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

Form No 7 F.

DAILY WEATHER REPORT

Date: SATURDAY 1st JANUARY 1949

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

At 1200 GMT — FRIDAY 31/12/48

Station	Wind Dir	Wind Vel	Cloud Amount	Cloud Type	Cloud Height	Present Weather	Past Weather	Pressure	Temperature	Dew Point	Max Temp	Min Temp	Rainfall
Salum	140	2	50	01	0	3	Ac	23.6	18	46	6		
Sidi Barrani	60	2	50	02	2	7	Ac	25.0	18	46	6		
Matruh													
El Daba	40	—		02	2	0	Cu,Ci	24.4	16	49	5		
Alexandria	40	5	50	02	2	6	Sc	25.1	16	51	6		
Dekhila	360	8	15	01	1	3	Sc	25.1	17	52	7		
Ismailia	40	5	35	02	2	6	Sc	25.4	15	54	6		
Port Said	40	8	35	01	2	3	Sc	25	16	49	5		
El Arish	230	5	35	02	1	6	CS	24.3	16	58	8		
Ramleh	140	5	15	01	2	6	Ac	26.0	16	54	6		
Lydda	40	5	15	01	2	6	Sc	25.8	16	51	7		
Gaza	40	5	35	01	1	3	Cu	24.8	18	53	8		
Beersheba	00	0	7	01	0	4	—			54			
Rafah	20	8	15	01	1	3	Ac	24.8	17	43	4		
Jerusalem	70	12	35	00	2	1	Sc	25	17	37	2		
Jericho	40	13	35	00	0	0	—	25.1	17	37	1		
Amman	330	5	20	00	0	2	Cu	25.1	18	42	5		
Ma'an	330	5	20	00	0	2	Cu	25.1	17	36	2		
Rutbah	40	12	50	00	0	0	—	24.4	16	35	0		
Baghdad	20	8	35	00	0	0	—	23.8	17	43	4		
Khanaqin	20	8	35	00	0	1	1	23	18	37	3		
Basra	40	2	35	00	0	0	—	21.6	18	41	4		
Shaiba	280	8	50	00	0	0	—	22.2	16	49	5		
Kuwait	40	2	35	00	0	0	—	21	19	62	2		
Bahrein	360	2	50	00	0	0	—	19.8	22	20	-2		
Dhahran	00	0	35	00	0	0	—	25.6	18	43	5		
Sharjah	40	2	35	02	1	3	As	23.6	16	48	5		
Muscat	360	5	50	00	0	0	—	22.4	16	59	8		
Masirah	360	2	35	00	0	0	—	23.9	16	40	3		
Salalah	20	8	35	00	0	0	—	23.0	16	45	4		
Aden	320	8	15	00	0	0	—	23	17	52	7		
Perim	340	5	50	00	0	0	—	23	17	52	7		
Asmara	20	16	35	02	2	6	Sc	21.8	17	69	11		
Massaua	20	17	15		1	6	Cu	15	22	61	14		
Kassala													
Khartoum	40	8	35	00	0	0	—						
Kosti	60	8			0		—	14	28				
Malakal	40	12	03	18	3	0	—	12	29	40	14		
Wau	40	8	35	00	0	0	—	8	30	38	14		
Juba	360	17	35	00	0	0	—	10	30	19	4		
Wadi Halfa			35	00	0	0	—	10	27	09	-9		
Abu Hamad	40	8	35	00	0	0	—						
Kareima	00	8	35	00	0	0	—		28	10	-7		
Atbara	40	8		02	0	6	Cb.	7	33	20	7		
Renk	90	2	35	00	0	0	—	7	—	—	0		
Roseires	360	2	35	00	1	1	Cs	5	33	23	9		

At 1800 GMT — FRIDAY 31/12/48

Station	Wind Dir	Wind Vel	Cloud Amount	Cloud Type	Cloud Height	Present Weather	Past Weather	Pressure	Temperature	Dew Point	Max Temp	Min Temp	Rainfall
Salum	140	2	35	02	1	3	Ac	25.2	11	78	7	0	
Sidi Barrani	100	22	15	02	2	6	Sc	26	13	77	4	0	
Matruh	40	22		01	1	5	Cu,Ci	20.6	15	59	7	0	
El Daba	90	5	3	01	2	2	Ac	26.7	13	53	4	0	
Alexandria	80	2	15	00	1	1	Ac	26.3	11	82	8	0	
Dekhila	270	8		00	0	2	Cu	26.7	13	63	6	0	
Ismailia	70	8	15	01	1	2	Sc	26	14	55	5	0	
Port Said	330	8	35	01	1	3	Cu	24.3	15	62	8	0	
El Arish	140	8	7	01	1	3	Ac	26.2	13	75	9	0	
Ramleh	40	5	35	01	1	0	—	27.1	10	75	6	0	
Lydda	40	5	35	01	1	6	Cu	26.3	11	80	8	0	
Gaza	40	5	35	01	1	6	Cu	26.3	11	80	8	0	
Beersheba	00	0	7	01	0	4	—			54			
Rafah	20	8	15	01	1	3	Ac	24.8	17	43	4	0	
Jerusalem	70	12	35	00	2	1	Sc	25	17	37	2	0	
Jericho	40	13	35	00	0	0	—	25.1	17	37	1	0	
Amman	330	5	20	00	0	2	Cu	25.1	18	42	5	0	
Ma'an	330	5	20	00	0	2	Cu	25.1	17	36	2	0	
Rutbah	40	12	50	00	0	0	—	24.4	16	35	0	0	
Baghdad	20	8	35	00	0	0	—	23.8	17	43	4	0	
Khanaqin	20	8	35	00	0	1	1	23	18	37	3	0	
Basra	40	2	35	00	0	0	—	21.6	18	41	4	0	
Shaiba	280	8	50	00	0	0	—	22.2	16	49	5	0	
Kuwait	40	2	35	00	0	0	—	21	19	62	2	0	
Bahrein	360	2	50	00	0	0	—	19.8	22	20	-2	0	
Dhahran	00	0	35	00	0	0	—	25.6	18	43	5	0	
Sharjah	40	2	35	02	1	3	As	23.6	16	48	5	0	
Muscat	360	5	50	00	0	0	—	22.4	16	59	8	0	
Masirah	360	2	35	00	0	0	—	23.9	16	40	3	0	
Salalah	20	8	35	00	0	0	—	23.0	16	45	4	0	
Aden	320	8	15	00	0	0	—	23	17	52	7	0	
Perim	340	5	50	00	0	0	—	23	17	52	7	0	
Asmara	20	16	35	02	2	6	Sc	21.8	17	69	11	0	
Massaua	20	17	15		1	6	Cu	15	22	61	14		
Kassala													
Khartoum	40	8	35	00	0	0	—						
Kosti	60	8			0		—	14	28				
Malakal	40	12	03	18	3	0	—	12	29	40	14		
Wau	40	8	35	00	0	0	—	8	30	38	14		
Juba	360	17	35	00	0	0	—	10	30	19	4		
Wadi Halfa			35	00	0	0	—	10	27	09	-9		
Abu Hamad	40	8	35	00	0	0	—						
Kareima	00	8	35	00	0	0	—		28	10	-7		
Atbara	40	8		02	0	6	Cb.	7	33	20	7		
Renk	90	2	35	00	0	0	—	7	—	—	0		
Roseires	360	2	35	00	1	1	Cs	5	33	23	9		

At 0600 GMT — SATURDAY 1st

Station	Wind Dir	Wind Vel	Cloud Amount	Cloud Type	Cloud Height	Present Weather	Past Weather	Pressure	Temperature	Dew Point	Max Temp	Min Temp	Rainfall
Salum	160	0	35	02	1	5	Ac,Ci	24.4	10		8	76	6	0	157
Sidi Barrani	200	9	18	03	1	5	Ac,Ci	25.4	11	17	10	71	6	0	121
Matruh	140	10		02	2	6	Cu	25.1	10	19	7	62	3	0	94
El Daba	130	6	35	03	2	7	Cb,Ci	27.0	+8.0	11	10	-1	63	4	0	140	97
Alexandria	140	0	18	03	0	6	Cu,As	26.5		11	17	8	67	5	0	119	70
Dekhila	140	5		02	0	2	Cu	26.0	+8.0	12		8	77	8	0	59	40
Ismailia	120	11	15.1	03	1	5	As,Ci	26.5		13	17	9	67	7	0	17	
Port Said	120	0	20	01	2	5	Ci	25.2	+6.6	5	17	-2	3	-5	79	2	0	32	34
El Arish	90	9	7	00	1	6	Ci	26.7	+8.1	9			7	-1	71	4	0	26	37
Ramleh	40	2	15	01	1	6	Sc,Cu	26.6	+8.0	9			7	-1	71	4	0	12	16
Lydda	90	2	35	02	2	4	Cu	25.9	+6.8	7			4	-3	87	5	0	9	14
Gaza	90	5	15	02	0	6	Cu	25.7	+6.7	7			6	-1	87	5	0	3	10
Beersheba	90	8	15	02	2	8	As	26.0		9			8		62	2	0	5	
Rafah																			
Jerusalem	90	10	12	03	1	7	Sc,As,Cs	25.5		8	17		5		66	2	0	dr.	
Jericho	60	6	13	03	0	2	CS	25.7	+6.3	7	19		6		66	1	0	2	
Amman	00	0	15	03	2	7	CS	25.6	+6.2	9	19	-1	8	0	62	2	0	6	9
Ma'an	00	0	15	03	2	7	CS	25.4	+5.9	7	18	-1	6	0	81	4	0	12	10
Rutbah	40	12	7	02	2	7	Ci	25.2	+5.6	10	17	-2	8	-1	47	-1	0	6	9
Baghdad	00	00	15	03	2	7	Sc	25.4	+6.0	8			5	-2	71	3	0	tr.	3
Khanaqin	00	00	5	00	0	2	Ci	24.4		6	18		2		76	2	0	4	
Basra	00	00	18	00	0	4	Ci	24.0		8	18		7		86	2	0	0	
Shaiba	00	00	35	00	0	0	—	24.2	+4.5	7			2		87	5	0	0	
Kuwait	320	5	15	02	0	3	Ci	24.8	+5.8	9			5	-2	63	2	0	dr.	
Bahrein	30	3	30	03	0	2	Cc	24.0		8	20		2		84	-1	0	dr.	
Dhahran	20	2	50	00	0	0	—	23.6	+4.6	10			8	-3	67	4	0	dr.	
Sharjah	00	0	15	00	0	0	—	24.4	+3.7	9			5	+1	71	4	0	0	5
Muscat	00	0	30	02	1	0	—	24.8	+4.6	7	17	-3	3	-2	71	2	0	dr.	4
Masirah																		dr.	
Salalah	00	0	35	00	0	3	Sc,As	24.7	+4.1	5			1	-4	36	0	0	dr.	
Aden			35	00	0	0	—	24.2	+4.8	11			5	-2			0	0	
Perim																			
Asmara	310	4	35	00	0	0	—	24.3	+5.5	8			4	-6	58	0	0	12	9
Massaua	20	9	35	00	0	5	1	26.2	+8.2	8			5	-4	58	0	0	0	7
Kassala	00	0		00	0	3	Ci	24.2		10	18		6		54	1	0	dr.	
Khartoum	330	12	15	00	0	3	Ci	23.5	+5.9	15			13	+2	39	1	0	0	4
Kosti																	0	34	84
Malakal																			
Wau																			
Juba																			
Wadi Halfa																	0	4	
Abu Hamad																	0	—	
Kareima																	0	3	1
Atbara																	0	7	2
Khartoum																	0	10	4
Kassala																	0	2	8
Wad Medani																	0	11	12
Renk																	0	0	49
Roseires																	0	2	36
El Obeid																	0	0	16
El Fasher																	0	0	6
Genena																	0	—	4
Malakal																	0	69	88
Wau																	0	261	143
Juba																	0	129	144

UPPER AIR OBSERVATIONS — Elwin Sinde

Station: Farouk Airport — Time: 1 SC — Date: 3

Height (Metres)	Dir	Vel	Temp	Dew Point	Dir	Vel
100			142	8	62	110	14
200				9	25		
300				13			
500			1545	12		110	2
800							
700			3140	2		280	20
800				-5	25		
900			5757		15	290	40
400				-27			
300			9399	-42		290	

Remarks:

Station	31st/12	
Alexandria	55	-8
Ezbekiya	67	-2
Giza	64	-10
Helwan	53	5

GIZA — Grass Minimum Temp. 1.7 (SC)

Remarks

UPPER WIND OBSERVATIONS on 31-12-48

Station	Farouk A.P.		P. Said		Minya	
Time	15		14 15		15	
Height m	Dir	Vel	Dir	Vel	Dir	Vel
300	30	10	60	9	350	20
600	40	11	50	9	360	20
1000	40	12	50	12	40	21
1500	50	14	30	9	40	7
2000	60	14			50	9
3000						
4000						
5000						
6000						
7000						
8000						

UPPER WIND OBSERVATIONS on 1st

Station	Sidi Barrani		Matruh		Bilbeis Airport		Port Said		El Arish		Helwan		Minya		Wadi Halfa		Luxor		Aswan		Hurghada		Farouk A.P.	
Time	5		5		3		3 30				7 15		3 15						5		9		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	150	21			220	13	90	16			80	16	150	6					10	7	50	8	70	23
600	120	20			220	14	60	23			110	7	130	10					60	16	60	13	70	14
1000	110	20	140	21	220	14	60	23			150	4	110	5					80	29	80	12	80	10
1500					220	17	130	15			160	6	100	8					50	21	70	19	110	3
2000			120	21	220	28	240	3											50	23	80	11	280	3
3000			110	23			290	8															280	16
4000			80	20																			290	30
5000			70	19																			290	33
6000			30	11																			290	35
7000			100	4																				
8000			360	7																				

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartoum		Kassala		El Obeid		El Fasher		Malakal	
Time	5		5		5		6																	
Height m	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel
300	120	35	90	12	70	3	30	9																
600	110	23	110	15	100	6	50	10																
1000	110	23	90	14	130	14	100	10																
1500	160	16	120	5	120	11	70	11																
2000	220	14	130	10	150	5																		
3000	250	18	200	10																				
4000			240	16																				
5000			270	25																				
6000																								
7000																								
8000																								

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

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450)

F.G.

QC 991 .E3 D3 1949 (Jan-June)

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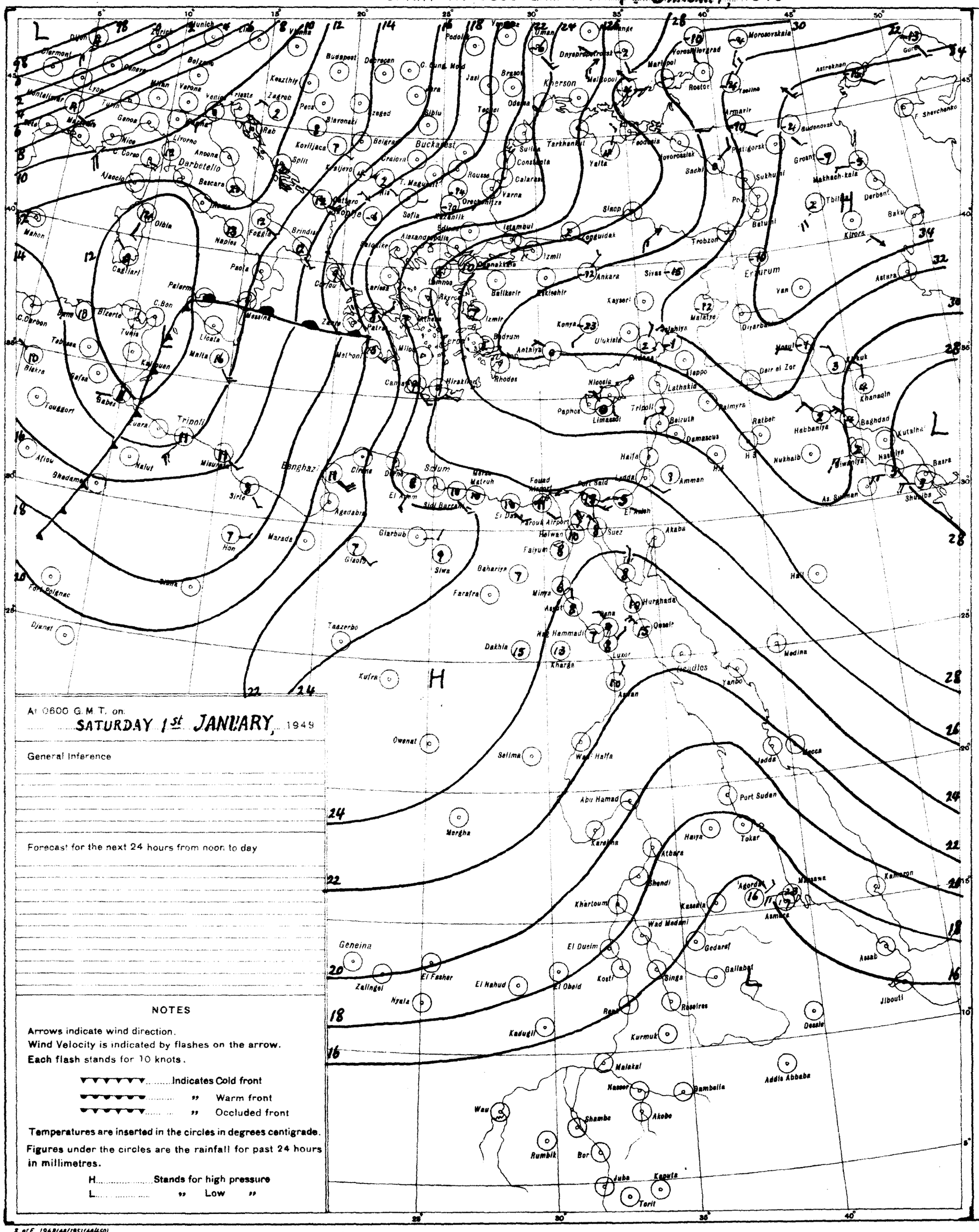
September 14, 1999

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 1st JANUARY, 1949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Gedaref
Malakal
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Torit
Kapoeta
Bambelia
Akobo
Shambe
Rumbik
Bor
Kurmuk
Kadugli
Nyala
El Fasher
El Nahud
El Obeid
El Dueim
Kosti
Singa
Roseires
Gallabat
Jibouti
Dessie
Aden
Jedda
Mecca
Medina
Hurghada
Luxor
Aswan
Wadi Halfa
Abu Hamad
Mergha
Kufra
Owenat
Selima
Tokar
Haiya
Athara
Shendi
Wad Medani
Khartoum
Kassala
Asmara
Massawa
Kamaran
Assab
Aden
Yanbo
Jedda
Mecca
Medina
Hurghada
Luxor
Aswan
Port Said
Suez
Cairo
Helwan
Faiyum
Baharia
Farafra
Mimya
Asyut
Nag Hammadi
Qena
Qeseir
Dakhla
Kharga
Tanzerbo
Siwa
Marada
Hon
Sirte
Agedabia
Giarbub
Jaghbub
Tobruk
Derna
Cirene
Marsa Matruh
Fouad Nuovo
Sidi Barrani
El Alam
Alexandria
Rhodes
Crete
Paphos
Limassol
Nicosia
Beirut
Damascus
Haifa
Amman
Lydda
Akaba
Tripoli
Palmyra
Lattakia
Aleppo
Ratbah
Habbaniya
Baghdad
Kutaiba
Basra
Shuaiba
Khanaqin
Kirkuk
Mosul
Dair el Zor
Nukhaib
Diwaniya
Hasaniya
Ankara
Sivas
Erzurum
Van
Diyarbakr
Malatya
Kayseri
Konya
Ulukisla
Adana
Antalya
Rhodes
Izmir
Balikesir
Eskisehir
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Brasov
Sibiu
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Kovilijaca
Rab
Pecs
Szeged
Slavonski
Craiova
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Sofia
Salonika
Tarkhankut
Yalta
Feodosia
Novorossiisk
Sochi
Sukhumi
Batumi
Poti
Trebizond
Sinop
Samsun
Mariupol
Rostov
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Armavir
Budenovsk
Pyatigorsk
Grozny
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Kutaiba
Basra
Shuaiba
Hasaniya
Diwaniya
Nukhaib
Habbaniya
Ratbah
Palmyra
Lattakia
Aleppo
Damascus
Beirut
Haifa
Amman
Lydda
Akaba
Suez
Port Said
Fouad Nuovo
Marsa Matruh
Sidi Barrani
El Alam
Alexandria
Cairo
Helwan
Faiyum
Baharia
Farafra
Mimya
Asyut
Nag Hammadi
Qena
Qeseir
Dakhla
Kharga
Tanzerbo
Siwa
Marada
Hon
Sirte
Agedabia
Giarbub
Jaghbub
Tobruk
Derna
Cirene
Sollum
Rhodes
Crete
Paphos
Limassol
Nicosia

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

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

Form No 7 F.

DAILY WEATHER REPORT

Date: SUNDAY 2nd JANUARY, 1949

At 1200 on SATURDAY 1st

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	140	17	7	01	0	0	–	21.1	17	52	07
	62303	SIDI BARANI	110	15	50	01	1	1	Ns	21.9	17	52	07
	62306	MATRUH	150	16	12	03	1	2	Cu	23.8	17	64	10
	62309	EL DABA	90	08		02	0	3		22.2	15	68	08
		ALEXANDRIA	140	09	50	01	1	3	Ac.Cc	23.6	17	52	07
	62318	FOUAD (Airport)	140	08	50	00	0	0	–	24.1	17	60	09
	62330	DAMIETTA	90	09	15	01	0	1	Cu	24.4	15	77	11
	62333	PORT SA'ID	90	15	30	02	0	1	Ac.	24.3	15	59	07
	62336	EL 'ARISH	30	19	35	01	1	2	Ci		15	39	01
Lower Egypt	62339	DAMANHUR	130	12	15	01	1	0	–	24.8	17	60	09
	62342	MANSURA	140	05	35	00	1	0	–	24.4	18	52	08
	62348	TANTA	90	12	35	01	0	0	–	24.0	17	52	07
	62354	ZAGAZIG	140	02	15	00	0	0	–	24.7	16	42	03
	62441	ISMAILIA	140	02	35	02	0	0	–	23.5	20	33	03
Cairo Area	62366	FAROUK (Airport)	80	10	35	02	0	1	Ac.	22.3	18		-02
	62372	ALMAZA	140	06	35	01	1	1	Ci	22.5	20		00
		EZBEKIYA	00	01	15	00	1	0	–	23.1	19	30	01
		GIZA	00	01	15	00	1	0	–	22.6	20	26	00
	62378	HELWAN	00	00	15	00	0	1	Cu	22.6	18	36	03
Upper Egypt	62381	FAIYUM	00	00	35	01	1	4	Sc.	19.1	18	83	
	62387	MINYA	00	00	18	02	0	2	Ci	22.4	20	38	05
	62393	ASYUT MANQABAD	00	00	30	03	1	5	Cs.	21.5	18	40	04
	62399	NAG' HAMMADI	00	00	35	00	0	0	–	23.3	19	46	07
	62402	QENA	240	05	50	02	1	4	Ci	21.8	20	46	08
	62405	LUXOR	20	06	30	02	1	3	Ci	21.0	21	41	07
	62414	ASWAN	70	03	50	00	0	0	–	18.7	26	27	05
Oases	62417	SIWA	110	08	15	00	0	0	–	22.7	17	34	01
	62420	BAHARIYA	180	01	30	02	1	5	Ac.	22.4	20	33	03
	62423	FARAFRA	140	03	50	02	1	4	Sc.Ci	20.3	20	41	06
	62432	DAKHLA	140	03	50	02	1	4	Sc.As	20.3	20	41	06
	62435	KHARGA	360	01	35	00	0	0	–		20	33	03
Red Sea	62450	SUEZ	00	00	35	02	0	0	–	22.0	17	34	01
	62459	TOR	310	05	15	02	1	0	–	23.6	18	60	10
	62462	HURGHADA	00	00	90	02	1	6	Ci Cs	23.1	18	52	08
	62465	QUSEIR	360	12	15	10	3	7	Ci	22.2	20	56	11
	62641	PORT SUDAN	10	24	2.1	30	3	0	–	17.9	25	42	11
North Sudan	62600	WADI HALFA	20	13	30	00	0	0	–	17.0	23	29	03
	62640	ABU HAMAD											
	62660	KAREIMA											
	62680	'ATBARA	50	09	10	00	0	0	–	14.0	22	16	00
	62721	KHARTUM	50	03	30	00	0	0	–	11.0	27	27	06
	62730	KASSALA											
Central Sudan	62751	WAD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	30	12	30	01	0	3					24
	62760	EL FASHER											
	62770	GENEINA											
S. Sudan	62840	MALAKAL											
	62880	WAU											
	62941	JUBA											

At 1800 on 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	140	04	7	00	2	0	–	21.2	15	48	04	0
SIDI BARANI	110	04	35	01	0	0	–	21.9	12	77	08	0
MATRUH	90	10	35	01	0	0	–	21.1	13	77	09	0
EL DABA				00	0	3	Cu	19.9	15	68	09	0
ALEXANDRIA	90	10	7	00	0	0	–	24.1	11	77	07	0
FOUAD (Airport)												
DAMIETTA	90	09		02	0	1	Cu	23.5	13	67	07	0
PORT SA'ID	100	18	15	02	0	0	–	23.4	14	55	05	0
EL 'ARISH												
DAMANHUR	130	09	7	02	0	0	–	24.0	9	88	07	0
MANSURA	140	02	3	00	0	0	–	23.9	9	88	07	0
TANTA	90	02	35	03	1	3	Cu	23.6	10	76	06	0
ZAGAZIG	140	02	15	00	0	0	–	23.4	11	63	04	0
ISMAILIA	140	05	15	02	0	0	–	23.1	12	59	04	0
FAROUK (Airport)	90	04	12	00	0	0	–	22.9	13		-03	0
ALMAZA	110	10	12	01	0	1	Ci	22.7	13		-01	0
EZBEKIYA	00	00	15	00	0	0	–	23.0	10	62	03	0
GIZA	00	00	15	00	0	0	–	20.3	8	76	04	0
HELWAN	20	02	15	01	0	2	Cs	22.7	13	34	-02	0
FAIYUM	00	00	7	01	1	2	Sc.	24.2	11	77	07	0
MINYA	00	00	12	00	0	0	–	23.1	10	76	06	0
ASYUT MANQABAD												
NAG' HAMMADI	00	00	35	00	0	0	–	23.6	12	77	08	0
QENA	270	05	7	02	1	4	Ci	22.6	13	67	07	0
LUXOR	270	05	15	01	1	1	Cs	21.5	15	39	01	0
ASWAN	360	05	50	00	0	0	–	20.4	19	40	05	0
SIWA	00	00	7	00	0	0	–	21.6	13	55	04	0
BAHARIYA	180	02	18	01	1	3	Ac	22.0	13	44	01	0
FARAFRA	40	02		00	0	0	–	23.1	11	47	04	0
DAKHLA			35	00	0	0	–	19.9	14	48	03	0
KHARGA	00	00	15	00	0	0	–	22.3	16	39	02	0
SUEZ	00	00	15	00	0	0	–	21.9	12	63	05	0
TOR	20	03	15	00	0	0	–	23.4	12	63	05	0
HURGHADA	00	00	70	01	1	0	–	22.9	11	77	07	0
QUSEIR	360	12	15	00	1	0	–	22.4	16	49	05	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on SUNDAY 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.	Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	180	04	7	00	1	5	Ac.	18.2		12	17		7		55	03	0		
SIDI BARANI	110	05	50	03	0	3	Ac	19.0		6	17		5		87	04	0	157	
MATRUH	270	01	14	00	0	2	Sc.Ac	19.7		6	17		6		87	04	0	121	
EL DABA	180	11		00	0	3	Cu	19.9		10	18		5		76	06	0	94	
ALEXANDRIA	130	06	15	03	2	8	Sc.Ci	21.0	+2.0	9	18	-1	8	-3	71	04	0	140	99
FOUAD (Airport)	140	02	18	03	2	7	Ac.Cs	20.8		8			8		88	06	0	119	
DAMIETTA	110	09		11	2	8	Sc	21.4	+3.4	11	17		8		83	09	0	59	41
PORT SA'ID	150	06	15	03	2	7	As.	19.9		10			8		62	03	0	17	
EL 'ARISH	130	09	35	03	2	7	Ci								58	02	0	32	34
DAMANHUR	130	05	3.0	00	2	7	Cs.Cc	21.9	+3.3	7	18	-2	6	-2	87	05	0	26	37
MANSURA	40	05	15	01	1	6	Ac	21.8	+3.2	6	19	-1	5	-3	71	01	0	12	16
TANTA	130	02	7	03	2	4	Cb	21.9	+2.8	7	18	-2	4	-3	71	02	0	9	14
ZAGAZIG	90	05	15	02	0	6	Cu	22.2	+3.0	7	19	-1	5	-2	71	02	0	3	10
ISMAILIA	160	02	15	00	2	8	–	21.8		8	21		4		62	—	0	5	
FAROUK (Airport)	00	00	07	03	1	8	Ac.Ci	21.5		9	20		7			-02	0	dr	
ALMAZA	160	03	3	05	0	6	Ac.Cs	21.7	+2.3	8	20		6			-03	0	2	
EZBEKIYA	00	00	15	01	0	6		21.4	+2.0	9	21	+1	6	-2	54	..	0	6	9
GIZA	00	00	15	01	0	6		21.6	+2.0	7	21	+2	7	+1	81	04	0	12	10
HELWAN	00	00		02	2	6	Cu	21.5	+1.9	10	20	+1	8	-1		00	0	6	9
FAIYUM	000	00	07	12	2	7	Fs	21.2	+1.8	10	20	-1	7		62	03	0	6	3
MINYA	00	00	05	10	0	5	Ci	23.3		6	22		2		76	02	0	4	
ASYUT MANQABAD	00	00	35	00	0	5	Ci	22.4		8	21		4		54	-01	0	0	
NAG' HAMMADI	00	00	3	00	0	0	–	21.4	+1.7	8	22		2		71	03	0	0	
QENA	00	00	15	00	0	0	–	23.0	+4.0	9	21	-2	4	-3	62	00	0	dr	
LUXOR	00	00	30	00	0	0	–	22.2		9	22		3		63	02	0	dr	
ASWAN	360	05	50	00	0	0	–	21.5	+2.5	10	26	+2	9	-2	71	05	0	dr	
SIWA	90	05	15	00	0	0	–	19.9		9	18	-2	5	+1	62	02	0	0	5
BAHARIYA	00	00	35	01	1	7	Ac.	22.0	+1.8	9	23?	+3	4	-1	62	02	0	dr	4
FARAFRA	00	00	15	02	1	6	Sc.Ac	22.7		4	19		-2		52	-05	0	dr	
DAKHLA	320	03	35	03	1	4	As.St	22.3	+0.4	3	22	0	1	-4	81	00	0	dr	
KHARGA	00	00	35	00	2	0	–	22.6	+3.2	10	22		4	-3	50	00	0	0	
SUEZ	00	00	35	00	1	7	As	21.2	+2.3	8	20	0	4	-6	71	03	0	12	9
TOR	40	04	15	00	0	4	Ci.	21.1	+3.1	7	19	-2	5	-4	71	02	0	0	7
HURGHADA	250	09	90	00	0	5	Cs	21.9		11	20		8		63	04	0	dr	
QUSEIR	310	08	15	00	0	2	Cs	21.5	+3.9	14	25	+2	12	-3	77	10	0	0	4
PORT SUDAN																	0	34	84
WADI HALFA																	0	2	
ABU HAMAD																	0		
KAREIMA																	0	3	1
'ATBARA																	0	7	2
KHARTUM																	0	10	4
KASSALA																	0	2	8
WAD MEDANI																	0	11	12
RENK																	0	0	49
ROSEIRES																	0	2	36
EL OBEID																	0	0	16
EL FASHER																	0	0	6
GENEINA																	0		4
MALAKAL																	0	19	88
WAU																	0	261	143
JUBA																	0	129	144

HUMIDITY % Mean of day

Station	on 1st	Diff. from normal
Alexandria	64	-2
Ezbekiya	58	-11
Giza	74	0
Helwan	36	-22

GIZA GRASS MINIMUM TEMP. ON 2nd -0.3 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — AIRPORT

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

RAWINSONDE — AIRPORT

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

RAWINSONDE — AIRPORT

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

UPPER WIND OBSERVATIONS on 1st

Station	MINYA		FOUAD A.P.		PORT SAID		ALMAZA	
Time	15		15		14		13 30	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	340	6	230	10	90	21	30	3
600	60	3	230	10	110	11	70	3
1000	80	4	230	15	140	9	140	10
1500	100	4	220	12	260	5	180	3
2000	360	2	240	14			220	2
3000			190	16			160	3
4000							270	13
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 2nd

Station	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SAID		EL 'ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA		FAROUK (Airport)	
Time	5		4 45		3		5				7 15										9		03	
Height m.	Dir.	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	26	160	12	210	14	100	16			160	7									30	3	40	4
600	210	17	160	14	220	14	120	11			180	5									140	4	100	4
1000	200	7	ENT. Sc.		220	13	140	07			200	8									130	5	160	4
1500	220	16			210	13	210	09			200	12									120	7	200	8
2000	220	22					170	04															210	8
3000																							230	14
4000																							270	29
5000																							260	41
6000																							280	34
7000																								
8000																								

Station	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
Time	5		5		5		6 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	200	18	180	17	140	03	50	3																
600	230	15	160	22	140	02	120	5																
1000	240	12	170	25	160	14																		
1500	240	21	200	30	190	7																		
2000	250	30	210	29	160	3																		
3000	220	34	200	24	350	3																		
4000	230	38	220	26	330	22																		
5000			220	31																				
6000																								
7000																								
8000																								

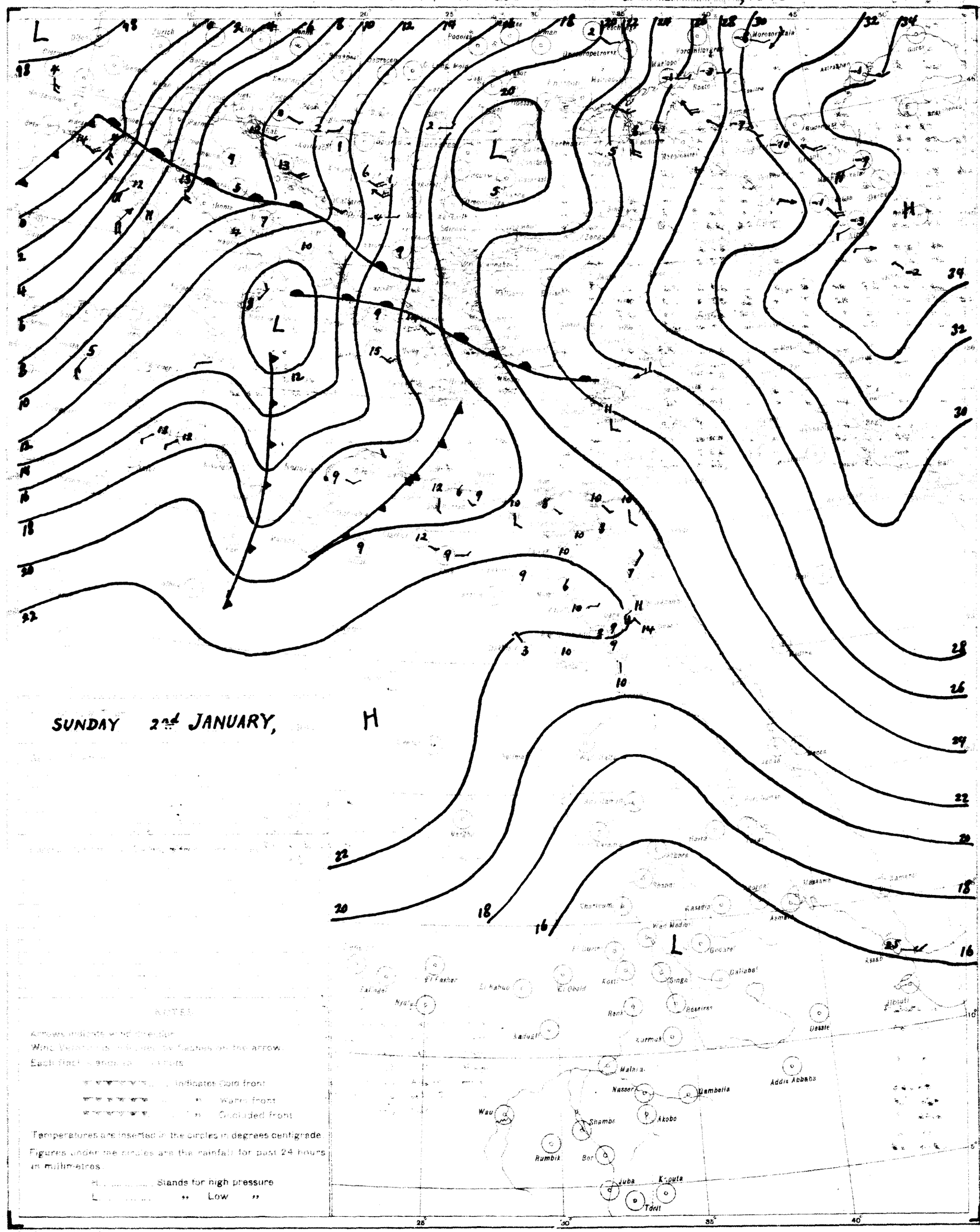
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No 7F

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 2nd JANUARY, 1949



NOTES

Arrows indicate wind direction.

Wind Velocities are indicated by feathers on the arrow.

Each feather represents 5 knots.

Indicates Cold front

" Warm front

" Occluded front

Temperatures are inserted in the circles in degrees centigrade.

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

H ..... Stands for high pressure

L ..... " Low "

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00
Clouds dissolving	01
Sky of any density unchanged	02
Clouds developing	03
Visibility reduced by smoke	04
Haze	05
Dust in the air	06
Blowing sand raised by wind	07
[illegible]	08
Dust storm [illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

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

Form No 7 F.

CAIRO

Time of Sunrise 04 51 G. M. T.

" " Sunset 15 08 G. M. T.

DAILY WEATHER REPORT

Date: MONDAY 3rd JANUARY, 1949

Area	Index Number	Station	At 1200 on 2nd: Wind Direction	Wind Velocity in knots	Visibility in kilometres	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	12	7	00	0	0	—	16.6	19	37	4
	62303	SÎDI BARÂNI	290	9	50	01	0	0	—	17.1	18	46	6
	62306	MATRÛH	60	3	35	00	0	0	—	17.1	22	29	3
	62309	EL DABA	90	2		01	0	0	—	17.6	21	50	10
		ALEXANDRIA	00	0	50	01	1	3	Cu, Ci	18.3	18	52	8
	62318	FOUAD (Airport)	250	4	30	00	1	2	Ac	19.2	19	43	6
	62330	DAMIETTA	200	5	15	01	1	4	Cu	19.5	18	60	10
	62333	PORT SA'ÎD	200	4	30	02	1	7	Ac	19.9	18	43	5
	62336	EL 'ARISH	40	1	35	01	1	5	Ac	19.2			1
Lower Egypt	62339	DAMANHUR	270	9	15	01	1	1	Ci	19.8	21	33	4
	62342	MANSURA	270	5	35	01	1	4	Ac	19.5	19	46	7
	62348	TANTA	00	0	35	01	0	3	Cu	20.0	20	41	6
	62354	ZAGAZIG	90	5	15	02	0	8	Cu	19.4	19	64	
	62441	ISMA'ILIA	200	2	15	01	1	6	Ac	19.5	21	41	7
Cairo Area	62366	FAROUK (Airport)	90	13	8	02	1	5	Ac, Cs	19.4	20	33	3
	62372	ALMAZA	220	9	18	12	1	5	As	19.5	21	28	2
		EZBEKIYA	160	4	35	01	0	6	Cu	19.6	20	41	6
		GÎZA	160	4	35	01	0	6	Cu	19.5	20	41	6
	62378	HELWÂN	160	5	15	02	2	6	Ac	19.6	19	60	11
Upper Egypt	62381	FAIYÛM	00	0	35	01	1	4	Sc	20.2	21	33	4
	62387	MINYA	200	5	11	01	2	4	Ci	20.0	21	41	7
	62393	ASYÛT MANQABAD	40	2	30	01	1	5	Cs	19.0	20	41	6
	62399	NAG' HAMMADI	00	0	35	00	0	0	—	19.4	22	44	9
	62402	QENA	240	2	50	02	1	3	Ci	19.6	21	33	4
	62405	LUXOR	40	5	30	02	0	3	Cs	19.8	22	44	9
	62414	ASWÂN	320	7	50	02	1	3	Ci	17.1	25	22	2
Oases	62417	SÎWA	270	5	15	00	0	0	—	19.1	20	64	13
	62420	BAHARÎYA	180	3	30	02	1	4	Cc		22	29	3
	62423	FARAFRA											
	62432	DAKHLA	00	0	50	03	1	6	Sc, As		22	53	12
	62435	KHARGA	00	0	35	00	0	0	—	20.3	22	36	6
Red Sea	62450	SUEZ	00	0	35	01	0	3	As	18.8	17	68	11
	62459	TÛR	20	6	15	02	1	0	—	20.2	20	56	11
	62462	HURGHADA	00	0		03	1	5	Ac	19.7	20	69	14
	62465	QUSEIR	20	8	15	03	1	4	Ci	19.4	21	57	12
	62641	PORT SUDAN	30	16	2	00		1	Ac	13.2	26	32	8
North Sudan	62600	WÂDI HALFA	90	4	30	00	0	1	Ci	15.9	27	17	0
	62640	ABU HAMAD	110	24				0	—	12.0	30	13	-1
	62660	KAREIMA	40	4	30	00	0	0	—	12.4	29	22	5
	62680	'ATBARA	20	5	10	03	0	2	Cs	11.2	29	19	3
	62721	KHARTUM	50	5	30	00	0	0	—	10.2	29	20	4
	62730	KASSALA	20	5	30	00	0	0	—		34	12	1
Central Sudan	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	20	13	30	00	0	0	—	8.0			-4
	62760	EL FÂSHER											
	62770	GENEINA	70	9	30	00	0	0	—		29	5	-15
S. Sudan	62840	MALAKÂL											
	62880	WÂU											
	62941	JUBA											

Station	At 1800 on 1st: Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain past 12 hrs mms
SALÛM	270	12	7	00	0	0	—	18.2	15	68	9	0
SÎDI BARÂNI	270	4	35	02	0	0	—	18.3	14	67	8	0
MATRÛH	300	16	15	00	0	0	—	17.8	11	88	9	0
EL DABA	90	20		02	0	0	—		21	31	3	0
ALEXANDRIA	130	5	3	01	0	0	—	19.0	14	55	5	0
FOUAD (Airport)	90	2	12	00	0	0	—	18.4	11	88	9	0
DAMIETTA	140	5		01	0	1	Cu	19.2	11	88	9	0
PORT SA'ÎD	120	3	12	02	0	0	—	19.4	12	77	8	0
EL 'ARISH	00	0	35	00	0	0	—			75	1	0
DAMANHUR	230	5	1.5	00	0	0	—	19.0	11	67	5	0
MANSURA	40	2	3	00	1	0	—	19.2	10	88	8	0
TANTA	00	0	35	01	0	0	—	18.8	13	77	9	0
ZAGAZIG	40	2	15	00	0	0	—	20.0	13	67	7	0
ISMA'ILIA	160	2	15	01	0	0	—	19.4	12	77	8	0
FAROUK (Airport)	00	0	8	00	0	0	—	19.1	13	41	0	0
ALMAZA	180	4	14	00	0	0	—	19.1	13	44	1	0
EZBEKIYA	00	0	15	00	0	0	—	19.4	11	77	7	0
GÎZA	00	0	15	00	0	0	—	19.4	8	76	4	0
HELWÂN	140	5	15	00	0	0	—	19.5	16	31	-2	0
FAIYÛM	00	0	35	01	0	0	—	19.1	11	88	9	0
MINYA	190	3	10	00	1	0	—	19.1	12	59	4	0
ASYÛT MANQABAD												
NAG' HAMMADI	00	0	35	00	0	0	—	19.9	14	77	10	0
QENA	270	2		02	1	3	Ci		13	67	7	0
LUXOR	00	0	16	01	0	0	—	19.7	15	55	6	0
ASWÂN	360	3	50	00	0	0	—	18.6	19	30	1	0
SÎWA	00	0	7	00	0	0	—	20.3	14	55	5	0
BAHARÎYA	360	1	18	00	1	0	—	19.6	12	55	3	0
FARAFRA												
DAKHLA	00	0	50	03	1	0	0	18.2				0
KHARGA	00	0	15	00	0	0	—	20.4	16	36	1	0
SUEZ	00	0		01	0	0	—	18.4	15	77	11	0
TÛR	40	2	15	00	1	0	—	20.2	13	55	4	0
HURGHADA	00	0	50	01	1	4	Cs	20.0	15	68	9	0
QUSEIR	310	5	15	01	0			19.5	18	52	5	0
PORT SUDAN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

Station	At 0600 on 3rd: Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Bar. Pressure Diff. from normal mbs	Temp. Dry Bulb	Temp. Maximum Yesterday	Temp. Maximum Diff. from normal	Temp. Minimum Today	Temp. Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
SALUM	320	9	7	10	1	5	Ac	20.6		13	21		9		77	9	0		
SÎDI BARÂNI	360	9	50	03	0	6	Sc	21.5		16	20		6		77	12	0	157	
MATRÛH	40	9	18	02	0	6	As, Ci	20.4		14	22		8		88	12	0	121	
EL DABA	360	27		01	0	0	—	19.5		16	21		7		68	10	0	94	
ALEXANDRIA	00	0	7	00	0	0	—	19.6	+0.6	16	20	+1	8	-3	77	12	0	140	101
FOUAD (Airport)	230	2	18	01	0	2	Sc	19.3		8	20		5		95	8	0	119	73
DAMIETTA	160	5		00	0	0	—	19.4	+1.4	8	19		4		88	6	0	59	42
PORT SA'ÎD	230	4	12	02	0	0	—	19.4		12	19		10		67	6	0	17	
EL 'ARISH	180	10	35	00	0	0	—			9			11	+3	71	4	0	32	35
DAMANHÛR	270	9	3	00	0	0	—	19.9	+1.3	7	22	+2	5	-3	87	5	0	26	38
MANSÛRA	220	2	35	00	0	0	—	19.4	+0.8	7	21	+1	5	-3	87	5	0	12	16
TANTA	00	0	36	02	0	0	—	20.2	+1.1	6	21	+1	7	0	87	4	0	9	14
ZAGAZIG	40	12	15	00	0	0	—	19.6	+0.5	7	19	-1	4	-3	71	2	0	3	10
ISMA'ILIA	180	2	15	01	0	0	—	21.0		11	23		7		77	7	0	5	
FAROUK (Airport)	90	9	12	00	0	0	—	19.44		12	21		10		33	-4	0	dr.	
ALMÂZA	180	12	18	00	0	0	—	19.8	+0.4	12	21		10		36	-3	0	2	
EZBEKÎYA	00	0	15	00	0	0	—	20.3	+0.9	10	21	+1	9	+1	50	0	0	6	9
GÎZA	00	0	15	00	0	0	—	20.4	+0.8	10	23	+4	6	0	50	0	0	12	10
HELWÂN	140	2	15	00	0	0	—	20.3	+0.7	11	20	+1	9	0	36	-4	0	6	9
FAIYÛM	00	0	7	02	0	0	—	20.7	+1.3	9	23	+2	5	-2	62	2	0	tr.	3
MINYA	00	0	8	00	0	0	—	20.3		7	23	+3	2		71	2	0	4	
ASYÛT MANQABAD	00	0	30	00	0	1	Ci	20.3		9	22		5		47	-2	0	0	
NAG' HAMMÂDI	00	0	35	00	0	0	—	20.8	+1.0	7	23				71	2	0	0	
QENA	320	2	15	00	0	0	—	20.6	+1.6	9	21	-2	5	-2	47	-2	0	dr.	
LUXOR	00	0	30	00	0	0	—	20.1		8	23		3		66	2	0	dr.	
ASWÂN	360	5	50	00	0	0	—	19.5	+0.5	12	26	+2	9	-2	55	3	0	dr.	
SÎWA	270	3	15	00	0	0	—	23.0	+2.3	9	21	+1	5	+1	71	4	0	0	5
BAHARÎYA	00	0	30	01	1	3	Ac	21.5	+1.2	8	23	+3	5	0	71	3	0	dr.	4
FARAFRA																		dr.	
DAKHLA	270	6	35	00	0	0	—	20.3	-0.3	7			1	-4	62	0	0	dr.	
KHARGA	00	0	35	00	0	0	—	21.2	+1.8	11	23	0	4	-3	67	5	0	0	
SUEZ	00	0	35	02	0	0	—	18.8	-0.1	9	20	0	5	-5	71	4	0	12	9
TÛR	40	8	35	00	0	0	—	19.6	+1.6	7	21	0	4	-5	57	-1	0	0	7
HURGHADA	110	8		00	0	0	—	19.1		11	22		8		77	7	0	dr.	
QUSEIR	310	7	15	02	0	0	—	18.6	+1.0	15	22	-1	13	-1	59	7	0	0	4
PORT SÛDÂN	330	13	30	02	0	1	Ac	16.7		21					53	11	0	34	84
WÂDI HALFA	30	1	30	00	0	0	—	18.3		11					54	2	0	tr.	
ABU HAMAD	70	5	30	00	0	0	—	16.2		14					48	3	0	—	
KAREIMA	70	6	30	00	0	0	—	15.7		17					46	5	0	3	1
'ATBARA	360	2	10	00	0	0	—	15.1		16					52	6	0	7	2
KHARTÛM	360	5	30	00	0	0	—	13.5		18					56	9	0	10	4
KASSALA	80	3	30	00	0	0	—	9.9		22					53	12	0	2	8
WÂD MEDANI	360	9	50	00	0	0	—	12.4		18	33		15		73	13	0	11	12
RENK																		0	49
ROSEIRES																	0	2	36
EL OBEID																	0	0	16
EL FÂSHER	360	5	30	00	0	0	—			10	30		6		38	-4	0	0	6
GENEINA																		—	4
MALAKÂL																	0	69	88
WÂU																	0	261	143
JUBA																	0	129	144

HUMIDITY

Mean of day

Station	on 2nd	Diff. from normal
Alexandria	63	-3
Ezbekiya	48	-21
Gîza	72	-2
Helwân	30	-28

GÎZA GRASS MINIMUM TEMP. ON 3rd 1.0 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — Farouk A.P. AIRPORT — On 3rd At 5

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	154	12	33	180	9
950		12	31		
900		10	28		
850	1508	7	27	280	16
800	3080	-1		290	25
700					
600					
500	5688	-16		280	70
400					
300					

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

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

UPPER WIND OBSERVATIONS on 2nd

Station			Matruh				Fouad A.P.				Minya				P. Said				Almaza							
Time			14				14 30				14 30				15				14 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.	Dir.	Vel.
300			220	12			200	8			150	18			200	9			210	4						
600			220	15			220	14			180	14			220	10			200	4						
1000			210	11			210	25			200	19			210	12			210	10						
1500			250	21			220	14			250	15			240	19			200	15						
2000							240	30			240	16							250	12						
3000							250	36			240	23														
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 3rd

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'îd		El 'Arîsh		Helwân		Minya		Asyût Manqabad		Luxor		Aswân		Hurghada		Almaza	
Time	5		5		3		4				8 15		3						5		10		8	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	10	15	350	16	250	6	260	0			160	4	40	5					20	11	320	5	240	3
600	10	11	350	18	240	6	300	6			260	2	40	9					10	10	330	10	300	3
1000			330	18	240	7	310	9			310	6	20	11					20	16	310	11	300	3
1500			360	27	220	5	310	16			310	8	10	12					310	4	320	16	310	6
2000					220	6							10	14					340	10	300	21	310	6
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	5		5		5		6 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	350	16	330	15	340	14	10	10																
600	330	21	340	25	340	18	360	11																
1000	340	21	340	27	330	16	10	22																
1500	320	21	300	30	340	17																		
2000	330	22	300	20																				
3000	310	23																						
4000	330	30																						
5000																								
6000																								
7000																								
8000																								

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

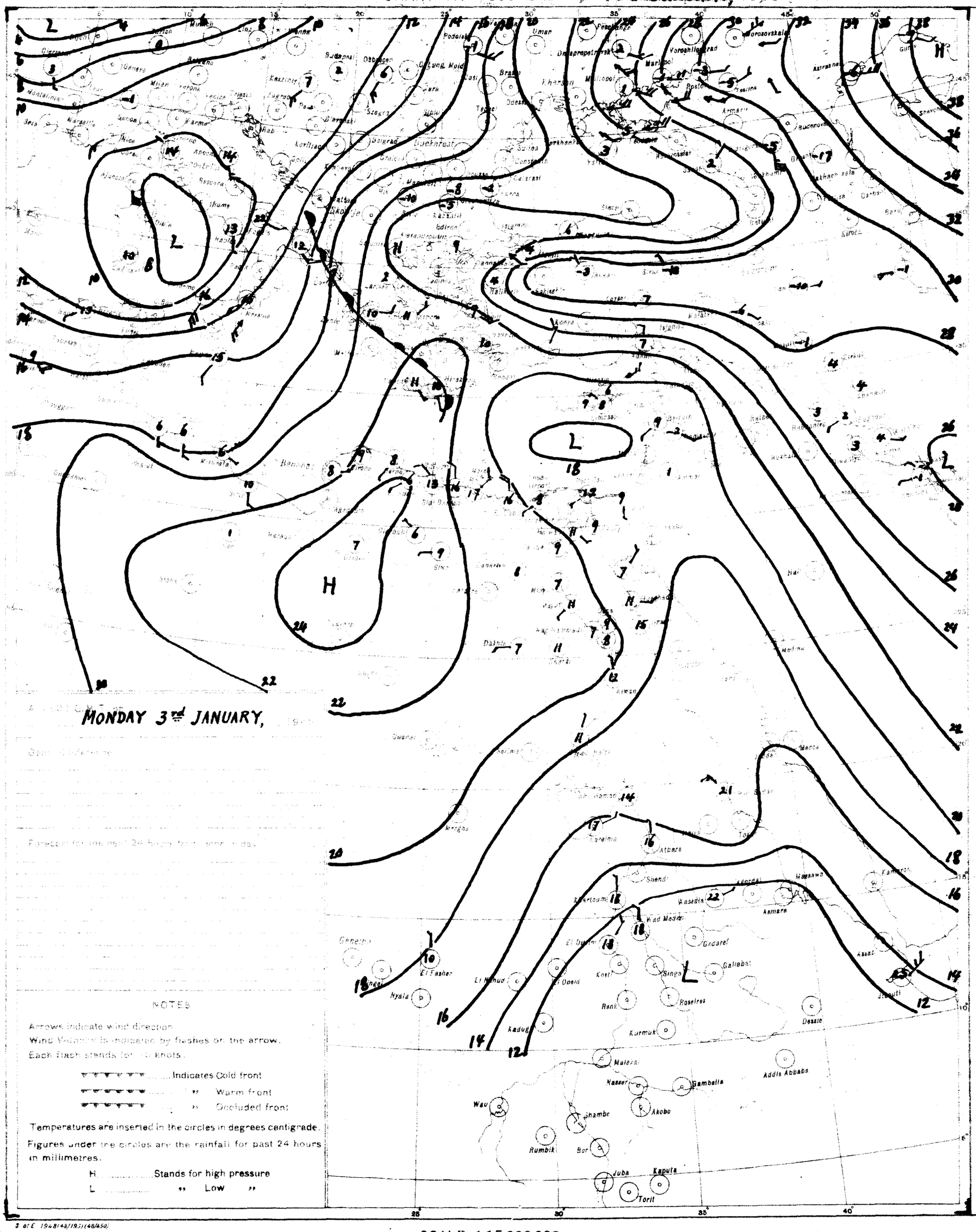
Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

F.G.

Form No 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 3rd JANUARY, 1949


Podolsk
Uman
Dnepropetrovsk
Voroshilovgrad
Marioupol
Rostov
Morozovskaya
Astrakhan
Kharkov
Odessa
Brasov
Cluj
Debrecen
Szeged
Budapest
Bucharest
Constanta
Sofia
Belgrade
Zagreb
Milan
Genova
Marseille
Nice
Ajaccio
Palermo
Malta
Tripoli
Benghazi
Alexandria
Cairo
Khartoum
Wadi Medani
Gedaref
Asmara
Massawa
Kassala
Addis Ababa
Gamboela
Akobo
Wau
Juba
Kapoeta
Torit
Rumbik
Bor
Malakal
Kosti
Rank
Roseires
Kurmuk
Dessie
Galliabat
Singa
Kadugli
Hyala
El Fasher
Geneina
Nyala
Shendi
Atbara
Kassala
Tokar
Massawa
Asmara
Dire Dawa
Djibouti
Aden
Mecca
Jeddah
Khartoum
Wadi Medani
Gedaref
Kosti
Rank
Roseires
Kurmuk
Malakal
Kassala
Gamboela
Akobo
Wau
Shambe
Rumbik
Bor
Juba
Kapoeta
Torit
Addis Ababa
Dessie
Asmara
Massawa
Kassala
Atbara
Shendi
Khartoum
Wadi Medani
Gedaref
Galliabat
Singa
Roseires
Kosti
Rank
Kurmuk
Kadugli
El Fasher
Nyala
Geneina
Aden
Djibouti
Dire Dawa
Mecca
Jeddah
Tripoli
Benghazi
Alexandria
Cairo
Malta
Palermo
Ajaccio
Nice
Marseille
Genova
Milan
Belgrade
Zagreb
Sofia
Constanta
Bucharest
Brasov
Cluj
Debrecen
Szeged
Budapest
Odessa
Kharkov
Astrakhan
Rostov
Marioupol
Voroshilovgrad
Dnepropetrovsk
Uman
Podolsk
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CAIRO

Time of Sunrise 04 52 G. M. T.

" " Sunset 15 08 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: TUESDAY 4th JANUARY, 1949

At 1200 on MONDAY 3rd

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	40	07	7	02	0	5	Ac.	20.8	18		10
	62303	SIDI BARÂNI											
	62306	MATRUH	70	09		03	1	2	Cu	20.9	18	66	16
	62309	EL DAB'A	40	22		00	0	0	-	19.1	19	52	9
		ALEXANDRIA	90	08	50	03	1	3	Ac.Cu	17.8	18		
	62318	FOUAD (Airport)	40	04	18	00	0	0	-	19.4	19	32	02
	62330	DAMIETTA	340	05	15	00	0	1	Cu	18.3	19	77	10
	62333	PORT SA'ID	340	08	6	05	0	1	Sc.	18.4	18	73	13
	62336	EL 'ARISH	90	12	35	00	0	0	-	17.0	17	52	07
Lower Egypt	62339	DAMANHUR	40	09	15	03	1	2	Cu	19.9	19	64	12
	62342	MANSURA	360	05	35	00	0	0	-	18.4	20	56	11
	62348	TANTA	00	00	35	02	0	0	-	19.5	20	46	08
	62354	ZAGAZIG	40	02	15	00	0	0	-	19.2	19	60	11
	62441	ISMA'ILIA	290	02	35	02	0	0	-	19.4	21	26	01
Cairo Area	62366	FAROUK (Airport)	220	06	30	00	0	0	-	18.5	18		03
	62372	ALMAZA	340	08	30	00	0	0	-	18.4	18	49	07
		EZBEKIYA	360	03	35	00	0	0	-	18.7	20	38	05
		GÎZA	360	03	35	00	0	0	-	18.6	19	32	02
	62378	HELWÂN	280	05	10	00	0	0	-	18.4	18	30	00
Upper Egypt	62381	FAIYÛM	00	00	35	02	0	0	-	18.6	19	46	07
	62387	MINYA	350	05	18	02	0	1	Ci	18.4	22	31	04
	62393	ASYÛT MANQABAD	310	02	30	02	0	2	Ci	17.2	20	41	06
	62399	NAG' HAMMADI											
	62402	QENA	240	02	50	00	0	0	-	16.3	21	26	01
	62405	LUXOR	00	00	30	00	0	0	-	16.0	25	22	02
	62414	ASWÂN	360	07	50	00	0	0	-	16.0	24	21	00
Oases	62417	SÎWA	320	09	15	00	0	0	-	20.3	22	53	12
	62420	BAHARÎYA	360	01	30	01	1	3	Ac.	19.6	19	52	09
	62423	FARAFRA	220	08	30	02	1	6	As	20.2	23	24	07
	62432	DAKHLA	340	11	35	00	0	2	St,Ci		22	23	00
	62435	KHARGA	20	02	35	00	0	0	-	18.7	23	29	04
Red Sea	62450	SUEZ	00	00	18	02	0	0	-	17.0	20	41	06
	62459	TÛR	310	08	15	00	0	0	-	16.2	20	64	13
	62462	HURGHÂDA	350	04	90	00	0	0	-	16.5	20	56	11
	62465	QUSEIR	320	08	15	02	0	0	-	16.3	21	57	12
	62641	PORT SUDÂN											
North Sudan	62600	WÂDI HALFA											
	62640	ABU HAMAD											
	62660	KAREIMA											
	62680	'ATBARA											
	62721	KHARTUM											
	62730	KASSALA											
Central Sudan	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID											
	62760	EL FÂSHER											
	62770	GENEINA											
S Sudan	62840	MALAKÂL											
	62880	WÂU											
	62941	JUBA											

At 1800 on 3rd

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM												
SIDI BARÂNI	40	05	50	02	1	3	Cu.	22.3	16	77	12	0
MATRUH	90	06	12	00	0	0		22.2	16	82	13	0
EL DAB'A	360	23	15	01	1	4	Cu	17.8	17	68	11	0
ALEXANDRIA	20	09		01	0	0	-	21.9	16	68	10	0
FOUAD (Airport)	70	03	16	01	1	2	Sc.	21.2	14	82	11	0
DAMIETTA	360	09		03	1	2	Cu.	20.2	15	77	11	0
PORT SA'ID	30	12	15	02	0	0	-		16	68	10	0
EL 'ARISH	20	04	35	11	0	0	-		9	75	18	0
DAMANHUR	40	05	7	01	0	0	-	20.8	14	67	08	0
MANSURA	360	02	3	00	0	0	-	21.0	14	77	10	0
TANTA	00	00	35	02	0	0	-	21.5	13	77	09	0
ZAGAZIG	40	02	15	00	0	0	-	21.6	12	94	11	0
ISMA'ILIA	360	02	0.1	02	0	0	-	19.9	14	77	10	0
FAROUK (Airport)	90	09	8	02	0	0	-	20.5	14		09	0
ALMAZA	40	08	12	00	0	0	-	20.7	14		08	0
EZBEKIYA	360	02	15	00	0	0	-	20.6	13.0	88	11	0
GÎZA	360	02	15	00	0	0	-	20.6	14	77	10	0
HELWÂN	360	09	10	00	0	0	-	20.4	15	68	09	0
FAIYÛM	00	00	35	02	0	0	-	19.5	13	67	07	0
MINYA	00	00	8	00	0	0	-	19.2	10	76	06	0
ASYÛT MANQABAD												
NAG' HAMMADI	00	00	35	00	0	0	-	16.7	13	41	00	0
QENA	240	05	7	00	0	0	-	16.7	15	59	07	0
LUXOR	180	03	16	00	0	0	-	16.8	16	52	-01	0
ASWÂN	00	00	50	00	0	0	-	16.7	20	18	-05	0
SÎWA	00	00	7	00	0	0	-	24.4	13	55	04	0
BAHARÎYA	00	00	18	00	1	0	Ci.Cs		12	72	07	0
FARAFRA	220	6		00	0	0	—	21.0	14	67	8	0
DAKHLA	220	03	35	00	0	0	-	19.1	13	88	11	0
KHARGA	00	00	7	00	0	0	-	19.4	16	94	15	0
SUEZ	00	00	15	02	0	0	-	18.6	14	67	08	0
TÛR	20	03	15	00	0	0	-	16.2	17	52	07	0
HURGHÂDA	260	08	175	04	0	0	-	16.6	14	52	04	0
QUSEIR	330	05	15	02	0	0	-	16.6	13	82	10	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on TUESDAY 4th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
SALUM	00	00	7	00	0	1	Ac.	22.2		14			9		77	10	0		
SIDI BARÂNI	180	01	50	02	1	3	Cu	22.4		10	18		9		88	08	0	157	
MATRUH	120	3	12	00	1	0	-	22.4		12	19				77	08	0	121	
EL DAB'A	40	12		00	0	3		22.4		16			13		68	10	0	94	
ALEXANDRIA	40	05	50	03	1	3	Cu.	23.1	+4.1	16	20	+1	15	+4	59	08	0	140	103
FOUAD (Airport)	50	04	18	01	8	2	Cu,Sc.	23.0		13	19		10		82	10	6	119	74
DAMIETTA	20	05		03	2	7	Sc.	22.4	+4.4	15	19		11		68	09	0	59	43
PORT SA'ID	50	11	15	01	1	2	Sc.	22.5		16	19		15		59	08	0	17	
EL 'ARISH			35	01	1	0	—											32	35
DAMANHUR	40	05	3	02	0	0	-	22.8	+4.2	11	20	0	7	-1	88	09	0	26	39
MANSURA	20	05	35	00	0	0	-	22.7	+4.1	13	21	+1			67	07	0	12	17
TANTA	00	00	35	02	0	0	-	23.1	+4.0	9	20	0	4	-3	88	07	0	9	14
ZAGAZIG	40	02	15	00	0	0	-	22.6	+3.5	11	21	+1	4	-3	82	08	0	3	10
ISMA'ILIA	20	02	15	01	0	0	-	23.5		11	22		8		77	07	0	5	
FAROUK (Airport)	00	00	8	02	0	0	-	21.3		10	19		8			08	0	tr	
ALMAZA	70	04	11	00	0	0	-	22.3	+2.9	10	19		7			08		2	
EZBEKIYA	340	02	07	10	0	0	-	22.4	+3.0	10	20	0	9	+1	88	08	0	6	9
GÎZA	340	02	07	10	0	0	-	22.7	+3.1	6	21	+2	6	0	95	06	0	12	10
HELWÂN	20	13	07	00	0	0	-	22.0	+2.4	13	20	+1	11	+2	68	07	0	6	9
FAIYÛM	00	00	15	02	0	0	-	22.6	+3.2	11	21	0	8	+2	88	09	0	tr	3
MINYA	360	08	3.0	10	0	0	-	21.4		8	22	+2	5		88	06	0	4	
ASYÛT MANQABAD	290	05	18	00	0	0	-	20.9		8			5		95	08	0	6	
NAG' HAMMÂDI	270	01	35	00	0	0	-	19.4	-3.4	8	24		4		71	03	0	0	
QENA	270	02	15	00	0	0	-	19.4	+0.4	10	22	-1	7	0	67	04	0	tr	
LUXOR	00	00	30	00	0	0	-	18.6		10	26		4		47	-01	0	tr	
ASWÂN	00	00	50	00	0	0	-	18.6		12	25	+2	8	-3	55	03	0	tr	
SÎWA	00	00	15	00	0	0	-	22.4	+1.7	9	23	+3	4	0	62	02	0	0	5
BAHARÎYA	00	00	30	00	0	0	-	22.6	+2.3	10			7	+2	88	08	0	tr	4
FARAFRA	360	01	30	00	0	0	-	22.7		9			5		88	7	0	tr	
DAKHLA	320	03	35	00	0	0	-	21.7	+1.1	7	22	0	1	-4	87	05	0	tr	
KHARGA	00	00	35	00	0	0	-	20.4	+1.0	12	24	+2	7	0	63	05	0	0	
SUEZ	00	00	0.75	10	4	0	-	20.8	+1.9	10	22	+2	8	-2	95	10	0	12	9
TÛR	40	09	35	00	0	0	-	17.5	-0.5	10	22	+1	7	-2	62	03	0	0	7
HURGHÂDA	290	10	90	00	0	1	Cu	17.5		13	21		11		77	09	1	tr	
QUSEIR	310	16	15	02	0	0	-	17.5	-0.2	17	22	-1	15	+1	52	07	0	0	4
PORT SUDÂN			30	00	2	7	Sc.	16.7		32			19			17	0	34	84
WÂDI HALFA	340	07	30	01	0	1	Ci	17.6		10	27		8		41	-03	0	tr	
ABU HAMAD	50	13	30	00	0	0	-	14.1		16	32		14		34	00	0		
KAREIMA	70	01	30	00	0	0	-	15.1		16	32		13		39	02	0	3	1
'ATBARA																		7	2
KHARTUM	20	09	30	00	0	0	-	12.2		19	27		10		32	02	0	10	4
KASSALA																		2	8
WÂD MEDANI	20	09	35	01	1	5	CcCi			26	33		16		41	07	0	11	12
RENK	360	05	35	00	0	0	-	11.4		21	33		12		25	00	0	0	49
ROSEIRES																		2	36
EL OBEID	340	06	30	00	0	0	-	12.4		18	33		14		24	-03	0	0	16
EL FÂSHER	20	05	30	00	0	0	-			10	31		9		41	-03	0	0	6
GENEINA	20	07	30	00	0	0	-			16	32				20	-07	0	-	4
MALAKÂL																		69	88
WÂU																		261	143
JUBA																		129	144

UPPER AIR OBSERVATIONS

Aeroplane Ascent

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

Remarks

RAWINSONDE

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

HUMIDITY

Mean of day

Station	On 3rd	Diff. from normal
Alexandria	68	+2
Ezbekiya	56	-13
Gîza	57	-17
Helwân	48	-10

GÎZA

GRASS MINIMUM TEMP.

ON 4th 1.4 °C.

Remarks

UPPER WIND OBSERVATIONS on 3rd

Station	FOUAD AIRP. Dir.	Vel.	PORT SAID Dir.	Vel.	MINYA Dir.	Vel.
Time	15		14		15	
Height m.						
300	360	10	10	13	350	19
600	10	15	10	14	350	20
1000	10	15	10	12	340	17
1500	20	16			350	16
2000	20	19				
3000						
4000						
5000						
6000						
7000						
8000						

UPPER WIND OBSERVATIONS on 4th

Station	SIDI BARANI Dir.	Vel.	MATRUH Dir.	Vel.	FOUAD AIRPORT Dir.	Vel.	PORT SAID Dir.	Vel.	EL 'ARISH Dir.	Vel.	HELWAN Dir.	Vel.	MINYA Dir.	Vel.	ASYUT MANQABAD Dir.	Vel.	LUXOR Dir.	Vel.	ASWAN Dir.	Vel.	HURGHADA Dir.	Vel.	ALMAZA Dir.	Vel.
Time	5		5		3		4				7		3						5		9		8	30
Height m.																								
300	80	9	60	10	50	6	20	16			40	12	20	23					360	9	320	17	30	10
600	70	10	50	13	20	7	30	13			40	26	30	30					10	12	320	23	40	9
1000	70	9	40	16	360	3	20	9			40	24	30	18					40	22	320	20	40	8
1500	ENT.Cu		ENT.Sc.		40	7	30	16			40	15	50	8					10	16	40	16	40	8
2000							30	17			20	26							340	16	10	12	30	8
3000											340	26											30	7
4000																								
5000																								
6000																								
7000																								
8000																								

Station	SÎWA Dir.	Vel.	BAHARÎYA Dir.	Vel.	DAKHLA Dir.	Vel.	KHARGA Dir.	Vel.	WÂDI HALFA Dir.	Vel.	ABU HAMAD Dir.	Vel.	KAREIMA Dir.	Vel.	KHARTUM Dir.	Vel.	KASSALA Dir.	Vel.	EL OBEID Dir.	Vel.	EL FÂSHER Dir.	Vel.	MALAKÂL Dir.	Vel.
Time	5		5		5		6	15																
Height m.																								
300	80	16	50	26	10	15	10	14																
600	90	21	60	36	40	22	10	29																
1000	100	21	50	45	30	23	360	32																
1500	40	19	50	30	20	25																		
2000	50	10	50	32	360	32																		
3000	360	16	30	33																				
4000	350	18	30	31																				
5000	320	16																						
6000																								
7000																								
8000																								

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

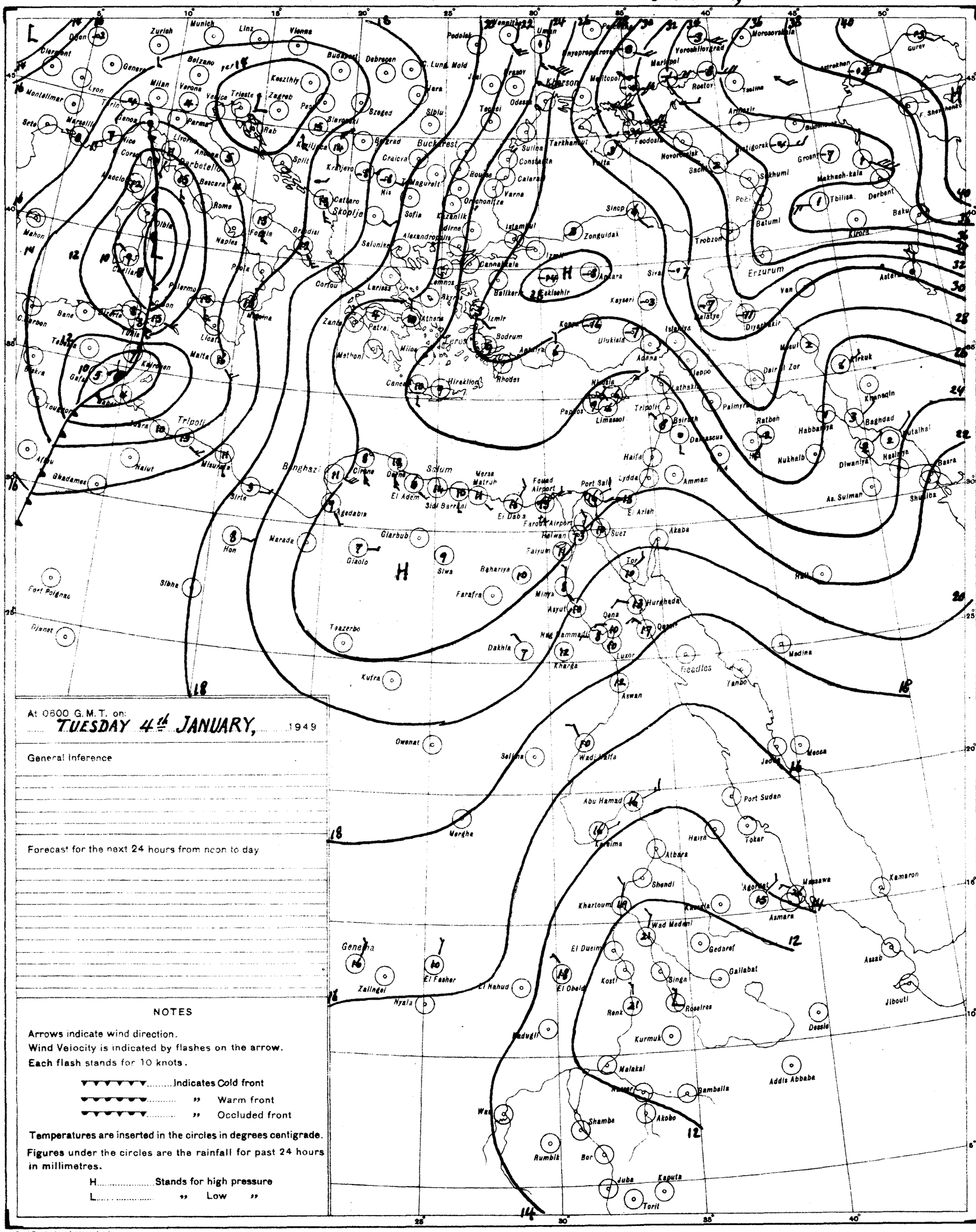
Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Z.A.S

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 4th JANUARY, 1949


Zurich
Munich
Linz
Vienna
Budapest
Debrecen
Belgrad
Bucharest
Sofia
Skoplje
Salonika
Athens
Istanbul
Ankara
Izmir
Rhodes
Nicosia
Tripoli
Benghazi
Cairo
Alexandria
Port Said
Suez
Khartoum
Asmara
Massawa
Addis Ababa
Aden
Port Sudan
Jeddah
Mecca
Medina
Aswan
Luxor
Kharga
Asyut
Minya
Tbilisa
Baku
Batumi
Erzurum
Trebizon
Sinop
Zonguldak
Kayseri
Adana
Aleppo
Beirut
Damascus
Haifa
Lydda
Amman
Akaba
Basra
Baghdad
Mosul
Kirkuk
Tehran
Kirovsk
Murmansk
Rostov
Kherson
Odessa
Kishinev
Bucharest
Budapest
Belgrade
Sofia
Athens
Malta
Palermo
Naples
Rome
Marseille
Lyon
Paris
Madrid
Lisbon
Gibraltar
Algiers
Tunis
Tripoli
Benghazi
Cairo
Khartoum
Asmara
Addis Ababa
Nairobi
Kampala
Juba
Torit
Port Sudan
Kassala
Gedaref
Wad Medani
El Obeid
El Fasher
Geneina
Zalingei
Nyala
Kosti
Renk
Malakal
Bor
Rumbik
Wau
Shambe
Akobo
Bambella
Kurmuk
Dessie
Asmara
Massawa
Kamaron
Assab
Djibouti
Berbera
Mogadishu
Kismayu
Lamu
Mombasa
Tanga
Dar es Salaam
Zanzibar
Tabora
Mwanza
Kisumu
Eldoret
Nairobi
Kampala
Entebbe
Kigoma
Bujumbura
Kitale
Lodwar
Wajir
Mandera
Kassala
Port Sudan
Tokar
Haiya
Atbara
Shendi
Khartoum
Wad Medani
Gedaref
Gallabat
Singa
Roseires
El Dueim
Kosti
Renk
El Obeid
El Nahud
Nyala
Zalingei
Geneina
El Fasher
Kutum
Dongola
Wadi Halfa
Abu Hamad
Kerima
Berber
Atbara
Shendi
Khartoum
Wad Medani
Gedaref
Gallabat
Asmara
Massawa
Kamaron
Assab
Djibouti
Dessie
Addis Ababa
Bambella
Akobo
Shambe
Bor
Rumbik
Juba
Kaputa
Torit
Wau
Malakal
Kurmuk
Dongola
Wadi Halfa
Abu Hamad
Berber
Kerima
Port Sudan
Tokar
Haiya

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

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

Form No 7 F.

DAILY WEATHER REPORT

Date: WEDNESDAY 5th JANUARY, 1949

At 1200 on Tuesday 4th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	40	10	7	03	1	5	Ac	21.5	18	73	13
	62303	SIDI BARANI	350	5	50	02	1	4	Cu		18	73	13
	62306	MATRUH	90	8	18	02	1	6	Sc	22.7	18	60	10
	62309	EL DABA	40	11		02	1	3	Cu	21.5	18	60	10
		ALEXANDRIA	40	10	50	03	2	0	Sc	21.8	18	52	8
	62318	FOUAD (Airport)	90	6	18	03	1	3	Cu	21.9	19	64	12
	62330	DAMIETTA	20	5	15	01	0	2	Cu	21.5	17	60	9
	62333	PORT SAID	60	16	30	02	0	1	Sc	21.3	17	60	9
	62336	EL 'ARISH	40	30	35	01	0	0	—	21.9	16	30	-2
Lower Egypt	62339	DAMANHUR	90	12	15	02	0	0	—	22.6	18	52	8
	62342	MANSURA	40	9	35	03	2	5	Cu	21.8	19	52	9
	62346	TANTA	360	13	35	03	1	2	Cu	22.0	19	46	7
	62354	ZAGAZIG	40	2	15	00	0	0	—	21.1	18	49	7
	62441	ISMA'ILIA	20	15	15	01	0	0	—	21.9	19	37	4
Cairo Area	62366	FAROUK (Airport)	90	15	18	02	0	1	Sc	20.2	19	37	4
	62373	ALMAZA	40	12	30	00	0	1	Cu	20.2	19	45	7
		EZBEKIYA	40	5	15	00	0	1	Cu	20.7	20	46	8
		GIZA	40	5	15	00	0	1	Cu	20.4	19	43	6
	62378	HELWAN	50	16	15	00	0	0	—	19.6	19	39	5
Upper Egypt	62381	FAIYUM	40	5	35	02	0	0	—	19.5	20	46	8
	62387	MINYA	10	13	18	00	0	0	—	19.0	20	53	10
	62393	ASYUT MANQABAD	360	9	30	00	0	0	—	17.5	20	38	5
	62399	NAG' HAMMADI	00	0	35	00	0	0	—	16.2	22	44	9
	62402	QENA	270	2	50	00	0	0	—	16.8	19	43	6
	62405	LUXOR	30	1	30	00	0	0	—	16.2	21	38	6
	62414	ASWAN	340	6	50	00	0	0	—	15.8	23	24	1
Oases	62417	SIWA	270	9	15	00	0	0	—	22.0	21	57	12
	62420	BAHARIYA	40	4	18	00	0	0	—	20.6	19	52	9
	62423	FARAFRA											
	62432	DAKHLA	40	6	50	00	0	0	—	18.3	21	65	14
	62435	KHARGA	20	1	35	00	0	0	—	18.6	21	33	4
Red Sea	62450	SUEZ	40	10	36	02	0	0	—	19.1	18	52	8
	62459	TOR	310	3	8	00	0	0	—	17.0	23	38	8
	62462	HURGHADA	340	15		00	0	0	—	17.6	19	64	12
	62465	QUSEIR	360	12	15	03	1	3	Ac	18.3	20	64	13
	62641	PORT SUDAN											
Northern Sudan	62600	WADI HALFA											
	62640	ABU HAMAD											
	62660	KAREIMA	50	6	30	00	0	0	—	11.3	29	15	0
	62680	ATBARA	50	9	00	00	0	0	—	8.3	31	13	0
	62721	KHARTUM	20	9	30	00	0	0	—	7.4	33	19	6
	62730	KASSALA	50	5	30	00	0	0	—	5.1	33	26	11
Central Sudan	62751	WAD MEDANI	360	5	35	00	0	0	—	5.4	34		
	62801	RENK	50	5	50	00	0	0	—		31	29	11
	62802	ROSEIRES	340	5	35	00	0	0	—		35	22	10
	62771	EL OBEID	360	9	30	00	0	0	—	7.0	23	12	—
	62760	EL FASHER	90	9	30	00	0	2	Cu		31	16	2
	62770	GENEINA											
S. Sudan	62840	MALAKAL	20	9	10	04	0	0	—	4.7	35	13	3
	62880	WAU	150	7	30	00	0	0	—	3.8	37	12	3
	62941	JUBA	20	9	30	01	0	1	Cu	3.6	36	22	11

At 1800 on Tuesday 4th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	140	4	7	01	0	3	Ac	21.9	16	77	12	0
SIDI BARANI	120	4	35	02	1	3	Cu	22.8	12	95	12	0
MATRUH	100	8	12	01	1	4	Sc, Ac	22.9	12	82	9	0
EL DABA	40	13		01	0	0	—			52	8	0
ALEXANDRIA	90	9	7	01	0	0	—	22.8	14	55	5	0
FOUAD (Airport)	40	2	14	00	1	0	—	22.7	11	88	8	0
DAMIETTA	40	5		01	0	1	Cu	21.9	14	77	10	0
PORT SAID	60	10	15	02	0	0	—	22.2	15	63	8	0
EL 'ARISH	270	6	35	00	0	0	—		12	47	1	0
DAMANHUR	90	9	7	02	0	0	—	22.7	12	77	8	0
MANSURA	20	5	3	00	1	0	—	23.6	13	77	9	0
TANTA	00	0	35	01	0	0	—	23.1	12	77	8	0
ZAGAZIG	40	2	15	00	0	0	—	22.6	12	77	8	0
ISMA'ILIA	360	2	15	02	0	0	—	21.6	12	63	5	0
FAROUK (Airport)	80	11	16	00	0	0	—	21.5	13	63	6	0
ALMAZA	40	11	18	00	0	0	—	21.3	15	50	4	0
EZBEKIYA	360	1	15	00	0	0	—	21.8	12	77	8	0
GIZA	360	1	15	00	0	0	—	21.5	14	59	6	0
HELWAN	50	5	15	00	0	0	—	21.0	14	55	5	0
FAIYUM	00	0	35	02	0	0	—	20.4	13	77	9	0
MINYA	10	8	12	00	0	0	—	19.2	12	72	7	0
ASYUT MANQABAD												
NAG' HAMMADI	00	0	35	00	0	0	—	17.0	13	77	9	0
QENA	240	5	7	00	0	0	—	17.5	14	55	5	0
LUXOR	00	0	15	00	0	0	—	17.2	14	36	-1	0
ASWAN	360	6	50	00	0	0	—	16.4	18	26	-2	0
SIWA	00	0	7	00	0	0	—	22.0	11	77	7	0
BAHARIYA	310	2	16	00	0	0	—	21.0	14	55	5	0
FARAFRA	40	1		00	1	0	—	21.2	10	76	6	0
DAKHLA	360	3	35	00	0	0	—		16	59	8	0
KHARGA	00	0	15	00	0	0	—	19.0	15	39	1	0
SUEZ	00	0	15	02	0	0	—	20.0	12	63	5	0
TOR	40		15	00	0	0	—	17.4	17	68	11	0
HURGHADA	320	9	50	00	0	0	—	18.4	18	73	13	0
QUSEIR	330	12	14	02	1			17.1	16	77	12	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on Wednesday 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.	Bar Pressure Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	220	11	7	03	2	7	Ac	21.1		13	19		10		88	11	0		
SIDI BARANI	120	6	35	01	2	8	As, Ci	21.9		12	19		9		77	8	0	157	
MATRUH	210	2	13	02	1	6	Sc	22.6		11	19		9		88	9	0	121	
EL DABA	180	12		01	1	4	Cu	22.7		11	21		7		77	7	0	94	
ALEXANDRIA	90	6	50	03	1	0	—	22.3	+3.3	14	19	0	11	0	67	8	0	140	105
FOUAD (Airport)	70	2	10	01	0	1	Sc, Ci	22.2		10	19		7		95	10	0	119	75
DAMIETTA	70	5		03	0	2	Cu	22.3	+4.3	15	17		9		77	11	0	59	44
PORT SAID	70	12	12	02	0	1	Sc	22.4		16	18		15		59	8	0	17	
EL 'ARISH			35	02	0	0	—				20	+1					0	32	36
DAMANHUR	90	9	3	01	1	1	Ci	22.8	+4.2	10	19	-1	6	-2	88	8	0	26	40
MANSURA	40	5	35	00	0	0	—	22.3	+3.8	13	21	+1	9	+1	77	9	0	12	17
TANTA	00	0	35	02	0	0	—	22.6	+3.5	7	20	0	4	-3	95	7	0	9	15
ZAGAZIG	40	2	15	00	0	0	—	22.3	+3.2	4	20	0	2	-5	95	4	0	3	10
ISMA'ILIA	40	2	15	02	0	0	—	22.6		8	20		5		71	3	0	5	
FAROUK (Airport)	80	5	16	00	0	0	—	21.3		7	19		6		76	3	0	tr.	
ALMAZA	30	8	12	05	0	1	Ci	21.7		6	19		4		75	2	0	2	
EZBEKIYA	320	3	7	10	0	—	—	22.0	+2.6	7	21	+1	5	-3	71	2	0	6	9
GIZA	320	3	7	10	0	—	—	21.8	+2.2	4	20	+1	3	-3	93	3	0	12	10
HELWAN	50	2	3	05	0	tr.		21.2	+1.6	10	19	0	9	0	52	1	0	6	9
FAIYUM	20	2	15	02	0	0	—	21.0	+1.6	10	20	-1	6	0	62	3	0	tr	3
MINYA	00	0	6	00	0	0	—	19.9	0.0	6	21		4	-2	81	3	0	4	
ASYUT MANQABAD	270	2	12	00	0	0	—	18.6		9	21		6		71	4	0	0	
NAG' HAMMADI	00	0	35	00	0	0	—			7	23		4		87	5	0	0	
QENA	320	2	15	00	0	0	—			10	21	-2	7	0	62	3	0	tr.	
LUXOR	40	2	18	00	0	0	—	18.2		10	22		5		62	3	0	tr.	
ASWAN	360	3	50	00	0	0	—	18.3	-0.8	11	23	0	8	-3	63	4	0	tr.	
SIWA	00	0	15	00	0	0	—	21.9	+1.2	9	22	+2	4	0	62	2	0	0	5
BAHARIYA	360	2	30	01	1	3	Sc	21.4	+1.1	9	23	+3	5	0	88	7	0	tr.	4
FARAFRA	40	8	30	00	0	0	—	21.9		8	20		3		88	6	0	tr.	
DAKHLA	00	0	35	00	0	0	—			8	22	0	4	-1	82	5	0	tr.	
KHARGA	00	0	35	00	0	0	—	19.9	+0.5	11	22	0	6	-1	67	5	0	0	
SUEZ	00	0	15	02	0	0	—	21.1	+2.2	9	19	-1	6	-4	62	2	0	12	9
TOR	40	6	35	00	0	0	—	20.0	+2.0	9	22	+1	6	-3	62	2	0	0	7
HURGHADA	270	9	—	00	0	2	Cu, Ci	18.9		11	19		7		63	4	0	tr.	
QUSEIR	330	12	35	02	0	0	—	18.2	+0.5	17	21	-2	15	+1	68	11	0	0	4
PORT SUDAN																	0	34	85
WADI HALFA																	0	tr.	
ABU HAMAD																	0	—	
KAREIMA																	0	3	1
ATBARA																	0	7	2
KHARTUM																	0	10	4
KASSALA																	0	2	8
WAD MEDANI																	0	11	12
RENK																	0	0	49
ROSEIRES																	0	2	36
EL OBEID																	0	0	16
EL FASHER																	0	0	6
GENEINA																		—	4
MALAKAL																	0	69	88
WAU																	0	261	143
JUBA																	0	129	144

UPPER AIR OBSERVATIONS

HUMIDITY % Mean of day

Station	On 4th	Diff. from normal
Alexandria	56	-10
Ezbekiya	75	+6
Giza	71	-3
Helwan	5*	0

GIZA GRASS MINIMUM TEMP. ON 5th -0.2 °C

Remarks

Aerological Ascent

RAWINSONDE — Farouk A.P. Airport, On 5th At 4

Pressure mbs.	Height above M.S.L. feet	Dry °C	Wet °C	Pressure mbs.	Height above M.S.L. metres	Temp °C.	Humid. %	Wind Dir.	Wind Vel.
1000				1000	168	10	58	40	4
950				950		11	41		
900				900		15	48		
850				850	1533	13		50	11
800				800		8	58		
700				700	3120	2		10	8
600				600					
500				500					
400				400					
300				300					

Remarks

Airport On At — Pressure, Height above M.S.L. feet, Temp °C, Humid. %, Wind Dir., Wind Vel.

Airport On At — Pressure mbs., Height above M.S.L. feet, Temp °C, Humid. %, Wind Dir., Wind Vel.

Airport On At — Pressure mbs., Height above M.S.L. feet, Temp °C, Humid. %, Wind Dir., Wind Vel.

UPPER WIND OBSERVATIONS on 4th

Height m.	Matruh Dir.	Matruh Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	Minya Dir.	Minya Vel.
Time	14		15		14 30	
300	70	12	40	8	350	25
600	60	14	50	9	360	23
1000	60	10	40	9	30	25
1500	70	12	50	10	360	14
2000					10	16
3000						
4000						
5000						
6000						
7000						
8000						

UPPER WIND OBSERVATIONS on 5th

Station	Sidi Barani Dir.	Sidi Barani Vel.	Matruh Dir.	Matruh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arish Dir.	El 'Arish Vel.	Helwan Dir.	Helwan Vel.	Minya Dir.	Minya Vel.	Asyut Manqabad Dir.	Asyut Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswan Dir.	Aswan Vel.	Hurghada Dir.	Hurghada Vel.	Farouk A.P. Dir.	Farouk A.P. Vel.
Time	5		5		3 30								3						5		9		4	
300	110	28	80	19	70	21							30	10					350	5	310	8	50	17
600	100	23	80	18	60	25							90	16					50	17	30	4	60	26
1000	90	22	90	16	50	27							60	10					80	18	50	8	60	22
1500	100	16			80	30							60	23					50	17			50	12
2000	70	10											30	13					40	11			50	9
3000																							10	8
4000																							340	17
5000																							340	15
6000																							330	23
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	5		5		5		6 15																	
300	100	33	60	17	60	8	40	9																
600	100	36	70	32	70	17	50	12																
1000	90	33	80	40	70	23	90	15																
1500	120	19	70	19	80	13	60	8																
2000	90	12	70	22	30	14	350	6																
3000	60	8	70	6	360	17																		
4000	20	7	40	16																				
5000			10	16																				
6000																								
7000																								
8000																								

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

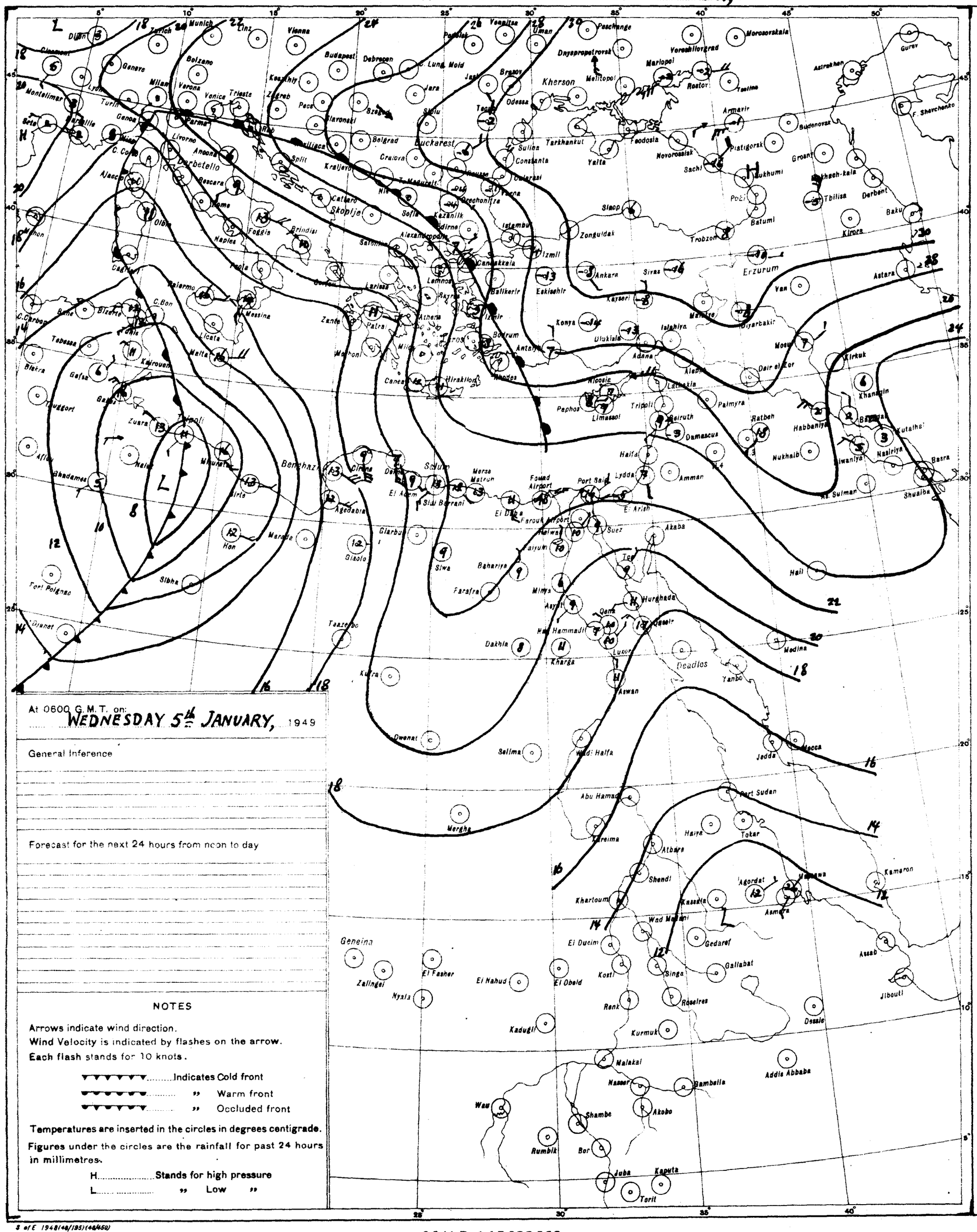
Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

F.G.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 5th JANUARY, 1949


Dijon
Zurich
Munich
Linz
Vienna
Venezia
Uman
Peschange
Dnyepropetrovsk
Voroshilovgrad
Mariopol
Rostov
Taganrog
Morozovskaya
Astrakhan
Gurev
F. Shevchenko
Budenovsk
Groznyi
Makhach-kala
Derbent
Baku
Tbilisa
Kirova
Astara
Erzurum
Van
Diyarbakir
Mosul
Kirkuk
Khanagin
Kutalha
Nasiriya
Basra
Shualba
Nukhaib
Habbaniya
Ratbeh
Palmyra
Damascus
Beirut
Tripoli
Latakia
Aleppo
Adana
Dair el Zor
Nicosia
Paphos
Limassol
Haifa
Lydda
Amman
Port Said
Suez
Akaba
Tor
Hail
Medina
Jedda
Mecca
Port Sudan
Tokar
Haiya
Atbara
Shendi
Khartoum
Kassala
Agordat
Asmara
Massawa
Kamaron
Assab
Jibouti
Addis Abbaba
Geneina
Zalingei
Nyala
El Fasher
El Nahud
El Obeid
Kosti
Singa
Gedaref
Gallabat
Renk
Roseires
Kadugli
Kurmuk
Malakal
Nasser
Bamballa
Akobo
Wau
Shambe
Rumbik
Bor
Juba
Kaputa
Torit
Dessie
Kharga
Dakhla
Aswan
Luxor
Qena
Hurghada
Qoseir
Deadles
Yanbo
Wadi Halfa
Abu Hamad
Merghe
Dongola
Dwanat
Salima
Sidi Barrani
Mersa Matruh
Fouad Airport
Farouk Airport
Helwan
Fayum
Baharia
Farafra
Siwa
Minya
Asyut
Tripoli
Benghazi
Sirte
Misurata
Zuara
Gafsa
Tebessa
Biskra
Tuggort
Algiers
Bone
Bizerte
Tunis
Kairouan
Malta
Palermo
Messina
Catania
Naples
Foggia
Brindisi
Rome
Ancona
Livorno
Genoa
Milan
Turin
Marseille
Montelimar
Cannes
Genova
Bolzano
Verona
Venice
Trieste
Zagreb
Split
Kraljevo
Belgrad
Sofia
Skoptje
Salonika
Larissa
Patras
Zante
Athens
Lemnos
Canakkale
Balikesir
Izmir
Bodrum
Antalya
Rhodes
Iraklion
Canea
Malta
Ajaccio
Bucharest
Constanta
Sulina
Tarkhankut
Yalta
Sevastopol
Odessa
Kherson
Melitopol
Sinop
Zonguldak
Trabzon
Ankara
Sivas
Kayseri
Konya
Eskisehir
Istanbul
Izmit
Isparta
Malatya
Adana
Tiflis
Batumi
Novorossiysk
Sochi
Pozi
Sukhumi
Piatigorsk
Armavir
Teodosia
Budapest
Debrecen
Cluj
Jassy
Brasov
Craiova
Pecs
Szeged
Belgrad
Kazanlik
Edirne
Alexandropolis
Cagliari
Oran
Algiers
Tunis

CAIRO
Time of Sunrise 0H 52 G. M. T.
" " Sunset 15 10 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: THURSDAY 6th JANUARY, 1949

At 1200 on WEDNESDAY 5th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
Mediterranean	62300	SALUM	110	13	7	03	1	0	–	21.0	18	60	10	0
	62303	SIDI BARANI	100	14	35	02	2	8	Cs	21.4	18	60	10	0
	62306	MATRUH	130	15	14	03	1	7	Sc,Ac	21.8	16	68	10	0
	62309	EL DABA	70	30		02	1	4	Cu	20.6	18	52	08	0
		ALEXANDRIA	60	11	50	02	2	3	Ci	21.2	17	60	09	0
	62318	FOUAD (Airport)	90	14	18	03	1	5	Cu,Ci	21.2	19	52	09	0
	62330	DAMIETTA	40	05	15	01	0	1	Cu	21.2	18	56	09	0
	62333	PORT SA'ID	00	00	30	02	0	1	Cu,As	21.2	18	60	10	0
	62336	EL 'ARISH	90	19	35	00	0	0	–	19.1	17	34	01	
Lower Egypt	62339	DAMANHUR	130	17	15	03	1	1	Cc	21.2	19	52	09	0
	62342	MANSURA	40	09	35	01	1	4	Ac	21.2	20	56	11	0
	62348	TANTA	90	13	35	02	0	0	–	21.4	20	46	08	0
	62354	ZAGAZIG	40	02	15	00	0	0	–	19.9	19	59	06	0
	62441	ISMAILIA	20	02	15	02	0	0	–	21.1	19	16	-08	0
Cairo Area	62366	FAROUK (Airport)	90	23	18	02	0	1	Ci	19.1	19		04	0
	62372	ALMAZA	40	16	18	03	0	3	Ci	19.9	19	19	-07	0
		EZBEKIYA	70	04	15	00	0	1	Ci	19.9	20	17	-06	0
		GIZA	70	04	15	00	0	1	Ci	19.5	20	11	-12	0
	62378	HELWAN	04	24	30	00	0	0	–	18.6	20	07	-17	0
Upper Egypt	62381	FAIYUM	20	40	35	03	1	3	Ci	18.4	21	38	06	0
	62387	MINYA	360	03	12	03	0	0		17.8	20	46	08	0
	62393	ASYUT MANQABAD	00	00	30	03	0	2	Cu,Sc	16.7	21	44	08	
	62399	NAG' HAMMADI	00	00	–	00	0	0	–	16.0	22	36	06	0
	62402	QENA	240	02	50	00	0	0	–	16.0	22	44	09	0
	62405	LUXOR	20	08	30	03	0	1	Cc	15.3	23	36	07	0
	62414	ASWAN	70	02	50	00	0	0	–	14.6	25	26	04	0
Oases	62417	SIWA	70	10	15	00	0	0	–	19.8	19	56	10	0
	62420	BAHARIYA	90	03	30	02	1	6	Ac	19.0	20	33	03	0
	62423	FARAFRA												
	62432	DAKHLA	140	03	50	00	1	5	Ci,Fr	18.7	23	34	06	0
	62435	KHARGA	00	00	35	00	0	0	–	17.6	23	29	04	0
Red Sea	62450	SUEZ	20	07	35	02	0	0	–	18.4	19	23	-03	0
	62459	TOR	310	05	15	00	0	0	–		20	56	11	0
	62462	HURGHADA	10	04		00	0	0	–	18.3	19	52	09	0
	62465	QUSEIR	360	16	15	02	0	0	–	17.4	21	65	14	0
	62641	PORT SUDAN												
North Sudan	62600	WADI HALFA												
	62640	ABU HAMAD												
	62660	KAREIMA												
	62680	ATBARA												
	62721	KHARTUM												
	62730	KASSALA												
Central Sudan	62751	WAD MEDANI												
	62801	RENK												
	62802	ROSEIRES												
	62771	EL OBEID												
	62760	EL FASHER												
	62770	GENEINA												
S. Sudan	62840	MALAKAL												
	62880	WAU												
	62941	JUBA												

At 1800 on 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	90	18	7	02	2	0	–	20.4	17	68	11
SIDI BARANI	110	10	35	02	2	8	Ac,Cs	20.2	15	77	11
MATRUH	130	13	12	03	1	4	Sc,Ac	22.1	16	72	11
EL DABA				01	1	0	–	19.1	17	82	07
ALEXANDRIA	90	09	7	01	2	3	Ac,As	23.3	14	77	10
FOUAD (Airport)	90	15	15	03	1	4	Sc	22.8	14	88	12
DAMIETTA	90	13		03	2	6	Ac,Sc	22.3	16	49	05
PORT SA'ID	80	16	15	02	0	1	Ci	22.3	16	64	09
EL 'ARISH			15					21.6	13	88	11
DAMANHUR	130	09	7	03	1	5	Sc	22.0	12	82	09
MANSURA	40	05	3	02	1	0	–	22.4	13	67	07
TANTA	90	02	35	02	0	0	–	23.3	13	77	09
ZAGAZIG	90	05	15	02	0	6	Cu	22.2	11	77	07
ISMAILIA	40	02	15	01	1	5	Ac	22.3	11	88	09
FAROUK (Airport)	80	16	8	03	1	6	Ac	20.9	13		04
ALMAZA	40	13	18	03	1	7	As	21.2	13	37	-04
EZBEKIYA	40	01	15	01	0	5	Ci,Cs	21.2	13	44	01
GIZA	40	02	15	03	0	5	Ci,Cs	21.4	13	38	-01
HELWAN	04	19	30	00	0	0	–	20.7	14	26	-05
FAIYUM	00	00	35	03	2	6	Ci	19.8	13	44	01
MINYA	00	00	8	02	0	2	Ci	19.9	10	76	06
ASYUT MANQABAD	00	00	35	00	0	0	–	17.2	14	67	08
NAG' HAMMADI	270	05	7	00	0	0	–	18.3	14	63	07
QENA	00	00	16	00	0	0	–	17.8	17	52	07
LUXOR	360	05	50	00	0	0	–	16.6	20	35	04
ASWAN	00	00	7	00	0	0	–	19.4	12	63	05
SIWA	90	02	16	02	1	6	Ac	20.4	12	44	00
BAHARIYA									16	59	08
FARAFRA	270	03	35	00	0	0	–				
DAKHLA	00	00	15	00	0	0	–	18.4	18	34	02
KHARGA	20	01	15	00	0	0	–				
SUEZ	00	00	15	00	0	4	Sc,Cu	20.0	11	41	-02
TOR	360	02	15	00	0	0	–	19.1	14	67	08
HURGHADA	300	10	70	01	0	0	–	18.9	14	63	07
QUSEIR	330	16	15	02	0	0	–	18.0	18	60	10

At 0600 on THURSDAY 6th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	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	140	08	7	01	0	0	–	21.4		13	18		11		77	09	0		
SIDI BARANI	120	18	15	02	1	5	Sc	22.3			19		10			11	0	157	
MATRUH	120	18	15	02	1	5	Sc	22.3		16	19		10		59	08	0	121	
EL DABA	140	32		01	1	0	–	23.8		16	21		10		49	05	0	94	
ALEXANDRIA	90	08	50	02	2	3	Cu,Sc	23.8	+4.8	14	20	+1	12	+1	55	05	0	140	167
FOUAD (Airport)	100	07	16	00	0	0	–	23.7		13	19		12		72	08	0	119	77
DAMIETTA	110	19		01	0	1	Cu	24.4	+6.4	15	19		9		59	07	0	59	45
PORT SA'ID	100	25	10	01	0	0	–	24.0		15	19		14		59	07	0	17	
EL 'ARISH	180	12	7	04	4	0	–	23.5	+4.9	7	19		5				0	32	36
DAMANHUR	90	09	3.0	00	0	0	–	24.0	+5.4	9	20	0	7	-1	94	08	0	26	40
MANSURA	90	05	35	00	0	0	–	24.2	+5.7	9	21	+1	8	0	88	07	0	12	18
TANTA	90	16	35	02	0	0	–	23.8	+4.6	9	20	0	4	-3	71	04	0	9	15
ZAGAZIG	40	02	15	00	0	0	–	24.0	+4.9	8	22		2	-5	58	00	0	3	10
ISMAILIA	20	05	15	01	0	0	–	24.4		9	20		4		34	-06	0	5	
FAROUK (Airport)	80	13	30	03	0	0	–	22.5		7	20		5			-01	0	tr	
ALMAZA	60	09	14	03	0	0	–	22.5	+3.1	8	20		6		41	-04	0	2	
EZBEKIYA	320	02	15	03	0	1	Ci	22.6	+3.2	7	21	+1	6	-2	43	-05	0	6	9
GIZA	320	02	15	03	0	1	Ci	22.6	+3.0	8	20	+1	3	-3	43	-04	0	12	11
HELWAN	04	19	15	00	0	0	–	21.2	+4.2	11	20	+1	5	-4	20	-11	0	6	10
FAIYUM	00	00	15	01	1	3	Cs,Ci	21.5	+-1	9	22	+1	5	-1	62	02	0	6	3
MINYA	00	00	3	00	0	2	Ci	20.2		6	20		2		76	02	0	4	
ASYUT MANQABAD	00	00	30	00	0	1	Ci	20.1		9	23	+3	5		62	02	0	0	
NAG' HAMMADI	00	00	35	00	0	0	–	20.0	+0.2	9	26		4		71	04	0	0	
QENA	00	00	15	00	0	0	–	20.4	+1.3	10	23	0	6	-1	50	04	0	tr	
LUXOR	00	00	30	00	0	0	–	19.8		11	24	0	4		71	06	0	tr	
ASWAN	360	04	50	00	0	0	–	19.0	-0.1	13	26	+3	9	-2	59	05	0	tr	
SIWA	00	00	15	00	0	0	–	21.4	+0.7	9	19	-1	7	+3	62	02	0	0	5
BAHARIYA	90	02	30	02	1	0		21.0	+0.7	11	23	+3	6	+1	51	01	0	tr	4
FARAFRA	40	02		03	2	7	As	19.9		8			3		46	-03	0	tr	
DAKHLA	00	00	35	00	0	0	–	18.8	-1.8	8	24	+2	4	-1	58	00	0	tr	
KHARGA	00	00	35	00	0	0	–	19.6	+0.2	14			6	0	45	02	0	0	
SUEZ	00	00	35	01	0	0	–	22.0	+3.1	10	21	+1	5	-5	38	-04	0	12	9
TOR	40	03	35	00	0	0	–	19.9	+1.9	9	22	+1	7	-2	62	02	0	0	7
HURGHADA	270	11		00	0	0	–	19.1		12	20		7		33	-04	0	tr	
QUSEIR	310	12	15	02	0	0	–	18.3	+0.6	17	22	-1	15	+1	52	07	0	0	4
PORT SUDAN																	0	34	85
WADI HALFA																	0	6	
ABU HAMAD																	0	–	
KAREIMA																	0	3	1
'ATBARA																	0	7	2
KHARTUM																	0	10	4
KASSALA																	0	2	8
WAD MEDANI																	0	11	12
RENK																	0	0	49
ROSEIRES																	0	2	36
EL OBEID																	0	0	16
EL FASHER																	0	0	6
GENEINA																	0		4
MALAKAL																	0	69	88
WAU																	0	261	143
JUBA																	0	129	144

HUMIDITY

Mean of day

STATION	On 5th	Diff. from normal
Alexandria	69	+3
Ezbekiya	51	-18
Giza	59	-15
Helwan	35	-23

GIZA

GRASS MINIMUM TEMP.

ON 6th 1.0 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

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

Remarks

RAWINSONDE — On ... At ... AIRPORT

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

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

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

UPPER WIND OBSERVATIONS on 5th

Height m.	MATRUH Dir.	Vel.	MINYA Dir.	Vel.	ALMAZA Dir.	Vel.	FOUAD A.P. Dir.	Vel.	Port Said Dir.	Vel.
Time	14		15		14 45		15		14	
300	90	30	10	19	50	9	80	23	30	26
600	90	31	10	20	60	10	70	24	30	24
1000	70	28	360	20	60	8	60	29	30	29
1500			360	29	50	5	40	30	70	15
2000					30	3	100	31	60	17
3000					30	7				
4000										
5000										
6000										
7000										
8000										

UPPER WIND OBSERVATIONS on 6th

Height m.	SIDI BARANI Dir.	Vel.	MATRUH Dir.	Vel.	FOUAD AIRPORT Dir.	Vel.	PORT SA'ID Dir.	Vel.	EL 'ARISH Dir.	Vel.	HELWAN Dir.	Vel.	MINYA Dir.	Vel.	ASYUT MANQABAD Dir.	Vel.	LUXOR Dir.	Vel.	ASWAN Dir.	Vel.	HURGHADA Dir.	Vel.	Dir.	Vel.
Time	5		5		3		5				6 45		3 30						4		9			
300	100	33	90	35	50	14	80	12			60	22	80	6					60	16	360	6		
600	100	36	90	38	50	14	70	26			70	28	80	11					60	22	360	5		
1000	100	36	90	31	50	15	70	24			70	32	40	11					90	9	360	5		
1500	110	17			80	17	60	20			60	20	60	7										
2000					70	21	40	11			20	17	20	3										
3000											350	20												
4000											330	27												
5000																								
6000																								
7000																								
8000																								

Height m.	SIWA Dir.	Vel.	BAHARIYA Dir.	Vel.	DAKHLA Dir.	Vel.	KHARGA Dir.	Vel.	WADI HALFA Dir.	Vel.	ABU HAMAD Dir.	Vel.	KAREIMA Dir.	Vel.	KHARTUM Dir.	Vel.	KASSALA Dir.	Vel.	EL OBEID Dir.	Vel.	EL FASHER Dir.	Vel.	MALAKAL Dir.	Vel.
Time	5		5		5		6 15																	
300	90	47	70	19	70	3	30	12																
600	100	44	80	23	80	7	70	13																
1000	100	34	80	16	70	5	80	10																
1500	120	22	110	7	150	6	30	5																
2000	190	3	90	13	10	6																		
3000	200	3	320	6	350	13																		
4000	230	4	350	23	330	17																		
5000			330	24																				
6000																								
7000																								
8000																								

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

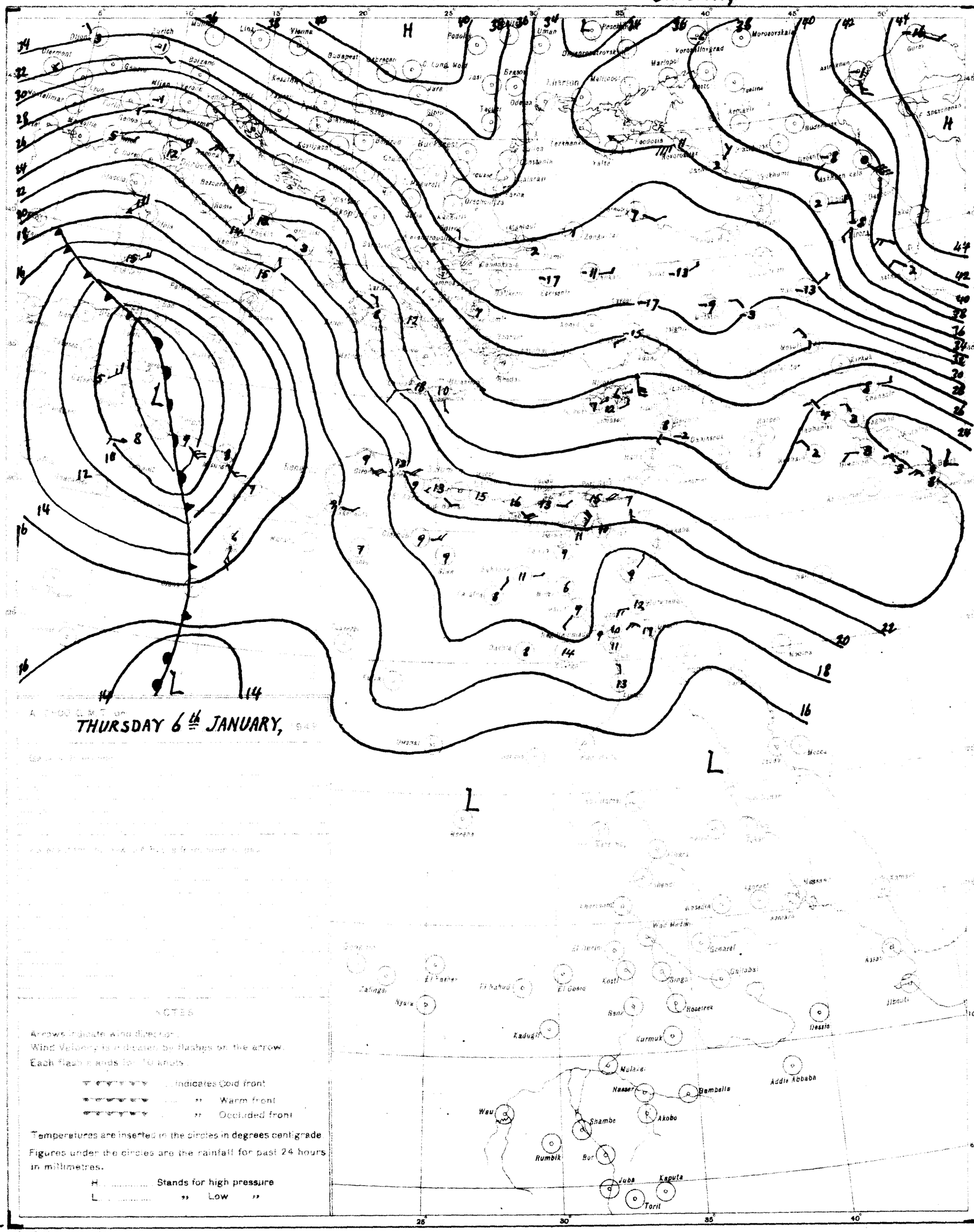
Z.A.S

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form. No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 6th JANUARY, 1949


THURSDAY 6th JANUARY,
Zurich
Linz
Vienna
Budapest
Bucharest
Odessa
Sevastopol
Yalta
Kerch
Rostov
Mariupol
Voroshilovgrad
Dnepropetrovsk
Kharkov
Kiev
Gurev
Tashkent
Tiflis
Baku
Rome
Naples
Palermo
Malaga
Cairo
Khartoum
Wad Medani
Sennar
Gallabat
Asmara
Massaua
Kassala
Kosti
Singa
Roseires
Nyala
El Fasher
El Obeid
Kadugli
Kurmuk
Malakal
Nasser
Bamballa
Addis Ababa
Dessie
Wau
Shambe
Akobo
Rumbik
Bor
Juba
Kaputa
Torit
Jibouti
Zalingei
Kassala
Asmara
Massaua
Kamaran
Aden
Socotra
Mogadishu
Kisumu
Nairobi
Mombasa
Zanzibar
Dar es Salaam
Tanga
Lindi
Tabora
Mwanza
Tanga
Kampala
Entebbe
Gondar
Addis Ababa
Dire Dawa
Harar
Jibouti
Mogadishu
Kisumu
Nairobi
Mombasa
Zanzibar
Dar es Salaam
Tanga
Lindi
Tabora
Mwanza

CAIRO

Time of Sunrise 04 52 G. M. T.

" " Sunset 15 11 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: FRIDAY 7TH JANUARY, 1949

At 1200 on THURSDAY 6TH

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	90	17	3.0	06	3	0	–	21.6	19	52	09
	62303	SIDI BARANI	90	18	50	01	3	1	Sc.Cu	21.9	18	52	08
	62306	MATRUH											
	62309	EL DABA	90	22	5	01	1	0	–	22.3	17	52	07
		ALEXANDRIA	40	09	50	02	2	3	Cu.Sc.	23.5	17	34	01
	62318	FOUAD (Airport)	90	16	15	00	0	1	Ci	23.1	18	46	06
	62330	DAMIETTA	140	19	15	01	0	0	–	24.2	16	49	05
	62333	PORT SAID	90	22	10	02	0	0	–	23.7	16	49	05
	62336	EL 'ARISH	90	38	7	04	2	0	–	23.5	16	36	01
Lower Egypt	62339	DAMANHUR	90	22	7	02	0	0	–	23.6	17	52	07
	62342	MANSURA	40	13	35	00	0	0	–	24.0	18	46	06
	62348	TANTA	90	16	35	02	0	0	–	23.3	17	42	04
	62354	ZAGAZIG	40	02	15	00	0	0	–	23.4	16	36	01
	62441	ISMAILIA	20	05	35	02	0	0	–	23.0	18	42	12
Cairo Area	62366	FAROUK (Airport)											
	62372	ALMAZA	40	16	13	02	0	4	Ci	21.2	18	18	-08
		EZBEKIYA	90	02	01	01	0	2	Ci	21.5	19	16	-08
		GIZA	90	02	15	01	0	2	Ci	21.5	18	10	-14
	62378	HELWAN	40	19	30	01	1	2	Ci	20.2	18	08	-15
Upper Egypt	62381	FAIYUM	40	05	35	03	2	6	Ci	19.5	21	20	-03
	62387	MINYA	00	00	14	03	1	6	Ci	19.0	21	33	04
	62393	ASYUT MANQABAD	00	00	30	03	0	2	Ac.Cu	17.7	21	31	03
	62399	NAG' HAMMADI	00	00	3	00	0	0	–	16.8	24	32	06
	62402	QENA	240	05	50	00	0	0	–	17.6	21	41	07
	62405	LUXOR	360	06	30	02	0	1	Ci	17.1	22	41	08
	62414	ASWAN	20	04	50	00	0	0	–	15.5	25	24	03
Oases	62417	SIWA	90	16	15	00	0	0	–	20.8	20	56	11
	62420	BAHARIYA	90	02	30	02	1	6	Ac.		21	26	01
	62423	FARAFRA											
	62432	DAKHLA	90	03	50	00	0	1	Cu		24	32	06
	62435	KHARGA	00	00	35	00	0	0	–	18.2	24	24	02
Red Sea	62450	SUEZ	20	12	35	02	0	0	–	19.6	18	20	-05
	62459	TOR	310	03	15	03	0	5	Ci	19.9	20		
	62462	HURGHADA	60	06	90	03	0	2	Ci	19.7	20	35	04
	62465	QUSEIR	360	16	15	03	0	2	Ac.	18.4	22	44	07
	62641	PORT SUDAN											
North Sudan	62600	WADI HALFA											
	62640	ABU HAMAD											
	62660	KAREIMA											
	62680	'ATBARA											
	62721	KHARTUM											
	62730	KASSALA											
Central Sudan	62751	WAD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID											
	62760	EL FASHER											
	62770	GENEINA											
S. Sudan	62840	MALAKAL											
	62880	WAU											
	62941	JUBA											

At 1800 on 6TH

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	90	18	7	01	0	0	–	23.1	16	48	10	0
SIDI BARANI	110	09	35	03	1	2	Cu	23.8	14	67	08	0
MATRUH												
EL DABA	90	36	0.75	01	1	0	–	20.4	16	45	04	0
ALEXANDRIA	90	10	7	01	0	0	–	26.2	12	77	08	0
FOUAD (Airport)	90	10	15	00	0	0	–	26.0	12	77	08	0
DAMIETTA	90	19	0.75	02	0	0	–	25.0	14	55	05	0
PORT SAID												
EL 'ARISH												
DAMANHUR	90	12	7	02	0	0	–	25.9	10	76	06	0
MANSURA	40	05	3	00	0	0	–	24.8	11	77	07	0
TANTA	90	13	35	02	0	0	–	25.4	11	63	04	0
ZAGAZIG	40	09	15	00	0	0	–	24.7	11	51	01	0
ISMAILIA												
FAROUK (Airport)												
ALMAZA	300	14	8	00	0	0	–	24.2	11.7	30	-05	0
EZBEKIYA	90	03	15	00	0	0	–	24.6	12	33	-04	0
GIZA	90	03	15	00	0	0	–	24.3	12	22	-09	0
HELWAN	40	37	20	00	0	0	–	23.0	12	21	-10	0
FAIYUM	00	00	50	01	1	3	Ci	22.2	12	33	-04	0
MINYA	360	07	12	01	2	3	Ci	20.7	10	62	03	0
ASYUT MANQABAD												
NAG' HAMMADI	00	00	35	00	0	0	–	18.0	13	77	09	0
QENA	270	02	7	00	0	0	–	20.6	14	55	05	0
LUXOR	70	05	15	01	0	1	Ci	19.4	18	46	06	0
ASWAN												
SIWA	00	00	7	00	0	0	–	20.8	13	55	04	0
BAHARIYA	40	02	18	02	1	5	Ac.	21.8	14	36	-01	0
FARAFRA	40	02		02	2	6	Ac	21.0	15	30	-03	0
DAKHLA	00	00	35	00	0	2	Sc.	18.3	16	59	08	0
KHARGA	00	00	15	00	0	0	–	19.9	18	32	01	0
SUEZ	360	06	7	02	0	0	–	22.6	13	44	01	0
TOR	310	03	15	00	0	3	–	20.0	20	56		0
HURGHADA	180	02	50	01	1	3	Ci.Cs	22.0	14	39	00	0
QUSEIR	310	12	15	02		0	–	18.2	19	52	09	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on FRIDAY 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	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	140	05	7	03	1	5	Ci	24.2		12	19		9		77	08	0		
SIDI BARANI	110	09	35	03	0	5	Sc.Ac	24.4		11	19		8		77	07	0	157	
MATRUH	170	08	12	03	0	3	Sc	25.2		11			9		67	05	0	121	
EL DABA	180	26	1.5	01	1	0	–	24.7		16			12		42	03	0	94	
ALEXANDRIA	40	09	50	02	1	4	Ci	25.9	+6.9	12	19	0	10	-1	44	00	0	140	109
FOUAD (Airport)	90	12	14	03	1	6	Ci.Cs	25.6		11	18		10		63	04	0	119	78
DAMIETTA	110	09	3	02	0	0	–	26.0	+8.0	12	17		9		77	08	0	55	46
PORT SAID	120	17	12	02	0	0	–	26.0		14	17		12		45	09	0	17	
EL 'ARISH																		82	37
DAMANHUR	90	09	7			2	Ci	25.4	+6.8	8	19	-1	5	-3	71	03		26	41
MANSURA	90	05	35	00	0	0	–	26.0	+7.5	6	18	-2	5	-3	71	01	0	12	18
TANTA	130	13	35	03	0	1	Cu	25.9	+6.7	9	18	-2	4	-3	62	02	0	9	15
ZAGAZIG	40	02	15	00	0	0	–	25.5	+6.4	5	21	+1	0	-7	70	00	0	3	11
ISMAILIA	40	02	15	02	0	0	–	25.6		11			4		30	-06	0	5	
FAROUK (Airport)																		dr	
ALMAZA	80	07	13	00	0	1	Ci	24.6	+5.2	8.5	18		7		41	-11	0	2	
EZBEKIYA	350	01	7	00	0	1	Ci	24.6	+5.2	9	20	0	5	-3	34	-06	0	6	10
GIZA	350	01	7	00	0	1	Ci	24.4	+4.8	5	19	0	0	-6	53	-04	0	12	11
HELWAN	00	00	15	01	1	3	Ci	24.6	+5.0	7	19	0	5	-4	41	-05	0	6	10
FAIYUM	00	00	15	02	1	3	Ci	24.7	+5.3	8	21	0	3	-3	58	00	0	6	3
MINYA	00	00	6	10	0	0	–	23.9		6	21		1		76	02	0	4	
ASYUT MANQABAD	00	00	18	00	0	1	Ci	23.0		10	23		5		54	01	0	0	
NAG' HAMMADI	110	04	35	00	0	0	–	23.1	+3.3	15	26		5		48	04	0	0	
QENA	200	05	15	00	0	0	–	23.8	+4.7	12	24	+1	6	-1	55	03	0	dr	
LUXOR	00	00	30	00	0	0	–	22.9		13	23		3		51	03	0	dr	
ASWAN	300	07	50	00	0	0	–	22.0	+2.9	11			9	-1	63	04	0	dr	
SIWA	70	06	15	00	0	0	–	22.8	+2.1	8	21	+1	6	+2	58	00	0	0	5
BAHARIYA	00	00	30	01	1	3	Ac.	22.8	+2.5	10	22	+2	3	-2	38	-04	0	dr	4
FARAFRA	40	03	18	00	1	0	–	23.2		6	18		3		42	-06	0	dr	
DAKHLA	00	00	35	00	0	0	–	22.4	+1.8	8	26	+4	3	-2	58	00	0	dr	
KHARGA	00	00	35	00	0	0	–	22.7	+3.2	14	25	+3	6	0	48	03	0	0	
SUEZ	00	00	35	02	0	0	–	23.6	+4.7	7	20	0	3	-7	57	-01	0	12	9
TOR	360	04	35	00	0	0	–	24.3	+6.3	8	22	+1	5	-4	58	00	0	0	7
HURGHADA	60	13	90	00	0	0	–	24.1		18	21		12		46	06	0	dr	
QUSEIR	40	20	15	02	0			23.2	+5.5	19	22	-1	16	+2	46	07	0	0	4
PORT SUDAN																	0	34	85
WADI HALFA																	0	k	
ABU HAMAD																	0	–	
KAREIMA																	0	3	1
'ATBARA	20	09	10	00	0	0	–	15.2		18	29				49	07	0	7	2
KHARTUM	20	09	30	00	0	0	–	14.2		19	31		16		52	09	0	10	4
KASSALA	90	02	30	00	0	0	–	11.6		22	32		17		74	17	0	2	8
WAD MEDANI																	0	11	12
RENK																	0	0	49
ROSEIRES																	0	2	36
EL OBEID	360	09	30	03	1	5	Ci	13.8		18	34		11		24	-03	0	0	16
EL FASHER	00	00	18	00	1	1	Ci			10	32		7		41	-03	0	0	6
GENEINA																	0	–	4
MALAKAL																	0	69	88
WAU																	0	261	143
JUBA																	0	129	144

UPPER WIND OBSERVATIONS on 7TH

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		Farouk.Ap	
Time	5		5				4						3 30								10		3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	100	30	180	27			100	26					120	14							80	12	80	26
600	90	30	180	36			110	25					130	25							90	13	90	25
1000	90	29	180	25			90	20					140	24							100	14	90	22
1500	120	27					100	28					90	12							110	10	110	23
2000							100	17															100	19
3000																							20	10
4000																							350	11
5000																							360	15
6000																							330	10
7000																								
8000																								

Station	Siwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	5		5		6		7		4 45				4 30								5			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	90	29	100	26	120	16	90	4	30	04														
600	110	26	120	32	110	21	100	20	40	12			70	29										
1000	100	30	120	28	120	31	120	23	70	19			70	26							30	11		
1500	120	19	120	30	120	30			80	26			30	25							60	18		
2000	180	11	130	12					60	18			30	29							70	11		
3000	240	08	20	15					60	17											90	16		
4000			330	12					20	17											100	17		
5000			350	18																	110	9		
6000									360	22											100	09		
7000																								
8000																								

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

HUMIDITY %

Mean of day

Station	on 6TH	Diff. from normal
Alexandria	64	-2
Ezbekiya	34	-35
Gîza	25	-49
Helwân	16	-42

GIZA GRASS MINIMUM TEMP. ON 7TH -5.0 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeropiane Ascent — On ... At ...

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

Remarks

RAWINSONDE — On ... At ... AIRPORT

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

UPPER WIND OBSERVATIONS on 6TH

Station	Matruh				Fouad.Ap				Port Said				Minya				Almaza							
Time	13 45				15 15				14				15				15 45							
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	90	33			80	35			70	23			360	22			50	16						
600	90	35			80	40			60	24			40	11			60	22						
1000	90	39			80	42			70	27			40	6			60	21						
1500	90	32			90	31			90	22			330	11			20	31						
2000					70	17			80	24			20	6			60	11						
3000													360	17										
4000																								
5000																								
6000																								
7000																								
8000																								

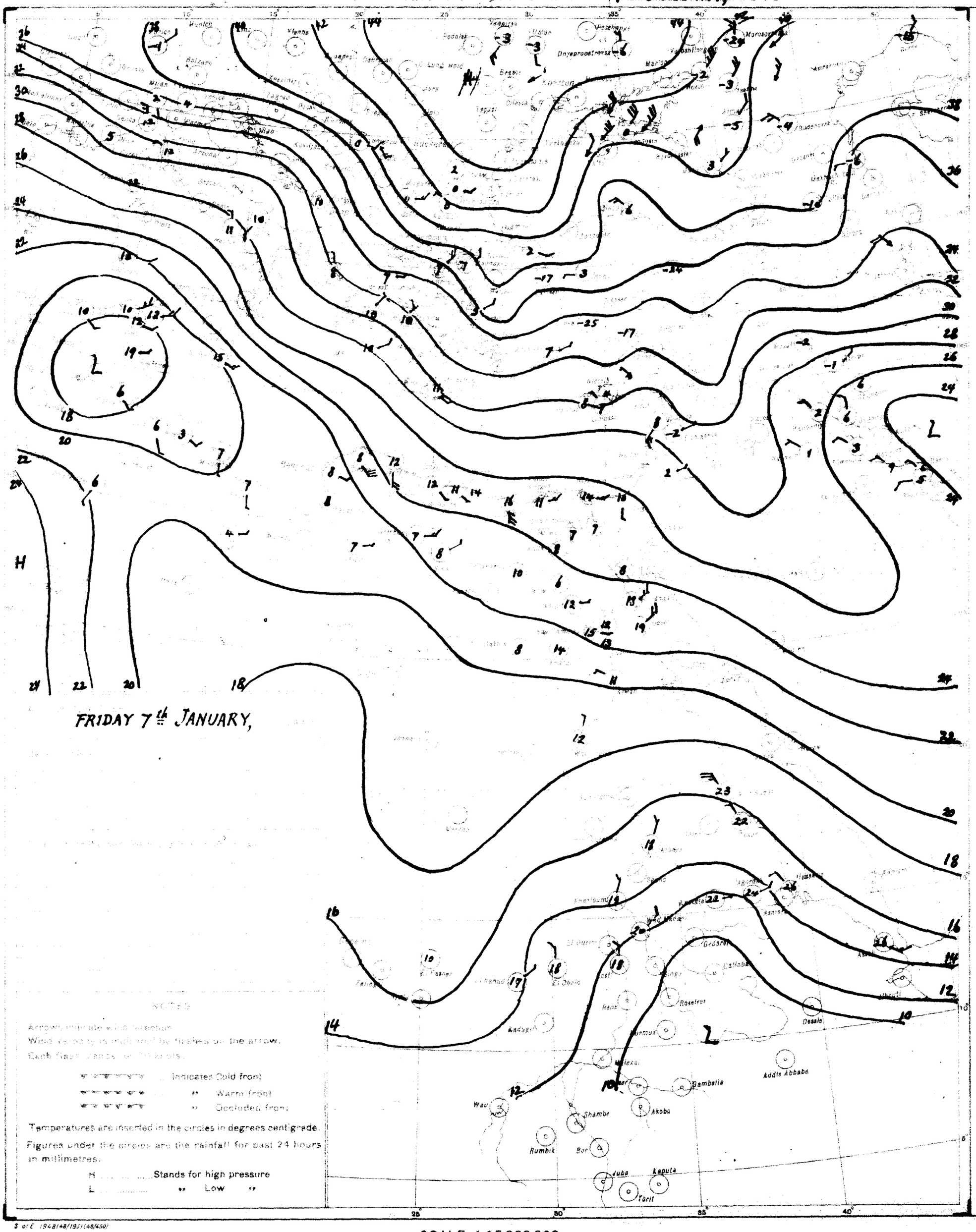
Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Z.A.S.

Form No. 7F

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 7th JANUARY, 1949


FRIDAY 7th JANUARY,
Munich
Vienna
Milan
Rome
Dyveprodstrosa
Addis Abbaba
Dessie
Gondar
Lalibela
Dambatia
Akobo
Shambe
Wau
Rumbik
Bor
Juba
Kaputa
Torit
Kadugli
Roseires
Asmara
Massaua
Aden
Khartoum
El Obeid
Wad Medani
Kassala
Gedaref
Malakal
Mogadishu
Kisimayu
Lamu
Mombasa
Tanga
Zanzibar
Dar es Salaam
Tabora
Kigoma
Mwanza
Kampala
Entebbe
Eldoret
Nairobi
Kisumu
Tanga
Mombasa

CAIRO

Time of Sunrise 04 52 G. M. T.

" " Sunset 15 11 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: SATURDAY 8th JANUARY, 1949

At 1200 on FRIDAY 7th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALŪM	40	17	7	02	2	8	Ci	21.6	18	60	10
	62303	SÎDI BARÂNI	90	13	50	03	2	8	Ac,Cu	22.6	18	60	10
	62306	MATRÛH	120	18	18	03	1	7	Cs	23.6	18	52	8
	62309	EL DABÂ	90	14	3.8	02	2	6	Cb	21.2	16	42	3
		ALEXANDRIA	40	10	90	02	2	3	Ci	23.0	17	42	4
	62318	FOUAD (Airport)	60	12	15	03	1	4	Ci	23.4	17	52	7
	62330	DAMIETTA	160	9	15	03	0	1	Ci	24.2	16	39	8
	62333	PORT SA'ÎD	90	16	15	02	0	1	Ci	23.8	16	49	5
	62336	EL 'ARISH			35	00	0	0	—	23.6			
Lower Egypt	62339	DAMANHÛR	130	12	15	03	1	4	Ci	24.3	16	59	8
	62342	MANSÛRA	40	5	35	01	1	3	Ac	24.0	18	46	6
	62348	TANTA	90	13	35	02	0	0	—	23.9	18	46	6
	62354	ZAGAZIG	40	2	15	00	0	0	—	23.5	16	42	3
	62441	ISMAÎLIA	160	2	35	02	0	0	—	23.3	21	26	1
Cairo Area	62366	FAROUK (Airport)	40	4	13	02	1	1	Cs	22.9	18	46	6
	62372	ALMÂZA	360	6	13	00	0	0	—	22.9	18	25	-4
		EZBEKÎYA	340	3	35	00	0	1	Ci	22.8	19	16	-8
		GÎZA	340	3	35	00	0	1	Ci	22.7	19	18	-6
	62378	HELWÂN	360	2	15	00	1	3	Ci	22.3	18	18	-7
Upper Egypt	62381	FAYÛM	00	0	35	01	0	1	Ci	24.2	19	37	4
	62387	MINYA	00	0	14	00	0	0	—	21.6	23	38	8
	62393	ASYÛT MANQABAD	110	2	30	02	0	1	Ci	19.9	21	31	3
	62399	NAG' HAMMÂDI	90	3	35	00	0	0	—	17.8	25	28	5
	62402	QENA	200	5	50	00	0	0	—	19.4	22	29	3
	62405	LUXOR	80	14	6	00	0	0	—		23	32	5
	62414	ASWÂN	40	9	50	00	0	0	—	17.1	25	12	-7
Oases	62417	SÎWA	90	11	15	00	0	0	—	20.8	18	52	8
	62420	BAHARÎYA	180	1	16	01	1	3	Ac	21.0	21	26	1
	62423	FARAFRA	40	4	18	01	0	1	Ac,As	21.2	21	33	5
	62432	DAKHLA	140	6	50	00	0	0	—	18.8	24	34	7
	62435	KHARGA	00	0	35	00	0	0	—	19.5	24	24	2
Red Sea	62450	SUEZ	200	4	35	02	0	0	—	21.4	17	34	1
	62459	TÛR	310	2	15	00	0	0	—	19.6	20	56	11
	62462	HURGHÂDA											
	62465	QUSEIR	40	16	14	02	0	0	—	21.5	19	52	9
	62641	PORT SÛDÂN											
North Sudan	62600	WÂDI HALFA											
	62640	ABU HAMAD											
	62660	KAREIMA											
	62680	ATBARA											
	62721	KHARTÛM											
	62730	KASSALA											
Central Sudan	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID											
	62760	EL FÂSHER											
	62770	GENEINA											
S. Sudan	62840	MALAKÂL											
	62880	WÂU											
	62941	JUBA											

At 1800 on FRIDAY 7th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
62300	SALŪM	110	15	7	01	0	5	Ci	21.5	16	68	10	0
62303	SÎDI BARÂNI	110	6	35	02	2	7	Ac,Ci	22.6	14	77	10	0
62306	MATRÛH	150	9	11	01	2	5	Ac,Cs	23.0	14	72	9	0
62309	EL DABÂ	90	10	1.5	02	1	4	Cb	20.3	15	59	7	0
	ALEXANDRIA	90	8	7	02	2	3	Ci	23.8	11	77	7	0
62318	FOUAD (Airport)	110	6	16	01	1	0	—	23.8	12	77	8	0
62330	DAMIETTA	110	5	0.8	02	0	1	Ci	22.7	14	67	8	0
62333	PORT SA'ÎD	90	17	12	02	0	0	—	23.7	15	59	7	0
62336	EL 'ARISH			3	00	0	0	—	25.1			0	0
62339	DAMANHÛR	130	9	7	03	1	4	Ci	24.0	10	76	6	0
62342	MANSÛRA	360	5	3	00	1	0	—	24.0	10	88	8	0
62348	TANTA	90	2	35	02	0	0	—	23.6	9	71	4	0
62354	ZAGAZIG	40	2	15	00	0	0	—	23.5	10	62	3	0
62441	ISMAÎLIA	20	2	15	02	0	0	—	25.5	14	55	5	0
62366	FAROUK (Airport)	80	10	12	02	0	1	Cs	22.9	12	51	2	0
62372	ALMÂZA												
	EZBEKÎYA	00	0	15	00	0	3	Cc	23.1	10	62	3	0
	GÎZA	00	0	15	00	0	3	Cc	23.1	6	76	2	0
62378	HELWÂN	50	5	15	00	1	2	Ci	22.6	12	28	-7	0
62381	FAYÛM	00	0	35	01	0	0	—	22.2	11	63	4	0
62387	MINYA	110	7	10	02	0	0	—	21.9	11	63	4	0
62393	ASYÛT MANQABAD												
62399	NAG' HAMMÂDI	90	2	35	00	0	0	—	20.5	17	34	1	0
62402	QENA	270	2	7	00	0	0	—	21.4	16	42	3	0
62405	LUXOR	60	13	15	00	0	0	—	20.4	17	42	4	0
62414	ASWÂN	40	8	50	00	0	0	—	19.4	19	19	-5	0
62417	SÎWA	00	0	7	00	0	0	—	23.4	10	62	3	0
62420	BAHARÎYA	00	0	18	01	1	2	Ac	21.5	12	55	3	0
62423	FARAFRA				01	1		Ac	20.3	13	41	0	—
62432	DAKHLA	00	0	35	00	0	0	—		17	42	4	0
62435	KHARGA	00	0	15	00	0	0	—	20.8	15	39	1	0
62450	SUEZ	00	0	7	02	0	0	—	21.6	10	76	6	0
62459	TÛR	310	2	15	00	0	0	—	17.4	17	52	7	0
62462	HURGHÂDA												
62465	QUSEIR	20	16	15	02	0	0	—	21.4	19	52	9	0
62641	PORT SÛDÂN												
62600	WÂDI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	ATBARA												
62721	KHARTÛM												
62730	KASSALA												
62751	WÂD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID												
62760	EL FÂSHER												
62770	GENEINA												
62840	MALAKÂL												
62880	WÂU												
62941	JUBA												

At 0600 on SATURDAY 8th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st
62300	SALŪM	140	4	7	00	2	8	Ci	22.0		13	18				55	4	0		
62303	SÎDI BARÂNI	140	7	35	02	2	7	Ci	22.4		9	18		6		62	2	0	157	
62306	MATRÛH	180	5	15	01	1	4	Ci	22.8		8	18		6		62	1	0	121	
62309	EL DABÂ	140	11	0.8	02	2	6	Cb	23.4		11	21		4		63	4	0	94	
	ALEXANDRIA	40	5	15	04	2	3	Ac	23.0	+4.0	12	19	0	10	-1	63	5	0	140	110
62318	FOUAD (Airport)	100	4	16	03	0	1	Ac	22.8		11	17		7		82	8	0	119	79
62330	DAMIETTA	110	5	0.8	42	2	6	Sc	22.6	+4.6	15	17		6		39	1	0	59	47
62333	PORT SA'ÎD	150	4	5	05	2	3	Ac	22.8	+5.1	11	17		8		67	5	0	17	
62336	EL 'ARISH			35	00	0	0	—	22.2	+3.6		18	-1	8	+1		1	0	32	38
62339	DAMANHÛR	90	9	7	03	1	0	—	23.5	+4.9	8	18	-2	5	-3	88	6	0	26	42
62342	MANSÛRA	40	5	35	01	1	3	Ac	22.6	+4.1	8	19	-1	7	-1	71	3	0	12	19
62348	TANTA	00	0	35	02	0	0	—	23.3	+4.1	5			1	-6	70	0	0	9	16
62354	ZAGAZIG	40	2	15	00	0	0	—	23.1	+4.0	5	22	+2	2	-5	81	2	0	3	11
62441	ISMAÎLIA	160	2	15	01	0	2	Ac	22.7		9	21		4		34	-6	0	5	
62366	FAROUK (Airport)	00	0	5	05	0	1	Ci	23.0		5	19		3		70	0	0	dr.	
62372	ALMÂZA	50	4	12	00	0	1	Ac	21.1	+2.7	4			3		56	-4	0	2	
	EZBEKÎYA	320	1	15	00	0	1	Cu	22.6	+3.2	5	20	0	3	-5	81	2	0	6	10
	GÎZA	320	1	15	00	0	1	Cu	22.3	+2.7	4	20	+1	1	-5	75	0	0	12	11
62378	HELWÂN	350	3	1.5	00	0	1	Cu	22.6	+3.0	5	20	+1	4	-4	53	-4	0	6	10
62381	FAYÛM	00	0	7	02	0	0	—	22.8	+3.4	7	21	0	2	-4	57	-1	0	19	3
62387	MINYA	00	0	10	10	0	0	—	22.1		5	23		1		70	0	0	4	
62393	ASYÛT MANQABAD	00	0	30	00	0	1	Ci	21.8		10	23		4		54	1	0	0	
62399	NAG' HAMMÂDI	00	0	35	00	0	0	—	21.4	+1.0	7	25		4		87	5	0	0	
62402	QENA	200	9	15	00	0	0	—	21.8	+2.7	10	22	-1	6	-1	50	0	0	dr.	
62405	LUXOR	40	2	30	00	0	0	—	21.2		11	24				54	2	0	dr.	
62414	ASWÂN	360	4	50	00	0	0	—	20.7	+1.6	12	26	+3	9	-1	59	4	0	dr.	
62417	SÎWA	00	0	15	00	0	0	—	21.5	+0.8	4	19	-1	0	-4	87	-2	0	0	5
62420	BAHARÎYA	90	3	30	01	1	3	20	22.6	+2.0	5	22	+2	2	-3	65	-1	0	dr.	4
62423	FARAFRA	00	0	30	00	0	0	—	21.6		2	21		0		81	-1	0	dr.	
62432	DAKHLA	00	0	15	00	0	2	Sc	21.5	+0.9	7	24	+2	4	-1	71	2	0	dr.	
62435	KHARGA	00	0	35	00	0	0	—	21.5	+2.0	12	24	+2	9	+3	55	3	0	0	
62450	SUEZ	00	0	35	02	0	0	—	22.2	+3.3	6	22	+2	3	-7	57	-2	0	12	9
62459	TÛR	40	10	0.8	00	0	0	—	24.0	+4.0	7	20	-1	5	-4	71	2	0	0	7
62462	HURGHÂDA		12	50	00	0	0	—			11			7	-3	51	1	0	dr.	
62465	QUSEIR	290	12	3.5	02	0	0	—	20.4	+2.7	16	20	-3	13	-1	49	5	0	0	4
62641	PORT SÛDÂN																	0	34	86
62600	WÂDI HALFA																	0	4	
62640	ABU HAMAD																	0	—	
62660	KAREIMA																	0	3	1
62680	ATBARA																	0	7	2
62721	KHARTÛM																	0	10	4
62730	KASSALA																	0	2	8
62751	WÂD MEDANI																	0	11	12
62801	RENK																	0	0	49
62802	ROSEIRES																	0	2	36
62771	EL OBEID																	0	0	16
62760	EL FÂSHER																	0	0	6
62770	GENEINA																	0	—	4
62840	MALAKÂL																	0	69	88
62880	WÂU																	0	261	143
62941	JUBA																	0	129	144

UPPER AIR OBSERVATIONS

HUMIDITY % Mean of day

STATION	On 7th	Diff. from normal
Alexandria	63	-3
Ezbekiya	41	-28
Gîza	37	-17
Helwân	28	-30

GÎZA GRASS MINIMUM TEMP ON 8th -5.8 °C

Remarks

Aeroplane Ascent

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

Remarks

RAWINSONDE

On Farouk 8th At 3 AIRPORT	Pressure mbs	Height above M.S.L. Metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
	1000	175	6		210	2
	950		9			
	900					
	850	1510	4		290	3
	800		3			
	700	3085	1		300	19
	600					
	500	5683	-18		290	52
	400		-29			
	300	10307	-43		290	62

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

UPPER WIND OBSERVATIONS on 7th

Station	Matruh				Fouad A.P.				P. Said				Minya				Almaza			
Time	13 45				15				14				14 30							
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			90	28			30	19			70	15			40	8				
600			90	23			40	19			70	16			50	7				
1000			90	28			50	18			80	14			70	10				
1500			90	22			50	16			140	16			180	15				
2000															70	3				
3000															330	9				
4000																				
5000																				
6000																				
7000																				
8000																				

UPPER WIND OBSERVATIONS on 8th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabad		Luxor		Aswân		Hurghada		Farouk A.P.	
Time	5				7		4						3						5		9		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	25			70	11	60	12					10	16					360	6	350	6	10	40
600	100	23			60	12	50	14					10	17					60	16	360	5	340	4
1000	100	13			80	12	50	13					10	18					50	16	360	7	320	4
1500	160	7			80	13	240	4					10	18									290	3
2000					90	15	320	9															320	4
3000					100	20																	300	19
4000																							320	21
5000																							300	27
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abu Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	5		5		5		6 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	110	18	80	10	120	7	250	5																
600	130	16	100	6	110	14	120	9																
1000	170	10	110	4	120	19	110	10																
1500	250	5	10	7	30	7	150	10																
2000	210	6	350	7	10	13	350	12																
3000	240	16	280	16			330	12																
4000	240	24	280	25																				
5000			290	23																				
6000																								
7000																								
8000																								

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

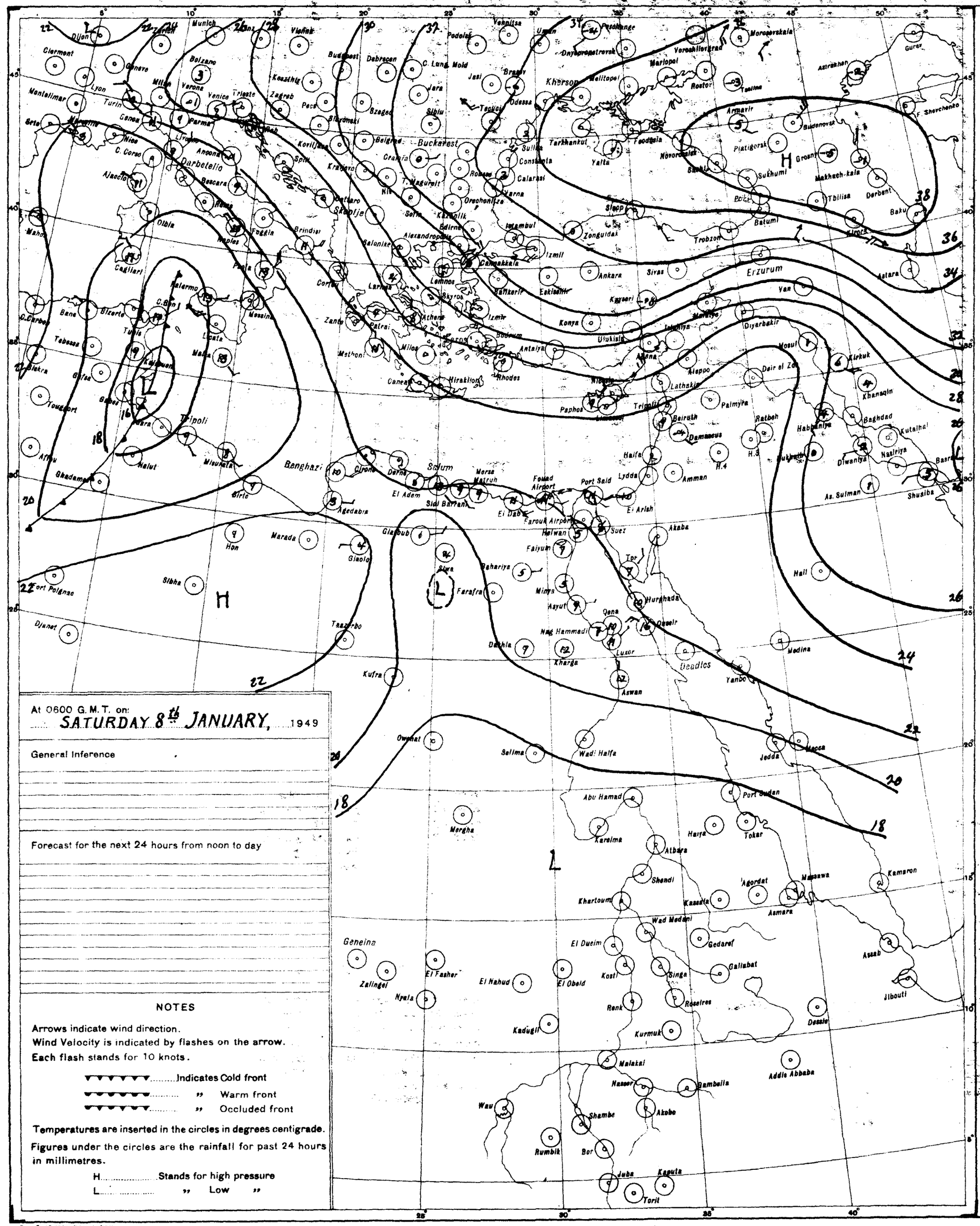
Printed by the Survey of Egypt 1948 (45/450)

Note: All times G. M. T.

F.G.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 8th JANUARY 1949



At 0600 G.M.T. on:
SATURDAY 8th JANUARY, 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

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

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

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

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

AH
F.H.A

S of E 1948(48/195)(48/450)

SCALE 1:15,000,000

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

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

Form No 7 F.

DAILY WEATHER REPORT

Date: SUNDAY 9th JANUARY, 1949

At 1200 on SATURDAY 8th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	90	10	7	02	2	6	Ac,Cu	20.6	18	56	9
	62303	SIDI BARANI	90	15	50	02	2	7	Ci	20.7	17	60	9
	62306	MATRUH	140	8	18	03	1	6	Cu,Ci	21.6	18	60	10
	62309	EL DABA	140	16		01	1	6	Cu	20.6	16	49	5
		ALEXANDRIA	90	8	50	03	2	4	Ci	21.1	18	37	3
	62318	FOUAD (Airport)	90	12	15	03	2	7	Ci	21.4	17	52	7
	62330	DAMIETTA	40	9	15	01	1	3	Cu,Ac	21.4	16	59	8
	62333	PORT SA'ID	60	1	15	02	0	5	Sc,Ci	21.6	16	59	8
	62336	EL 'ARISH	360	18	35	03	1	1	Ci	22.6	15	39	1
Lower Egypt	62339	DAMANHUR	90	9	15	03	2	7	Cc	21.6	17	60	9
	62342	MANSURA	40	5	35	01	1	4	Ac	21.6	20	46	8
	62348	TANTA	90	8	35	03	0	2	Cu	21.6	20	41	6
	62354	ZAGAZIG	40	2	15	00	0	0	—	20.8	17	39	3
	62441	ISMAILIA	20	2	15	02	1	5	Ac	22.0	19	32	1
Cairo Area	62366	FAROUK (Airport)	60	10	30	03	1	3	Ci	20.4	19	30	1
	62372	ALMAZA	40	8	30	03	1	4	Ci	20.0	19	30	0
		EZBEKIYA	20	2	35	01	0	1	Ci	20.3	20	24	-1
		GIZA	20	2	35	01	0	1	Ci	20.2	20	17	-6
	62376	HELWAN	00	0	15	03	1	5	Ci	19.4	20	24	-1
Upper Egypt	62381	FAYUM	00	0	35	03	2	7	Ci	20.0	17	42	4
	62387	MINYA	00	0	14	03	1	5	Ci	20.1	22	23	0
	62393	ASYUT MANGABAD	00	0	30	03	1	4	Cs	18.4	20	33	3
	62399	NAG' HAMMADI	00	0	50	00	0	0	—	16.6	22	44	9
	62402	QENA	360	5	50	01	0	4	Ci	17.9	20	41	6
	62405	LUXOR	360	4	30	03	1	3	Cs	17.4	21	41	7
	62414	ASWAN	70	5	50	00	0	0	—	15.9	25	19	0
Oases	62417	SIWA	110	11	15	00	0	0	—	21.0	20	56	11
	62420	BAHARIYA	90	1	30	02	1	4	Ac	19.6	21	33	4
	62423	FARAFRA											
	62432	DAKHLA	320	3	50	00	0	3	Ac,As	—	21	41	7
	62436	KHARGA	00	0	35	00	0	0	—	19.0	23	32	5
Red Sea	62450	SUEZ	360	5	35	02	0	0	—	18.8	18	49	7
	62459	TOR	310	8	35	00	0	0	—	19.4	20	43	7
	62462	HURGHADA	10	7	—	03	0	4	Cs	18.7	18	60	10
	62465	QUSEIR	20	12	15	03	2	6	Cs	17.0	21	50	10
	62641	PORT SUDAN	30	18	10	02	4	7	Ac	12.0	26	62	18
North Sudan	62600	WADI HALFA											
	62640	ABU HAMAD	70	2	30	00	0	0	—	11.3	28	25	6
	62660	KAREIMA											
	62680	ATBARA	340	9	10	00	0	0	—	9.8	31	22	7
	62721	KHARTUM	20	5	30	00	0	0	—	8.8	30	27	9
	62730	KASSALA	360	1	30	00	0	0	—	4.6	35	35	17
Central Sudan	62751	WAD MEDANI	360	9	35	00	0	0	—	6.4	33	26	11
	62801	RENK	50	9	50	00	0	0	—	9.4	32	41	17
	62802	ROSEIRES	340	5	35	00	0	0	—	—	35	25	12
	62771	EL OBEID	20	10	30	00	0	0	—	7.9	31	29	11
	62760	EL FASHER	60	9	30	00	0	0	—		31	19	5
	62770	GENEINA	50	12	30	00	0	0	—		32	—	
S. Sudan	62840	MALAKAL	360	9	30	00	0	3	Ac	5.2	35	37	18
	62880	WAU	00	0	30	00	0	0	—	5.0	35	15	5
	62941	JUBA	20	9	30	03	0	4	Cu,Cs	3.2	36	25	13

At 1800 on SATURDAY 8th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	90	11	7	02	2	0	Ac,Cc	20.7	16	77	12	0
SIDI BARANI	110	4	35	01	2	5	Ac	21.6	13	77	9	0
MATRUH	180	5	12	03	1	5	Cs	21.7	11	82	8	0
EL DABA	180	10		01	1	5	Cu	19.1	16	49	5	0
ALEXANDRIA	90	5	7	03	2	4	Ac	22.6	13	67	7	0
FOUAD (Airport)	100	6	15	03	2	7	Cs	22.1	12	77	8	0
DAMIETTA	110	5		01	0	1	Cu	21.6	14	67	8	0
PORT SA'ID	70	14	12	01	0	3	Ci	21.8	15	59	7	0
EL 'ARISH	40	6	15	01	0	1	Ci	22.0	14	42	-1	0
DAMANHUR	40	9	1.5	01	1	0	—	22.2	11	88	9	0
MANSURA	40	2	3	00	1	0	—	22.3	11	88	9	0
TANTA	00	2	35	01	0	0	—	22.0	12	88	10	0
ZAGAZIG	40	2	15	00	0	0	—	22.6	11	77	7	0
ISMAILIA	40	2	15	01	0	0	—	22.8	11	63	4	0
FAROUK (Airport)	80	13	12	00	0	0	—	21.7	13	72	8	0
ALMAZA			13	00	1			21.7	12	77	8	0
EZBEKIYA	360	2	15	01	0	3	Ci	21.8	13	67	7	0
GIZA	360	2	15	01	0	3	Ci	21.8	13	63	6	0
HELWAN	40	19	15	01	1	3	Ci	20.6	13	44	1	0
FAYUM	00	0	35	01	2	6	Ci	20.3	10	76	6	0
MINYA	10	4	10	00	1	0	—	20.2	10	58	2	0
ASYUT MANGABAD												
NAG' HAMMADI	00	0	35	00	0	0	—	18.2	11	88	9	0
QENA	320	2	7	00	1	0	—	19.2	13	67	7	0
LUXOR	00	0	15	00	0	0	—	19.1	13	54	-3	0
ASWAN	360	6	50	00	0	0	—	17.4	20	26	0	0
SIWA	00	0	7	00	0	0	—	20.6	13	67	7	0
BAHARIYA	00	0	18	01	1	3	Ac	20.7	11	51	1	0
FARAFRA				01	1	2	Ac	20.3	13	41	0	0
DAKHLA	140	3	35	00	0	1	St	--	17	49	6	0
KHARGA	00	0	15	00	0	0	—	19.9	16	36	-1	0
SUEZ	00	0	7	02	0	0	—	21.0	12	55	3	0
TOR	20	5	15	00	0	0	—	20.7	13	55	4	0
HURGHADA	290	6	50	01	1	0	—	19.5	14	55	5	0
QUSEIR	290	12	15	02	1	0	—	18.7	17	60	9	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on SUNDAY 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.	Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	90	3	7	01	0	0	—	19.4		13	19		7		67	7	0		
SIDI BARANI	160	6	50	01	1	2	Ci	21.4		9	18		6		82	7	0	157	
MATRUH	200	11	15	02	1	5	Ci	21.8		10	18		7		88	8	0	121	
EL DABA	180	8		01	1	3	Cu	20.8		10	21		5		76	6	0	94	
ALEXANDRIA	130	5	35	02	2	4	Ci	21.9	+3.0	12	19	0	11	0	77	8	0	140	112
FOUAD (Airport)	140	3	12	03	1	6	Ac,Cc	21.7		11	18		—		88	9	0	119	80
DAMIETTA	110	9		42	0	0	—	21.4	+3.4	13	18		5		67	7	0	59	48
PORT SA'ID	120	16	7	05	0	0	—	21.3		13	18		11		55	4	0	17	
EL 'ARISH	90	6	7	00	0	0	—	20.7	+2.1	9	18	-1			95	9	0	32	38
DAMANHUR		5	1.5	03	4	3	Ci	21.9	+3.3	8	19	-1	6	-2	95	8	0	26	43
MANSURA	40	2	35	01	1	3	Ac	21.5	+3.0	8	20	0	5	-3	71	3	0	12	19
TANTA	00	0	35	03	0	1	Cu,As	21.9	+2.7	4	20	0	0	-7	95	4	0	9	16
ZAGAZIG	40	2	15	00	0	0	—	21.2	+2.1	3	22	+2	0	-7	87	1	0	3	11
ISMAILIA	160	2	7	00	0	3	As	21.1		5	19		2		81	2	0	5	
FAROUK (Airport)	00	0	30	01	0	1	Ci	21.1		8	19		4		76	4	0	dr.	
ALMAZA	120	4	13	00	0	2	Ci	21.3		8	20		4		60	-2	0	2	
EZBEKIYA	320	1	3	10	0	0	—	21.2	+1.8	4	22	+2	3	-5	95	4	0	6	10
GIZA	320	1	3	10	0	0	—	21.2	+1.6	2	20	+1	1	-5	95	2	0	12	11
HELWAN	00	0	1.5	06	1	5	Ci	21.1	+1.4	7	22	-3	3	-3	57	-1	0	6	10
FAYUM	00	0	1.5	12	4	4	Ci	23.0	+3.6	7	20	-1	4	-2	71	2	0	tr.	3
MINYA	00	0	8	10	0	0	—	21.4		7	22		1		62	-4	0	4	
ASYUT MANGABAD	00	0	18	00	0	0	—	21.4		10	23		5		50	0	0	0	
NAG' HAMMADI	00	0	35	00	0	0	—	20.8	+1.0	7	22		3		57	-1	0	0	
QENA	40	2	15	00	0	0	—	21.8	+2.7	9	22	-1	5	-2	62	-2	0	dr.	
LUXOR	00	2	30	00	0	0	—	20.8		11	22				51	1	0	dr.	
ASWAN	360	4	50	00	0	0	—	21.4	+2.3	12	26	+3	9	-1	51	2	0	dr.	
SIWA	110	5	15	00	0	0	—	21.2	+0.5	8	21	+2	2	-2	58	0	0	0	5
BAHARIYA	00	0	30	01	1	3	Ac	21.9	+1.6	6	21	+1	1	-4	57	-2	0	dr.	4
FARAFRA	00	0	30	00	0	0	—	21.6		2	21		0		51	-1	0	dr.	
DAKHLA	00	0	35	00	0	0	—	20.0	-0.6	7	24	+2	4	-1	94	-6	0	dr.	
KHARGA	00	0	35	00	0	0	—	21.2	+1.7	10	23	+1	5	-1	50	0	0	0	
SUEZ	360	4	35	02	0	0	—	20.6	+1.7	7	20	0	2	-8	57	-1	0	12	9
TOR	40	2	35	00	0	0	—	21.2	+3.2	9	21	0	4	-5	62	2	0	0	7
HURGHADA	270	7	35	00	0	0	—	20.9		11	19		6		38	-3	0	dr.	
QUSEIR	290	12	15	02	0	0	—	20.2	+2.5	14	21	-2	12	-2	55	5	0	0	4
PORT SUDAN																	0	34	86
WADI HALFA	360	7	30	00	0	1	Ci	19.5		11	26		8		51	1	0	tr.	
ABU HAMAD	20	5	30	00	0	1	Ci	16.8		16	29		13		42	3	0	—	
KAREIMA	70	6	30	00	0	0	—	15.6		16	29		15		56	7	0	3	1
ATBARA	20	9	10	00	0	0	—	15.9		19	31		15		56	10	0	7	2
KHARTUM	20	9	30	00	0	0	—	15.0		19	31		15		40	5	0	10	4
KASSALA	00	0	30	00	0	0	—	12.8		22	36		15		69	16	0	2	8
WAD MEDANI	50	5	50	00	0	0	—			20	34		13		64	13	0	11	12
RENK	50	5	50	00	0	0	—	13.0		23	33		14		53	13	0	0	49
ROSEIRES	340	5	35	00	0	0	—	11.5		19	36		17		64	12	0	2	36
EL OBEID	360	8	30	00	0	0	—	14.8		18	32		14		37	3	0	0	16
EL FASHER																		0	6
GENEINA																		—	4
MALAKAL	20	9	30	00	0	0	—	12.1		22	36		19		38	7	0	69	88
WAU	00	0	30	01	1	3	Ac	10.7		23	36		17		47	11	0	261	143
JUBA	50	2	30	01	1	1	Ac	11.0		25	37		16		51	14	0	129	144

HUMIDITY % Mean of day

Station	On 8th	Diff. from normal
Alexandria	67	+1
E-bekiya	62	-7
Giza	61	-13
Helwan	52	-6

GIZA GRASS MINIMUM TEMP ON 9th -1.1 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — FAROUK A.P. AIRPORT — On 9th At 4

Pressure mbs.	Height above M.S.L. Metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	168	7	57	110	6
950		5	15		
900					
850	1520	12		330	4
800					
700	3121	4		290	18
600					
500	5764	-15		290	36
400		-29			
300					

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

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

UPPER WIND OBSERVATIONS on 8th

Station					Matruh				P. Said				Minya				Fouad A.P.							
Time					13 45				14				14 30				15							
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300					100	24			60	15			10	8			30	22						
600					100	23			60	17			350	4			30	22						
1000					90	18			60	13			30	6			40	27						
1500									50	14			360	7			40	23						
2000									70	9			360	11			30	28						
3000									70	7														
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 9th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Mangabad		Luxor		Aswan		Hurghada		Farouk A.P.	
Time	5		4 45		3 30		4				7 15		3						5		10		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	26	150	20	60	15	100	8			120	4	10	17					360	4	40	13	70	10
600	120	23	120	18	70	22	100	8			180	7	10	31					50	15	80	7	70	5
1000	110	20	90	19	80	23	110	5			220	4	320	9					40	19	180	2	80	4
1500							120	6			180	4	340	12					360	11	320	13	350	4
2000											300	11							350	14	320	15	310	8
3000																					300	30	290	18
4000																							300	35
5000																							300	30
6000																							300	44
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	5		5		5		6 15		4 30		4 15						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	22	110	9	90	7	30	9	30	15														
600	120	21	100	6	100	3	60	7	50	17	40	21					320	3						
1000			310	3	20	3	40	5	50	12	60	21					270	4					20	26
1500			250	4	360	5	320	4	50	10	30	25					30	9					30	33
2000			230	8	310	9	320	13	30	10	20	24					10	9					30	14
3000			270	28	270	18	300	14			340	24					350	10					20	13
4000			290	34							331	28					330	12						
5000			280	46																				
6000																								
7000																								
8000																								

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

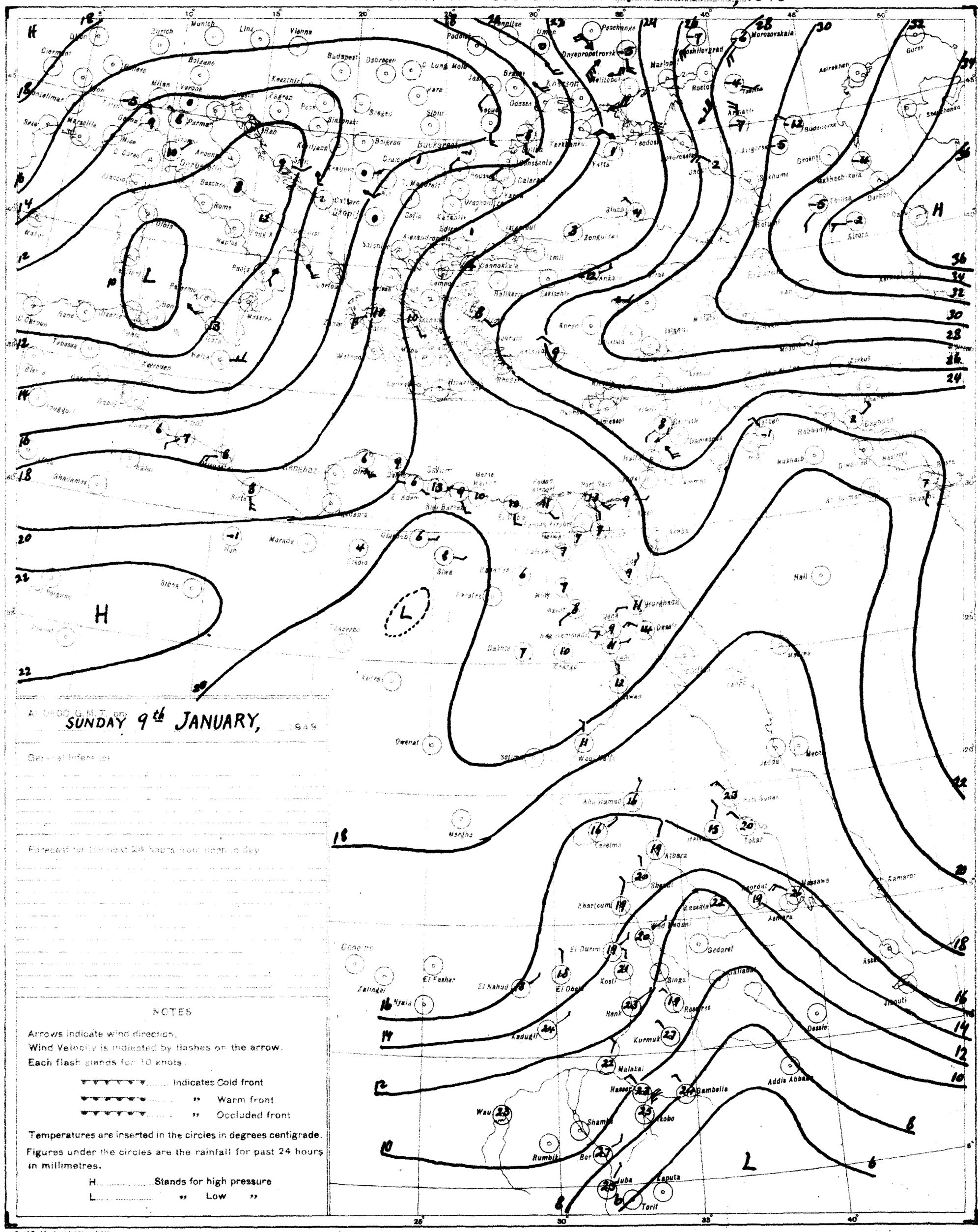
Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

F.G.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 9th JANUARY, 1949


Munich
Zurich
Linz
Vienna
Budapest
Bolzano
Milan
Marseille
Rome
Naples
Palermo
Tripoli
Tunis
Malta
Athens
Sofia
Istanbul
Ankara
Odessa
Kharkov
Rostov
Moscow
Leningrad
Khartoum
Asmara
Addis Ababa
Nairobi
Kampala
Mombasa
Dar es Salaam
Lusaka
Salisbury
Pretoria
Cape Town
Durban
Port Elizabeth
Windhoek
Luanda
Kinshasa
Lagos
Accra
Dakar
Bathurst
Freetown
Monrovia
Abidjan
Bamako
Niamey
Fort Lamy
Kano
Maiduguri
Port Sudan
Wadi Halfa
Malakal
Juba
Torit
Gondar
Jeddah
Aden
Mogadishu
Kismayu
Zanzibar
Tanga
Mahe
Seychelles
Diego Garcia
Cocos Is.
Christmas Is.
Port Hedland
Perth
Kalgoorlie
Adelaide
Melbourne
Hobart
Sydney
Brisbane
Cairns
Darwin
Port Moresby
Rabaul
Noumea
Nadi
Apia
Pago Pago
Honolulu
Midway Is.
Wake Is.
Guam
Manila
Hong Kong
Shanghai
Tokyo
Sapporo
Petropavlovsk
Irkutsk
Yakutsk
Novosibirsk
Tashkent
Alma Ata
Tiflis
Baku
Tehran
Karachi
Lahore
Delhi
Calcutta
Rangoon
Bangkok
Saigon
Singapore
Kuala Lumpur
Medan
Bombay
Madras
Colombo
Hyderabad
Nagpur
Jodhpur
Ahmedabad
Jaipur
Lucknow
Patna
Dhaka
Chittagong
Gauhati
Shillong
Imphal
Aizawl
Agartala
Port Blair
Kandla
Jamnagar
Bhuj
Ratnagiri
Goa
Mangalore
Cochin
Trivandrum
Vizagapatam
Bangalore
Hyderabad
Nagpur
Raipur
Bhopal
Indore
Ujjain
Gwalior
Agra
Allahabad
Varanasi
Ranchi
Calcutta
Dibrugarh

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

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

Form No 7 F.

DAILY WEATHER REPORT

Date: MONDAY 10th JANUARY, 1949

At 1200 on SUNDAY 9th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	90	08	7	03	1			18.2	19	46	07
	62305	SIDI BARÂNI	140	08	50	03	1	3	Ci,Pc	18.6	19	37	04
	62306	MATRÛH	150	12	18	03	1	4	Ci,Pc	19.4	18	56	09
	62309	EL DABA	90	14		01	1	5	Cu	18.2	18	43	05
		ALEXANDRIA	90	04	50	02	2	3	Ci	18.8	16	59	08
	62318	FOUAD (Airport)	60	07	18	00	0	0	–	19.0	18	52	08
	62330	DAMIETTA	110	09	15	02	0	0	–	19.0	15	59	07
	62333	PORT SA'ID											03
	62336	EL 'ARISH	180	06	35	01	0	0	–	19.4	18	37	03
Lower Egypt	62339	DAMANHÛR	130	09	15	01	0	1	Ci	19.2	18	37	03
	62342	MANSURA	90	05	35	00	1	0	–	18.8	19	37	04
	62348	TANTA	130	02	35	02	0	0	–	19.9	18	37	03
	62354	ZAGAZIG	40	02	15	00	0	0	–	19.2	17	42	04
	62441	ISMA'ILIA	200	02	–	02	0	0	–	18.7	19	30	01
Cairo Area	62366	FAROUK (Airport)	260	06	6	05	0	0	–	18.5	16	59	08
	62372	ALMAZA	250	06	12	00	0	0	–	18.1	16	42	03
		EZBEKIYA	270	01	15	00	0	0	–	18.2	19	37	04
		GÎZA	270	01	15	00	0	0	–	18.6	20	41	06
	62379	HELWÂN	70	02	15	01	0	0	–	18.4	18	28	-01
Upper Egypt	62381	FAIYÛM	00	00	35	01	0	0	–	18.0	17	52	07
	62387	MINYA	00	00	11	00	0	0	–	18.4	21	41	07
	62395	ASYÛT MANQABAD	00	00	30	00	0	0	–	17.0	21	33	04
	62399	NAG' HAMMADI	00	00	35	00	0	0	–	16.2	22	36	06
	62402	QENA	220	05	50	00	0	0	–	17.4	20	41	06
	62405	LUXOR	340	02	30	00	0	0	–	16.7	22	41	08
	62414	ASWÂN	360	06	50	00	0	0	–	16.3	24	24	02
Oases	62417	SÎWA	140	08	15	00	0	0	–	19.1	20	64	13
	62420	BAHARÎYA	90	01	30	00	1	0	–	18.8	20	41	06
	62423	FARAFRA											
	62432	DAKHLA	00	00	50	00	0	0	–	17.3	19	46	07
	62435	KHARGA	20	03	35	00	0	0	–	18.2	23	18	-03
Red Sea	62450	SUEZ	180	04	35	02	0	0	–	17.2	17	52	07
	62459	TÛR	270	02	50	00	0	0	–	19.9	20	56	11
	62462	HURGHÂDA	30	02	–	01	0	0	–	18.8	19	64	12
	62465	QUSEIR	360	12	15	02	0	0	–	18.0	21	50	10
	62641	PORT SUDÂN	30	13	30	03	1	8	Cu,Ac	14.7	25	61	17
North Sudan	62600	WÂDI HALFA	30	07	30	01	1	6	Ci,Cs	14.8	26	18	00
	62640	ABU HAMAD	110	05	30	03	0	2	Ci	11.7	31	16	02
	62660	KAREIMA	70	05	30	00	0	0	–	11.9	31	26	09
	62680	ATBARA	70	09	10	02	0	1	Ci	10.7	31	22	07
	62721	KHARTUM	20	09	30	00	0	0	–	9.5	33	23	09
	62730	KASSALA	360	01	30	00	0	0	–	6.8	33	36	16
Central Sudan	62751	WÂD MEDANI	50	09	35	00	0	0	–	7.8	34	20	08
	62801	RENK											
	62802	ROSEIRES	330	05	35	00	0	0	–	5.3	35	25	12
	62771	EL OBEID	20	10	30	00	0	0	–	8.6	31	22	07
	62760	EL FÂSHER	70	09	30	00	0	0	–		31	19	05
	62770	GENEINA	90	05	30	00	0	0	–		33		
S. Sudan	62840	MALAKÂL	40	09	30	00	0	3	–	6.4	36	19	09
	62880	WÂU	90	05	30	01	1	3	Ac	5.3	37	13	04
	62941	JUBA	90	09	30	03	0	3	Cu,Ci	4.1	38	21	12

At 1800 on 9th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
62300	SALUM	140	03	7	03	2	7	Ac.	17.8	15	59	07	0
62305	SIDI BARÂNI	110	04	35	03	2	8	Ci	18.4	11	88	09	0
62306	MATRÛH	180	05	12	03	1	6	Sc.Ac.	18.9	12	88	10	0
62309	EL DABA	90	09		01	1	3	Cu	16.6	17	56	08	0
	ALEXANDRIA	90	06	7	03	2	5	Ac.	19.0	12	63	05	0
62318	FOUAD (Airport)	60	02	16	03	1	4	Ac	18.4	11	88	09	0
62330	DAMIETTA	110	05	–	03	1	4	Ac	18.6	15	48	04	0
62333	PORT SA'ID	120	09	5	05	0	5	Ci,Cs	18.9	13	67	07	0
62336	EL 'ARISH	180	06	35	00	0	0	–	19.1	17	52	07	0
62339	DAMANHÛR	90	05	3	03	1	3	Ac	19.0	10	76	06	0
62342	MANSURA	40	05	3	00	0	0	–	18.8	10	78	06	0
62348	TANTA	00	00	35	03	1	3	Cu	19.9	12	63	05	0
62354	ZAGAZIG	40	02	15	00	0	0	–	19.6	9	82	06	0
62441	ISMA'ILIA	60	02	4	00	1	3	Sc	18.1	10	50	00	0
62366	FAROUK (Airport)	260	03	8	03	1	4	Ac.Ci	18.8	8	76	04	0
62372	ALMAZA	110	06	12	03	2	6	Ac	19.0	11	76	02	0
	EZBEKIYA	00	00	15	02	0	5	Ac	18.7	10	76	06	0
	GÎZA	00	00	15	02	0	5	Ac.	19.4	8	76	04	0
62379	HELWÂN	90	01	15	03	2	7	Ac.	19.0	13	34	-03	0
62381	FAIYÛM	00	00	15	12	4	4	Ci	18.7	11	94	10	0
62387	MINYA	00	00	8	00	0	0	–	18.9	12	44	00	0
62395	ASYÛT MANQABAD	00	00	35	00	0	0	–		12	77	08	0
62399	NAG' HAMMADI	00	00	35	00	0	0	–		14	55	05	0
62402	QENA	240	02	35	00	0	0	–	17.8	14	52	04	0
62405	LUXOR	00	00	12	00	0	0	–	17.8	17	58	07	0
62414	ASWÂN	00	00	50	00	0	0	–	17.6	18	37	03	0
62417	SÎWA	00	00	7	00	0	0	–	18.2	15	48	04	0
62420	BAHARÎYA	00	00	18	01	1	3	Ac.	18.8	12	44	00	0
62423	FARAFRA	360	01	4	02	1	5	Ac.	19.1	13	44	01	0
62432	DAKHLA	00	00	35	00	0	0	–	15.9	17	58	07	0
62435	KHARGA	00	00	15	00	0	0	–	18.6	16	—	—	0
62450	SUEZ	00	00	7	02	0	0	–	18.4	13	67	07	0
62459	TÛR	40	02	15	00	0	0	–	19.1	12	82	07	0
62462	HURGHÂDA	210	06	70	00	0	0	–	18.9	12	63	05	0
62465	QUSEIR	310	08	15	02	0	0	–	18.3	17	52	07	0
62641	PORT SUDÂN												
62600	WÂDI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	ATBARA												
62721	KHARTUM												
62730	KASSALA												
62751	WÂD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID												
62760	EL FÂSHER												
62770	GENEINA												
62840	MALAKÂL												
62880	WÂU												
62941	JUBA												

At 0600 on MONDAY 10th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temp. Dry Bulb	Temp. Maximum Yesterday	Temp. Maximum Diff. from normal	Temp. Minimum Today	Temp. Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
62300	SALUM	320	10	15	01	0	3	Ac.Ci	17.5		11	19		9		63	04	6		
62305	SIDI BARÂNI	160	05	50	01	1	3	Ci	18.6		9	19		5		71	04	0	157	
62306	MATRÛH	230	02	12	03	1	5	Ci	18.6		8	18		6		62	01	0	121	
62309	EL DABA	270	12		01	1	4	Cu,Sc	18.4		13	21		5		67	07	0	94	
	ALEXANDRIA	00	00	7	04	2	4	Ci	18.4	-0.5	13	19	0	10	0	67	07	0	140	113
62318	FOUAD (Airport)	250	04	12	03	1	3	Ci	17.4		9	18		6		94	08	0	119	82
62330	DAMIETTA	160	05		12	1	5	Sc.Ac	17.5	-0.5	7	16		3		87	05	0	59	49
62333	PORT SA'ID	250	08	5	05	1	3	Cs.	17.7		10	17		8		62	03	0	17	
62336	EL 'ARISH	180	06	30	03	2	6	Ci Cs	17.9	-0.7	8	19						0	32	39
62339	DAMANHÛR	270	09	3	03	1	6	Cc	17.9	-0.7	8	19	-1	5	-3	71	03	0	26	44
62342	MANSURA	320	02	35	01	1	4	Ac.	17.9	-0.6	6	20	0	5	-3	87	04	0	12	20
62348	TANTA	200	02	35	03	1	5	Cu	18.8	-0.4	6	20	0	2	-4	87	04	0	9	16
62354	ZAGAZIG	180	02	15	00	0	0	–	18.6	-0.5	7	19	-1	3	-4	76	03	0	3	11
62441	ISMA'ILIA	200	02	7	00	2	8	As.	20			22		5			02	0	5	
62366	FAROUK (Airport)	00	00	6	05	1			17.9		8	18		7		80	04	0	M	
62372	ALMAZA	00	00	12	03	1	6	Ac.Ci	18.6	-0.6	9	20		7		62	02	0	2	
	EZBEKIYA	00	00	15	03	2	3	Ac.	18.2	-1.2	9	20	0	5	-3	62	02	0	6	10
	GÎZA	00	00	15	03	2	3	Ac.	18.6	-1.0	8	21	+2	2	-4	66	02	0	12	11
62379	HELWÂN	00	00	15	03	2	7	Ac.Ci	18.4	-1.3	12	19	0	10	+2	55	03	0	6	11
62381	FAIYÛM	06	00	7	02	4	7	Ci.Cs	18.8	-0.6	9	21	0	6	0	71	04	0	6	3
62387	MINYA	00	00	5	10	2	6	Ac.Ci	18.7		7	22		7		62	00	0	4	
62395	ASYÛT MANQABAD	00	00	30	02	0	3	Ac.Ci	17.6		10			7		62	03	0	0	
62399	NAG' HAMMADI	00	00	35	00	0	0	–	18.4	-1.4	9	23		4		62	02	0	0	
62402	QENA	00	00	15	00	0	0	–	18.7	-0.4	10	21	-2	5	-2	50	00	0	M	
62405	LUXOR	00	00	30	03	0	0	–	18.3		9	22		4		54	00	0	M	
62414	ASWÂN	20	02	50	00	0	0	–	18.4	-0.7	13	25	+2	10	0	48	02	0	M	
62417	SÎWA	00	00	15	00	0	0	–	18.4	-2.3	11	23	+4	7	+3	77	07	0	0	5
62420	BAHARÎYA	00	00	30	02	1	6	Ac.	19.0	-1.3	9	22	+2	6	+1	47	-02	0	M	4
62423	FARAFRA	140	01	30	01	1	3	Ac.	19.0		9	23		1		47	-02	0	M	
62432	DAKHLA	00	00	35	00	0	2	Ac.	18.7	+1.8	6	20	-2	4	-1	61	-01	0	M	
62435	KHARGA	00	00	35	00	0	4	Ci	19.4	-0.1	10	24	+2	6	0	50	00	0	0	
62450	SUEZ	00	00	15	00	0	6	Cu	16.7	-2.1	10	19	-1	6	-4	50	00	0	12	9
62459	TÛR	360	02	15	00	0	4	Sc.Cu	17.1	-0.9	15	21	0	4	-5	59	07	0	0	7
62462	HURGHÂDA	260	09	—	00	0	0	–	17.6		12	20		8		28	-06	0	M	
62465	QUSEIR	210	08	15	02	0	0	–	17.5	-0.3	16	22	-1	14	0	49	05	0	0	4
62641	PORT SUDÂN	350	09	30	01	2	7	Sc.Ac	15.5		23	26		19		69	17	0	34	86
62600	WÂDI HALFA	20	04	30	00	0	6	Ci.Cs	16.6		12	27		9		47	01	0	6	
62640	ABU HAMAD	50	05	30	00	0	1	Ci	15.1		17	32		14		26	-02	0		
62660	KAREIMA	70	02	30	00	0	0	–	14.9		17	32		13		39	03	0	3	1
62680	ATBARA	20	05	10	03	0	0	–	14.2		19	33		15		64	12	0	7	2
62721	KHARTUM	20	09	30	01	0	1	Ci	12.9		19	34				78	15	0	10	4
62730	KASSALA																		2	8
62751	WÂD MEDANI	360	05	35	00	0	0	–	11.5		20	35		15		64	13	0	11	12
62801	RENK																		0	4.9
62802	ROSEIRES	340	05	35	00	0	0	–	11.2		18	37		15		73	13	0	2	36
62771	EL OBEID	350	03	30	00	0	0	–	14.0		15	32		14		48	04	0	0	16
62760	EL FÂSHER	340	05	30	00	0	0	–			15	33		14		30	-03	0	0	6
62770	GENEINA																			4
62840	MALAKÂL	20	10	30	00	0	0	–	9.2		24	36		20		34	07	0	69	88
62880	WÂU	00	00	30	00	0	0	–	9.6		21	38		17		57	12	0	261	143
62941	JUBA	360	02	30	00	0	0	–	8.3		26	39		18		94	15		129	144

HUMIDITY %

Mean of day

STATION	on 9th	Diff. from normal
Alexandria	64	-2
Ezbekiya	72	+3
Gîza	83	+9
Helwân	43	-15

GÎZA
GRASS MINIMUM TEMP.
ON 10th -2.5 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

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

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

UPPER WIND OBSERVATIONS on 9th

Height m.	MATRUH Dir.	MATRUH Vel.	FOUAD A.P. Dir.	FOUAD A.P. Vel.	PORT SAID Dir.	PORT SAID Vel.	MINYA Dir.	MINYA Vel.
Time	14		15		14		15	
300	120	10	50	13	90	10	40	16
600	130	15	60	14	120	8	20	16
1000	120	18	60	16	160	12	20	17
1500	210	06	80	22	220	04	10	17
2000	230	27	80	24	230	9	360	21
3000	250	22	70	21	280	21		
4000					270	27		
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 10th

Height m.	SIDI BARÂNI Dir.	SIDI BARÂNI Vel.	MATRUH Dir.	MATRUH Vel.	FOUAD AIRPORT Dir.	FOUAD AIRPORT Vel.	PORT SA'ID Dir.	PORT SA'ID Vel.	EL 'ARISH Dir.	EL 'ARISH Vel.	HELWÂN Dir.	HELWÂN Vel.	MINYA Dir.	MINYA Vel.	ASYÛT MANQABAD Dir.	ASYÛT MANQABAD Vel.	LUXOR Dir.	LUXOR Vel.	ASWÂN Dir.	ASWÂN Vel.	HURGHADA Dir.	HURGHADA Vel.	Dir.	Vel.
Time	5				3		4				6 45		3						5		9			
300	200	8			260	05	260	10			210	2	150	11					360	7	90	4		
600	150	1			260	7	230	11			250	10	280	11					50	10	180	4		
1000	90	1			230	9	260	12			270	13	280	6					30	10	360	4		
1500	330	7			170	6	260	9			290	17	280	16					310	5	60	17		
2000	300	11			210	10					260	14	270	22					290	9				
3000											270	—												
4000											ENT. AC.													
5000																								
6000																								
7000																								
8000																								

Height m.	SÎWA Dir.	SÎWA Vel.	BAHARÎYA Dir.	BAHARÎYA Vel.	DAKHLA Dir.	DAKHLA Vel.	KHARGA Dir.	KHARGA Vel.	WÂDI HALFA Dir.	WÂDI HALFA Vel.	ABÛ HAMAD Dir.	ABÛ HAMAD Vel.	KAREIMA Dir.	KAREIMA Vel.	KHARTÛM Dir.	KHARTÛM Vel.	KASSALA Dir.	KASSALA Vel.	EL OBEID Dir.	EL OBEID Vel.	EL FÂSHER Dir.	EL FÂSHER Vel.	MALAKÂL Dir.	MALAKÂL Vel.
Time	5		5		5		6						5											
300	320	7	220	5	270	4	30	6					50	13										
600	340	12	270	8	190	3	20	4					70	30										
1000	320	12	300	16	240	3	310	5					50	25										
1500	290	18	300	20			300	7					60	25										
2000	270	26	290	18									80	17										
3000	260	39	270	34									80	19										
4000	280	57	280	37									40	21										
5000			280	56																				
6000																								
7000																								
8000																								

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

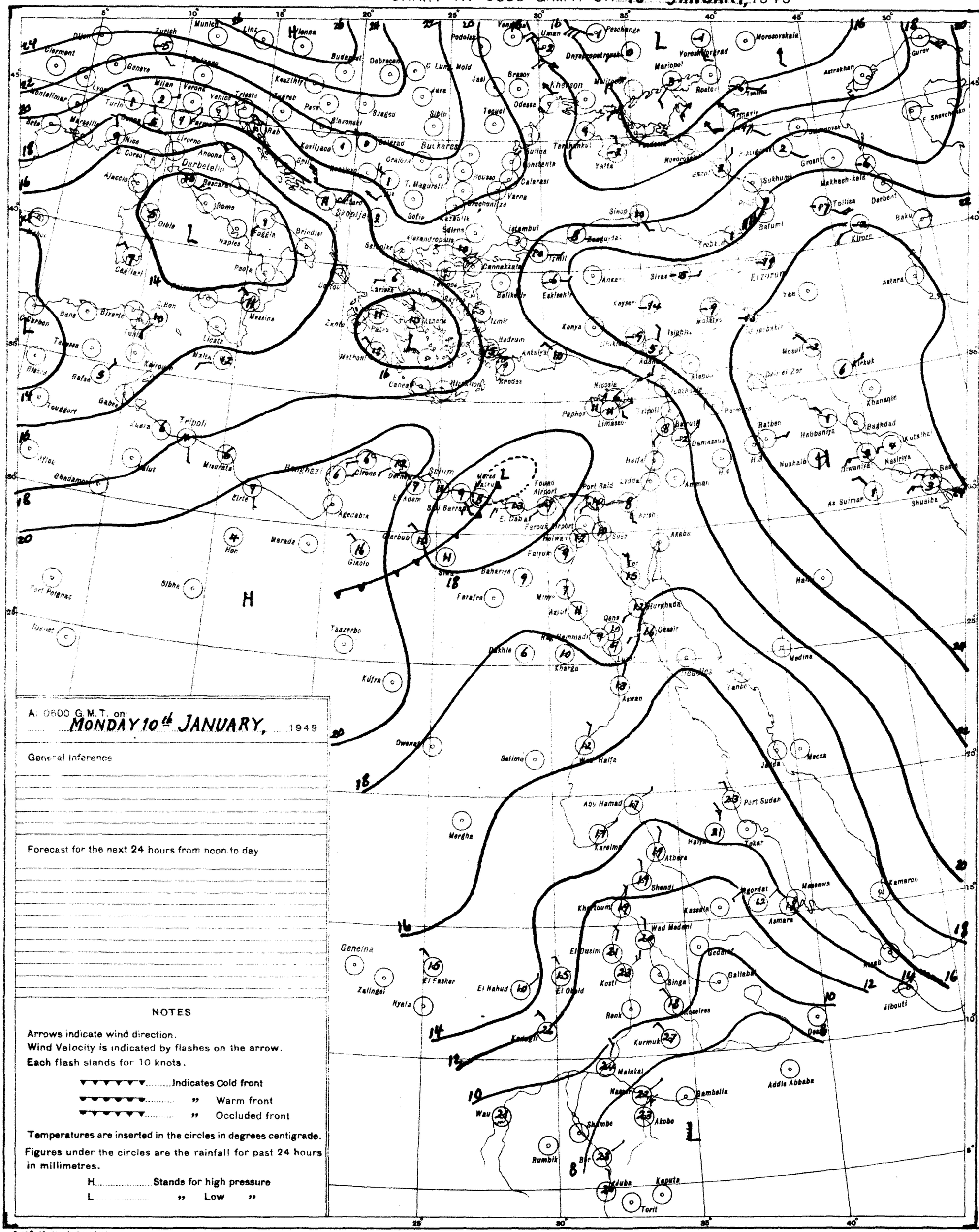
Z.A.S.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 10th JANUARY, 1949


Zurich
Munich
Linz
Vienna
Budapest
Dabrecan
Clermont
Geneve
Milan
Verona
Venice
Trieste
Turin
Marseille
Nice
Livorno
Ancona
Rome
Naples
Foggia
Brindisi
Bari
Messina
Palermo
Cagliari
Ajaccio
Bizerte
Tunis
Tripoli
Benghazi
Tobruk
Sofia
Skoplje
Salonika
Athens
Istanbul
Izmir
Ankara
Konya
Adana
Nicosia
Rhodes
Crete
Odessa
Kherson
Sevastopol
Rostov
Mariopol
Tbilisi
Batumi
Erzurum
Sinop
Trabzon
Tel Aviv
Jerusalem
Beirut
Damascus
Port Said
Suez
Cairo
Alexandria
Khartoum
Port Sudan
Asmara
Massawa
Addis Abbaba
Djibouti
Aden
Mecca
Medina
Basra
Baghdad
Tehran
Astrakhan
Gurev
Makhach-kala
Derbent
Baku
Kirovo
Kirkuk
Khanaqin
Aswan
Wadi Halfa
Atbara
Shendi
Kassala
Geneina
Nyala
Zalingei
El Fasher
El Obeid
Kosti
Wau
Rumbik
Torit
Kapoeta
Juba
Bor
Malakal
Kurmuk
Gambella
Akobo
Jimma
Asmara
Keren
Tokar
Port Sudan
Kamaran
Mogadishu
Kismayu
Lamu
Mombasa
Tanga
Dar es Salaam
Zanzibar
Tabora
Mwanza
Kampala
Entebbe
Nairobi
Eldoret
Kisumu
Dire Dawa
Harar
Jimma
Gondar
Addis Abbaba
Kuala Lumpur
Singapore
Penang
Colombo
Madras
Bombay
Karachi
Quetta
Peshawar
Lahore
Delhi
Calcutta
Rangoon
Bangkok
Saigon
Hong Kong
Canton
Shanghai
Tientsin
Peking
Hankow
Chungking
Kunming
Lhasa
Tashkent
Alma Ata
Omsk
Novosibirsk
Irkutsk
Yakutsk
Vladivostok
Khabarovsk
Petropavlovsk
Tokyo
Osaka
Fukuoka
Sapporo
Manila
Cebu
Davao
Honolulu
Midway
Wake
Guam
Pago Pago
Apia
Nouméa
Suva
Port Moresby
Darwin
Perth
Adelaide
Melbourne
Sydney
Brisbane
Hobart
Wellington
Christchurch
Auckland
Chatham Is.
Kerguelen
Port Lockroy
Stanley
Ushuaia
Punta Arenas
Valparaiso
Santiago
Lima
Iquitos
Bogota
Caracas
Panama
San José
Managua
Tegucigalpa
San Salvador
Guatemala
Mexico City
Veracruz
Havana
Kingston
San Juan
Nassau
Miami
New Orleans
Galveston
Brownsville
Chicago
Detroit
Cleveland
Pittsburgh
Washington
New York
Boston
Halifax
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Victoria
Seattle
San Francisco
Los Angeles
San Diego
Phoenix
Denver
Salt Lake City
Cheyenne
Bismarck
Minneapolis
Duluth
Kansas City
St. Louis
Memphis
Atlanta
Jacksonville
Tallahassee
Charleston
Norfolk
Cape Hatteras
Bermuda
Nassau
Kingston
San Juan
Port au Prince
Havana
Key West
Miami
Tampa
Pensacola
New Orleans
Galveston
Brownsville
Corpus Christi
Amarillo
Albuquerque
Tucson
El Paso
Chihuahua
Durango
Mazatlan
Guadalajara
Mexico City
Veracruz
Merida
Belize
Guatemala
San Salvador
Managua
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Santiago
Punta Arenas
Ushuaia
Stanley
Port Lockroy
Kerguelen
Cape Town
Windhoek
Walvis Bay
Upington
Bloemfontein
Pretoria
Salisbury
Bulawayo
Lourenço Marques
Beira
Tananarive
Mauritius
Seychelles
Diego Garcia
Cocos Is.
Christmas Is.
Darwin
Port Moresby
Rabaul
Noumea
Suva
Apia
Pago Pago
Wake
Midway
Honolulu
Guam
Manila
Cebu
Davao
Hong Kong
Canton
Shanghai
Tientsin
Peking
Hankow
Chungking
Kunming
Lhasa
Tashkent
Alma Ata
Omsk
Novosibirsk
Irkutsk
Yakutsk
Vladivostok
Khabarovsk
Petropavlovsk
Tokyo
Osaka
Fukuoka
Sapporo
Kuala Lumpur
Singapore
Penang
Colombo
Madras
Bombay
Karachi
Quetta
Peshawar
Lahore
Delhi
Calcutta
Rangoon
Bangkok
Saigon
Hong Kong
Canton
Shanghai
Tientsin
Peking
Hankow
Chungking
Kunming
Lhasa
Tashkent
Alma Ata
Omsk
Novosibirsk
Irkutsk
Yakutsk
Vladivostok
Khabarovsk
Petropavlovsk
Tokyo
Osaka
Fukuoka
Sapporo
Manila
Cebu
Davao
Honolulu
Midway
Wake
Guam
Pago Pago
Apia
Nouméa
Suva
Port Moresby
Darwin
Perth
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Brisbane
Hobart
Wellington
Christchurch
Auckland
Chatham Is.
Kerguelen
Port Lockroy
Stanley
Ushuaia
Punta Arenas
Valparaiso
Santiago
Lima
Iquitos
Bogota
Caracas
Panama
San José
Managua
Tegucigalpa
San Salvador
Guatemala
Mexico City
Veracruz
Merida
Belize
Havana
Kingston
San Juan
Nassau
Miami

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

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

Form No 7 F.

DAILY WEATHER REPORT

Date: TUESDAY 11 JANUARY, 1949

At 1200 on MONDAY 10th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
MEDITERRANEAN	62300	SALUM	20	10	7	01	0	1	Ac	17.8	18	60	10
	62303	SIDI BARANI	340		50	02	1	3	Ci	18.6	17	52	7
	62306	MATRUH	40	4	18	02	1	5	Ci	17.9	18	64	11
	62309	EL DABA	360	11		01	2	5	Cu	17.8	17	64	10
		ALEXANDRIA	360	9	50	03	2	6	Ac	17.0	17	60	9
	62318	FOUAD (Airport)	340	11	10	02	1	6	Sc, Ci	16.8	18	60	10
	62330	DAMIETTA	320	5	15	01	0	0	—	16.7	18	60	10
	62333	PORT SA'ID	270	12	06	05	1	0	—	16.2	18	52	8
	62336	EL 'ARISH	320	6	35	01	1	3	Ci	16.2	17	34	1
LOWER EGYPT	62339	DAMANHUR	340	9	15	02	1	6	Ac	17.4	18	60	10
	62342	MANSURA	320	5	35	00	1	0	—	16.7	19	52	9
	62348	TANTA	310	16	35	03	2	8	Ac	18.0	19	52	9
	62354	ZAGAZIG	270	2	15	01	2	2	Cu	16.4	17	56	8
	62441	ISMA'ILIA	250	8	15	01	1	3	Ac	16.4	19	30	1
CAIRO AREA	62366	FAROUK (Airport)	240	11	7	05	2	6	Ac, Ci	16.9	18	37	3
	62372	ALMAZA	280	8	10	02	2	5	Cs	16.7	18	43	5
		EZBEKIYA	270	2	15	03	1	6	Cs	16.8	19	30	1
		GIZA	270	2	15	03	1	6	Cs	17.0	19	32	2
	62378	HELWAN	00	0	7	02	2	7	Ci	17.0	18	37	3
UPPER EGYPT	62381	FAIYUM	00	0	35	03	2	8	St, Fc	16.8	20	35	4
	62387	MINYA	00	0	10	02	1	3	Ac, Ci	16.7	20	33	3
	62393	ASYUT MANQABAD	00	0	30	02	0	2	Cc	14.9	22	27	2
	62399	NAG' HAMMADI	00	0	35	00	0	0	—	14.7	22	44	9
	62402	QENA	220	2	50	00	0	0	—	15.5	21	33	4
	62405	LUXOR	00	0	7	00	1	0	—	15.3	22	47	10
	62414	ASWAN	360	5	50	00	0	0	—	13.9	25	19	0
OASES	62417	SIWA	00	0	15	00	0	0	—	18.7	20	56	11
	62420	BAHARIYA	90	3	30	02	1	6	Ac	17.4	22	29	3
	62423	FARAFRA											
	62432	DAKHLA	320	6	50	00	0	0	—		24	15	-5
	62435	KHARGA	00	0	35	00	0	0	—	16.2	24	22	1
RED SEA	62450	SUEZ	00	0	35	01	0	4	Sc	14.8	21	31	3
	62459	TOR	310	2	15	02	1	7	Ci		20	43	7
	62462	HURGHADA	10	5		03	0	3	Ac, Ci	15.8	21	65	14
	62465	QUSEIR	90	8	15	02	0	0	—	14.6	22	50	11
	62641	PORT SUDAN											
NORTH SUDAN	62600	WADI HALFA											
	62640	ABU HAMAD											
	62660	KAREIMA											
	62680	'ATBARA											
	62721	KHARTUM	20	9	30	02	0	5	Ci	7.0	32	29	12
	62780	KASSALA	50	2	30			8					14
CENTRAL SUDAN	62751	WAD MEDANI	50	13	35	01	0	2	Ci	4.4	35	22	10
	62801	RENK	360	9	50	00	0	0	—	5.9	33	26	11
	62802	ROSEIRES	310	5	35	00	0	0	—		36	22	11
	62771	EL OBEID	40	10	30	00	0	0	—	5.9	32	21	7
	62760	EL FASHER	90	9	30	00	0	1	Ci		32	21	7
	62770	GENEINA	50	4	30	00	0	0	—		33	10	—
S. SUDAN	62840	MALAKAL	360	13	30	00	0	0	—	4.3	36	14	5
	62880	WAU	50	4	30	00	0	0	—	3.5	37	17	8
	62941	JUBA	360	5	10	04	0	3	Cu	2.2	37	25	14

At 1800 on MONDAY 10th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms.
SALUM	20	3	7	01	0	0	—	19.1	16	08	10	0
SIDI BARANI	140	3	35	01	0	0	—	19.6	11	88	9	0
MATRUH	80	1	12	03	1	4	Sc	19.6	12	88	10	0
EL DABA	360	13		01	2	3	Cu		12	82	9	0
ALEXANDRIA	40	5	7	01	2	4	Cu, Sc	17.0	16	59	8	0
FOUAD (Airport)	360	5	15	02	2	7	Sc	18.4	16	68	10	0
DAMIETTA	90	5		03	0	1	Fs, Fc	17.2	14	77	10	0
PORT SA'ID	300	8	12	03	0	2	Sc	17.5	14	77	10	0
EL 'ARISH	270	6	7	00	0	1	Ci	16.4	13	85	4	0
DAMANHUR	320	5	7	02	1	5	Cu	18.2	14	77	10	0
MANSURA	340	5	3	03	2	6	Sc	17.9	15	68	9	0
TANTA	270	2	35	01	2	5	Cu	19.5	14	77	10	0
ZAGAZIG	180	2	15	00	0	0	—	18.2	11	88	9	0
ISMA'ILIA	290	2	7	01	1	5	Sc	17.6	13	67	7	0
FAROUK (Airport)	00	0	4	05	0	0	—	17.9	13	63	6	0
ALMAZA	360	6	10	02	2	1	Sc	16.8	13	60	5	0
EZBEKIYA	00	0	15	00	0	0	—	18.3	12	63	5	0
GIZA	00	0	15	00	0	0	—	18.0	10	76	6	0
HELWAN	330	4	7	01	0	0	—	18.2	13	55	4	0
FAIYUM	00	0	1.5	12	4	0	—	17.0	10	88	8	0
MINYA	360	5	8	01	1	4	Ci	17.3	14	55	5	0
ASYUT MANQABAD												
NAG' HAMMADI	00	0	35	00	0	0	—	16.2	12	63	5	0
QENA	240	5	7	00	0	0	—	17.2	15	48	4	0
LUXOR												
ASWAN	00	0	50	00	0	0	—	15.1	19	19	-5	0
SIWA	00	0	7	00	0	0	—	19.5	12	72	7	0
BAHARIYA	360	2	18	03	2	8	Ac	18.2	16	42	3	0
FARAFRA												
DAKHLA	180	3	35	00	0	2	Sc	16.8	18	20	-5	0
KHARGA	00	0	15	00	0	0	—	17.1	19	23	-3	0
SUEZ	240	8	7	01	0	2	Sc, Cu	17.2	13	67	7	0
TOR	00	0	15	03	1	8	Ci	16.2	17	60	9	0
HURGHADA	00	0	50	01	2	4	Ac	16.2	18	88	10	0
QUSEIR	20	8	15	02	0	0	—	15.8	19	64	12	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on TUESDAY 11th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	250	3	7	03	0	1	Ci	19.8		13	19		8		77	9	0		
SIDI BARANI	180	2	50	03	0	2	Cu, Ci	20.7		9	21		6		95	9	0	157	
MATRUH	360	2	15	03	1	3	Sc	20.6		6	19		5		95	6	0	121	
EL DABA	360	6		01	0	0	—	19.9		15	22		7		77	11	0	94	
ALEXANDRIA	20	4	50	01	2	4	Ac	20.4	+1.5	16	19	0	11	+1	59	8	0	140	115
FOUAD (Airport)	40	2	15	01	0	1	Cu	20.1		14	18		12		72	9	0	119	83
DAMIETTA	320	5		02	0	2	Cu	19.9	+1.9	14	19		5		77	10	0	59	50
PORT SA'ID	20	10	15	01	1	2	Sc	19.9		15	18		13		72	10	0	17	
EL 'ARISH	220	6	15	03	2	6	Cu	19.0	+0.4	12	19	0			77	8	0	32	40
DAMANHUR	90	5	7	01	1	2	Cu	20.2	+1.6	10	19	-1	7	-1	88	8	0	26	45
MANSURA	360	2	35	02	2	4	Sc, Cu	20.3	+1.9	11	20	0	8	+1	88	9	0	12	20
TANTA	00	0	35	01	0	1	Cu	21.0	+1.8	8	19	-1	4	-2	88	6	0	9	17
ZAGAZIG	180	2	15	00	0	0	—	20.7	+1.6	9	20	0	5	-2	94	8	0	3	11
ISMA'ILIA	270	2	7	00	1	4	Sc	19.8		12	19		7		77	8	0	5	
FAROUK (Airport)	00	0	12	00	0	1	Ac	20.1		9	18		7		88	7	0	tr.	
ALMAZA	100	3	10	00	0	1	Ac	20.3		10	19		6		79	7	0	2	
EZBEKIYA	00	0	15	00	0	0	—	20.6	+1.2	9	19	-1	7	-1	88	7	0	6	11
GIZA	00	0	15	00	0	0	—	20.6	+1.0	8	20	+1	4	-2	88	6	0	12	12
HELWAN	360	6	7	01	0	1	Fs	20.3	+0.6	10	19	+1	7	-1	76	6	0	6	11
FAIYUM	00	0	7	01	4	0	—	20.4	+1.0	10	20	-1	6	0	76	6	0	tr.	3
MINYA	340	6	8	10	1	0	—	19.5		8	21	+1	5		66	2	0	4	
ASYUT MANQABAD	270	9	18	00	0	1	Ci	19.1		8	24		7		88	6	0	0	
NAG' HAMMADI	00	0	15	00	0	6	Ac	17.4	-2.4	11	23		7		63	4	0	0	
QENA	270	5	15	01	0	0	—	17.8	-1.3	11	23	0	9	+2	63	4	0	tr.	
LUXOR	00	0	30	03	1	4	Sc	17.1		13			6		48	2	0	tr.	
ASWAN	20	2	50	00	0	0	—	17.9	+1.2	15	26	+3	10	0	48	4	0	tr.	
SIWA	00	0	15	00	0	0	—	21.0	+0.3	7	22	+3	3	-1	57	-1	0	0	5
BAHARIYA	360	2	30	01	1	3	Ac	20.4	+0.1	10	24	+4	7	+2	88	8	0	tr.	4
FARAFRA																		tr.	
DAKHLA	180	3	35	00	0	0	—	18.8	+1.7	7	26	+4	4	-1	43	-3	0	tr.	
KHARGA	20	3	35	00	0	3	Ci	18.8	-0.8	10	25	+3	8	+2	54	1	0	0	
SUEZ	00	0	15	00	0	0	—	19.8	+1.0	10	22	+2	9	-1	88	8	0	12	9
TOR		12	35	00	1	0	—	18.8	+0.8	14	23	+2	9	0	95	5	0	0	8
HURGHADA	290	11		00	0	0	—	17.0		15	23		14		68	9	0	tr.	
QUSEIR	310	8	15	00	0	2	Cc	16.0	-1.8	17	23	0	11	-3	42	4	0	0	4
PORT SUDAN	320	9	—	03	2	6	Sc	14.2		23	27		19		74	18	0	34	86
WADI HALFA	360	1	30	00	0	0	—	16.4		12	28		8		91	-5	0	tr.	
ABU HAMAD	20	5	30	00	0	0	—	13.7		17	32		14		28	-2	0	—	
KAREIMA	50	3	30	00	0	0	—	13.7		17	33		15		37	2	0	3	1
'ATBARA	50	5	10	00	0	0	—	13.3		20	34		15		64	13	0	7	2
KHARTUM	20	9	30	00	0	0	—	11.7		20	34		18		43	7	0	10	4
KASSALA	20	2	30	00	0	0	—	9.4		24	35		18		69	18	0	2	8
WAD MEDANI	20	9	50	00	0	0	—	11.1		19	36		13		73	14	0	11	12
RENK	50	5	50	00	0	0	—	—		24	34		15		54	14	0	0	49
ROSEIRES	340	5	35	00	0	0	—	9.5		20	37		18		64	13	0	2	36
EL OBEID	340	5	50	00	0	0	—	12.2		18	33		15		32	1	0	0	16
EL FASHER	310	5	30	00	1	0	—			13	32		10		51	3	0	0	6
GENEINA	50	3	30	02	1	7	Cs			15	36		11		32	-2	0	—	4
MALAKAL	20	11	30	01	1	0	—	9.0		24	37		19		26	3	0	69	89
WAU	00	0	30	00	0	0	—	7.2		22	38		18		53	12	0	261	143
JUBA	360	15	30	00	0	0	—	3.0		27	39		21		48	15	0	129	144

HUMIDITY % Mean of day

Station	on 10th	Diff. from normal
Alexandria	63	-3
Ezbekiya	59	-10
Giza	66	-8
Helwan	48	-10

GIZA GRASS MINIMUM TEMP ON 11th -1.8 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE

Pressure mbs	Height above M.S.L. Metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
Farouk A.P. AIRPORT — On 11th At 4					
1000	153	9	67	110	4
950		9	62		
900		5	75		
850	1023	6	39	350	16
800					
700	3065	-1		300	28
600					
500	5668	-17		310	59
400		-27			
300	9313	-41			
..... AIRPORT — On ..... At					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					
..... AIRPORT — On ..... At					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 10th

Height m.	P. Said Dir.	P. Said Vel.	Minya Dir.	Minya Vel.	Almaza Dir.	Almaza Vel.
	14		15		12 30	
300	300	16	10	20	330	4
600	310	19	10	16	280	8
1000	320	16	10	15	300	11
1500	290	24	20	11	280	15
2000	270	21	30	11	270	28
3000	220	7				
4000						
5000						
6000						
7000						
8000						

UPPER WIND OBSERVATIONS on .....

Station	Time	Height m.	Dir.	Vel.
SIDI BARANI	5	300	70	6
		600	60	9
		1000	60	9
		1500	320	3
		2000	310	9
MATRUH	5	600	40	9
		1000	30	10
		1500	50	10
		2000	330	4
FOUAD AIRPORT	3	300	350	6
		600	340	6
		1000	350	7
		1500	330	4
PORT SA'ID	4	300	350	16
		600	360	12
		1000	360	14
		1500	360	7
		2000	330	16
EL 'ARISH				
HELWAN	7 45	300	320	8
		600	30	19
		1000	20	18
MINYA	3	300	330	26
		600	20	35
		1000	10	20
		1500	320	19
ASYUT MANQABAD				
LUXOR				
ASWAN	5	300	10	15
		600	10	19
		1000	360	13
HURGHADA	9	300	330	22
		600	310	12
		1000	380	18
		1500	300	12
Farouk A.P.	4	300	30	13
		600	20	15
		1000	20	18
		1500	350	6
		2000	330	17
		3000	300	28
		4000		
		5000		
		6000		
		7000		
		8000		

Station	Time	Height m.	Dir.	Vel.
SIWA	5	300	90	24
		600	90	23
		1000	70	21
		1500	80	7
		2000	250	6
		3000	280	23
		4000	290	34
		5000	280	50
		6000		
		7000		
		8000		
BAHARIYA	5	300	50	19
		600	50	27
		1000	40	24
		1500	20	17
		2000	330	19
DAKHLA	5	300	50	10
		600	50	13
		1000	10	10
		1500	310	5
		2000	230	2
KHARGA	6 15	300	10	15
		600	10	22
		1000	360	21
WADI HALFA				
ABU HAMAD				
KAREIMA	5	1000	70	10
		1500	80	31
		2000	80	30
KHARTUM				
KASSALA				
EL OBEID				
EL FASHER				
MALAKAL				

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

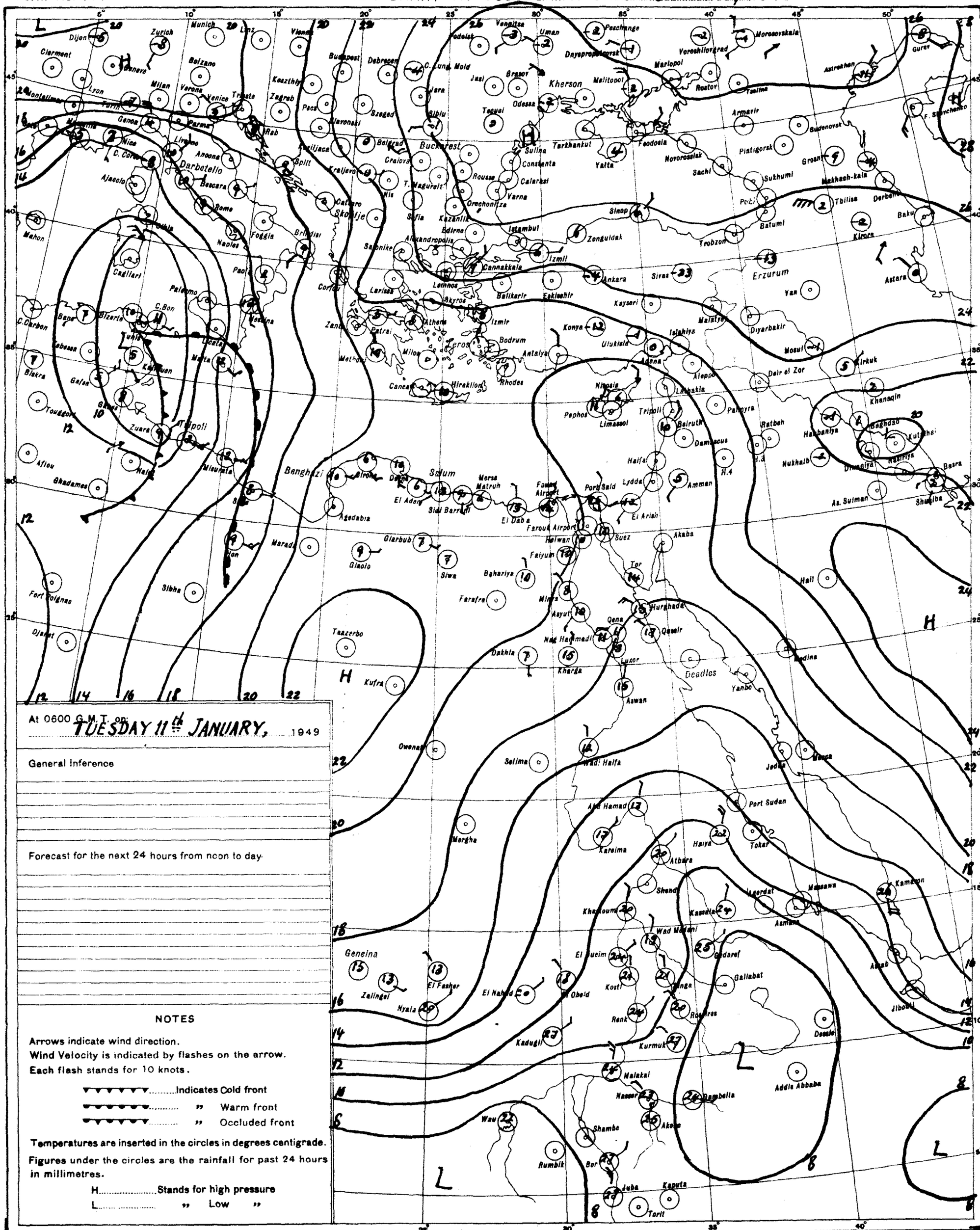
Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

F. G.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 11th JANUARY, 1949


Dijon
Zurich
Munich
Linz
Vienna
Budapest
Debrecen
Kherson
Odessa
Bucharest
Sofia
Istanbul
Ankara
Erzurum
Tbilisi
Baku
Rostov
Tuapse
Sochi
Batumi
Trabzon
Sinop
Zonguldak
Izmir
Athens
Rhodes
Antalya
Adana
Aleppo
Beirut
Damascus
Haifa
Amman
Port Said
Suez
Cairo
Alexandria
Tripoli
Benghazi
Salum
Marsa Matruh
El Daba
Farouk Airport
Helwan
Faiyum
Asyut
Luxor
Aswan
Khartoum
Port Sudan
Tokar
Massawa
Asmara
Addis Ababa
Jedda
Medina
Basra
Baghdad
Kirkuk
Mosul
Diyarbakir
Malatya
Erzurum
Kayseri
Konya
Nicosia
Limassol
Tripoli
Palermo
Naples
Rome
Marseilles
Nice
Genoa
Milan
Venice
Trieste
Zagreb
Belgrad
Sofia
Salonika
Athens
Malta
Tunis
Algiers
Oran
Bizerte
Cagliari
Mahon
Ajaccio
Geneina
Zalingei
El Fasher
Nyala
El Obeid
Kosti
Renk
Kadugli
Kurmuk
Malakal
Nasser
Rumbek
Wau
Juba
Kaputa
Torit
Addis Ababa
Dessie
Gondar
Asmara
Massawa
Port Sudan
Tokar
Haiya
Atbara
Shendi
Khartoum
Wad Medani
El Fasher
Gedaref
Gallabat
Jibouti
Kamaran
Aden
Hurghada
Qena
Luxor
Aswan
Kharga
Dakhla
Kufra
Tazerbo
Sebha
Misurata
Tripoli
Benghazi
Agedabia
Marada
Jalo
Siwa
Bahariya
Farafra
Minya
Asyut
Qena
Qoseir
Berenice
Wadi Halfa
Selima
Owenat
Merga
Fort Polignac
Djanet
Biskra
Gafsa
Tozeur
Gabes
Sfax
Kairouan
Tunis
Bizerte
Bone
C. Bon
C. Carbon
Algiers
Oran
Tangier
Gibraltar
Lisbon
Madrid
Barcelona
Marseilles
Nice
Genoa
Milan
Venice
Trieste
Zagreb
Budapest
Vienna
Munich
Zurich
Dijon
Clermont
Lyon
Montelimar
Turin
Bolzano
Verona
Parma
Livorno
Ancona
Bari
Brindisi
Foggia
Naples
Palermo
Messina
Catania
Malta
Corfu
Salonika
Larissa
Lemnos
Skyros
Chios
Mitylene
Samos
Rhodes
Crete
Heraklion
Canea
Cyprus
Nicosia
Limassol
Pephos
Latakia
Palmyra
Ratbeh
Hadhramaut
Nukhaib
Basra
Shuaiba
As Sulmaniya
Kuwait
Bahrein
Dhahran
Muscat
Aden
Berbera
Mogadishu
Kismayu
Lamu
Mombasa
Tanga
Dar es Salaam
Zanzibar
Tabora
Mwanza
Kampala
Entebbe
Nairobi
Eldoret
Kisumu
Gondar
Addis Ababa
Asmara
Massawa
Port Sudan
Tokar
Haiya
Atbara
Shendi
Khartoum
Wad Medani
El Fasher
Gedaref
Gallabat
Jibouti
Kamaran

CAIRO

Time of Sunrise 04 52 G. M. T.

" " Sunset 15 15 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date : WEDNESDAY 12th JANUARY , 1949

At 1200 on TUESDAY 11th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C
MEDITERRANEAN	62300	SALUM	40	6	7			0	—	19.6	18	60	10
	62303	SIDI BARÂNI											
	62306	MATRÛH	90	5	30	02	1	4	Cu	19.9	18	68	12
	62309	EL DABA	40	8		01	0	0	—	19.4	18	56	9
		ALEXANDRIA	40	5	50	02	2	5	Ac	19.2	18	52	8
	62318	FOUAD (Airport)	40	6	30	03	1	4	Sc	19.6	18	56	9
	62330	DAMIETTA	320	5	15	01	0	1	Cu	19.4	17	60	9
	62333	PORT SA'ID	360	6	30	01	1	1	Sc	19.3	16	68	10
	62336	EL 'ARISH	360	12	35	01	1	2	Cu	17.0	17	52	7
LOWER EGYPT	62339	DAMANHUR	40	9	15	01	1	1	Cu	19.9	18	52	8
	62342	MANSURA	40	5	35	01	1	3	Cu	19.4	20	46	8
	62348	TANTA	360	13	35	03	1	3	Cu	20.0	20	46	8
	62354	ZAGAZIG	40	2	15	00	0	0	—	19.5	19	52	9
	62441	ISMAILIA	20	5	4	01	2	4	Sc	19.1	19	46	7
CAIRO AREA	62366	FAROUK (Airport)	90	13	12	02	0	2	Sc	18.7	19	46	7
	62372	ALMAZA	10	10	15	00	0	1		18.5	19	38	4
		EZBEKIYA	40	2	35	00	0	1	Cu	18.8	20	41	6
		GIZA	40	2	35	00	0	1	Cu	18.8	19	37	4
	62378	HELWAN	360	13	35	01	0	1	Cu,Sc	18.6	18	37	3
UPPER EGYPT	62381	FAIYUM	40	2	35	01	0	0	—	17.9	19	37	4
	62387	MINYA	10	11	18	00	0	1	Ci	17.3	20	41	6
	62393	ASYUT MANQABAT	290	9	30	02	0	1	Cs	16.6	21	28	2
	62399	NAG' HAMMADI	320	2	35	01	0	1	Ac	15.2	22	36	6
	62402	QENA	240	5	50	01	1	4	Ci	14.7	23	32	5
	62405	LUXOR	340	3	30	03	1	3	Ac	14.6	23	38	8
	62414	ASWAN	360	6	50	00	0	0	—	14.3	24	15	-5
OASES	62417	SIWA	90	8	15	00	0	0	—	20.2	20	56	11
	62420	BAHARIYA	40	4	30	00	1	0	—	19.2	19	37	4
	62423	FARAFRA	40	4	30	01	0	1	Ac	18.8	20	46	8
	62432	DAKHLA	320	6	35	00	0	0	—		22	29	3
	62435	KHARGA	340	4		00	0	0	—	17.4	21	33	4
RED SEA	62450	SUEZ	360	5	35	03	0	3	Cu	17.6	18	52	8
	62459	TOR	310	18	15	00	0	0	—	15.1	19	73	14
	62462	HURGHADA	340	18		00	0	0	—	15.8	19	64	12
	62465	QUSEIR											
	62641	PORT SUDAN	70	9	30	01	1	1	Cu	15.7	25	84	22
NORTH SUDAN	62600	WADI HALFA	360	14	30	00	0	0	—	13.2	27	9	-8
	62640	ABU HAMAD	90	2	30	00	0	0	—	9.0	33	14	2
	62660	KAREIMA	50	7	30	00	0	0	—	9.2	33	15	3
	62680	'ATBARA	10	13	50	00	0	0	—	8.7	30	55	
	62721	KHARTUM											
	62730	KASSALA	20	1	30	00	0	0	—	4.4	35	35	17
CENTRAL SUDAN	62751	WAD MEDANI	50	9	35	00	0	0	—	5.5	35	22	10
	62801	RENK	130	9	50	00	0	0	—	6.3	37	16	7
	62802	ROSEIRES	360	5	35	00	0	0	—		36	22	11
	62771	EL OBEID	20	1	30	01	0	1	Ci	7.1	33	20	7
	62760	EL FASHER	50	9	30	10	1	7	Cs		32	21	7
	62770	GENEINA	50	9	30	02	2	7	Cs		34	5	
S. SUDAN	62840	MALAKAL	40	8	30	03	1	3	Ac,Ci	4.9	36	19	9
	62880	WAU	360	5	30	00	0	0	—	3.6	37	12	3
	62941	JUBA											

At 1800 on TUESDAY 11th

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms
62300	SALUM	90	10	7	03	0	4	Ac	19.1	17	68	11	0
62303	SIDI BARÂNI	110	4	35	01	0	0	—	19.9	12	88	10	0
62306	MATRUH	140	2	14	00	1	0	—	20.3	11	88	9	0
62309	EL DABA	40	10		01	0	0	—		17	60	9	0
	ALEXANDRIA	90	4	7	01	2	3	Cu,Sc	20.7	14	67	8	0
62318	FOUAD (Airport)	70	2	15	00	1	0	—	22.4	10	94	9	0
62330	DAMIETTA	90	5		01	0	0	—	20.3	11	95	11	0
62333	PORT SA'ID	60	5	12	01	0	0	—	20.2	14	82	11	0
62336	EL 'ARISH	360	6	7	00	0	0	—	18.4	14	63	7	0
62339	DAMANHUR	40	5	3	01	1	0	—	20.8	14	77	10	0
62342	MANSURA	360	5	3	00	1	0	—	20.4	13	77	9	0
62348	TANTA	00	0	35	01	0	0	—	21.5	14	77	10	0
62354	ZAGAZIG	40	2		00	0	0	—	20.6	11	82	8	0
62441	ISMAILIA	20	2	4	02	0	0	—	19.8	12	63	5	0
62366	FAROUK (Airport)	90	8	8	00	0	0	—	19.2	13	67	7	0
62372	ALMAZA	40	8	18	00	0	0	—	19.8	13	41		0
	EZBEKIYA	00	0	15	00	0	0	—	20.2	13	67	7	0
	GIZA	00	0	15	00	0	0	—	19.9	14	55	5	0
62378	HELWAN	360	6	15	00	0	0	—	19.8	13	55	4	0
62381	FAIYUM	00	0	35	02	0	0	—	19.2	13	67	7	0
62387	MINYA	360	3	12	00	0	1	Ci	18.4	11	63	4	0
62393	ASYUT MANQABAT												
62399	NAG' HAMMADI												
62402	QENA	240	5	7	01	1	3	Ci	15.9	16	49	5	0
62405	LUXOR	250	5	15	00	0	0	—	15.7	16	49	5	0
62414	ASWAN	360	4	50	00	0	0	—	15.1	20	18	-5	0
62417	SIWA	00	0	7	00	0	0	—	19.4	15	48	4	0
62420	BAHARIYA	40	3	18	00	0	0	—	20.0	12	55	3	0
62423	FARAFRA	40	3	8	02	1	4	Ac	19.0	13	55	4	0
62432	DAKHLA	00	0	35	00	0	0	—	16.0	15	48	4	0
62435	KHARGA	00	0	15	00	0	0	—	16.7	15	39	1	0
62450	SUEZ	00	0	15	01	0	0	—	18.3	13	67	7	0
62459	TOR	20	3	15	00	0	0	—	16.0	14	67	8	0
62462	HURGHADA	280	16		00	0	0	—	16.2	13	72	8	0
62465	QUSEIR	330	12	15	02	0	0	—	15.8	18	60	10	0
62641	PORT SUDAN												
62600	WADI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	'ATBARA												
62721	KHARTUM												
62730	KASSALA												
62751	WAD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID												
62760	EL FASHER												
62770	GENEINA												
62840	MALAKAL												
62880	WAU												
62941	JUBA												

At 0600 on WEDNESDAY 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	BAR. PRESSURE Diff. from normal mbs	TEMPERATURES °C Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C	RAINFALL mms Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st
62300	SALUM	140	9	7	03	2	7	Ci	18.2		13	20		9		77	9	0		
62303	SIDI BARÂNI	140	11	50	03	0	8	Ci	19.2		11	19		7		88	9	0	57	
62306	MATRUH	200	11	14	02	1	5	Cs	20.2		10	18		6		88	8	0	121	
62309	EL DABA	180	6		02	1	4	Cu	21.6		9	21		5		82	6	0	94	
	ALEXANDRIA	130	5	35	01	2	3	Ci	21.6	+2.7	12	20	+1	12		77	8	0	140	117
62318	FOUAD (Airport)	160	3	18	03	0	2	Ci	21.2		10	18		6		88	8	0	119	84
62330	DAMIETTA	160	5		12	0	1	Cu	21.2	+3.3	11	18		5		88	9	0	59	51
62333	PORT SA'ID	210	4	12	01	0	1	Sc	21.3		13	19		10		72	8	0	17	
62336	EL 'ARISH	90	18	35	02	0	0	—	20.0	+1.4	7	18	-1	4		71	2	0	32	40
62339	DAMANHUR	90	5	7	02	1	1	Ci	21.1	+1.5	11	19	-1	8	0	77	7	0	26	46
62342	MANSURA	20	2	35	00	0	0	—	21.8	+3.4	9	21	+1	7	0	88	7	0	12	21
62348	TANTA	130	2	35	02	0	0	—	22.2	+3.0	8	20	0	4	-2	88	6	0	9	17
62354	ZAGAZIG	90	2	15	00	0	0	—	22.3	+2.2	4	22	+2	3	-4	95	4	0	3	12
62441	ISMAILIA	180	2	15	02	0	0	—	21.6		10			6		76	6	0	5	
62366	FAROUK (Airport)	80	9	12	03	0	1	Ci	21.0		10	19		6		76	4	0	dr.	
62372	ALMAZA	90	1	13	03	0	1	Ci	21.0		10	19		7		65	3	0	2	
	EZBEKIYA	00	0	15	00	0	0	—	21.4	+2.1	8	21	+1	5	-3	88	6	0	6	11
	GIZA	00	0	15	00	0	0	—	21.5	+2.0	7	20	+1	4	-2	87	5	0	12	12
62378	HELWAN	50	14	15	01	0	1	Ci	20.4	+0.7	12	19	+1	10	+2	55	3	0	6	11
62381	FAIYUM	20	10	35	02	0	0	—	20.4	+1.0	9	20	-1	6	0	71	4	0	tr.	3
62387	MINYA	360	3	8	10	0	0	—	19.1		6	21		2		57		0	4	
62393	ASYUT MANQABAT	00	0	18	00	0	0	—	18.7		7	22		6		81	4	0	0	
62399	NAG' HAMMADI	00	0	35	00	0	0	—	17.8	-2.0	7	23		4		71	2	0	0	
62402	QENA	200	5	15	00	0	0	—	18.4	-0.7	11	24	+1	5	-2	63	4	0	dr.	
62405	LUXOR	00	0	30	00	0	0	—	18.8		10	25	+2	5		62	3	0	dr.	
62414	ASWAN	260	3	50	00	0	0	—	18.6	-0.5	12	25	+2	9	-1	59	4	0	dr.	
62417	SIWA	00	0	15	00	0	0	—	19.0	-1.7	8	20	+1	4	0	71	3	0	0	5
62420	BAHARIYA	00	0	30	00	0	0	—	20.4	+0.1	10	23	-2	3	-2	76	6	0	dr.	4
62423	FARAFRA	40	2	30	00	1	0	—	19.9		7	20		4		87	5	0	dr.	
62432	DAKHLA	00	0	35	00	0	1	Sc			7	24	+2	4	-1	57	-1	0	dr.	
62435	KHARGA	00	0	35	00	0	0	—	19.5	-0.1	10	22	0	5	-1	39	-7	0	0	
62450	SUEZ	00	0	15	02	0	0	—	20.2	+1.4	8	19	-1	7	-3	88	6	0	12	9
62459	TOR	40	4	15	00	0	0	—	19.8	+1.8	15	20	-1	10	+1	48	4	0	0	8
62462	HURGHADA	290	7		00	0	1	Cu	18.8	+0.6	12	20	-2	8	-2	55	3	0	dr.	
62465	QUSEIR	290	8	15	00	0	1	Cc	18.0	+0.2	16	21	-2	14	0	49	5	0	0	4
62641	PORT SUDAN	350	13	30	02	1	4	Sc,Cu,Ac	15.1		24	27		22		74	19	0	34	86
62600	WADI HALFA	20	1	30	00	0	1	Ci	17.5		11	28		8		35	-4	0	tr.	
62640	ABU HAMAD	20	2	30	00	0	1	Ci	15.4		17	34		13		22	-5	0	—	
62660	KAREIMA	70	5	30	00	0	0	—	13.8		17	34		14		32	0	0	3	1
62680	'ATBARA	360	2	10	03	0	1	Ci	14.6		18	34		15		40	4	0	7	2
62721	KHARTUM	360	9	30	00	0	0	—	12.5		19	36		17		28	0	0	10	4
62730	KASSALA	00	0	30	00	0	0	—	10.8		25	36		18		70	19	0	2	8
62751	WAD MEDANI																		11	12
62801	RENK																		0	49
62802	ROSEIRES	340	5	35	00	0	0	—	10.4		22	37		16		53	12	0	2	36
62771	EL OBEID																		0	16
62760	EL FASHER																		0	6
62770	GENEINA																		—	4
62840	MALAKAL	30	11	30	00	0	0	—	9.5		25	37		20		32	7	0	69	88
62880	WAU	00	0	30	00	0	0	—	9.9		21	38		19		57	12	0	261	143
62941	JUBA	90	2	30	03	0	2	Ac	8.6		25	39		19		61	17	0	129	144

HUMIDITY % Mean of day

STATION	on 11th	Diff. from normal
Alexandria	59	-7
Ezbekiya	72	+3
Giza	67	-6
Helwan	60	+2

GIZA GRASS MINIMUM TEMP. ON 12th -2.0 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — FAROUK A.P. AIRPORT — On 12th At 4

PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	160	11	67	90	10
950					
900					
850	1502	6	31	20	9
800					
700	3088	0		300	22
600					
500	5711	-15		310	64
400		-27			
300					

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

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

UPPER WIND OBSERVATIONS on 11th

STATION					Fouad A.P.				P. Said				Minya											
TIME					14 45				14				15											
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300					50	11			60	11			360	17										
600					40	10			40	12			10	20										
1000					20	9			40	12			40	16										
1500					30	12			20	17			10	11										
2000					330	14			340	11			320	20										
3000													320	21										
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 12th

STATION	SIDI BARÂNI		MATRUH		ROUAD AIRPORT		PORT SA'ID		EL 'ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA			
TIME	5		4 45		3		4						3								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	140	28	140	19	50	4	90	6					360	13							330	7		
600	130	21	110	23	50	4	70	7					360	12							180	2		
1000	120	18	120	16	50	5	60	14					10	12							50	10		
1500	170	13	140	10	80	7	50	12					20	11							10	17		
2000	230	7																						
3000	270	17																						
4000																								
5000																								
6000																								
7000																								
8000																								

STATION	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME	5 30		5		5		6 15		4 45		4 15		5										4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	120	39	80	16	80	4	10	10																
600	120	37	90	29	70	6	30	11																
1000	130	24	90	23	80	2	20	11	10	10	50	18	50	29									40	35
1500	180	13	90	7	320	6			10	10	330	11	20	19									50	20
2000	230	11	90	1	310	12			350	12	350	17	340	17									70	15
3000	270	26	290	21	300	12			320	19	340	24											50	15
4000			300	30					330	25													80	13
5000																								
6000																								
7000																								
8000																								

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

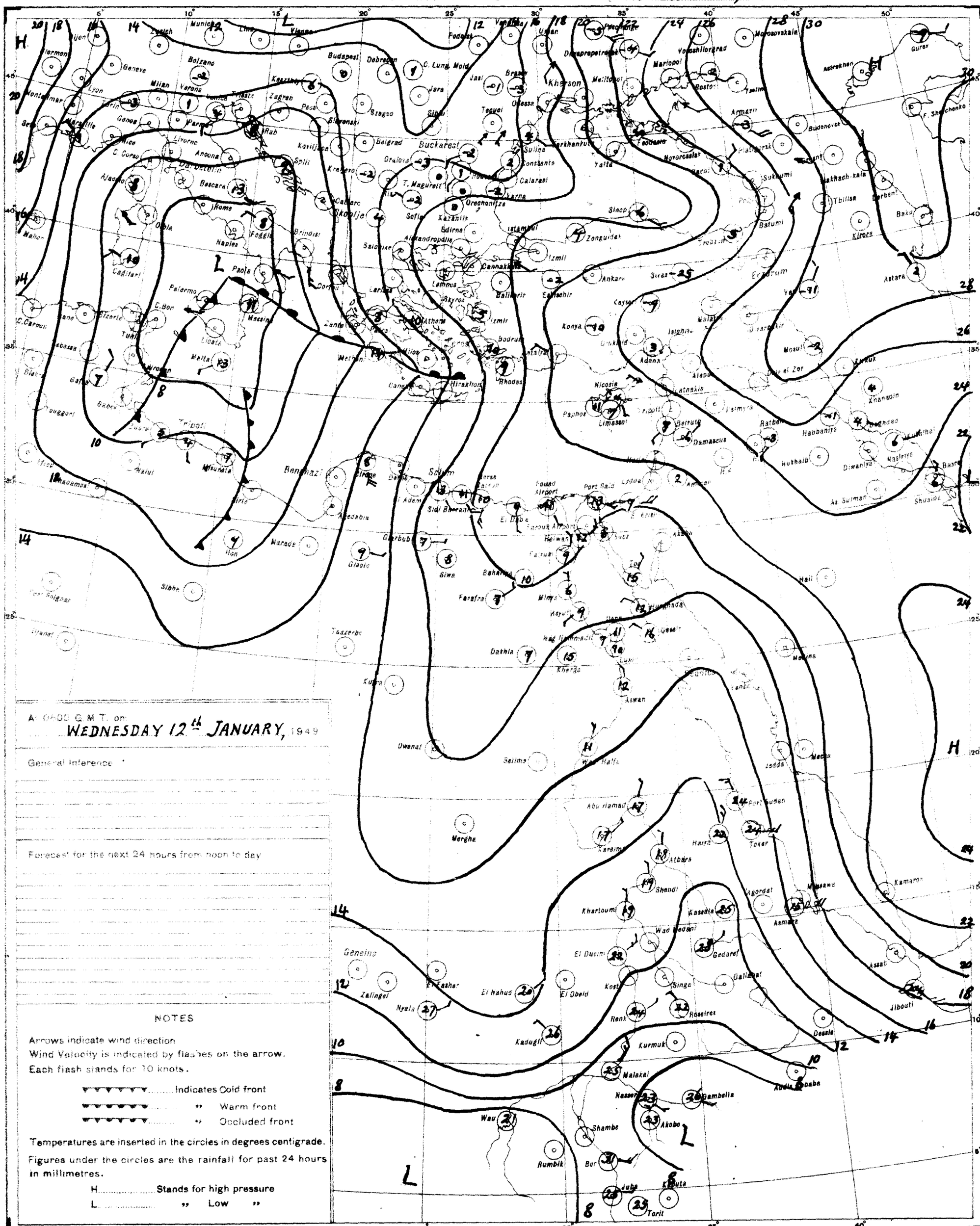
Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

F. G.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 12th JANUARY, 1949


At 0600 G.M.T. on
WEDNESDAY 12th JANUARY, 1949
General Inference
Forecast for the next 24 hours from noon to day
NOTES
Arrows indicate wind direction
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.
Indicates Cold front
" Warm front
" Occluded front
Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.
H Stands for high pressure
L " Low "
Buckarest
Khersen
Cannakkale
Port Said
Suez
Aswan
Wadi Halfa
Khartoum
Kassala
Gedaref
Asmara
Massawa
Agordat
Tokar
Atbara
Shendi
El Obeid
Kosti
Singa
Roseires
Renk
Malakal
Kurmuk
Gambella
Akobo
Nasser
Wau
Rumbik
Shambe
Bor
Juba
Torit
Kitgum
Gondar
Dessie
Jibouti
Addis Ababa
Mogadishu
Kismayu
Lamu
Mombasa
Tanga
Dar es Salaam
Zanzibar
Tabora
Mwanza
Kampala
Entebbe
Nairobi
Eldoret
Kisumu
Lake Victoria
Lake Tanganyika
Lake Rudolf
Lake Albert
Lake Edward
Lake Kivu
Lake Tana
Lake Nyasa
Lake Mweru
Lake Bangweulu
Lake Kariba
Lake Ngami
Lake Chad
Lake Tchad
Lake Victoria

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

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

Form No 7 F.

DAILY WEATHER REPORT

Date: THURSDAY 13th JANUARY, 1949

Area	Index Number	Station	At 1200 on WEDNESDAY 12th: Wind Direction	Wind Velocity in Knots	Visibility 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 12th: Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past 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	140	16	7	02	2	7	Ac.	16.6	18	52	08	220	04	7	03	2	8	Ci	13.3	14	52	04	0
	62303	SIDI BARANI	140	14	50	02	2	8	Ci	16.0	19	43	06	90	12	35	03	2	8	Ac	12.7	17	42	04	0
	62306	MATRUH	180	15	30	02	1	5	Ci,Cs	17.8	19	37	04	160	11	12	03	2	8	As	16.3	15	59	07	0
	62309	EL DABA	340	11				3	Cu		19	46	07	40	9		01	1	2			18	46	06	0
		ALEXANDRIA	90	09		02	2	3	Ci	17.9	20	43	07	130	10	7	03	2	7	Ac.	19.4	13	67	07	0
	62316	FOUAD (Airport)	110	07	18	03	1	3	Ci	18.5	19	46	07	110	07	14	00	1	0	-	17.6	14	67	08	0
	62330	DAMIETTA	110	05	15	03	1	4	Ac.	19.5	19	60	11	90	05		01	0	0	-	19.2	14	77	10	0
	62333	PORT SA'ID	100	10	30	02	0	1	Ci	19.8	17	56	08	100	17	15	01	1	3	Ci.Cu	19.3	14	67	08	0
	62336	EL 'ARISH	130	00	35	02	0	0	-	19.8	18	52	08	130	12	7	02	2	0	-		9	67	03	0
LOWER EGYPT	62339	DAMANHUR	90	09	15	02	1	1	Ci		18	52	08	180	09	3	03	1	4	Ci	19.0	13	67	07	0
	62342	MANSURA	140	05	35	01	1	4	Ac.	19.4	21	50	10	140	05	3	00	1	0	-	18.8	11	88	09	0
	62348	TANTA	90	13	35	03	1	3	Cu	20.2	19	52	09	130	02	35	01	1	2	Cu	19.5	13	67	07	0
	62354	ZAGAZIG	140	05	15	02	0	6	Cu	19.1	18	67	07	140	02	15	00	0	0	-	18.1	13	67	07	0
	62441	ISMA'ILIA	90	05	35	03	1	6	As.	19.1	19	37	04	140	02	15	02	0	0	-	18.8	13	55	04	0
CENTRAL AREA	62366	FAROUK (Airport)	70	17	30	03	1	4	Ci	17.7	20		02	00	00	10	00	0	0	-	17.8	13		01	0
	62372	ALMAZA	80	18	30	01	0	4	Ci	17.6	20		-01	80	18	30	01								
		EZBEKIYA	120	02	35	00	0	2	Ci	17.4	21	26	01	140	01	15	00	0	0	-	17.1	14	36	-01	0
		GIZA	120	02	35	00	0	2	Cu	17.5	21	26	01	140	01	15	00	0	0	-	17.2	15	30	-03	0
	62378	HELWAN	60	11	50	03	1	6	Ci	16.8	21	14	-08	60	13	35	02	0	2	Ci	16.7	16	24	-05	0
UPPER EGYPT	62381	FAIYUM	20	02	35	02	0	0	-	16.6	22	29	03	00	00	35	03	1	3	Ci	16.7	14	48	03	0
	62387	MINYA	140	02	18	00	0	2	Ci	16.6	22	29	03	00	00	8	01	0	0	-	16.8	11	54	02	0
	62393	ASYUT MANQABAD	00	00	30	02	0	1	Ci	16.0	22	36	06	220	02	7	00	0	0	-	17.5	12	77	08	0
	62399	NAG' HAMMADI	00	00	35	00	0	0	-	15.2	24	32	06	00	00	35	00	0	0	-	15.6	12	82	08	0
	62402	QENA	130	02	50	00	0	0	-	16.6	24	36	08	290	05	7	00	0	0	-	17.0	13	77	09	0
	62405	LUXOR	340	04	30	03	1	1	Ci		22	50	11	00	00	15	00	1	0	-	16.8	15	55	06	0
	62414	ASWAN	360	05	02	00	0	0	-	15.4	25	12	-07	00	00	50	00	0	0	-	16.4	20	38	-05	0
OASES	62417	SIWA	110	10	15	00	0	0	-	16.3	20	56	11	00	00	7	00	0	0	-	15.0	17	34	01	0
	62420	BAHARIYA	90	02		01	1	2	As	17.5	21	26	01	140	03	18	02	1	6	Ac.	16.4	14	36	-01	0
	62423	FARAFRA												40	06	8	02	1	6	Ac.	17.5	15	30	-03	0
	62432	DAKHLA	40	06	50	00	0	0	-	14.6	23	24	01	00	00	35	00	0	2	St,Cu	16.3	12			0
	62435	KHARGA	00	00	35	00	0	0	-		23	24	01	00	00	15	00	0	0	-	15.9	16	32	-01	0
RED SEA	62450	SUEZ	40	05	35	03	0	3	As.	17.5	20	33	03	00	00	15	01	0	0	-	17.5	13	44	01	0
	62459	TOR	310	02	15	00	0	0	-	18.0	20	61	13	130	03	15	00	0	0	-	17.9	12	63	05	0
	62462	HURGHADA	360	04		01	0	0	-	18.1	18	68	12	170	05	50	00	0	0	-	18.4	13	72	08	0
	62465	QUSEIR	360	12	15	02	0	0	-	17.9	20	64	13	310	12	15	02	0	0	-	17.9	17	68	11	0
	62641	PORT SUDAN	30	13	30	08	3	7	Sc.	13.6	25	79	21												
NORTH SUDAN	62600	WADI HALFA	20	07	30	02	0	1	Ci	14.8	26	9	-10												
	62640	ABU HAMAD	70	05	30	00	0	0	-	10.2	31	24	08												
	62660	KAREIMA	70	06	30	00	0	0	-	10.1	32	18	05												
	62680	ATBARA	360	05	10	00	0	0	-	9.3	33	19	06												
	62721	KHARTUM	50	13	30	00	0	0	-	7.2	35	13	03												
	62730	KASSALA	50	09	30	00	0	0	-	5.8	35		15												
CENTRAL SUDAN	62751	WAD MEDANI																							
	62801	RENK	50	09	50	00	0	0	-	7.4	32	43	18												
	62802	ROSEIRES	360	05	35	00	0	0	-	8.7	37	20	11												
	62771	EL OBEID	60	13	30	00	0	0	-	6.6	33	16	04												
	62760	EL FASHER	50	09	30	00	0	1	Ci		33	20	07												
	62770	GENEINA	70	07	30	01	0	1	Ci		34	05	-12												
S. SUDAN	62840	MALAKAL	50	13	30	00	0	0	-	4.8	37	13	04												
	62880	WAU	50	05	30	00	0	0	-	3.7	38	26	11												
	62941	JUBA	360	09	10	02	0	2	Cu	2.1	37	27	15												

Station	At 0600 on THURSDAY 13th: Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Temperatures °C: Dry Bulb	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew Point °C	Rainfall mms: Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	250	16	7	01	2	6	Fs.Fc			16	18				64	09	0		
SIDI BARANI	200	11	35	01	2	7	Ac	15.6		15	19		11		88	13	0	157	
MATRUH	160	08	10	02	1	8	Ac			11	20		11		63	4	0	121	
EL DABA	140	11	25	03	2	6	Cu	14.7		8	22		8		71	3	0	94	
ALEXANDRIA	130	9	35	03	2	6	Ci	13.4	-5.4	11	20	+1	10	0	77	7	0	140	118
FOUAD (Airport)	140	5	18	03	1	4	Sc.	13.0		11	19		10		63	4	0	119	
DAMIETTA	110	9		03	1	6	Cu	15.1	-2.8	14	19		8		77	10	0	59	52
PORT SA'ID	140	10	10	02	2	7	Ac.Cu	16.3		13	18		13?		72	8	0	17	
EL 'ARISH	00	0	15	03	1	6	Ci	15.8	-2.7	10	19	0	5		50	00	0	32	41
DAMANHUR	130	17	7	01	1	0	-	14.7	-3.9	10	19	-1	8	0	76	6	0	26	47
MANSURA	90	02	35	01	1	3	Ac.	15.1	-3.3	10	21	+1	8	+1	76	6	0	12	21
TANTA																	0	9	17
ZAGAZIG	90	2	5	00	0	0	-	15.8	-3.3	10	23?	+3	4	-3	62	3	0	3	12
ISMA'ILIA	160	2	7	03	2	8	As.	15.8		13	20		10		67	7	0	4	
FAROUK (Airport)	80	04	7	00	0	0	-	15.2		13	20		11			-3	0	4	
ALMAZA	150	08	13	00	2	2	Ci	15.2	-4.1	14			10				0	2	
EZBEKIYA	130	01	15	00	0	1	Ci	15.0	-4.3	10	22	+2	8	0	62	3	0	6	11
GIZA	130	01	15	00	0	1	Ci	15.1	-4.4	12	22	+3	5	-1	59	4	0	12	12
HELWAN	120	04	7	00	0	1	Ci	15.5	-4.1	14	22	+4	11	+3	36	-1	0	6	11
FAIYUM	360	02	35	02	1	3	Ci	15.1	-4.3	12	23	+2	8	+2	55	3	0	5	3
MINYA	190	05	10	10	0	6	Ci	16.3		8	24		5	-	71	3	0	4	
ASYUT MANQABAD	00	00	18	00	0	4	Ci,Cs	16.7		11	24		5		67	5	0	0	3
NAG' HAMMADI	00	00	6	00	0	0	-	17.1	-2.6	7	24		5		71	2	0	0	
QENA	90	05	15	02	0	2	Ci	18.7	-0.4	11	24	+1	7	0	63	4	0	4	
LUXOR	00	00	30	02	1	2	Ci	18.0		14	23		5		52	4	0	4	
ASWAN	360	03	50	00	0	0	-	17.8	-1.3	14	26	+3	10	0	59	6	0	4	
SIWA	00	00	15	00	0	0	-			10	23	+4	7	+3	62	3	0	0	5
BAHARIYA	00	00	35	02	1	6	Ac.	15.0	-5.3	9	22	+3	7	+2	63	2	0	4	4
FARAFRA	220	03	30	03	2	7	As			11	20		3		41	-2	0	4	
DAKHLA	00	00	35	00	0	4	Ci	16.0	-4.5	11	25	+4	6	+1	41	-2	0	4	
KHARGA	00	00	35	00	0	3	Ci	17.8	-1.8	12	24	+2	6	0	44	0	0	0	
SUEZ	00	00	15	00	0	4	As	15.8	-3.0	16	22	+2	8	-2	49	5	0	12	9
TOR	40	05		00	0	2		17.8	-0.2	15			15	+6	59	7	0	0	8
HURGHADA	160	04		03	0	6	Cu,Ci	18.1		13	21				57	7	0	4	3
QUSEIR	290	08	15	00	0	2	Cs.Ci	17.8	0.0	16	21	-1	13	-1	68	10	0	0	4
PORT SUDAN																	0	34	86
WADI HALFA																	0	2	
ABU HAMAD	00	00	30	00	0	0	-	10.8		17	35		10		39	3	0		
KAREIMA	20	03	30	00	0	0	-				34		14			5	0	3	1
ATBARA	360	02	10	00	0	0	-	12.9		21	34		17		65	14	0	7	2
KHARTUM	360	05	30	00	0	0	-	12.8		20	36		18		53	10	0	10	4
KASSALA	50	09	30	00	0	0	-	10.3		24	36		18			18	0	2	8
WAD MEDANI	50	09	50	00	0	0	-	11.1		22	37		14		69	16	0	11	12
RENK																	0	0	49
ROSEIRES	310	05	50	00	0	0	-	9.6		19	39		16		56	10	0	2	36
EL OBEID	350	06	30	02	0	2	Ci	12.8		20	35		15		86	00	0	0	16
EL FASHER	340	05	30	00	0	0	-			11	34		9		47	00	0	0	6
GENEINA	170	03	30	00	0	0	-			15	36		12		32	-02	0	-	4
MALAKAL	20	07	30	03	1	3	Ac.	11.2		22	38		18		41	08	0	69	88
WAU	00	00	30	00	0	0	-	10.2		21	38		18		53	11	0	261	144
JUBA	00	00	30	00	0	0	-	7.3		37	38		18		27	15	0	129	144

HUMIDITY

Mean of day

STATION	on 13th	Diff. from normal
Alexandria	73	+7
Ezbekiya	56	-12
Giza	51	-22
Helwan	34	-24

GIZA GRASS MINIMUM TEMP. ON 12th -0.8 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

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

Remarks

RAWINSONDE — On ... At ... AIRPORT

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

UPPER WIND OBSERVATIONS on 12th

Height m.	MATRUH Dir.	Vel.	FOUAD A.P. Dir.	Vel.	PORT SAID Dir.	Vel.	MINYA Dir.	Vel.
300	140	24	40	10	90	17	300	3
600	140	16	50	11	80	18	300	3
1000	130	14	60	13	60	13	290	3
1500	170	19	50	12	110	17	290	3
2000	230	16			340	05		
3000	250	9						
4000								
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 13th

Station	SIDI BARANI	MATRUH	FOUAD AIRPORT	PORT SA'ID	EL 'ARISH	HELWAN	MINYA	ASYUT MANQABAD	LUXOR	ASWAN	HURGHADA
Time	5		3	4		7 15	3			5	10
Height m.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.	Dir. Vel.
300	250 27		240 13			140 13	170 12			10 4	
600	270 30		220 12	140 13		180 30	180 20			100 16	130 10
1000	280 31		220 16	180 9		180 26	180 23			100 15	140 9
1500	240 32		210 11	220 16		210 30	210 28			110 9	230 15
2000	230 36			240 14		230 26				140 3	230 13
3000				280 17		240 26				330 11	240 12
4000											
5000											
6000											
7000											
8000											

Station	SIWA	BAHARIYA	DAKHLA	KHARGA	WADI HALFA	ABU HAMAD	KAREIMA	KHARTUM	KASSALA	EL OBEID	EL FASHER	MALAKAL
Time	5	6	5	5	4 30		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 32	190 27	150 14	180 5	00 00		60 14					
600	300 38	200 44	180 11	180 11	80 02		80 19					
1000	290 40	200 36	200 19	200 14	110 08		70 19				300 10	
1500	250 36	210 56	230 25	220 14	110 03		50 11				70 9	
2000	240 34	210 44	240 25	240 8	360 8		50 9				70 8	
3000	260 39		230 20				30 13				60 7	
4000							360 5				20 11	
5000												
6000												
7000												
8000												

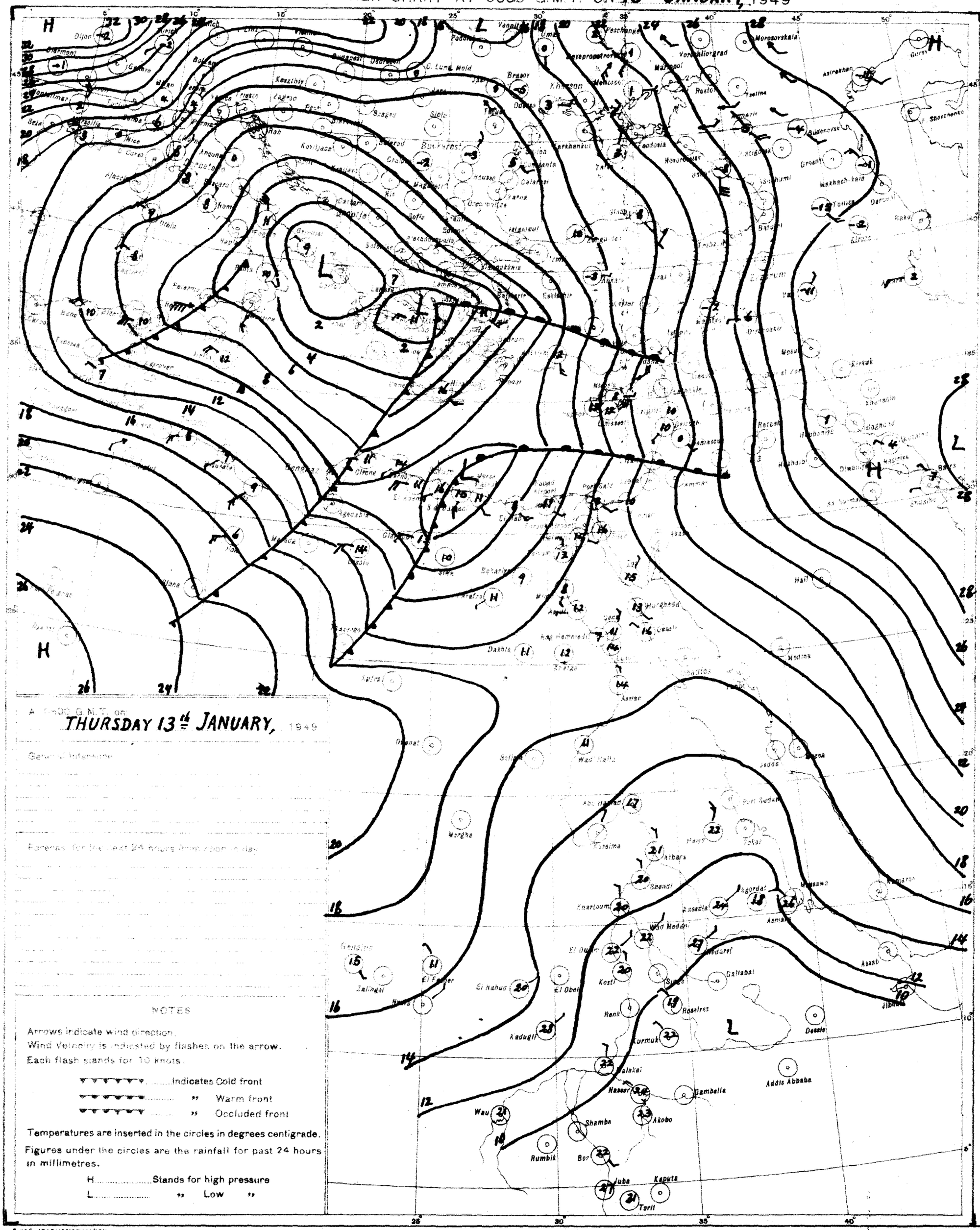
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 13th JANUARY, 1949


H
L
Dijon
Clermont
Genève
Bolzano
Budapest
Debrecen
Vienna
Kaszhiy
Lagenc
Brasov
Odessa
Kherson
Rostov
Voroshilovgrad
Dnepropetrovsk
Feschenko
Morozovskaia
Astrakhan
Gurev
Sevchenko
Bucharest
Constanta
Sofia
Salonica
Athens
Ankara
Eskisehir
Tarkhankut
Sevastopol
Yalta
Novorossiysk
Tbilisi
Batumi
Erzerum
Van
Mosul
Kirkuk
Baghdad
Damascus
Beirut
Haifa
Tripoli
Benghazi
Tobruk
Alexandria
Cairo
Aswan
Khartoum
Port Sudan
Asmara
Addis Abbaba
Dessie
Gamballa
Akobo
Juba
Kaputa
Torit
Rumbik
Wau
Shambe
Bor
Malakal
Kurmuk
Roseires
Kosti
Sennar
Wad Medani
Gedaref
Kassala
Atbara
Shendi
Tokar
Port Sudan
Asmara
Massawa
Agordat
Gondar
Dessie
Jibouti
Asaxb
Kadugli
El Nahud
El Obeid
El Fasher
Zalingei
Geneina
Nasser
Waw Halfa
Wadi Halfa
Sollum
Marsa Matruh
Dakhla
Kufra
Siwa
Sidi Barrani
Benghazi
Tripoli
Gabes
Sfax
Tunis
Algiers
Oran
Tangier
Casablanca
Agadir
Dakar
Bathurst
Freetown
Monrovia
Accra
Lagos
Kano
Maiduguri
Fort Lamy
Abéché
Bangui
Libreville
Port Gentil
Stanleyville
Elisabethville
Leopoldville
Luanda
Lobito
Beira
Lourenço Marques
Tananarive
Mahe
Diego Suarez
Mombasa
Nairobi
Kisumu
Dar es Salaam
Tabora
Mwanza
Tanga
Zanzibar
Lindi
Mtwara
Kilwa Kivinje
Tete
Blantyre
Salisbury
Bulawayo
Wankie
Francistown
Windhoek
Keetmanshoop
Walvis Bay
Upington
Kimberley
Bloemfontein
Cape Town
Port Elizabeth
East London
Durban
Pietermaritzburg
Bulawayo
Salisbury
Lusaka
Ndola
Kitwe
Mongu
Livingstone
Bechuanaland
Gaborone
Mafeking
Vryburg
Kimberley
Upington
Keetmanshoop
Windhoek
Walvis Bay
Swakopmund
Luderitz
Bloemfontein
Cape Town
Port Elizabeth
East London
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Pietermaritzburg
Lourenço Marques
Beira
Tananarive
Mahe
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Tanga
Zanzibar
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Mtwara
Kilwa Kivinje
Tete
Blantyre
Salisbury
Bulawayo
Wankie
Francistown
Windhoek
Keetmanshoop
Walvis Bay
Upington
Kimberley

GMRO

Time of Sunrise 04 52 G.M.T.

" " Sunset 15 16 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: FRIDAY 14th JANUARY, 1949

At 1200 on THURSDAY 13th

Area	Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount	Cloud Form	Bar. Pressure mb. M.S.L.	Temperature °C	Humidity %	Dew Point °C	Rain Past 24 hrs. mms
Delta	Alexandria	270	15	7	01	2	2	Ac		21	33	4	290
Delta	Tanta	290	18	50	01	0	1	Cu	9.5	18	73	13	290
Delta	Mansura	350	25	5	07	2	4	Ac	8.7	20	60	12	60
Delta	Zagazig	270	23		01	1	6	Cu	8.3	19	35	8	270
Delta	Ismailia	220	16	7	06	2	8	Fs,Fc	8.0	19	37	4	310
Delta	Port Said	180	12	5	06	2	6	Ac	7.0	20	35	4	270
Delta	Damietta	110	5	7	03	2	8	St	7.2	19	73	14	250
Delta	Port Sudan	190	8		06	2	8	Ac,Cs	11.1	21	50	10	270
				35	00	0	4	Ci	13.3	23	34	6	230
Delta	Damanhur	230	22	15	07	3	7	Ac,Ci	8.2	21	33	4	290
Delta	Mansura	140	5	15	03	2	8	Sc,Cu	10.2	22	44	9	270
Delta	Tanta	180	18	15	03	2	8	Cb	11.0	21	41	7	90
Delta	Zagazig	220	2	13	06	3	6	Ci	10.8	24	26	3	220
Delta	Ismailia	180	12	7	02	2	8	As	10.7	21	50	10	220
Delta	Fareed (Airport)	140	25	2	03	3	5	Sc,Ac,Ci	8.7	25	28	5	280
Delta	Kalioub	180	20	1.7	02	3	5	Ac	9.1	25	17	-2	250
Delta	Cairo	220	5	3	07	3	8	Ac	9.9	24	21	0	220
Delta	Helwan	220	5	3	07	3	8	Ac	10.2	24	19	-1	220
Delta	Giza	180	11	7	30	3	8	Ac,Ci	10.3	24	21	0	270
Delta	Fayum	180	8	35	03	2	7	St	10.7	25	28	5	00
Delta	Minya	180	14	10	01	1	2	Ci	11.9	25	30	6	360
Delta	Asyut	120	5	30	02	1	6	Ac,Ci	11.4	25	28	5	
Delta	Bir Hammad	90	2	35	00	0	0	—	14.0	26	30	7	00
Delta	Qena	110	9	35	02	1	4	Ci	14.6	22	44	9	90
Delta	Luxor	320	2	30	03	1	5	Cs	14.4	24	44	11	00
Delta	Aswan	290	2	50	00	0	0	—	13.9	27	28	7	00
Oasis	Siwa	270	19	15	00	0	0	—	10.7	22	53	12	00
Oasis	Bahariya	270	6	30	02	1	6	Ac	11.4	27	09	-8	360
Oasis	Farafra	310	2	8	02	1	4	Ac		27	42	4	
Oasis	Dakhla	40	10	50	00	0	0	—		27	15	-2	270
Oasis	Kharga	00	0	35	00	0	0	—	15.4	26	28	6	00
Red Sea	Suez	220	8	35	09	3	5	Ac	10.7	21	50	10	180
Red Sea	Tor	180	9	15	03	1	4	Ac	14.4	23	61	15	
Red Sea	Hurghada	110	7		01	2	5	Ac,Ci	14.7	21	65	14	00
Red Sea	Quseir	90	8	15	03	1	6	Cs	14.3	21	65	14	180
Red Sea	Port Sudan	30	13	30	01	5	6	Cu,Ac	13.6	25	72	19	
S. Sudan	Wad Halfa	340	5	30	00	0	0	—	13.3	28	16	0	
S. Sudan	Abu Hamad	50	2	30	00	0	0	—	10.3	31	29	11	
S. Sudan	Kareima	50	4	30	00	0			9.8	33	23	9	
S. Sudan	Atbara	360	5	10	00	0	0	—	8.8	33	23	9	
S. Sudan	Khartum	20	10	30	00	0	0	—	7.2	34	25	11	
S. Sudan	Kassala	90	5	30	00	0	0	—	5.0	35			
Central Sudan	Wad Medani	20	13	35	00	0	0	—	5.3	37	13	4	
Central Sudan	Renk	50	5	35	00	0	0	—	8.4	35	42		
Central Sudan	Roseires	340	5	35	00	0	0	—	8.2	36	22	11	
Central Sudan	El Obeid	50	12	30	00	0	0	—	6.8	33	28	9	
Central Sudan	El Fasher	50	5	30	00	0	0	—		33	7	-7	
Central Sudan	Geneina	110	4	30	01	0	1	Ci		35	5	-11	
S. Sudan	Malakal	40	7	30	03	1	3	Ac	5.9	36	15	6	
S. Sudan	Wau	60	12	10	00	0	0	—	4.6	37	13	4	
S. Sudan	Juba												

At 1800 on THURSDAY 13th

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount	Cloud Form	Bar. Pressure mb. M.S.L.	Temperature °C	Humidity %	Dew Point °C	Rain Past 24 hrs. mms
Alexandria	270	15	7	02	0	0	—	15.4	10	21	7	88
Tanta	220	12	50	03	0	1	Cu	16.0	10	19	8	88
Mansura	270	10	12	03	0	2	Cu	15.4	10	20	9	82
Zagazig	90	6		01	0	0	—	16.4	14	22	8	77
Ismailia	220	21	35	01	5	6	Cb	16.2	-2.6	15	22 +3	10 0 77
Port Said	250	6	12	25	8	5	Cu,Sc	15.8		12	20	11 88
Damietta	200	5		12	0	0	—	15.9	-2.0	11	20	7 88
Port Sudan	260	11	6	05	0	1	Sc	15.6		13	22	11 77
El Arish	270	6	35	01	0	0	—	16.2	-2.3	16		10 +3 68
Damanhur	270	9	15	02	1	1	Cu	17.1	+1.5	11	22 +2	9 +1 88
Mansura	220	5	35	00	0	0	—	16.2	-2.1	10	23 +3	8 +1 95
Tanta	40	2	35	02	0	0	—	17.6	-4.6	10	22 +2	7 +1 88
Zagazig	220	2	15	00	0	0	—	17.0	-2.1	9	26 +6	7 0 88
Ismailia	270	2	15	00	0	0	—	18.3		13	23	11 77
Fareed (Airport)	240	4	7	02	0	0	—	11.8		11	25	9 35
Kalioub	180	7	18	00	0	0	—	16.8	-2.5	13	25	11 63
Cairo	130	1	15	00	0	0	—	17.4	-1.9	12	24 +4	10 +2 63
Helwan	130	1	15	00	0	0	—	17.2	-2.3	13	24 +5	9 +4 55
Giza	00	0	15	02	0	1	Ac	17.8	-1.8	12	25 +7	10 +2 63
Fayum	00	0	15	01	0	0	—	18.2	-1.2	11	25 +4	8 +2 51
Minya	00	0	8	10	0	0	—	17.5	-2.5	8	26 +6	6 0 46
Asyut	00	0	18	00	0	0	—	17.4		12	28	8 +2 47
Bir Hammad	00	0	6	00	0	0	—	18.2	-1.5	9	27	6 71
Qena	270	2	15	00	0	0	—	17.6	-1.5	12	23 0	12 +5 63
Luxor	180	3	30	00	0	0	—	15.9	-3.3	12	25	8 +3 51
Aswan	340	2	50	00	0	0	—	15.9	-3.1	15	29 +6	12 -2 68
Siwa	00	0	15	00	0	0	—	18.0	-2.7	10	22 +3	7 +3 76
Bahariya	00	0	18	00	0	0	—	18.0	-2.3	10	28 +8	7 +2 76
Farafra	40	2	18	00	0	0	—	18.7		13		1 67
Dakhla	270	3	35	00	0	0	—	18.1	-2.4	12	28 +7	7 +2 65
Kharga	00	0		00	0	0	—	18.0	-1.6	18	26	10 +4 19
Suez	00	0	15	00	0	0	—	15.9	-2.8	11	22 +2	9 0 88
Tor	20	6	35	00	1	0	—	15.0	-3.0	17	24 +3	12 +3 52
Hurghada	310	7		00	0	1	Ac	15.2		14	23 +1	12 67
Quseir	330	9	15	01	1	3	Ac	14.4	-3.4	15	24 +1	13 -1 88
Port Sudan	330	9	30	03	2	8	Sc,Ac	14.4			27	19 44
Wadi Halfa	260	4	30	01	0	1	Ci	16.1		14	29	11 36
Abu Hamad	00	0	30	03	1	7	Ci	15.9		20	33	15 43
Kareima	00	0	30	00	0	5	Cs	14.4		17	34	15 49
Atbara	50	5	30	02	1	7	Cs	13.5		19	34	16 73
Khartum	20	5	30	01	1	2	Ci	12.5		21	35	17 65
Kassala	00	0	30	00	0	1	Ci	10.4		23	36	17 78
Wad Medani	50	5	50	00	0	0	—	11.5		30	38	17 38
Renk	50	5	50	00	0	0	—	11.9		23	38	17 47
Roseires	310	5	35	00	0	0	—	10.2		20	38	17 84
El Obeid	20	6	30	00	0	0	—	12.2		21	35	16 28
El Fasher	360	5	30	00	1	3	Ci			14	34	23
Geneina	70	6	30	00	0	2	Cs			17	36	12 72
Malakal	80	6	30	00	0	0	—	10.8		27	37	16 28
Wau	00	0	30	00	0	2	Ac	10.3		27	38	21 32
Juba	00	0	30	01	0	1	Ac	9.1		27	39	19 48

At 0600 on FRIDAY 14th

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount	Cloud Form	Bar. Pressure mb. M.S.L.	Temperatures °C Dry Bulb	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew Point °C	Rainfall mms Past 24 hrs.	Since 1st Oct.	Normal from 1st Oct.
Alexandria	270	15	7	02	0	0	—	15.4	10	21		7		88	8	0		
Tanta	220	12	50	03	0	1	Cu	16.0	10	19		8		88	8	0	137	
Mansura	270	10	12	03	0	2	Cu	15.4	10	20		9		82	7	0	121	
Zagazig	90	6		01	0	0	—	16.4	14	22		8		77	10	0	94	
Ismailia	220	21	35	01	5	6	Cb	16.2	-2.6	15	22 +3	10	0	77	11	1	141	120
Port Said	250	6	12	25	8	5	Cu,Sc	15.8		12	20	11		88	10	0.3	120	87
Damietta	200	5		12	0	0	—	15.9	-2.0	11	20	7	-	88	9	0	59	53
Port Sudan	260	11	6	05	0	1	Sc	15.6		13	22	11		77	9	0	17	
El Arish	270	6	35	01	0	0	—	16.2	-2.3	16		10	+3	68	10	0	32	41
Damanhur	270	9	15	02	1	1	Cu	17.1	+1.5	11	22 +2	9	+1	88	9	0	26	48
Mansura	220	5	35	00	0	0	—	16.2	-2.1	10	23 +3	8	+1	95	10	0	12	22
Tanta	40	2	35	02	0	0	—	17.6	-4.6	10	22 +2	7	+1	88	8	0	9	18
Zagazig	220	2	15	00	0	0	—	17.0	-2.1	9	26 +6	7	0	88	7	0	3	12
Ismailia	270	2	15	00	0	0	—	18.3		13	23	11		77	9	0	5	
Fareed (Airport)	240	4	7	02	0	0	—	11.8		11	25	9		35	4	0	0.1	
Kalioub	180	7	18	00	0	0	—	16.8	-2.5	13	25	11		63	6	0	2	
Cairo	130	1	15	00	0	0	—	17.4	-1.9	12	24 +4	10	+2	63	5	0	6	11
Helwan	130	1	15	00	0	0	—	17.2	-2.3	13	24 +5	9	+4	55	4	0	12	12
Giza	00	0	15	02	0	1	Ac	17.8	-1.8	12	25 +7	10	+2	63	5	0	6	12
Fayum	00	0	15	01	0	0	—	18.2	-1.2	11	25 +4	8	+2	51	1	0	4	3
Minya	00	0	8	10	0	0	—	17.5	-2.5	8	26 +6	6	0	46	-3	0	4	
Asyut	00	0	18	00	0	0	—	17.4		12	28	8	+2	47	1	0	0	
Bir Hammad	00	0	6	00	0	0	—	18.2	-1.5	9	27	6		71	4	0	0	
Qena	270	2	15	00	0	0	—	17.6	-1.5	12	23	0	12	+5	63	5	0	dr.
Luxor	180	3	30	00	0	0	—	15.9	-3.3	12	25		8	+3	51	2	0	dr.
Aswan	340	2	50	00	0	0	—	15.9	-3.1	15	29 +6	12	-2	68	9	0	dr.	
Siwa	00	0	15	00	0	0	—	18.0	-2.7	10	22 +3	7	+3	76	6	0	0	5
Bahariya	00	0	18	00	0	0	—	18.0	-2.3	10	28 +8	7	+2	76	6	0	dr.	5
Farafra	40	2	18	00	0	0	—	18.7		13		1		67	7	0	dr.	
Dakhla	270	3	35	00	0	0	—	18.1	-2.4	12	28 +7	7	+2	65	3	0	dr.	
Kharga	00	0		00	0	0	—	18.0	-1.6	18	26	10	+4	19	-5	0	0	
Suez	00	0	15	00	0	0	—	15.9	-2.8	11	22 +2	9	0	88	9	0	12	9
Tor	20	6	35	00	1	0	—	15.0	-3.0	17	24 +3	12	+3	52	7	0	0	8
Hurghada	310	7		00	0	1	Ac	15.2		14	23 +1	12		67	8	0	dr.	
Quseir	330	9	15	01	1	3	Ac	14.4	-3.4	15	24 +1	13	-1	88	9	0	0	4
Port Sudan	330	9	30	03	2	8	Sc,Ac	14.4			27	19		44	19	dr.	34	87
Wadi Halfa	260	4	30	01	0	1	Ci	16.1		14	29	11		36	-1	0	4	
Abu Hamad	00	0	30	03	1	7	Ci	15.9		20	33	15		43	7	0	—	
Kareima	00	0	30	00	0	5	Cs	14.4		17	34	15		49	6	0	3	1
Atbara	50	5	30	02	1	7	Cs	13.5		19	34	16		73	14	0	7	2
Khartum	20	5	30	01	1	2	Ci	12.5		21	35	17		65	14	0	10	4
Kassala	00	0	30	00	0	1	Ci	10.4		23	36	17		78	19	0	2	8
Wad Medani	50	5	50	00	0	0	—	11.5		30	38	17		38	14	0	11	12
Renk	50	5	50	00	0	0	—	11.9		23	38	17		47	11	0	0	49
Roseires	310	5	35	00	0	0	—	10.2		20	38	17		84	13	0	2	36
El Obeid	20	6	30	00	0	0	—	12.2		21	35	16		28	2	0	0	16
El Fasher	360	5	30	00	1	3	Ci			14	34			23	-7	0	0	6
Geneina	70	6	30	00	0	2	Cs			17	36	12		72	-12	0	—	4
Malakal	80	6	30	00	0	0	—	10.8		27	37	16		28	7	0	69	88
Wau	00	0	30	00	0	2	Ac	10.3		27	38	21		32	14	0	261	144
Juba	00	0	30	01	0	1	Ac	9.1		27	39	19		48	15	0	129	144

UPPER AIR OBSERVATIONS

RAWINSONDE

Humidity — Mean of day

Station	On 13th	At
Alexandria	33	-33
Ezbekiya	81	-37
Giza	33	-40
Helwan	19	-39

Acceptance Ascent

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

Remarks

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

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

GIZA GRASS MINIMUM TEMP. On 14th 2.2 °C

UPPER WIND OBSERVATIONS on 13th

Station	Malruh		Fouad		P. Said		Minya		Almaza	
Time	14		14 45		14		15		12 30	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	310	44	260	27	117	33	180	22	200	18
600	310	68	290	40			210	21	200	18
1000	300	68	280	35			230	22	220	28
1500			270	43			250	16	220	28
2000							220	16		
3000										
4000										
5000										
6000										
7000										
8000										

UPPER WIND OBSERVATIONS on 14th

Station	Sidi Baran		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		Almaza	
Time	5		5		3		4						3								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	270	20	270	23	220	14	260	10					360	12							330	22	230	6
600	290	21	280	23	210	25	260	8					30	12							310	23	290	10
1000	280	22	350	20	240	18	280	6					320	10							340	11	270	8
1500	200	22	350	21	240	23	320	3					340	15							340	11	300	7
2000													290										290	10
3000																							290	19
4000																							280	11
5000																								
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	5		5		8		6						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	290	19	320	10	350	16	10	14																
600	320	18	320	10	360	16	10	21																
1000	290	15	320	16	360	17	360	15					80	25							30	10		
1500	270	14	330	16	310	18	280	12													50	18		
2000	280	15	290	16	270								30	12							70	10		
3000	280												310	9							70	9		
4000																					50	3		
5000																								
6000																								
7000																								
8000																								

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

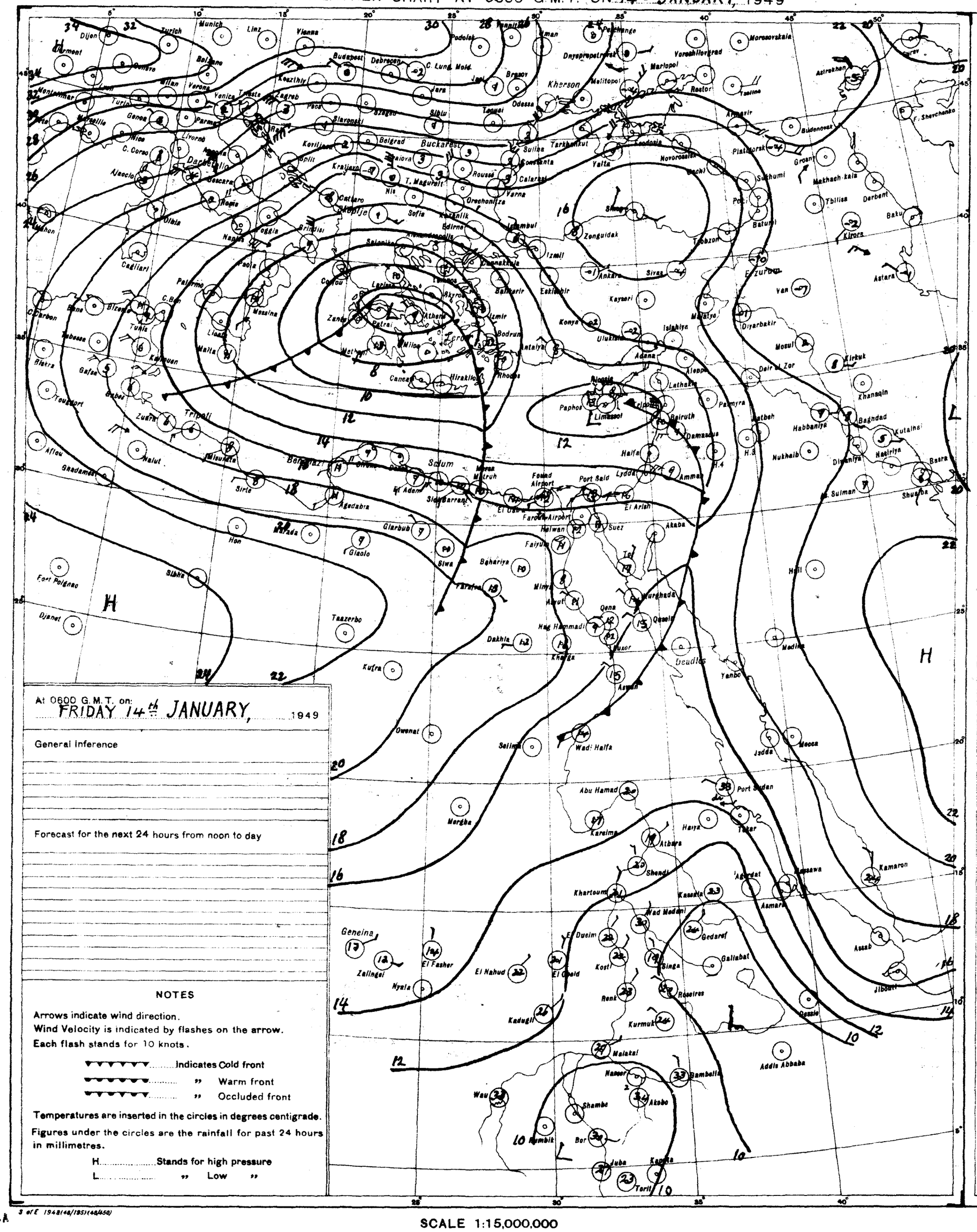
Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

F.C.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 14th JANUARY, 1949



At 0600 G.M.T. on: FRIDAY 14th JANUARY, 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

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

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

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

H Stands for high pressure
L " Low "

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

AH.
F.11.A

3 of E 1948(48/195)(48/450)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 52 G.M.T.
" " Sunset 15 17 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: SATURDAY 15th JANUARY, 1949

At 1200 on FRIDAY 14th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM											
	62303	SIDI BARANI	250	9		03	0	3	Cu	13.9	18	46	6
	62306	MATRUH	350	13	18	00	0	0	—	14.0	17	72	12
	62309	EL DABA											
		ALEXANDRIA	310	9	50	01	2	3	Cu,Sc	14.2	18	56	9
	62318	FOUAD (Airport)	270	10	30	01	1	1	Cu	14.3	19	52	9
	62330	DAMIETTA	220	5	15	03	2	5	Cu	13.8	19	52	9
	62333	PORT SA'ID	320		12	02	0	1	Sc	14.2	20	60	12
	62336	EL 'ARISH	310	24	35	03	0	2	Cu	14.4	19	64	12
Lower Egypt	62339	DAMANHUR	270	13	15	03	2	4	Cu	15.2	18	52	8
	62342	MANSURA	270	5	35	01	1	4	Cu	14.3	21	50	10
	62348	TANTA	220	16	35	03	1	3	Cu	15.4	21	41	7
	62354	ZAGAZIG	270	2	15	00	0	0	—	14.0	20	56	11
	62441	ISMAILIA	220	5	35	01	0	3	Sc	14.3	21	41	7
Cairo Area	62366	FAROUK (Airport)	240	5	8	00	0	1	Cu	14.2	20	56	11
	62372	ALMAZA	300	5	30	00	0	2	Cu	14.5	19	45	7
		EZBEKIYA	290	1	35	03	0	1	Cu	14.6	21	41	7
		GIZA	290	1	35	03	0	1	Cu	14.7	22	41	8
	62378	HELWAN	00	0	50	02	0	1	Cu	14.6	19	46	7
Upper Egypt	62381	FAIYUM	00	0	35	03	0	1	Sc	15.4	20	41	6
	62387	MINYA	190	2	12	00	0	0	—	15.3	21	35	5
	62393	ASYUT MANQABAD	320	5	30	00	0	0	—	14.2	20	35	4
	62399	NAG' HAMMADI	250	1	35	00	0	0	—	13.5	23	38	8
	62402	QENA	240	5	50	00	0	0	—	15.4	20	46	8
	62405	LUXOR	20	1	30	01	1	1	Cs	12.9	24	34	7
	62414	ASWAN	340	6	50	03	1	4	Ci	12.4	24	18	-2
Oases	62417	SIWA	270	10	15	00	0	0	—	17.5	19	52	9
	62420	BAHARIYA	310	4	30	00	0	0	—	16.0	20	33	3
	62423	FARAFRA											
	62432	DAKHLA	360	3	50	00	0	0	—	15.8	21	26	1
	62435	KHARGA	00	0	35	00	0	0	—	15.5	20	18	2
Red Sea	62450	SUEZ	00	0	35	03	0	1	Cu	13.4	21	50	10
	62459	TOR	310	10	15	00	1	0	—	14.3	21	57	12
	62462	HURGHADA	120	11		01	0	0	—	13.3	20	53	10
	62465	QUSEIR	360	19	15	01	0	1	Ci	13.6	22	50	11
	62641	PORT SUDAN	70	9	30	01	1	3	Cu,Ci	10.3	27	79	23
North Sudan	62600	WADI HALFA	20	2	30	02	0	2	Ci	10.4	28	14	-2
	62640	ABU HAMAD	20	9	30	01	1	1	Ci	8.2	32	26	10
	62660	KAREIMA	10	6	30	00	0	0	—	8.7	32	22	7
	62680	ATBARA	20	5	14	00	0	0	9	6.4	33	23	9
	62721	KHARTUM	50	9	30	03	0	1	Cc	6.5	34	20	8
	62730	KASSALA	00	0	30	00	0	0	—	3.5	36	31	16
Central Sudan	62751	WAD MEDANI											
	62801	RENK											
	62802	ROSEIRES	360	5	35	00	0	0	—	5.5	38	22	13
	62771	EL OBEID											
	62760	EL FASHER	90	5	30	00	1	4	Ci		33	11	-1
	62770	GENEINA											
S. Sudan	62840	MALAKAL	50	9	30	00	0	0	—	4.6	37	13	4
	62880	WAU											
	62941	JUBA	110	9	30	03	1	4	Cu,Ci	2.7	39	21	12

At 1800 on FRIDAY 14th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM												
SIDI BARANI	200	8	25	03	1	6	Ac	12.8	12	63	5	0
MATRUH	250	7	12	02	0	3	Sc	13.6	12	77	8	0
EL DABA												
ALEXANDRIA	310	6	7	02	2	3	Ac	14.2	16	59	8	0
FOUAD (Airport)	300	6	18	00	0	0	—	13.6	14	67	8	0
DAMIETTA	270	5		01	0	2	Cu	14.3	14	88	12	0
PORT SA'ID	320	4	12	01	0	0	—	14.7	15	88	13	0
EL 'ARISH	180	18	7	00	1	0	—		14	77	10	0
DAMANHUR	310	5	3	01	1	0	—	15.0	12	88	10	0
MANSURA	320	5	3	00	1	0	—	14.7	15	68	9	0
TANTA	220	2	35	01	1	0	—	15.6	13	67	7	0
ZAGAZIG	180	2	15	00	0	0	—	15.7	13	77	9	0
ISMAILIA	290	2	15	02	0	0	—	14.7	15	68	9	0
FAROUK (Airport)	280	3	14	00	0	0	—	14.8	14	67	8	0
ALMAZA	180	1	13	00	0	0	—	14.8	14	54	4	0
EZBEKIYA	00	0	15	00	0	0	—	15.1	13	67	7	0
GIZA	00	0	15	00	0	0	—	15.2	12	67	6	0
HELWAN	00	0	35	02	0	0	—	14.7	16	42	3	0
FAIYUM	00	0	35	01	0	0	—	14.6	14	67	8	0
MINYA	00	0	10	00	0	0	—	14.9	13	67	7	0
ASYUT MANQABAD												
NAG' HAMMADI	35	00	0	0	—	13.1	13	67	7	0		
QENA												
LUXOR	12	00	0	0	—	13.8	16	49	5	0		
ASWAN	50	00	0	0	—	13.0	20	26	0	0		
SIWA	7	00	0	0	—	16.4	14	52	4	0		
BAHARIYA	18	00	0	0	—		14	42	1	0		
FARAFRA	8	00	0	0	—	16.6	14	48	3	0		
DAKHLA	35	00	0	0	—	14.2	11	41	-2	0		
KHARGA	15	00	0	0	—	15.9	15	35	1	0		
SUEZ	15	01	0	0	—	13.6	14	77	10	0		
TOR	15	00	0	0	—	12.8	17	60	9	0		
HURGHADA	50	00	0	0	—	14.0	16	42	3	0		
QUSEIR	360	9	15	02	0	0	—	13.5	19	64	12	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on SATURDAY 15th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temp. Dry Bulb	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st
SALUM																			
SIDI BARANI	200	12	35	01	0	0	—	8.7		8	18		6		58	0	0	187	
MATRUH	270	15	15	03	0	3	Sc	6.8		8	19		7		76	4	0	121	
EL DABA																		94	
ALEXANDRIA	220	10	50	03	2	6	Ac	10.7	-8.1	13	19	0	11	+1	67	7	0	141	121
FOUAD (Airport)	250	6	18	03	1	6	Sc,Ac	10.8		12	19		10		77	8	0	120	88
DAMIETTA	180	5		12	1	5	Cu	11.4		10	21		6		95	10	0	59	54
PORT SA'ID	210	11	8	05	2	7	Ac	12.1		13	20		12		72	9	0	17	41
EL 'ARISH	180	18	15	03	0	5	Cu	10.6	-7.8	10	22	+3	7	0	95	10	0	32	42
DAMANHUR	260	9	7	03	1	6	Cu	11.9	-6.7	9	22	+2	8	0	88	7	0	26	49
MANSURA	270	2	35	01	1	3	Ac	11.6	-6.7	9	22	+2	7	0	88	7	0	12	22
TANTA	220	5	35	02	1	3	Cu	13.0	-6.2	9	22	+2	5	-1	71	4	0	9	18
ZAGAZIG	220	2	15	00	0	0	—	12.2	-6.9	8	23	+3	7	0	76	4	0	3	12
ISMAILIA	200	2	7	00	1	5	As	12.4		10	22		8		76	6	0	5	
FAROUK (Airport)	240	4	7	02	0	2	Ac	11.8		11	20		9		63	4	0	tr.	
ALMAZA	170	9	15	02	1	2	Ac	11.8		12	21		7		56	4	0	2	
EZBEKIYA	180	1	15	00	0	0	—	12.0	-7.2	11	22	+2	9	+1	68	4	0	6	11
GIZA	180	1	15	00	0	0	—	12.8	-6.6	12	23	+4	5	0	69	4	0	12	12
HELWAN	70	5	15	02	0	2	Ci	12.4	-7.2	10	21	+3	8	0	62	3	0	6	12
FAIYUM	00	0	15	00	1	3	Sc	13.0	-6.4	9	22	+1	7	+1	71	4	0	tr.	3
MINYA	00	0	3	10	0	4	Ac	13.4		8	22		4	-2	58	0	0	4	
ASYUT MANQABAD	00	0	18	00	0	3	Ac	13.3		11	21		7		63	4	0	0	
NAG' HAMMADI	00	0	6	00	0	0	—	14.3	-5.4	9	24		4		62	2	0	0	
QENA	360	2	15	00	0	0	—	13.9	-5.2	10			6	-1	50	0	0	dr.	
LUXOR	00	0	30	00	0	0	—	13.2		8	25		4		58	0	0	dr.	
ASWAN	00	0	50	00	0	0	—	12.7	-6.3	13	26	+3	10	0	44	1	0	dr.	
SIWA	00	0	7	00	0	0	—	13.3	-7.4	8	19	-1	2	-2	53	0	0	0	5
BAHARIYA																		dr.	5
FARAFRA	220	2	18	01	1	2	Ac	14.8		7	20		2		57	-1	0	dr.	
DAKHLA	320	3	35	00	0	1	Fs,Fc	14.7	+4.7	6	22	+1	5	0	57	-2	0	dr.	
KHARGA	00	0	10	00	0	0	—	14.8	-4.8	10	22	0	5	-1	62	3	0	0	
SUEZ	00	0	15	00	0	2	Sc,Cu	11.2	-6.5	8	23	+3	7	-2	88	6	0	12	9
TOR	20	9	16	00	0	7	Ci	12.7	-5.3	15	21	0	10	+1	48	4	0	0	8
HURGHADA	250	6		00	0	0	—	12.3		11	20		8		63	4	0	dr.	
QUSEIR	310	9	15	02	0	0	—	12.3	-5.5	16	23	0	14	0	49	5	0	0	4
PORT SUDAN	350	5	30	01	1	8	Cu,Ci	11.4		24	28		21		74	19	0	34	87
WADI HALFA	90	1	10	02	0	0	—	12.0		11	28					3	0	tr.	
ABU HAMAD	00	0	30	00	0	1	—	11.0		18	33		13		30	0	0	—	
KAREIMA	60	4	30	00	0	0	—	11.2		17	33		13		49	6	0	3	1
ATBARA	360	2	10	02	0	2	Cs	11.1		20	34		16		53	10	0	7	2
KHARTUM	20	5	30	00	0	0	—	9.9		21	27		18		38	6	0	10	4
KASSALA	00	0	30	00	0	0	—	9.5		23	37		15		61	15	0	2	8
WAD MEDANI	50	5	50	00	0	0	—	10.0		21	36		14		94		0	11	12
RENK	360		50	00	0	0	—	11.0		23	36		17		47	11	0	0	49
ROSEIRES																		2	36
EL OBEID	360	4	30	00	0	0	—	10.8		21			16		28	2	0	0	16
EL FASHER			30	10	1	6	Ci				34					-5	0	0	6
GENEINA	70	1	30	01	1	3	—			13	35		11		29	-5	0	—	4
MALAKAL																		69	88
WAU	00	0	30	00	0	0	—	8.3		23	38		19		61	15	0	261	144
JUBA	70	2	30	01	0	1	Ac	7.9		25	30		18		58	16	0	129	144

HUMIDITY %

Mean of day

STATION	on 14th	Diff. from normal
Alexandria	69	+3
Ezbekiya	58	-10
Giza	56	-17
Helwan	48	-10

GIZA

GRASS MINIMUM TEMP. ON 15th -1.0 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — Farouk A.P. AIRPORT — On 15th At 5

Pressure mbs	Height above M.S.L. Metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	95	10	58	180	5
950					
900					
850	1432	3	65	240	13
800					
700	2990	-2		240	39
600					
500	5604	-14		260	85
400		-26			
300					

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

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

UPPER WIND OBSERVATIONS on 14th

Station			Matruh						P. Said				Almaza				Minya					
Time			14						14				12 30				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			360	8					300	8			300	7			350	12				
600			350	6					260	14			300	7			350	12				
1000			360	7					260	16			300	4			350	14				
1500									260	15			280	7			360	19				
2000									270	15			280	10			10	21				
3000													270	14								
4000																						
5000																						
6000																						
7000																						
8000																						

UPPER WIND OBSERVATIONS on 15th

Station	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SA'ID		EL 'ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA		
Time			5		3						7		3						5		9		
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300			40	12	260	13					170	9	300	3					360	1	340	10	
600			280	22	260	13					230	6	320	4					40	11	340	3	
1000			260	22	260	16					260	9	290	3					90	1	220	6	
1500			230	34	260	22					220	16	250	11							240	19	
2000					250	25					230	31									240	27	
3000											240	34											
4000																							
5000																							
6000																							
7000																							
8000																							

Station	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
Time	5				5		6 15		5				4		4 30								4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	300	27			320	8	20	6	60	5			10	16										
600	310	30			330	7	10	8	90	8			60	24	30	19							30	11
1000	290	21			290	7	80	5	80	3			40	13									50	11
1500	250	25			250	16			310	10					30	15							70	9
2000	260	35			260	19							300	9	220	5							90	6
3000	240	42							250	17			240	9										
4000									320	20			240	15	360	5								
5000																								
6000																								
7000																								
8000																								

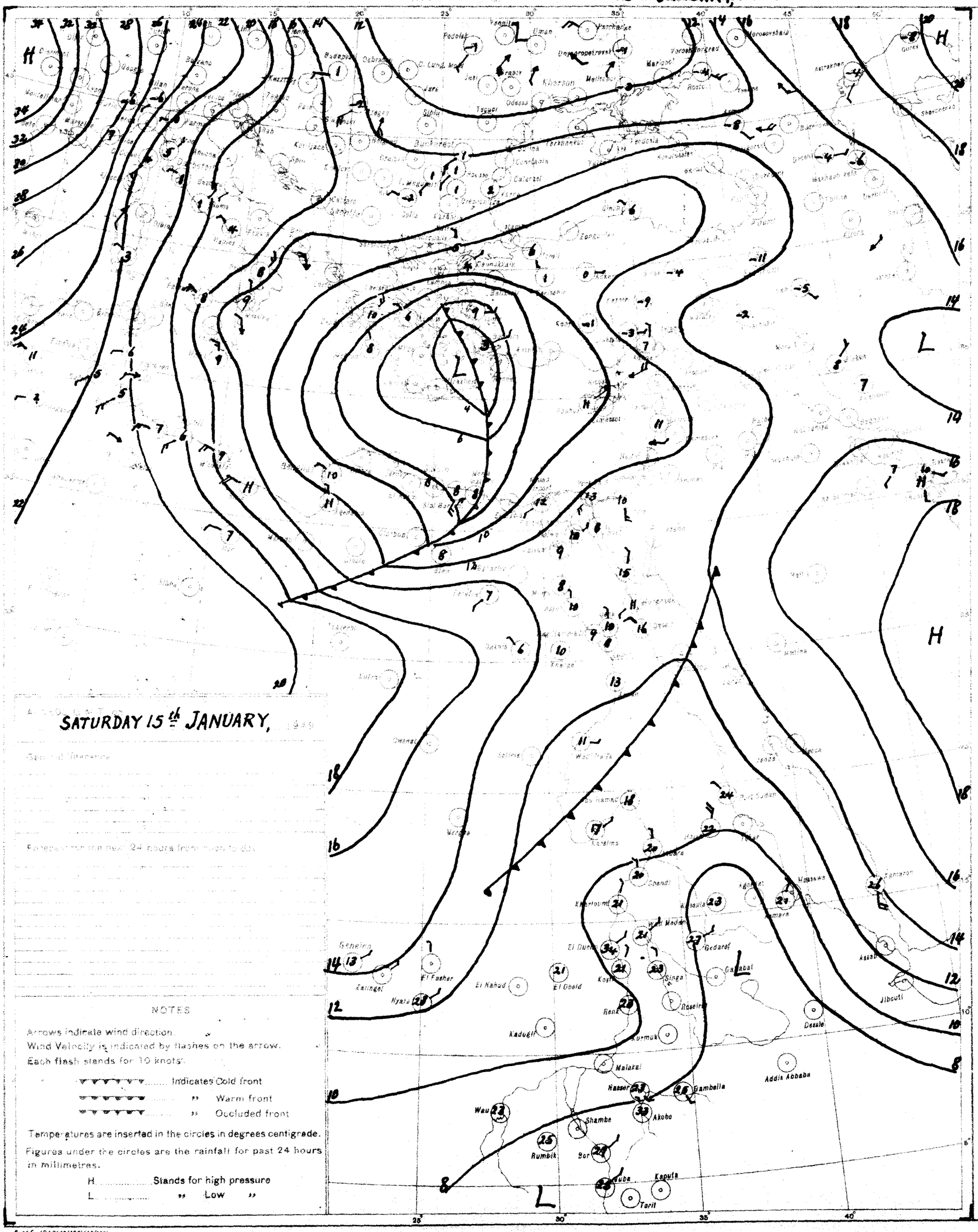
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

F.G

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 15th JANUARY, 1949


Podolsk
Ufa
Yuzhnoye
Uralsk
Orenburg
Kherson
Odessa
Tiraspol
Kishinev
Bucharest
Constantza
Sofia
Salonika
Athens
Ankara
Istanbul
Tbilisi
Baku
Tashkent
Alma Ata
Frunze
Stalinabad
Kabul
Peshawar
Karachi
Quetta
Jacobabad
Lahore
Jodhpur
Ahmedabad
Bombay
Poona
Hyderabad
Madras
Bangalore
Colombo
Trivandrum
Calcutta
Dacca
Rangoon
Akyab
Bangkok
Saigon
Hanoi
Kunming
Chungking
Lanchow
Sian
Hankow
Nanking
Shanghai
Tientsin
Peking
Mukden
Harbin
Tokyo
Osaka
Fukuoka
Taipei
Manila
Hong Kong
Canton
Kuala Lumpur
Singapore
Medan
Batavia
Bandung
Surabaya
Port Darwin
Cairo
Khartoum
Port Sudan
Asmara
Addis Ababa
Jibouti
Dessie
Gambella
Akobo
Malakal
Kosti
Wau
Rumbik
Shambe
Bor
Juba
Kapoeta
Torit
Kadugli
Renk
Roseires
Singa
Gedaref
Galabat
Kassala
Omdurman
Wad Medani
El Obeid
El Fasher
El Nahud
Geneina
Zalingei
Kyala
Kurmuk
Nasser
Tarim
Aden
Mogadishu
Kismayu
Lamu
Mombasa
Tanga
Dar es Salaam
Zanzibar
Lourenço Marques
Beira
Tete
Salisbury
Bulawayo
Pretoria
Johannesburg
Durban
Port Elizabeth
Cape Town
Windhoek
Walvis Bay
Luanda
Lobito
Elisabethville
Ndola
Lusaka
Tananarive
Tamatave
Diego Suarez
Mauritius
Seychelles
Aden
Muscat
Bahrein
Basra
Baghdad
Tehran
Kabul

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

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

Form No 7 F.

DAILY WEATHER REPORT

Date: Sunday 16th January, 1949

At 1200 on Saturday 15th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
MEDITERRANEAN	62300	SALÛM	220	15	3	07	3	3	Ac	4.3	16	49	05
	62303	SÎDI BARÂNI	250	12	35	03	1	4	Cu,Sc		15	48	04
	62306	MATRÛH	280	29		34	4		–	6.3	16	45	04
	62309	EL DABA	320	15		15	3	0	–		17	39	03
		ALEXANDRIA	220	15	50	01	2	3	Cu,Sc	7.5	16	49	05
	62318	FOUAD (Airport)	250	12	15	03	1	4	Cu,Sc	7.4	17	42	04
	62330	DAMIETTA	220	9	15	01	1	4	Cu	7.9	17	60	09
	62333	PORT SAÎD	240	14	30	02	1	5	Sc	7.8	18	52	08
	62336	EL 'ARISH	280	18	35	01	1	3		7.6	18	46	06
LOWER EGYPT	62339	DAMANHUR	270	13	15	02	1	6	Cb,Cu	8.2	18	52	08
	62342	MANSURA	180	13	35	03	2	6	Cu,Sc	8.0	19	46	07
	62348	TANTA	270	8	35	03	1	4	Cu	9.3	19	37	04
	62354	ZAGAZIG	220	5	15	02	0	6	Cu	8.2	18	52	08
	62441	ISMAÎLÎA	200	8	16	01	2	5	Sc		19	37	03
CAIRO AREA	62366	FAROUK (Airport)	200	17	16	03	2	7	Cb,Cu	8.4	13	46	06
	62372	ALMÂZA	230	18	30	02	1	5	Sc	8.3	19	32	02
		EZBEKÎYA	220	2	35	02	0	5	Sc	8.7	18	46	06
		GÎZA	220	2	35	02	0	5	Sc	9.4	19	43	06
	62378	HELWÂN	240	16	35	03	1	4	Sc	8.6	18	37	03
UPPER EGYPT	62381	FAIYÛM	220	2	35	03	2	6	St,Fs	9.0	19	37	04
	62387	MINYA	220	8	18	02	1	1	Ci	9.7	20	33	03
	62393	ASYÛT MANQABAD	00	0	30	01	1	6	Ac	9.8	16	52	06
	62399	NAG' HAMMÂDI	00	6	35	00	0	0	–	9.4	22	44	09
	62402	QENA	270	5	50	02	0	3	Ci	9.9	20	41	06
	62405	LUXOR	360	3	30	00	0	0	–	9.2	21	53	11
	62414	ASWÂN	340	5	50	00	0	0	–	8.6	24	19	-1
OASES	62417	SÎWA	270	12	15	00	0	0	–	11.5	17	60	09
	62420	BAHARÎYA	270	1	18	00	1	0	–	10.4	20	21	-1
	62423	FARAFRA	240	9	18	00	0	0	–	10.2	20	41	06
	62432	DAKHLA	220	3	35	00	1	3	Fs,Fc,Ac	9.3	20	19	03
	62435	KHARGA	04	0	35	00	0	0	–	11.2	22	36	06
RED SEA	62450	SUEZ	00	0	35	03	0	5	Cu	7.2	18	46	06
	62459	TÛR	310	6	15	02	1	7	Ci	8.2	20	73	15
	62462	HURGHÂDA	30	3	30	03	1	6	Ac,Ci	9.8	20	46	08
	62465	QUSEIR	360	5	15	03	1	3	Ci	9.8	21	57	12
	62641	PORT SÛDÂN	120	9	30	01	1	3	Cu	7.5	27	79	23
NORTH SÛDÂN	62600	WÂDI HALFA	20	4	10	05	0	0	–	7.2	27	16	-1
	62640	ABU HAMAD	200	2	30	00	0	0	–	5.3	32	26	10
	62660	KAREIMA	130	1	30	00	0	0	–	5.9	33	14	02
	62680	'ATBARA	340	2	30	00	0	0	–	5.0	32	24	09
	62721	KHARTÛM	50	5	30	00	0	0	–	4.8	35	18	07
	62730	KASSALA	00	0	30	00	0	0	–	1.9	37	27	15
CENTRAL SÛDÂN	62751	WÂD MEDANI	310	5	35	00	0	0	–	3.2	36	15	06
	62801	RENK	50	5	50	00	0	0	–		35		
	62802	ROSEIRES	340	5	35	00	0	0	–		37	20	11
	62771	EL OBEID	70	3	30	00	0	0	–	2.7	35	13	03
	62760	EL FÂSHER	160	5	30	01	1	4	Ci,Cc		33	14	02
	62770	GENEINA	180	2				4	Ci		34		
S. SÛDÂN	62840	MALAKÂL	30	7	30	03	0	1	Cu,Sc	2.3	38	15	07
	62880	WÂU	130	3	30	00	0	0	–	5.5	35	23	11
	62941	JUBA	50	5	18	03	0	1	Cu		39	21	15

At 1800 on Saturday 15th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms.
SALÛM	270	10	7	13	5	6	Fs,Fc,Ac	5.5	13	77	09	Dr.
SÎDI BARÂNI	250	8	35	94	6	8	Ac	5.8	10	95	10	8
MATRÛH	270	18	8	30	3	5	Sc	5.2	13	77	09	0
EL DABA	320	17		05	3	0	–	4.6	16	86	01	0
ALEXANDRIA	220	19	3	03	2	4	Ac	6.7	14	36	-1	0
FOUAD (Airport)	270	12	12	01	0	1	Sc	7.4	14	52	04	0
DAMIETTA	180	5		03	1	5	Cu,Ac	7.0	11	63	04	0
PORT SAÎD	220	10	12	02	0	1	Sc	7.5	15	59	07	0
EL 'ARISH	220	12	7	02	0	0	–	6.6	15	68	09	0
DAMANHUR	310	13	7	02	1	4	Cu,Sc	7.8	12	55	03	0
MANSURA	220	5	3	03	2	6	Cu,Sc	7.6	10	52	07	0
TANTA	270	2	35	01	1	0	–	9.3	12	59	05	0
ZAGAZIG	270	2	15	00	0	0	–	8.6	13	55	04	0
ISMAÎLÎA	260	2	14	01	0	6	Sc	8.6	10	88	08	0
FAROUK (Airport)	260	6	12	01	1	2	Sc	9.0	15	48	04	0
ALMÂZA	210	12	12	01	1	3	Sc	8.1	14	36	-1	0
EZBEKÎYA	00	0	15	01	0	3	Sc	8.6	14	48	03	0
GÎZA	00	0	15	01	0	3	Sc	9.5	12	51	02	0
HELWÂN	200	2	35	02	1	4	Sc	8.7	13	55	04	0
FAIYÛM	240	2	35	01	0	0	–	8.7	13	55	04	0
MINYA	200	4	12	00	0	0	–	9.9	12	44	00	0
ASYÛT MANQABAD	00	0	35	00	0	0	–	9.5	11	88	09	0
NAG' HAMMÂDI	270	5	7	00	1	0	–	10.0	16	49	05	0
QENA	360	4	50	00	0	0	–	9.0	20	35	04	0
LUXOR												
ASWÂN												
SÎWA	220	10	7	00	0	0	–	10.2	13	55	04	0
BAHARÎYA	310	1	18	00	0	0	–	9.8	10	58	02	0
FARAFRA	310	4	8	00	0	0	–	11.8	12	63	05	0
DAKHLA	320	6	35	02	1	4	Fs,Fc,Ac	10.7	15	48	04	0
KHARGA												
SUEZ	00	0	50	01	0	3	Cu	8.3	15	42	02	0
TÛR	20	3	15	02	1	7	Ci	9.3	18	32	01	0
HURGHÂDA	180	5	17	01	2	0	–	9.2	14	72	09	0
QUSEIR	160	5	15	03	1	7	Cs,Cu	8.7	19	73	14	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Sunday 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.	Bar. Pressure Diff. from normal mbs.	Temp. Dry Bulb	Temp. Maximum Yesterday	Temp. Maximum Diff. from normal	Temp. Minimum Today	Temp. Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	220	15	7	01	0	2	Ac	5.6		9	18		5		71	04	0		
SÎDI BARÂNI	220	22	30	01	6	6	Sc,Ac	5.3		8	16		6		88	06	29	186	
MATRÛH	280	28	14	02	1	2	Cb,Cu	5.3		8	16		7		76	04	0	121	
EL DABA	270	31		05	3	0	–	4.0		12	20		7		55	03	0	94	
ALEXANDRIA	220	10	50	03	2	3	Cb,Cu	5.2	-13.5	10	17	-2	9	-1	76	6	0	141	122
FOUAD (Airport)	240	17	14	01	2	2	Sc	5.0		10	18		8		76	06	0	120	89
DAMIETTA	180	9		01	0	1	Cu	5.9	-12.0	8	19		4		71	03	0	59	55
PORT SAÎD	230	27	8	02	0	1	Ci	6.1		10	20		9		62	03	0	17	
EL 'ARISH	270	38	35	02	0	0	–			11			9	+2	33	-5	0	32	43
DAMANHUR	270	30	7	02	0	0	–			9	19	-1	8	0	71	04	0	26	50
MANSURA	220	9	35	00	1	0	–	6.3	-12.0	9	20	0	7	0	62	02	0	12	23
TANTA	220	13	35	02	0	0	–	7.8	-11.3	9	19	-1	6	0	71	04	0	9	18
ZAGAZIG	220	2	15	00	0	0	–	8.0	-11.0	8	21	+1	6	0	76	04	0	3	12
ISMAÎLÎA	220	12	7	03	1	4	Ac	8.6		10	20		9		50	00	0	5	
FAROUK (Airport)	200	25	8	01	0	1	Sc	8.0		9	19		5		58	01	0	Dr.	
ALMÂZA	190	18	12	00	0	1	Sc	8.6	-10.6	8	19		7		46	-3	0	2	
EZBEKÎYA	220	2	15	00	0	1	Sc	9.4	-9.8	8	20	0	7	-1	58	00	0	6	12
GÎZA	220	2	15	00	0	1	Sc	10.0	-9.4	9	20	+1	6	+1	50	-1	0	12	13
HELWÂN	160	14	7	01	2	5	Cb,Ac	9.9	-9.7	8	18	0	6	-2	46	-3	0	6	12
FAIYÛM	240	8	35	00	1	3	St,Fs	10.7	-8.7	9	21	0	6	0	47	-2	0	Tr.	4
MINYA	180	6	8	10	0	6	Sc,Ac	11.8		7	21		4		49	-3	0	0	
ASYÛT MANQABAD	310	1	30	08	0	1	As,Ci	12.9		9	21		3		44	-3	0		
NAG' HAMMÂDI	00	0	35	00	0	0	–	13.5	-6.1	10	24		5		50	0	0	0	
QENA	240	9	15	02	1	5	Ci	13.4	-5.7	11	22	-1	7	0	51	01	0	Dr.	
LUXOR	00	0	30	03	2	7	Cs	13.2		12			7		59	04	0	Dr.	
ASWÂN	340	7	50	03	1	6	Ci	12.7	-6.3	13	25	+2	10	0	44	01	0	Dr.	
SÎWA	220	15	15	00	0	0	–	11.8	-8.9	9			3	-1	62	02	0	0	5
BAHARÎYA	270	3	18	00	0	0	–	12.4	-8.3	8	20	0	7	+2	88	06	0	Dr.	5
FARAFRA	220	7	30	00	0	0	–	14.8		12	21		8		63	05	0	Dr.	
DAKHLA	00	0	15	00	1	6	Fs,Ac			8	22	+1	5	0	58	01	0	Dr.	
KHARGA	00	0	15	00	0	4	Ci	15.4	-4.2	10	24	+2	7	+1	62	03	0	0	
SUEZ	00	0	15	00	0	3	Sc	8.4	-8.2	13	21	+1	8	-1	44	01	0	12	10
TÛR	310	9	35	00	0	0	–	9.0	-9.0	15	21	0	9	0	59	07	0	0	8
HURGHADA	290	12		00	0	4	Ci	10.0		14	20		9		42	01	0	Dr.	
QUSEIR	270	9	15	00	2	7	Ac	9.8	-8.0	16	23	0	15	+1	42	03	0	0	4
PORT SÛDÂN	200	5	30	03	1	6	Sc,Ac	6.5		26					70	20	0	34	87
WÂDI HALFA	350	17	10	05	2	7	Ci,Cc	14.3		12					31	-5	0	Tr.	
ABU HAMAD	50	9	30	02	2	3	Ci	9.3		19					21	-4	0		
KAREIMA	340	5	30	00	1	0	–	10.6		15					30	-3	0	3	1
'ATBARA	00	0	30	00	0	0	–	9.8		20					28	01	0	7	2
KHARTÛM	300	5	30	03	0	4	Ci	8.9		20					35	04	0	10	4
KASSALA	00	0	30	00	0	0	–	8.7		21					65	14	0	2	8
WÂD MEDANI	50	0	50	00	0	2	Ci	8.7		21					28	02	0	11	12
RENK																		0	49
ROSEIRES																		2	36
EL OBEID																		0	16
EL FÂSHER	310	05	30	02	0	3	Ci			20					30	-2	0	0	6
GENEINA																			4
MALAKÂL																		69	88
WÂU																		261	144
JUBA																		129	144

HUMIDITY % Mean of day

Station	on 15th	Diff. from normal
Alexandria	48	-18
Ezbekîya	47	-21
Gîza	53	-2
Helwân	54	-4

GÎZA GRASS MINIMUM TEMP. ON 16th 1.9 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

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

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

UPPER WIND OBSERVATIONS on .....

Height m.	Foodhy. Dir.	Foodhy. Vel.	Almaza Dir.	Almaza Vel.	Minya Dir.	Minya Vel.																				
Time	15		14 30		15																					
300	230	13	260	9	220	14																				
600	240	16	250	12	220	13																				
1000	240	17	250	15	250	11																				
1500	220	23	240	13	270	17																				
2000			220	19	260	30																				
3000			200	22																						
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on .....

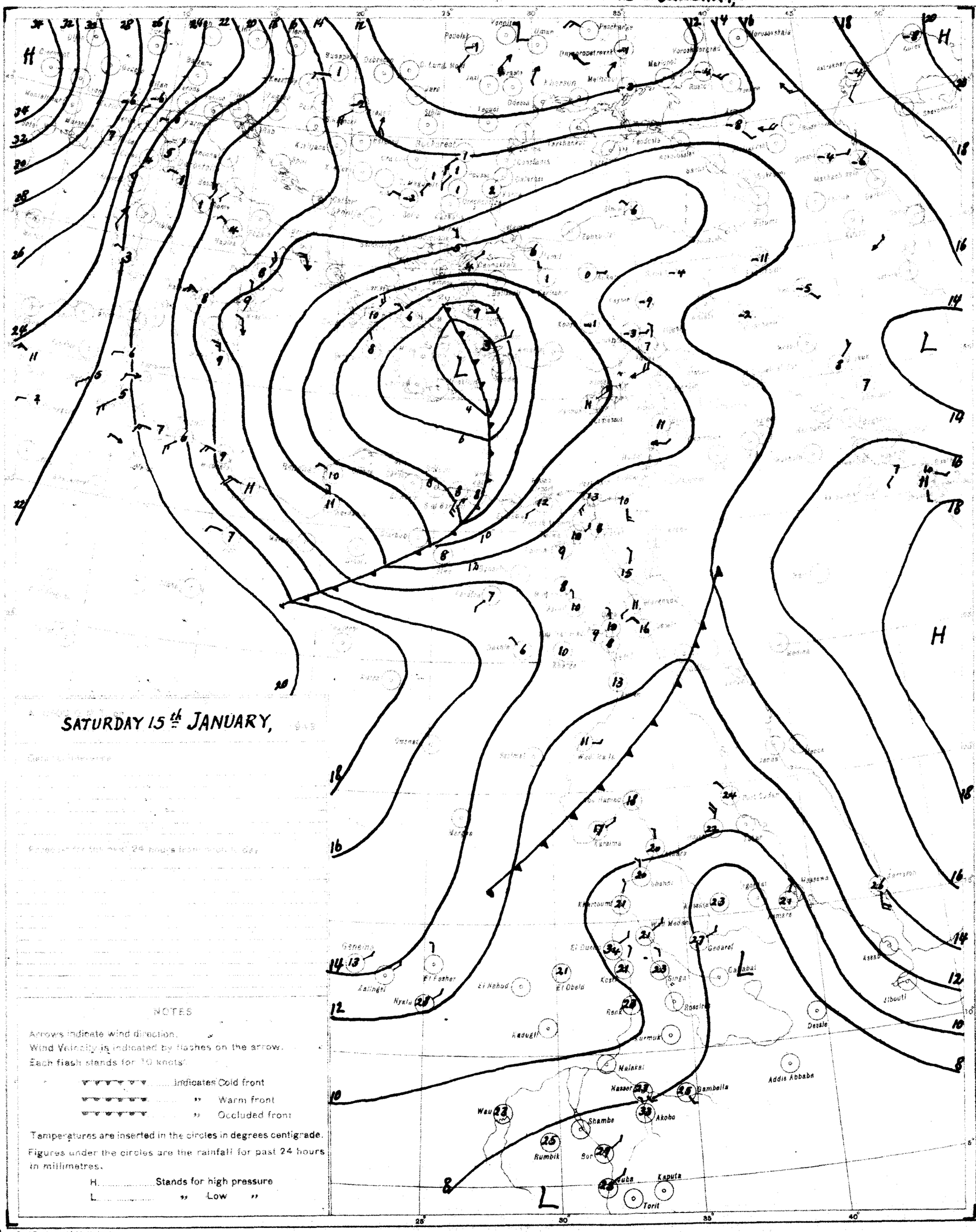
Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Saîd Dir.	Port Saîd Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabad Dir.	Asyût Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Almaza Dir.	Almaza Vel.
Time	5		5		3		5				6 45		3						5		7		9	
300	270	31	270	35	260	23	240	31			200	19	240	23					330	24	340	19	210	23
600	280	30	270	45	280	38	240	31			240	19	270	26					340	33	350	32	220	29
1000	280	28	280	36	270	30	240	29			260	27	280						340	23	330	47	210	23
1500	280	26									250	31	300	29					270	22				
2000	290	27									250	44							270	13				
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time	5		5		5		6 15																	
300	260	34	270	36	290	17	310	13																
600	280	37	280	44	290	26	310	20																
1000	280	36	290	45	300	31	300	4																
1500	290	36	290	47	310	43																		
2000	280	39																						
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.

K. N.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 15th JANUARY, 1949


SATURDAY 15th JANUARY,
Khartoum
Gedaref
Kosti
Singa
Roseires
Malakal
Nasser
Gambeila
Akobo
Wau
Shambe
Rumbik
Bor
Juba
Kapuita
Torit
Malakal
Addis Ababa
Dessie
Jibouti
Kassala
Geneina
El Fasher
Zalingei
Hyala
El Nahud
El Obeid
Kadugli
Kurmuk
Renk
Khartoum
Wadi Medani
Gedaref
Asmara
Massawa
Aden
Berbera
Mogadishu
Nairobi
Kisumu
Mombasa
Port Sudan
Wadi Halfa
Kassala
Aswan
Luxor
Cairo
Alexandria
Port Said
Jerusalem
Beirut
Damascus
Baghdad
Tehran
Tashkent
Bombay
Karachi
Delhi
Calcutta
Rangoon
Bangkok
Hong Kong
Shanghai
Tokyo
Osaka
Seoul
Vladivostok
Irkutsk
Omsk
Novosibirsk
Tomsk
Yakutsk
Moscow
Leningrad
Kiev
Odessa
Sofia
Athens
Rome
Paris
London
Dublin
Reykjavik
Lisbon
Madrid
Algiers
Tunis
Tripoli
Cairo
Khartoum
Nairobi
Addis Ababa
Dakar
Bathurst
Freetown
Monrovia
Accra
Lagos
Fort Lamy
Kano
Maiduguri
Bamako
Niamey
Tamanrasset
Ouagadougou
Abidjan
Bissau
Conakry
Freetown
Lagos
Fernando Po
Libreville
Leopoldville
Elisabethville
Lusaka
Salisbury
Bulawayo
Pretoria
Johannesburg
Durban
Cape Town
Port Elizabeth
Windhoek
Walvis Bay
Luanda
Lobito
Beira
Lourenço Marques
Tananarive
Mauritius
Seychelles
Diego Suarez
Zanzibar
Dar es Salaam
Mombasa
Kisumu
Nairobi
Tabora
Mwanza
Kampala
Entebbe
Gondar
Addis Ababa
Asmara
Massawa
Aden
Berbera
Mogadishu
Kassala
Jibouti
Dessie
Addis Ababa
Nairobi
Kisumu
Mombasa
Tanga
Dar es Salaam

CAIRO

Time of Sunrise 04 52 G. M. T.

" " Sunset 15 18 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: Sunday 16th January, 1949

At 1200 on Saturday 15th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	220	15	3	07	3	3	Ac	4.3	16	49	05
	62303	SÎDI BARÂNI	250	12	35	03	1	4	Cu,Sc		15	48	04
	62306	MATRÛH	280	29		34	4		—	6.3	16	45	04
	62309	EL DABA	320	15		05	3	0	—		17	39	03
		ALEXANDRIA	220	15	50	01	2	3	Cu,Sc	7.5	16	49	05
	62318	FOUAD (Airport)	250	12	15	03	1	4	Cu,Sc	7.4	17	42	04
	62330	DAMIETTA	220	9	15	01	1	4	Cu	7.9	17	60	09
	62333	PORT SA'ID	240	14	30	02	1	5	Sc	7.8	18	52	08
	62336	EL 'ARISH	280	18	35	01	1	3		7.6	18	46	06
Lower Egypt	62339	DAMANHUR	270	13	15	02	1	6	Cb,Cu	8.2	18	52	08
	62342	MANSURA	180	13	35	03	2	6	Cu,Sc	8.0	19	46	07
	62348	TANTA	270	8	35	03	1	4	Cu	9.3	19	37	04
	62354	ZAGAZIG	220	5	15	02	0	6	Cu	8.2	18	52	08
	62441	ISMA'ILIA	200	8	16	01	2	5	Sc		19	37	03
Cairo Area	62366	FAROUK (Airport)	200	17	16	03	2	7	Cb,Cu	8.4	13	46	06
	62372	ALMAZA	230	18	30	02	1	5	Sc	8.3	19	32	02
		EZBEKIYA	220	2	35	02	0	5	Sc	8.7	18	46	06
		GIZA	220	2	35	02	0	5	Sc	9.4	19	43	06
	62378	HELWAN	240	16	35	03	1	4	Sc	8.6	18	37	03
Upper Egypt	62381	FAIYUM	220	2	35	03	2	6	St,Fs	9.0	19	37	04
	62387	MINYA	220	8	18	02	1	1	Ci	9.7	20	33	03
	62393	ASYUT MANQABAD	00	0	30	01	1	6	Ac	9.8	16	52	06
	62399	NAG' HAMMADI	00	6	35	00	0	0	—	9.4	22	44	09
	62402	QENA	270	5	50	02	0	3	Ci	9.9	20	41	06
	62405	LUXOR	360	3	30	00	0	0	—	9.2	21	53	11
	62414	ASWAN	340	5	50	00	0	0	—	8.6	24	19	-1
Oases	62417	SIWA	270	12	15	00	0	0	—	11.5	17	60	09
	62420	BAHARIYA	270	1	18	00	1	0	—	10.4	20	21	-1
	62423	FARAFRA	240	9	18	00	0	0	—	10.2	20	41	06
	62432	DAKHLA	220	3	35	00	1	3	Fs,Fc,Ac	9.3	20	29	03
	62435	KHARGA	00	0	35	00	0	0	—	11.2	22	36	06
Red Sea	62450	SUEZ	00	0	35	03	0	5	Cu	7.2	18	46	06
	62459	TOR	310	6	15	02	1	7	Ci	8.2	20	13	15
	62462	HURGHADA	30	3	30	03	1	6	Ac,Cu	9.8	20	46	08
	62465	QUSEIR	360	5	15	03	1	3	Ci	9.8	21	57	12
	62641	PORT SUDAN	120	9	30	01	1	3	Cu	7.5	27	79	23
North Sudan	62600	WADI HALFA	20	4	10	05	0	0	—	7.2	27	16	-1
	62640	ABU HAMAD	200	2	30	00	0	0	—	5.3	32	26	10
	62660	KAREIMA	130	1	30	00	0	0	—	5.9	33	14	02
	62680	'ATBARA	340	2	30	00	0	0	—	5.0	32	24	09
	62721	KHARTUM	50	5	30	00	0	0	—	4.8	35	18	07
	62780	KASSALA	00	0	30	00	0	0	—	1.9	37	27	15
Central Sudan	62751	WAD MEDANI	310	5	35	00	0	0	—	3.2	36	15	06
	62801	RENK	50	5	50	00	0	0	—		35		
	62802	ROSEIRES	340	5	35	00	0	0	—		37	20	11
	62771	EL OBEID	70	3	30	00	0	0	—	2.7	35	13	03
	62760	EL FASHER	160	5	30	01	1	4	Ci,Cc		33	14	02
	62770	GENEINA	180	2				4	Ci		34		
S. Sudan	62840	MALAKAL	30	7	30	03	0	1	Cu,Sc	2.3	38	15	07
	62880	WAU	130	3	30	00	0	0	—	5.5	35	23	11
	62941	JUBA	50	5	18	03	0	1	Cu		39	21	15

At 1800 on Saturday 15th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	270	10	7	13	5	6	Fs,Fc,Ac	5.5	13	77	09	Dr.
SÎDI BARÂNI	250	8	35	94	6	8	Ac	5.8	10	95	10	8
MATRÛH	270	18	8	30	3	5	Sc	5.2	13	77	09	0
EL DABA	320	17		05	3	0	—	4.6	16	86	01	0
ALEXANDRIA	220	19	3	03	2	4	Ac	6.7	14	36	-1	0
FOUAD (Airport)	270	12	12	01	0	1	Sc	7.4	14	52	04	0
DAMIETTA	180	5		03	1	5	Cu,Ac	7.0	11	63	04	0
PORT SA'ID	220	10	12	02	0	1	Sc	7.5	15	59	07	0
EL 'ARISH	220	12	7	02	0	0	—	6.6	15	68	09	0
DAMANHUR	310	13	7	02	1	4	Cu,Sc	7.8	12	55	03	0
MANSURA	220	5	3	03	2	6	Cu,Sc	7.6	10	52	07	0
TANTA	270	2	35	01	1	0	—	9.3	12	59	05	0
ZAGAZIG	270	2	15	00	0	0	—	8.6	13	55	04	0
ISMA'ILIA	260	2	14	01	0	6	Sc	8.6	10	88	08	0
FAROUK (Airport)	260	6	12	01	1	2	Sc	9.0	15	48	04	0
ALMAZA	210	12	12	01	1	3	Sc	8.1	14	36	-1	0
EZBEKIYA	00	0	15	01	0	3	Sc	8.6	14	48	03	0
GIZA	00	0	15	01	0	3	Sc	9.5	12	51	02	0
HELWAN	200	2	35	02	1	4	Sc	8.7	13	55	04	0
FAIYUM	240	2	35	01	0	0	—	8.7	13	56	04	0
MINYA	200	4	12	00	0	0	—	9.9	12	44	00	0
ASYUT MANQABAD	00	0	35	00	0	0	—	9.5	11	88	09	0
NAG' HAMMADI	270	5	7	00	1	0	—	10.0	16	49	05	0
QENA												
LUXOR	360	4	50	00	0	0	—	9.0	20	35	04	0
ASWAN												
SIWA	220	10	7	00	0	0	—	10.2	13	55	04	0
BAHARIYA	310	1	18	00	0	0	—	9.8	10	58	02	0
FARAFRA	310	4	8	00	0	0	—	11.8	12	63	05	0
DAKHLA	320	6	35	02	1	4	Fs,Fc,Ac	10.7	15	48	04	0
KHARGA	00	0	15	00	0	0	—	11.6	15	39	01	0
SUEZ	00	0	50	01	0	3	Cu	8.3	15	42	02	0
TOR	20	3	15	02	1	6	Ci	9.3	18	32	01	0
HURGHADA	180	5	17	01	2	0	—	9.2	14	72	09	0
QUSEIR	160	5	15	03	1	7	Cs,Cc	8.7	19	73	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 Sunday 16th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	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	220	15	7	01	0	2	Ac	5.6		9	18		5		71	04	0		
SÎDI BARÂNI	220	22	30	01	6	6	Sc,Ac,Ci	5.3		8	16		6		88	06	29	186	
MATRÛH	280	28	14	02	1	2	Cb,Cu	5.3		8	16		7		76	04	0	121	
EL DABA	270	31		05	3	0	—	4.0		12	20		7		55	03	0	94	
ALEXANDRIA	220	10	50	03	2	3	Cb,Cu	5.3	-13.5	10	17	-2	9	-1	76	6	0	141	122
FOUAD (Airport)	240	17	14	01	2	2	Sc	5.0		10	18		8		76	06	0	120	89
DAMIETTA	180	9		01	0	1	Cu	5.9	-12.0	8	19		4		71	03	0	59	55
PORT SA'ID	230	27	8	02	0	1	Ci	6.1		10	20		9		62	03	0	17	
EL 'ARISH	270	38	35	02	0	0	—			11			9	+2	33	-5	0	32	43
DAMANHUR	270	30	7	02	0	0	—			9	19	-1	8	0	71	04	0	26	50
MANSURA	220	9	35	00	1	0	—	6.3	-12.0	9	20	0	7	0	62	02	0	12	23
TANTA	220	13	35	02	0	0	—	7.8	-11.3	9	19	-1	6	0	71	04	0	9	18
ZAGAZIG	220	2	15	00	0	0	—	8.0	-11.0	8	21	+1	6	0	76	04	0	3	12
ISMA'ILIA	220	12	7	03	1	4	Ac	8.6		10	20		9		50	00	0	5	
FAROUK (Airport)	200	25	8	01	0	1	Sc	8.0		9	19		5		58	01	0	Dr.	
ALMAZA	190	18	12	00	0	1	Sc	8.6	-10.6	8	19		7		46	-3	0	2	
EZBEKIYA	220	2	15	00	0	1	Sc	9.4	-9.5	8	20	0	7	-1	58	00	0	6	12
GIZA	220	2	15	00	0	1	Sc	10.0	-9.4	9	20	+1	6	+1	50	-1	0	12	13
HELWAN	160	14	7	01	2	5	Cb,Ac	9.9	-9.7	8	18	0	6	-2	46	-3	0	6	12
FAIYUM	240	8	35	00	1	3	St,Fs	10.7	-8.7	9	21	0	6	0	47	-2	0	Tr.	4
MINYA	180	6	8	10	0	6	Ac,Ci	11.8		7	21		4		49	-3	0	0	
ASYUT MANQABAD	310	1	30	00	0	1	Ac,Cu	12.9		9	21		3		44	-3	0		
NAG' HAMMADI	00	0	35	00	0	0	—	13.5	-6.1	10	24		5		50	0	0	0	
QENA	240	9	15	00	1	5	Ci	13.4	-5.7	11	22	-1	7	0	51	01	0	Dr.	
LUXOR	00	0	30	03	2	7	Cs	13.2		12			7		59	04	0	Dr.	
ASWAN	340	7	50	03	1	6	Ci	12.7	-6.3	13	25	+2	10	0	44	01	0	Dr.	
SIWA	220	15	15	00	0	0	—	11.8	-8.9	9			3	-1	62	02	0	0	5
BAHARIYA	270	3	18	00	0	0	—	12.4	-8.3	8	20	0	7	+2	88	06	0	Dr.	5
FARAFRA	220	7	30	00	0	0	—	14.8		12	21		8		63	05	0	Dr.	
DAKHLA	00	0	15	00	1	6	Fs,Ac,Ci			8	22	+1	5	0	58	01	0	Dr.	
KHARGA	00	0	15	00	0	4	Ci	15.4	-4.2	10	24	+2	7	+1	62	03	0	0	
SUEZ	00	0	15	00	0	3	Sc	8.4	-8.2	13	21	+1	8	-1	44	01	0	12	10
TOR	310	9	35	00	0	0	—	9.0	-9.0	15	21	0	9	0	59	07	0	0	8
HURGHADA	290	12		00	0	4	Ci	10.0		14	20		9		42	01	0	Dr.	
QUSEIR	270	9	15	00	2	7	Ac	9.8	-8.0	16	23	0	15	+1	42	03	0	0	4
PORT SUDAN	200	5	30	03	1	6	Sc,Ac	8.5		26					70	20	0	34	87
WADI HALFA	350	17	10	05	2	7	Ci,Cu	14.3		12					31	-5	0	Tr.	
ABU HAMAD	50	9	30	02	2	3	Ci	9.3		19					21	-4	0		
KAREIMA	340	5	30	00	1	0	—	10.6		15					30	-3	0	3	1
'ATBARA	00	0	30	00	0	0	—	9.8		20					28	01	0	7	2
KHARTUM	300	5	30	03	0	4	Ci	8.9		20					35	04	0	10	4
KASSALA	00	0	30	00	0	0	—	8.7		21					65	14	0	2	8
WAD MEDANI	50	0	50	00	0	2	Ci	8.7		21					28	02	0	11	12
RENK																		0	49
ROSEIRES																		2	36
EL OBEID																		0	16
EL FASHER	310	05	30	02	0	3	Ci			20					30	-2	0	0	6
GENEINA																			4
MALAKAL																		69	88
WAU																		261	144
JUBA																		129	144

HUMIDITY % Mean of day

Station	on 15th	Diff from normal
Alexandria	48	-18
Ezbekiya	47	-21
Giza	53	-2
Helwân	54	-4

GÎZA GRASS MINIMUM TEMP. ON 16th 1.9 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — AIRPORT

On ..... At						On ..... At						On ..... At					
Pressure mbs	Height above M.S.L. feet	Temp. °C	Humid. %	Wind Dir.	Wind Vel.	Pressure mbs	Height above M.S.L. feet	Temp. °C	Humid. %	Wind Dir.	Wind Vel.	Pressure mbs	Height above M.S.L. feet	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 .....

Station	Fooddy		Almaza		Minya																			
Time	15		14 30		15																			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	230	13	260	9	220	14																		
600	240	16	250	12	220	13																		
1000	240	17	250	15	250	11																		
1500	220	22	240	13	270	17																		
2000			220	19	260	30																		
3000			200	22																				
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on .....

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'îd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Almaza	
Time	5		5		3		5				6 45		3						5		9		9	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	270	31	270	35	260	23	240	31			200	19	240	23					330	24	340	19	210	23
600	280	30	270	45	280	38	240	31			240	19	270	26					340	33	350	32	220	29
1000	280	28	280	36	270	30	240	29			260	27	280						340	23	330	47	210	23
1500	280	26									250	31	300	29					270	22				
2000	290	27									250	44							270	13				
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	5		5		5		6 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	34	270	36	290	17	310	13																
600	280	37	280	44	290	26	310	20																
1000	280	36	290	45	300	31	300	4																
1500	290	36	290	47	310	43																		
2000	280	39																						
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

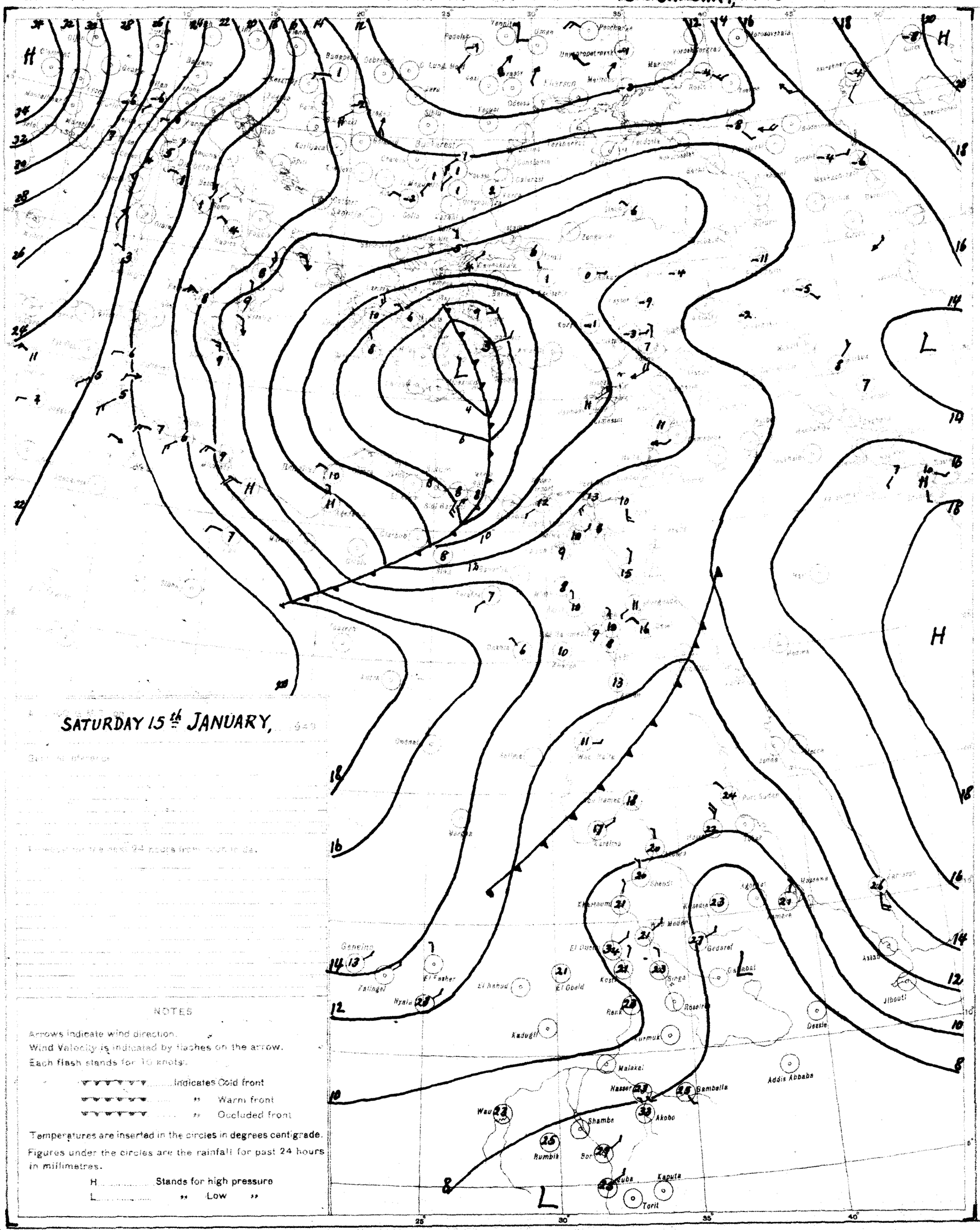
Remarks: 1- Wind Direction in degrees east of North.
2- " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

K. N.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7T. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 15th JANUARY, 1949


SATURDAY 15th JANUARY,
Addis Ababa
Gamballa
Akobo
Nasser
Malakal
Kaputa
Tarit
Rumbik
Shambe
Wau
Kadugli
Kurmuk
Dessie
Jibouti
Gedaref
Kassala
Khartoum
Omdurman
Atbara
Port Sudan
Asmara
Massawa
Zalingei
Nyala
El Fasher
El Obeid
Kosti
Rank
Roseires
Singa
Ganeina
Wadi Halfa
Kareima
Berber
Merowe
Dongola
Kerma
Juba
Bor
Mongalla
Lokichokio
Lamu
Mombasa
Tanga
Zanzibar
Dar es Salaam
Kilwa
Lindi
Mtwara
Tabora
Mwanza
Kisumu
Eldoret
Nairobi
Kampala
Entebbe
Gondar
Lake Tana
Dire Dawa
Harar
Jimma
Asmara
Massawa
Port Sudan
Aden
Berbera
Hargeisa
Mogadishu
Kismayu
Lake Rudolf
Lake Stephanie
Lake Turkana
Lake Victoria
Lake Tanganyika
Lake Kivu
Lake Edward
Lake Albert
Lake Mobutu
Lake Tchad
Lake Rudolf

CAIRO

Time of Sunrise 04 52 G.M.T.

" " Sunset 15 18 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: Sunday 16th January, 1949

At 1200 on Saturday 15th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
MEDITERRANEAN	62300	SALÛM	220	15	3	07	3	8	Ac	4.3	16	49	05
	62303	SÎDI BARÂNI	250	12	35	03	1	4	Cu,Sc		15	48	04
	62306	MATRÛH	280	29		34	4			6.3	16	45	04
	62309	EL DABA	320	15		15	3	8	—		17	39	03
		ALEXANDRIA	220	15	50	01	2	3	Cu,Sc	7.5	16	49	05
	62318	FOUAD (Airport)	250	12	15	03	1	4	Cu,Sc	7.4	17	42	04
	62330	DAMIETTA	220	9	15	01	1	4	Cu	7.9	17	60	09
	62333	PORT SA'ID	240	14	30	02	1	5	Sc	7.8	18	52	08
	62336	EL 'ARISH	280	18	35	01	1	3		7.6	18	46	06
LOWER EGYPT	62339	DAMANHUR	270	13	15	02	1	6	Ci,Cu	8.2	18	52	08
	62342	MANSURA	180	13	35	03	2	6	Cu,Sc	8.0	19	46	07
	62348	TANTA	270	8	35	03	1	4	Cu	9.3	19	37	04
	62354	ZAGAZIG	220	5	15	02	0	6	Cu	8.2	18	52	08
	62441	ISMA'ILIA	200	8	16	01	2	5	Sc		19	37	03
CAIRO AREA	62366	FAROUK (Airport)	200	17	16	03	2	7	Ci,Cu	8.4	13	46	06
	62372	ALMAZA	230	18	30	02	1	5	Sc	8.3	19	32	02
		EZBEKIYA	220	2	35	02	0	5	Sc	8.7	18	46	06
		GIZA	220	2	35	02	0	5	Sc	9.4	19	43	06
	62378	HELWÂN	240	16	35	03	1	4	Sc	8.6	18	37	03
UPPER EGYPT	62381	FAIYÛM	220	2	35	03	2	6	St,Fs	9.0	19	37	04
	62387	MINYA	220	8	18	02	1	1	Ci	9.7	20	33	03
	62393	ASYUT MANQABAD	00	0	30	01	1	6	Ac	9.8	16	52	06
	62399	NAG' HAMMADI	00	6	35	00	0	0	—	9.4	22	44	09
	62402	QENA	270	5	50	02	0	3	Ci	9.9	20	41	06
	62405	LUXOR	360	3	30	00	0	0	—	9.2	21	53	11
	62414	ASWÂN	340	5	50	00	0	0	—	8.6	24	19	-1
OASES	62417	SÎWA	270	12	15	00	0	0	—	11.5	17	60	09
	62420	BAHARIYA	270	1	18	00	1	0	—	10.4	20	21	-1
	62423	FARAFRA	240	9	18	00	0	0	—	10.2	20	41	06
	62432	DAKHLA	220	3	35	00	1	3	Fs,Fc	9.3	20	29	03
	62435	KHARGA	00	0	35	00	0	0	—	11.2	22	36	06
RED SEA	62450	SUEZ	00	0	35	03	0	5	Cu	7.2	18	46	06
	62459	TÛR	310	6	15	02	1	7	Ci	8.2	20	73	15
	62462	HURGHADA	30	3	30	03	1	6	Ac,Ac	9.8	20	46	08
	62465	QUSEIR	360	5	15	03	1	3	Ci	9.8	21	57	12
	62641	PORT SUDAN	120	9	30	01	1	3	Cu	7.5	27	79	23
NORTH SUDAN	62600	WADI HALFA	20	4	10	05	0	0	—	7.2	27	16	-1
	62640	ABU HAMAD	200	2	30	00	0	0	—	5.3	32	26	10
	62660	KAREIMA	130	1	30	00	0	0	—	5.9	33	14	02
	62680	'ATBARA	340	2	30	00	0	0	—	5.0	32	24	09
	62721	KHARTUM	50	5	30	00	0	0	—	4.8	35	18	07
	62780	KASSALA	00	0	30	00	0	0	—	1.9	37	27	15
CENTRAL SUDAN	62751	WAD MEDANI	310	5	35	00	0	0	—	3.2	36	15	06
	62801	RENK	50	5	50	00	0	0	—		35		
	62802	ROSEIRES	340	5	35	00	0	0	—		37	20	11
	62771	EL OBEID	70	3	30	00	0	0	—	2.7	35	13	03
	62760	EL FASHER	160	5	30	01	1	4	Ci,Cu		33	14	02
	62770	GENEINA	180	2				4	Ci		34		
S. SUDAN	62840	MALAKAL	30	7	30	03	0	1	Cu,St	2.3	38	15	07
	62880	WAU	130	3	30	00	0	0	—	5.5	35	23	11
	62941	JUBA	50	5	18	03	0	1	Cu		39	21	15

At 1800 on Saturday 15th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
SALUM	270	10	7	13	5	6	Fc,Fs	5.5	13	77	09	Dr.
SIDI BARANI	250	8	35	94	6	8	Ac	5.8	10	95	10	8
MATRUH	270	18	8	30	3	5	Sc	5.2	13	77	09	0
EL DABA	320	17		05	3	0	—	4.6	16	26	01	0
ALEXANDRIA	220	19	3	03	2	4	Ac	6.7	14	36	-1	0
FOUAD (Airport)	270	12	12	01	0	1	Sc	7.4	14	52	04	0
DAMIETTA	180	5		03	1	5	Cu,Ac	7.0	11	63	04	0
PORT SA'ID	220	10	12	02	0	1	Sc	7.5	15	59	07	0
EL 'ARISH	220	12	7	02	0	0	—	6.6	15	68	09	0
DAMANHUR	310	13	7	02	1	4	Cu,Sc	7.8	12	55	03	0
MANSURA	220	5	3	03	2	6	Cu,Sc	7.6	10	52	07	0
TANTA	270	2	35	01	1	0	—	9.3	12	59	05	0
ZAGAZIG	270	2	15	00	0	0	—	8.6	13	55	04	0
ISMA'ILIA	260	2	14	01	0	6	Sc	8.6	10	88	08	0
FAROUK (Airport)	260	6	12	01	1	2	Sc	9.0	15	48	04	0
ALMAZA	210	12	12	01	1	3	Sc	8.1	14	36	-1	0
EZBEKIYA	00	0	15	01	0	3	Sc	8.6	14	48	03	0
GIZA	00	0	15	01	0	3	Sc	9.5	12	51	02	0
HELWAN	200	2	35	02	1	4	Sc	8.7	13	55	04	0
FAIYUM	240	2	35	01	0	0	—	8.7	13	55	04	0
MINYA	200	4	12	00	0	0	—	9.9	12	44	00	0
ASYUT MANQABAD												
NAG' HAMMADI	00	0	35	00	0	0	—	9.5	11	88	09	0
QENA	270	5	7	00	1	0	—	10.0	16	49	05	0
LUXOR												
ASWAN	360	4	50	00	0	0	—	9.0	20	35	04	0
SIWA	220	10	7	00	0	0	—	10.2	13	55	04	0
BAHARIYA	310	1	18	00	0	0	—	9.8	10	58	02	0
FARAFRA	310	4	8	00	0	0	—	11.8	12	63	05	0
DAKHLA	320	6	35	02	1	4	Fs,Fc	10.7	15	48	04	0
KHARGA	00	0	15	00	0	0	—	11.6	15	39	01	0
SUEZ	00	0	50	01	0	3	Cu	8.3	15	42	02	0
TUR	20	3	15	02	1	Tu	Ci	9.3	18	32	01	0
HURGHADA	180	5	17	01	2	0	—	9.2	14	72	09	0
QUSEIR	160	5	15	03	1	7	Cs,Cu	8.7	19	73	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 Sunday 16th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	220	15	7	01	0	2	Ac	5.6		9	18		5		71	04	0		
SIDI BARANI	220	22	30	01	6	6	Sc,Ac	5.3		8	16		6		88	06	29	186	
MATRUH	280	28	14	02	1	2	Ci,Cu	5.3		8	16		7		76	04	0	121	
EL DABA	270	31		05	3	0	—	4.0		12	20		7		55	03	0	94	
ALEXANDRIA	220	10	50	03	2	3	Ci,Cu	5.3	-13.5	10	17	-3	9	-1	76	6	0	141	122
FOUAD (Airport)	240	17	14	01	2	2	Sc	5.0		10	18		8		76	06	0	120	89
DAMIETTA	180	9		01	0	1	Cu	5.9	-12.4	8	19		4		71	03	0	59	55
PORT SA'ID	230	27	8	02	0	1	Ci	6.1		10	20		9		62	03	0	17	
EL 'ARISH	270	38	35	02	0	0	—			11			9	+2	33	-5	0	32	43
DAMANHUR	270	30	7	02	0	0	—			9	19	-1	8	0	71	04	0	26	50
MANSURA	220	9	35	00	1	0	—	6.3	-12.0	9	20	0	7	0	62	02	0	12	23
TANTA	220	13	35	02	0	0	—	7.8	-11.3	9	19	-1	6	0	71	04	0	9	18
ZAGAZIG	220	2	15	00	0	0	—	8.0	-11.0	8	21	+1	6	0	76	04	0	3	12
ISMA'ILIA	220	12	7	03	1	4	Ac	8.6		10	20		9		50	00	0	5	
FAROUK (Airport)	200	25	8	01	0	1	Sc	8.0		9	19		5		58	01	0	Dr.	
ALMAZA	190	18	12	00	0	1	Sc	8.6	-10.6	8	19		7		46	-3	0	2	
EZBEKIYA	220	2	15	00	0	1	Sc	9.4	-9.8	8	20	0	7	-1	58	00	0	6	12
GIZA	220	2	15	00	0	1	Sc	10.0	-9.4	9	20	+1	6	+1	50	-1	0	12	13
HELWAN	160	14	7	01	2	5	Ci,Ac	9.9	-9.7	8	18	0	6	-2	46	-3	0	6	12
FAIYUM	240	8	35	00	1	3	St,Fs	10.7	-8.7	9	21	0	6	0	47	-2	0	Tr.	4
MINYA	180	6	8	10	0	6	Ac,Ac	11.8		7	21		4		49	-3	0	0	
ASYUT MANQABAD	310	1	30	08	0	1	As,Ci	12.9		9	21		3		44	-3	0		
NAG' HAMMADI	00	0	35	00	0	0	—	13.5	-6.1	10	24		6		50	0	0	0	
QENA	240	9	15	02	1	5	Ci	13.4	-5.7	11	22	-1	7	0	51	01	0	Dr.	
LUXOR	00	0	30	03	2	7	Cs	13.2		12			7		59	04	0	Dr.	
ASWAN	340	7	50	03	1	6	Ci	12.7	-6.3	13	25	+2	10	0	44	01	0	Dr.	
SIWA	220	15	15	00	0	0	—	11.8	-8.9	9			3	-1	62	02	0	0	5
BAHARIYA	270	3	18	00	0	0	—	12.4	-8.3	8	20	0	7	+2	88	06	0	Dr.	5
FARAFRA	220	7	30	00	0	0	—	14.8		12	21		8		63	05	0	Dr.	
DAKHLA	00	0	15	00	1	6	Fs,Ac			8	22	+1	5	0	58	01	0	Dr.	
KHARGA	00	0	15	00	0	4	Ci	15.4	-4.2	10	24	+2	7	+1	62	03	0	0	
SUEZ	00	0	15	00	0	3	Sc	8.4	-8.2	13	21	+1	8	-1	44	01	0	12	10
TUR	310	9	35	00	0	0	—	9.0	-9.0	15	21	0	9	0	59	07	0	0	8
HURGHADA	290	12		00	0	4	Ci	10.0		14	20		9		42	01	0	Dr.	
QUSEIR	270	9	15	00	2	7	As	9.8	-8.0	16	23	0	15	+1	42	03	0	0	4
PORT SUDAN	200	5	30	03	1	6	Sc,Ac	8.5		26					70	20	0	34	87
WADI HALFA	350	17	10	05	2	7	Ci,Cu	14.3		12					31	-5	0	Tr.	
ABU HAMAD	50	9	30	02	2	3	Ci	9.3		19					21	-4	0		
KAREIMA	340	5	30	00	1	0	—	10.6		15					30	-3	0	3	1
'ATBARA	00	0	30	00	0	0	—	9.8		20					28	01	0	7	2
KHARTUM	300	5	30	03	0	4	Ci	8.9		20					35	04	0	10	4
KASSALA	00	0	30	00	0	0	—	8.7		21					65	14	0	2	8
WAD MEDANI	50	0	50	00	0	2	Ci	8.7		21					28	02	0	11	12
RENK																		0	49
ROSEIRES																		2	36
EL OBEID																		0	16
EL FASHER	310	05	30	02	0	3	Ci			20					30	-2	0	0	6
GENEINA																			4
MALAKAL																		69	88
WAU																		261	144
JUBA																		129	144

HUMIDITY

Mean % of day

Station	on 15th	Diff from normal
Alexandria	48	-18
Ezbekiya	47	-21
Giza	53	-2
Helwân	54	-4

GIZA

GRASS MINIMUM TEMP.

ON 16th 1.9 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

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

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

Remarks

RAWINSONDE

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

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

UPPER WIND OBSERVATIONS on .....

Height m.	Fouad Dir.	Fouad Vel.	Almaza Dir.	Almaza Vel.	Minya Dir.	Minya Vel.																				
Time	15		14 30		15																					
300	230	13	260	9	220	14																				
600	240	16	250	12	220	13																				
1000	240	17	250	15	250	11																				
1500	220	22	240	13	270	17																				
2000			220	19	260	30																				
3000			200	22																						
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on .....

Station	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Sa'îd Dir.	Port Sa'îd Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Almaza Dir.	Almaza Vel.
Time	5		5		3		5				6 45		3						5		7		9	
300	270	31	270	35	260	23	240	31			200	19	240	23					330	24	340	19	210	23
600	280	30	270	45	280	38	240	31			240	19	270	26					340	33	350	32	220	29
1000	280	28	280	36	270	30	240	29			260	27	280						340	23	330	47	210	23
1500	280	26									250	31	300	29					270	22				
2000	290	27									250	44							270	13				
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time	5		5		5		6 15																	
300	260	34	270	36	290	17	310	13																
600	280	37	280	44	290	26	310	20																
1000	280	36	290	45	300	31	300	4																
1500	290	36	290	47	310	43																		
2000	280	39																						
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

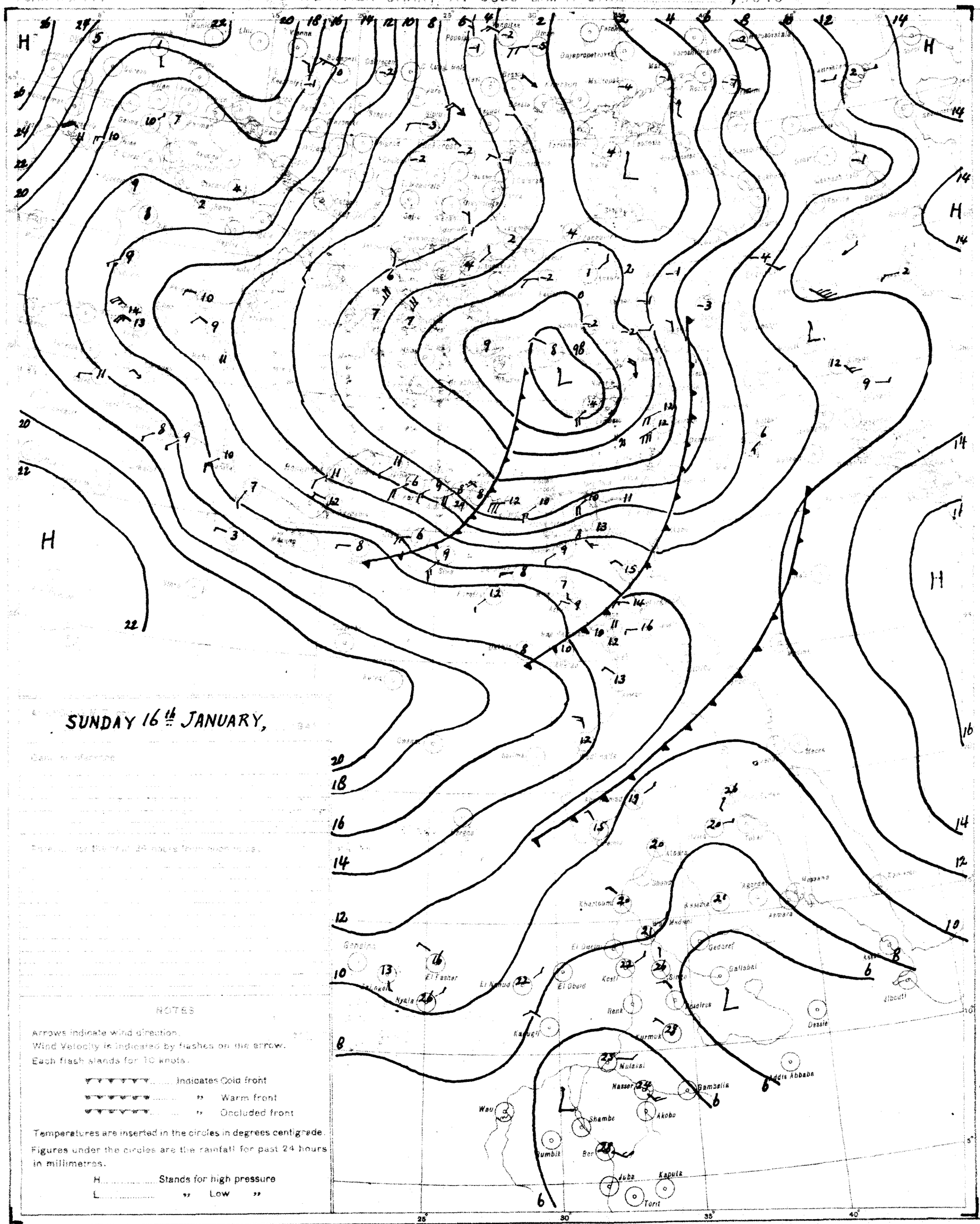
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

K. N.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 16th JANUARY, 1949


SUNDAY 16th JANUARY,
Khartoum
Kassala
Asmara
Gedaref
Galisbai
Dessie
Jibouti
Addis Abbaba
Gambella
Akobo
Nasser
Nuiaksi
Shambe
Bor
Juba
Kapoeta
Torit
Wau
Renk
Kurmuk
Kosti
El Obeid
El Fasher
Nyala
Geneina
Kassala
Asmara
Massawa
Aden
Berbera
Mogadishu
Kisimayu
Mombasa
Nairobi
Kampala
Entebbe
Tabora
Dar es Salaam
Tanga
Zanzibar
Mahe
Victoria
Tananarive
Tamatave
Diego Suarez
Majunga
Tulear
Port Louis
Port Mathurin
Tamatave
Diego Suarez
Majunga
Tulear
Port Louis
Port Mathurin
Tananarive

CAIRO

Time of Sunrise 04 52 G. M. T.

" " Sunset 15 19 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: Monday 17th January, 1949

At 1200 on Sunday 16th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
MEDITERRANEAN	62300	SALUM	220	24	3	07	9	6	St, Ac	4.0	17	42	04
	62303	SIDI BARANI	250	30	35	03	1	8	Sc, Cu	3.4	15	48	04
	62306	MATRUH	270	24	2	05	3	4	Cu, Sc	4.3	17	52	07
	62309	EL DABA	140	33	0.8	05	3	0	—	4.3	15	52	05
		ALEXANDRIA	220	24	35	04	2	6	Cb, Cu	4.4	14	55	05
	62318	FOUAD (Airport)	260	23	6	07	0	4	Cu, Sc	4.5	16	49	05
	62330	DAMIETTA	200	19	15	03	2	6	Cb	5.0	15	59	07
	62333	PORT SA'ID	260	26	10	02	0	1	Sc	5.1	15	56	06
	62336	EL 'ARISH	180	41	7	05	4	4	St		18	19	-6
LOWER EGYPT	62339	DAMANHUR	290	30	1.5	09	3	7	Cb, Cu	6.2	16	49	05
	62342	MANSURA	220	19	15	31	3	0	—	5.5	16	49	05
	62348	TANTA	220	22	35	03	2	8	Ac	7.4	16	49	05
	62354	ZAGAZIG	220	30	5	09	3	0	—	6.8	16	49	05
	62441	ISMA'ILIA		17	14	02	2	2	As	7.5	16	42	03
CAIRO AREA	62366	FAROUK (Airport)	200	24	3	07	1	3	St, Fs	5.6	16	49	05
	62372	ALMAZA	250	27	4	07	1	5	Cu	7.5	16	42	03
		EZBEKIYA	250	5	15	03	1	5	Sc	7.8	17	34	01
		GIZA	250	5	15	03	1	5	Sc	8.6	17	39	03
	62378	HELWAN	220	22	7	03	1	4	Cb	8.2	16	42	03
UPPER EGYPT	62381	FAIYUM	240	11	7	07	3	6	St	9.4	17	42	04
	62387	MINYA	280	13	12	02	1	3	Cu	11.1	18	28	-1
	62393	ASYUT MANQABAT	290	9	30	03	1	1	Cu	11.4	17	37	02
	62399	NAG' HAMMADI	260	3	35	00	0	0	—	12.3	18	46	06
	62402	QENA	290	9	35	01	1	3	Ci	12.0	17	42	04
	62405	LUXOR	340	7	30	02	1	4	Ci	12.9	17	56	08
	62414	ASWAN	290	6	50	03	1	6	Ci	11.9	19	24	-2
OASES	62417	SIWA	270	16	15	00	0	0	—	11.1	16	59	08
	62420	BAHARIYA	270	4	40	01	1	3	Ci, Cs	10.7	18	40	04
	62423	FARAFRA											
	62432	DAKHLA	290	16	18	00	1	3	Fs, Fc		17	34	01
	62435	KHARGA	340	3	15	01	1	3	Ci	14.0	18	40	04
RED SEA	62450	SUEZ	220	10	35	03	0	5	Cu	7.4	18	28	-1
	62459	TOR	340	10	15	00	0	0	—	9.0	18	52	08
	62462	HURGHADA	290	15		03	1	3	Ci	9.8	20	33	03
	62465	QUSEIR	270	9	15	01	2	5	Cs, Ci	9.8	22	57	13
	62641	PORT SUDAN	120	13	10	01	2	6	Cu, Cs	5.8	28	74	23
NORTH SUDAN	62600	WADI HALFA	360	15	7	07	2	8	Cs	11.3	19	28	00
	62640	ABU HAMAD	360	9	30	03	1	4	Ci	6.5			-1
	62660	KAREIMA	20	11	30	01	1	4	Ci	8.6	28	41	-2
	62680	'ATBARA	00	0	30	03	1	3	Ci	4.8	33	14	02
	62721	KHARTUM	300	5	30	03	1	2	Ac	4.4	35	13	03
	62730	KASSALA	180	2	35	01	1	4	Ci	3.8	35	9	-2
CENTRAL SUDAN	62751	WAD MEDANI	310	2	35	00	0	Tr.	Cu	3.4	36	15	06
	62801	RENK	50	5	50	00	0	0	—		36	44	22
	62802	ROSEIRES	360	5	35	00	0	0	—		38	21	12
	62771	EL OBEID	20	3	30	00	0	0	—	2.9	35	13	03
	62760	EL FASHER	50	5	30	01	1	3	Ci		32	15	02
	62770	GENEINA	50	3	11			0	—	7.5	28	8	-9
S SUDAN	62840	MALAKAL	250	3	30	01	1	3	Cu, Ac	2.6	37	24	13
	62880	WAU	130	3	30	00	0	1	Cu	1.5	39	21	13
	62941	JUBA	20	2	30	02	2	8	Cu, Cs	1.9	37	19	10

At 1800 on Sunday 16th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms.
62300	SALUM	250	10	7	02	5	5	Fs, Fc, Ac	5.4	13	67	07	Dr.
62303	SIDI BARANI	270	27	35	02	6	8	Sc	4.2	7	71	02	2
62306	MATRUH	270	19	2	07	2	5	Cb	4.7	13	67	07	0
62309	EL DABA	140	26		05	3	0	—	4.5	15	48	04	0
	ALEXANDRIA	220	17	3	03	2	7	Cb, Cu	5.5	13	55	04	0
62318	FOUAD (Airport)	250	24	15	03	1	3	Cs, Cu	5.7	13	67	07	0
62330	DAMIETTA	200	9	0.8	03	2	7	St	6.0	12	77	08	0
62333	PORT SA'ID	230	20	5	07	1	2	Sc	7.0	14	59	05	0
62336	EL 'ARISH	130	41	3	06	3	8	Cu	7.4	12	55	03	0
62339	DAMANHUR	310	22	7	01	3	0	—	6.4	13	67	07	0
62342	MANSURA	220	9	3	00	3	0	—	7.4	12	63	05	0
62348	TANTA	220	16	35	01	2	3	Cu	8.4	13	55	04	0
62354	ZAGAZIG	270	2	15	00	0	0	—	8.6	13	55	04	0
62441	ISMA'ILIA	250	8	7	02	2	7	Sc	9.3	13	44	01	0
62366	FAROUK (Airport)	250	22	8	02	1	0	—	9.5	13	51	03	0
62372	ALMAZA	230	18	8	03	1	1	Sc	9.3	13	44	01	0
	EZBEKIYA	180	1	15	00	0	0	—	9.6	13	55	04	0
	GIZA	180	1	15	00	0	0	—	10.4	12	55	03	0
62378	HELWAN	180	9	7	01	0	1	Sc	10.3	12	55	03	0
62381	FAIYUM	00	0				0	—	10.4	12	55	03	0
62387	MINYA	240	6	8	00	0	0	—	12.7	10	47	-1	0
62393	ASYUT MANQABAT	290	9	16	03	1	1	Cu	12.7	12	37	02	0
62399	NAG' HAMMADI	280	0	35	00	0	0	—	13.0	9	88	07	0
62402	QENA	270	5	7	01	1	2	Ci	14.2	11	77	07	0
62405	LUXOR	00	0	12	00	0	0	—	14.0	12	59	04	0
62414	ASWAN	00	0	50	00	0	3	Ci	14.6	16	30	-2	0
62417	SIWA	270	13	7	00	0	0	—	10.8	15	48	04	0
62420	BAHARIYA	220	3	18	00	1	0	—	11.9	12	47	01	0
62423	FARAFRA												
62432	DAKHLA	40	3	35	00	0	0	—			65	-3	0
62435	KHARGA	00	0	7	00	0	0	—	15.8	12	51	02	0
62450	SUEZ	00	0	15	01	0	0	—	9.3	15	48	04	0
62459	TOR	340	9	15	00	0	0	—	12.3	17	52	07	0
62462	HURGHADA	280	8	20	00	1	0	—	12.9	15	42	02	0
62465	QUSEIR	330	9	15	02	1	0	—		17	77	13	0
62641	PORT SUDAN												
62600	WADI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	'ATBARA												
62721	KHARTUM												
62730	KASSALA												
62751	WAD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID												
62760	EL FASHER												
62770	GENEINA												
62840	MALAKAL												
62880	WAU												
62941	JUBA												

At 0600 on Monday 17th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	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	270	13	7	02	2	5	Ac, Ci	9.8		10	17		6		62	03	Dr.		
62303	SIDI BARANI	270	9	35	02	6	8	Sc, Ac	9.1		9	16		7		88	07	7	193	
62306	MATRUH	310	17	13	00	2	7	Sc	8.5		8	17		8		88	06	1	122	
62309	EL DABA	200	26	0.8	01	1	3	Cu	9.5		10	20?		7		62	03	0	94	
	ALEXANDRIA	220	24	50	02	2	7	Cb, Cu	7.4	-11.4	12	16	-3	6	-4	77	08	Dr.	141	123
62318	FOUAD (Airport)	250	14	18	03	1	5	Cu, Ac	7.4		12	17		11		67	06	0	120	90
62330	DAMIETTA	200	19	1.5	05	0	0	—	7.5	-10.3	10	16		6		76	06	0	59	56
62333	PORT SA'ID	230	29	8	05	0	0	—	8.0		11	16		10		71	06	0	17	
62336	EL 'ARISH	270	36	7	05	3	8	Cb, Cu	7.4	-11.0	15	20	+1	9	+2	48	04	0	32	43
62339	DAMANHUR	270	19	7	02	0	0	—	6.2	-10.4	10	16	-4	9	+2	28	08	0	26	50
62342	MANSURA	220	9	35	00	0	0	—	5.6	-9.6	10	17	-3	10	+3	76	06	4	12	23
62348	TANTA	220	29	35	02	1	2	Cu	10.3	-8.8	10	16	-6	8	+2	6[illegible]	03	0	9	19
62354	ZAGAZIG	220		15	00	0	0	—	10.2	-8.8	10	16	-4			62	03	0	3	13
62441	ISMA'ILIA	220	19	3	02	0	0	—	11.1		12	16		10		55	03	0	5	
62366	FAROUK (Airport)	230	21	6	00	0	1	Ci	10.9		9	17				71	04	0	Dr.	
62372	ALMAZA	290	18	12	00	0	0	—	10.7		9	17		8		62	02	0	2	
	EZBEKIYA	220	4	15	03	0	1	Ac	11.5	-7.6	9	17	-3	8	0	71	04	0	6	12
	GIZA	220	4	15	03	0	1	Ac	11.8	-7.5	10	18	-1	8	-3	58	04	0	12	13
62378	HELWAN	160	13	7	03	0	1	Ci	12.2	-7.4	8	16	-2	7	-1	71	03	0	6	12
62381	FAIYUM	240	18	15	03	1	6	St, Fs	13.0	-6.3	11	18	-3	7	+1	51	01	0	tr.	4
62387	MINYA	150	9	10	10	0	0	—	14.9		9	19		6		47	-2	0	4	
62393	ASYUT MANQABAT	270	9	30	00	0	0	—	14.1		10	18		8		58	03	0	0	
62399	NAG' HAMMADI	00	0	35	00	0	0	—	11.1	-2.4	10	19		4		50	06	0	0	
62402	QENA	90	2	15	00	0	0	—	17.8	-1.3	9	18	-5	3	-4	88	07	0	Dr.	
62405	LUXOR	00	0	15	00	0	0	—	17.1		10	18		4		67	04	0	Dr.	
62414	ASWAN	360	2	50	01	1	6	Ci	16.8	-2.2	13	20	-3	9	-1	48	02	0	Dr.	
62417	SIWA	290	9	15	00	0	0	—	13.8	-6.9	11	17	-3	9	+5	67	05	0	0	5
62420	BAHARIYA	220	3	18	01	1	4	Ac	13.4	-6.8	10	17	-3	8	+3	44	-2	0	Dr.	5
62423	FARAFRA	220	9	16	00	0	0	—	15.9		10			4		50	0	0	Dr.	
62432	DAKHLA	40	3	35	00	0	0	—			3			1	-4	65	-3	0	Dr.	
62435	KHARGA	00	0	35	00	0	0	—	18.3	-1.3	7	20	-2	2	-4	71	02	0	0	
62450	SUEZ	180	13	15	00	0	3	Sc, Cu	16.2	-2.4	14	19	-1	12	+3	48	03	0	12	10
62459	TOR	20	3	15	00	0	0	—	15.1	-2.9	11	18	-3	8	-1	77	07	0	0	8
62462	HURGHADA	290	9	30	00	0	0	—	15.0		13	20				63	06	0	Dr.	
62465	QUSEIR	270	9	15	00	1	3	As	15.0	-2.2	13	23	0	12	-2	55	04	0	0	4
62641	PORT SUDAN																		34	87
62600	WADI HALFA	50	2	35	00	0	0	—	12.2		16			14		42	03	0	tr	
62640	ABU HAMAD																			
62660	KAREIMA	20	9	30	01	1	5	Ci	14.3		13	29		11		44	01	0	3	1
62680	'ATBARA	340	13	10	03	1	4	Ci	12.2		16	34		15		30	-2	0	7	2
62721	KHARTUM	340	9	10	00	1	2	Ci	12.2		17	37		15		32	0	0	10	4
62730	KASSALA	00	0	30	01	0	3	Ci	12.8		20	37		18		43	7	0	2	8
62751	WAD MEDANI	60	9	50	00	0	3	Ci	10.3		18	37		12		24	-3	0	11	12
62801	RENK	50	5	50	00	0	0	—	12.7		24	37		16		47	12?	0	0	49
62802	ROSEIRES	340	5	35	00	0	0	—			21	39		17		47	9	0	2	36
62771	EL OBEID	340	6	30	00	0	0	—	12.9		15	37		13		36	0	0	0	16
62760	EL FASHER	20	9	7	05	0	4	Ci	14.5		13	33		12		38	-1	0	0	6
62770	GENEINA	50	7	10	00	0	1	Ci	14.6		12	30		10		26	-7	0		4
62840	MALAKAL																		69	88
62880	WAU	00	0	30	02	1	0	—	6.4			39				55	17	0	261	144
62941	JUBA																		129	145

HUMIDITY

Mean % of day

Station	on 16th	Diff. from normal
Alexandria	60	-6
Ezbekiya	47	-21
Giza	44	-29
Helwan	48	-10

GIZA

GRASS MINIMUM TEMP.

ON 17th 5.2 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

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

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

Remarks

RAWINSONDE

On 17th At 3 AIRPORT

Pressure mbs.	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	70	10	58	240	24
950					
900					
850	1405	1	64	250	47
800					
700	2948	-4		250	51
600					
500	5527	-19		250	30
400					
300	10102	-48			

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

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

UPPER WIND OBSERVATIONS on 17th

Station	Minya																											
Time	14 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.	Dir.	Vel.
300							260	20																				
600							260	17																				
1000							250	16																				
1500							250	19																				
2000							260	20																				
3000																												
4000																												
5000																												
6000																												
7000																												
8000																												

UPPER WIND OBSERVATIONS on .....

Station	Sidi Barani		Matruh		Fouad Airport		Port Sa'id		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		Farouk Ap.	
Time	5										7 15		3						5		9			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	280	17									200	14	260	12					340	6	310	8	240	30
600	290	17									230	36	270	13					340	15	270	9	240	35
1000	310	16									240	30	260	13					340	17	270	13	240	39
1500											230	44	260	13					260	4	240	12	250	47
2000											240	38							240	6	250	25	250	51
3000											Ent. Sc												250	54
4000																								
5000																							250	80
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El 'Obeid		El Fasher		Malakal	
Time	5		5		5		6 15						5								5		4 15	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	300	23	260	26	280	8	230	5																
600	300	27	260	32	280	18	280	10																
1000	290	26	280	41	290	25	300	14					30	19							60	13	60	15
1500	290	34	270	42	300	15	310	9					360	18							60	16	100	10
2000	280	43	270	45			250	18					340	13							50	4	70	7
3000							240	23					320	24							210	15	80	9
4000																					200	16	30	18
5000																					200	19		
6000																					180	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.

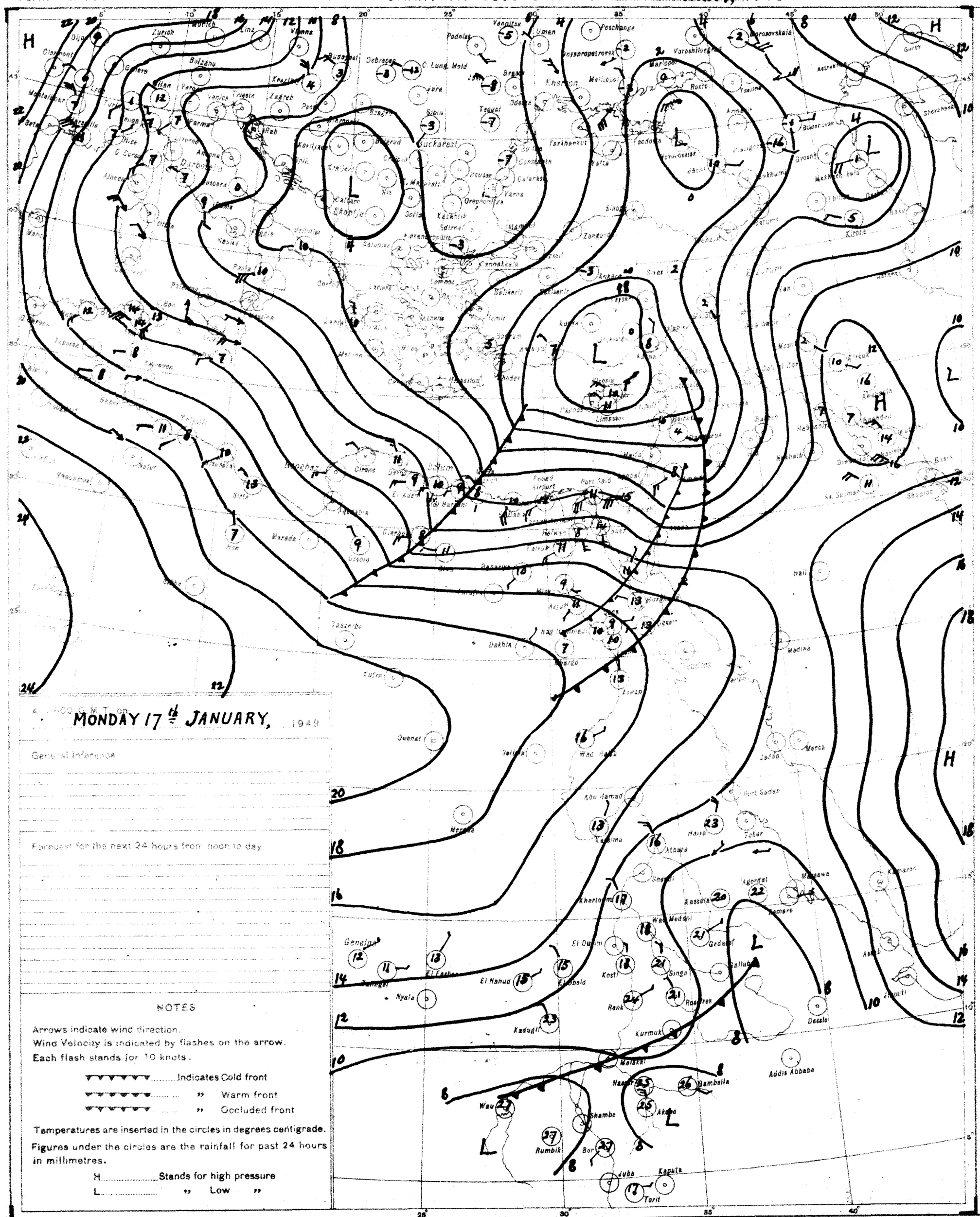
K. N.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 17th JANUARY, 1949


Zurich
Munich
Linz
Vienna
Bolzano
Milan
Venice
Trieste
Zagreb
Rome
Nice
Marseille
Bucharest
Constanta
Sofia
Athens
Istanbul
Ankara
Sivas
Tiflis
Kharkov
Odessa
Kiev
Rostov
Tashkent
Alexandria
Port Said
Cairo
Khartoum
Asmara
Addis Ababa
Nairobi
Kampala
Mogadishu
Aden
Jeddah
Wadi Halfa
Atbara
Kassala
Gedaref
Wau
Juba
Kaputa
Torit
Rumbik
Bor
Shambe
Akobo
Gambeila
Malakal
Kurmuk
Kadugli
Nyala
El Fasher
El Obeid
El Nahud
Kosti
Singa
Rank
Roseires
Geneina
Dessie
Djibouti
Massawa
Tokar
Port Sudan
Mersa
Medina
Tabuk
Dakhla
Kufra
Tripoli
Benghazi
Cairo
Khartoum
Asmara
Addis Ababa
Gambeila
Akobo
Wau
Juba
Kaputa
Torit
Rumbik
Bor
Shambe

CAIRO
Time of Sunrise 04 51 G.M.T.
" " Sunset 15 20 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: Tuesday 18th January, 1949

At 1200 on Monday 17th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	320	09	7	03	5	6	Fs, Fc	13.7	14	55	05
	62303	SIDI BARÂNI	270	08	50	01	6	7	Sc, Ac	11.9	12	77	08
	62306	MATRÛH	310	18	2	53	5	7	St	11.5	11	82	08
	62309	EL DABÂ	320	26		03	2	5	Cu	10.7	14	55	05
		ALEXANDRIA	240	10	35	03	6	8	Cb, Cu	11.5	13	67	07
	62318	FOUAD (Airport)	290	09	12	81	2	7	Cu, Sc	10.8	12	82	09
	62330	DAMIETTA	220	19	15	03	2	8	Cu, Sc	10.3	15	48	04
	62333	PORT SAÏD	270	25	7	07	0	6	Ci, Cs	10.4	15	48	04
	62336	EL 'ARISH	220	47	3	04	3	7	Cb, Cu		18	37	03
Lower Egypt	62339	DAMANHUR	310	13	3	62	6	7	Cb, Cu	11.0	13	77	09
	62342	MANSURA	220	13	35	31	3	5	Ac	10.7	16	59	05
	62345	TANTA	220	22	35	03	1	4	Cu	10.9	16	42	03
	62354	ZAGAZIG	220	05	15	00	0	0	Ac	11.4	16	49	05
	62441	ISMAÏLIA		19	12	02	2	2	As	11.4	16	42	03
Cairo Area	62366	FAROUK (Airport)	270	24	6	05	2	6	Sc, Ci	11.3	16	49	05
	62372	ALMAZA	260	17	10	03	0	7	Fc, Fs	11.9	16	42	03
		EZBEKIYA	250	13	15	02	2	8	As, Ac	12.2	16	42	03
		GÎZA	250	13	15	02	2	8	As, Ac	12.8	16	42	03
	62375	HELWÂN	230	16	15	03	5	8	Cb, Ac	12.8	15	48	04
Upper Egypt	62381	FAIYÛM	270	11	7	07	3	8	St	11.4	17	34	01
	62387	MINYA	260	12	10	00	0	4	Sc	14.2	19	28	00
	62393	ASYÛT MANQABAD	320	05	30	01	0	1	Cu	14.3	19	32	02
	62399	NAG' HAMMADI	360	01	35	00	0	0	—	14.6	19	37	04
	62402	QENA	270	05	35	00	0	0	—	15.2	18	37	03
	62405	LUXOR	360	03	30	03	0	2	Cc	14.9	19	49	08
	62414	ASWÂN	20	05	50	03	2	6	Ci	15.4	17	28	-2
Oases	62417	SÎWA	270	06	15	00	0	0	—	15.0	15	59	07
	62420	BAHARÎYA	270	05	30	03	2	8	Ac	13.6	16	36	01
	62423	FARAFRA											
	62432	DAKHLA	290	06	35	00	0	0	—		17	26	-3
	62435	KHARGA	00	0	35	00	0	0	—	16.8	19	30	01
Red Sea	62450	SUEZ	00	0	35	03	0	3	Sc, Cu	11.0	18	37	03
	62459	TÛR	310	02	15	00	1	0	—	14.3	19	49	08
	62462	HURGHÂDA	270	06	70	00	0	0	—	14.3	20	30	02
	62465	QUSEIR	270	13	15	01	1	3	Cs, Ci	14.7	21	65	14
	62641	PORT SUDÂN											
North Sudan	62600	WÂDI HALFA											
	62640	ABU HAMAD											
	62660	KAREIMA	360	7	30	01	1	4	Ci	11	25	25	-3
	62680	ATBARA	360	13	—	07	1	0	—	8.0	28	28	0
	62721	KHARTUM											
	62730	KASSALA											
Central Sudan	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES	310	5	15	00	0	0	—		39	20	12
	62771	EL OBEID	330	10	30	00	0	0	—	6.9	37	8	-2
	62760	EL FASHER											
	62770	GENEINA	70	10	10	01	1			9.3	25	11	-8
S. Sudan	62840	MALAKÂL											
	62880	WÂU	70	10	30	02	5	7	Ci, Cs	11.1	38	25	15
	62941	JUBA											

At 1800 on Monday 17th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	220	06	7	02	2	5	Fs, Ac	13.0	12	55	03	R
SIDI BARÂNI	200	08	35	03	6	8	Cu, Ac	13.5	9	88	07	3
MATRÛH	270	09	12	01	1	3	Sc	14.3	8	88	06	1
EL DABÂ	320	33		03	2	5	Cu		13	55	04	0
ALEXANDRIA	180	05		03	6	6	Sc, Cu	14.4	11	77	07	3
FOUAD (Airport)	230	04	15	80	8	8	Cu, Sc, Ac	13.7	10	95	10	2
DAMIETTA	220	05		01	1	2	Cu	13.9	10	88	08	Dr.
PORT SAÏD	250	08	15	01	6	2	Sc	14.1	12	77	10	0
EL 'ARISH	230	24	7	03	2	7	Sc		10	32	-6	0
DAMANHÛR	310	09	3	02	6	6	Cu	13.9	10	88	08	1
MANSÛRA	270	05	3	00	1	0	—	14.7	9	88	07	0
TANTA	220	05	35	01	0	0	—	15.9	9	71	04	0
ZAGAZIG	220	02	15	00	0	0	—	12.1	10	62	03	0
ISMAÏLIA	110	02	3	03	2	2	As	15.2	13	44	01	0
FAROUK (Airport)	270	04	12	00	0	0	—	14.8	12	55	03	0
ALMÁZA	250	10	13	01	1	0	—	15.1	12	44	00	0
EZBEKIYA	270	07	15	00	0	0	—	15.2	12	44	00	0
GÎZA	270	07	15	00	0	0	—	15.1	11	47	00	0
HELWÂN	250	04	15	02	2	7	Cu, Cb	15.5	12	44	00	Dr.
FAIYÛM	00	00	35	01	1	6	St	15.4	13	44	01	0
MINYA	300	04	8	61	6	8	Sc	16.3	15	45	03	Dr.
ASYÛT MANQABAD												
NAG' HAMMADI	00	00	35	00	0	0	—	16.7	9	62	02	0
QENA	270	05	7	00	0	0	—	17.1	11	63	04	0
LUXOR	00	00	12	00	0	0	—	17.2	12	51	02	0
ASWÂN	00	00	50	00	0	0	—	17.6	14	36	-1	0
SÎWA	270		7	00	0	0	—		12	63	05	0
BAHARÎYA	270	05	30	03	2	8	Ac	13.6		36	01	0
FARAFRA	220	02	5	03	3	7	As	18.2	13	44	01	0
DAKHLA	270	03	35	00	0	0	—	16.8	11	51	01	0
KHARGA	00	0	15	00	0	0	—	17.0	11	41	-2	0
SUEZ	00	01	15	01	0	3	Sc, Cu	14.8	16	42	03	0
TÛR	20	03	15	00	0	0	—	15.5	14	77	10	0
HURGHÂDA	160	05	30	01	0	0	—	16.3	12	59	04	0
QUSEIR	310	13	15	00	0	0	—	15.9	17	52	07	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTUM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Tuesday 18th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	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	270	14	7	02	2	5	Fs, Fc	9.9		12	15		8		77	08	0		
SIDI BARÂNI	220	22	35	01	5	6	Ac, Sc	7.2		9	13		10		94	08	3	196	
MATRÛH	260	27	14	20	2	7	Sc, Cu	8.7		8	13		2		76	04	1	123	
EL DABÂ	270	26		03	2	6	Cu, As	10.8		10	15		5		62	03	0	94	
ALEXANDRIA	200	9	55	01	2	3	Cu, Sc	13.0	-5.7	9	14	-4	8	-2	62	02	3	144	125
FOUAD (Airport)	280	9	18	03	0	2	Ac	13.0		8	15		7		66	02	2	122	92
DAMIETTA	200	9		01	1	3	Sc	14.3	-3.5	7	16		2		71	02	Dr.	59	57
PORT SAÏD	220	16	18	02	0	0	—	14.7		10	16		8		58	02	0	17	
EL 'ARISH	180	18	7	03	1	7	Sc	15.4	-2.9	12	20	+1	9	+2	65	03	0	32	44
DAMANHÛR	270	13	7	01	1	3	Ac	14.7	-3.8	7	17	-3	4	-3	71	02	1	27	51
MANSÛRA	180	05	35	00	0	0	—	14.4	-3.8	5	17	-3	3	-4	81	02	0	12	24
TANTA	200	05	35	02	0	0	—	15.8	-3.3	6	17	-3	3	-3	71	01	0	9	19
ZAGAZIG	220	02	15	00	0	0	—	15.8	-3.2	7	17	-3	5	-1	71	02	0	3	13
ISMAÏLIA	220	05	15	02	0	0	—	15.4		11	19		8		67	05	0	5	
FAROUK (Airport)	170	12	12	00	0	0	—	15.2		8	16		6		58	00	0	Dr.	
ALMÁZA	160	13	14	00	0	0	—	15.3	-3.8	8	17		6		55	-2	0	2	
EZBEKIYA	180	04	15	00	0	0	—	16.0	-3.1	8	16	-4	6	-2	58	00	0	6	12
GÎZA	180	04	15	00	0	0	—	16.2	-3.0	8	18	-1	5	0	62	01	0	12	13
HELWÂN	140	06	7	02	0	0	—	16.7	-2.8	7	16	-2	5	-3	57	-1	Dr.	6	13
FAIYÛM	200	08	35	01	0	0	—	17.5	-1.8	7	18	-3	5	-1	57	-1	0	Tr.	4
MINYA	180	03	8	00	2	0	—	18.3		7	20		5		53	-2	Dr.	4	
ASYÛT MANQABAD	00	00	30	00	0	2	Cc	18.4	-1.0	10	19		5	+1	58	02	0	0	
NAG' HAMMADI	00	0	35	00	0	0	—	18.6	-0.9	6	20		3		53	-2	0	0	
QENA	130	02	15	00	0	0	—	20.2	+1.2	7	19	-4	2	-5	71	02	0	Dr.	
LUXOR	00	0	16	00	0	0	—	19.3		8	20		3		62	01	0	Dr.	
ASWÂN	00	0	50	01	0	3	Ci	19.8	+0.9	13	19	-4	10	0	59	05	0	Dr.	
SÎWA	250	15	15	00	0	0	—	11.8	-8.8	11	16	-4	6	+2	77	07	0	0	5
BAHARÎYA	270	02	18	00	0	0	—	18.0	-2.2	6	16	-4	2	-3	57	-2	0	Dr.	5
FARAFRA	220	06	16	00	0	0	—	19.4		8	17		3		58	0	0	Dr.	
DAKHLA	00	0	35	00	0	0	—	19.4	-1.0	6			2	-3	57	-2	0	Dr.	
KHARGA	00	0	30	00	0	0	—	20.6	+1.1	7	21	-2	2	-4	71	2	0	0	
SUEZ	00	0	15	00	2	6	Ac	14.8	-3.7	14	19	-1	11	-2	55	05	0	12	10
TÛR	00	02	15	Cu	0	8	Ci	17.2	-0.8	12	21	0			55	03	0	0	8
HURGHÂDA	40	04		00	0	0	—	17.1		11	21		6		51	01	0	Dr.	
QUSEIR	270	13	15	02	0	0	—	16.8	-0.9	15	21	-2	12	-2	30	-3	0	0	4
PORT SUDÂN																		34	88
WÂDI HALFA																		Tr.	
ABU HAMAD																			
KAREIMA																		3	1
ATBARA																		7	2
KHARTUM																		10	4
KASSALA																		2	8
WÂD MEDANI																		11	12
RENK																		0	49
ROSEIRES																		2	36
EL OBEID																		0	16
EL FASHER																		0	6
GENEINA																			4
MALAKÂL																		69	88
WÂU																		261	144
JUBA																		129	145

UPPER AIR OBSERVATIONS

Aeroplane Ascent

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

Remarks

RAWINSONDE

On 18 At 4 AIRPORT	Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
	1000	119	7	62	180	9
	950					
	900					
	850	1446	0	64	230	23
	800					
	700	2979	-3		250	39
	600					
	500	5558	-20		260	43
	400					
	300	10148	-43		10	79

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

Humidity % Mean of day	On 17th	Diff. from normal
Alexandria	67	+1
Ezbekiya	52	-16
Giza	45	-28
Helwân	52	-6

GÎZA
GRASS MINIMUM TEMP. ON 18th -0.8 °C.

UPPER WIND OBSERVATIONS on 17 January 1949

Height m.	Fouad Airport Dir.	Vel.	Port Said 15 Dir.	Vel.	Minya 15 Dir.	Vel.	Matruh 14 15 Dir.	Vel.	Almaza 14 15 Dir.	Vel.
300	340	12	280	20	260	27	270	12	260	20
600	340	12	250	22	250	21	330	16	260	15
1000	350	14	240	29	260	20	330	13	250	16
1500	360	22	230	33	260	18	330	20	230	21
2000							340	13		
3000										
4000										
5000										
6000										
7000										
8000										

UPPER WIND OBSERVATIONS on 18th

Height m.	Sidi Barâni 5 Dir.	Vel.	Matrûh Dir.	Vel.	Fouad Airport 3 Dir.	Vel.	Port Said 4 Dir.	Vel.	El 'Arish Dir.	Vel.	Helwân 6 45 Dir.	Vel.	Minya 3 Dir.	Vel.	Asyût Manqabad Dir.	Vel.	Luxor Dir.	Vel.	Aswân 5 Dir.	Vel.	Hurghada 9 Dir.	Vel.	Farouk 4 Dir.	Vel.
300	300	38			250	15	220	31			230	14	260	11					60	2	240	16	210	17
600	290	39			250	16	230	23			230	21	260	18					360	8	240	18	230	23
1000					240	16	240	26			230	24	250	17					350	10	240	30	230	26
1500					240	26	240	24			240	31	250	30					310	6	240	32	230	23
2000					230	30					240	33	230	32					230	13			240	31
3000					210	26					250	28											250	39
4000											240	27												
5000																							250	52
6000																								
7000																								
8000																								

Height m.	Siwa 5 Dir.	Vel.	Baharîya 5 Dir.	Vel.	Dakhla 5 Dir.	Vel.	Kharga 6 15 Dir.	Vel.	Wâdi Halfa 8 Dir.	Vel.	Abû Hamad Dir.	Vel.	Kareima 8 Dir.	Vel.	Khartûm 8 15 Dir.	Vel.	Kassala 8 Dir.	Vel.	El Obeid 8 Dir.	Vel.	El Fâsher 8 Dir.	Vel.	Malakâl 8 Dir.	Vel.
300	250	47	230	23	290	6	360	4																
600	260	53	240	36	280	7	320	8																
1000	270	48	260	47	280	13	270	18	10	15			10	21	10	15	80	4	30	18	30	8	30	13
1500	280	44	260	43	270	21			350	9			290	11	20	12	70	14	100	9	10	6	50	17
2000			260	32	290	24			300	7					20	13	360	24	150	8	30	7	130	7
3000			270	47					260	25					40	7	340	13			210	12	40	13
4000									280	19					30	9	320	13			110	6	70	11
5000																								
6000																								
7000																								
8000																								

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

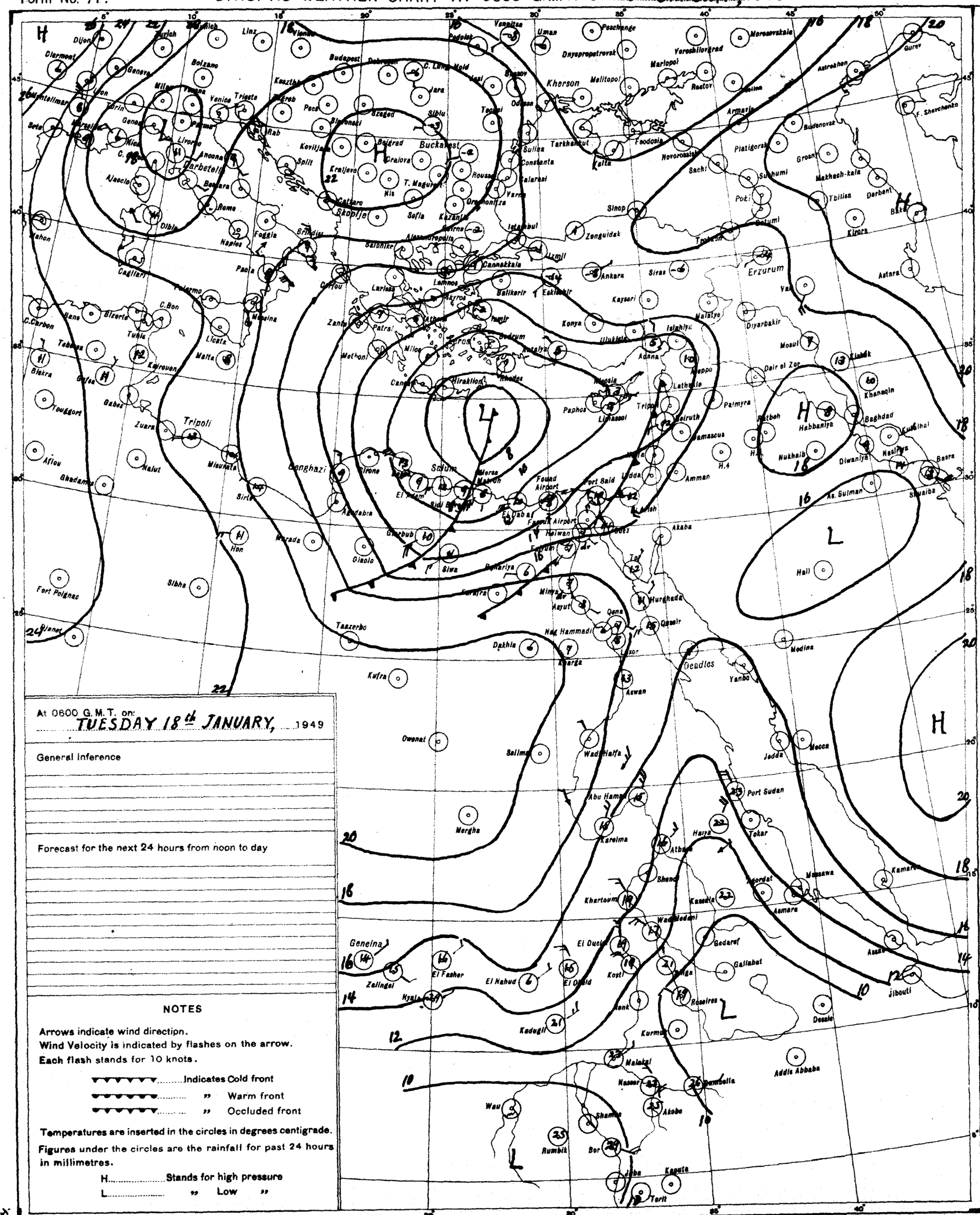
K. N.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 18th JANUARY, 1949


Dijon
Zurich
Munich
Linz
Vienna
Clermont
Geneva
Bolzano
Budapest
Debrecen
Kosztheley
Miskolc
Pecs
Szeged
Sibiu
Iasi
Jassy
Odessa
Kherson
Melitopol
Mariopol
Rostov
Voroshilovgrad
Dnyepropetrovsk
Peschange
Uman
Vinnitsa
Moscovskaia
Astrakhan
Gurev
F. Shevchenko
Montelimar
Lyon
Turin
Genoa
Milan
Venice
Trieste
Zagreb
Rab
Split
Kraljevo
Belgrad
Craiova
Buckarest
Constanta
Tarkhankut
Kalta
Feodosia
Novorossiysk
Sochi
Armavir
Budenovsk
Piatigorsk
Groznyi
Makhach-kala
Tbilisi
Derbent
Baku
Kirova
Sukhumi
Poti
Batumi
Trebizon
Sinop
Zonguldak
Istanbul
Izmit
Ankara
Siras
Erzurum
Astara
Nice
C. Ferrat
Livorno
Ancona
Barbetelle
Ajaccio
Bastia
Rome
Dibla
Mahon
Naples
Foggia
Brindisi
Paola
Cagliari
Palermo
Messina
Catania
Malta
Tunis
Bizerta
Bone
C. Bon
C. Carbon
Tebessa
Biskra
Kairouan
Gafsa
Gabes
Touggort
Zuara
Tripoli
Nalut
Misurata
Sirte
Benghazi
Tobruk
Derna
Agedabia
Giarabub
Merada
Giaolo
Hon
Sibha
Fort Polignac
Tamanrasset
Taazerbo
Kufra
Owenat
Salima
Mergha
Wadi Halfa
Abu Hamed
Kareima
Atbara
Port Sudan
Tokar
Massawa
Kamaran
Asmara
Assab
Jibouti
Dessie
Addis Abbaba
Akobo
Bambella
Nasser
Malakal
Kurmuk
Roseires
Gallabat
Gedaref
Kassala
Khartoum
Shendi
Wad Medani
Kosti
Renk
Bor
Rumbik
Wau
Shambe
Juba
Kapoeta
Torit
Geneina
Zalingei
Nyala
El Fasher
El Nahud
El Obeid
Kadugli
El Ducim
Aswan
Wadi Halfa
Dakhla
Kharga
Nag Hammadi
Asyut
Minya
Qena
Luxor
Hurghada
Qoseir
Deadles
Yanbo
Medina
Mecca
Jedda
Khanaqin
Baghdad
Kut el Hai
Basra
Shuaiba
Ras Sulman
Nukhaib
Diwaniya
Nasiriya
Habbaniya
Rutbeh
Mosul
Kirkuk
Diyarbakir
Dair el Zor
Palmyra
Aleppo
Latakia
Beirut
Damascus
Amman
Akaba
Tor
Hail
Tripoli
Beirut
Nicosia
Paphos
Limassol
Famagusta
Larnaca
Rhodes
Iraklion
Canea
Milos
Methoni
Patras
Zante
Corfu
Lamnos
Skyros
Salonika
Skopije
Sofia
Kazanlik
Varna
Sulina
Galatsi
Rousse
Orsahonitza
T. Magurele
Nis
Cattaro
Split
Kosztheley
Szeged
Pecs
Budapest
Debrecen
Miskolc
Iasi
Jassy
Sibiu
Craiova
Belgrad
Bizerta
Tunis
Malta
Messina
Palermo
Naples
Brindisi
Foggia
Ancona
Livorno
Genoa
Milan
Venice
Trieste
Zagreb
Rab
Kosztheley
Pecs
Szeged
Sibiu
Iasi
Jassy
Odessa
Kherson
Melitopol
Mariopol
Rostov
Voroshilovgrad
Dnyepropetrovsk
Peschange
Uman
Vinnitsa
Moscovskaia
Astrakhan
Gurev
F. Shevchenko
Budenovsk
Groznyi
Makhach-kala
Tbilisi
Derbent
Baku
Kirova
Astara
Sukhumi
Poti
Batumi
Trebizon
Sinop
Zonguidak
Istanbul
Izmit
Ankara
Siras
Erzurum
Van
Kayseri
Konya
Iskhiya
Diyarbakir
Mosul
Kirkuk
Dair el Zor
Palmyra
Aleppo
Latakia
Beirut
Damascus
Amman
Akaba
Tor
Hail

CAIRO

Time of Sunrise 04 51 G. M. T.

" " Sunset 15 21 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: WEDNESDAY 19th JANUARY, 1949

At 1200 on TUESDAY 18th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	320	19	7	02		4	Fs,Sc,Ac	13.9	15	39	01
	62303	SIDI BARÂNI	290	22	35	02	5	7	Cu.	12.6	13	67	07
	62306	MATRÛH	350	24	8	21	6	7	Fc,Fc.	10.5	11	88	09
	62309	EL DABA	270	23		03	5	5	Cu.	9.9	12	88	10
		ALEXANDRIA	180	22	50	02	5	8	Sc,Cb	8.0	14	67	08
	62318	FOUAD (Airport)	250	16	15	03	2	8	Cu,Sc.	9.3	13	67	07
	62330	DAMIETTA	220	19	7	03	2	7	Cu,Sc.	10.2	15	48	04
	62333	PORT SA'ID	220	24	10	03	1	5	Sc.	12.3	15	39	01
	62336	EL 'ARISH	270	36	7	05	2	6	Sc,Cu.	13.1	18	28	-1
Lower Egypt	62339	DAMANHUR	270	30	1.5	25	8	4	Ac.	11.0	11	88	9
	62342	MANSURA	220	19	15	31	3	8	Fs,Fc	10.6	15	48	4
	62345	TANTA	220	27	1.5	03	2	8	St.	12.2	15	48	4
	62354	ZAGAZIG	220	30	5	09	3	0	—	12.7	16	36	1
	62441	ISMAILIA	220	13	15	03	2	6	Sc.	13.4	16	32	-1
Cairo	62366	FAROUK (Airport)	300	12	0.5	33	3	3	Cu, Ac	12.1	16	45	4
	62372	ALMAZA	210	20	2	32	3	3	Ac.	12.4	16	34	0
		EZBEKIYA	220	14	15	00	0	1	Sc.	12.7	16	32	-1
		GIZA	220	14	15	00	0	1	Sc.	13.2	17	32	0
	62378	HELWÂN	200	19	1.5	32	3	1	Cu,Sc	13.2	16	32	-1
Upper Egypt	62381	FAIYUM	240	11	7	07	3	4	St	14.4	18	37	3
	62387	MINYA	260	16	10	03	0	1	—	17.0	19	28	0
	62395	ASYUT (Manqabad)	270	13	30	07	0	0	—	16.3	17	32	0
	62399	NAG' HAMMADI	250	03	35	00	0	0	—	16.6	20	33	3
	62402	QENA	270	05	35	02	1	3	Cc.	17.5	18	46	6
	62405	LUXOR	290	11	30	00	0	0	—	16.6	18	30	0
	62414	ASWÂN	360	05	50	01	1	2	Ci	17.1	21	33	4
Oases	62417	SIWA	250	16	15	00	0	0	—	16.2	17	60	9
	62420	BAHARIYA	70	07	30	02	2	7	Ci	15.8	18	32	1
	62423	FARAFRA											
	62432	DAKHLA	320	11	35	00	0	0	—	18.8	17	34	1
	62456	KHARGA	00	0	35	00	0	0	—	18.7	20	35	4
Red Sea	62450	SUEZ	200	08	35	01	0	1	Cu.	13.1	17	34	1
	62459	TÛR	360	02	15	00	0	0	—	14.8	20	46	8
	62462	HURGHADA	04	15		03	0	1	Cu.	15.6	21	33	4
	62465	QUSEIR	310	09	15	02	0	0	—	16.0	22	29	3
	62641	PORT SUDÂN	02	18	30	02	2	8	Sc.	12.9	25	61	17
Upper Sudan	62600	WÂDI HALFA	02	09	30	01	2	7	Ac,Cs	17.0	19	21	-4
	62640	ABU HAMAD	05	13	30	01	1	2	Ac,Cc	12.2	25	19	0
	62660	KAREIMA	360	13	30	01	1	3	Ac.	13.3	24	16	-4
	62680	'ATBARA	360	09	10	03	0	2	Cc.	10.3	28	27	7
	62721	KHARTUM	350	09	30	01	1	1	Ci	10.4	28	19	2
	62730	KASSALA	180	09	30	01	1	5	Cs	5.1	34		
Central Sudan	62751	WÂD MEDANI	360	09	35	02	0	7	Cc.	7.6	32	26	10
	62801	RENK	360	09	50	01	1	4	As.	8.4	31	19	5
	62802	ROSEIRES	310	05	35	00	0	0	—		38	14	6
	62771	EL OBEID	20	10	30	01	1	3	Ac.	10.4	25	7	-14
	62760	EL FÂSHER	70	9	12	02	1	6	Cs		26	16	-2
	62770	GENEINA	20	5	10	01	1	3	Cc		27	14	-3
S. Sudan	62840	MALAKÂL	03	09	30	02	1	7	Cs.	6.3	34	12	1
	62880	WÂU	09	05	10	02	1	5	As.	4.4	36	22	11
	62941	JUBA	00	0	30	03	1	5	Cu.	2.5	38	18	10

At 1800 on TUESDAY 18th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	290	08	7	02	2	3	Fs,Fc	18.2	11	61	1	0
SIDI BARÂNI												
MATRÛH	320	24	7	01	6	3	Cb	15.8	14	67	8	2
EL DABA	320	25		02	2	4	Cu.		11	88	9	6
ALEXANDRIA	310	25		01	5	6	Cb.	14.3	14	55	5	dr.
FOUAD (Airport)	290	23	10	03	2	6	Cu.	12.7	14	63	7	1
DAMIETTA	200	19		03	2	8	Cu,Sc.	10.8	12	63	5	dr.
PORT SA'ID	230	27	4	03	6	4	Sc.	12.2	12	59	4	tr.
EL 'ARISH	220	41	7	09	3	7	Sc,Cu	15.2	16	42	3	0
DAMANHUR	310	30	1.5	03	8	4	Cb	12.7	10	88	8	3
MANSURA	200	13	3	00	2	0	—	12.6	12	63	5	0
TANTA	220	27	50	02	2	0	—	15.2	12	63	5	0
ZAGAZIG	220	30	5	09	3	0	—	13.9	13	55	4	0
ISMAILIA	250	19	3	30	3	5	As.	14.7	14	48	3	0
FAROUK (Airport)	250	22	1	30	3	0	—	14.9	13	55	4	0
ALMAZA	250	19	0.9	30	0	0	—	14.5	13	44	1	dr.
EZBEKIYA	270	09	15	00	0	0	—	16.4	13	44	1	dr.
GIZA	270	09	15	00	0	0	—	16.2	12	47	1	0
HELWÂN	250	12	1.5	30	3	0	—	10.6	12	44	0	0
FAIYUM	270	02	35	02	1	4	St.	17.2	13	55	4	0
MINYA	320	09	8	00	1	0	—	18.4	14	52	4	0
ASYUT (Manqabad)												
NAG' HAMMADI	00	0	35	00	0	0	—	18.0	10	76	6	0
QENA	270	05	7	00	1	0	—	18.6	10	76	6	0
LUXOR	290	01	10	00	0	0	—	19.4	12	44	0	0
ASWÂN	00	0	50	00	0	0	—	18.2	17	42	4	0
SIWA	270	08	7	00	0	0	—	21.2	11	63	4	0
BAHARIYA	310	03	18	00	1	0	—	18.8	14	42	1	0
FARAFRA	310	06	8	00	3	0	—	19.1	11	51	1	0
DAKHLA	320	03	35	00	0	0	—	18.7	11	51	1	0
KHARGA	00	0	15	00	0	0	—	19.1	12	55	3	0
SUEZ	180	06	15	01	0	0	—	15.5	16	42	3	0
TÛR	310	02	15	00	0	0	—	15.0	17	60	9	0
HURGHADA	270	07	50	00	0	0	—	17.9	14	48	3	0
QUSEIR												
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on WEDNESDAY 19th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Temp. Dry Bulb °C	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs. mms	Total From Oct. 1st	Normal From Oct. 1st
SALUM	270	09	7	02	2	4	Fs,Fc,Ac	22.8		10	15		5		82	7	tr.		
SIDI BARÂNI																	R	196	
MATRÛH	290	13	12	02	8	6	Cb.	21.3		8			7		88	6	2	125	
EL DABA	220	26		14	5	6	Cu.	21.2		10	15		10		88	8	R	94	
ALEXANDRIA	270	11	50	02	5	6	Cb.	20.3	+1.6	10	14	-4	9	-1	88	8	1	145	127
FOUAD (Airport)	280	07	18	03	1	3	Sc.	19.4		13	14		12		59	5	1	123	93
DAMIETTA	200	09		01	0	1	Cu.	18.8	+1.0	12	16		5		55	3	3	62	58
PORT SA'ID	270	17	8	01	2	1	Cb.	18.7		11	16		10		71	6	2	19	
EL 'ARISH	220	24	7	05	2	7	Fs,Fc.	15.4	-2.8	11	18	+1	5	-2	77	7	dr.	32	45
DAMANHUR	230	13	3	00	0	0	—	20.2	+1.7	8	15	-5	6	-1	88	6	3	30	52
MANSURA	270	05	35	01	1	4	Sc,Cu.	19.9	+1.8	9	17	-3	7	0	88	7	0	12	24
TANTA	220	02	35	02	0	0	—	21.0	+2.0	7	17	-3	4	-2	95	7	0	9	19
ZAGAZIG	220	02	15	00	0	0	—	20.8	+1.9	7	18	-2	5	-1	87	5	0	3	13
ISMAILIA	250	09	3	00	0	2	Ac.	20.2		10	17		8		62	3	0	5	
FAROUK (Airport)	240	10	4	05	0	2	Ci	20.7		7	16		7		87	8	0	dr.	
ALMAZA	200	14	6	03	0	5	Cb.	21.6	+2.6	8	16		7		71	3	dr.	2	
EZBEKIYA	160	03	15	00	0	0	—	21.9	+2.9	9	17	-3	7	-1	71	4	dr.	6	12
GIZA	160	03	15	00	0	0	—	21.8	+2.7	9	17	-2	6	+1	76	5	dr.	12	13
HELWÂN	160	06	50	03	2	8	Fs,Fc.	22.8	+2.3	7	16	-2	6	-2	87	5	0	6	13
FAIYUM	00	0	35	02	1	4	St.	22.0	+2.8	7	18	-3	4	-2	71	2	0	tr.	4
MINYA	00	0	8	00	0	0	—	23.5		7	19		3		57	-1	0	4	
ASYUT (Manqabad)	270	05	30	00	0	0	—	23.7		8	19		5		62	1	0	0	
NAG' HAMMADI	00	0	35	00	0	0	—	22.9	+3.5	3	21		4		66	2	0	0	
QENA	270	05	15	00	0	0	—			8	19	-4	6	-1	71	3	0	dr.	
LUXOR	00	0	30	00	0	0	—	22.5		10	21	-3	5		58	2	0	dr.	
ASWÂN	00	0	50	00	0	0	—	22.3	+3.4	13	21	-2	7	-3	51	3	0	dr.	
SIWA	250	04	15	00	0	0	—	25.0	+4.4	7	18	-2	3	-1	57	-1	0	0	5
BAHARIYA	220	02	18	00	0	0	—	23.9	+3.8	6			3	-2	66	0	0	dr.	5
FARAFRA	180	01	30	00	0	0	—	26.0		8	19		2		58	0	0	dr.	
DAKHLA	270	03	35	00	0	0	—	23.8	+2.5	6	19	-3	4	-1	71	1	0	dr.	
KHARGA	00	0	35	00	0	0	—	24.4	+4.9	10	21	-1	6	0	62	3	0	0	
SUEZ	00	0	15	00	0	0	—	20.0	+1.5	14	19	-1	10	+1	48	3	0	12	10
TÛR	310	09	15	00	0	0	—	19.6	+1.7	14	22	+1	11	+2	67	8	0	0	8
HURGHADA	280	09	15	06	0	0	—	20.8		12	22		9		55	3	0	dr.	
QUSEIR	270	13	15	02	0	0	—	20.3	+2.7	14	22	-1	13	-1	48	3	0	0	4
PORT SUDÂN	350	13	30	02	2	8	Sc.	16.5		23	25		22		61	15	0	34	88
WÂDI HALFA	360	06	30	01	1	1	Ac.	22.0		8	21		6		58	0	0	tr.	
ABU HAMAD	02	24	10	07	0	0	—	17.5		14	26		12		39	0	0	—	
KAREIMA	02	13	30	00	0	0	—	19.1		14	25		13		32	-3	0	3	1
'ATBARA	340	09		05	1	1	Ac.	16.3		17	29		16		20	-6	0	7	2
KHARTUM	360	13	30	03	1	3	Ac,Cc	15.9		18	29		18		28	-1	0	10	4
KASSALA	00	0	30	00	0	0	—	13.1		21	35		16		83		0	2	8
WÂD MEDANI	360	05	50	00	0	0	—	16.4		16	33		12		34	0	0	11	12
RENK	05	09	50	00	0	0	—	11.4		23	32		15		27	3	0	0	49
ROSEIRES	340	05	35	00	0	0	—			21	39		17		44	8	0	2	36
EL OBEID	350	10	30	02	0	0	—	17.4		16	28		14		26	-4	0	0	16
EL FÂSHER	02	09	30	02	1	7	Cs.	—	—	14	29		12		23	-7	0	0	6
GENEINA	05	10	30	02	1	7	Cs.	—	—	15	29		14		15	-12	0	—	4
MALAKÂL	02	13	30	00	1	3	Ac.	14.4		24	35		20		17	-3	0	69	88
WÂU	330	06	30	00	0	0	—	12.7		23	37		20		27	3	0	261	144
JUBA	340	05	30	00	1	0	—	12.4		27	40		18		40	12	0	129	145

HUMIDITY

Mean of day

Station	on 18th	Diff. from normal
Alexandria	55	-11
Ezbekiya	46	-22
Giza	46	-27
Helwân	47	-1[illegible]

GIZA GRASS MINIMUM TEMP. on 19th 1.2 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On: At

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

Remarks

RAWINSONDE — FAROUK AIRPORT — On 19th At 04

Pressure mbs	Height above M.S.L. Metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	119	7	71	230	10
950					
900					
850	1445	0	75	300	23
800					
700	2988	-3		270	43
600	5655	-17		270	59
500					
400		-28			
300	9287	-43			

RAWINSONDE — AIRPORT — On At

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

UPPER WIND OBSERVATIONS on

Station	MINYA																											
Time	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.	Dir.	Vel.
300									260	24																		
600									260	23																		
1000									260	12																		
1500									260	21																		
2000																												
3000																												
4000																												
5000																												
6000																												
7000																												
8000																												

UPPER WIND OBSERVATIONS on 19th

Station	SIDI BARÂNI		MATRÛH		POUAD AIRPORT		PORT SA'ID		EL 'ARISH		HELWÂN		MINYA		ASYUT MANQABÂD		LUXOR		ASWÂN		HURGHADA		ALMAZA	
Time	05		05		3 30		04				05 50		03						05		04		03 30	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	310	24	290	22	320	10	290	30			190	09	300	15					40	07	330	12	220	10
600	310	28	320	18	310	11	290	33			220	05	320	18					360	22	330		260	12
1000	310	30	320	16	310	12	290	30			290	15	310	15					350	26	300	18	270	11
1500							280	18			300	22	320	15					340	16	310	24	300	15
2000											300	24	310	24					340	13	290	30	290	20
3000																							310	17
4000																								
5000																								
6000																								
7000																								
8000																								

Station	SIWA		BAHARIYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
Time	05		05		05		05		08 15		08		08 15		08		08		08 30		08		08	
Height m.	Dir.	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	280	09	350	09	350	14	10	14			20	18										
600	310	20	310	18	360	11	350	21	20	21	10	21	10	16	10	17	40	10	10	06			30	15
1000	320	22	320	28	350	17	350	23	10	27	10	10	20	29	20	19	40	10	20	12	360	07	50	17
1500	320	20	320	17	320	16			350	18	230	04	10	19	360	11	50	11	70	11	08	04	50	17
2000	320	22	310	26					290	07	250	18	360	13	330	07	10	12	40	12	170	03	50	13
3000	310	29	310	43					270	24	240	25	250	17		06	350	10			150	11	70	21
4000									250	39					210	02					170	10		
5000									250	48					220	12								
6000									250	48					240	17								
7000									250	21														
8000																								

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

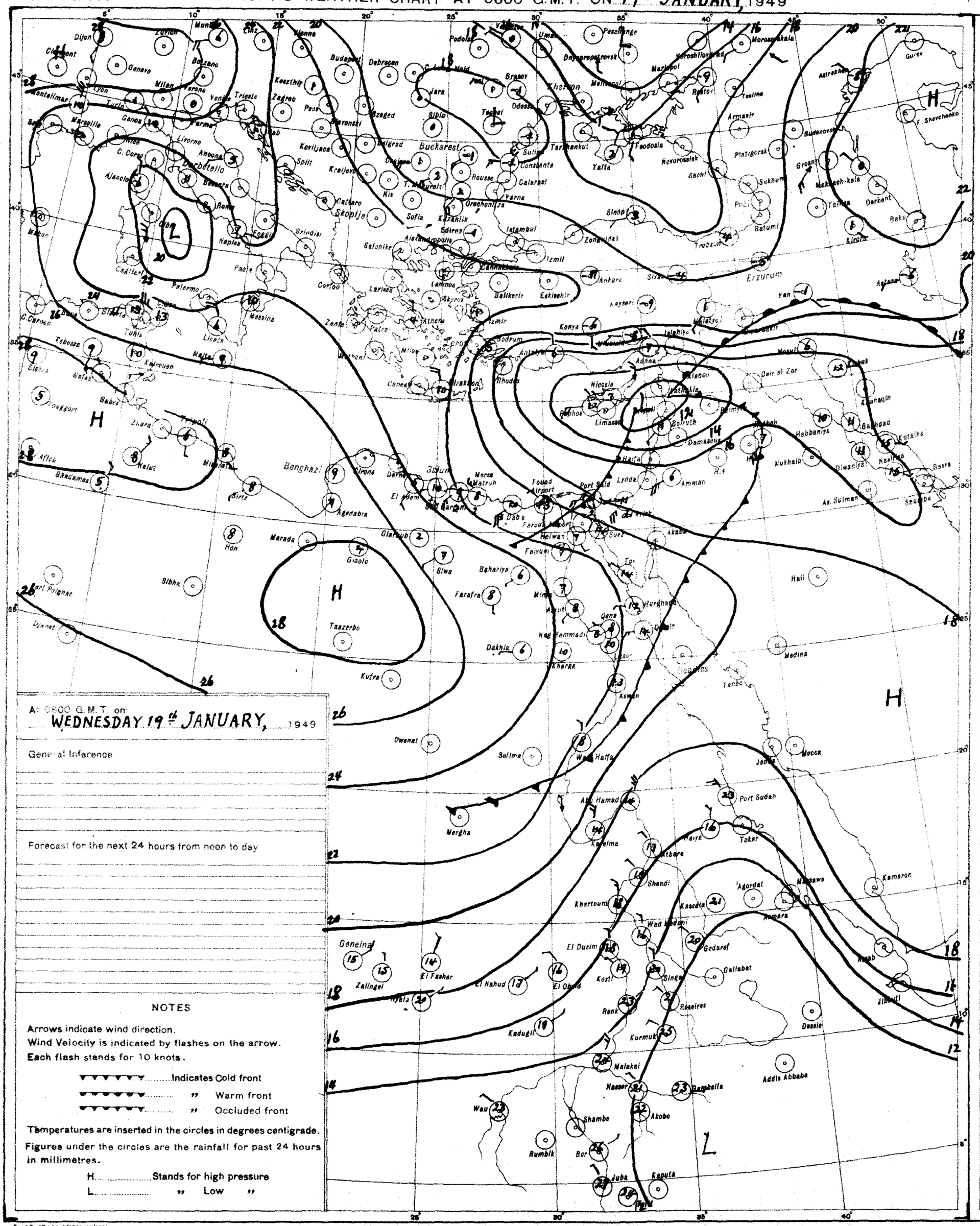
Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

S.M.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 19th JANUARY, 1949


Dijon
Zurich
Munich
Linz
Vienna
Budapest
Debrecen
Podolsk
Umaa
Peschange
Dnipropetrovsk
Kroshilovgrad
Mariupol
Morozovskaia
Gurev
Astrakhan
Clermont
Geneva
Milan
Verona
Bolzano
Venice
Trieste
Zagreb
Keszthely
Pecs
Szeged
Baranovski
Belgrad
Orsova
Brasov
Iasi
Jassy
Cluj
Sibiu
Tecuci
Odessa
Kherson
Melitopol
Rostov
Tsulina
Armavir
Budenovsk
Platigorsk
Grozny
Makhach-kala
Derbent
Tbilisi
Baku
Kirov
Aqtaus
Feodosia
Yalta
Novorossiisk
Gagri
Sukhum
Poti
Batumi
Trebzon
Sinop
Zonguldak
Istanbul
Izmit
Ankara
Sivas
Erzurum
Yan
Kayseri
Eskisehir
Balikesir
Izmir
Konya
Isparta
Isiphiye
Diyarbakir
Mosul
Dohuk
Kirkuk
Kermanshah
Baghdad
Kutaiba
Basra
Nukhaib
Diwaniya
Habbaniya
Kut
Shuaiba
As Sulman
Bahrein
Dhahran
Qatif
Hail
Medina
Mecca
Jedda
Port Sudan
Tokar
Kamaran
Massawa
Asab
Jibuti
Dessie
Addis Abbaba
Gambella
Akobo
Kaputa
Juba
Bor
Rumbik
Shambe
Wau
Malakal
Nasser
Kurmuk
Renk
Roseires
Kadugli
Kosti
El Obeid
El Nahud
El Fasher
Zalingei
Nyala
Geneina
El Dueim
Khartoum
Wad Medani
Shendi
Atbara
Kassala
Gedaref
Gallabat
Agordat
Asmara
Keren
Port Sudan
Kamaran
Jedda
Mecca
Medina
Yanbo
Qena
Luxor
Kharga
Dakhla
Farafra
Bahariya
Siwa
Giarabub
Marada
Hon
Sirte
Tripoli
Zuara
Nalut
Ghadames
Benghazi
Tobruk
Derna
Agedabia
Tazerbo
Kufra
Owenat
Sollma
Mergha
Sibha
Fort Polignac
Djanet
Cyrene
Marsa Matruh
El Alamein
Sidi Barrani
Fouad Airport
Port Said
Lydda
Amman
Haifa
Beirut
Damascus
Nicosia
Limassol
Aleppo
Latakia
Adana
Rhodes
Bodrum
Antalya
Iraklion
Canea
Corfou
Larissa
Lemnos
Skyros
Salonika
Skopje
Sofia
Kazanlik
Edirne
Orechovitza
Varna
Constanta
Calarasi
Rousse
Sulina
Tarkhankut
Sevastopol
Yalta
Feodosia
Novorossiisk
Gagri
Sukhum
Batumi
Trebzon
Sinop
Zonguldak
Istanbul
Izmit
Ankara

CAIRO
Time of Sunrise 04 51 G. M. T.
" " Sunset 15 21 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: Thursday 20th January, 1949

At 1200 on Wednesday 19th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain past 12 hrs mms
Mediterranean	62300	SALUM	320	10	7	02	2	4	Cu,Sc	21.3	18	40	9	
	62303	SIDI BARANI	320	10	50	02	1	5	Cu	22.4	14	67	8	
	62306	MATRUH	340	15	13	03	2	7	Cb,Cu	21.7	13	67	7	
	62309	EL DABA	320	20		02	2	5	Cu	20.7	14	55	5	
		ALEXANDRIA	310	10	50	02	6	7	Cu,Cb	20.0	13	67	7	
	62318	FOUAD (Airport)	300	13	18	25	8	7	Cu,Sc	20.1	12	88	10	
	62330	DAMIETTA	200	5	7	03	2	8	Cu,Sc	19.0	14	67	8	
	62333	PORT SA'ID	270	20	30	01	1	3	Sc	18.5	15	59	7	
	62336	EL 'ARISH	310	36	7	03	2	2	As,Fc	18.2	17	42	4	
Lower Egypt	62339	DAMANHUR	310	5	3	62	6	7	St	20.2	11	95	11	
	62342	MANSURA	220	9	35	02	2	4	Sc,Cu	20.0	15	68	9	
	62348	TANTA	270	2	7	03	6	8	St	21.1	12	88	10	
	62354	ZAGAZIG	270	2	7	50	5	8	Cb	20.2	14	77	10	
	62441	ISMA'ILIA	290	2	16	02	3	8	Cu,Sc	20.3	13	77	9	
Cairo Area	62366	FAROUK (Airport)	290	12	30	08	2	7	Sc	20.3	16		7	
	62372	ALMAZA	270	11	30	02	2	7	Cu,Sc,As	21.1	14	57	5	
		EZBEKIYA	270	11	15	03	2	8	Cb	21.1	15	48	4	
		GIZA	270	11	15	03	2	8	Cb	20.8	15	48	4	
	62378	HELWAN	00	0	50	50	5	8	Cb	21.0	14	55	5	
Upper Egypt	62381	FAIYUM	200	2	35	03	1	6	St	22.3	16	49	5	
	62387	MINYA	320	11	14	02	0	2	Ac	22.1	17	34	1	
	62393	ASYUT MANQABAD	320	9	30	02	0	0	Cu	21.3	15	48	4	
	62399	NAG' HAMMADI	290	2	35	00	0	0	-	19.2	18	46	6	
	62402	QENA	270	5	35	00	0	0	-	20.7	18	37	3	
	62405	LUXOR	320	6	30	00	0	0	-	20.1	17	32	0	
	62414	ASWAN	340	7	50	00	0	0	-	20.3	17	37	2	
Oases	62417	SIWA	290	8	15	00	0	0	-	25.0	15	68	9	
	62420	BAHARIYA	310	2	30	01	1	3	Ac		16	36	1	
	62423	FARAFRA	310	13	30	00	0	0	-	24.3	15	30	-3	
	62432	DAKHLA			50	00	0			22.0	15	39	1	
	62435	KHARGA	20	1	35	00	0	0	-		17	42	4	
Red Sea	62450	SUEZ	310	8	35	03	2	6	Cu	19.0	17	34	1	
	62459	TOR	310	10	15	00	0	0	-	18.8	17	60	9	
	62462	HURGHADA	340	14		00	0	0	-	18.8	17	52	7	
	62465	QUSEIR	40	13	15	02	0	0	-	18.8	18	46	6	
	62641	PORT SUDAN	10	18	30	02	2	8	Cu,Sc	14.9	24	61	16	
North Sudan	62600	WADI HALFA	360	19	30	03	0	2	Ac	18.0	21	57	12	
	62640	ABU HAMAD	50	24	10	07	1	6	Cs,Cu	13.6	25	19	0	
	62660	KAREIMA	40	16	10	01	0	3	Cu	14.7	25	32	7	
	62680	'ATBARA	340	13		31	3	1	Ac	12.2	27	22	3	
	62721	KHARTUM	360	8	30	03	1	6	Ac,Cs	11.4	28	19	2	
	62730	KASSALA	200	5	30	00	0	0	-	7.7	32	22	8	
Central Sudan	62751	WAD MEDANI	360	9	35	00	0	0	-	9.3	31	29	11	
	62801	RENK	360	5	50	01	1	4	Cu	7.4	31	24	8	
	62802	ROSEIRES												
	62771	EL OBEID	10	10	30	02	2	0	-	11.7	27	5	-15	
	62760	EL FASHER	70	9	30	02	2	7	Cs		26	12	-6	
	62770	GENEINA												
S. Sudan	62840	MALAKAL	40	14	30	00	0	0	-	6.6	33	20	7	
	62880	WAU	00	00	30	02	1	7	Cu	7.1	34	14	3	
	62941	JUBA	70	5	30	03	0	1	Cu,Cs	5.6	37	20	11	

At 1800 on Wednesday 19th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
SALUM											
SIDI BARANI	320	9	35	01	1	2	Cu	23.0	13	44	1
MATRUH	360	10	12	02	2	7	Cb,Cu	22.3	13	77	9
EL DABA				02	2	3	Cu				
ALEXANDRIA	330	13	3	02	5	8	Cb	20.8	13	55	4
FOUAD (Airport)	320	12	14	01	1	1	Sc	21.0	13	63	6
DAMIETTA	220	5		02	2	4	Cb	20.0	10	95	10
PORT SA'ID			20	62	3	1	Sc	19.9	11	82	8
EL 'ARISH	220	38	3	01	2	4	Cu	16.6	13	83	4
DAMANHUR	310	5	3	01	6	3	Cu	21.2	10	88	8
MANSURA	220	5	3	00	6	0	-	21.1	10	86	8
TANTA	270	5	35	01	2	5	Cu	21.9	10	76	6
ZAGAZIG			3	20	2	8	Cu	21.2	09	94	8
ISMA'ILIA	250	9	12	01	1	6	Sc		13	77	8
FAROUK (Airport)	250	2	12	25	2	7		21.9	11		9
ALMAZA	310	5	18	02	2	8	Sc	22.0	12	77	8
EZBEKIYA	00	0	16	50	2	7	Cb	22.0	12	77	8
GIZA	00	0	15	50	2	7	Cb	22.0	11	82	8
HELWAN	320	11	35	02	6	7	Sc,Cu	21.9	12	71	5
FAIYUM	00	0	35	01	1	2	St	21.8	12	55	3
MINYA	00	0	8	00	0	0	-	23.1	9	47	-2
ASYUT MANQABAD											
NAG' HAMMADI	00	0	35	00	0	0	-	21.0	9	71	4
QENA	270	5	7	00	0	0	-	21.6	13	44	1
LUXOR	320	5	12	00	0	0	-	21.5	12	51	2
ASWAN	00	0	50	00	0	0	-	21.4	15	32	-2
SIWA	00	0	15	00	0	0	-	24.8	10	50	0
BAHARIYA	310	2	18	01	1	2	As	23.0	12	47	1
FARAFRA											
DAKHLA	320	4	35	00	0	0	-	23.4	10	50	0
KHARGA	00	0	15	00	0	0	-	23.6	12	44	0
SUEZ	00	0	15	01	0	2	Cu	20.6	13	67	7
TOR	310	10	15	00	0	0	-	19.8	15	59	7
HURGHADA	330	18		00	0	0	-	20.1	16	59	8
QUSEIR	270	13	15	02	0	0	-	19.6	16	49	5
PORT SUDAN											
WADI HALFA											
ABU HAMAD											
KAREIMA											
'ATBARA											
KHARTUM											
KASSALA											
WAD MEDANI	310	6	15	01	0	2	Cu	20.6	13	67	7
RENK	310	10	15	00	0	0	-	19.8	15	59	7
ROSEIRES											
EL OBEID	330	18		00	0	0	-	20.1	16	59	8
EL FASHER	270	13	15	02	0	0	-	19.6	16	49	5
GENEINA											
MALAKAL											
WAU											
JUBA											

At 0600 on Thursday 20th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Temperature 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																			
SIDI BARANI	320	10	50	03	1	6	Cu	24.0		12	15		11		63	5	0	186	
MATRUH											15						dr	125	
EL DABA	270	17		02	2	6	Cu	22.4		11	15		10		76	7	0		
ALEXANDRIA	310	13	50	02	5	7	Cb	21.9	+3.3	14	16	-2	12	+2	55	5	1	146	128
FOUAD (Airport)	320	9	15	01	2	6	Cu	21.9		14	16		12		72	9	1	120	94
DAMIETTA	220	5		03	2	7	Cu,Sc	20.2	+2.5	11	15		6		77	7	tr	62	59
PORT SA'ID	260	13	12	25	2	7	Cu,Sc	20.3		10	16		9		83	8	tr	19	
EL 'ARISH	220	38	7	03	2	7	Cu	18.6	+0.4	11	18	-1	2	-5	77	7	0	32	45
DAMANHUR	230	9	7	02	1	6	Cu	21.6	+3.2	9	15	-5	7	0	88	7	4	34	53
MANSURA	270	5	15	20	5	6	Cb	21.6	+3.6	10	17	-3	7	0	88	8	1	13	25
TANTA	220	8	35	01	1	0	-	22.2	+3.3	9			6	0	88	7	2	11	20
ZAGAZIG	220	-	7	20	0	6	Cu	22.4	+3.5	9	18	-2	7	+1	88	7	2	5	13
ISMA'ILIA	350	5	14	00	1	2	As	21.9		10	18		8		88	8	dr	5	
FAROUK (Airport)		9	6	05	0	2	Sc	23.1		10			9			8		dr	
ALMAZA	250	9	12	01	2	5		23.0	+4.0	10.0	15		8		75	6	dr	2	
EZBEKIYA	00	2	15	00	0	1	Sc	23.4	+4.4	11	16	-4	8	0	77	7	dr	6	12
GIZA	00	0	15	00	0	1	Sc	23.3	+4.2	12	16	-3	7	+2	82	8	dr	12	13
HELWAN	120	3	3	20	5	8	Fc,Fs	22.8	+3.3	9	15	-3	8	0	71	4	dr	6	13
FAIYUM	240	3	35	03	2	8	Cb	24.8	+5.6	8	18	-3	6	0	88	6	1	1	4
MINYA	00	0	5	10	0	0	-	24.9		6	17		1		57	-2	0	4	
ASYUT MANQABAD	270	2	30	00	0	0	-	25.0		7	17		4		66	1	0	0	
NAG' HAMMADI	270	1	35	00	0	0	-	24.3	+5.0	8	18		3		71	3	0	0	
QENA	290	9	15	00	0	0	-	24.6	+5.7	9	20	-3	6	+1	62	2	0	dr	
LUXOR	180	1	30	00	0	0	-	23.7		9	18		3		50	-1	0	dr	
ASWAN	00	0	50	00	0	0	-			10	19	-4	6	-4	58	2	0	dr	
SIWA	00	0	15	00	0	0	-	26.3	+6.2	7	16	-4	4	0	71	2	0	0	6
BAHARIYA	270	2	18	00	0	0	-	26.2	+6.1	6	16	-4	3	-2	71	1	0	dr	5
FARAFRA													3	-2		-2	0	dr	
DAKHLA	270	3	4	00	0	0	-	25.6	+5.3	5	16	-6	3	-2	61	-2	0	dr	
KHARGA	00	0	4	00	0	0	-	25.9	+6.4	10	18	-4	3	-3	52	2	0	0	
SUEZ	00	0	15	00	1	5	St,Cu,As	21.0	+2.6	12	19	-1	10	+1	63	5	0	12	10
TOR	310	9	15	00	0	1				15	18	-3	14?	+5	59	7	0	0	3
HURGHADA	260	9		00	0	2	Cu	21.3		10	18		7		62	3	0	dr	
QUSEIR	270	13	15	00	0	2		21.0	+3.4	13	20	-3	11	-3	44	1	0	0	4
PORT SUDAN	340	13	30	02	2	8	Sc	17.1		21	26		20		65	14	0	30	88
WADI HALFA	340	7	30	01	0	1	As	24.2		7	21		5		53	-2	0	tr	
ABU HAMAD	360	24	7	07	0	0	-	19.0		13	25		4		36	-2	0	-	
KAREIMA	360	9	30	00	0	0	-	20.5		11	25		10		38	-3	0	3	
'ATBARA	360	13	2	07	0	0	-	17.4		18	27		14		22	-1	0	7	2
KHARTUM	340	9	30	01	0	1	Cu	16.9		19	29		16		19	-5		10	4
KASSALA	200	2	30	00	0	0	-	13.3		22	33		16		74	17	0	2	8
WAD MEDANI	310	5	50	00	0	0	-	16.8		17	32		13		28	-2	0	11	12
RENK	50	9	50	00	0	0	-	13.5		22	32		14		25	1	0	0	49
ROSEIRES	310	5	35	00	0	0				20	35		18		49	9	0	2	36
EL OBEID	50	12	30	00	0	3		18.9		16	28		14		22	-6	0	0	16
EL FASHER	10	5	30	00	1	2	As			14	29		11		36	-1	0	0	6
GENEINA	70	13	30	02	1	7	Cu,Cs			16	30		14		20	-7	0	-	4
MALAKAL	30	16	30	00	1	0	-	12.5		22	35		19		19	-3	0	69	88
WAU	50	2	30	00	0	1	Ac	12.4		23	37		21		24	1	0	261	144
JUBA	270	2	10	00	1	0		12.7		27			19		48	15	0	129	145

HUMIDITY

Mean of day

Station	on 19th	Diff. from normal
Alexandria	02	+16
Ezbekiya	70	+3
Giza	70	-3
Helwan	72	+14

GIZA GRASS MINIMUM TEMP ON 20th 1.0 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — AIRPORT

On ..... At																	
Pressure mbs.	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.	Pressure mbs.	Height above M.S.L. feet	Temp. °C	Humid. %	Wind Dir.	Wind Vel.	Pressure mbs.	Height above M.S.L. feet	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 .....

Station	Matruh		Fouad A.P.		P. Said A.P.		Minya	
Time	14		15		14		15	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	320	16	320	13	280	31	10	14
600	320	12	330	15	280	27	10	15
1000	300	20	310	17	290	21	10	15
1500			320	22	290	21	20	10
2000							20	13
3000								
4000								
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on .....

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		
Time	5						5				6 45		3						5		9		
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300	320	16					300	31			170	7	330	13					340	17	330	29	
600	320	17					310	29			270	10	340	21					360	27	340	36	
1000	310	21					331	29			310	19	330	21					350	38	340	42	
1500	330	17									330	24	330	26					330	16			
2000											320	29	320	27					330	15			
3000													350	25									
4000																							
5000																							
6000																							
7000																							
8000																							

Station	Siwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	5 15		5		5		6 15		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	330	21	300	13	340	15	350	14	10	14			20	15										
600	350	21	320	1	350	22	360	17	10	19	360	33	30	15	360	13	260	4	360	15			30	11
1000	350	19	320	24	350	16	350	19	20	26	360	30	20	23	10	16	10	4	10	28	10	8	50	21
1500	360	19	320	35	340	28			340	17	340	10	10	21	30	17	50	8	40	17	30	8	60	12
2000	360	26	330	23					270	12	340	10	340	17	30	14	10	11	50	4	30	9	100	50
3000	350	23	330	23					360	33	220	31	330	18	320	8	350	11	90	8	20	9		
4000	350	23							240	32					320	12					170	4		
5000																					160	10		
6000																					220	5		
7000																								
8000																								

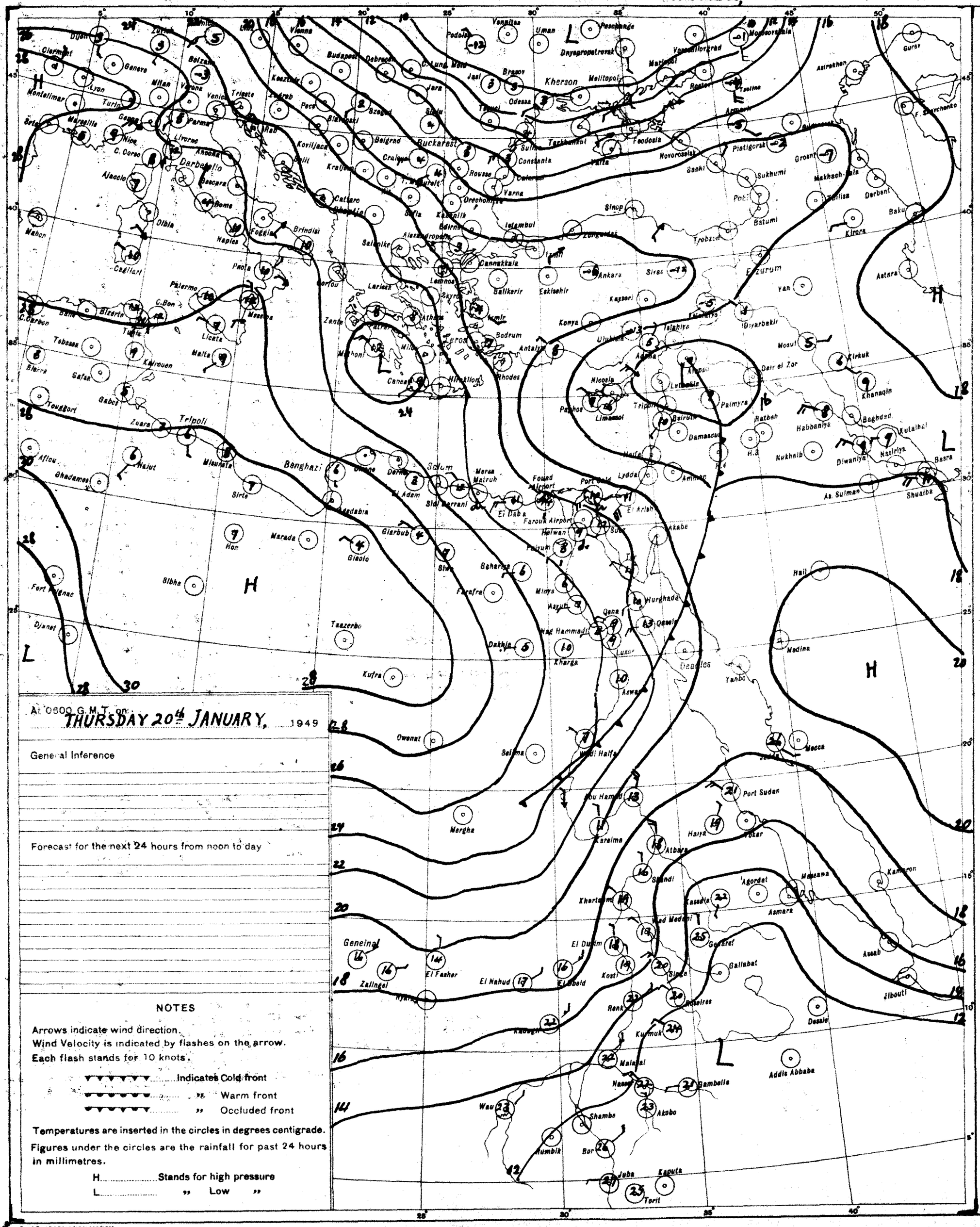
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 20th JANUARY, 1949


Kherson
Bucharest
Istanbul
Ankara
Tripoli
Benghazi
Cairo
Khartoum
Port Sudan
Addis Ababa
Mecca
Medina
Aden
Asmara
Massawa
Jibouti
Dessie
Gambella
Akobo
Juba
Kapoeta
Torit
Wau
Malakal
Kosti
Geneina
El Fasher
El Obeid
El Nahud
Zalingei
Kufra
Sebha
Mergha
Owenat
Port Said
Haifa
Beirut
Damascus
Baghdad
Basra
Kirkuk
Mosul
Diyarbakir
Erzurum
Batumi
Tbilisi
Baku
Derbent
Astrakhan
Odessa
Sinop
Trabzon
Cannakkale
Salonika
Athens
Rhodes
Nicosia
Limassol
Palermo
Malta
Tunis
Algiers
Oran
Marseille
Lyon
Genoa
Rome
Naples
Brindisi
Vienna
Budapest
Belgrade
Sofia
Warsaw
Kaunas
Riga
Leningrad
Moscow
Kharkov
Rostov
Tashkent
Alma Ata
Tiflis
Yerevan
Tehran
Basra
Aden
Khartoum
Port Sudan
Mecca
Medina
Addis Ababa
Jibouti
Asmara
Massawa
Kassala
Gallabat
Gondar
Kosti
Malakal
Wau
Juba
Kapoeta
Torit
Akobo
Gambella
Dessie
Aden
Hurghada
Luxor
Aswan
Kufra
Sebha
Mergha
Tripoli
Benghazi
Cairo
Alexandria

CAIRO

Time of Sunrise 04 51 G. M. T.

" " Sunset 15 22 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: FRIDAY 21st JANUARY, 1949

At 1200 on THURSDAY 20th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	320	8	14	03	1	5	Ac	23.5	17	82	7
	62303	SIDI BARANI	320	15	50	02	1	6	Sc	23.6	16	68	10
	62306	MATRUH	340	15	15	02	1	6	Cu,Sc	23.2	10	68	10
	62309	EL DABA	320	22		03	2	4	Cu	22.2	17	42	4
		ALEXANDRIA	310	14	50	01	2	6	Cb	21.4	16	49	5
	62318	FOUAD (Airport)	330	12	30	03	2	7	Cb,Sc	21.5	15	60	9
	62330	DAMIETTA	220	13	7	25	6	8	Cu,Sc	19.5	14	77	10
	62333	PORT SAID	260	12	8	25	8	8	Cu,Sc	19.7	13	82	10
	62336	EL 'ARISH	310		7	03	2	6	Cu	18.3	14	67	8
Lower Egypt	62339	DAMANHUR	310	9	3	03	2	8	As	21.8	15	77	11
	62342	MANSURA	320	9	15	50	5	8	Cb	21.1	15	68	9
	62348	TANTA	270	8	15	03	6	8	St	21.6	15	77	11
	62354	ZAGAZIG	220	2	7	20	0	6	Cu	21.1	15	77	11
	62441	ISMAILIA	270	5	7	03	2	7	As	20.4	16	49	5
Cairo Area	62366	FAROUK (Airport)	290	17	12	03	1	7	Cu,Ac	21.6	15	59	7
	62372	ALMAZA	290	13	30	02	1	7	St	22.0	15	61	8
		EZBEKIYA	270	9	15	03	1	7	Sc	22.2	15	69	7
		GIZA	270	9	15	03	1	7	Sc	22.0	16	56	7
	62376	HELWAN	290	16	35	03	2	8	Cb	21.9	15	59	4
Upper Egypt	62381	FAIYUM	330	2	35	01	2	6	Cb	22.4	10	49	5
	62387	MINYA	10	8	12	03	1	0	Sc	22.9	18	40	4
	62393	ASYUT	310	10	30	02	1	2	Cu	22.5	16	42	3
	62399	NAG' HAMMADI	290	2	35	00	0	0	—	21.2	18	37	3
	62402	QENA	270	5	35	00	0	0	—	21.1	18	37	3
	62405	LUXOR	290	13	30	00	0	0	—	21.1	17	34	1
	62414	ASWAN	340	10	50	00	0	0	—	21.2	17	39	3
Oases	62417	SIWA											
	62420	BAHARIYA	360	2	18	01	1	2	Ac	24.0	10	45	4
	62423	FARAFRA											
	62432	DAKHLA	360	11	50	00	0	0	—	23.3	15	39	1
	62435	KHARGA	340	2	35	00	0	0	—	23.8	17	34	1
Red Sea	62450	SUEZ	360	9	15	03	2	8	Cb	20.3	15	59	7
	62459	TOR	310	17	15	00	1	0	—	19.4	18	60	10
	62462	HURGHADA	340	19		02	0	2	Cu	19.0	17	40	8
	62465	QUSEIR	360	18	15	02	0	0	—	20.2	19	37	4
	62641	PORT SUDAN	10	18	30	02	2	8	Sc	14.7	23	69	11
North Sudan	62600	WADI HALFA	360	16	30	02	0	1	Ac	20.8	18	24	-3
	62640	ABU HAMAD	50	18	10	07	0	3	Ac	14.8	23	15	-5
	62660	KAREIMA	20	16	30	01	1	7	Ac	16.8	23	36	7
	62680	'ATBARA	360	13	50	31	3	0	—	13.4	25	24	3
	62721	KHARTUM	360	13	10	00	0	0	—	15.2	26	27	5
	62730	KASSALA	200	5	30	00	0	0	—	7.8	32	43	18
Central Sudan	62751	WAD MEDANI	340	9	35	00	0	0	—	10.3	30	33	12
	62801	RENK	50	9	50	00	0	0	—		31	19	5
	62802	ROSEIRES	340	5	35	00	0	0	—		34		
	62771	EL OBEID	30	16	40	00	0	0	—	12.4	25	07	-13
	62760	EL FASHER	20	5	30	00	0	0	—		20	23	2
	62770	GENEINA	50	10	30	00	1	2	Ci		27	9	-2
S. Sudan	62840	MALAKAL	30	13	30	00	0	0	—	9.5	34	19	7
	62880	WAU	00	0	30	00	0	0	—	8.4	33	15	3
	62941	JUBA	50	5	30	03	0	1	Cu,Ci	5.7	36	24	12

At 1800 on THURSDAY 20th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms.
SALUM	270	10	7	01	0	3	Ac	24.7	14	77	10	dr.
SIDI BARANI	320	15	35	01	0	1	Cu	24.7	15	68	9	0
MATRUH	20	12	12	01	2	3	Sc	24.4	15	72	10	0
EL DABA	220	19		02	2	3	Cu		16	42	3	0
ALEXANDRIA	330	10	3	01	2	4	Cb	24.0	15	48	4	0
FOUAD (Airport)	340	12	30	00	1	0	—	23.3	14	67	8	0
DAMIETTA	320	9		02	5	8	Cu,Sc	21.6	14	88	12	3
PORT SAID	280	12	12	02	2	8	Cb	21.6	13	88	11	0.5
EL 'ARISH	270	12	15	03	2	8	Ci	19.2	13	88	11	0
DAMANHUR	310	9	7	01	2	7	Ac,Ci	22.7	11	88	9	0
MANSURA	320	5	5	03	5	8	Cb	23.0	12	94	11	dr.
TANTA												
ZAGAZIG	220	2	15	00	0	0	—	23.6	13	95	13	0
ISMAILIA	270	2	7	03	2	8	As	22.7	12	77	8	dr.
FAROUK (Airport)	240	6	12	01	2	5	Sc	23.0	14	67	8	0
ALMAZA	260	6	14	00	2	0	—	23.8	13	72	8	0
EZBEKIYA	00	0	15	00	1	0	—	23.8	13	67	7	dr.
GIZA	00	0	15	00	1	0	—	23.9	12	72	7	0
HELWAN	320	3	35	01	1	1	St	23.6	13	67	7	0
FAIYUM	00	0	35	01	1	4	Cb	24.3	12	77	8	0
MINYA	10	5	12	02	1	6	Sc	24.4	13	48	2	0
ASYUT												
NAG' HAMMADI												
QENA	290	5	7	00	0	0	—	23.1	14	48	3	0
LUXOR	290	5	12	00	0	0	—	23.2	12	55	3	0
ASWAN	360	8	50	00	0	0	—	22.8	14	48	3	0
SIWA												
BAHARIYA	310	3	18	01	1	2	As	24.3	14	52	4	0
FARAFRA	40	4		00	0	0	—		9	47	-2	0
DAKHLA	360	5	35	00	0	0	—	25.2	11	51	1	0
KHARGA	00	0	15	00	0	0	—	25.6	11	51	1	0
SUEZ	00	0	7	01	0	0	—	22.3	13	88	11	0
TOR	310	9	15	00	0	0	—	21.6	16	59	8	0
HURGHADA	310	15	50	01	0	0	—	21.9	16	68	10	0
QUSEIR	310	13	15	02	0	0	—	21.0	15	59	7	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on FRIDAY 21st

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temp. 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	290	9	7	03	2	7	St	24.2		11	18		7		77	7	dr.		
SIDI BARANI	220	10	35	03	1	7	Sc,Ac	24.3		11	17		9		88	9	0	196	
MATRUH	300	14	13	03	2	7	Sc	24.3		12	18		10		82	9	0	129	
EL DABA	270	20		02	2	0	Cu	24.3		13	20		8		88	11	0	94	
ALEXANDRIA	310	5	15	05	2	6	St	23.9	+5.3	18	17	-1	11	+1	77	9	0	146	180
FOUAD (Airport)	250	5	18	03	1	7	Cu,Sc	24.1		12	15		12		88	10	0.1	124	95
DAMIETTA	220	10				6	Sc	23.6	+5.9	10	15		6		95	10	2	64	60
PORT SAID	270	7	8	05	0	1	Sc	23.0		12	14		10		88	10	0.5	19	
EL 'ARISH	270	18	35	02	1	4	Ci	23.5	+5.3	13	15		10	+3	77	9	0	32	46
DAMANHUR	310	5	7	01	1	1	Ac	22.9	+4.5	11	17	-3	8	+1	88	9	0	34	54
MANSURA	270	2	15	02	2	8	Cb	23.8	+5.8	12	17	-3	11	+4	77	8	dr.	13	25
TANTA																		11	20
ZAGAZIG	220	2	7	00	0	6		24.8	+6.0	10	17	-3	8	+2	95	10	0	5	14
ISMAILIA	250	2	15	04	0	0	—	22.7		12	16		10		77	8	dr.	5	
FAROUK (Airport)	190	2	7	01	1	3	Sc	23.3		11	16		10		77	7	0	dr.	
ALMAZA	180	9	14	01	1	3	Sc	24.8	+5.9	10	17		9		76	6	0	2	
EZBEKIYA	00	0	15	00	0	1	Sc	25.1	+6.2	10	18	-2	9	+1	76	6	dr.	6	13
GIZA	00	0	15	00	0	1	Sc	25.0	+6.0	10	18	-1	7	+2	76	6	0	12	14
HELWAN	140	3	7	02	1	3	Ac	25.1	+5.7	9	15	-4	8	0	88	7	0	6	13
FAIYUM	00	0	35	01	1	4	St	25.6	+6.4	10	18	-3	6	0	62	3	0	1	4
MINYA	00	0	6	10	0	0	—	24.9	+5.1	6	18		3	-3	61	-1	0	4	
ASYUT	00	0	30	00	0	0	—	25.0	+4.9	10	17		5	-1	58	2	0	0	
NAG' HAMMADI	00	0	35	00	0	0	—	23.6	+4.3	9	18		4		88	7	0	0	
QENA	360	2	15	00	0	0	—	24.2	+5.3	11	20		5	-2	63	4	0	dr.	
LUXOR	110	2	30	00	0	0	—	24.1	+5.1	9	18		2	-3	58	1	0	dr.	
ASWAN	360	6	50	00	0	0	—	24.3	+5.4	9	18	-5	6	-4	67	3	0	dr.	
SIWA																	0	0	6
BAHARIYA	220	1	18	00	0	0	—	24.6	+4.6	8	17	-3	4	-1	82	5	0	dr.	5
FARAFRA	00	0	18	00	0	0	—			11	17		1		63	4	0	dr.	
DAKHLA	270	2	35	00	0	0	—	25.6	+5.4	6	16	-6	2	-3	71	1	0	dr.	
KHARGA	00	0	35	00	0	0	—	24.7	+5.2	10	17	-5	4	-2	62	3	0	0	
SUEZ	00	0	35	02	0	0	—	23.5	+5.1	12	19	-1	11	+2	88	10	0	12	10
TOR	310	5	35	00	0	0	—	23.6	+5.7	15	19	-2	10	+1	68	9	0	0	9
HURGHADA	260	7	13	00	0	3	Sc	22.7		10	17	-5	8		76	6	0	dr.	
QUSEIR	310	13	15	00	1	3	Ac	22.2	+4.7	15	19	+1	12	-2	48	4	0	0	4
PORT SUDAN	340	13	30	01	2	7	Sc,Ac	19.2		19	24		18		64	12	0	34	88
WADI HALFA	20	3	30	00	0	0	—	24.1		7	19		5		66	1	0	4	
ABU HAMAD	50	13	30	01	2	6	Ac	21.1		11	24		11		41	-1	0	—	
KAREIMA	40	9	30	01	1	7	Ac,Ci	20.7		13	25		12		48	2	0	3	1
'ATBARA	310	13	7	03	1	3	Ac	18.7		15	25		13		32	-2	dr.	7	2
KHARTUM	360	13	30	00	0	0	—	18.2		16	28		14		28	-3	0	10	4
KASSALA	200	1	30	00	0	0	—	16.2		21	32		16		74	16	0	2	8
WAD MEDANI	50	13	50	00	0	0	—	17.3		16	31		10		30	-2	0	11	12
RENK	50	9	35	00	0	0	—			21						2	0	0	49
ROSEIRES	310	9	35	00	0	0	—			20	35		18		43	7	0	2	36
EL OBEID	350	13	30	00	0	0	—	19.0		13	27		11		18	-11	0	0	16
EL FASHER	00	0	30	00	0	1	Ci	20.8		11	29		9		38	-3	0	0	6
GENEINA																		—	4
MALAKAL	20	17	30	01	1	1	Ac	14.6		21	34		19		20	-3	0	69	88
WAU	30	1	30	00	0	0	—	13.9		21	37		19		31	3	0	281	144
JUBA	50	2	30	03	1	5	Ac,Ci	12.2		23	37		21		61	15	0	129	145

HUMIDITY %

Mean of day

STATION	on 20th	Diff. from normal
Alexandria	53	-13
Ezbekiya	67	0
Giza	68	-5
Helwan	71	+13

GIZA GRASS MINIMUM TEMP.

ON 21st 3.0 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE

	Farouk AIRPORT On 21st At 3						AIRPORT On ..... At						AIRPORT On ..... At					
Pressure mbs.	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.	Pressure mbs.	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.	Pressure mbs.	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	204	11	82	240	4	1000						1000					
950		8				950						950					
900						900						900					
850	1554	3	93	330	19	850						850					
800						800						800					
700	3104	-1		350	19	700						700					
600						600						600					
500	5823	-15		320	17	500						500					
400		-28				400						400					
300	9457	-44		320	17	300						300					

UPPER WIND OBSERVATIONS on 20th

Station	Matruh		Fouad A.P.		Minya		Almaza	
Time	13 30		14 45		15		12 45	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	310	22	320	34	340	15	290	12
600	310	19	320	35	340	16	290	13
1000	330	20	300	22	330	16	290	16
1500			310	19	340	16	290	15
2000			310	24	340	20		
3000								
4000								
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 21st

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		Almaza	
Time	5		5		3		3						3								9		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	18	280	18	300	5	330	7					20	5							330	23	230	8
600	300	16	300	16	340	6	350	7					10	15							330	22	320	6
1000	320	12	300	14	330	7	360	10					360	14							330	25	320	9
1500					310	15	330	17					340	18							330	35	350	10
2000													320	24									350	12
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	5		5		5		6 30		4 30		4 15				4 30		4						4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	320	10	310	8	340	10	10	14																
600	340	10	330	11	360	13	20	19			10	31			10	24	10	9					20	23
1000	290	11	340	15	30	16	20	20	30	30	20	26			30	29	10	9					30	36
1500	310	16	340	23	30	18			10	13	10	16			20	17	330	12						
2000	340	11	330	18					350	13	310	21			10	23	300	16						
3000	350	7							280	30	270	40			320	7								
4000	310	9																						
5000	330	7																						
6000																								
7000																								
8000																								

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

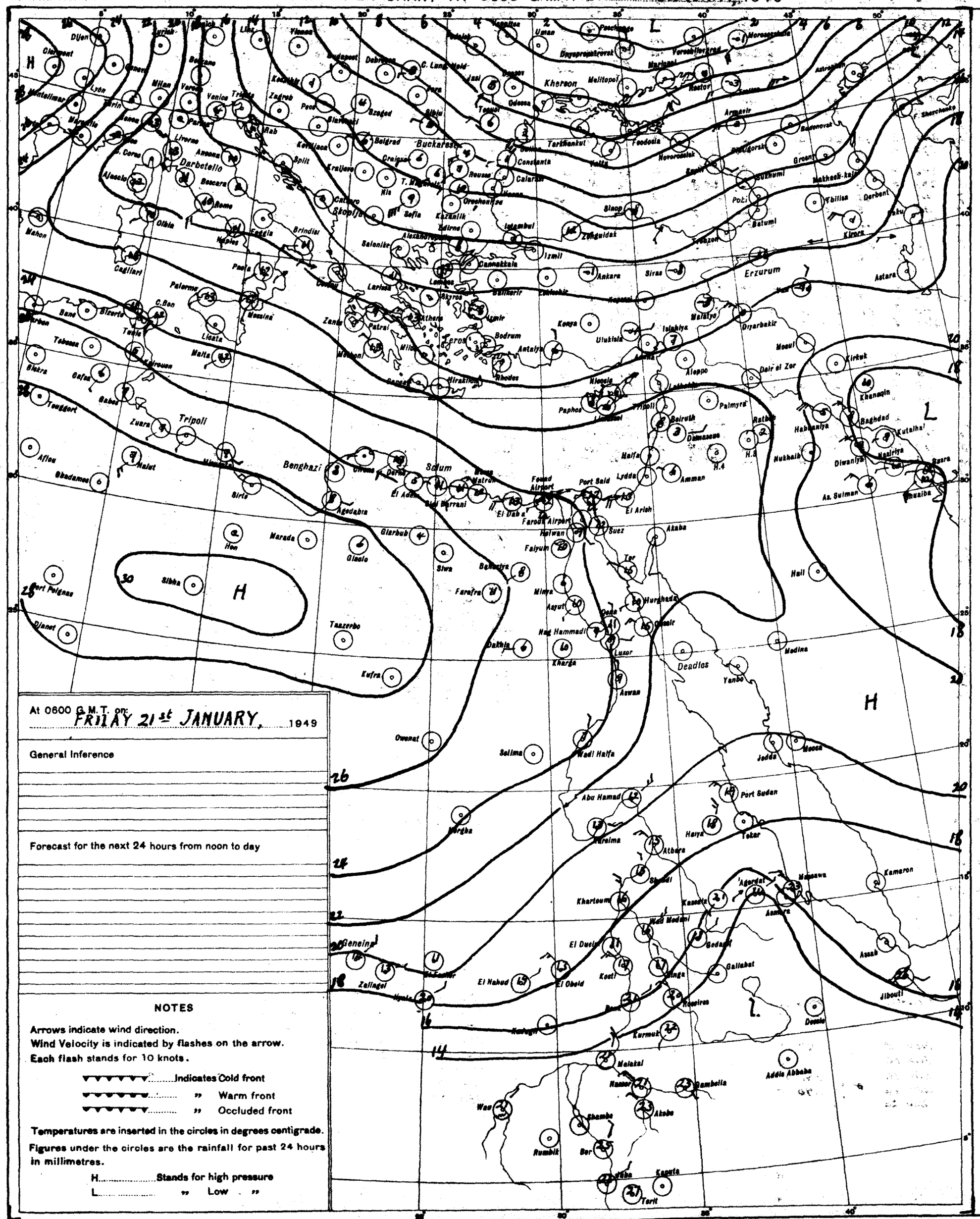
Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

F.G

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 21st JANUARY, 1949



At 0600 G.M.T. on: FRIDAY 21st JANUARY, 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

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

Indicates Cold front
" Warm front
" Occluded front

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

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

S of E 1948(48/285)(48/650)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 50 G. M. T.
" " Sunset 15 23 G. M. T.

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

Form Nº 7 F.

DAILY WEATHER REPORT

Date : SATURDAY 22nd JANUARY , 1949

Area	Index Number	Station	At 1200 on FRIDAY 21st Wind Direction	Wind Velocity in Knots	Visibility 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 21st Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms.
Mediterranean	62300	SALÛM	320	08	7	03	1	5	Cu.Sc	22.2	20	43	7	320	8	7	01	0	0	-	22.0	14	77	10	0
	62302	SÎDI BARÂNI	270	6	50	01	1	3	Cu	22.8	17	68	11	220	2	35	01	1	1	Ac	21.9	12	88	10	0
	62306	MATRÛH	340	12	15	01	1	5	Cb	22.6	16	68	10	290	8	12	01	1	2	Sc	22.4	13	77	9	0
	62309	EL DABA	320	11	0.8	01	1	5	Cu		17	68	11	220	12	1.5	02	1	3	Cu	22.2	16	68	10	0
		ALEXANDRIA	310	4	50	01	2	3	Cu.Sc	22.3	18	52	8	180	5	3	03	2	8	St,Ac	21.6	15	77	11	0
	62318	FOUAD (Airport)	360	4		01	0	3	Cu	22.5	13	56	9	240	3	18	00	0	0	-	22.0	12	94	11	0
	62330	DAMIETTA	200	5	15	02	1	7	Sc	22.2	16	68	10	200	5		01	1	2	Cu	21.6	12	88	10	0
	62333	PORT SAÏD	270	6	30	03	0	3	Sc	22.4	18	46	6	00	0	12	03	0	5	Sc	22.0	14	77	10	0
	62336	EL 'ARISH	270	12	35	02	1	2	Ci	23.0	17	60	9	270	6	35	02	0	1	Ci	18.3	11	71	7	0
Lower Egypt	62339	DAMANHUR	270	9	15	03	1	7	As	23.1	18	60	10	310	5	7	01	1	0	-	23.1	12	77	8	0
	62342	MANSURA	360	5	15	02	2	6	Sc	22.6	18	60	10	320	5	3	00	1	0	-	22.6	13	88	11	0
	62348	TANTA	220	8	35	03	1	5	Cu	22.8	18	60	10	270	2	35	01	1	4	Cu	23.0	13	77	9	0
	62354	ZAGAZIG	220	2	15	40	0	4		22.8	19	60	11	270	2	15	00	0	0	-	22.3	13	77	9	0
	62147	ISMAÏLIA	210	2	35	01	3	4	Sc	22.7	19	30	1	360	2	12	02	2	8	As	22.6	16	59	8	0
Cairo Area	62366	FAROUK (Airport)	290	7	12	03	1	4	Cu	22.7	18	46	6	130	1	12	01	1	3	Sc	22.1	16	59	8	0
	62372	ALMAZA	310	4	30	02	1	4	Cu	22.8	17	52	8	180	5	14	03	1	5	Sc	22.5	14	52	5	0
		EZBEKIYA	270	6	35	03	1	3	Cu	23.0	18	52	8	00	0	15	01	1	1	Sc	22.6	13	67	7	0
		GÎZA	270	6	35	03	1	3	Cu	23.0	20	41	6	00	0	15	01	1	1	Sc	22.3	11	82	8	0
	62378	HELWÂN	320	2	35	03	1	4	Cu	23.6	16	49	5	290	3	15	01	0	1	Ac	22.7	14	55	5	0
Upper Egypt	62381	FAIYÛM	00	00	35	01	1	3	St	23.3	18	52	8	00	0	35	02	1	3	St	22.6	15	59	7	0
	62387	MINYA	00	00	12	03	1	7	Cu.Sc	23.1	18	46	6	00	0	10	00	2	0	-	22.9	11	63	4	0
	62393	ASYUT (MANFALUT)	360	5	30	03	1	1	Cu	21.8	18	46	6												
	62399	NAG' HAMMADI	270	1	35	00	0	0	-	21.0	20	46	8	00	0	18	00	0	0	-	20.4	12	77	8	0
	62402	QENA	270	5	35	00	0	0	-	20.8	19	46	7	270	5	7	00	0	0	-	21.0	14	67	8	0
	62405	LUXOR	360	4	30	00	0	0	-	20.9	19	37	4	270	3	10	00	0	0	-	20.8	14	48	3	0
	62414	ASWÂN	20	6	50	00	0	0	-	20.3	20	43	7	360	9	50	00	0	0	-	20.0	16	49	5	0
Oases	62417	SÎWA																							
	62420	BAHARÎYA	360	3	30	02	2	7	Ac	23.0	18	52	8	310	2	18	01	1	2	As	23.4	14	77	10	0
	62423	FARAFRA	360	10	30	01	1	2	Sc	24.6	18	37	3	300	2	8	00	0	0	-	-	12	55	3	0
	62432	DAKHLA	320	11	50	00	0	0	-	23.0	18	46	6	320	6	35	00	0	0	-	21.6	13	63	4	0
	62435	KHARGA	20	3	35	00	0	0	-	22.0	18	46	6	00	0	15	00	0	0	-	23.3	13	55	4	0
Red Sea	62450	SUEZ	310	6	35	03	0	4	As	21.4	18	37	3	00	0	15	01	0	0	-	21.8	14	67	8	0
	62459	TÛR	310	2	35	00	0	0	-	21.2	17	60	9	310	3	35	00	0	0	-	21.1	16	42	3	0
	62462	HURGHADA	340	12		01	2	3	St	20.6	18	60	10	290	8		01	1	0	-	20.7	14	63	7	0
	62465	QUSEIR	360	13	15	03	2	4	Ac	20.8	20	46	8	310	13	15	02	1	0	-	21.0	18	52	8	0
	62641	PORT SUDAN	40	18	10	01	0	2	Cu	15.5	24	57	15												
North Sudan	62600	WÂDI HALFA	360	13	30	00	0	0	-	19.3	19	28	0												
	62640	ABU HAMAD	50	5	30	00	1	0	-	14.8	24	17	-3												
	62660	KAREIMA	20	6	30	00	1	0	-	15.7	23	15	-5												
	62680	ATBARA	360	9	10	00	1	0	-	12.8	27	12	-5												
	62721	KHARTUM	20	8	30	00	0	0	-	12.7	27	22	3												
	62730	KASSALA	160	2	30	00	0	0	-	8.0	32	43	18												
Central Sudan	62751	WAD MEDANI	360	5	35	00	0	0	-	10.2	30	33	12												
	62801	RENK																							
	62802	ROSEIRES																							
	62771	EL OBEID	30	15	30	00	0	0	-	12.1	25	9	-11												
	62760	EL FASHER	20	9	30	00	0	0	-		25	43	1												
	62770	GENEINA	50	11	30	00	0	0	-		27	10	-8												
S. Sudan	62840	MALAKÂL	20	13	18	11	1	6	Ac	8.0	31	16	2												
	62880	WAU	30	8	30	00	0	0	-	8.3	33	16	4												
	62941	JUBA	50	5	10	00	0	0	-	5.7	35	23	11												

Station	At 0600 on SATURDAY 22nd Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	250	7	7	02	0	0	-	19.1		11	20		6		77	7	0		
SÎDI BARÂNI	220	7	50	02	1	1	Ac	19.4		10	18		8		76	6	0	196	
MATRÛH	250	13	15	00	0	0	-	19.7		9	18				88	7		127	
EL DABA	270	10	1.5	01	0	0		19.4		14	20		8		72	10	0	94	
ALEXANDRIA	310	8	7	05	5	8	Cb	19.4	+0.8	14	20	+2	12	+2	88	12	tr	146	132
FOUAD (Airport)	230	10	12	25	8	7	Cu.Sc	19.1		12	19		12		80	11	1	125	97
DAMIETTA	200	9	1.5	12	0	1	Cu	19.2	+1.6	12	17		7		88	10	0	64	61
PORT SAÏD	220	5	5	05	2	3	Sc	19.3		13	18		11		77	9	0	19	
EL 'ARISH	00	0	35	02	0	1	Ci	19.9	+1.8	13	18	-1	10	+3	72	8	0	32	46
DAMANHUR	310	9	7	03	2	8	Cb			12	20	0	10	+3	88	10	0	34	55
MANSURA	250	5	35	01	1	4	Ac	19.5	+1.6	11	19	-1	9	+2	88	9	0	13	26
TANTA	220	2	35	01	1	3	Cu	20.6	+1.8	12	20	0	7	+1	88	10	0	11	20
ZAGAZIG	220	2	15	00	0	4		19.8	+1.0	11	20	0	10	+4	82	8	0	5	14
ISMAÏLIA		2	14	02	2	6	As	19.8		12	20		11		88	10	0	5	
FAROUK (Airport)	190	5	6	05	2	7	Sc	19.8		14	19		12		55	5	0	tr	
ALMAZA	150	7	10	02	2	7	Sc	19.8	+1.0	14	20		10		52	4	0	2	
EZBEKIYA	180	3	15	03	1	6	Sc	20.0	+1.2	13	20	0	10	+2	67	7	0	6	13
GÎZA	180	3	15	03	1	6	Sc	20.2	+1.3	12	21	+2	9	+4	67	6	0	12	14
HELWÂN	00	0	7	03	2	8	St	20.0	+0.6	13	20	+1	11	+3	55	4	0	6	14
FAIYÛM	200	2	35	03	2	7	St	20.7	+1.5	12	20	-1	9	+3	63	5	0	1	4
MINYA	00	0	8	02	2	7	Ac	21.0		7	19		3		28	2	0	4	
ASYUT (MANFALUT)	00	0	30	00	0	0	-	20.9		9	18		6		54	0	0	0	
NAG' HAMMADI	00	0	35	00	0	0	-	20.6	+1.4	9	22		4		71	4	0	0	
QENA	220	5	15	00	0	0	-	22.0	+3.1	10	21	-2	6	-1	88	8	0	tr	
LUXOR	00	0	30	00	0	0	-	20.0		9	20		4		67	3	0	tr	
ASWÂN	360	6	50	00	0	0	-	20.0	+1.1	11	21	-2	8		67	5	0	tr	
SÎWA																		0	6
BAHARÎYA	00	0	18	00	0	0	-	21.5	+1.5	9	19	-1	4	-1	82	6	0	tr	5
FARAFRA	00	0	18	00	0	0	-	22.7		8	19		1		58	00	0	tr	
DAKHLA	00	0	35	00	0	0	-	20.6	+0.4	6	19	-3	3	-2	57	-2	0	tr	
KHARGA	00	0	35	00	0	0	-	21.9	+2.5	8	19	-3	3	-3	88	6	0	0	
SUEZ	00	0	35	00	2	8	Cu	18.3	0.0	12	20	0	10	+3	59	5	0	12	10
TÛR	20	3	35	00	0	0	-	19.4	+1.6	8	19	-2	9	0	58	0	0	0	9
HURGHADA	270	8		00	0	0	-	19.3		11	18		7		63	4	0	tr	
QUSEIR	310	13	15	02	0	0	-	19.0	+1.5	12	20	-3	10	-4	48	4	0	0	4
PORT SUDAN	380	9	30	03	0	1	Sc	16.6		20	25		20		60	12	0	34	88
WÂDI HALFA	310	3	30	01	1	3	Ac	19.5		9	20		7		67	3	0	tr	
ABU HAMAD	50	9	30	03	1	6	Ac	15.7		13	25		11		38	-1	0		
KAREIMA	20	4	30	00	0	0	-	16.4		13	25		11		38	-1	0	3	1
'ATBARA	340	5	10	00	0	0	-	15.6		15	28		13		42	4	0	7	2
KHARTÛM	360	9	30	00	0	0	-	14.6		17	28		14		28	-2	0	10	4
KASSALA	00	0	30	00	0	0	-	12.6		20	32		14		69	14	0	2	8
WÂD MEDANI	360	9	35	00	0	0	-	14.0		17	31		10		37	2	0	11	12
RENK	360	9	50	00	0	0	-	12.6		19	31		14		49	8	0	0	49
ROSEIRES	360	9	35	00	0	0	-			20	33		17		49	9	0	2	36
EL OBEID	360	9	30	00	0	0	-	16.1		15	27		11		20	-8	0	0	16
EL FÂSHER	50	2	30	00	0	0	-			11	27		8		41	-2	0	0	6
GENEINA	50	7	30	00	0	0	-			14	29		12		19	-9	0		4
MALAKÂL	20	13	30	00	0	0	-	11.2		31	33		18		12	-1	0	69	88
WÂU	00	00	30	00	0	0	-	11.6		21	33		19		26	1	0	261	144
JUBA	340	2	10	00	0	0	-	10.1		25	35		18		42	11	0	129	145

HUMIDITY %
Mean of day

Station	on 22nd	Diff. from normal
Alexandria	75	+9
Ezbekiya	67	0
Giza	69	-3
Helwân	64	+6

GÎZA
GRASS MINIMUM TEMP.
ON 22nd 4.0 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On At

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

Remarks

RAWINSONDE — AIRPORT — On At

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

UPPER WIND OBSERVATIONS on 21st

Station	FOUAD A.P.				PORT SAÏD				MINYA				ALMAZA											
Time	14				14				14 30				13											
Height m.	Dir.	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	7			260	5			350	12			280	7										
600	260	12			240	3			350	10			310	12										
1000	250	11			250	5			350	15			310	9										
1500	240	12			290	9			350	17			320	5										
2000	240	14			350	10			350	14														
3000					50	3																		
4000					340	8																		
5000					310	15																		
6000					280	18																		
7000																								
8000																								

UPPER WIND OBSERVATIONS on 22nd

Station	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		EL 'ARISH		HELWÂN		MINYA		ASYUT MANFALUT		LUXOR		ASWÂN		HURGHADA		
Time	5		5		3		4				6 45								5		9		
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	260	19	250	17	260	10	220	9			180	3							10	17	340	11		
600	270	20	260	12	260	11	220	8			260	3							60	22	310	10		
1000	270	22	280	17	250	13	280	9			280	11							30	16	300	14		
1500	280	20	300	18	240	14	290	15			320	9							330	10	270	5		
2000	280	19	280		230	16					350	10							210	14				
3000					240	19					ENT.Sc													
4000																								
5000																								
6000																								
7000																								
8000																								

Station	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
Time	5		5		5		6 30						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	20	290	6	360	8	360	11					40	13										
600	300	22	310	10	10	12	250	17					50	7										
1000	280	12	290	6	10	11	260	17					40	17							20	9		
1500	300	8	260	7	360	11	340	10					330	7							60	15		
2000	280	10	260	7	360	15	280	10					300	16							70	13		
3000	280	11	340	14																	80	9		
4000	270	8	280	14																	200	5		
5000	240	10																			190	5		
6000																					280	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.

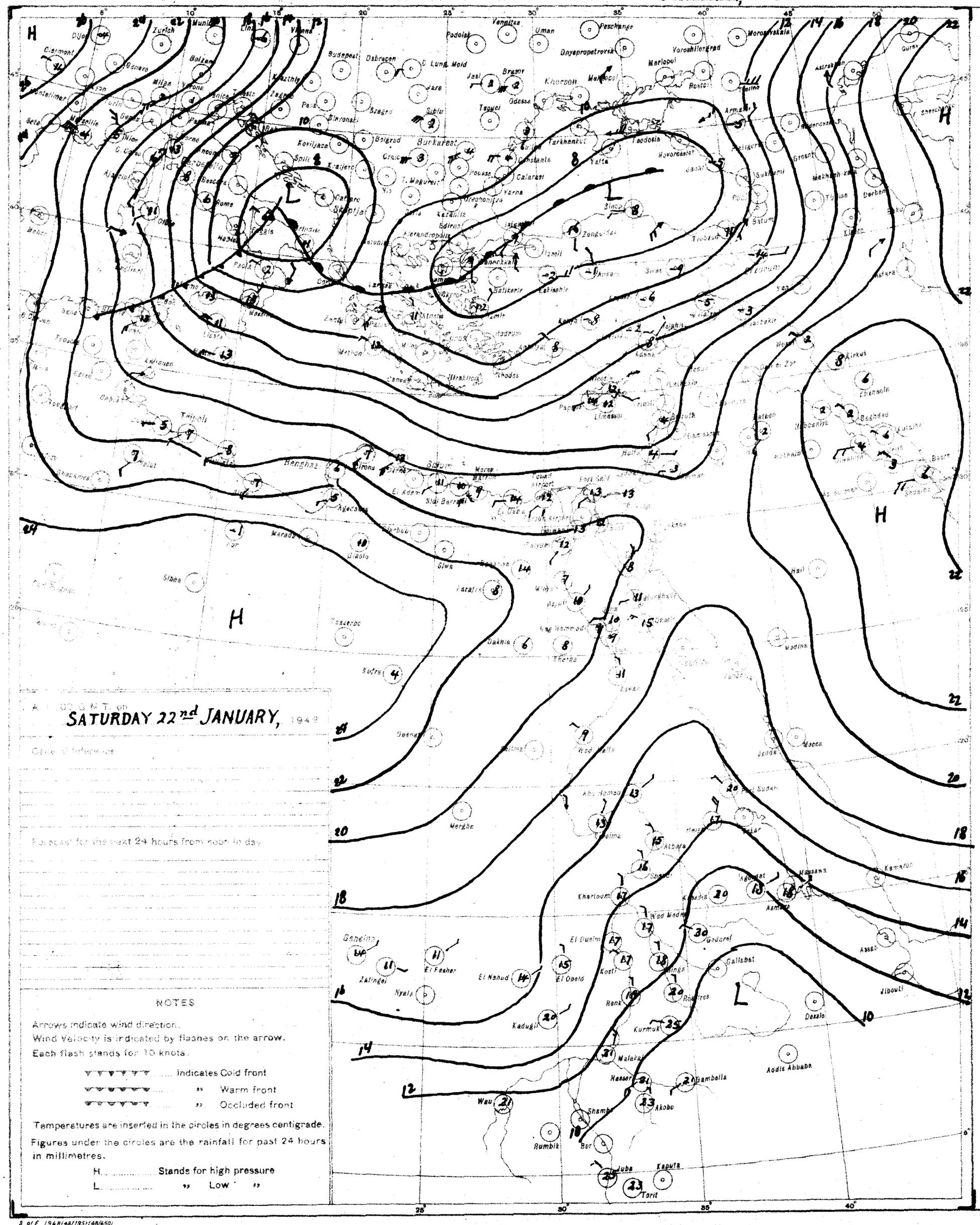
Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Z.A.S

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 22nd JANUARY, 1949


H
L
Zurich
Munich
Budapest
Debrecen
Podolsk
Vannitsa
Uman
Peschanoe
Dnyepropetrovsk
Voroshilovgrad
Mariupol
Rostov
Kherson
Odessa
Tsaruci
Jasi
Bucuresti
Constanta
Tarkhankut
Feodosia
Sevastopol
Batumi
Tbilisi
Baku
Astrakhan
Gurev
Rome
Palermo
Cagliari
Tunis
Malta
Benghazi
Tripoli
Khartoum
Wad Medani
Asmara
Massawa
Addis Ababa
Dessie
Djibouti
Aden
Mecca
Jedda
Kassala
Gedaref
Kosti
Malakal
Nasser
Gambella
Akobo
Wau
Rumbik
Bor
Juba
Kapoeta
Torit
Nyala
El Fasher
El Nahud
El Obeid
Kadugli
Kurmuk
Dessie
Callabat
Rahaita
Rank
Shambe
Merghe
Sibba
Tessenei
Kufra
Daknia
Theres
Wadi Halfa
Abu Hamad
Atbara
Khartoum
Gondar
Zalingei
Geneina
Kamaran
Assab
Aden
Mecca
Jedda
Sukhumi
Grozny
Makhach Kala
Derbent
Astrakhan
Sarajevo
Belgrad
Craiova
Bucharest
Kavadarci
Skopje
Sofia
Edirne
Istanbul
Izmit
Ankara
Sivas
Erzurum
Van
Diyarbakir
Mosul
Kirkuk
Baghdad
Basra
Beirut
Damascus
Haifa
Tel Aviv
Cairo
Port Said
Suez
Tobruk
Sidi Barrani
Alexandria
Algiers
Oran
Tangier
Malta
Palermo
Cagliari
Rome
Milan
Geneva
Zurich
Munich
Vienna
Budapest
Debrecen
Lund
Malmo
Oslo
Bergen
Stockholm
Helsinki
Leningrad
Murmansk
Archangel
Moscow
Kazan
Astrakhan
Tashkent
Samarkand
Bombay
Karachi
Quetta
Peshawar
Lahore
Delhi
Calcutta
Rangoon
Bangkok
Saigon
Hong Kong
Shanghai
Tokyo
Osaka
Sapporo
Vladivostok
Irkutsk
Novosibirsk
Omsk
Tashkent
Alma Ata
Tiflis
Baku
Tehran
Kabul
Jaipur
Ahmedabad
Bombay
Madras
Colombo

CAIRO
Time of Sunrise 04 50 G. M. T.
" " Sunset 15 24 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: SUNDAY 23rd JANUARY, 1949

At 1200 on SATURDAY 22nd

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	220	11	7	03	0	1	Ac	17.0	18	46	6
	62303	SIDI BARANI	270	9	50	02	1	1	Cu	16.6	17	56	8
	62306	MATRÛH	300	15	18	03	1	4	Cu	16.9	19	37	4
	62309	EL DABA	270	1				3	Cu	16.8	18	40	4
		ALEXANDRIA	270	9	50	01	5	3	Cu.Sc	16.7	17	52	7
	62318	FOUAD (Airport)	270	8	15	03	1	4	Cu.Sc	16.9	18	52	8
	62330	DAMIETTA	200	5	15	03	2	7	Sc	16.6	16	68	10
	62333	PORT SAÏD	290	13	12	03	2	7	Cu.Sc	16.0	17	68	11
	62336	EL 'ARISH	270	2	50	01	0	0	—	18.1	18	46	6
Lower Egypt	62339	DAMANHUR	270	9	7	01	1	4	Cu	17.6	18	60	10
	62342	MANSURA	270	5	35	02	2	6	Sc.Cu	17.1	19	52	9
	62348	TANTA	310	13	35	03	2	7	Sc	17.3	19	52	9
	62354	ZAGAZIG											
	62441	ISMAÏLIA	250	5	15	02	2	6	Sc	16.8	19	46	7
Cairo Area	62366	FAROUK (Airport)	290	13	30	03	2	6	Cb		18		8
	62372	ALMAZA	270	10	30	03	2	5	Sc,Ac	17.3	20	45	7
		EZBEKIYA	320	8	35	01	2	6	Sc	17.1	20	41	6
		GIZA	320	8	35	01	2	6	Sc	17.1	20	41	6
	62378	HELWÂN	290	5	35	02	1	5	Cu	17.2	18	46	6
Upper Egypt	62381	FAIYUM	310	2	35	01	1	4	St	16.8	20	46	8
	62384	MINYA	350	4	18	01	2	4	Sc	17.6	20	35	4
	62393	ASYUT	290	3	30	02	0	0	-	16.7	18	46	6
	62396	NAG' HAMMADI	290	3	35	00	0	0	-	16.0	21	41	7
	62402	QENA	270	5	50	00	0	0	-	16.0	19	46	7
	62405	LUXOR	320	2	30	00	0	0	-	16.1	20	41	6
	62414	ASWÂN	340	6	50	00	0	0	-	15.2	21	38	6
Oases	62417	SIWA											
	62420	BAHARÎYA	310	2	30	01	1	2	Ac	17.5	18	52	8
	62423	FARAFRA											
	62432	DAKHLA	360	6	50	00	0	0	-	—	18	46	6
	62435	KHARGA	00	0	35	00	0	0	-	18.4	20	38	5
Red Sea	62450	SUEZ	180	4	15	02	1	8	Cb	15.9	17	60	9
	62459	TOR	310	10	35	00	0	0	-	15.9	18		
	62462	HURGHADA	360	10		01	0	0	-	16.3	17	72	12
	62465	QUSEIR	360	13	15	02	0	0	-	16.0	19	64	12
	62641	PORT SUDAN	40	13	30	01	2	3	Cu	12.0	24	69	18
North Sudan	62600	WÂDI HALFA	360	12	30	01	1	1	Ac	15.3	21	33	4
	62640	ABU HAMAD	70	2	30	01	1	1	Ac	11.6	24	51	1
	62660	KAREIMA											
	62680	ATBARA	340	9	10	00	0	0	-	9.4	27	23	4
	62721	KHARTUM	20	9	30	00	0	0	-	8.3	30	22	6
	62730	KASSALA	200	5	30	00	0	0	-	5.0	32	21	7
Central Sudan	62751	WÂD MEDANI	360	5	35	00	0	0	-	5.0	32	21	7
	62801	RENK	360	9	50	00	0	0	-	10.8	30	22	6
	62802	ROSEIRES	340	5	35	00	0	0	-		35	30	15
	62771	EL OBEID	30	11	30	00	0	0	-	7.6	29	9	-7
	62760	EL FASHER	20	5	30	00	0	0	-		28	16	0
	62770	GENEINA	70	5	30	00	0	0	-		29	8	-9
S. Sudan	62840	MALAKÂL	40	12	30	00	0	0	-	4.7	33	16	4
	62880	WÂU	100	3	30	00	0	0	-	4.8	35	12	2
	62941	JUBA	50	5	30	00	0	0	-	3.1	35	25	12

At 1800 on SATURDAY 22nd

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms.
62300	SALUM	220	6	7	01	0	0	—	15.5	15	48	4	0
62303	SIDI BARANI	200	10	35	01	1	0	—	15.2	16	56	6	0
62306	MATRÛH	270	10	12	00	0	0	—	16.1	12	63	5	0
62309	EL DABA	270	15		01	0	0	—	16.5	13	51	3	0
	ALEXANDRIA	130	4	3	02	2	3	Cu.Sc	16.7	14	77	10	dr
62318	FOUAD (Airport)	220	2	12	01	0	0	—	16.6	11	82	8	0
62330	DAMIETTA	200	5		01	0	1	Cu	16.7	13	88	11	0
62333	PORT SAÏD	310	4	12	02	4	0	—	17.3	14	88	12	0
62336	EL 'ARISH	270	2	35	02	1	0	—	17.0	13	77	9	0
62339	DAMANHUR	270	5	15	01	1	0	—	17.5	12	77	8	0
62342	MANSURA	220	2	3	00	1	0	—	17.4	12	88	10	0
62348	TANTA	270	2	35	01	1	2	Cu	17.3	13	77	9	0
62354	ZAGAZIG			15	00	0	0	—	17.5	12	82	9	0
62441	ISMAÏLIA	290	2	7	02	0	0	—	17.4	13	88	11	0
62366	FAROUK (Airport)	290	5	12	01	0	0	—	16.7	14	77	10	0
62372	ALMAZA	210	5	18	00	0	0	—	17.4	13	62	6	0
	EZBEKIYA	00	0	15	00	0	0	—	17.4	12	77	8	0
	GIZA	00	0	15	00	0	0	—	17.4	11	77	7	0
62378	HELWÂN	340	5	15	01	0	0	—	17.5	15	48	4	0
62381	FAIYUM	00	0	35	01	0	0	—	17.1	13	67	7	0
62384	MINYA	00	0	10	00	0	0	—	17.9	11	63	4	0
62393	ASYUT	00	0										
62396	NAG' HAMMADI	00	0	35	00	0	0	—	15.4	13	67	7	0
62402	QENA	290	9	7	00	0	0	—	16.4	15	59	7	0
62405	LUXOR	00	0	12	00	0	0	—	16.2	14	52	4	0
62414	ASWÂN	00	0	50	00	0	0	—	15.5	17	49	6	0
62417	SIWA												
62420	BAHARÎYA	310	3	18	00	1	0	—	19.0	12	59	4	0
62423	FARAFRA	220	2	8	00	0	0	—	19.6	11	63	4	0
62432	DAKHLA	00	0	35	00	0	0	—	17.1	12	63	5	0
62435	KHARGA	00	0	15	00	0	0	—	17.5	14	52	4	0
62450	SUEZ	00	0	7	01	0	0	—	16.6	14	77	10	0
62459	TOR	20	6	15	00	0	0	—	16.0	17	42	4	0
62462	HURGHADA	280	9	50	00	0	0	—	16.5	14	59	6	0
62465	QUSEIR	330	9	15	02	0	0	—	16.4	17	52	7	0
62641	PORT SUDAN												
62600	WÂDI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	ATBARA												
62721	KHARTUM												
62730	KASSALA												
62751	WÂD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID												
62760	EL FASHER												
62770	GENEINA												
62840	MALAKÂL												
62880	WÂU												
62941	JUBA												

At 0600 on SUNDAY 23rd

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar Pressure M.S.L. mbs	Diff. from normal mbs	Temperatures °C Dry Bulb	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st	Station
62300	SALUM	220	18	7	02	0	0	—	12.4		11	19		6		51	1	0			SALUM
62303	SIDI BARANI	240	16	50	02	0	0	—	13.0		10	17		7		50	0	0	196		SIDI BARANI
62306	MATRÛH	260	16	14	00	0	0	—	13.9		8	19				66	2	0	125		MATRÛH
62309	EL DABA	270	6		01	0	0	—	14.7		12	18		6		55	3	0	98		EL DABA
	ALEXANDRIA	220	6	50	00	0	0	—	15.6	-2.9	12	18	0	9	-1	55	6	dr	146	133	ALEXANDRIA
62318	FOUAD (Airport)	200	10	14	00	0	0	—	15.3		10	19		9		76	6	0	125	98	FOUAD (Airport)
62330	DAMIETTA	180	5		28	0	0	—	16.2	-1.4	10	17		4		88	8	0	64	62	DAMIETTA
62333	PORT SAÏD	200	8	8	02	0	0	—	16.6		12	18		10		77	8	0	19		PORT SAÏD
62336	EL 'ARISH			35	02	1	0	—	17.2	-0.8	14	20	+1	8	+1	47	8	0	32	47	EL 'ARISH
62339	DAMANHUR	270	5	3	02	0	0	—	16.2	-2.1	8	20	0	7	0	71	3	0	34	56	DAMANHUR
62342	MANSURA	90	2	35	00	0	0	—	16.3	-1.6	7	20	0	5	-2	87	5	0	13	26	MANSURA
62348	TANTA	220	2	35	02	0	0	—	17.2	-1.5	9	20	0	5	-1	71	4	0	11	20	TANTA
62354	ZAGAZIG			15	00	0	0	—	16.6	-2.2	9	20	0	7	+1	88	7	0	5	14	ZAGAZIG
62441	ISMAÏLIA	00	0	7	02	0	0	—	16.7		10	20		7		88	8	0	5		ISMAÏLIA
62366	FAROUK (Airport)	00	0	12	00	0	0	—	15.7		11	19		8		67	5	0	dr		FAROUK (Airport)
62372	ALMAZA	190	6	13	00	1	0	—	16.7	-2.1	11	20		6		58	1	0	2		ALMAZA
	EZBEKIYA	00	0	15	00	0	0	—	16.7	-2.1	10	22	+2	8	0	76	6	0	6	13	EZBEKIYA
	GIZA	00	0	15	00	0	0	—	17.0	-1.9	12	22	+3	5	0	59	4	0	12	14	GIZA
62378	HELWÂN	00	0	7	00	0	0	—	17.0	-2.3	9	20	+1	8	0	88	7	0	6	14	HELWÂN
62381	FAIYUM	00	0	7	02	0	0	—	17.4	-1.7	10	22	+1	6	0	62	3	0	1	4	FAIYUM
62384	MINYA	00	0	3	10	0	0	—	17.4		7	20		2		71	2	0	4		MINYA
62393	ASYUT	00	0	30	00	0	1	Cu	17.0	—	10	20		6		67	4	0	0		ASYUT
62396	NAG' HAMMADI	00	0	35	00	0	0	—	16.2	-2.9	9	22		4		71	4	0	0		NAG' HAMMADI
62402	QENA	200	5	15	00	0	0	—	17.4	-1.4	10	21	-2	4	-3	62	3	0	dr		QENA
62405	LUXOR	00	0	30	00	0	0	—	16.6		8	22		3		63	1	0	dr		LUXOR
62414	ASWÂN	20	3	50	00	0	0	—	16.7	-2.1	11	21	-3	7	-3	63	4	0	dr		ASWÂN
62417	SIWA																		0	6	SIWA
62420	BAHARÎYA	00	0	18	00	0	0	—	18.0	-1.9	8	19	-1	3	-2	66	2	0	dr	5	BAHARÎYA
62423	FARAFRA	220	1	18	00	0	0	—	18.8		7	18		-1		71	2	0	dr		FARAFRA
62432	DAKHLA	00	0	35	00	0	0	—	16.7	-2.4	6			3	-2	71	1	0	dr		DAKHLA
62435	KHARGA	00	0	35	00	0	0	—	17.8	-1.6	9	20	-3	4	-2	71	4	0	0		KHARGA
62450	SUEZ	00	0	35	00	0	0	—	17.2	-1.1	9	20	0	7	-2	88	7	0	12	10	SUEZ
62459	TOR	40	5	15	00	0	0	—	14.6	-3.2	9	20	-1	9	0	62	2	0	0	9	TOR
62462	HURGHADA	270	7		00	0	1	Cu	15.7		12	19		7		59	4	0	dr		HURGHADA
62465	QUSEIR	310	13	15	02	0	0	—	15.5	-1.9	15			12		59	7	0	0	4	QUSEIR
62641	PORT SUDAN	320	9	30	03	2	8	Cu,Ac	13.4		21	25		18		74	16	0	34	88	PORT SUDAN
62600	WÂDI HALFA																		6		WÂDI HALFA
62640	ABU HAMAD	50	9	30	03	0	3	Ac	12.3		15	26		14		42	2	0	—		ABU HAMAD
62660	KAREIMA																		3	1	KAREIMA
62680	ATBARA	340	5	10	00	0	0	—	12.8		17	28		15		39	3	0	7	2	ATBARA
62721	KHARTUM	360	5	30	00	0	0	—	11.5		18	34		15		49	7	0	10	4	KHARTUM
62730	KASSALA	00	0	30	00	0	0	—	9.1		19	33		15		73	14	0	2	8	KASSALA
62751	WÂD MEDANI																	0	11	12	WÂD MEDANI
62801	RENK	360	9	50	00	0	0	—	12.7		19	31		15		49	2	0	0	49	RENK
62802	ROSEIRES	360	5	35	00	0	0	—			21	35		13		53	11		2	36	ROSEIRES
62771	EL OBEID	350	9	30	00	0	0	—	13.0		17	30		13		24	-4	0	0	16	EL OBEID
62760	EL FASHER	00	0	30	00	0	0	—			12	31		10		36	-3	0	0	6	EL FASHER
62770	GENEINA	70	3	18	00	0	0	—			14	32		12		27	-5	0	-	4	GENEINA
62840	MALAKÂL	20	10	30	00	0	0	—	8.7		23	35		20		24	1	0	29	88	MALAKÂL
62880	WÂU	00	0	30	00	0	0	—	8.7		22	35		17		33	5	0	261	144	WÂU
62941	JUBA	340	9	30	00	2	0	—	7.0			37		20			11	0	129	145	JUBA

HUMIDITY

Mean of day

STATION	on 22nd	Diff. from normal
Alexandria	79	+13
Ezbekiya	64	-3
Giza	66	-6
Helwan	51	-7

GIZA
GRASS MINIMUM TEMP
ON 22nd -0.7 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

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

Remarks

RAWINSONDE

On 23rd At 3 — FAROUK AIRPORT						On ... At ... AIRPORT						On ... At ... AIRPORT					
Pressure mbs	Height above M.S.L. feet	Temp °C	Humid %	Wind Dir.	Wind Vel.	Pressure mbs	Height above M.S.L. feet	Temp °C	Humid %	Wind Dir.	Wind Vel.	Pressure mbs	Height above M.S.L. feet	Temp °C	Humid %	Wind Dir.	Wind Vel.
1000	128	9	67	180	5	1000						1000					
950						950						950					
900						900						900					
850	1465	1	87	150	14	850						850					
800						800						800					
700	3018	-3		230	12	700						700					
600						600						600					
500	5586	-21		250	23	500						500					
400						400						400					
300	10178	-54		260	83	300						300					

UPPER WIND OBSERVATIONS on 22nd

Station	MATRUH		FOUAD AP		MINYA		ALMAZA	
Time	14		15		14 30		13	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	310	14	230	10	30	10	260	5
600	300	16	230	10	350	5	270	7
1000	350	30	230	15	340	5	270	3
1500	300	7	260	12	330	10	300	3
2000	310	15			340	10	290	13
3000	240	11			320	10	270	16
4000								
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 23rd

Station	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SAÏD		EL 'ARISH		HELWAN		MINYA		ASYUT MANGABAD		LUXOR		ASWÂN		HURGHADA		Almaza	
Time	5				3		3				6 45		3						5		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	240	32			260	11	220	9			140	3	360	11					10	14	330	11		
600	240	36			260	12	250	12			300	7	340	12					40	9	320	9	260	6
1000	250	31			260	12	260	15			260	6	290	5					10	4	300	3	240	4
1500					240	15	250	19			240	9	270	4					150	12	230	9	220	8
2000					240	17	240	14			250	7	270	7					260	12	250	19	190	13
3000							230	20													240	28	230	15
4000																							250	15
5000																							260	15
6000																								
7000																								
8000																								

Station	SIWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKÂL	
Time	5		5		5		6 15						5						6 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	240	20	300	8	360	3	20	10					60	20										
600	240	19	300	7	10	3	250	14					60	17					30	21				
1000	250	13	280	11	20	2	40	11					360	13										
1500	290	15	230	16	260	4	290	3					310	11					70	13				
2000	260	10	240	16	260	14							280	7					90	13				
3000	250	15	250	16	240	21							210	13										
4000	260	26	250	30																				
5000	250	24	250	18																				
6000																								
7000																								
8000																								

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

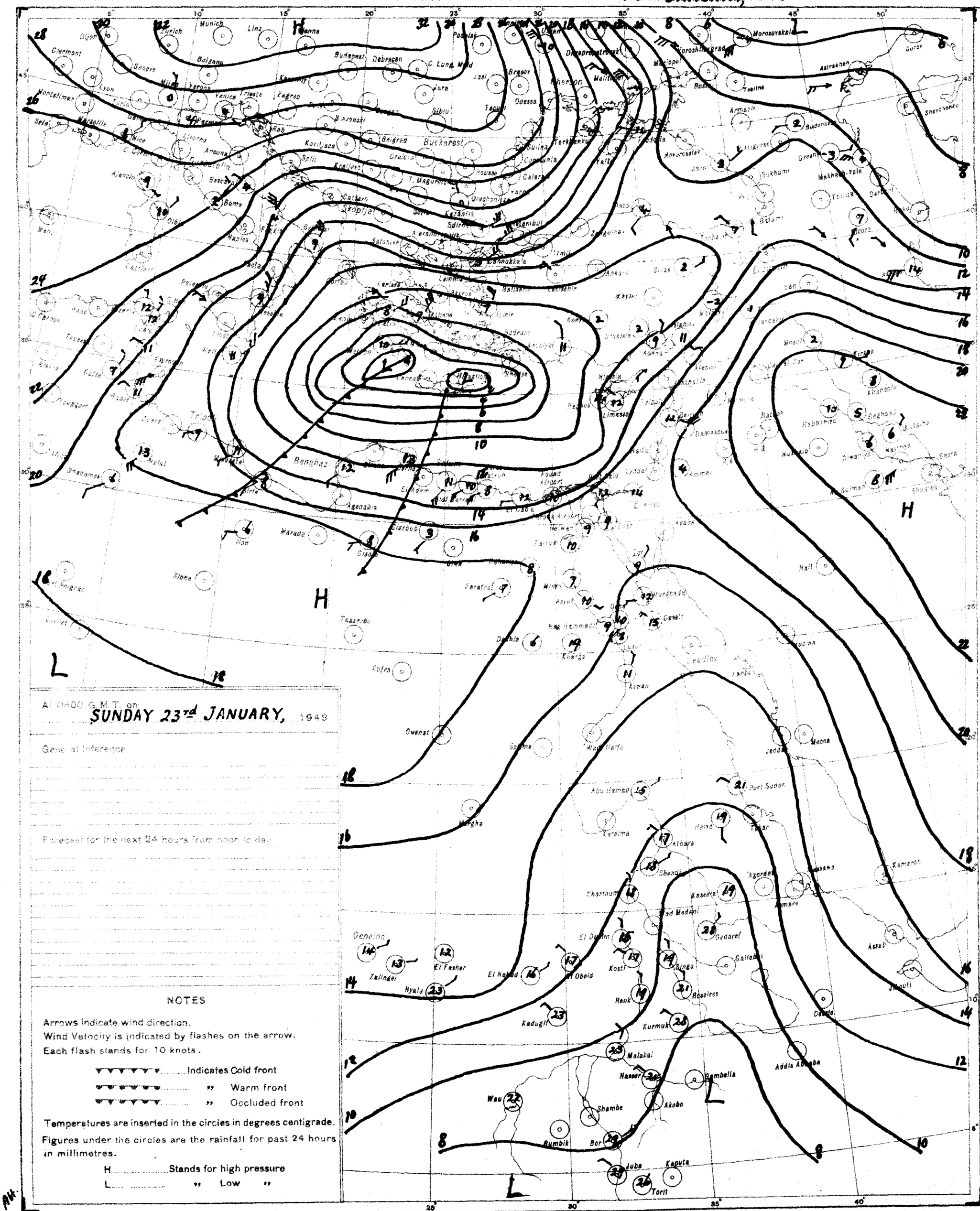
Z.A.S

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 23rd JANUARY, 1949


Munich
Linz
Vienna
Budapest
Debrecen
Zurich
Bolzano
Genève
Milan
Verona
Venice
Trieste
Zagreb
Lyon
Marseille
Nice
Ancona
Rome
Naples
Bari
Palermo
Belgrad
Bucharest
Constanta
Odessa
Sevastopol
Kherson
Dnepropetrovsk
Rostov
Astrakhan
Tashkent
Istanbul
Ankara
Izmir
Adana
Beirut
Damascus
Haifa
Cairo
Benghazi
Tripoli
Malta
Tunis
Algiers
Khartoum
Port Sudan
Addis Ababa
Asmara
Nairobi
Kampala
Mogadishu
Aden
Jeddah
Medina
Baghdad
Tehran
Tbilisi
Baku
Kuwait
Bahrain
Muscat
Karachi
Quetta
Kabul
Tashkent
Omsk
Sverdlovsk
Moscow
Leningrad
Murmansk
Archangel
Tiksi
Yakutsk
Irkutsk
Novosibirsk
Alma-Ata
Tashkent
Bombay
Calcutta
Rangoon
Bangkok
Hong Kong
Shanghai
Tokyo
Osaka
Sapporo
Vladivostok
Khabarovsk
Petropavlovsk
Nairobi
Kampala
Mogadishu
Addis Ababa
Asmara
Port Sudan
Khartoum
Wadi Halfa
Kassala
Gedaref
Malakal
Nasser
Bor
Juba
Kaputa
Torit
Wau
Rumbik
Shambe
Akobo
Bambella
Kurmuk
Roseires
Renk
Kosti
Singa
Gallabat
Kadugli
El Obeid
El Fasher
Nyala
Zalingei
Geneina
Kassala
Asmara
Massawa
Dessie
Gondar
Jimma
Assab
Kamaran
Aden
Mogadishu
Kampala
Nairobi
Dar es Salaam
Tanga
Mombasa
Zanzibar
Lindi
Beira
Tete
Salisbury
Bulawayo
Lusaka
Ndola
Blantyre
Lourenço Marques
Durban
Cape Town
Port Elizabeth
East London
Windhoek
Walvis Bay
Luanda
Lobito
Elisabethville
Leopoldville
Stanleyville
Bangui
Fort Lamy
Maiduguri
Kano
Lagos
Accra
Freetown
Dakar
Bathurst
Bissau
Conakry
Monrovia
Abidjan
Bamako
Niamey
Tamanrasset
Algiers
Tunis
Tripoli
Benghazi
Malta
Cairo
Alexandria
Port Said
Haifa
Beirut
Damascus
Baghdad
Basra
Kuwait
Bahrain
Muscat
Karachi
Quetta
Kabul
Tashkent
Alma-Ata
Novosibirsk
Omsk
Sverdlovsk
Moscow
Leningrad
Murmansk
Archangel
Tiksi
Yakutsk
Irkutsk
Vladivostok
Khabarovsk
Petropavlovsk
Tokyo
Osaka
Sapporo
Shanghai
Hong Kong
Bangkok
Rangoon
Calcutta
Bombay

CAIRO

Time of Sunrise 0450 G.M.T.

" " Sunset 1525 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: MONDAY 24th JANUARY, 1949

At 1200 on SUNDAY 23rd

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALÛM	220	18	1.5	05	3	0	—	9.0	20	49	9
	62303	SÎDI BARÂNI	220	25		02	0	0	—	9.8	18	37	3
	62306	MATRÛH	260	20		00	0	0	—	11.0	19	30	1
	62309	EL DABA	340	15		01	0	0	—	12.8	18	37	3
		ALEXANDRIA	220	10	50	00	0	0	—	12.6	18	46	6
	62318	FOUAD (Airport)	220	13	18	00	0	0	—	12.5	18	34	2
	62330	DAMIETTA	200	05	15	01	0	3	Fs, Fc	13.5	18	52	8
	62333	PORT SA'ÎD	250	09	30	02	0	1	Sc.	13.7	19	43	6
	62336	EL 'ARISH	310	09	35	03	0	1	Ci.	13.9	17	60	9
Lower Egypt	62339	DAMANHUR	270	09	15	02	1	1	Cu.	13.4	19	46	7
	62342	MANSURA	180	05	35	01	1	3	Ac.	13.3	20	41	6
	62348	TANTA	220	08	35	02	0	0	—	13.4	20	33	3
	62354	ZAGAZIG	00	0	15	00	0	0	—	14.2	18	49	7
	62441	ISMA'ÎLÎA	360	02	16	07	0	0	—				4
Cairo Area	62366	FAROUK (Airport)	240	09	30	00	0	0	—	13.2	19	46	7
	62372	ALMÂZA	250	12	30	00	0	0	—	13.3	19		1
		EZBEKÎYA	320	03	35	00	0	0	—	13.5	19	37	4
		GÎZA	320	03	35	00	0	0	—	13.5	20	35	4
	62378	HELWÂN	00	0	7	02	0	0	—	13.6	18	37	3
Upper Egypt	62381	FAIYÛM	00	0	50	02	0	0	—	14.0	20	46	8
	62387	MINYA	00	0	14	00	0	0	—	13.7	20	41	6
	62393	ASYÛT MANQABÂD	00	0	30	02	0	0	—	13.0	18	37	3
	62399	NAG' HAMMÂDI	290	01	35	00	0	0	—	13.8	20	33	3
	62402	QENA	270	02	50	00	0	0	—	13.0	19	43	6
	62405	LUXOR	020	04	30	03	0	2	Cu	12.7	20	35	4
	62414	ASWÂN	360	06	50	03	1	4	Ci	11.5	22	33	5
Oases	62417	SÎWA											
	62420	BAHARÎYA	220	03	30	00	0	0	—	14.2	20	35	4
	62423	FARAFRA	230	06	50	00	0	0	—	13.8	17	42	4
	62432	DAKHLA	230	06	50	00	0	0	—	15.1	17	42	4
	62435	KHARGA	00	0	35	00	0	0	—	13.8	19	37	4
Red Sea	62450	SUEZ	180	04	35	00	0	0	—	12.8	19	46	7
	62459	TÛR	310	05	15	00	0	0	—	13.5	19	46	7
	62462	HURGHÂDA	020	05	—	01	0	1	Cu.	13.4	19	52	9
	62465	QUSEIR	360	09	15	02	0	0	—	13.9	20	56	11
	62641	PORT SÛDÂN	06	09	30	02	1	8	Sc, Ac	9.9	25	79	21
North Sûdân	62600	WÂDI HALFA	330	20	30	17	1	7	Cu, Ac	13.5	23	24	1
	62640	ABU HAMAD	09	05	30	03	1	2	St, Ac	13.9	29	17	1
	62660	KAREIMA	02	03	30	00		2					4
	62680	'ATBARA	02	05	10								5
	62721	KHARTÛM											
	62730	KASSALA	190	09	30	00	0	3	Ac.	2.7	35	30	15
Central Sûdân	62751	WÂD MEDANI	360	09	35	00	0	0	—	3.9	32	21	7
	62801	RENK											
	62802	ROSEIRES	310	05	35	00	0	0	—				15
	62771	EL OBEID	03	09	30	00	0	0	—	5.9	29	08	-8
	62760	EL FÂSHER	150	05	30	00	0	0	—	—	30	19	4
	62770	GENEINA	240	03	30	00	0	0	—	—	32	10	-3
S. Sûdân	62840	MALAKÂL	340	04	30			2	Ac.	3.6	34	16	5
	62880	WÂU	03	03	30	00	0	0	—	3.0	33	51	3
	62941	JUBA	130	09	30	03	0			99.8	39	24	15

At 1800 on SUNDAY 23rd

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms.
62300	SALÛM	220	13	7	03	3	5	Fs, Fc.	75	16	49	5	0
62303	SÎDI BARÂNI	200	08	35	03	0	1	Ac.				1	0
62306	MATRÛH	230	13	12	00	0	0	—	9.8	14	34	-2	0
62309	EL DABA	340	11		01	0	0	—	10.0	13	37	3	0
	ALEXANDRIA	180	06	3	00	0	0	—	13.0	13	55	4	0
62318	FOUAD (Airport)	170	02	12	00	0	0	—					
62330	DAMIETTA	180	02		01	0	0	—	13.8	11	88	9	0
62333	PORT SA'ÎD	120	05	12	02	0	0	—	14.3	14	67	8	0
62336	EL 'ARISH	360	02	3	02	1	0	—	15.1	13	88	11	0
62339	DAMANHUR	270	05	3	02	0	0	—	13.5	13	67	7	0
62342	MANSURA	140	02	3	00	1	0	—	13.8	11	77	7	0
62348	TANTA	220	02	35	02	0	0	—	14.8	11	63	4	0
62354	ZAGAZIG	00	0	15	00	0	0	—	13.8	12	72	7	0
62441	ISMA'ÎLÎA	360	02	16	07	0	0	—	14.2	13	67	7	0
62366	FAROUK (Airport)	190	06	8	00	0	0	—	13.0	14	55	5	0
62372	ALMÂZA	170	09	18	00	0	0	—	13.9	14	36	-2	0
	EZBEKÎYA	00	0	15	00	0	0	—	13.8	13	55	4	0
	GÎZA	00	0	15	00	0	0	—	14.3	13	55	4	0
62378	HELWÂN	00	0	7	02	0	0	—	14.0	14	48	3	0
62381	FAIYÛM	00	0	35	02	0	0	—	13.8	12	63	5	0
62387	MINYA	00	0	8	00	0	0	—	14.6	11	51	1	0
62393	ASYÛT MANQABÂD												
62399	NAG' HAMMÂDI	00	0	35	00	0	0	—	13.1	11	77	7	0
62402	QENA	270	02	7	02	0	0	—	14.0	13	88	11	0
62405	LUXOR	00	0	12	00	1	0	—	13.7	14	52	4	0
62414	ASWÂN	00	0	50	21	2	6	Cu.	13.0	19	40	5	0
62417	SÎWA												
62420	BAHARÎYA	220	01	18	00	0	0	—	15.1	10	62	3	0
62423	FARAFRA	270	02	7	00	0	0	—	15.5	11	51	1	0
62432	DAKHLA	360	06	15	00	0	0	—	13.9	13	34	-3	0
62435	KHARGA	00	0	15	00	0	0	—	15.8	13	44	1	0
62450	SUEZ	00	0	7	02	0	0	—	14.3	14	55	5	0
62459	TÛR	04	01	15	00	0	0	—	13.5	15	59	7	0
62462	HURGHÂDA	220	06		01	0	0	—	13.8	14	63	7	0
62465	QUSEIR	040	09	15	02	0	0	—	13.6	18	60	10	0
62641	PORT SÛDÂN												
62600	WÂDI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	'ATBARA												
62721	KHARTÛM												
62730	KASSALA												
62751	WÂD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID												
62760	EL FÂSHER												
62770	GENEINA												
62840	MALAKÂL												
62880	WÂU												
62941	JUBA												

At 0600 on MONDAY 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.	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	220	12	7	02	5	6	Cu. Ac.	8.3		7	20		5		87	5	dr.	—	—
SÎDI BARÂNI	220	15	50	03	0	2	Sc, Cu	9.8		8	19		6		71	3	1	197	
MATRÛH	270	15	13	01	1	1	Sc.	9.9		8	20				76	4		125	
EL DABA	270	15		01	1	6	Cu.	10.8		10	21		7		62	3	0	94	
ALEXANDRIA	180	10	50	03	2	3	Sc.	11.1	-7.4	11	18	0	9	-1	51	1	0	146	134
FOUAD (Airport)	200	12	14	00	0	0	—	10.8		10			8		58	2	0	125	99
DAMIETTA	160	05		12	0	0	—	13.4	-4.1	10	20		4		76	6	0	64	63
PORT SA'ÎD	210	11	12	02	0	0	—	13.6		12	19		10		67	6	0	19	
EL 'ARISH	160	02	35	02	1	0	—	14.2	-2.8	9	[illegible]	+2	6	-1	88	7	0	32	48
DAMANHÛR	230	09	7	02	0	0	—	12.6	-5.6	12	20	0	8	+1	77	8	0	34	57
MANSURA	180	02	35	00	0	0	—	12.0	-4.8	7	21	+1	4	-3	71	2	0	13	27
TANTA	180	05	35	02	0	0	—	13.9	-4.7	8	20	0	6	0	58	0	0	11	21
ZAGAZIG	00	0	15	00	0	0	—	13.6	-5.2	10	20	0	6	0	62	3	0	5	14
ISMA'ÎLÎA	160	02	15	02	0	0	—	12.9		11	22		7		77	7	0	5	
FAROUK (Airport)	160	16	14	00	0	0	—	13.3		10	20		9		62	3	0	dr.	
ALMÂZA	160	12	13	00	0	0	—	13.4		10	21		8		50	0	0	2	
EZBEKÎYA	180	03	15	00	0	0	—	14.2	-4.5	9	21	+1	9	+1	62	2	0	6	13
GÎZA	180	03	15	00	0	0	—	14.6	-4.1	10	22	+3	6	+1	58	2	0	12	14
HELWÂN	130	05	7	02	0	0	—	14.3	-5.0	10	19	0	8	0	50	0	0	6	14
FAIYÛM	180	02	15	02	0	0	—	15.2	-3.9	9	21	0	5	-1	62	2	0	1	4
MINYA	190	04	6	10	0	0	—	15.8		8	20		3		50	-2	0	4	
ASYÛT MANQABÂD	090	03	30	00	0	0	—	16.0		10	22		6		50	0	0	0	
NAG' HAMMÂDI	00	0	35	00	0	0	—	17.1	-1.9	8	22		3		58	0	0	0	
QENA	320	05	15	00	0	0	—	16.9	-1.9	9	21	-2	5	-2	71	4	0	dr.	
LUXOR	00	0	30	00	0	0	—	16.1		9	22		3		47	-2	0	dr.	
ASWÂN	360	04	50	00	0	0	—	15.2	-3.6	13			9	-1	48	2	0	dr.	
SÎWA																			6
BAHARÎYA	220	05	18	00	0	0	—	15.2	-4.6	10	19	-1	3	-2	50	0	0	dr.	5
FARAFRA	220	05	35	00	0	0	—	16.4		10	20		-1		50	0	0	dr.	
DAKHLA	00	0	35	00	0	0	—	16.8	-3.1	5	20	-2	2	-3	53	-4	0	dr.	
KHARGA	00	0	35	00	0	0	—	17.6	-1.8	11	20	-3	3	-3	63	4	0		
SUEZ	00	0	15	02	0	0	—	13.6	-4.6	10	22	+2	6	-3	76	6	0	12	10
TÛR	040	05	15	00	0	0	—	14.7	-3.1	11	20	-1	7	-2	51	1	0	0	9
HURGHADA	250	06	90	00	0	0	—	14.5		12	19		8		63	5	0	dr.	—
QUSEIR	250	09	15	02	0	0	—	14.2	-3.2	16	21	-2	14	0	68	10	0	0	4
PORT SÛDÂN	340	05	30	03	2	8	Sc, Ac.	13.1		23	26		21		84	20	0	34	89
WÂDI HALFA	010	02	30	01	1	2	Ac.	15.6		11	23		9		54	2	dr.	tr.	
ABU HAMAD	070	09	30	01	1	4	Ac.	12.1		19	31		19		40	5	0		
KAREIMA	360	05	30	01	0	2	Ac.	13.2		17	31		17		39	3	0	3	1
'ATBARA	340	02	10	00	0	0	—	11.8		19	32		16		60	11	0	7	2
KHARTÛM	360	09	30	00	0	0	—	11.0		19	32		17		40	5	0	10	4
KASSALA	00	0	30	02	0	1	Ci.	9.4		22	35		15		69	16	0	2	8
WÂD MEDANI	360	05	50	00	0	0	—	11.1		19	35		14		32	2	0	11	12
RENK	360	05	50	00	0	0	—	13.8		20	32		15		43	7	0	0	49
ROSEIRES	360	05	14	00	0	0	—	11.1		25	35		19		39	10	0	2	36
EL OBEID	340	06	30	00	0	0		12.2		17	32		15		20	-6	0	0	16
EL FÂSHER	10	05	30	00	0	0	—	—		12	31		10		35	-3	0	0	6
GENEINA	70	03	30	00	0	0	—	—		15	35		14		30	-3	0		4
MALAKÂL	020	10	30	02		7	Ac.	9.1		25	36		20		30	6	0	69	88
WÂU	00	0	30	01	1	4	Ac.	9.8		23	37		21		53	13	0	261	144
JUBA	290	02	30	03	6	8	Ac, Cu	7.5		30	39		25		46	17	dr.	129	145

HUMIDITY % Mean of day

Station	on 23rd	Diff. from normal
Alexandria	54	-12
Ezbekîya	58	-9
Gîza	51	-21
Helwân	58	+1

GÎZA GRASS MINIMUM TEMP. ON 24th 0.7 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — FARUK AIRPORT — On 24th At 03

Pressure mbs.	Height above M.S.L. METRES	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	184	12	44	180	08
950		10	47		
900					
850	1527	2	75	220	19
800					
700	3079	-3		230	29
600					
500					
400					
300					

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

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

UPPER WIND OBSERVATIONS on SUNDAY 23rd

Station	MATRUH		FOUAD (Airport)		PORT SAID		MINYA		ALMAZA	
Time	13 30		14 30		14		15		13 15	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	230	09	230	14	270	04	10	12	240	08
600	230	12	220	15	230	09	20	11	220	04
1000	340	17	220	14	230	09	10	13	200	03
1500			230	13	220	13	20	11	220	12
2000			210	17			20	17	140	02
3000			240	24					140	02
4000										
5000										
6000										
7000										
8000										

UPPER WIND OBSERVATIONS on MONDAY 24th

Station	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		FARUK airport	
Time	05		05		04 30		04				0630		03						05		09		03	
Height m.	Dir.	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	33	250	33	230	16	330	16			180	13	220	13					350	19	350	09	200	09
600	270	12			220	24	330	12			200	18	250	14					360	16	320	09	230	11
1000	280	29	250	23	230	30	320	13			210	17	230	13					360	12	290	09	230	15
1500			230	23	230	23	320	14			250	17	260	18					280	10	220	10	220	19
2000			250	32							240	31	290	11					260	06	260	20	240	21
3000											230	42									220	28	230	29
4000																					260	—	230	36
5000																							240	55
6000																							240	64
7000																								
8000																								

Station	SÎWA		BAHARÎYA		DAKHLA		KHARGA		~~KAREIMA~~		~~HURGHADA~~		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
Time	05		05		05		06 15		05		04 45										08			
Height m.	Dir.	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	36	230	27	240	05	360	02	20	12	360	11												
600	280	36	240	40	290	08	320	11	50	17	10	14												
1000	280	36	240	43	300	14	320	14	60	08	350	11									360	11		
1500	280	36	250	41	290	23	310	21	70	03	300	10									150	02		
2000	270	39	250	29	300		290	20	190	07	260	15									160	03		
3000			260	36					200	05	240	33									250	08		
4000											240	32									210	17		
5000																					250	11		
6000																					250	23		
7000																								
8000																								

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

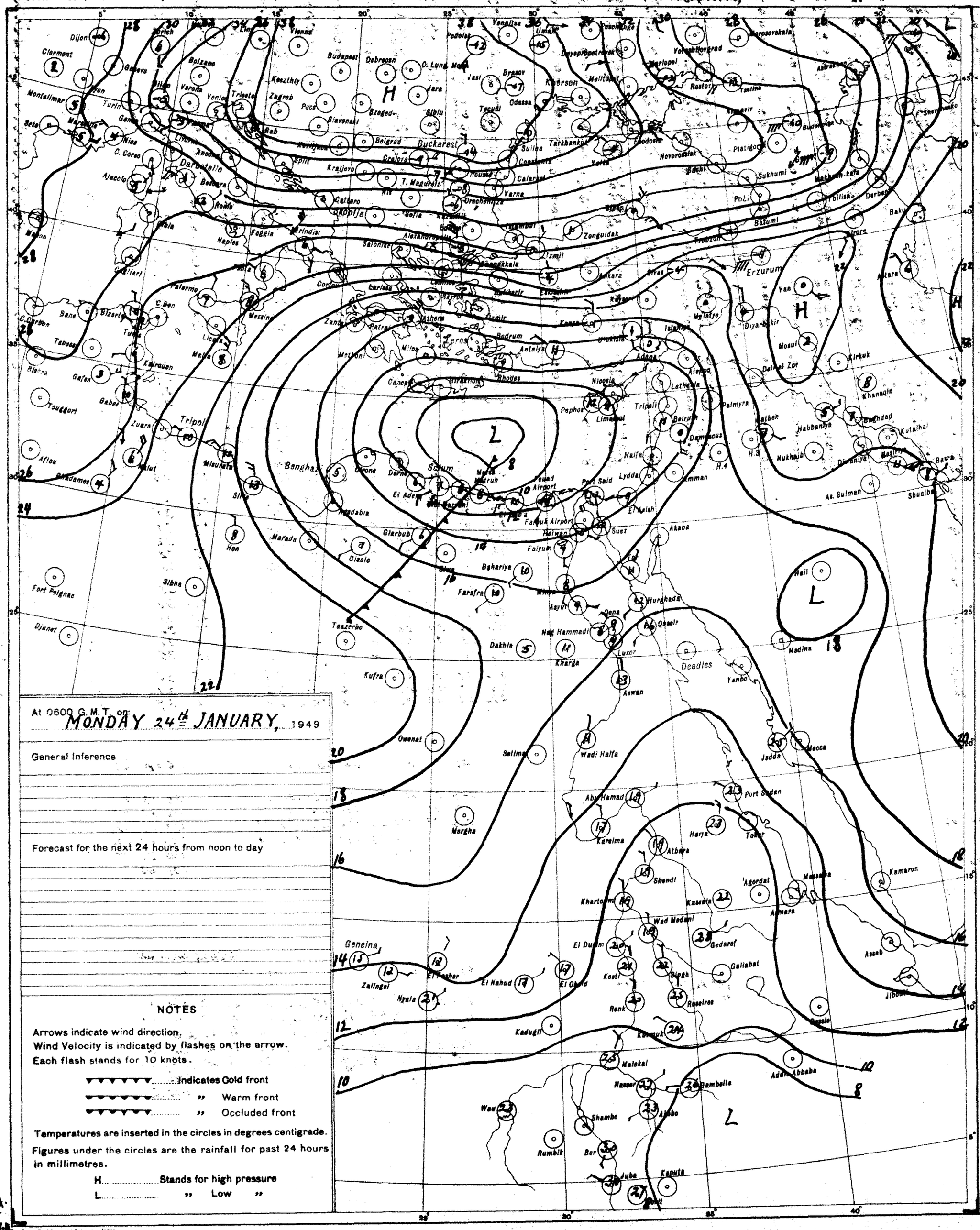
Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

S.M.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 24th JANUARY, 1949


Buckarest
Kherson
Tripoli
Benghazi
Sollum
Geneina
Port Sudan
Khartoum
Wadi Halfa
Aswan
Luxor
Deadlos
Hurghada
Suez
Cairo
Erzurum
Baku
Basra
Mecca
Jadda
Addis Abbaba
Gambella
Malakal
Kassala
Gedaref
Port Said
Lydda
Amman
Damascus
Beirut
Nicosia
Athens
Rhodes
Antalya
Izmir
Ankara
Sivas
Trebizond
Zonguldak
Istanbul
Sofia
Belgrad
Budapest
Vienna
Zurich
Rome
Naples
Palermo
Marseille
Nice
Paris
London
Madrid
Lisbon
Algiers
Tunis
Tripoli
Malta
Cairo
Khartoum
Asmara
Massawa
Kamaron
Assab
Jibouti
Berbera
Mogadishu
Kisimayu
Nairobi
Kampala
Entebbe
Juba
Kaputa
Rumbik
Bor
Shambe
Wau
Malakal
Kosti
Renk
Roseires
Gallabat
Gedaref
Kassala
Atbara
Shendi
Wad Medani
El Obeid
El Nahud
Zalingei
Hyala
Kadugli
Kutum
Fasher
Geneina
Mergha
Abu Hamad
Kareima
Haiya
Tokar
Port Sudan
Massawa
Asmara
Agordat

CAIRO

Time of Sunrise ..07.. ..47.. G. M. T.

" " Sunset ..15.. ..26.. G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date : Tuesday 25th January, 1949

At 1200 on Monday 24th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALUM	270	12	7	02	5	7	Fs,Ac	11.0	15	48	4
	62303	SÎDI BARÂNI	320	15	50	03	5	7	Sc,Cu	9.9	13	67	7
	62306	MATRÛH	340	18	18	03	1	5	Sc	9.0	14	55	5
	62309	EL DABA	270	17		03	2	4	Sc,Cu	9.9	15	39	1
		ALEXANDRIA	220	13	50	01	2	3	Ac	10.4	15	49	1
	62318	FOUAD (Airport)	270	15	18	00	0	0	—	10.1	16	64	9
	62330	DAMIETTA	200	9	15	03	0	1	Ac	11.5	19	46	7
	62333	PORT SA'ÎD	220	10	30	02	0	0	—	11.4	19	43	6
	62336	EL 'ARISH	310	9	35	00	0	1	Cu,Sc	13.0?	17	52	7
LOWER EGYPT	62339	DAMANHUR	270	19	15	02	0	0	—	11.0	17	42	4
	62342	MANSURA	280	5	35	00	0	0	—	10.6	19	37	4
	62348	TANTA	220	13	35	03	1	3	Cu	11.0	18	46	6
	62354	ZAGAZIG	220	9	15	00	0	0	—	11.8	18	37	3
	62441	ISMA'ÎLIA	250	9	35	02	0	0	—	11.8	20	24	-1
CAIRO AREA	62366	FAROUK (Airport)	240	26	30	00	0	0	—	11.1	15	45	3
	62372	ALMAZA	—										
		EZBEKÎYA	220	9	35	00	0	0	—	11.8	20	24	-1
		GÎZA	220	9	25	00	0	0	—	12.3	20	26	0
	62378	HELWÂN	220	13	35	02	0	1	Cu	11.9	18	28	-1
UPPER EGYPT	62381	FAIYÛM	240	4	30	03	0	1	Cu,Sc	12.6	20	33	3
	62387	MINYA	260	12	18	00	0	0	—	13.2	21	20	-3
	62393	ASYÛT MANQABÂD	270	2	30	02	0	0	—	13.1	20	28	1
	62399	NAG' HAMMÂDI	290	3	35	00	0	0	—	13.1	20	33	3
	62402	QENA	240	9	50	00	0	0	—	13.4	20	41	6
	62405	LUXOR	300	3	30	00	0	0	—	13.2	21	26	1
	62414	ASWÂN	360	6	50	01	1	3	Cu	13.0	21	25	0
OASES	62417	SÎWA											
	62420	BAHARÎYA	270	5	30	01	1	2	Ac	13.9	18	28	-1
	62423	FARAFRA											
	62432	DAKHLA	320	11	50	00	0	0	—	13.0	20	24	-1
	62435	KHARGA	00	0	35	00	0	0	—	14.2	22	27	2
RED SEA	62450	SUEZ	180	6	35	02	8	0	—	10.6	19	37	4
	62459	TÛR	310	2	35	00	0	0	—	13.6	20	33	3
	62462	HURGHÂDA	50	4		00	0	0	—	13.6	20	46	8
	62465	QUSEIR	20	9	15	02	0	0	—	13.4	21	57	12
	62641	PORT SUDÂN	70	9	30	01	2	3	Cu,Ac	9.3	27	74	22
NORTH SUDAN	62600	WÂDI HALFA	20	16	30	01	1	1	Ac	13.2	22	21	-1
	62640	ABU HAMAD	50	9	30	02	1	1	Ac	10.0	28	25	6
	62660	KAREIMA	340	7	30	00	0	1	Ac	9.3	26	27	5
	62680	'ATBARA	360	5	10	00	0	0	—	6.4	30	35	13
	62721	KHARTÛM	70	2	30	00	0	0	—	6.4	31	33	13
	62780	KASSALA	180	1	30	00	0	0	—	3.8	35	30	15
CENTRAL SUDAN	62751	WÂD MEDANI	360	5	35	00	0	0	—	4.6	35	22	10
	62801	RENK	360	5	50	01	1	4	Cu	6.3	33	19	6
	62802	ROSEIRES	310	5	35	00	0	0	—	—	31	33	13
	62771	EL OBEID	60	8	30	00	0	0	—	6.4	31	11	-3
	62760	EL FÂSHER	20	5	30	00	0	0	—	—	32	17	4
	62770	GENEINA	70	5	30	00	0	0	—	—	33	10	-3
S. SUDAN	62840	MALAKÂL	360	7	30	03	2	7	Ac,Cs	4.6	34	25	11
	62880	WÂU	90	1	30	01	1	6	Cu	3.2	37	18	9
	62941	JUBA	340	5	10	03	2	8	Cu,Cs	2.2	35	35	17

At 1800 on Monday 24th

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.
62300	SALUM	270	10	7	01	0	0	—	13.8	10	76	6	R
62303	SÎDI BARÂNI	290	27	35	01	5	3	Sc,Cu	13.6	12	52	5	0.3
62306	MATRÛH	300	15	12	02	5	3	Fs,Fc	11.8	15	55	6	2
62309	EL DABA	270	15		03	2	2	Cu	10.1	14	48	3	0
	ALEXANDRIA	220	19	0.02	03	2	6	Sc,Ac	10.0	14	63	7	0
62318	FOUAD (Airport)	270	12	12	01	2	5	Sc	10.5	14	52	4	0
62330	DAMIETTA	200	5		01	0	0	—	9.6	10	76	6	0
62333	PORT SA'ÎD	270	8	14	01	0	1	Sc	11.6	15	68	9	0
62336	EL 'ARISH	180	2	7	03	1	2	Cu,Sc	12.8	12	77	8	0
62339	DAMANHUR	00	0	1.3	02	0	0	—	11.5	11	63	4	0
62342	MANSURA	140	5	3	00	0	3		12.4	11	63	4	0
62348	TANTA	220	6	35	02	0	0		13.4	11	51	1	0
62354	ZAGAZIG	220	2	15	00	0	0	—	11.2	12	55	3	0
62441	ISMA'ÎLIA	270	2	7	03	2	6	Sc	13.0	15	48	4	0
62366	FAROUK (Airport)	250	17	13	00	0	0	—	13.0	14		4	
62372	ALMAZA												
	EZBEKÎYA	270	11	15	00	0	0	—	13.6	13	34	-3	0
	GÎZA	270	11	15	00	0	0	—	13.8	12	33	-4	0
62378	HELWÂN	240	7	15	02	0	0	—	13.6	13	34	-3	0
62381	FAIYÛM	220	2	35	01	0	0	—	14.2	12	55	3	0
62387	MINYA	290	4	12	00	0	0	—	14.9	13	36	-2	0
62393	ASYÛT MANQABÂD												
62399	NAG' HAMMÂDI	00	0	35	00	0	0	—	14.0	11	63	4	0
62402	QENA	270	5	7	00	0	0	—	14.8	13	55	4	0
62405	LUXOR	00	0	12	00	0	0	—	15.0	12	44	0	0
62414	ASWÂN	00	0	50	00	0	0	—	14.7	18	34	2	0
62417	SÎWA												
62420	BAHARÎYA	270	3	18	00	1	0	—	15.9	10	44	-2	0
62423	FARAFRA												
62432	DAKHLA	320	11	35	00	0	0	—	15.5	13	44	1	0
62435	KHARGA	00	0	15	00	0	0	—	14.9	14	45	2	0
62450	SUEZ	180	6	7	02	0	0	—	12.4	16	49	5	0
62459	TÛR	40	3	35	00	0	0	—	15.1	14	36	-1	0
62462	HURGHÂDA	180	3		00	0	0	—	12.8	13	55	4	0
62465	QUSEIR												
62641	PORT SUDÂN												
62600	WÂDI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	'ATBARA												
62721	KHARTÛM												
62780	KASSALA												
62751	WÂD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID												
62760	EL FÂSHER												
62770	GENEINA												
62840	MALAKÂL												
62880	WÂU												
62941	JUBA												

At 0600 on Tuesday 25th January

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL Total from Oct. 1st.	RAINFALL Normal from Oct. 1st.
62300	SALUM	320	4	1.5	25	6	8	Fs,Fc	13.3		4	17		5		88	9	8		
62303	SÎDI BARÂNI	360	3H	15	61	6	8	Ch,Cu,Ac	12.7		10	14		7		95	10	5	202	
62306	MATRÛH	290	22	12	82	8	8	Cu	9.8		8	15		7		88	6	3	128	
62309	EL DABA	210	24		03	2	5	Sc	10.6		9	19?		5		71	4	0	94	
	ALEXANDRIA	220	11	50?	02	6	3	Cb	10.4	-8.1	8	15	-3	7	-3	71	3	5	151	135
62318	FOUAD (Airport)	220	19	14	19	8	2	Cb,Ac	9.6		8			7		76	4	6	125	100
62330	DAMIETTA	200	9		03	0	1	Cu	11.1	-6.4	8	19		3		88	6	0	64	64
62333	PORT SA'ÎD	240	24	11	03	0	1	Cb	11.1		10	19		7		76	6	0	19	
62336	EL 'ARISH	180	5	1.5	10	4	1	Sc	11.3	-6.7	10	20	+1	7	0	50	0	0	32	48
62339	DAMANHUR	260	19	7	02	1	1	Cu	11.6	-6.6	8	18	-2	6	-1	71	3	0	34	58
62342	MANSURA	180	5	35	01	1	2	Ac	11.1	-6.6	6	20	0	4	-3	87	4	0	13	27
62348	TANTA	220	13	35	02	0	0	—	13.0	-5.5	7	19	-1	4	-2	87	5	0	11	21
62354	ZAGAZIG	220	2	15	00	0	0	—	13.1	-5.6	7	19	-1	6	0	76	3	0	5	14
62441	ISMA'ÎLIA	250	9	7	00	0	2	Ac	12.8		4	20		9		51	1	0	5	
62366	FAROUK (Airport)	190	17	12	01	1	1	Cu	12.2		9			7			9	0	dr	
62372	ALMAZA																		2	
	EZBEKÎYA								13.4	-5.3	8	20	0	7	-1	88	6	0	6	13
	GÎZA	180	5	15	00	0	0	—	13.8	-4.9	9	20	+1	7	+2	67	3	0	12	14
62378	HELWÂN	160	9	7	03	1	2	Ac	13.6	-5.6	8	19	0	7	-1	71	3	0	6	14
62381	FAIYÛM	240	8	35	01	1	3	St	14.7	-4.3	9	21	0	7	+1	71	4	0	1	4
62387	MINYA	00	0	10	03	2	7	Sc	16.0		8	22		5		58	0	0	4	
62393	ASYÛT MANQABÂD	270	5	30	00	0	4	Cu	16.6		4	22		6		47	0	0	0	
62399	NAG' HAMMÂDI	00	0	35	00	0	0	—	17.0	-1.9	10	21		4		50	0	0	0	
62402	QENA	240	5	15	00	0	0	—	17.2	-1.5	10	21	-2	5	-2	62	3	0	dr	
62405	LUXOR	180	2	30	00	0	0	—	17.1		12	22		5		44	0	0	dr	
62414	ASWÂN	360	9	50	00	0	0	—	17.0	-1.8	11	22	-2			51	1		dr	
62417	SÎWA																5		0	6
62420	BAHARÎYA	220	4	18	01	1	2	Ac	16.4	-3.1	8			4	-1	58	0	0	dr	5
62423	FARAFRA	270	6	35	03	0	0		18.6		15			5			1	0	dr	
62432	DAKHLA	320	5	35	00	0	0	—			7	21	-1	3	-2	57	-1	0	dr	
62435	KHARGA	00	0	35	00	0	0	—	18.6	-0.7	11	22	-1	4	-2	51	1	0	0	
62450	SUEZ	180	8	15	00	0	5	Cb	13.5	-4.7	12	22	+2	10	+1	63	5	0	12	10
62459	TÛR	40	3	7	00	0	0	—	15.0	-2.7	11	20	-1			51	1	0	0	9
62462	HURGHÂDA	280	13		00	0	0	—	14.8		14	21		9		48	3	0	dr	
62465	QUSEIR	270	9	15	02	0	0	—	14.7	-2.6	15			11		39	1	0	0	4
62641	PORT SUDÂN	350	2	30	03	2	7	Sc,Ac	10.1		25	28		22		79	21	0	34	89
62600	WÂDI HALFA	360	8	30	00	0	0	—	16.9		9	23		5		40	-4	0	Cu	
62640	ABU HAMAD	50	13	30	00	0	0	—			16	29		15		19	-8	0	—	
62660	KAREIMA	270	6	30	00	0	0	—	14.6		16	30		16		28	-3	0	3	1
62680	'ATBARA	360	9		00	0	0	—	11.5		20	33		18		28	1	0	7	2
62721	KHARTÛM	340	9	30	00	0	0	—	10.9		19	33		17		32	2	0	10	4
62780	KASSALA	00	0	30	00	0	0	—	9.0		22	36		16		69	16	0	2	8
62751	WÂD MEDANI	360	5	50	00	0	0	—	11.1		19	36		15		49	8	0	11	12
62801	RENK																	0	0	49
62802	ROSEIRES																	0	2	36
62771	EL OBEID	250	11	30	03	0	0	—	12.5		18	32		17		24	-3	0	0	16
62760	EL FÂSHER	340	5	30	00	0	2	Ac	14.2		15	34		13		36	0	0	0	6
62770	GENEINA	50	6	30	00	0	0	—			16	34		15		28	-3	0	—	4
62840	MALAKÂL	20	9	30	00	0	0	—	8.3		25	35		20		32	7	0	69	88
62880	WÂU																	0	261	144
62941	JUBA	00	0	10	03	1	7	Cu,Cs	7.9		27	37		20		62	19	0	129	145

HUMIDITY % Mean of day

STATION	on 24th	Diff. from normal
Alexandria	49	-17
Ezbekiya	41	-26
Giza	38	-34
Helwân	40	-17

GÎZA GRASS MINIMUM TEMP.

ON 25th 2.7 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks .....

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

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

UPPER WIND OBSERVATIONS on 24th

STATION	Minia				Fouad Airport				P. Said																	
TIME	15				15				14																	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	270	20			240	20			230	26																
600	270	22			240	12			230	27																
1000	270	20			260	11			230	31																
1500	240	12			250	10			220	29																
2000	230	19																								
3000																										
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 25th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		
TIME	5				4	30					6	45	3						5		9		
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	340	20									190	16	280	19					340	17	300	23		
600					200	10					220	16	320	27					350	20	290	26		
1000					260	26					260	26	280	16					350	25	260	21		
1500					240	12					260	29	260	11					330	13	260	31		
2000																			250	23				
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	5		5		5		6	15	4	45	4	15	5		4						4	45	4	15
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	300	34	280	21	300	17	320	10	350	13														
600	310	43	300	30	310	23	330	12	350	17	350	25			360	18							20	27
1000	300	40	290	34	300	22			10	16	340	33	20	25	10	20					10	11	40	21
1500	300	52	280	39					290	7	270	6	340	17	300	2					70	6	50	7
2000	310	34	280	42					240	26	220	15	250	13	60	5					180	5	10	9
3000									240	37	240	26	250	9	270	5					250	4	40	7
4000									230	25	230	38			270	2							130	15
5000																								
6000																							240	7
7000																								
8000																								

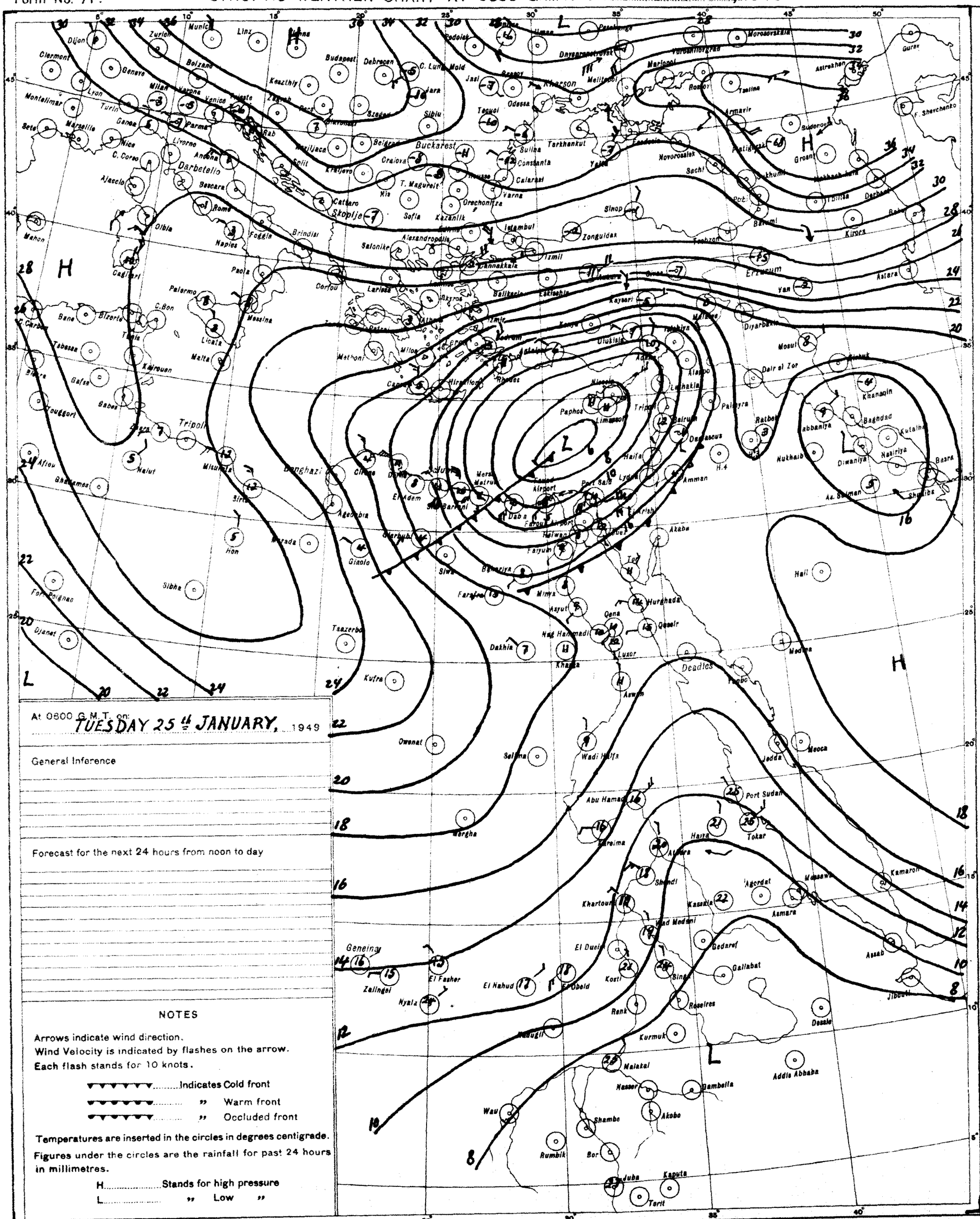
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 25th JANUARY, 1949



At 0600 G.M.T. on: TUESDAY 25th JANUARY, 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

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

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

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

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

F.H.P. of E 1948(48/195)(48/450)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 49 G. M. T.

" " Sunset 15 27 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: WEDNESDAY 26th JANUARY, 1949

At 1200 on TUESDAY 25th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALÛM	320	11	1.5	02	6	8	Ss,Fc	13.0	11	88	9
	62303	SÎDI BARÂNI	340	16	35	50	5	8	Sc,Cu	13.8	13	59	4
	62306	MATRÛH	360	27	12	02	8	8	Cb	11.3	13	63	6
	62309	EL DABA	270	15		03	6	8	Cu	9.1	10	76	6
		ALEXANDRIA	220	19	35	03	5	6	Cb	8.4	12	63	5
	62318	FOUAD (Airport)	250	15	18	03	2	6	Cu,Sc	8.6	13	63	6
	62330	DAMIETTA	200	9	15	03	2	6	Cu,Sc	8.6	14	55	5
	62333	PORT SA'ID	240	27	12	02	2	6	Ac	9.4	15	48	4
	62336	EL 'ARISH	220	24	15	02	1	1	Sc	11.1	17	42	4
Lower Egypt	62339	DAMANHUR	270	30	3	07	1	7	Sc	9.8	15	59	7
	62342	MANSURA	220	9	15	03	2	8	Sc,Cu	9.8	15	48	4
	62348	TANTA	270	22	35	03	2	8	Sc	11.0	15	48	4
	62354	ZAGAZIG	220	9	7	09	3	6	Cu	10.6	16	49	5
	62441	ISMA'ILIA	250	13	12	03	6	0	—	10.7	16	49	5
Cairo Area	62366	FAROUK (Airport)	240	28	4	03	0	1	Cu	10.2	16	42	3
	62372	ALMAZA	240	28	1.7	32	3	4	Sc	10.7	16	28	-3
		EZBEKIYA	220	21	7	03	0	1	Ac	11.1	16	32	-1
		GIZA	220	21	7	03	0	1	Ac	11.6	16	32	-1
	62378	HELWÂN	200	24	1.5	31	3	8	Ac	11.8	15	30	-3
Upper Egypt	62381	FAIYÛM	200	13	7	09	3	8	Sc	12.0	16	42	3
	62387	MINYA	280	15	12	03	2	5	Cu	14.6	17	28	-2
	62393	ASYÛT MANQABAD	290	9	30	01	1	2	Cu	14.8	16	36	1
	62399	NAG' HAMMÂDI	340	3	35	00	0	0	—	14.6	16	42	3
	62402	QENA	240	9	50	02	0	1	Ci	14.4	17	34	1
	62405	LUXOR	290	13	30	00	0	0	—	14.4	18	34	2
	62414	ASWÂN	320	6	50	00	0	0	—	14.7	19	28	0
Oases	62417	SÎWA	270	19	15	00	0	0	—	18.6	15	59	7
	62420	BAHARÎYA	270	8	30	03	2	8	Ci	14.8	16	36	1
	62423	FARAFRA	270	15						17.4	15	48	4
	62432	DAKHLA	320	22	15	00	0	0	—	17.2	16	32	-1
	62435	KHARGA	330	2	35	00	0	0	—	17.1	17	34	1
Red Sea	62450	SUEZ	180	9	35	01	0	3	Cu	11.2	17	26	-3
	62459	TÛR	310	10	15	00	0	0	—	14.8	16	42	3
	62462	HURGHÂDA	280	15		02	1	3	Ss,Fc	12.8	18	46	6
	62465	QUSEIR	270	13	15	02	0	0	—	13.6	21	26	1
	62641	PORT SUDÂN	40	13	10	01	1	1	Cu,Ac	7.8	27	42	13
North Sudan	62600	WÂDI HALFA	340	16	30	00	0	0	—	15.1	19	28	0
	62640	ABU HAMAD											
	62660	KAREIMA											
	62680	'ATBARA	360	9	10	00	0	0	—	7.5	29	22	5
	62721	KHARTÛM	310	9	30	01	0	1	Ac	7.4	30	22	6
	62730	KASSALA	270	5	30	00	0	0	—	3.0	36	35	18
Central Sudan	62751	WÂD MEDANI	360	5	35	00	0	0	—	5.0	34	20	8
	62801	RENK											
	62802	ROSEIRES	250	5	35	00	0	0	—		38		
	62771	EL OBEID	360	13	30	03	0	0	—	7.2	29	13	-2
	62760	EL FÂSHER	50	9	30	00	0	0	—		29	17	1
	62770	GENEINA	20	5	30	00	0	0	—		30	11	-4
S. Sudan	62840	MALAKÂL	50	7	30	03	1	4	Ac	2.9	37	17	8
	62880	WÂU	170	1	30	00	0	0	—	2.4	37	24	13
	62941	JUBA	90	5	30	03	2	8	Cu,Cs	1.3	38	21	12

At 1800 on TUESDAY 25th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALÛM												
SÎDI BARÂNI	320	13	35	01	5	2	Sc,Cu		11	39	1	1
MATRÛH	360	17	12	25	8	7	Cb		10	88	8	8
EL DABA	270	17		03	6	5	Cu		9	71	4	4
ALEXANDRIA	290	20	3	03	6	8	Cu	10.6	11	88	9	1
FOUAD (Airport)	320	12	12	81	8	8	Fs,Fc	10.7	12	88	10	1
DAMIETTA	200	5		01	5	0	—	9.5	10	88	8	tr.
PORT SA'ID	240	18	6	01	2	2	Sc	9.8	12	63	5	0
EL 'ARISH	220	9	3	03	2	9		11.1	13	44	1	0
DAMANHUR	270	9	7	01	1	0	—	10.0	11	88	9	0
MANSURA	180	5	3	00	1	0	—	9.9	10	76	6	0
TANTA	220	8	35	02	2	8	Sc	11.8	12	77	8	0
ZAGAZIG	220	5	3	02	2	6	Cu	10.4	12	63	5	0
ISMA'ILIA	250	9	14	02	3	8	As	12.8	12	63	5	0
FAROUK (Airport)	200	20	8	05	2	3	Sc	11.3	12	63	5	0
ALMAZA	220	17	9	03	1	7	Sc	11.5	12	67	6	0
EZBEKIYA	180	2	15	03	1	4	Sc	11.8	12	77	8	0
GIZA	180	2	15	03	1	4	Sc	12.3	12	67	6	0
HELWÂN	200	11		00				12.8	11	77	7	0
FAIYÛM	220	6	35	01	0	0	—	12.7	12	63	5	0
MINYA	290	15	8	60	6	6	Ac	16.5	12	51	2	tr.
ASYÛT MANQABAD												
NAG' HAMMÂDI	00	0	35	00	0	0	—	16.8	9	71	4	0
QENA	270	5	7	02	2	2	Ci	16.4	10	62	3	0
LUXOR	290	3	15	00	0	0	—	16.7	11	47	0	0
ASWÂN	00	0	50	00	0	0	—	17.0	15	36	0	0
SÎWA	320	18	7	00	0	0	—	18.6	11	63	4	0
BAHARÎYA	310	10	18	03	2	8	Ac	16.4	12	72	7	0
FARAFRA	310	12	7	03	3	6	As	18.7	13	55	4	0
DAKHLA	320	10	15	00	0	0	—	18.4	11	51	1	0
KHARGA	00	0	15	00	0	0	—	18.7	12	51	2	0
SUEZ	180	8	7	01	0	0	—	11.4	14	48	3	0
TÛR	310	10	15	00	0	0	—	15.6	16	32	-1	0
HURGHÂDA	270	8		01	0	0	—	14.7	12	51	2	0
QUSEIR	330	9	15	02	0	0	—	14.4	16	32	-1	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on WEDNESDAY 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.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	220	12	7	03	2	6	Fs,Fc	17.5		10			7		76	6	1		
SÎDI BARÂNI	290	13	35	50	6	8	Sc,Cu,Ac	17.9		10	14		8		88	8	3	205	
MATRÛH	280	14	11	03	2	6	Cb	17.1		8	14		8		88	6	15	143	
EL DABA	270	18		03	6	4	Cu	17.5		11	14		5		63	4	9	103	
ALEXANDRIA	310	16	30	02	6	4	Sc,Cu	15.1	-3.3	12	14	-4	8	-2	77	8	7	158	137
FOUAD (Airport)	310	10	15	03	8	4	Cu,Sc	14.2		13	14		10		63	6	6	131	102
DAMIETTA	220	9		25	6	8	Cu,Sc	13.8	-3.6	11	15		6		88	9	5	69	65
PORT SA'ID	260	13	12	02	8	7	Cu,Sc	12.6		11	16		10	-1	88	9	5	24	
EL 'ARISH	220	13	35	61	6	8	Cb	12.4	-5.6	10	18	-1	9	+2	95	10	1	33	49
DAMANHUR	310	5	1.5	60	8	8	Cb	15.0	-3.1	11	15	-5	7	0	88	9	12	46	59
MANSURA	270	5	15	03	6	6	Cb	14.2	-3.4	10	16	-4	8	+1	95	10	7	20	28
TANTA	220	16	7	02	6	8	Sc	15.9	-2.5	10	15	-5	6	0	95	10	5	16	21
ZAGAZIG	220	2	7	02	5	8	Cu	15.6	-3.0	10	16	-4	8	+2	95	10	2	7	15
ISMA'ILIA	250	9	14	81	6	8	As	14.4		10	16		9		84	8	3	8	
FAROUK (Airport)	280	14	6	81	6	8	Sc	15.7		8	16		4		95	8	2	2	
ALMAZA	240	14	10	03	1	8	Sc	16.0	-2.6	9	16		8		88	7	1	3	
EZBEKIYA	180	2	7	51	2	7	Sc	16.6	-2.0	9	16	-4	8	0	88	7	0.1	7	14
GIZA	180	2	7	51	2	7	Sc	16.7	-1.9	9	17	-2	7	+2	82	6	0.6	12	15
HELWÂN	200	4	1.5	61	6	8	Fs,Fc	16.7	-2.5	8	15	-4	8	0	95	8	2	8	15
FAIYÛM	330	5	35	01	2	7	Cb	18.3	-0.6	8	16	-5	7	+1	94	7	0	1	4
MINYA	300	9	10	02	1	3	Cu	18.9		9	17		7		62	2	tr.	4	
ASYÛT MANQABAD	300	10	30	00	0	3	SC	19.1		10	18		6		67	4	0	0	
NAG' HAMMÂDI	290	3	35	00	0	0	—	19.6	+0.7	11	18		6		51	1	0	0	
QENA	290	9	15	02	2	6	Ac	19.4	+0.7	12	18	-5	7	0	55	3	0	tr.	
LUXOR	320	6	30	01	1	2	Cu	19.0		11	18		5		54	2	0	tr.	
ASWÂN	340	8	50	00	0	0	—	20.7	+2.0	10	20	-4	0	-5	54	1	0	tr.	
SÎWA	270	10	15	03	2	8	Ac	21.5	+1.1	10	16	-4	7	+3	76	6	0	0	6
BAHARÎYA	270	6	18	01	1	3	Ac	19.4	-0.3	6	15	-5	5	0	76	2	0	tr.	5
FARAFRA	310	13	35	01	1	4	Cb,Ac	22.2		9	16		4		62	2	0	tr.	
DAKHLA	320	11	15	03	2	6	Cu,Sc	20.8	+0.8	10	17	-5	3	-2	62	3	0	tr.	
KHARGA	340	1	15	00	0	4	Ci	21.6	+2.3	10	19	-4	5	-1	50	0	0	0	
SUEZ	270	4	15	00	0	4	Cu	14.2	-3.9	12	18	-2	10	+1	63	5	0	12	10
TÛR	310	17	15	00	0	5		15.9	-1.8	13	16	-5	9	0	77	9	0	0	9
HURGHADA	280	8		00	0	3	Cu,Sc	16.3		13	19		9		67	7	0	tr.	
QUSEIR	270	24	15	02	0	0	—	16.0	-1.3	13	22	-1	12	-2	55	4	0	0	4
PORT SUDÂN	340	13	30	03	2	8	Sc	13.9		22	28		21		44	9	0	34	89
WÂDI HALFA	360	3	10	03	0	8	Cs	21.8		7	20		5		57	-1	0	tr.	
ABU HAMAD	50	5	30	00	0	0	—	18.5		11	26		9		38	-3	0	—	
KAREIMA	20	8	30	00	0	0	—	20.3		11	26		10		38	-3	0	3	1
'ATBARA	340	19			0	0	—	16.7		15	30		13		30	-3	0	7	2
KHARTÛM	360	19	10	07	0	0	—	16.5		15	31		14		39	1	0	10	4
KASSALA	340	5	30	01	1	2	Ac	13.4		18	37		15		37	3	0	2	8
WÂD MEDANI	360	19	35	00	0	0	—	15.4		17	35		15		28	-2	0	11	12
RENK	360	9	50	00	0	0	—	13.8		20	33		16		21	-3	0	0	49
ROSEIRES	360	9	35	00	0	0	—			21	39		19		38	5	0	2	36
EL OBEID	350	16	30	00	0	0	—	17.0		15	31		13		27	-4	0	0	16
EL FÂSHER	20	10	30	00	0	0	—			13	31		12		41	0	0	0	6
GENEINA	50	14	30	01	0	3	Cs			13	32		12		29	-5	0	—	4
MALAKÂL	20	20	10	00	0	0	—	11.0		23	38		21		17	-4	0	69	88
WÂU	360	5	30	00	1	0	—	9.0		24	39		19		30	5	0	261	144
JUBA	20	4	30	02	2	8	Cs	7.2		29	39		20		22	5	0	129	145

HUMIDITY % Mean of day

Station	on 25th	Diff. from normal
Alexandria	62	-4
Ezbekiya	70	+4
Giza	60	-12
Helwân	66	+9

GÎZA

GRASS MINIMUM TEMP. ON 26th 5.0 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

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

Remarks

RAWINSONDE

On Farouk 26th At 6 AIRPORT						On At AIRPORT						On At AIRPORT					
Pressure mbs.	Height above M.S.L. Feet	Temp. °C	Humid. %	Wind Dir.	Wind Vel.	Pressure mbs.	Height above M.S.L. Feet	Temp. °C	Humid. %	Wind Dir.	Wind Vel.	Pressure mbs.	Height above M.S.L. Feet	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	128	8	88	250	15	1000						1000					
950		7	88			950						950					
900						900						900					
850	1459	2	75			850						850					
800						800						800					
700	2994	-8	95			700						700					
600						600						600					
500	5544	-12				500						500					
400		-32				400						400					
300	9138	-41				300						300					

UPPER WIND OBSERVATIONS on 25th

Station	Matruh		P.Said		Minya	
Time	14		14		15	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	330	21	230	30	260	26
600	330	19	230	35	260	36
1000			230	40	260	23
1500					270	30
2000						
3000						
4000						
5000						
6000						
7000						
8000						

UPPER WIND OBSERVATIONS on 26th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'îd		El 'Arîsh		Helwân		Minya		Asyût Manqabad		Luxor		Aswân		Hurghada		
Time	5		5										3						5		9		
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300	310	20	330	8									10	17					310	12	280	33	
600	320	17	350	10									20	18					320	20	290	36	
1000	330	14											10	16					330	25	290	18	
1500													10	15							280	12	
2000																					300		
3000																							
4000																							
5000																							
6000																							
7000																							
8000																							

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	5		5		5		6 15						4 30						3 15				4 15	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	310	31	290	26	310	23	320	13					10	19										
600	310	32	300	36	310	25	320	17					10	39					360	15			20	23
1000	320	30	310	41	310	26	310	16					10	40					10	22			20	55
1500	320	11	310	22	310	39	310	30					340	38					40	24			70	19
2000			320	23									280	30					50	22			40	10
3000													240	31									160	7
4000																							140	11
5000																								
6000																								
7000																								
8000																								

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

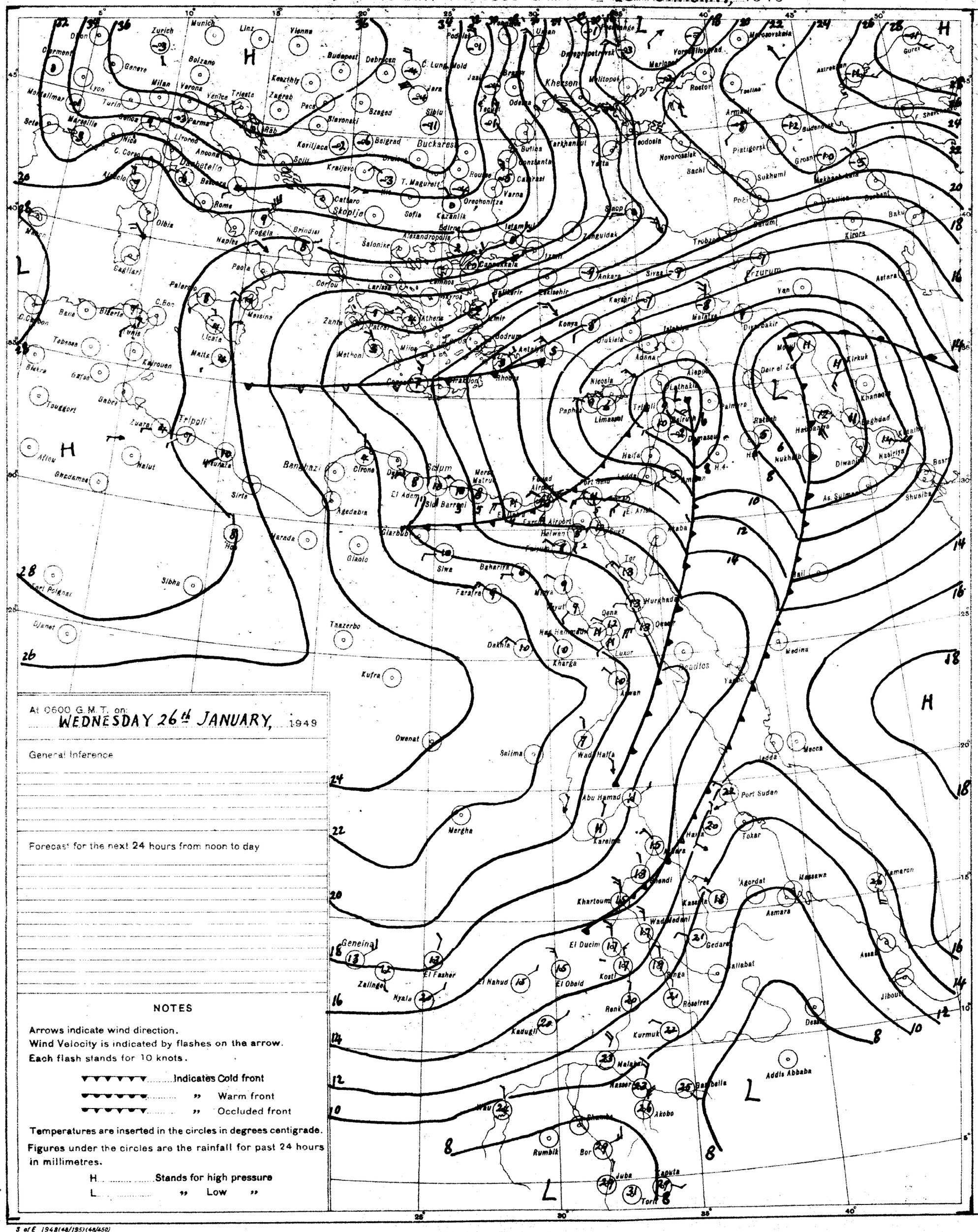
Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

F.G.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 26th JANUARY, 1949



At 0600 G.M.T. on: WEDNESDAY 26th JANUARY, 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

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

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

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

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

F.H.A.

S of E 1948(48/195)(48/450)

SCALE 1:15,000,000

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

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

Form No 7 F.

DAILY WEATHER REPORT

Date: THURSDAY 27th JANUARY, 1949

At 1200 on WEDNESDAY 26th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean Coast	62300	SALUM	290	7	7	03	2	8	Ci,Cc	17.2	14	55	5
	62303	SIDI BARANI	340	11	35	50	5	8	Sc,Cu	17.4	10	95	10
	62306	MATRUH	290	13	18	20	2	8	Cb	16.0	12	77	8
	62309	EL DABA	270	16		03	2	3	Cu	15.8	13	67	7
		ALEXANDRIA	340	6	50	02	6	5	Cb	15.0	14	55	5
Nile Delta	62316	FOUAD (Airport)	310	10	15	01	2	5	Sc	14.7	14	52	4
	62330	DAMIETTA	270	13	15	01	1	3	Cu	13.6	14	67	8
	62332	PORT SAÏD	280	11	12	01	8	7	Cu,Sc	13.9	12	88	10
	62336	EL 'ARISH	300	19	15	01	2	5	Cb	13.4	13	88	11
Canal Region	62339	DAMANHUR	310	9	7	02	6	8	Cb	15.4	13	77	9
	62342	MANSURA	320	9	15	03	5	8	Cb	14.7	14	55	5
	62345	TANTA	220	13	35	02	5	6	Cu	16.0	15	68	9
	62354	ZAGAZIG	220	5	3	03	2	6	Cu	15.5	14	77	10
	62441	ISMAILIA	270	9	15	03	1	5	Sc	14.8	15	59	7
Cairo	62366	FAROUK (Airport)	270	14	14	02	2	6	Cb	15.4	15	55	6
	62377	ALMAZA	270	13	30	02	2	7	Sc	16.9	15	54	5
		EZBEKIYA	270	11	15	02	2	6	Sc	15.8	15	48	4
		GIZA	270	11	15	02	2	6	Sc	16.0	15	48	4
	62378	HELWAN	270	13	35	02	6	6	Cu	15.9	14	55	5
Upper Egypt	62381	FAIYUM	330	5	35	02	2	7	Cb	17.2	15	48	4
	62387	MINYA	320	11	18	02	1	4	Cu	17.9	16	30	-2
	62393	ASYUT (Manfalut)	310	10	30	03	1	4	Cu	17.6	14	59	6
	62399	NAG' HAMMADI	290	3	35	00	0	0	—	18.1	14	48	3
	62402	QENA	290	1	50	01	1	1	Ci	17.1	15	39	1
	62405	LUXOR	330	9	30	00	0	0	—	17.5	14	39	0
	62414	ASWAN	340	6	50	00	0	0	—	17.9	16	34	[illegible]
Western Desert	62417	SIWA	270	8	15	00	0	0	—	21.0	15	48	4
	62420	BAHARIYA	310	3	30	02	1	5	Ac	18.8	14	48	3
	62423	FARAFRA											
	62432	DAKHLA	320	11	50	00	0	0	—	18.7	14	48	3
	62435	KHARGA	00	0	35	00	0	0	—		15	39	1
Red Sea Coast	62438	SUEZ	270	3	35	00	1	8	Cu	14.7	14	55	5
	62439	TOR	310	4	15	00	0	4	Cu	16.0	17	52	7
	62462	HURGHADA	280	11		02	1	3	Ci,Cc	16.0	16	45	4
	62465	QUSEIR	270	19	15	02	0	0	—	16.2	18	28	-1
	62841	PORT SUDAN	40	19	30	02	2	8	Sc	12.8	22	61	14
Sudan	62618	WADI HALFA	360	13	10	01	0	1	Ac	19.2	16	32	-1
	62840	ABU HAMAD	50	19	30	03	0	3	Ac,Ci	15.6	19	19	-5
	62495	KAREIMA	360	15	30	00	0	0	—	17.1	19	21	-4
	62708	ATBARA	360	19						13.5	22	11	-9
	62721	KHARTUM	350	19	10	07	0	0	—	13.1	23	20	-1
	62730	KASSALA	330	9	30	00	1	0	—	8.4	29	35	12
Equatorial Region	62731	WAD MEDANI	360	13	35	00	0	0	—	10.0	27	40	12
	62501	RENK	50	5	50	00	0	0	—	10.2	27	17	0
	62502	ROSEIRES	310	5	35	00	0	0	—		36	19	9
	62511	EL OBEID	40	19	30	00	0	0	—	12.1	22	12	-9
	62760	EL FASHER	60	9	30	00	0	2	Ac,Ci		24	24	2
	62770	GENEINA	50	11	30	00	0	0	—		24	11	-9
Equatorial Sudan	62840	MALAKAL	20	17	30	03	1	6	Ac	7.3	30	11	-3
	62880	WAU											
	62941	JUBA	50	5	18	03	2	8	Cu,Cs		38	22	13

At 1800 on WEDNESDAY 26th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	320	10	7	20	5	8	Ci,Cc	17.9	11	77	7	dr.
SIDI BARANI	320	9	18	50	5	8	Sc,Cu	14.5	12	63	5	1
MATRUH												
EL DABA	270	22		03	2	2	Cu		22	33	5	0
ALEXANDRIA	310	13	3	03	6	8	Cb	15.6	11	88	9	3
FOUAD (Airport)	290	8	6	81	8	7	Cu,Sc	16.3	11	94	10	7
DAMIETTA	200	5		03	2	8	Cu,Sc	15.0	11	77	7	3
PORT SAÏD	270	14	12	01	2	1	St	16.1	11	77	7	5
EL 'ARISH	220	13	7	02	2	5	Cb	15.6	12	77	8	3
DAMANHUR	310	5	1.5	60	6	8	Cb	16.4	11	88	9	2
MANSURA	320	5	3	03	5	8	Cb	16.4	9	88	7	dr.
TANTA	220	13	7	03	5	8	St	17.2	10	76	6	dr.
ZAGAZIG	220	2	15	00	1	0	—	17.5	10	88	8	0
ISMAILIA	250	5	15	02	1	4	Sc	15.4	12	77	8	0
FAROUK (Airport)	340	3	12	01	2	2	Sc	17.2	11	71	6	0
ALMAZA	210	4	12	00	2	6	Sc	17.1	11	73	6	dr.
EZBEKIYA	00	0	15	01	2	4	Sc	17.0	12	63	5	dr.
GIZA	00	0	15	01	2	4	Sc	17.4	11	77	7	0
HELWAN	00	0	50	01	2	8	Sc,Cu	18.0	11	77	7	5
FAIYUM	310	2	35	02	2	7	Cb	17.5	13	55	4	0
MINYA	320	8	10	01	1	1	Cu	19.1	10	41	-3	0
ASYUT (Manfalut)												
NAG' HAMMADI	00	0	35	00	0	0	—	19.4	8	71	3	0
QENA	270	5	7	00	1	0	—	19.5	9	71	4	0
LUXOR	270	2	12	00	0	0	—	19.2	9	54	0	0
ASWAN	00	0	50	00	0	0	—	20.0	14	27	-5	0
SIWA	270	7	7	00	0	0	—	20.8	12	63	5	0
BAHARIYA	270	3	30	01	1	3	As	19.9	10	58	2	0
FARAFRA	310	2	7	01	1	0	—	21.6	4	87	2	0
DAKHLA	270	5	35	00	0	0	—	20.3	10	50	0	0
KHARGA	320	1	15	00	0	0	—	21.8	11	41	-2	0
SUEZ	270	3	7	01	0	0	—	16.6	14	48	3	0
TOR	310	9	15	00	0	0	—	17.0	14	55	5	0
HURGHADA	260	6	50	00	1	0	—	18.1	11	63	4	0
QUSEIR	270	19	15	02	0	0	—	17.4	15	30	-3	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 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	Diff. from normal mbs	Temperatures °C Dry Bulb	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew Point °C	Rainfall mms Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st
SALUM	20	12	1.5	23	6	8	Ci,Cc	18.2		8	14		5		95	8	7		
SIDI BARANI	40	13	35	50	6	8	Cb,Ac	18.3		10	15		9		76	6	4	209	
MATRUH	10	5	13	81	8	8	Cb	17.6		9			7		88	7	16	154	
EL DABA	270	15		03	6	6	Cu	17.4		11	15		8		88	9	7	110	
ALEXANDRIA	310	16	50	02	6	8	Cb	16.0	-2.4	10	15	-3	8	-2	76	6	24	182	139
FOUAD (Airport)	220	7	12	25	8	8	Sc	16.0		8	15		8			9	22	153	103
DAMIETTA	200	13		02	2	8	Cu,Sc	16.4	-0.9	10	15		7		88	8	4	73	66
PORT SAÏD	220	14	12	02	2	7	Sc	16.5		11	15		10		77	7	10	34	49
EL 'ARISH	220	9	15	03	2	8	St	17.5	-0.4	12	15	-4	10	+3	63	5	3	36	49
DAMANHUR	270	10	7	02	6	8	As	17.0	-1.0	9	14	-6	8	+1	82	6	3	49	60
MANSURA	220	5	15	03	2	5	Cb	16.4	-1.2	9	15	-5	8	+1	88	7	dr.	20	28
TANTA	220	13	7	02	5	8	Sc	17.9	-0.4	10	16	-4	7	+1	76	6	dr.	16	22
ZAGAZIG	220	2	3	01	2	6	Cu	17.9	-0.7	10	17	-3	8	+2	76	6	0	7	15
ISMAILIA	200	9	7	02	2	8	As	17.8		11	17		10		63	4	0	8	
FAROUK (Airport)	200	17	12	02	2	8	Ci,Cc	17.6		10	15		9		62	3	0	2	
ALMAZA	220	14	18	02	2	8	Sc	17.9	-0.6	11	15		9		58	2	dr.	3	
EZBEKIYA	220	8	15	03	2	8	Sc	18.6	+0.1	11	16	-4	9	+1	62	4	dr.	7	14
GIZA	220	8	15	03	2	8	Sc	18.4	-0.1	11	16	-3	8	+3	58	3	0	12	15
HELWAN	180	8	35	02	2	8	Sc	18.8	-0.4	9	14	-5	9	+1	71	4	5	13	15
FAIYUM	240	9	35	02	2	7	Cb	19.9	+1.0	10	17	-4	7	+1	62	3	0	1	4
MINYA	250	9	10	02	2	2	Ac	20.8		8	16		6		54	-1	0	4	
ASYUT (Manfalut)	270	5	30	00	0	1	Cu,Sc	21.7		9	16		7		67	3	0	0	
NAG' HAMMADI	00	0	35	00	0	0	—	22.6	+3.8	9	16		2		47	-2	0	0	
QENA	270	5	15	00	0	0	—	22.2	+3.6	8	16	-7	1	-6	58	0	0	dr.	
LUXOR	180	3	30	00	0	0	—	21.9		8	16		2		54	-1	0	dr.	
ASWAN	00	0	50	00	0	0	—	22.7	-4.0	10	18	-6	5	-5	50	0	0	dr.	
SIWA	250	9		03	2	8	Ac	21.2	+0.9	9	16	-4	7	+3	62	-2	0	0	6
BAHARIYA	220	3	18	00	0	0	—	21.0	+1.4	6	16	-4	3	-2	71	1	0	dr.	5
FARAFRA	220	4	35	00	0	0	—	22.6		6	14		0		87	4	0	dr.	
DAKHLA	00	0	35	00	0	0	—	22.4	+2.5	4	15	-7			65	-2	0	dr.	
KHARGA	00	0	35	00	0	0	—	23.8	+4.6	5	16	-7	1	-5	70	0	0	0	
SUEZ	180	2	15	00	1	7	Cu	18.6	+0.5	13	16	-4	8	-1	44	1	0	12	10
TOR	40	6	15	00	0	3		21.1	+3.4	12	16	-5	7	-2	72	7	0	0	9
HURGHADA	270	7		00	0	0	—	20.3		10	18		6		62	3	0	dr.	
QUSEIR	270	19	15	02	0	0	—	19.4	+2.2	12	20	-3	11	-3	55	3	0	0	4
PORT SUDAN	330	13	30	02	2	7	Sc	17.3		20	23		17		49	9	0	34	89
WADI HALFA	20	4	10	05	0	0	—	22.5		5	17		3		53	-4	0	4	
ABU HAMAD	20	13	30	00	0	0	—	19.5		10	20		9		47	-1	0	—	
KAREIMA	340	11	30	00	0	0	—	20.9		10	20		9		47	-1	0	3	1
ATBARA	340	9	4	07	0	0	—	17.9		13	22		11		34	-3	0	7	2
KHARTUM	340	13	30	01	0	1	Ci	18.1		13	25		11		38	-1	0	10	4
KASSALA	310	1	30	00	0	0	—	14.7		17	31		12		52	7	0	2	8
WAD MEDANI	360	19	50	02	1	7	Cc	11.2		17	28		9		28	-2	0	11	12
RENK																		0	49
ROSEIRES	360	19	35	00	0	0	—			10	36		17		62	3	0	2	36
EL OBEID	360	13	30	03	1	4	Cs	18.6		12	25		10		36	-3	0	0	16
EL FASHER	20	5	30	00	0	1	Ci			11	25		8		47	0	0	0	6
GENEINA	50	7	30	00	0	0	—			12	26		11		24	-8	0	—	4
MALAKAL	20	17	30	03	1	7	Ac,Ci	13.8		19	32		18		18	-6	0	69	88
WAU	360	1	30	02	1	8	Cs	13.0		20	33		19		26	0	0	261	144
JUBA	310	5	30	03	2	8	Cs	12.8		25	39		20		24	3	0	129	145

UPPER AIR OBSERVATIONS

Humidity — Mean of day

Station	26th	Diff. from normal
Alexandria	76	+10
Ezbekiya	71	+5
Giza	72	0
Helwan	78	+21

GIZA — GRASS MINIMUM TEMP. 27th 3.8

Remarks

Aeroplane Ascent — On ____ At ____

RAWINSONDE — Farouk Airport — On 27th At 3

Pressure mbs	Height above M.S.L. feet	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	128	9	67	180	9
950					
900					
850	1445	0	93	240	26
800					
700	2974	-5		260	34
600					
500	5558	-14		250	60
400		-29			
300	7192	-42			

Remarks

UPPER WIND OBSERVATIONS on 26th

Station	Matruh		Fouad A.P.		P. Said		Minya	
Time	13 30		14 45		14		14 45	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
500	290	19	280	23	280	33	290	13
600	290	19	280	23	280	31	300	12
1000	300	15	280	22	270	29	290	11
1500					260	36	300	14
2000							290	19
3000								
4000								
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 27th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Manfalut		Luxor		Aswan		Murghada		Almaza	
Time							4				6 45		3						5		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							230	20			220	12	240	17					320	3	280	5	240	14
600							240	38			240	26	250	20					350	13	250	7	230	18
1000							230	26			230	27	260	17					340	9	260	8	240	16
1500							220	36			240	27	260	20					300	10	260	20	210	20
2000											Ent Sc		260	12					240	10	260	22		
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	5		5		6		6 15		4 45		4 15		5		4 15		4		3				4 30	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	280	24	260	33	310	8	360	6	360	16			350	24										
600	290	22	270	40	310	11	330	14	350	19	360	29	10	35	360	13	360	7	360	17			10	21
1000	300	22	270	48	320	17	320	16	350	18	10	23	30	23	20	23	360	6	10	24	10	11	40	29
1500	280	25	270	57	330	26	320	10	330	12	10	5	30	15	130	9	350	9	30	25	30	13	90	28
2000					330	29			310	3	90	3	60	11	270	1	330	15	60	32	90	5	70	19
3000									250	12	290	11			360	7					240	5	50	12
4000									260	19											240	10		
5000																					260	17		
6000									280	21											240	14		
7000																								
8000																								

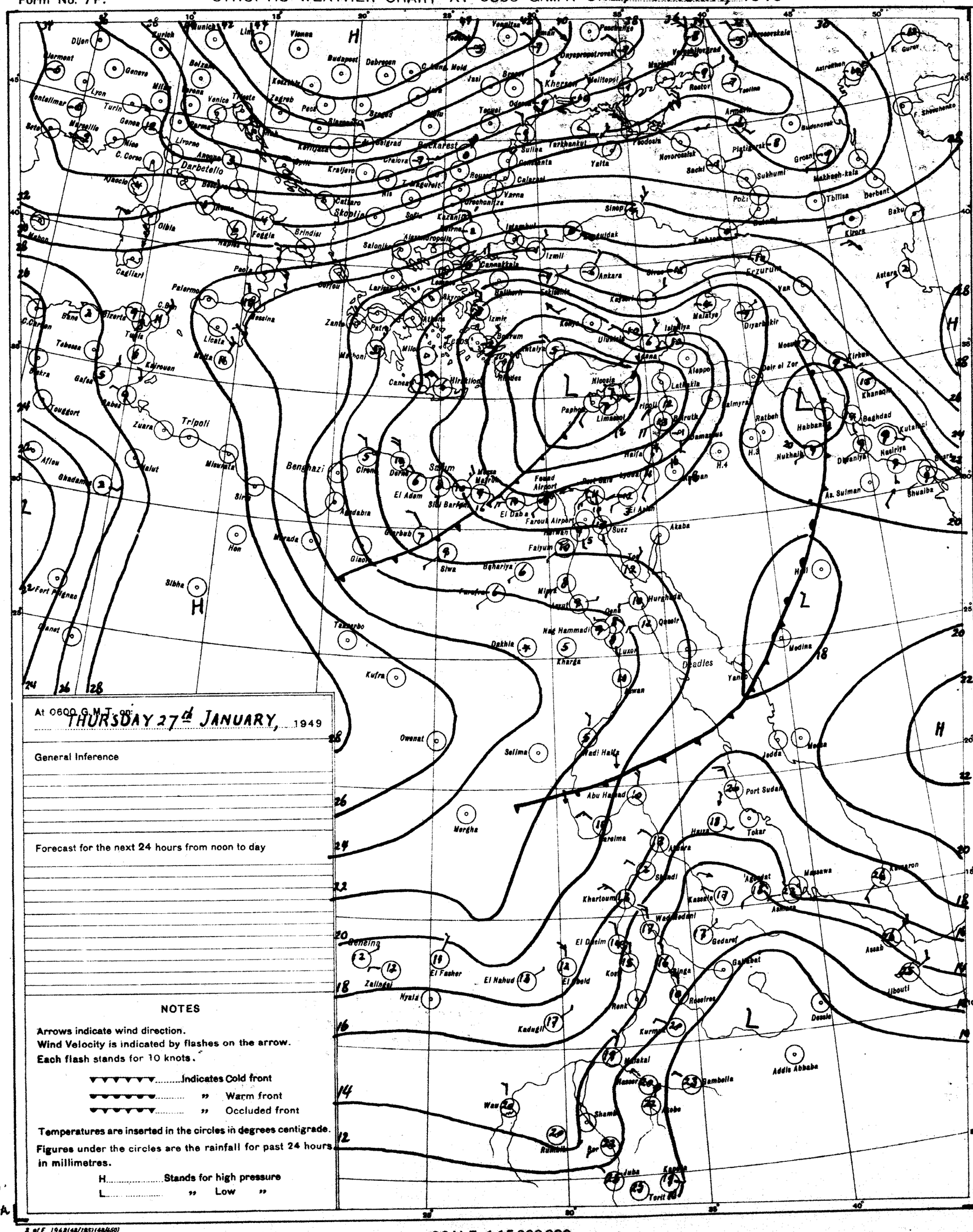
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 27th JANUARY, 1949


Dijon
Clermont
Geneva
Lyon
Montelimar
Turin
Genoa
Marseille
Nice
C. Corso
Ajaccio
Livorno
Ancona
Darbetello
Olbia
Mahon
Cagliari
Palermo
Messina
Tunis
Bizerta
Tebessa
Gafsa
Kairouan
Tripoli
Zuara
Misurata
Benghazi
Sirte
Sidi Barrani
El Adem
Siwa
Sibha
Kufra
Owenat
Selima
Wadi Halfa
Abu Hamad
Port Sudan
Tokar
Khartoum
Kassala
Gedaref
Asmara
Massawa
Aden
Hodeida
Jedda
Mecca
Medina
Yanbo
Luxor
Kharga
Dakhla
Farouk Airport
Faiyum
Suez
Akaba
Beharia
Nicosia
Paphos
Limassol
Beirut
Damascus
Haifa
Latakia
Aleppo
Adana
Rhodes
Crete
Malta
Athens
Salonika
Istanbul
Ankara
Izmir
Samsun
Sinop
Erzurum
Van
Diyarbakir
Mosul
Baghdad
Khanaqin
Kirkuk
Basra
Bahrein
Ratbeh
Habbaniya
Nukhaila
Diwaniya
Nasiriya
Shuaiba
As. Sulman
Bandar Abbas
Addis Abbaba
Gambella
Asab
Djibouti
Dessie
Port Sudan
Tokar
Kassala
Gedaref
Khartoum
Wadi Medani
Kosti
Renk
Malakal
Kurmuk
Roseires
Gambella
Addis Abbaba
Asab
Djibouti
Wau
Torit
Juba
Kampala
Nyala
Zalingei
El Fasher
El Nahud
El Obeid
Kadugli
Geneina
Nag Hammadi
Qena
Qoseir
Hurghada
Medina
Yanbo
Jedda
Mecca
Port Sudan
Tokar
Massawa
Asmara
Aden
Hodeida
Kharga
Dakhla
Farafra
Siwa
Beharia
Faiyum
Suez
Akaba
Tor
Tarhunbo
Kufra
Owenat
Selima
Wadi Halfa
Abu Hamad
Mergha
Sibha
Hon
Murzuk
Ghadames
Aflou
Tougdort
Biskra
Tebessa
Gafsa
Kairouan
Tripoli
Zuara
Misurata
Benghazi
Sirte
Sidi Barrani
El Adem
Siwa
Beharia
Faiyum
Farouk Airport
Suez
Akaba
Tor

CAIRO

Time of Sunrise 04 48 G.M.T.

" " Sunset 15 29 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: FRIDAY 28th JANUARY, 1949

At 1200 on THURSDAY 27th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	90	4	7	01	6	5	Ac	18.0	11	77	7
	62303	SIDI BARANI	110	3	35	62	6	8	Cb,Ac	18.4	9	88	7
	62306	MATRUH											
	62309	EL DABA	320	10		02	2	6	Cu	17.6	12	77	8
		ALEXANDRIA	220	10	50	02	6	8	Cu,Sc	17.4	11	88	9
	62318	FOUAD (Airport)	230	8	12	02	2	7	Cu,Sc	16.6	11	88	9
	62330	DAMIETTA	220	9	15	01	1	4	Cb	16.6	14	67	8
	62333	PORT SA'ID	280	13	18	03	2	7	Cu,Sc	17.4	13	72	8
	62336	EL 'ARISH	320	13	15	02	2	8	St	17.1	14	55	5
Lower Egypt	62339	DAMANHUR	270	9	15	01	6	5	Cu	17.2	14	67	8
	62342	MANSURA	270	5	15	03	2	8	Cb	17.4	14	67	8
	62348	TANTA	280	5	15	02	2	8	St	18.3	14	48	3
	62354	ZAGAZIG	220	5	7	03	1	8	Cu	17.8	15	59	7
	62441	ISMAILIA	200	9	7	02	2	6	Sc	17.6	15	3?	1
Cairo Area	62366	FAROUK (Airport)	330	16	30	03	2	7	Cb	17.5	14		4
	62372	ALMAZA	260	8	30	02	2	8	Sc	17.7	14	52	4
		EZBEKIYA	270	9	16	03	2	7	Ci	17.9	14	48	3
		GIZA	270	9	16	03	2	7	Ci	17.9	14	48	3
	62378	HELWAN	250	11	50	03	2	8	Cb	17.9	14	48	3
Upper Egypt	62381	FAIYUM	240	5	35	02	2	7	Cb	18.4	16	49	5
	62387	MINYA	310	15	18	02	0	1	Cu	18.6	17	28	
	62393	ASYUT Manqabad	320	9	18	02	1	1	Cu	19.4	16	59	8
	62399	NAG' HAMMADI	250	3	35	00	0	3	As	19.6	16	42	3
	62402	QENA	270	5	50	02	1	2	Ci	20.0	16	42	3
	62405	LUXOR	320	3	30	03	0	3	Ci	19.6	16	39	2
	62414	ASWAN	360	8	50	01	1	2	Ci	19.8	17	32	0
Oases	62417	SIWA											
	62420	BAHARIYA	310	6	30	01	1	3	Ac	19.5	18	32	1
	62423	FARAFRA											
	62426	DAKHLA	320	5	50	00	0	0	-	20.0	14	36	-1
	62438	KHARGA	00	0	35	00	0	0	-	20.2	15	39	1
Red Sea	62450	SUEZ	00	0	35	01	0	5	Cu	17.2	17	34	1
	62458	TOR	310	6	35	00	0	0	-	19.6	16	42	3
	62462	HURGHADA	350	5		03	0	2	Ci	18.7	17	52	7
	62465	QUSEIR	270	9	15	02	0	0	-	19.4	19	73	14
	62641	PORT SUDAN	30	19	10	18	2	7		14.9	23	57	14
Sudan	62000	WADI HALFA	360	13	30	00	0	1	Ci	19.8	16	28	-3
	62040	ABU HAMAD	50	9	30	00	0	0	-	15.8	20	21	-3
	62080	KAREIMA											
	62080	ATBARA	360	9	10	00	0	0	-	13.8	22	19	-3
	62721	KHARTUM	340	13	10	01	1	5	Ci	13.0	24	8	-13
	62730	KASSALA	340	5	30	03	1	7	Ci,Cs	7.9	31	43	17
Equatorial Nile Valley	62751	WAD MEDANI	360	13	35	01	1	7	Cc	9.9	28	12	-4
	62761	RENK											
	62802	ROSEIRES	310	9	35	00	0	0	-		31	29	11
	62771	EL OBEID	30	10	35	00	1	0	-	12.2	23	32	5
	62760	EL FASHER	20	5	30	00	0	0	-		24	22	1
	62770	GENEINA	50	10	30	00	0	0	-		24	13	-7
Zone of Equatorial Rains	62840	MALAKAL	30	14	30	02	2	8	Ac	8.7	28	14	-2
	62880	WAU	70	1	30	02	1	8	Cs	8.8	31	15	1
	62941	JUBA	50	5	7	05	2	8	Cc	6.1	33	17	5

At 1800 on 27th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	180	4	7	03	6	8	Fc,Fc	17.8	10	88	8	5
SIDI BARANI	110	9	35	03	2	8	Cb,Sc	18.7	9	88	7	3
MATRUH	90	2	12	01	2	4	Cb,Sc	18.6	9	88	7	1
EL DABA				02	1	3	Sc,Cu		11		7	0
ALEXANDRIA	130	11	3	02	5	8	Cb,Sc	19.5	10	76	6	2
FOUAD (Airport)	310	2	12	03	3	8	Cu,Sc	19.9	10	88	8	3
DAMIETTA	220	5		03	6	8	Cb	19.0	10	88	8	24
PORT SA'ID	350	12	12	02	1	1	Cu,Sc	19.7	12	77	8	0
EL 'ARISH	220	13	15	00	2	8	St	20.0	12	63	5	0
DAMANHUR	270	5	15	21	6	7	Cu	19.6	10	88	8	4
MANSURA	220	5	3	03	5	8	Cb	19.9	10	88	8	24
TANTA	220	2	35	01	2	6	Cu	20.3	11	77	7	0
ZAGAZIG	40	2	3	10	2	8	Cu	20.2	12	77	8	0
ISMAILIA	160	2	7	03	2	8	Sc	19.9	12	77	8	0
FAROUK (Airport)	160	3	18	01	2	3	Cb	19.4	12		3	0
ALMAZA	00	0	15	02	2	7	Sc	19.6	13	55	4	0
EZBEKIYA	00	0	15	03	2	7	Sc	19.4	12	63	5	0
GIZA	200	2	35	02	2	6	Sc	19.9	12	55	3	0
HELWAN												
FAIYUM	200	2	35	01	0	2	Cb	20.2	11	67	4	0
MINYA	340	5	10	00	1	0	-	20.8	11	44		0
ASYUT Manqabad												
NAG' HAMMADI	00	0	35	00	0	0	-	21.2	7	87	5	0
QENA	290	5	7	02	1	2	Cu	20.7	11	63	4	0
LUXOR	00	0	10	00	0	0	-	20.9	10	50	0	0
ASWAN												
SIWA				00	0	0	-	18.3	11	63	4	0
BAHARIYA	310	3	18	00	1	0	-	23.3	10	58	2	0
FARAFRA												
DAKHLA	180	3	35	00	0	0	-		10	38	-4	0
KHARGA	00	0	15	00	0	0	-	22.3	12	44	0	0
SUEZ	00	0	15	01	0	1	Cu	17.0	14	48	3	0
TOR	20	2	35	00	0	0	-	20.7	11	41		0
HURGHADA	250	5	70	01	1	0	-	20.0	11	63	4	0
QUSEIR	20	9	15	03	2	4	Cu	19.4	17	52	7	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on FRIDAY 28th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	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	6	7	20	6	8	Fc,Fc	18.2		7	12		4		95	7	5		
SIDI BARANI	360	10	35	02	2	8	Cb	18.8		9	12		6		71	4	3	212	
MATRUH	260	14	50	93	0	2	Cb				13					4	1	160	
EL DABA	270	14		01	0	0	—	18.9		10	13		5		62	3	0	110	
ALEXANDRIA	220	8	50	02	2	3	Cu,Sc	18.8	+0.4	10	13	-5	7	-3	76	6	4	186	141
FOUAD (Airport)	220	8	18	01	0	1	Cu,Sc	18.5		9	13		7		76	3	3	156	
DAMIETTA	200	5		01	0	1	Fc,Fc	19.9	+2.6	9	15		5		71	4	15	97	67
PORT SA'ID	200	9	12	03	1	4	Sc	20.1		11	16		8		63	4	0	34	
EL 'ARISH	160	9	35	01	0	0	-	20.4	+2.5	9	16	-3	5	-2	62	2	0	26	50
DAMANHUR	270	9		01	1	1	Cu	20.2	+2.2	11	14	-6	7	0	88	9	4	53	60
MANSURA	180	2	15	01	6	4	Ac	19.8	+2.3	7	16	-4	6	-1	87	5	1	21	29
TANTA	180	5	35	02	2	6	Cu	20.6	+2.4	10	15	-5	6	0	76	6	0	16	22
ZAGAZIG	140	2	3	01	1	4	Ac	20.6	+2.1	8	17	-3	7	+1	83	6	0	7	15
ISMAILIA	310	2	15	03	2	7	Sc	20.3		11	16		8		77	7	0	8	
FAROUK (Airport)	190	11	12	01	1	4	Sc,Ac	20.3		10	15		9			3	0	2	
ALMAZA	170	9	13	01	2	4	Sc,Ac	20.2	+1.7	10			8		56	1	0	3	
EZBEKIYA	140	4	15	03	2	6	Ci	20.8	+2.3	10	16	-4	8	0	62	3	0	7	14
GIZA	140	4	15	03	2	6	Ci	20.3	+1.9	10	17	-2	6	+1	62	3	0	12	15
HELWAN	00	0	7	01	1	2	Sc	20.8	+1.7	8	14	-5	7	-1	71	3	0	13	15
FAIYUM	200	4	35	02	1	2	Cu,Sc	21.2	+2.4	9	17	-4	6	0	62	2	0	1	4
MINYA	180	9	8	02	2	7	Ac	21.6		9	17		7		40	-4	0	4	
ASYUT Manqabad	90	2	30	00	0	4	Ac	22.2		12?	17		4		71	2	0	0	4
NAG' HAMMADI	00	0	35	00	0	0	—	23.1	+4.4	12	17		2		44	0	0	0	
QENA	270	5	15	00	0	0	-	23.6	+5.0	9	17	-4	2	-5	47	-2	0	dr	
LUXOR	00	0	30	00	0	0	-	22.7		6	18		0		49	-4	0	dr	
ASWAN	00	0	50	01	1	3	Ci	22.0	+3.3	8			5	-5	62	1	0	dr	
SIWA	00	0	15	00	0	0	-	20.7	+0.4	9	16	-4	5	+1	47	-2	0	0	6
BAHARIYA	220	3	18	02	1	5	Ac	20.8	+1.3	10	17	-4	6	+1	54	1	0	dr	5
FARAFRA																dr			
DAKHLA	00	0	35	00	0	0	—	22.6	+3.7	4	19?	-3	0	-5	52	-5	0	dr	
KHARGA	00	0	35	00	0	0	-	22.7	+3.6	5	17	-6	7	+1	70	0	0	0	
SUEZ	00	0	15	00	2	7	Sc,Cu	19.6	+1.6	12	18	-2	9	0	55	3	0	12	10
TOR	40	2	35	00	0	0	—	18.3		10	17				62	3	0	0	7
HURGHADA	250	6		00	0	1	Cu	21.1		10	18	-4	6		54	1	0	dr	3
QUSEIR	270	13	15	02	0	0	—	20.6	+3.5	10	22	-1	10	-4	47	-1	0	0	4
PORT SUDAN	330	13	30	03	2	7	Sc	17.2		2?	23		17			11	0	34	90
WADI HALFA	340	24	30	08	1	6	Ac	22.8		7	17		4		53	-2	0	6	
ABU HAMAD	20	9	30	01	1	7	Ac	19.1		11	21		10		38	-3	0		
KAREIMA	02	4	30	01	1	5	Ac	19.9		11	21		9		41	-2	0	3	1
ATBARA	340	13	10	03	1	3	Ac	17.8		13	23		11		34	-3	0	7	2
KHARTUM	340	9	30	00	0	2	Ac			15	25		13		16	-11	0	10	4
KASSALA	200	2	30	00	0	0	—	14.2		21	32		15		65	14	0	2	8
WAD MEDANI	360	5	50	00	0	0	—	17.2		14	29		9		48	3	0	11	12
RENK																	0	0	49
ROSEIRES	340	9	35	00	0	0	—			19	31		18		40	5	0	2	36
EL OBEID	360	8	30	04	1	0	—	18.5		13	25		11		22	-8	0	0	16
EL FASHER	300	9	30	00	0	0	—			11	25		8		44	-1	0	0	6
GENEINA			20	00	0	0	—			12	28		11		24	-8	0		4
MALAKAL	30	17	30	01	2	7	Ac,Cu	14.1		20	27		19		16	-7	0	69	88
WAU	00	0	60	02	2	4	Ci	11.9		20	33		18		43	7	0	261	144
JUBA	180	2	10	01	2	8	Cs	12.5		24	34		17		38	9	0	129	145

UPPER AIR OBSERVATIONS

Aeroplane Ascent

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

Remarks

RAWINSONDE — FAROUK. A. P. AIRPORT — On 28th At 3

Pressure mbs	Height above M.S.L. METRES	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	153	9	62	180	11
950					
900					
850	1477	1	64	230	26
800					
700	3002	-7		250	35
600					
500	5572	-18		260	56
400					
300	9197	-43			

RAWINSONDE — On At AIRPORT

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

UPPER WIND OBSERVATIONS on 27th

Height m.	MATRUH 14 Dir.	MATRUH 14 Vel.	MATRUH 15 Dir.	MATRUH 15 Vel.	FOUAD A.P. 15 Dir.	FOUAD A.P. 15 Vel.	FOUAD A.P. 16 Dir.	FOUAD A.P. 16 Vel.	PORT SA'ID 16 Dir.	PORT SA'ID 16 Vel.	PORT SA'ID 17 Dir.	PORT SA'ID 17 Vel.	MINYA 15 Dir.	MINYA 15 Vel.	MINYA 16 Dir.	MINYA 16 Vel.	MINYA 17 Dir.	MINYA 17 Vel.	MINYA 18 Dir.	MINYA 18 Vel.	MINYA 19 Dir.	MINYA 19 Vel.	MINYA 20 Dir.	MINYA 20 Vel.	MINYA 21 Dir.	MINYA 21 Vel.
300	60	3			330	4			240	11			290	13												
600	80	5			320	2			240	18			300	14												
1000					360	6			240	11			310	13												
1500					10	7			220	13			290	10												
2000									280	1																
3000																										
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 28th

Station	SIDI BARANI Dir.	SIDI BARANI Vel.	MATRUH Dir.	MATRUH Vel.	FOUAD AIRPORT Dir.	FOUAD AIRPORT Vel.	PORT SA'ID Dir.	PORT SA'ID Vel.	EL 'ARISH Dir.	EL 'ARISH Vel.	HELWAN Dir.	HELWAN Vel.	MINYA Dir.	MINYA Vel.	ASYUT Manqabad Dir.	ASYUT Manqabad Vel.	LUXOR Dir.	LUXOR Vel.	ASWAN Dir.	ASWAN Vel.	HURGHADA Dir.	HURGHADA Vel.	FAROUK A.P. Dir.	FAROUK A.P. Vel.
Time	5		5		3		4						3								10		3	
Height m.																								
300	350	19	260	23	240	13	210	17					220	12							40	16	190	13
600	350	16	260	27	240	14	230	16					240	17							40	12	220	17
1000	340	13	270	29	230	15	230	16					250	18							340	10	230	21
1500			250	28	230	16	240	17					250	20							330	14	230	26
2000					240	16	220	11					270	33							320	40	240	24
3000							250	17					250	13									250	35
4000																								
5000																							260	
6000																							260	
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	5		5		5		6	15	4	15	4	15	5		4	30	4	15			5		4	15
Height m.																								
300	290	29	230	20	40	2	10	12	20	11			360	13										
600	290	29	240	33	280	5	220	2	30	19	40	15	360	17	350	20	40	5					30	21
1000	290	30	250	34	290	4	330	5	20	15	60	12	10	22	30	19	60	6			30	13	30	35
1500	280	30	250	46	320	13			340	7	360	8	30	31	320	7	Calm				20	6	50	15
2000	270	30	250	45	290	58			290	9	270	12	20	22	320	7	10	5			10	6	40	18
3000			230	35					270	19	260	29			310	7	270	5			50	2	40	15
4000									260	35							290	6			40	11	70	9
5000																					5			
6000																								
7000																								
8000																								

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

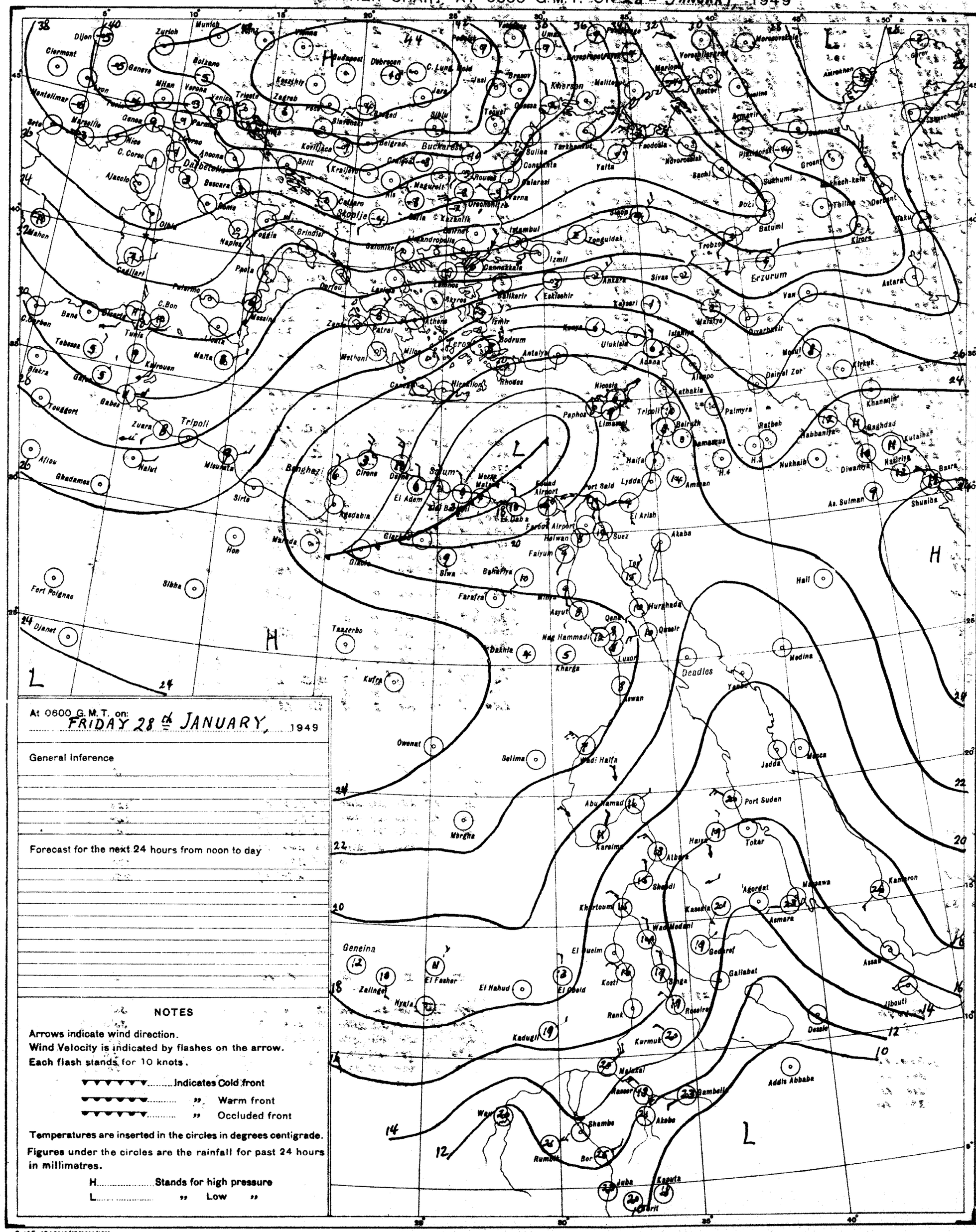
Note: All times G. M. T.

Z.A.S

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 28th JANUARY, 1949


Dijon
Zurich
Munich
Clermont
Geneva
Bolzano
Milan
Verona
Venice
Trieste
Zagreb
Budapest
Debrecen
C. Luna
Kecskemet
Brasov
Jassy
Kherson
Melitopol
Odessa
Tecuci
Sibiu
Belgrad
Buckarest
Kovilljaca
Split
Kraljevo
Constanta
Sulina
Tarkhankut
Yalta
Feodosia
Novorossiisk
Sochi
Sukhumi
Batumi
Tbilisi
Derbent
Baku
Kirovsk
Astara
Van
Erzurum
Trebizon
Sinop
Samsun
Ankara
Sivas
Kayseri
Eskisehir
Izmit
Istanbul
Tekirdag
Canakkale
Izmir
Bodrum
Antalya
Konya
Adana
Iskenderun
Mersin
Aleppo
Dairel Zor
Mosul
Kirkuk
Diyarbakir
Khanaqin
Baghdad
Kutaiba
Basra
Shuaiba
As. Sulman
Nasiriya
Diwaniya
Nukhaib
Habbaniya
Ratbah
Palmyra
Latakia
Beirut
Damascus
Tripoli
Nicosia
Limassol
Paphos
Rhodes
Heraklion
Canea
Athens
Patrai
Zante
Corfu
Lemnos
Lesbos
Salonika
Skopje
Sofia
Kazanlik
Varna
Constanza
Galati
Iasi
Cernauti
Kishinev
Odessa
Nikolaev
Kherson
Melitopol
Rostov
Voroshilovgrad
Stalino
Krasnodar
Novorossiisk
Sochi
Sukhumi
Groznyi
Makhach-kala
Astrakhan
Guriev
Saratov
Kuibyshev
Sverdlovsk
Moscow
Leningrad
Murmansk
Archangel
Vologda
Kazan
Perm
Tashkent
Alma-Ata
Tiflis
Kiev
Lwow
Warszawa
Berlin
Hamburg
Frankfurt
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Zurich
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Montelimar
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Pescara
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Rome
Pisa
Florence
Bordeaux
Toulouse
Perpignan
Ajaccio
C. Corso
Cagliari
Palermo
Messina
Malta
Tunis
Bizerta
Sfax
Kairouan
Tebessa
Biskra
Gafsa
Gabes
Touggort
Zuara
Tripoli
Mizurata
Nalut
Ghadames
Sirta
Benghazi
Cirene
Derna
Sollum
El Adem
Agedabia
Marada
Hon
Sibha
Fort Polignac
Djanet
Taszerbo
Kufra
Owenat
Selima
Mbrgha
Fort Lamy
Geneina
Zalingei
Nyala
El Fasher
El Nahud
El Obeid
Kosti
Renk
Kadugli
Kurmuk
Malakal
Wau
Shambe
Akobo
Rumbek
Bor
Juba
Kasala
Khartoum
Wad Medani
Gedaref
Gallabat
Asmara
Massawa
Kamaran
Agordat
Tokar
Port Sudan
Wadi Halfa
Abu Hamad
Kareima
Atbara
Shendi
Hurghada
Qena
Nag Hammadi
Luxor
Aswan
Kharga
Dakhla
Farafra
Asyut
Faiyum
Helwan
Cairo
Giza
Port Said
Lydda
Haifa
Amman
Suez
Tor
Akaba
El Arish
Deadles
Yanbo
Medina
Jedda
Mecca
Hail
Addis Abbaba
Dessie
Jibouti
Assab
Gibrit
Kasala
Gondar
Asmara
Massawa
Kamaran
Agordat
Tokar
Port Sudan
Wadi Halfa
Abu Hamad
Kareima
Atbara
Shendi
Khartoum
Wad Medani
Gedaref
Gallabat
Kosti
Renk
Kadugli
Kurmuk
Malakal
Wau
Shambe
Akobo
Rumbek
Bor
Juba

CAIRO

Time of Sunrise 04 47 G. M. T.

" " Sunset 15 29 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date : SATURDAY 29TH JANUARY , 1949

At 1200 on FRIDAY 28TH

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALÛM	320	10	3	01	5	5	Cu,Sc,Ac	19.2	13	44	1
	62303	SÎDI BARÂNI	270	11	12	50	2	8	Cb	19.1	11	63	4
	62306	MATRÛH	220	10	50	03	2	4	Cu,Sc				
	62309	EL DABA	270	15		03	2	4	Cu	17.1	12	59	4
		ALEXANDRIA	220	10	50	03	2	4	Cu,Sc	17.4	13	55	4
	62318	FOUAD (Airport)	260	14	18	01	0	3	Cu	17.4	14	52	4
	62330	DAMIETTA	220	9	15	03	2	6	Cb	18.0	16	49	5
	62333	PORT SA'ÎD	240	9	30	02	1	7	Cu,Sc	18.5	16	49	5
	62336	EL 'ARISH	320	5	35	03	1	6	Cu	18.8	15	48	4
LOWER EGYPT	62339	DAMANHUR	270	13	15	03	1	3	Cu	19.0	16	49	5
	62342	MANSURA	200	5	35	02	2	4	Cu	18.2	17	42	4
	62348	TANTA	220	13	35	01	1	3	Cu	19.1	17	42	4
	62354	ZAGAZIG	220	5	15	02	1	4	Ac	18.8	18	46	6
	62441	ISMA'ÎLIA	250	5	15	02	0	7	Sc	18.8	17	34	1
CAIRO AREA	62366	FAROUK (Airport)	240	19	30	03	1	4	Sc	18.2	16	42	3
	62372	ALMÂZA											
		EZBEKÎYA	220	11	35	01	2	4	Cu	18.6	17	34	1
		GÎZA	220	11	35	01	2	4	Cu	18.6	17	39	3
	62378	HELWÂN	230	15	50	02	1	5	Sc,Cu	18.7	16	42	3
UPPER EGYPT	62381	FAIYÛM	240	9	35	03	2	8	St	19.2	18	28	-1
	62387	MINYA	280	12	14	02	0	2	Ac	19.2	20	24	-1
	62393	ASYÛT MANQABÂD	270	5	30	02	0	1	Cu	19.3	18	43	5
	62399	NAG' HAMMÂDI	360	1	35	00	0	0	-	18.8	19	37	4
	62402	QENA	270	5	50	00	0	0	-	20.2	17	42	4
	62405	LUXOR	340	5	30	00	0	0	-	19.8	18	40	4
	62414	ASWÂN	360	4	50	00	0	0	-	19.2	16	39	2
OASES	62417	SÎWA											
	62420	BAHARÎYA	270	4	30	03	2	8	Ac	19.8	16	49	5
	62423	FARAFRA											
	62432	DAKHLA	320	5	50	00	0	0	-	21.2	17	34	1
	62435	KHARGA	00	0	35	00	0	0	-	21.5	18	37	3
RED SEA	62450	SUEZ	00	0	35	01	1	5	Cu	17.9	17	34	1
	62459	TÛR	310	3	16	00	0	0	-	20.6	17	31	1
	62462	HURGHADA	340	6		01	0	0	-	19.1	17	56	8
	62465	QUSEIR	20	13	15	02	0	0	-	19.4	18	46	6
	62641	PORT SUDÂN	04	19	30	18	2	8	Sc	14.9	23	53	13
NORTH SUDAN	62600	WÂDI HALFA	10	11	30	02	0	1	Ac	19.1	18	20	-5
	62640	ABU HAMAD	50	9	30	00	0	0	-	14.2	25	14	-5
	62660	KAREIMA	20	9	30	00	1	0	-	15.0	24	14	-6
	62680	'ATBARA	340	9	14	01	1	1	Ac	13.1	27	23	4
	62721	KHARTUM	24	8	30	00	1	1	Ac	12.3	27	35	10
	62780	KASSALA	360	9	30	01	1	2	Ci	8.4	33	32	14
CENTRAL SUDAN	62751	WÂD MEDANI	20	5	35	01	0	5	Ac	10.4	30	18	3
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID			30	30	8	4	Ac	11.7	27	8	-11
	62760	EL FÂSHER	20	9	30	00	0	0	-		26	18	0
	62770	GENEINA	50	4	30	00	0	0	-		24	14	-6
S. SUDAN	62840	MALAKÂL	20	13	30	02	1	6	Ac	8	30	18	3
	62880	WÂU	360	3	30	02	1	6	Ci,Cs	8.3	32	14	1
	62941	JUBA	50	5	7	04	2	8	Cs	7.3	33	23	9

At 1800 on 28TH

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.
62300	SALÛM	270	10	7	01	0	3	Fc,Sc	21.6	10	62	3	0.2
62303	SÎDI BARÂNI	310	16	35	02	9	8	Cb	21.0	11	63	4	3
62306	MATRÛH	300	13	12	01	8	4	Cb	19.8	9	74	5	8
62309	EL DABA	270	13		03	1	3	Cu		12	63	5	0
	ALEXANDRIA	200	13	3	03	5	4	Ac	18.6	12	55	3	dd
62318	FOUAD (Airport)	280	8	10	01	2	5	Sc	18.4	12	59	4	1
62330	DAMIETTA	220	5		01	1	2	Cu	18.2	11	71	7	•
62333	PORT SA'ÎD	240	11	15	13	1	3	Sc	18.6	13	67	7	0
62336	EL 'ARISH	140	5	3	02	2	6	Cu	18.7	13	67	7	•
62339	DAMANHUR	270	9	7	01	1	1	Cu	18.7	10	76	6	0
62342	MANSURA	220	5	3	00	1	0	-	19.0	10	76	6	•
62348	TANTA	220	6	35	03	1	5	Cu	20.3	10	76	6	1
62354	ZAGAZIG	220	2	15	00	1	0	-	19.8	11	77	7	•
62441	ISMA'ÎLIA	270	2	7	62	2	8	Sc	20.4	14	55	5	dd
62366	FAROUK (Airport)	250	12	15	02	2	4	Sc	19.4	12	55	3	•
62372	ALMÂZA												
	EZBEKÎYA	270	6	15	01	1	2	Sc	19.6	13	44	1	dd
	GÎZA	270	6	15	01	1	2	Sc	19.8	12	51	2	•
62378	HELWÂN	270	13	35	01	1	2	Sc,Cu	19.9	12	55	3	dd
62381	FAIYÛM	240	2	35	01	1	3	St	20.4	12	55	3	0
62387	MINYA	320	3	8	02	2	2	Ac	20.9	12	55	3	•
62393	ASYÛT MANQABÂD												
62399	NAG' HAMMÂDI	00	0	35	00	0	0	-	19.4	9	71	4	0
62402	QENA	270	2	7	00	0	0	-	21.0	12	63	5	0
62405	LUXOR	00	0	12	00	0	0	-	21.0	11	54	2	•
62414	ASWÂN	00	0	50	00	0	0	-	20.3	14	39	0	0
62417	SÎWA	00	0	7	00	0	0	-	22.8	9	62	2	•
62420	BAHARÎYA	310	3	18	00	2	0	-	21.4	12	59	4	0
62423	FARAFRA												
62432	DAKHLA	320	5	35	00	0	0	-	20.8	13	34		0
62435	KHARGA	00	0	15	00	0	0	-	22.3	13	55	4	0
62450	SUEZ	00	0	15	01	0	2	Cu	18.4	15	48	4	0
62459	TÛR	40	2	35	00	0	0	-	20.6	12	55	3	•
62462	HURGHADA	280	8	50	00	0	0	-	19.7	17	60	9	0
62465	QUSEIR	330	9	15	02	0	0	-	19.8	16	49	5	•
62641	PORT SUDÂN												
62600	WÂDI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	'ATBARA												
62721	KHARTUM												
62780	KASSALA												
62751	WÂD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID												
62760	EL FÂSHER												
62770	GENEINA												
62840	MALAKÂL												
62880	WÂU												
62941	JUBA												

At 0600 on SATURDAY 29TH

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	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.
62300	SALÛM	270	11	7	20	5	7	Fc,Sc	21.6		8	13		5		88	6	0.2		
62303	SÎDI BARÂNI	340	12	35	25	5	8	Cb	21.4		12	13		6		77	8	4	216	
62306	MATRÛH	360	17	15	02	8	6	Cb	19.7		12	14		6		77	8	10	170	
62309	EL DABA	320	19		03	6	6	Cu	18.0		13	13		6		77	9	2	112	
	ALEXANDRIA	330	19	50	03	6	6	Cb	16.0	-2.4	12	14	-4	7	-3	77	8	7	193	143
62318	FOUAD (Airport)	340	13	15	25	8	6	Cu,Sc	15.0		13	15		7		72	8	9	165	
62330	DAMIETTA	200	9		20	2	8	Cu,Sc	16.4	-0.8	6	17		2		88	4	dd	97	68
62333	PORT SA'ÎD	240	22	12	03	1	6	Sc	16.9		9	17		7		67	3	0	34	
62336	EL 'ARISH	220	9	35	01	0	1	Cu	17.3	+0.5	10	18	-1	5	-2	62	3	0	36	51
62339	DAMANHUR	270	24	7	03	2	6	Cu	16.8	-1.1	8	17	-3	6	-1	88	6	0	53	61
62342	MANSURA	220	9	15	03	2	8	Cb	17.0	-0.4	7	18	-2	4	-3	71	2	0	21	29
62348	TANTA	220	16	35	02	1	5	Cu	18.3		7	17	-3	3	-3	71	2	1	16	22
62354	ZAGAZIG	220	5	15	00	0	0	-	18.3	-0.1	6	18	-2	4	-2	88	4	0	7	15
62441	ISMA'ÎLIA	250	9	7	02	0	0	-	18.4		9	17		6		62	2	dd	8	
62366	FAROUK (Airport)	200	23	12	03	0	1	Sc,Ci	18.9		7	16		6			2	0	2	
62372	ALMÂZA	180	12	50	03	0	1	Ci	19.4	+1.0	7			5		71	2	0	3	
	EZBEKÎYA	180	8	15	00	1	1	Ac	19.5	+1.1	6	18	-2	6	-2	87	4	dd	7	14
	GÎZA	180	8	15	00	1	1	Ac	19.2	+0.9	9	19	•	5	0	58	1	0	12	15
62378	HELWÂN	160	11	7	00	0	1	Ac	20.4	+1.4	5	17	-2	4	-4	81	2	dd	13	15
62381	FAIYÛM	240	4	35	01	0	0	-	21.0	+2.3	7			4	-2	71	2	0	1	4
62387	MINYA	00	0	6	01	0	2	Ci	22.8		6	20		1		71	1	0	4	
62393	ASYÛT MANQABÂD	270	5	30	00	0	1	Ci	22.6		8	20		4		62	1	0	0	4
62399	NAG' HAMMÂDI	00	0	35	00	0	0	-	22.7	+4.1	7	20		4			9	0	0	
62402	QENA	270	2	15	02	1	2	Ci	22.7	+3.7	9	19	-4	5	-2	62	2	0	dd	
62405	LUXOR	00	0	30	01	1	3	Ci	21.2		9	18		3		54	0	0	dd	
62414	ASWÂN	00	0	50	01	1	6	Ci	21.4	+2.8	10	18	-6	7	-3	58	2	0	dd	
62417	SÎWA	270	4	15	00	0	0	-	24.7	+4.5	5	16	-4	2	-2	70	0	0	0	6
62420	BAHARÎYA	220	3	18	00	0	0	-	23.1	+3.6	6	18	-3	1	-4	66	0	0	dd	5
62423	FARAFRA																		dd	
62432	DAKHLA	320	5	15	00	2	7	Fc,Sc	23.0	+3.1	6	19	-3	2	-3	57	-2	0	dd	
62435	KHARGA	00	0	35	00	0	5	Ci	23.9	+4.8	10	21	-2	6	0	62	3	0	0	
62450	SUEZ	00	0	15	00	0	0	-	18.4	+0.4	10	20	0	9	0	62	3	0	12	10
62459	TÛR	20	6	15	00	0	6	-	20.0	+2.4	12	20	-1	9	0	83	9	0	0	9
62462	HURGHADA	260	9		03	0	2	Cu,Ci	19.9		13	18	-4	8		55	4	0	dd	3
62465	QUSEIR	270	14	15	00	1	5	Ci	19.4	+2.4	14	19		12	-2	48	3	0	0	4
62641	PORT SUDÂN	350	13	30	02	2	8	Sc	16.5		21	25		20		53	11	0	34	90
62600	WÂDI HALFA	29-	1	30	03	1	4	Cu,Ac	21.4		8	20		5		50	-2	0	6	
62640	ABU HAMAD	50	13	30	00	0	0	-	18.1		13	26		11		29	-5	0	-	
62660	KAREIMA	60	8	30	00	1	0	-	18.5		12	25		11		31	-5	0	3	1
62680	'ATBARA	360	9	10	03	1	6	Ac	16.6		15	28		13		30	-3	0	7	2
62721	KHARTUM	340	9	30	03	0	4	Ac	16.4		16	29		14		22	-6	0	10	4
62780	KASSALA	50	5	30	00	0	0	-	12.4		22	34		15		53	12	0	2	8
62751	WÂD MEDANI	360	5	50	02	1	7	Ci	14.7		17	31		11		28	-2	0	11	12
62801	RENK																		0	49
62802	ROSEIRES	340	5	35	00	0	0	-			19	32		17		49	8	0	2	36
62771	EL OBEID	350	11	30	02	1	7	Cs	16.9		15	27		14		16	-11	0	0	16
62760	EL FÂSHER	30	5	30	00	0	1	Ac			13	29		10		38	-1	0	0	6
62770	GENEINA	50	5	30	00	0	0	-			14	29		13		16	-11	0		4
62840	MALAKÂL	20	15	30	03	2	7	Cs	12.3		22	32		17		16	-5	0	69	88
62880	WÂU	00	00	30	02	1	8	Cs	12.4		19	34		17		56	10	0	261	144
62941	JUBA																	0	129	145

HUMIDITY % Mean of day

STATION	on 28.1.49	Diff. from normal
Alexandria	59	-7
Ezbekiya	50	-16
Giza	47	-24
Helwân	59	+3

GÎZA GRASS MINIMUM TEMP. ON 29.1.49 -1.5 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — 29 FAROUK - A.P. AIRPORT — On 29/1 At 5

PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	152	6	81	210	14
950					
900					
850	1472	-0	75	270	34
800					
700	3012	-5		270	67
600					
500	5677	-14		270	19
400					
300	9231	-43			

AIRPORT — On ..... At .....

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

UPPER WIND OBSERVATIONS on 28TH

STATION	MATRUH		FOUAD A.P		PORT SAID		MINYA	
TIME	14	30	15		15		15	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	270	16	280	14	250	17	360	16
600	290	19	280	12	250	17	20	23
1000	300	16	270	16	240	9	20	24
1500							10	22
2000								
3000								
4000								
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 29TH

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA			
TIME	5										7	30	3						5		9			
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	340	16									180	9	260	12					330	5	310	20		
600	360	17									250	23	280	31					350	26	300	23		
1000	36	20									260	26	270	33					350	17	280	11		
1500											ENT.Sc		260	31					350	17	300	30		
2000													270	38					310	11	300	23		
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	5		5		5		5		4	45			4	45							5		4	15
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	310	26	300	24	340	15	360	14	20	13			360	8										
600	320	13	300	29	350	19	360	19	20	20			360	11									10	6
1000	330	19	300	28	350	20	360	24	10	25			10	21							350	5	30	30
1500	350	16	300	27	340	26	300	20	10	16			30	27							80	3	40	25
2000	330	24					280	30	310	7			40	27							340	5	40	15
3000	320	24							270	21											340	3	90	7
4000	330	31							260	33											220	3	110	14
5000																					210	9	130	33
6000									240	45											230	11		
7000									140	11														
8000																								

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

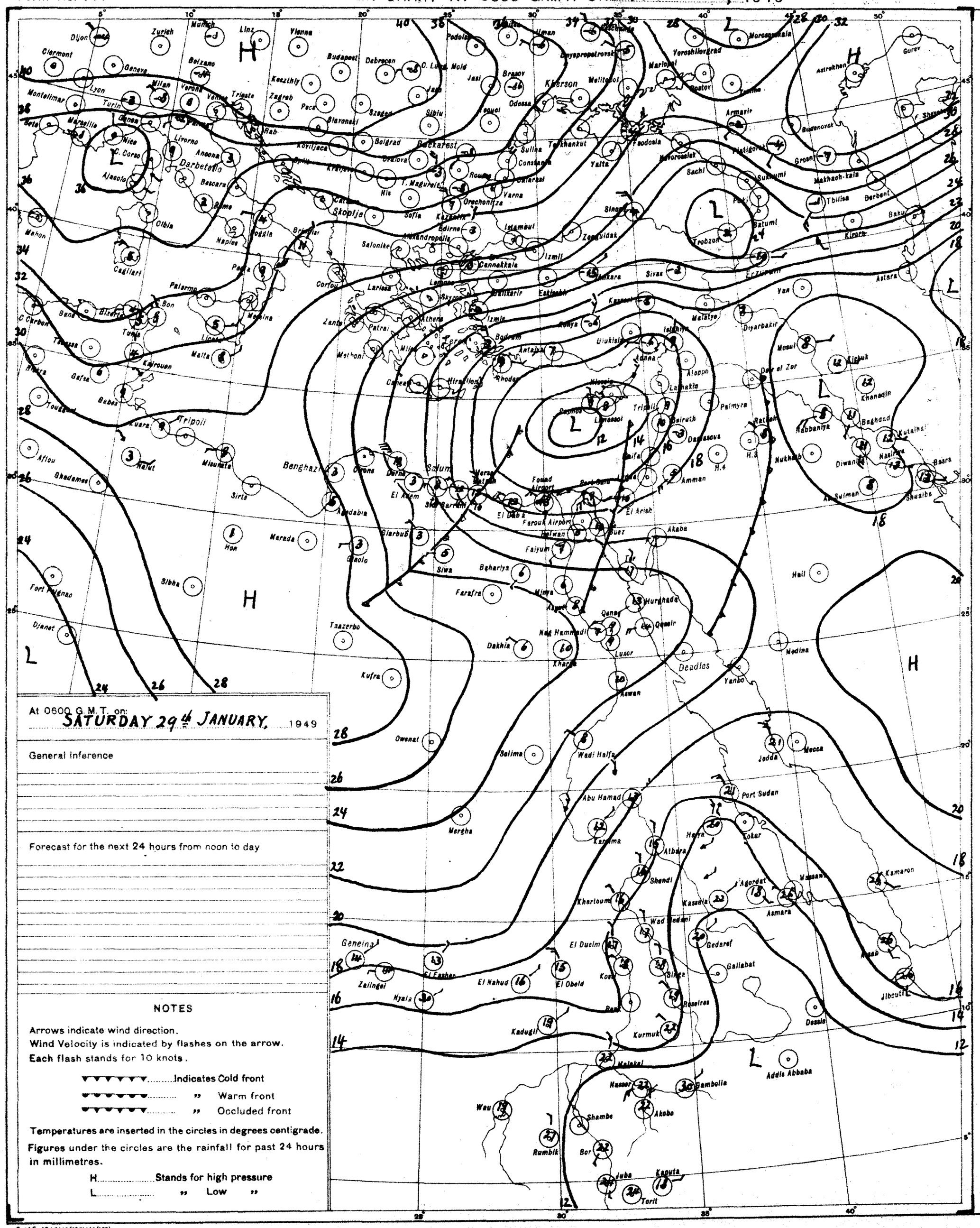
Note: All times G. M. T.

Z.A.S

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 29th JANUARY, 1949


Dijon
Zurich
Munich
Linz
Vienna
Clermont
Geneva
Belzano
Budapest
Debrecen
Keszthly
Podolsk
Jasi
Brasov
Odessa
Kherson
Melitopol
Dnyspropetrovsk
Yeroshilovgrad
Marioupol
Rostov
Astrakhan
Gurev
Montelimar
Lyon
Milan
Verona
Venice
Trieste
Zagreb
Pecs
Szeged
Sibiu
Leguel
Turin
Genoa
Marseille
Nice
C. Corso
Ajaccio
Livorno
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Darbetello
Bescara
Rome
Olbia
Mahon
Naples
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Bone
Bizerte
Tunis
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Malta
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Gafsa
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Sirte
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Nalut
Aflou
Ghadames
Hon
Marada
Sibha
Fort Polignac
Djanet
Taazerbo
Kufra
Owenat
Selima
Mergha
Wau
Rumbik
Bor
Juba
Kaputa
Torit
Shambe
Akobo
Gambella
Nasser
Addis Abbaba
Malakal
Kurmuk
Kadugli
Roseires
Geneina
Zalingei
Nyala
El Fasher
El Nahud
El Obeid
El Dueim
Kosti
Sennar
Gedaref
Gallabat
Asmara
Massawa
Agordat
Kassala
Khartoum
Wad Medani
Shendi
Atbara
Kamaron
Asab
Jibouti
Dessie
Port Sudan
Tokar
Harra
Jedda
Mecca
Medina
Yanbo
Abu Hamad
Wadi Halfa
Kareima
Aswan
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Qena
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Hurghada
Kharga
Dakhla
Nag Hammadi
Deadles
Farafra
Siwa
Beharlya
Mimya
Faiyum
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Suez
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Fouad Airport
El Arish
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Rhodes
Antalya
Adana
Aleppo
Diyarbakir
Mosul
Kirkuk
Khanaqin
Baghdad
Kutaiba
Nasiriya
Basra
Shuaiba
Diwaniya
Rabbaniya
Nukhaib
Ar Sulman
Rutbah
Deir el Zor
Van
Astara
Erzurum
Trabzon
Batumi
Sinop
Zonguldak
Istanbul
Edirne
Alexandropolis
Salonike
Canakkale
Izmit
Ankara
Sivas
Kayseri
Konya
Malatya
Eskisehir
Afyon
Izmir
Bodrum
Athens
Patrai
Zante
Corfou
Larissa
Lemnos
Skyros
Mytilene
Methoni
Candia
Hiraklion
Sousse
Gafsa
Bone
Bizerte
Tunis
Tripoli
Kairouan
Tozeur
Biskra
Algiers
Oran
Tangier
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Skoplje
Salonike
Athens
Istanbul
Ankara
Sivas
Erzurum
Tbilisi
Baku
Derbent
Makhach-kala
Grozni
Sukhumi
Batumi
Sachi
Novorossiisk
Yalta
Feodosia
Sevastopol
Odessa
Kishinev
Jassy
Brasov
Constanta
Varna
Orechovitza
Nis
Kragujevac
Zagreb
Rab
Pecs
Szeged
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Staroneski
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Odessa
Kherson
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Dnyspropetrovsk
Yeroshilovgrad
Marioupol
Rostov
Astrakhan
Gurev
Budenovsk
Armavir
Pyatigorsk
Grozni
Makhach-kala
Derbent
Tbilisi
Batumi
Sukhumi
Sachi
Novorossiisk
Feodosia
Yalta
Sevastopol
Odessa
Kishinev
Constanta
Varna
Orechovitza
Nis
Sofia
Skoplje
Salonike
Athens
Istanbul
Ankara
Sivas
Erzurum
Van
Astara
Trabzon
Kirovabad
Kayseri
Konya
Malatya
Diyarbakir
Mosul
Kirkuk
Khanaqin
Baghdad
Kutaiba
Nasiriya
Basra
Shuaiba
Diwaniya
Rabbaniya
Nukhaib
Ar Sulman
Rutbah
Deir el Zor
Aleppo
Latakia
Tripoli
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Palmyra
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Amman
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Rhodes
Antalya
Adana
Izmir
Bodrum
Athens
Patrai
Zante
Corfou
Larissa
Lemnos
Skyros
Mytilene
Methoni
Candia
Hiraklion
Sousse
Gafsa
Bone
Bizerte
Tunis
Tripoli
Kairouan
Tozeur
Biskra
Algiers
Oran
Tangier
Casablanca
Rabat
Fez
Tetuan
Malaga
Gibraltar
Cadiz
Lisbon
Porto
Madrid
Valencia
Barcelona
Marseille
Nice
Genoa
Milan
Turin
Lyon
Geneva
Zurich
Munich
Linz
Vienna
Budapest
Debrecen
Keszthly
Podolsk
Jasi

CAIRO

Time of Sunrise 04 17 G. M. T.

" " Sunset 15 30 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: sunday 30th January, 1949

At 1200 on saturday 29th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs	Temperature °C.	Humidity %	Dew Point °C.
MEDITERRANEAN	62300	SALUM	240	7	7	20	5	8	Fs,Fc	21.6	13	67	7
	62303	SÎDI BARÂNI	320	10	35	02	1	8	Sc	20.8	13	67	7
	62306	MATRÛH	360	12	14	01	1	4	St	19.2	15	59	7
	62309	EL DABA	320	20		03	2	6	Cu	16.8	15	63	7
		ALEXANDRIA	330	10	50	03	5	6	Cb	17.2	14	67	8
	62318	FOUAD (Airport)	320	11	18	25	2	7	Cb,Ac	16.6	15	65	9
	62330	DAMIETTA	250	9	15	01	5	2	Cu	15.2	15	68	9
	62333	PORT SAÏD	270	11	30	02	8	2	Cu	15.4	15	63	8
	62336	EL 'ARISH	220	30	15	03	2	8	St	16.0	16	42	3
LOWER EGYPT	62339	DAMANHUR	230	13	15	02	2	6	Cu	16.4	16	59	8
	62342	MANSURA	320	9	35	02	5	6	Cb	15.6	17	52	7
	62348	TANTA	270	5	35	02	1	6	Cu	17.5	17	60	9
	62354	ZAGAZIG	220	5	7	03	1	4	Sc,Cu	17.9	17	60	9
	62441	ISMAÏLIA	270	9	7	03	2	6	Sc	16.3	15	48	4
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMAZA											
		EZBEKIYA	290	9	35	03	1	5	Sc	17.2	16	49	5
		GÎZA	290	9	35	03	1	5	Sc	17.1	16	45	4
	62378	HELWÂN	270	15	35	02	2	8	Cb	17.4	14	29	3
UPPER EGYPT	62381	FAIYÛM	240	4	35	03	2	8	St	17.8	16	49	5
	62387	MINYA	300	14	15	03	0	6	Cu,Sc	19.7	17	26	-3
	62393	ASYUT MANQABAD	270	9	30	03	0	3	Ac	20.6	16	49	5
	62399	NAG' HAMMADI			35	00	0	-		19.2	17	26	-3
	62402	QENA	270	9	50	01	1	1	Ci	19.0	17	26	-3
	62405	LUXOR	320	9	30	02	0	2	Ci	18.8	16	39	2
	62414	ASWÂN	340	2	50	03	1	6	Ci	19.6	17	42	4
OASES	62417	SÎWA	320	10	15	00	0	0	-	23.1	15	77	11
	62420	BAHARÎYA	270	7	30	03	2	7		20.8	14	55	5
	62423	FARAFRA											
	62432	DAKHLA	320	8	50	00	0	0	-		15	39	1
	62435	KHARGA	340	3	35	01	0	2	Ci	21.1	17	24	-4
RED SEA	62450	SUEZ	00	0	35	03	2	6	Cu	16.0	17	42	4
	62459	TOR	310	2	50	00	0	0	-	17.9	16	42	3
	62462	HURGHADA	320	7		01	2	4	Ci	17.8	16	45	4
	62465	QUSEIR	270	13	15	03	2	6	As	18.2	20	33	3
	62641	PORT SUDAN	50	13	30	02	2	8	Sc	14.1	23	69	17
NORTH SUDAN	62600	WADI HALFA	20	17	30	03	1	7	Ac,Ci	18.6	19	26	-1
	62640	ABU HAMAD	50	13	30	00	0	0	-	13.9	25	14	-5
	62660	KAREIMA	20	10	30	00	0	0	-	14.5	24	13	-7
	62680	'ATBARA	360	5	10	02	1	3	Ac,Ci	13.1	27	23	4
	62721	KHARTUM	20	9	30	01	1	3	Ac	10.9	29	12	-9
	62730	KASSALA	20	13	30	03	0	5	Ci	8.0	33	19	6
CENTRAL SUDAN	62751	WAD MEDANI	360	9	35	02	1	7	Ci	8.8	32	17	4
	62801	RENK	70	4	30	00	0	0	-	10.1	31	10	-4
	62802	ROSEIRES											
	62771	EL OBEID	30	11	30	01	1	3	Ac	11.3	26	6	-15
	62760	EL FASHER											
	62770	GENEINA											
S. SUDAN	62840	MALAKAL	20	13	30	03	1	5	Ci,Cs	7.4	33	14	2
	62880	WAU	360	5	30	00	1	1	Ci	7.4	34	15	4
	62941	JUBA	20	5	30	01	0	1	Ci	5.5	35	23	11

At 1800 on saturday 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	270	11	7	01	1	3	Fs,Fc	20.8	10	88	8	0.3
SÎDI BARÂNI	290	5	35	01	6	5	Cu	20.7	12	63	5	5
MATRÛH	280	10	12	02	2	6	Sc	20.1	11	77	7	0
EL DABA	320	17		01	1	3	Cb		14	55	5	0
ALEXANDRIA	330	10	7	01	5	3	Cb	18.0	13	72	8	dr
FOUAD (Airport)	320	14	12	02	8	7	Cb	17.9	13	67	7	1
DAMIETTA	270	9		01	0	1	Cu	16.0	13	88	11	dr
PORT SAÏD	250	12	18	02	1	3	Sc	16.0	12	77	8	dr
EL 'ARISH	220	9	7	01	1	4	Cu	18.3	13	55	4	0
DAMANHUR	270	5	1.5	25	8	4	Cu	17.9	11	88	9	1
MANSURA	340	5	3	02	2	6	Cb	17.5	11	88	9	dr
TANTA	240	2	35	01	1	2	Cu	17.5	10	88	8	0
ZAGAZIG	270	2	15	00	1	0	-	17.6	10	95	10	0
ISMAÏLIA	270	2	7	01	0	0	-	17.2	13	67	7	0
FAROUK (Airport)												
ALMAZA												
EZBEKIYA	00	0	15	01	1	1	Ac	18.4	13	67	7	dr
GÎZA	00	0	15	01	1	1	Ac	18.2	12	72	7	dr
HELWÂN	320	6	15	01	1	2	Sc,Cu	18.6	12	77	8	0
FAIYÛM	240	2	35	01	1	4	St	17.9	13	67	7	0
MINYA	300	6	12	01	1	3	Ci	19.5	13	48	2	0
ASYUT MANQABAD	270	9	30	03	0	3	Ac	20.6	16	49	5	
NAG' HAMMADI	00	0	35	00	0	0	-	18.7	9	47	-2	0
QENA	270	5	7	01	1	1	Ci	19.6	10	63	3	0
LUXOR	00	0	12	00	0	0	-	19.8	10	47	-1	0
ASWÂN	00	0	50	00	0	0	-	19.8	14	48	3	0
SÎWA	00	0	7	00	0	0	-	22.6	13	55	4	0
BAHARÎYA												
FARAFRA												
DAKHLA	320	6	35	00	0	0	-	20.8	11	41	-2	0
KHARGA	00	0	15	00	0	0	-	20.6	13	21		0
SUEZ	00	0	15	01	0	3	Cu	16.8	14	55	5	0
TOR	40	5	35	00	0	0	-	16.8	14	48	3	0
HURGHADA	270	11		01	2	1	Ci	17.7	14	39	0	0
QUSEIR	330	9	15	01	1	2	As	18.0	16	49	5	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on Sunday 30th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	220	15	7	03	5	7	Fs,As	17.5	.	8	14		5		88	6	0.5		
SÎDI BARÂNI	310	18	35	10	6	8	Cb	16.0		12			8		63	5	5		
MATRÛH																		170	
EL DABA	270	17		14	2	6	St	14.2			18		5		56	7	4	116	
ALEXANDRIA	200	15	35	03	6	7	Cb	13.3	-5.0	9	16	-2	8	-2	88	7	2	195	144
FOUAD (Airport)	220	13	7	01	8	7	Cb	13.7		9	16		9		88	7	4	169	
DAMIETTA	220	9		20	2	8	Cu,Sc	13.6	-3.6	9	15		4		88	7	dr	97	69
PORT SAÏD	230	20	11	60	2	7	As	13.7		9	16		8		88	7	dr	34	
EL 'ARISH	180	5	15	03	2	6	Cu	13.8	-4.0	11	16	-2	4	-3	77	7	0	36	52
DAMANHUR	270	19		25	8	3	Cu	14.7	-3.1	8	17	-3	6	-1	88	6	3	56	62
MANSURA	220	5	35	01	1	3	Ac	14.4	-3.0	7	17	-3	6	-1	87	5	dr	21	29
TANTA	220	13	35	02	0	0	-	16.2	-1.8	8	18	-2	4	-2	88	6	0	17	23
ZAGAZIG	220	2	15	00	1	0	-	15.5	-2.9	12	18	-2	5	-1	88	10	0	7	15
ISMAÏLIA	250	5	7	02	1	2	Sc	14.2		11	17		8		82	6	0	8	
FAROUK (Airport)																		2	
ALMAZA	200	9	14	01	1	4	Sc,Ac	16.4		10			8		62	3	0	3	
EZBEKIYA	220	6	15	01	1	1	Ac	16.3	-2.0	9	17	-3	6	-2	71	4	dr	7	14
GÎZA	220	6	15	01	1	1	Ac	16.6	-1.7	10	18	+1	6	+1	67	4	dr	12	15
HELWÂN	160	6	7	00	2	6	Sc	16.8	-2.2	8	15	-4	8	0	88	0		13	15
FAIYÛM	240	4	35	01	1	1	St	18.0	-0.7	10	18	-3	7	+1	95	10	0	1	4
MINYA	00	0	10	03	0	3	Sc	19.4		8	18		6		66	2	0	4	
ASYUT MANQABAD	250	4	15	00	0	2		19.6		8	16		6		71	3	0	0	
NAG' HAMMADI	00	0	14	00	0	0	-	17.8	+1.2	9	18		2		62	2	0	0	
QENA	270	5	15	00	0	0	-	19.2	+0.8	8	19	-4	5	-2	58	0	0	dr	
LUXOR	00	0	30	00	0	0	-	18.5		10	18		4		54	1	0	dr	
ASWÂN	00	0	50	00	0	0	-	19.9	+1.3	12	18	-6	6	-4	51	2	0	dr	
SÎWA	270	9	15	00	0	0	-	21.6	+1.4	6	16	-4	3	-1	71	1	0	0	6
BAHARÎYA	220	3	18	01	0	2	Cu	20.4	+1.0	6	16	-5	3	-2	95	6	0	dr	5
FARAFRA																		dr	
DAKHLA	220	6	35	00	0	0	-	20.6	+0.8	5	16	-6	2	-3	70	0	0	dr	
KHARGA	00	0	35	00	0	0	-	20.3	+1.2	9	18	-5	4	-2	62	2	0	0	
SUEZ	00	0	35	00	2	6	Sc,Cu	15.1	-2.8	12	18	-2	10	+1	63	5	0	12	10
TOR	20	3	35	00	0	5		17.0	-0.6	14	19	-2	9	0	67	8	0	0	9
HURGHADA	220	8		00	0	1	Cu	16.5		13	17		8	-2	55	4	0	dr	
QUSEIR	270	13	15	02	0	0	-	16.7	-0.3	14	22	-1	12	-2	48	3	0	0	4
PORT SUDAN	360	18	30	02	2	8	Sc,Ci	14.0		21	25		17		53	11	0	34	90
WADI HALFA	340	4	30	01	1	8	Cb	20.2		7	20		4		46	-4	0	6	
ABU HAMAD	50	19	30	02	0	1	Ac	15.3		13	25		11		29	-5	0		
KAREIMA	20	6	30	00	0	0	-	17.2		12	25		11		36	-3	0	3	1
'ATBARA	340	13	10	00	0	0	-	15.0		15	28		13		32	-2	0	7	2
KHARTUM	360	9	30	02	1	3	Ac	14.7		17	30		15		24	-4	0	10	4
KASSALA	20	9	30	00	0	0	-	11.0		22	35		16		74	17	0	2	8
WAD MEDANI	360	9	50	00	0	0	-	13.5		18	33		11		73	-3	0	11	12
RENK																		0	49
ROSEIRES	310	5	35	00	0	0	-			21	34		17		44	8	0	2	36
EL OBEID	350	12	30	00	0	0	-	14.8		15	29		12		20	-8	0	0	16
EL FASHER	20	5	30	00	0	0	-	-		13	30		11		36	-2	0	0	6
GENEINA	50	7	30	00	0	0	-	-		15	33		13		25	-5	0	-	4
MALAKAL	10	17	30	00	0	0	-	10.0		22	34		18		13	-8	0	69	88
WAU	00	0	30	00	0	0	-	10.2		20	35		17		35	4	0	261	144
JUBA	310	2	30	02	1	6	Cs	10.1		25	35		17		61	11	0		145

HUMIDITY

Mean of day %

STATION	on 29th	Diff. from normal
Alexandria	67	+1
Ezbekiya	64	-1
Giza	58	-13
Helwân	73	+17

GÎZA

GRASS MINIMUM TEMP. ON 30th 1.8 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE

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

UPPER WIND OBSERVATIONS on 29th

Station	Port Said		Minia		Matruh	
Time	14		14 30		14 15	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	270	20	260	16	310	13
600	270	21	260	19	300	19
1000	280	19	260	30	330	24
1500	280	30	240	35	300	27
2000	280	29				
3000	280	35				
4000						
5000						
6000						
7000						
8000						

UPPER WIND OBSERVATIONS on 30th

Station	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		EL 'ARÎSH		HELWÂN		MINYA		ASYUT MANQABAD		LUXOR		ASWÂN		HURGHADA		
Time	5				3						6 45		3						5		9		
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300	330	22			260	18					180	11	260	13					340	4	310	21	
600	340	17			250	20					250	22	260	12					360	9	310	30	
1000					250	20					260	26	270	19					360	16	300	47	
1500					220	27					250	28	280	19					340	12	180	6	
2000					270	24															170	6	
3000																							
4000																							
5000																							
6000																							
7000																							
8000																							

Station	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
Time	5		5		5		6 30				4 15		4 50								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	25	280	21	310	10	310	4					10	12										
600	320	35	290	25	340	12	340	12			360	26	20	34									20	21
1000	320	33	290	30	330	12	310	11			340	13	20	21							20	11	30	37
1500	320	31	290	33	320	7					300	7	330	13							30	8	60	40
2000	320	34									270	24	320	15							340	7	50	5
3000											230	25									70	5	100	17
4000																					90	2	110	14
5000																					310	4		
6000																					30	10	300	9
7000																								
8000																								

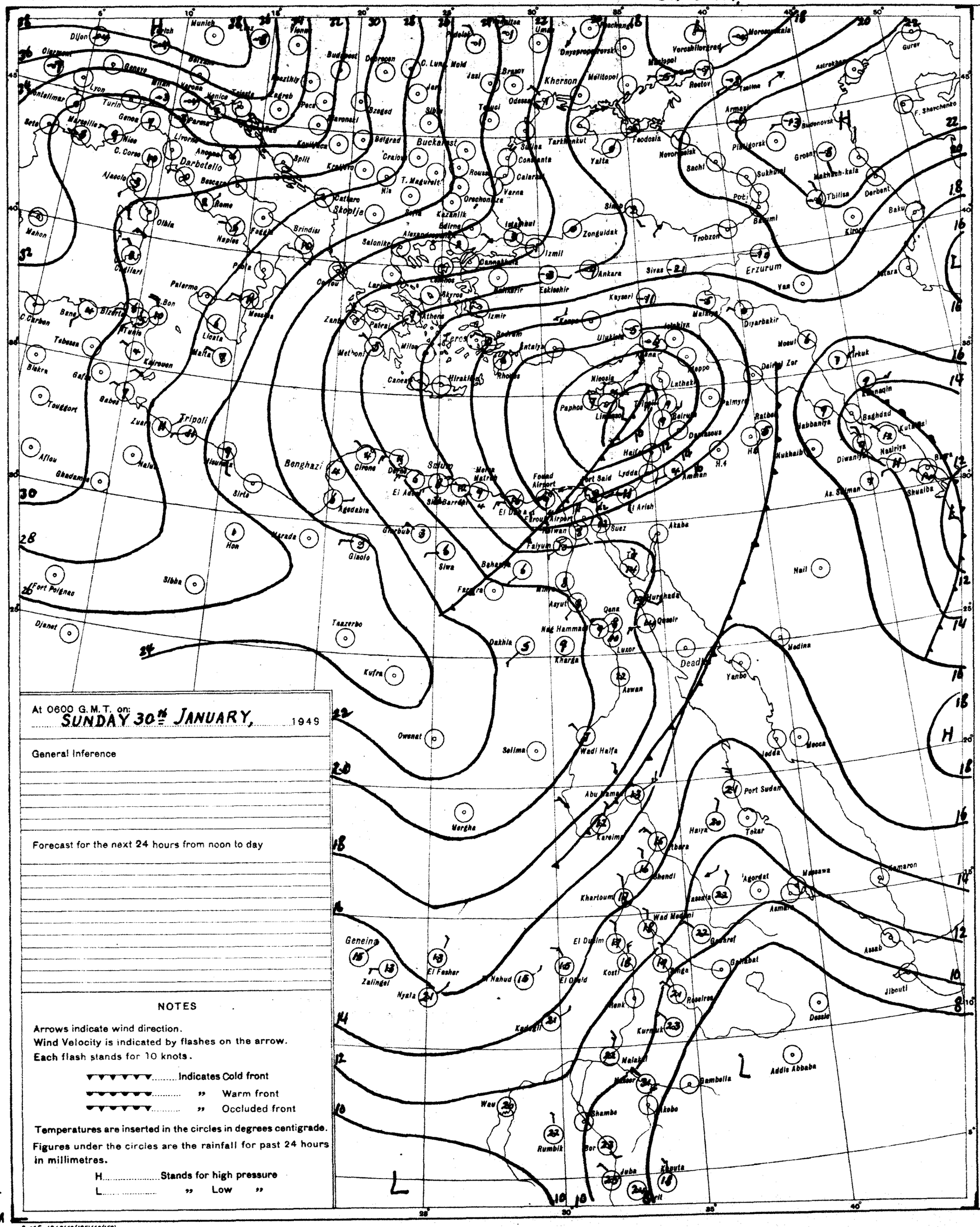
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 30th JANUARY 1949



At 0600 G.M.T. on: SUNDAY 30th JANUARY, 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

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

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

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

H Stands for high pressure
L " Low "

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

SCALE 1:15,000,000

S of E 1948(48/195)(48/450)

CAIRO

Time of Sunrise 04 46 G. M. T.

" " Sunset 15 31 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: MONDAY 31st JANUARY, 1949

At 1200 on SUNDAY 30th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	270	15	7	01	0	4	Ac	15.8	14	55	5
	62303	SIDI BARÂNI											
	62306	MATRÛH	320	16	14	02	2	7	Cb	13.1	15	55	6
	62309	EL DABA	270	23		03	2	5	Cu	12.3	14	53	5
		ALEXANDRIA	220	22	35	02	6	7	Cb	11.9	11		
	62318	FOUAD (Airport)	270	17	18	81	8	7	Cb	10.6	13	72	8
	62330	DAMIETTA	200	9	15	01	5	5	Cb	10.2	13	77	9
	62333	PORT SAÏD	250	25	11	15	6	7	Cu,Sc	10.4	13	67	7
	62336	EL 'ARISH	240	30	7	05	1	3	Cu	11.8	12	77	8
Upper Egypt	62339	DAMANHUR	270	24	3	60	6	8	Cb	11.5	12	77	8
	62342	MANSURA	270	5	15	03	2	8	Fs,Fc	11.2	14	67	8
	62348	TANTA	270	8	7	03	5	8	St	13.3	13	77	9
	62354	ZAGAZIG	220	5	7	03	2	8	Sc,Cu	12.3	15	59	7
	62441	ISMAÏLIA	270	13	7	03	2	5	Ac	11.9	16	32	-1
Cairo Area	62366	FAROUK (Airport)	260	29	8	03	1	5	Sc	12.3	14	48	3
	62372	ALMAZA											
		EZBEKIYA	180	16	15	03	2	6	Sc	13.0	15	39	1
		GIZA	180	16	15	03	2	6	Sc	13.2	15	45	3
	62378	HELWÂN	270	22	15	20	5	7	Cb	13.0	14	36	-1
Upper Egypt	62381	FAIYUM	240	12	35	03	2	7	St	14.4	17	34	1
	62387	MINYA	290	15	14	01	1	1	Cu	15.9	17	24	-4
	62393	ASYUT (Airport)	310	6	30	03	1	1	Cu	15.1	16	52	6
	62392	NAG HAMMADI	320	1	35	00	0	0	—	15.5	18	37	3
	62402	QENA	270	5	50	00	0	0	—	15.0	18	46	6
	62405	LUXOR	320	8	30	01	0	1	Cu	15.0	18	46	6
	62414	ASWÂN	360	6	50	00	0	0	—		18	40	4
Oases	62417	SÎWA	270	13	15	00	0	0	—	19.8	15	68	9
	62420	BAHARÎYA	270	4	30	03	2	8	Ac	18.0	14	95	14
	62423	FARAFRA											
	62432	DAKHLA	320	11	50	00	0	0	—	16.2	16	42	3
	62435	KHARGA	00	0	35	00	0	0	—	17.9	17	34	1
Red Sea	62450	SUEZ	220	11	35	01	0	3	Cu	12.2	17	34	1
	62459	TOR	20	8	15	00	0	6		15.1	17	42	4
	62462	HURGHADA	270	12		03	0	8	Cb	13.6	19	43	6
	62465	QUSEIR	40	9	15	02	0	0	—	14.2	18	52	8
	62641	PORT SUDÂN	30	15	30	02	2	8	Sc	11.4	23	69	17
Upper Nile	62630	WÂDI HALFA	360	12	30	00	0	0	—	15.4	19	17	-7
	62640	ABU HAMAD	50	13	30	00	0	0	—	13.0	23	10	-11
	62660	KAREIMA	20	10	30	00	0	0	—	13.5	23	10	-11
	62680	ATBARA	360	9	10	00	0	0	—	9.8	26	16	-2
	62721	KHARTUM	360	9	30	01	1	1	Ac	9.4	27	10	-7
	62750	KASSALA											
Equatorial Nile	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES	340	5	35	00	0	0	—		31	36	14
	62771	EL OBEID	10	13	30	00	0	0	—	9.1	27	8	-11
	62760	EL FÂSHER	50	9	30	00	0	0	—		26	11	-7
	62770	GENEINA	50	7	30	01	1	3	Ac		29	7	-11
Equatorial Nile	62820	MALAKÂL	20	13	30	00	0	0	—	4.4	33	15	3
	62880	WAU	00	0	30	00	0	0	—	4.6	35	8	-4
	62941	JUBA	50	2	30	02	1	6	Cs	2.8	36	17	7

At 1800 on SUNDAY 30th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	270	10	7	01	0	2	Fs,Fc	15.6	10	88	8	2
SIDI BARÂNI	310	17	35	00	6	8	Sc,Cu	14.7	12	63	5	1
MATRÛH												
EL DABA	270	23		03	2	7	Cu	10.4	13	67	7	7
ALEXANDRIA	290	16	7	01	6	4	Cb	10.6	12	55	3	10
FOUAD (Airport)	290	16	10	02	8	8	Cu,Sc	10.5	12	55	3	20
DAMIETTA	220	13		03	6	8	Cb	8.8	10	95	10	5
PORT SAÏD	260	27	10	81	8	7	Cu,Sc	9.5	11	82	8	0.6
EL 'ARISH	220	13	7	03	2	8	As	10.8	13	55	4	0
DAMANHUR	270	9	2	60	6	7	Cb	11.2	10	88	8	6
MANSURA	320	5	3	50	5	8	Fs,Fc	10.8	10	88	8	dr.
TANTA	180	8	7	02	5	8	Cu,Sc	12.3	11	88	9	dr.
ZAGAZIG	220	2	3	02	2	8	Sc,Cu	11.2	11	77	7	0
ISMAÏLIA	250	2	7	03	2	8	As	11.2	12	55	3	0
FAROUK (Airport)	250	24	7	02	1	7	Sc	8.7	13	48	2	0
ALMAZA												
EZBEKIYA	270	6	15	01	1	2	Sc	12.3	12	55	3	0
GIZA	270	6	15	01	1	2	Sc	13.2	11	63	4	0
HELWÂN	250	16	7	02	2	5	Sc	13.2	12	44	0	dr.
FAIYUM	240	2	35	01	1	3	St	13.9	12	44	0	0
MINYA	290	8	8	00	0	0	—	14.7	11	36	-4	0
ASYUT (Airport)												
NAG HAMMADI	00	0	35	00	0	0	—	16.9	9	71	4	0
QENA	270	5	7	00	0	0	—	15.1	12	55	3	0
LUXOR	290	3	12	00	0	0	—	16.8	12	51	2	0
ASWÂN	360	7	50	00	0	0	—	16.8	15	48	4	0
SÎWA	00	0	7	00	0	0	—	20.6	13	55	4	0
BAHARÎYA	270	4	18	00	2	0	—	17.5	10	95	10	0
FARAFRA	220	3	7	00	3	0	—	18.8	9	47	-2	0
DAKHLA	320	5	35	00	0	0	—	18.0	11	51	1	0
KHARGA	00	0	7	00	0	0	—	19.2	11	51	1	0
SUEZ	00	0	15	01	0	1	Cu	12.0	14	48	3	0
TOR	40	10	15	00	0	0	—	16.5	17	52	7	0
HURGHADA	270	12	30	00	0	0	—	14.0	14	48	3	0
QUSEIR	330	9	15	02	0	0	—	14.4	17	52	7	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTUM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES								31	36	14		
EL OBEID								27	8	-11		
EL FÂSHER								26	11	-7		
GENEINA								29	7	-11		
MALAKÂL								33	15	3		
WAU								35	8	-4		
JUBA								36	17	7		

At 0600 on MONDAY 31st

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Bar. Pressure Diff. from normal mbs	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st
SALUM	250	11	7	25	6	4	Fs,Fc	15.2		10	14		6		76	6	3		
SIDI BARÂNI	320	10	35	03	5	7	Cb	14.3		13	14		8		67	7	1	222	
MATRÛH	280	11	13	02	2	6	Cb	13.3		9			8		88	7	5	175	
EL DABA	270	18		03	2	4	Cu	12.6		11	14		5		77	7	7	123	
ALEXANDRIA	310	11	30	01	5	4	Cb	12.3	-5.9	13	14	-4	10	0	55	4	10	205	145
FOUAD (Airport)	310	7	10	02	2	5	Sc	11.8		13	14		10		55	4	21	190	108
DAMIETTA	220	5	3	01	6	2	Cu	11.5	-5.6	13	14		5		51	3	25	122	70
PORT SAÏD	260	19	12	01	8	1	Cb	11.1		10	14		8		76	6	1	35	
EL 'ARISH	220	19	35	01	0	1	Cu	10.1	-7.7	9			4	-3	88	7	4	40	52
DAMANHUR	270	5	3	01	1	1	Cu	12.0	-5.7	8	12	-8	7	0	88	6	6	62	62
MANSURA	140	2	35	01	1	3	St	11.6	-5.7	8	15	-5	7	0	88	6	dr.	21	29
TANTA	220	8	35	01	6	4	Cu	13.3	-4.5	8	13	-7	5	-1	88	6	1	18	23
ZAGAZIG	220	2	15	00	2	0	—	13.1	-5.2	9	17	-3	7	+1	88	7	2	9	15
ISMAÏLIA	270	9		03	1	4	As	12.7		9	16		8		88	7	2	10	
FAROUK (Airport)	240	14	12	01	2	7	Sc	13.5		8	16		8		94	7	0.1	2	
ALMAZA	250	9	12	02	6	7	Sc	13.5		9			8		65	6	0.1	3	
EZBEKIYA	270	7	15	03	2	1	Sc	14.3	-4.0	10	16	-4	8	0	76	6	1	8	14
GIZA	270	7	15	02	2	1	Sc	14.0	-4.2	9	16	-3	8	-2	88	7	1	13	15
HELWÂN	160	11	15	02	6	8	Fs,Fc	14.0	-4.9	8	15	-4	7	-1	71	3	0.5	13	15
FAIYUM	240	9	35	03	2	8	Fs,Fc	15.4	-3.2	8	17	-4	6	0	58	0	0	1	4
MINYA	240	7	10	01	1	2	Ac	16.9		7	18		3		43	-5	0	4	
ASYUT (Airport)	270	5	30	00	0	0	—	17.0		9	17		8		62	2	0	0	
NAG HAMMADI	00	0	35	00	0	0	—	19.1	+0.6	9	18		2		47	-2	0	0	
QENA	240	9	15	00	0	0	—	18.4	+0.1	8	19	-4	5	-2	58	0	0	dr.	
LUXOR	320	3	30	00	0	0	—	18.1		9	19		4		54	0	0	dr.	
ASWÂN	320	4	50	00	0	0	—	19.2	+0.6	11			7	-3	54	2	0	dr.	
SÎWA	270	4	15	00	0	0	—	17.9	-2.2	7	16	-4	5	+1	71	2	0	0	6
BAHARÎYA	270	5	18	02	1	4	Ac	17.6	-1.7	6	16	-5	4	-1	95	6	0	dr.	5
FARAFRA	270	9	35	00	0	0	—	19.5		10	16		3		62	3	0	dr.	
DAKHLA	270	3	35	00	0	0	—	19.5	-0.3	4	17	-5	2	-3	30	-12	0	dr.	
KHARGA	00	0	35	00	0	0	—	20.4	+1.4	7	17	-6	2	-4	71	2	0	0	
SUEZ	00	0	15	00	6	6	Cb	12.8	-5.1	11	19	-1	9	0	63	4	1	12	10
TOR	20	7	7	00	0	3		15.5	-2.0	14			9	0	55	5	0	0	9
HURGHADA	260	10		03	0	1	Cu	15.2		12	20		8		44	0	0	dr.	
QUSEIR	270	19	15	02	0	0	—	16.0	-0.9	12	21	-2	10	-4	55	3	0	0	4
PORT SUDÂN	340	10	30	02	2	7	Sc	14.2		21	24		18		45	8	0	34	90
WÂDI HALFA	10	6	30	01	0	1	Ac	19.5		7	20		4		46	-4	0	4	
ABU HAMAD	20	19	30	00	0	0	—	16.1		12	24		10		36	-3	0	—	
KAREIMA																		3	1
ATBARA																		7	2
KHARTUM																		10	4
KASSALA																		2	8
WÂD MEDANI																		11	12
RENK																		0	49
ROSEIRES	20	5	35	00	0	0	—			21	35		17		28	2	0	2	36
EL OBEID	350	11	30	03	0	0	—	15.8		14	28		18		23	-7	0	0	16
EL FÂSHER																		0	6
GENEINA	50	6	30	00	0	1	Ac	16.0		14	31		13		23	-7	0	—	4
MALAKÂL	20	17	30	00	0	0	—	11.1		20	35		17		19	-4	0	69	88
WAU	00	0	30	00	0	0	—	10.7		20	36		17		38	5	0	261	144
JUBA																	0	129	145

UPPER AIR OBSERVATIONS

Humidity — Mean of day

Station	On	Diff. from normal
	30th	
Alexandria	69	+3
Ezbekiya	58	-7
Giza	57	-14
Helwân	59	+3

GIZA — Grass minimum temp. On 31st 6.2 °C.

Remarks

Aeroplane Ascent — On ... At ...

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

Remarks

RAWINSONDE — FAROUK AIRPORT — On 31st At 3

Pressure mbs	Height above M.S.L. Metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	95	8	88	240	14
950					
900					
850	1421	0	86	300	32
800					
700	2950	-9		280	35
600					
500					
400					
300					

RAWINSONDE — AIRPORT — On ... At ...

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

UPPER WIND OBSERVATIONS on 30th

Station	Matruh		Fouad Air		Minya	
Time	13 45		14 45		14 45	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	310	20	290	35	280	31
600	320	23	290	42	280	27
1000	310	31	290	45	280	29
1500			270	23	280	45
2000					280	31
3000						
4000						
5000						
6000						
7000						
8000						

UPPER WIND OBSERVATIONS on 31st

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Airport		Luxor		Aswan		Hurghada		
Time	5		6		3		5				7		3						5		10		
Height m.	Dir.	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	280	9	340	16	280	29			180	9	20	[illegible]					340	6	300	17	
600	320	19	320	13	340	16	290	31			220	7	20	[illegible]					340		290	15	
1000	320	19	320	25	360	17	300	29					10	13					330	19	290	20	
1500	320	23					300	36					10	12					320	12	300	18	
2000																			300	6	290	27	
3000																							
4000																							
5000																							
6000																							
7000																							
8000																							

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	5		5		5		6	15	5				5								5		4	15
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	300	32	280	32	310		270	3	10	21			10	21										
600	300	32	300	36	320	21	320	13	30	30			30	30									10	25
1000	300	35	300	45	320	22			30	23			30	23							20	11	20	44
1500	310	28	290	40	280	18			350	23			350	23							10	6	50	22
2000	330	26							260	19			260	19							360	5	70	9
3000	310	20							220	17			220	17							350	3	360	15
4000																							360	1
5000																								
6000																								
7000																								
8000																								

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

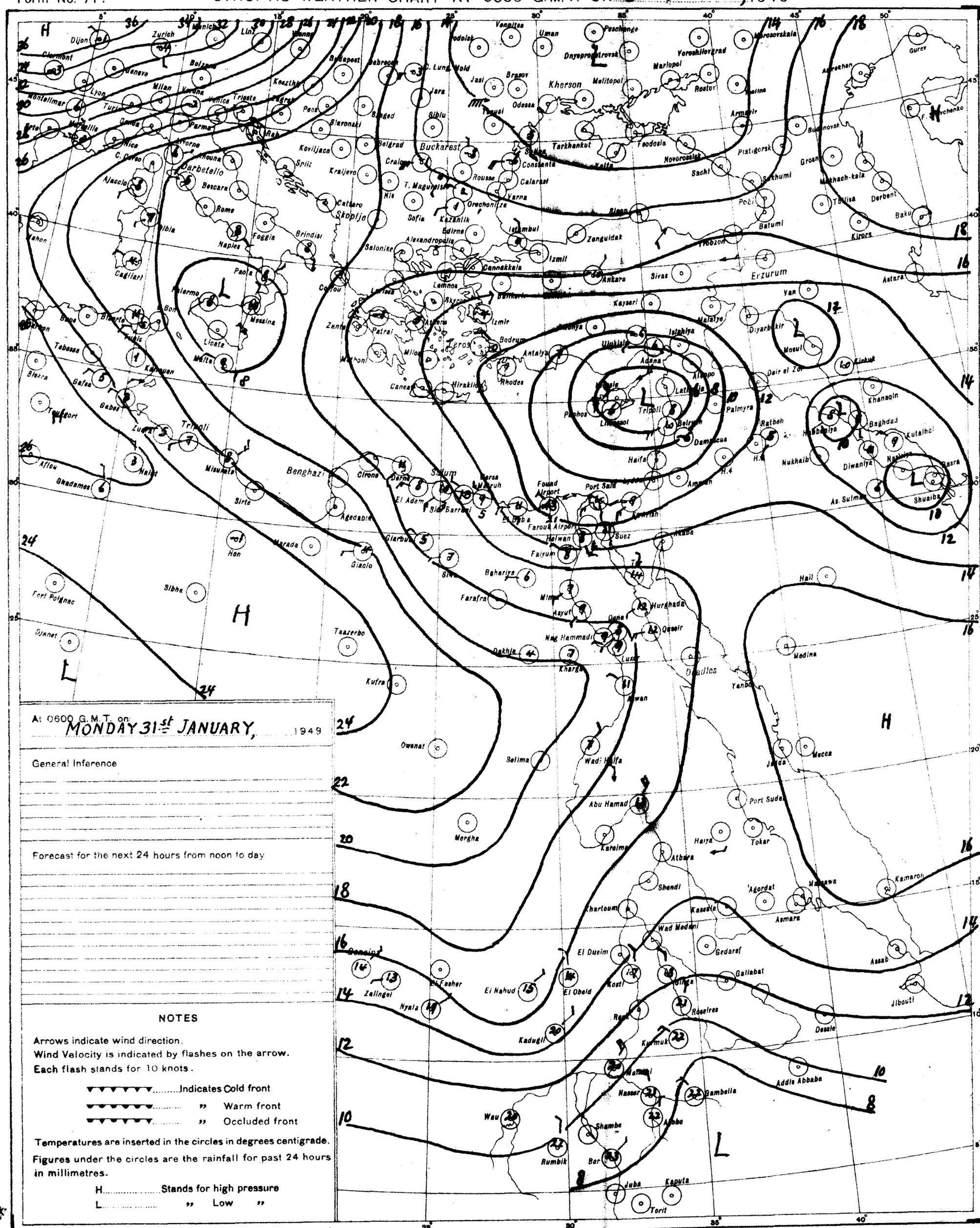
Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

F.G.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 31st JANUARY, 1949


Dijon
Zurich
Munich
Linz
Vienna
Clermont
Geneva
Belgrade
Budapest
Debrecen
Lyon
Milan
Venice
Trieste
Zagreb
Keszthely
Montelimar
Turin
Genoa
Marseille
Parma
Nice
Bari
Rome
Naples
Foggia
Brindisi
Palermo
Messina
Catania
Malta
Cagliari
Tripoli
Benghazi
Misurata
Sirte
Kufra
Owenat
Selima
Wadi Halfa
Abu Hamad
Port Sudan
Tokar
Mergha
Kassala
Atbara
Shendi
Khartoum
Asmara
Massawa
Kamaran
Assab
Jibouti
Dessie
Addis Ababa
Gambella
Nasser
Wau
Rumbik
Bor
Juba
Kapoeta
Torit
Kuku
Gallabat
Roseires
Kosti
El Obeid
El Dueim
Wad Medani
Gedaref
Kadugli
Nyala
Zalingei
El Fasher
Ei Nahud
Geneina
Faiyum
Helwan
Suez
Port Said
Ismailia
Haifa
Damascus
Beirut
Tripoli
Latakia
Aleppo
Palmyra
Ratbeh
Nukhaib
Diwaniya
Baghdad
Kutalhai
Khanaqin
Basra
Shuaiba
As Sulmaniya
Mosul
Diyarbakir
Van
Erzurum
Sivas
Ankara
Kayseri
Malatya
Adana
Antalya
Rhodes
Izmir
Bodrum
Athens
Salonika
Istanbul
Izmit
Zonguldak
Trebizon
Batumi
Poti
Sukhumi
Tbilisi
Baku
Derbent
Makhach-kala
Kirovs
Astara
Groznyi
Budennovsk
Pistigorsk
Sachi
Novorossiysk
Feodosia
Tarkhankut
Sevastopol
Constanta
Varna
Odessa
Kherson
Dnyeprodzerzhinsk
Voroshilovgrad
Mariopol
Rostov
Taganrog
Astrakhan
Gurev
Uman
Vinnitsa
Jassy
Brasov
Sibiu
Belgrade
Craiova
Rousse
Calarasi
Orechovitza
Sofia
Kazanlik
Edirne
Alexandropolis
Salonika
Cannakkale
Lemnos
Skyros
Zante
Patrai
Corfou
Cattaro
Skopije
Kraljevo
Koviljaca
Split
Barbetello
Bescara
Ajaccio
Bonifacio
Bona
Tebessa
Biskra
Gafsa
Gabes
Zuara
Nalut
Misurata
Aflou
Ghadames
Hon
Murada
Giaolo
Sibha
Fort Polignac
Djanet
Taazerbo
Kufra
Mergha
Darna
El Adem
Sidi Barrani
Marsa Matruh
El Daba
Farouk Airport
Helwan
Faiyum
Beharia
Farafra
Minya
Asyut
Nag Hammadi
Dakhla
Kharga
Luxor
Qena
Hurghada
Qoseir
Aswan
Dongola
Wadi Halfa
Port Sudan
Jedda
Mecca
Medina
Yanbo
Haiya
Atbara
Kassala
Asmara
Gondar

CAIRO

Time of Sunrise 04 46 G.M.T.

" " Sunset 15 32 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: TUESDAY 1st FEBRUARY, 1949

At 1200 on MONDAY 31st

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	320	12	7	02	2	5	FsFc	16.0	15	48	4
	62303	SIDI BARANI	280	8	35	50	2	8	Cb	14.0	14	67	8
	62306	MATRUH	340	8	14	02	2	7	CbCi	14.4	15	52	5
	62309	EL DABA	320	19	0.8	02	1	3	Cu	13.1	15	48	4
		ALEXANDRIA	310	10	50	02	5	4	Cb	13.1	15	48	4
	62316	FOUAD (Airport)	290	10	18	02	1	4	Cu,Ac	12.7	15	55	6
	62330	DAMIETTA	270	9	15	02	1	3	Cu	11.9	15	59	7
	62333	PORT SAID	270	15	18	03	0	4	Cu,Sc	11.8	15	59	7
	62336	EL 'ARISH	270	13	15	03	2	4	Cu	10.4	15	48	4
Lower Egypt	62339	DAMANHUR	310	5	7	03	2	6	Cu	13.0	15	68	9
	62342	MANSURA	270	9	15	50	5	8	Cb	12.6	15	59	7
	62348	TANTA	00	0	3	03	2	6	St	14.0	13	88	11
	62354	ZAGAZIG	220	5	15	01	1	4	Ac	13.6	16	59	8
	62447	ISMAILIA	270	9	7	03	2	6	Sc	13.1	14	55	5
Cairo area	62356	FAROUK (Airport)	190	18	15	02	1	5	Cb	13.4	14	52	4
	62372	ALMAZA											
		EZBEKIYA	270	8	15	03	2	5	Cu	13.9	15	48	4
		GIZA	270	8	15	03	2	5	Cu	14.2	16	52	6
	62378	HELWAN	180	16	35	01	5	7	Cu,Sc	14.3	12	68	5
Upper Egypt	62381	FAIYUM	330	2	35	02	6	8	FsFc	15.2	11	77	7
	62387	MINYA	320	18	18	03	1	6	Cu,Sc	15.7	16	34	0
	62392	ASYUT	320	13	30	03	1	4	Cu	15.4	16	59	8
	62399	NAG HAMMADI	320	2	35	00	0	0	–	14.8	18	37	3
	62402	QENA	240	7	50	00	0	0	–	15.8	17	34	1
	62405	LUXOR	270	12	30	00	0	0	–	15.9	16	39	2
	62414	ASWAN	340	4	50	00	0	0	–	16.4	17	32	0
Oases	62417	SIWA	320	10	15	00	0	0	–	18.2	17	68	11
	62420	BAHARIYA	310	4	30	03	2	8	Ac	18.3	16	59	8
	62423	FARAFRA											
	62435	DAKHLA	320	11	50	00	0	0	–	17.7	16	49	5
	62438	KHARGA	340	4	35	00	0	0	–	17.0	17	26	-3
Red Sea	62440	SUEZ	00	0	35	01	1	4	Cu	12.4	16	42	3
	62456	TOR	310	12	7	00	0	4		15.5	16	49	5
	62462	HURGHADA	250	11		03	1	3	Cu	14.0	19	32	2
	62465	QUSEIR	310	19	15	02	0	0	–	15.0	19	30	1
	62641	PORT SUDAN	50		50	02	1	1	Cu	12.5	24	57	15
Sudan	62630	WADI HALFA	10	13	30	03	0	2	Ac	16.6	18	20	-5
	62640	ABU HAMAD	50	13	30	00	0	0	–	11.9	23	15	-5
	62650	KAREIMA	50	9	30	00	0	0	–	13.0	23	12	-8
	62656	ATBARA	360	9	10	00	0	0	–	10.3	25	15	-4
	62721	KHARTUM	20	13	30	03	1	6	CiCs	10.5	26	12	-6
	62730	KASSALA	20	9	30	00	0	0	–	5.6	31	41	16
Equatorial Sudan	62751	WAD MEDANI	340	13	35	00	0	0	–	7.9	30	9	-6
	62761	RENK											
	62902	ROSEIRES	310	5	35	00	0	0	–		32	29	
	62911	EL OBEID	20	12	30	00	0	0	–	9.4	26	9	-13
	62750	EL FASHER	70	5	30	00	0	1	Ci		26	17	-11
	62770	GENEINA											
Equatorial Lakes	62840	MALAKAL	30	13	30	02	0	1	Ci	5.1	33	16	4
	62800	WAU	00	0	30	02	1	5	Cs	6.2	33	11	-1
	62841	JUBA	340	5	30	00	0	0	–	3.8	35	15	5

At 1800 on MONDAY 31st

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	290	5	3	01	0	0	–	16.2	11	77	7	0
SIDI BARANI	280	7	35	01	0	3	Cb	15.4	12	88	8	0.2
MATRUH												
EL DABA	320	20	0.8	02	1	0	Cu		14	48	3	0
ALEXANDRIA	360	5	3	01	5	3	Cu,Sc	15.5	13	55	4	dr
FOUAD (Airport)	290	5	18	01	8	2	Sc	14.2	13	63	6	dr
DAMIETTA	200	5		00	5	0	–	14.2	9	88	7	dr
PORT SAID	240	14	15	02	1	0	–	13.8	12	67	7	0
EL 'ARISH	220	13	7	20	5	2	Cu	14.0	11	63	4	R
DAMANHUR	360	5	3	01	1	3	Cu	15.1	12	77	8	0
MANSURA	320	5	3	03	6	8	Cb	15.0	10	74	6	2
TANTA	220	8	3	02	6	8	St	14.3	8	88	6	0.4
ZAGAZIG	220	2	15	00	2	0	–	16.3	10	88	8	1
ISMAILIA	250	2	7	01	1	3	Sc	15.2	10	76	6	0
FAROUK (Airport)	210	11	8	00	2	0	–	15.5	10	76	6	0
ALMAZA												
EZBEKIYA	00	0	15	01	1	1	Cu	15.9	10	76	6	dr
GIZA	00	0	15	01	1	1	Cu	16.3	9	82	6	dr
HELWAN	140	2	15	01	1	0	–	16.9	10	76	6	dr
FAIYUM	330	2	35	01	4	6	FsFc	16.2	10	88	8	1
MINYA	340	6	12	00	2	0	–	17.0	9	54	0	dr
ASYUT												
NAG HAMMADI	00	0	35	00	0	0	–	18.4	10	62	3	0
QENA	270	5	7	00	0	0	–	17.4	10	67	4	0
LUXOR	00	0	12	00	0	0	–	17.6	10	58	2	0
ASWAN	00	0	50	00	0	0	–	17.9	14	36	-1	0
SIWA	00	0	7	00	0	0	–	18.2	12	59	4	0
BAHARIYA	270	1	18	50	5	5	Ac	17.5	11	51	1	dr
FARAFRA												
DAKHLA	320	5	35	00	0	0	–	18.0	11	41	-2	0
KHARGA	00	0	15	00	0	0	–	19.9	12	44	0	0
SUEZ	00	0	15	01	0	0	–	15.0	12	63	5	0
TOR	340	4	7	00	0	0	–	17.6	13	55	4	0
HURGHADA	260	10		01	1	2	Cu,Sc	16.0	15	72	10	0
QUSEIR	310	13	15	02	0	0	–	16.3	16	32	-1	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 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	Diff. from normal mbs	Temp. Dry Bulb °C	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs mms	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
SALUM	250	9	7	02	0	0	–	14.7		10	16		6		76	6	0		
SIDI BARANI	220	6	35	01	0	0	–	14.8		8	15		6		88	6	0.2	222	
MATRUH																	dr	175	
EL DABA	220	15		01	1	0	–	15.1		10	18		5		76	6	2	125	
ALEXANDRIA	180	5	50	03	6	8	Cb	16.0	-2.2	11	16	-2	9	-1	88	9	3	208	147
FOUAD (Airport)	240	7	18	03	8	7	Sc,Ac	15.8					9			8	4	194	104
DAMIETTA	200	5	15	12	0	1	Cu	15.8	-1.3	7	16		4		95	7	dr	122	71
PORT SAID	230	16	10	03	0	5	Sc	15.9		10	16		8		76	6	0	35	
EL 'ARISH	180	2	35	01	0	0	–	16.7	-1.0	10	16	-3	6	-1	76	6	R	40	53
DAMANHUR	260	5	3	03	6	7	As	16.0	-1.6	9	16	-4	7	0	88	7	0.6	62	63
MANSURA	140	5	35	01	5	4	St	16.0	-1.3	7	17	-3	6	-1	95	7	2	23	30
TANTA	220	8	35	01	1	3	Cu	17.5	-0.4	7	16	-4	5	-1	88	5	0.4	19	24
ZAGAZIG	220	5	15	00	0	0	–	17.0	-1.3	6	17	-3	5	-1	95	6	1	10	16
ISMAILIA	250	5	7	01	1	3	Ac	17.0		9	15		7		71	4	0	10	
FAROUK (Airport)	170	22	9	00	0	0	–	16.6		8	15		7		71	3	1	3	
ALMAZA	170	14	15	00	0	0	–	17.2	-1.0	8			6		95	8	1	4	
EZBEKIYA	180	3	15	00	0	0	–	17.5	-0.7	8	16	-4	7	-1	71	3	dr	8	15
GIZA	180	3	15	00	0	0	–	17.8	-0.3	10	18	-1	6	+1	67	4	dr	13	16
HELWAN	140	11	7	02	0	0	–	18.0	-0.9	7	15	-4	5	-3	87	5	dr	13	16
FAIYUM	200	2	35	01	0	0	–	18.4	-0.1	7	15	-6	4	-2	71	2	1	2	5
MINYA	200	6	6	10	0	0	–	19.5		6	18		1		57	-2	dr	4	
ASYUT	00	0	30	00	0	0	–	19.3		8	18		4		58	0	0	0	-
NAG HAMMADI	00	0	35	00	0	0	–	19.8	+1.4	8	19		2		58	0	0	0	
QENA	220	2	15	00	0	0	–	19.4	+1.2	7	18	-5	3	-4	71	2	0	dr	
LUXOR	00	0	30	00	0	0	–	19.8		8	18		2		62	1	0	dr	
ASWAN	00	0	50	00	0	0	–	20.3	+1.7	11	19	-5	6	-4	51	1	0	dr	
SIWA	00	0	–	00	0	0	–	18.6	-1.4	6	18	-2	4	0	71	1	0	0	6
BAHARIYA	180	2	15	02	0	0	–	19.1	-0.1	8	17	-4	3	-2	58	0	dr	dr	5
FARAFRA																		dr	
DAKHLA	140	3	35	00	0	0	–	19.9	+0.1	4	18	-4	0	-5	65	-2	0	dr	
KHARGA	00	0	18	00	0	0	–			7	18	-5	1	-5	27	-11	0	0	
SUEZ	00	0	35	00	0	0	–	16.4	-1.4	12	18	-2	7	-3	63	5	0	12	11
TOR	20	2	7	00	0	0	–	18.6	+1.1	11			8	-1	63	4	0	0	10
HURGHADA	250	8		00	0	1	Cu	18.3		10	19		6		67	4	0	dr	
QUSEIR	270	13	15	00	0	2	Cu	18.2	+1.4	13	20	-3	11	-3	55	4	0	0	4
PORT SUDAN	320	10	18	02	2	2	Sc	16.3		19	25		16		52	9	0	34	91
WADI HALFA																	0	tr	
ABU HAMAD	50	19	30	00	0	0	–	15.8		12	24		10		26	-7	0	–	
KAREIMA	50	3	30	00	0	1	Ac	17.0		12	24		11		26	-7	0	3	1
ATBARA	360	13	2	07	0	0	–	15.1		14	26		12		29	-4	0	7	2
KHARTUM	360	5	30	02	0	1	Ci	14.4		15	27		12		30	-3	0	10	4
KASSALA	180	2	30	00	0	0	–	11.2		21	32		17		69	15	0	2	8
WAD MEDANI	50	19	50	00	0	0	–	13.5		16	31		13		28	-3	0	11	12
RENK																		0	49
ROSEIRES	310	5	35	00	0	0	–			20	34		17		43	7	0	2	36
EL OBEID	350	7	30	01	1	4	Ci	15.2		14	27		11		23	-7	0	0	16
EL FASHER	30	1	30	00	0	2	Ci			11	28		8		41	-2	0	0	6
GENEINA	50	3	30	00	0	0	–			14	30		12		18	-10	0	—	4
MALAKAL	20	17	30	03	0	2	CiCs	11.1		21	34		18		15	-7	0	69	88
WAU	00	0	30	02	1	7	Ac,Ci	11.0		20	34		17		24	-1	0	261	144
JUBA	00	0	10	03	1	3	Ac	16.0		25	36		18		36	9	0	129	146

UPPER AIR OBSERVATIONS

Aeroplane Ascent

	On	At
Alexandria	31st	56 -10
Ezbekiya		73 +8
Giza		77 +7
Helwan		73 +18

G I Z A

Grass Minimum Temp. 1st 1.5 °C

Remarks

Radiosonde

	FAROUK	AIRPORT	AIRPORT	AIRPORT
On	1st	3		
At				
Pressure mbs	Height above M.S.L. feet	Temp. °C	Humid. %	Wind Dir. Vel.
1000	128	7	81	180 10
950				
900				
850	1451	1	64	270 17
800				
700	2980	-8		270 22
600				
500	5550	-23		270 29
400		-28		
300				

Remarks

UPPER WIND OBSERVATIONS on 31st

Station	MATRUH		FOUAD A.P.		PORT SAID		MINYA	
Time	14		14 30		14		15	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	320	19	300	16	270	15	300	14
600	310	26	290	17	280	17	280	15
1000	310	13	300	19	290	23	280	14
1500			300	24	290	23	280	11
2000			300	25	290	26		
3000			300	17				
4000			320	19				
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 1st

Station	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SAID		EL 'ARISH		HELWAN		MINYA		ASYUT MANGABAD		LUXOR		ASWAN		KURGHADA		ALMAZA	
Time	5				3		4				6 45		3						5		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	270	20			250	12	250	27			170	9	280	9							330	11	220	11
600	280	22			260	12	260	23			240	15	280	13					10	13	330	14	230	13
1000	270	19			240	13	270	16			250	16	270	15					10	10	310	20	240	14
1500	260	23			240	12	270	13			260	15	300	17					320	9	280	8	260	13
2000	260	20			230	16	320	9					300	16					310	20	280	16	260	12
3000					230	23																	260	16
4000																								
5000																								
6000																								
7000																								
8000																								

Station	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
Time	5		5		5		5				4 15		5				4 30		4 45				4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	270	20	280	14	50	2	40	2																
600	280	17	280	19	350	3	10	9			100	37	40	24			50	12					20	27
1000	280	17	320	25	320	3	10	9			10	36	40	32			40	13	40	25	40	8	20	36
1500	270	16	310	23	300	6	340	5			350	6	20	12			50	5	50	11	80	7	60	14
2000	270	17	260	22	290	33					240	9	240	9			30	8	50	4	220	5		
3000	270	27	280	16									260	24					360	2	250	12		
4000			290																		240	9	110	7
5000																					220	17	170	5
6000																							250	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.

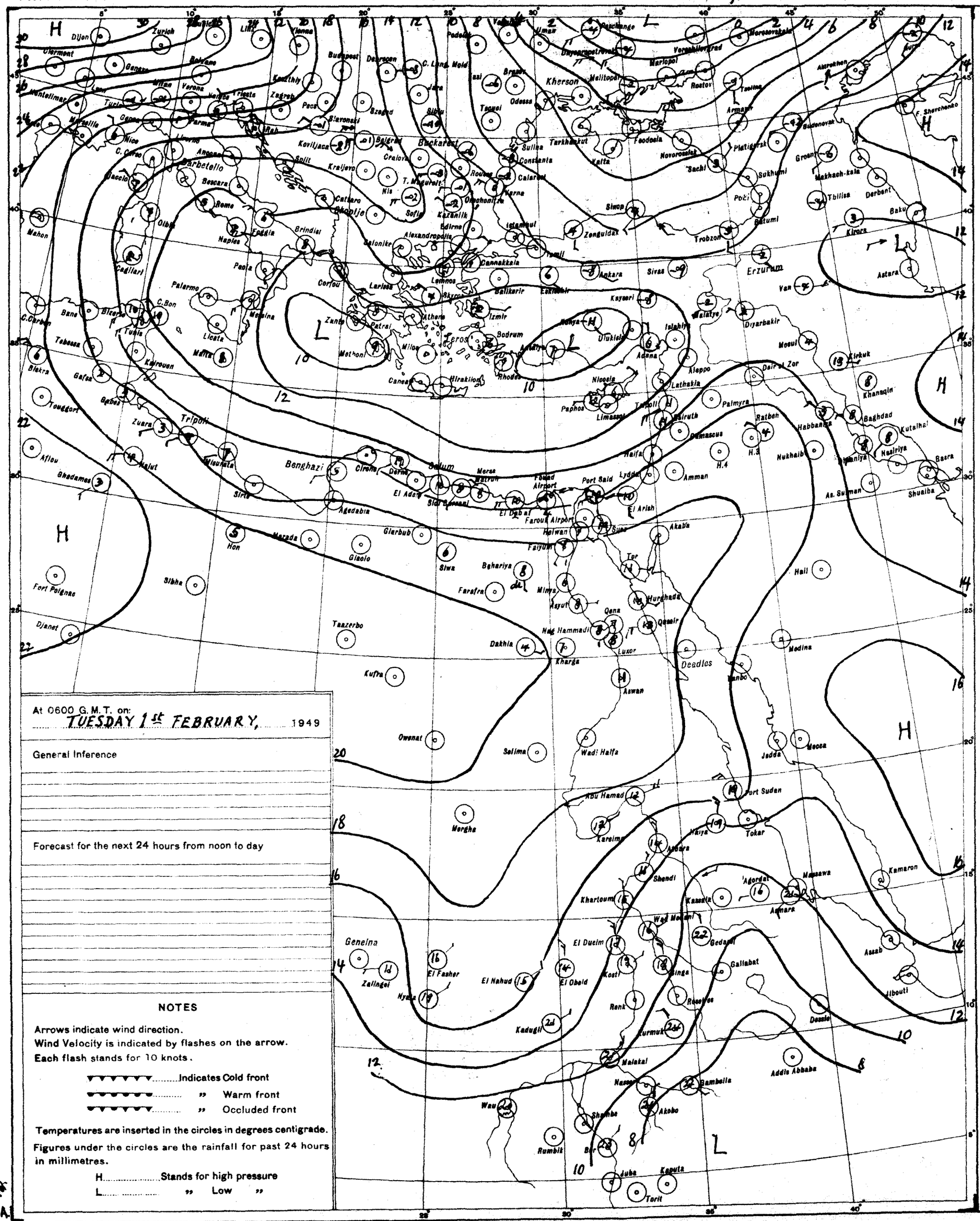
Note: All times G. M. T.

Z.A.S

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 1st FEBRUARY, 1949



At 0600 G.M.T. on: TUESDAY 1st FEBRUARY, 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

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

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

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

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

AW
F.H.A.

S of E 1948(48/195)(48/450)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 45 G. M. T.

" " Sunset 15 33 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: Wednesday 2nd February, 1949

At 1200 on Tuesday 1st

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	220	8	7	03	1	5	Ac	13.4	16	42	3
	62303	SÎDI BARÂNI	260	10	35	03	1	5	Cu	13.8	14	77	10
	62306	MATRÛH	290	20	14	02	0	2	St	13.6	16	49	5
	62309	EL DABA	270	15	0.8	01	1	4	Cu	13.6	15	52	6
		ALEXANDRIA	220	10	50	01	6	3	Cu,Sc	14.3	15	59	7
	62318	FOUAD (Airport)	240	14	18	00	0	0	-	13.9	16	64	9
	62330	DAMIETTA	220	9	7	03	2	7	Cu,Sc	14.2	15	63	8
	62333	PORT SA'ÎD	250	13	30	03	1	6	Sc	14.6	16	52	6
	62336	EL 'ARISH	250	9	35	03	1	2	Cu	15.8	17	42	4
Lower Egypt	62339	DAMANHUR	270	9	7	01	1	2	Cu	17.0	13?		
	62342	MANSURA	220	5	35	02	2	4	Cu	14.7	18	52	8
	62348	TANTA	220	13	35	02	0	0	-	15.9	18	37	3
	62354	ZAGAZIG	220	5	15	01	1	4	Ac	15.8	18	52	8
	62441	ISMAÎLIA	250	5	15	03	1	4	Sc	15.2	17	34	1
Cairo Area	62366	FAROUK (Airport)	200	10	18	03	1	4	Sc	15.0	16	45	4
	62372	ALMAZA	250	13	30	01	0	4	Sc	15.2	16	42	3
		EZBEKÎYA	270	5	35	03	0	3	Cu	15.2	18	37	3
		GÎZA	270	5	35	03	0	3	Cu	15.4	18	37	3
	62378	HELWÂN	220	7	50	02	0	1	Cu	15.9	17	34	1
Upper Egypt	62381	FAIYÛM	200	2	35	02	0	0		16.0	19	37	4
	62387	MINYA	280	11	18	00	0	1	Cu	17.1	19	24	-2
	62393	ASYÛT MANQABAD	00	0	30	00	0	0	-	16.6	17	52	7
	62399	NAG' HAMMÂDI	00	0	35	00	0	0	-	17.9	18	37	3
	62402	QENA	270	5	50	00	0	0	-	17.5	18	37	3
	62405	LUXOR	290	2	30	00	0	0	-	17.0	18	40	4
	62414	ASWÂN	320	3	50	00	0	0	-	17.0	18	30	0
Oases	62417	SÎWA	270	10	15	00	0	0	-	18.2	18	49	7
	62420	BAHARÎYA	270	4	35	02	1	2	Ac	17.1	19	23	-3
	62423	FARAFRA											
	62432	DAKHLA	00	0	50	00	0	0	-		19	37	4
	62435	KHARGA	00	0	35	00	0	0	-	18.8	18	37	3
Red Sea	62450	SUEZ	180	4	35	03	1	5	Cu	14.7	17	42	4
	62459	TÛR	270	2	15	00	0	0	-	19.2	18	37	3
	62462	HURGHÂDA	10	5		01	0	0	-	16.9	17	56	8
	62465	QUSEIR	40	13	15	02	0	0	-	17.5	18	46	6
	62641	PORT SÛDÂN	40	17	30	02	0	1	Cu	13.7	24	61	16
North Sudan	62600	WÂDI HALFA	360	15	30	00	0	0	-	15.7	19	18	-6
	62640	ABU HAMAD	50	13	30	03	0	1	Ac	11.8	25	14	-5
	62660	KAREIMA	50	9	30	00	0	1		12.4	24	15	-5
	62680	'ATBARA	20	9	10	02	0	1	Ci	9.8	28	12	-4
	62721	KHARTÛM	20	9	20	01	1	1	Ci	9.2	28	10	-6
	62730	KASSALA	340	8	30	00	0	0	-	5.1	32	38	16
Central Sudan	62751	WÂD MEDANI	360	9	35	00	0	0	-	6.6	31	19	5
	62801	RENK											
	62802	ROSEIRES	360	5	35	00	0	0	-		33	26	11
	62771	EL OBEID	40	11	30	01	0	2	Ci	8.5	27	10	-7
	62760	EL FÂSHER	70	5	30	01	1	3	Ci	-	26	16	-2
	62770	GENEINA	50	3	30	00	0	0	-	-	29	11	-4
S. Sudan	62840	MALAKÂL	360	12	30	03	1	5	Ci	5.0	34	16	5
	62880	WÂU	00	0	30	02	1	7	Ci,Cs	4.8	34	11	-1
	62941	JUBA	290	2	30	02	1	2	Ci,Ac,Cu	4.8	34	12	1

At 1800 on Tuesday 1st

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	220	11	7	02	2	4	Fc,Fc	13.1	13	67	7	0
SÎDI BARÂNI	190	6	35	80	2	8	Cb	14.0	9	88	7	0.2
MATRÛH	270	13	35	02	0	3	Cu	14.0	12	77	8	0
EL DABA	270	12	0.8	01	1	2	Cu	15	15	59	7	0
ALEXANDRIA	180	6	3	00	5	0	-	15.2	14	55	5	dr
FOUAD (Airport)	220	14	16	03	1	3	Sc	14.3	12	88	10	2
DAMIETTA	200	5	0.8?	00	0	0	-	15.5	11	77	7	0
PORT SA'ÎD	230	9	15	02	0	0	-	15.4	13	67	7	0
EL 'ARISH	220	2	7	01	0	0	-	15.9	12	63	5	0
DAMANHUR	270	5	3	01	1	0	-	15.1	11	88	9	0
MANSURA	270	2	3	00	1	0	-	15.0	11	77	7	0
TANTA	220	8	35	03	1	3	Cu	16.8	12	63	5	0
ZAGAZIG	320	5	15	00	0	0	-	15.8	12	77	8	0
ISMAÎLIA	160	2	7	02	1	2	Sc	16.2	11	77	7	0
FAROUK (Airport)	240	7	12	00	1	0	-	16.3	13	59	5	0
ALMAZA												
EZBEKÎYA	00	0	15	00	0	0	—	16.3	12	63	5	0
GÎZA	00	0	15	00	0	0	-	16.6	11	67	5	0
HELWÂN	00	0	15	01	0	2	Ac	16.7	12	63	5	0
FAIYÛM	200	2	35	03	1	3	St	16.2	12	63	5	0
MINYA	260	3	12	00	0	0	-	17.7	11	38	-3	0
ASYÛT MANQABAD												
NAG' HAMMÂDI	270	5	35	00	0	0	-	16.6	9	71	4	0
QENA	270	5	7	00	0	0	-	19.1	11	63	4	0
LUXOR	00	0	12	00	0	0	-	18.0	12	51	2	0
ASWÂN	00	0	50	00	0	0	-	17.6	14	39	0	0
SÎWA	00	0	7	00	0	0	-	18.3	13	55	4	0
BAHARÎYA	220	3	35	02	1	0	-	18.2	11	41	-2	0
FARAFRA	00	0	7	00	0	0	-	18.8	10	62	3	0
DAKHLA	90	3	35	00	0	0	-	17.0	13	44	1	0
KHARGA	00	0	15	00	0	0	-		11	47	0	0
SUEZ	00	0	15	01	0	0	-	15.9	14	55	5	0
TÛR	20	3	7	00	0	0	-	18.6	12	44	0	0
HURGHÂDA	00	0	50	00	0	0	-	17.6	13	67	7	0
QUSEIR	330	9	15	02	0	0	-	17.5	16	49	5	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Wednesday 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.	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	220	16	7	01	0	0	-	13.1		10	17		6		76	6	0		
SÎDI BARÂNI	220	8	35	00	0	1	Cu	14.0		9	16		6		88	7	0.2	222	
MATRÛH	250	12	14	02	0	1	Sc	14.6		8	17		8		76	4	0	175	
EL DABA	270	12	0.8	01	0	0	-	15.9		12	19		7		63	5	0	123	
ALEXANDRIA	180	10	50	01	5	4	St,Ac	16.3	-1.9	11	16	-2	10	0	63	4	1	209	148
FOUAD (Airport)	220	10	12	02	1	4	Sc	15.5		10	17		9		76	6	2	196	110
DAMIETTA	200	5	1.5	03	1	7	Sc	16.8	-0.2	8	17		4		71	3	0	122	71
PORT SA'ÎD	220	16	18	03	1	7	Sc	17.0		11	16		9		63	4	0	35	
EL 'ARISH	180	9	35	02	0	0	-	17.0	-0.7	9	18	-1	4	-3	71	4	0	40	53
DAMANHUR	270	9	3	03	2	7		17.2	-0.4	9	17	-3	7	0	71	4	0	62	63
MANSURA	180	2	15	03	2	6	Sc,Cu	16.6	-0.6	7	19	-1	5	-2	71	2	0	23	30
TANTA	200	13	15	03	1	6	Cu	17.6	-0.2	9	18	-2	5	-1	71	4	0	18	24
ZAGAZIG	220	2	7	01	0	4	Ac	18.0	-0.2	8	19	-1	6	0	71	3	0	10	16
ISMAÎLIA	220	5	7	00	1	4	As	17.6		13	18		8		44	1	0	10	
FAROUK (Airport)	160	16	30	03	0	3	Ac	17.6		10	18		10		67	4	0	2	
ALMAZA	180	11	13	03	0	0	Ac	17.8	-0.3	10			8		49	0		3	
EZBEKÎYA	180	8	15	03	0	1	Cu	18.3	+0.2	9	19	-1	8	0	62	2	0	3	15
GÎZA	180	8	15	03	0	1	Cu	18.3	+0.3	11	20	+1	7	+2	47	0	0	13	16
HELWÂN	140	6	7	00	1	3	Ac	18.6	-0.2	9	17	-2	7	-1	47	-2	0	13	16
FAIYÛM	180	2	35	03	1	4	St	19.1	+0.7	8	20	-1	4	-2	58	0	0	2	5
MINYA	200	5	8	03	0	4	Ci	19.2		6	20		3		49	-4	0	4	
ASYÛT MANQABAD	00	0	18	00	1	6	Ci	19.7		7	20		4		71	2	0	0	
NAG' HAMMÂDI	00	0	35	00	0	0	-	19.4	+1.1	10	20		2		50	0	0	0	
QENA	360	2	15	02	0	4		19.1	+0.9	8	19	-5	3	-4	58	0	0	dr	
LUXOR	00	0	30	03	0	4	Ci	19.8		8	20		1		58	0	0	dr	
ASWÂN	20	3	50	00	0	0	-	20.2	+1.6	10	19	-5	9	-1	62	3	0	dr	
SÎWA	00	0	15	00	0	0	-	17.0	-3.0	10	19	-1	5	+1	62	3	0	0	6
BAHARÎYA	00	0	35	02	1	4	Ac	18.8	-0.3	7	19	-2	2	-3	57	-1	0	dr	6
FARAFRA											19							dr	
DAKHLA	360	2	15	03	1	6	St,Ac,Cs	18.7	-1.0	4	20	-2	1	-4	65	-2	0	dr	
KHARGA	00	0	35	00	0	2	Ci	18.7	-0.2	8	19	-4	2	-4	38	0	0	0	
SUEZ	00	0	35	00	0	0	-	18.0	+0.2	12	19	-1	10	0	63	5	0	12	11
TÛR	20	3	15	00	0	5		17.1	-0.3	11	20	-1	9	0	51	1	0	0	10
HURGHÂDA	230	5		02	2	7	Ci,Cs	19.1		10	18		7		58	2	0	dr	
QUSEIR	290	13	15	00	1	4	Ci	18.8	+2.0	14	19	-4	11	-3	48	3	0	0	4
PORT SÛDÂN	320	9	30	01	1	4	Ac Ci	15.9		19	24		16		64	12	0	34	91
WÂDI HALFA	30	1	30	03	0	0	-	18.9		9	21		5		50	-1	0	7	
ABU HAMAD	70	9	30	02	0	3	Ac	15.4		15	26		12		25	-5	0	-	
KAREIMA	50	4	30	00	0	0	—	16.7		14	25		12		17	-11	0	3	1
'ATBARA	360	5	10	00	0	0	—	15.0		15	28		13		34	-1	0	7	2
KHARTÛM	20	9	30	02	0	2	Ac,Cu	14.6		18	30		14		24	-3	0	10	4
KASSALA	270	1	30	03	0	3	Ac	12.2		19	34		14		64	12	0	2	8
WÂD MEDANI	340	5	50	00	0	2	Ac	13.9		18	33		12		24	-3	0	11	12
RENK																		0	49
ROSEIRES	360	9	35	00	0	0	-			21	35				44	8	0	2	36
EL OBEID	360	4	30	00	0	0	—	15.0		16	29		13		26	-4	0	0	16
EL FÂSHER	20	5	30	00	0	0	-			15	29		10		32	-2	0	0	6
GENEINA																		-	4
MALAKÂL	20	13	30	01	1	2	Ac	11.7		24	35		19		17	-3	0	69	88
WÂU	00	0	30	00	0	0	-	11.8		20	36		19		49	9	0	261	145
JUBA	230	5	10	03	1	3	Ac	11.5		25	36		18		54	15	0	129	146

HUMIDITY % Mean of day

Station	on 1st	Diff. from normal
Alexandria	68	+2
Ezbekiya	64	-1
Giza	61	-9
Helwân	61	+6

GÎZA GRASS MINIMUM TEMP. ON 2nd 1.5 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

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

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

Remarks .....

RAWINSONDE

Farouk AIRPORT — On 2nd At 4

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	136	8	54	180	12
950					
900					
850	1451	-2		250	25
800					
700	2970	-10		260	40
600					
500	5474	-29		260	40
400					
300	10024	-44		210	69

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

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

UPPER WIND OBSERVATIONS on .....

Station	Matrub				Fouad Airp.				Port Said				Minya			
Time	14	15			15				14				15			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	260	21			240	14			250	23			260	8		
600	260	21			260	17			240	24			260	10		
1000	250	26			260	16			240	26			250	10		
1500	250	30			250	16			250	25			250	10		
2000									260	12			250	13		
3000																
4000																
5000																
6000																
7000																
8000																

UPPER WIND OBSERVATIONS on 2nd

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabad		Luxor		Aswân		Hurghada	
Time	5				3	50	4				6	45	6						5		9	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	240	28			240	11	210	17			180	12	170	19					10	2	70	3
600	250	30			230	16	220	13			230	21	210	23					30	25	320	2
1000	250	30			220	14	230	10			230	21	210	23					50	19	140	2
1500	250	23			230	15	250	7			230	24	210	13					330	5	270	9
2000											230	27	210	23					290	17	280	
3000											250	39	260	30								
4000											260	43	260	30								
5000													250	33								
6000																						
7000																						
8000																						

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	5		5		5								5								4	45	4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	260	10	220	10	150	6	100	3																
600	270	10	220	17	150	10	130	7					40	31									20	26
1000	230	16	220	20	160	8	120	5					40	22							20	7	30	25
1500	230	22	250	22	260	6	310	7					20	7							110	5	350	11
2000	280	28	250	24	360	12							270	26							180	13	10	5
3000	250	42	250	35									250	40							260	10	90	3
4000			250	35									260	46							210	12	170	12
5000																					190	15	120	2
6000																							250	5
7000																								
8000																								

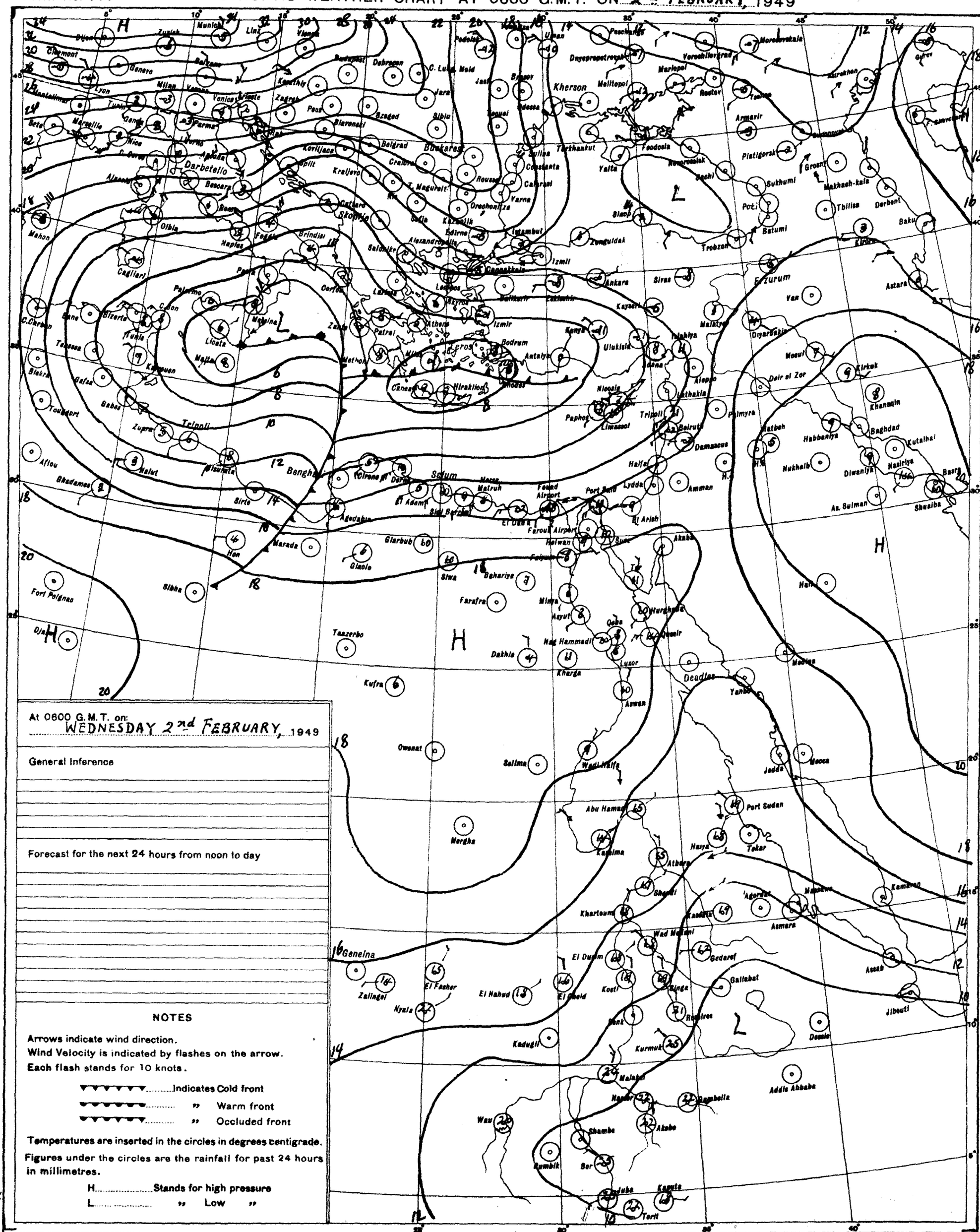
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 2nd FEBRUARY, 1949


Munich
Linz
Vienna
Budapest
Debrecen
Kherson
Odessa
Bucharest
Belgrad
Darbetello
Rome
Naples
Brindisi
Palermo
Cagliari
Mahon
Marseille
Lyon
Milan
Venice
Trieste
Zagreb
Sofia
Istanbul
Izmir
Ankara
Sivas
Erzurum
Van
Tripoli
Benghazi
Sirte
Malta
Crete
Rhodes
Cyprus
Nicosia
Beirut
Damascus
Haifa
Amman
Cairo
Alexandria
Port Said
Suez
Luxor
Aswan
Khartoum
Port Sudan
Asmara
Addis Ababa
Djibouti
Mogadishu
Nairobi
Kampala
Juba
Kufra
Siwa
Farafra
Dakhla
Kharga
Owenat
Merga
Geneina
Zalingei
Kyala
Kadugli
Wau
Rumbik
Bor
Tokar
Jedda
Mecca
Aden
Berbera
Hargeisa
Mogadishu
Kamboni
Asab
Gallabat
Gedaref
Kosti
Kurmuk
Malakal
Nasir
Akobo
Shambe
Kassala
Atbara
Wad Medani
El Obeid
El Fasher
El Nahud
Tanzerbo
Sebha
Marada
Hon
Nalut
Misurata
Benghazi
Tobruk
Derna
Matruh
El Alamein
Fort Polignac
Djanet
Biskra
Tunis
Bizerte
Tripoli
Malta
Corfu
Athens
Salonika
Sofia
Belgrad
Budapest
Vienna
Munich
Zurich
Geneva
Lyon
Marseille
Nice
Rome
Naples
Palermo
Cagliari
Mahon
Madrid
Lisbon
Algiers
Tunis
Tripoli
Cairo
Khartoum
Port Sudan
Asmara
Addis Ababa
Djibouti
Mogadishu
Nairobi
Kampala
Juba
Kapoeta
Torit
Wau
Rumbek
Bor
Malakal
Nasir
Akobo
Shambe
Kassala
Atbara
Wad Medani
El Obeid
El Fasher
El Nahud
Geneina
Zalingei
Kyala
Kadugli
Kurmuk
Gallabat
Gedaref
Kosti
Asab
Berbera
Hargeisa
Mogadishu
Kamboni
Aden
Mecca
Jedda
Tokar
Port Sudan
Abu Hamad
Wadi Halfa
Aswan
Luxor
Kharga
Dakhla
Farafra
Siwa
Owenat
Kufra
Sebha
Marada
Hon
Nalut
Misurata
Benghazi
Tobruk
Derna
Matruh
El Alamein
Port Said
Suez
Haifa
Beirut
Damascus
Amman
Lydda
Nicosia
Limassol
Paphos
Rhodes
Crete
Cairo
Alexandria
Luxor
Aswan
Deadlos
Medina
Yanbo
Mecca
Jedda
Port Sudan
Tokar
Asmara
Massawa
Kamaran
Asab
Djibouti
Berbera
Hargeisa
Mogadishu
Kamboni
Addis Ababa
Dessie
Gondar
Kampala
Juba
Kapoeta
Torit
Wau
Rumbek
Bor
Malakal
Nasir
Akobo
Shambe
Kassala
Atbara
Wad Medani
El Obeid
El Fasher
El Nahud
Geneina
Zalingei
Kyala
Kadugli
Kurmuk
Gallabat
Gedaref
Kosti
Asab
Djibouti

CAIRO

Time of Sunrise 04 45 G. M. T.

" " Sunset 15 33 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: THURSDAY 3rd FEBRUARY, 1949

At 1200 on WEDNESDAY 2nd

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	220	13	7	03	0	1	Ac	11.2	17	34	1
	62305	SIDI BARANI	220	15	35	03	1	2	Cu	12.7	16	49	5
	62306	MATRUH	270	18	14	03	1	4	Sc	14.4	15	63	8
	62309	EL DABA											
		ALEXANDRIA	220	5	50	01	0	3	Cu, Sc	14.8	16	49	5
	62318	FOUAD (Airport)	250	11	18	01	1	2	Cu	14.6	17	52	7
	62330	DAMIETTA	200	5	15	02	1	6	Sc	15.5	17	52	7
	62330	PORT SAID	260	11	30	02	1	2	Sc, Ac	15.9	17	49	6
	62336	EL ARISH	220	13	35	03	0	1	Cu	15.8	16	42	3
Lower Egypt	62339	DAMANHUR	270	19	15	01	1	4	Ac	15.6	18	52	8
	62342	MANSURA	220	5	35	01	1	4	Cu	15.9	19	37	4
	62346	TANTA	220	5	35	01	1	3	Cu	17.0	20	33	3
	62354	ZAGAZIG	220	2	15	00	0	0	—	16.4	18	37	3
	62447	ISMAILIA	220	5	35	01	0	0	—	14.8	20	17	-6
Cairo Area	62366	FAROUK (Airport)	200	16	30	00	0	0	—	16.0	18	37	3
	62372	ALMAZA											
		EZBEKIYA	200	4	35	00	0	0	—	16.0	20	24	-1
		GIZA	200	4	35	00	0	0	—	15.9	20	26	0
	62378	HELWAN	220	11	35	01	0	1	Ac, Cc	16.0	18	28	-1
Upper Egypt	62381	FASHN	200	2	35	03	1	5	St	16.0	20	33	3
	62387	MINYA	200	10	12	00	1	0	—		21	26	1
	62393	ASYUT	00	0	30	00	0	0	—	15.9	21	38	6
	62399	NAG HAMMADI	00	0	35	00	0	0	—	16.3	23		
	62402	QENA	180	2	50	00	0	0	—	17.4	20	33	3
	62405	LUXOR	330	4	30	00	0	0	—	16.3	20	38	5
	62414	ASWAN											
Oases	62417	SIWA	250	9	15	00	0	0	—	16.2	20		
	62420	BAHARIYA	180	3	35	02	1	0	—	15.5	21	26	1
	62423	FARAFRA											
	62432	DAKHLA	140	11	35	00	0	0	—	13.6	21	33	4
	62435	KHARGA	00	0	35	00	0	0	—	17.6	20	30	2
Sudan	62450	SUAKIN	00	0	35	02	0	0	—	15.5	18	46	6
	62450	TOKAR	40	1	35	00	0	0	—	17.0	18		
	62462	KASSALA	50	4		00	1	0	—	17.6	19	52	9
	62465	GEDARIF	90	13	15	01	0	0	—	17.0	20	46	8
	62471	ROSEIRES	30	17	30	01	1	2	Cu	14.2	24	74	19
	62500	WADI HALFA	30	8	30	03	0	0	—	14.2	23	14	-6
	62540	ABU HAMAD	70	5	30	02	0	1	Ac	11.2	27	10	-7
	62550	KAREIMA	70	5	30	00	0	0	—	11.3	27	10	-7
	62580	ATBARA	10	9	50	00	0	0	—	10.7	27	23	4
	62721	KHARTOUM	50	5	18	00	0	0	—	8.7	30	14	0
	62734	KASSALA	50	9	30	00	0	1	Ac	6.2	33	26	11
Red Sea	62731	WADI HALFA	360	5	35	00	0	0	—	7.1	32	21	7
	62401	QENA											
	62550	ROSEIRES											
	62771	EL OBEID	50	5	30	00	0	0	—	7.4	31	16	2
	62750	EL FASHER	50	5	30	00	0	0	—		29	22	5
	62770	GENEINA	250	10	30	00	0	0	—		31	10	-4?
Red Sea	62840	MALAKAL	30	7	30	00	0	3	Ac	5.7	25	30	6
	62860	WAU	00	0	10	00	0	0	—	5.4	35	12	1
	62961	JUBA	90	2	30	03	0	3	Cu	5.6	35	27	13

At 1800 on WEDNESDAY 2nd

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	220	4	7	01	0	0	—	11.4	13	55	4	0
SIDI BARANI	160	6	35	00	0	0	—	12.2	10	88	8	0
MATRUH												
EL DABA												
ALEXANDRIA	130	8	7	00	0	0	—	14.6	13	67	7	0
FOUAD (Airport)	80	4	14	00	0	0	—	15.4	12	88	10	0
DAMIETTA	220	5		00	0	0	—	15.8	11	77	7	0
PORT SAID	00	0	12	02	0	0	—	16.5	13	82	10	0
EL ARISH	00	0	15	01	0	0	—	17.4	12	88	8	0
DAMANHUR			3	10	0	0	—	15.9	13	77	9	0
MANSURA	270	2	3	00	1	0	—	16.6	11	77	7	0
TANTA	220	5	35	02	0	0	—	17.2	12	44	0	0
ZAGAZIG	140	2	15	00	0	0	—	15.8	13	55	4	0
ISMAILIA	360	2	15	02	0	0	—	17.9	13	55	4	0
FAROUK (Airport)	160	12	15	00	0	0	—	16.6	14	59	6	0
ALMAZA												
EZBEKIYA	00	0	15	00	0	0	—	16.2	13	44	1	0
GIZA	00	0	15	00	0	0	—	15.9	13	55	4	0
HELWAN	140	4	35	01	0	1	Ac	16.4	14	36	-1	0
FASHN	00	0	35	01	0	0	—	16.2	12	55	3	0
MINYA	170	3	8	00	0	0	—	16.3	14	36	-1	0
ASYUT												
NAG HAMMADI	00	0	35	00	0	0	—	17.0	10	71	5	0
QENA	270	2	7	00	0	0	—	17.2	18	43	5	0
LUXOR												
ASWAN	00	0	30	00	0	0	—	16.4	19	14	-5	0
SIWA	00	0	7	00	0	0	—	15.5	13	67	7	0
BAHARIYA	180	1	35	02	0	0	—	15.2	15	30	-3	0
FARAFRA	220	3	7	00	0	0	—	15.4	15	39	1	0
DAKHLA	100	5	35	00	0	0	—	14.8	14	45	2	0
KHARGA	00	0	15	00	0	0	—	17.5	15	30	-3	0
SUAKIN	00	0	15	02	0	0	—	16.3	15	68	9	0
TOKAR	160	1	35	00	0	0	—	17.8	12	63	5	0
KASSALA	160	4		00	0	0	—	17.3	15	63	8	0
GEDARIF	90	9	15	02	0	0	—	17.5	17			0
ROSEIRES												
WADI HALFA												
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTOUM												
KASSALA												
WADI HALFA												
QENA												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on THURSDAY 3rd

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Temp. Dry Bulb	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st
SALUM	220	11	7	02	0	0	—	13.5		10	18		6		62	3	0		
SIDI BARANI	190	5	35	00	0	0	—	13.4		8	17		4		88	6	0	222	
MATRUH	240	15	12	00	0	0	—	15.1		8	18		6		58	0	0	175	
EL DABA																		123	
ALEXANDRIA	180	10	50	00	0	0	—	16.4	-1.7	13	16	-3	9	-1	55	4	0	209	149
FOUAD (Airport)	240	4	15	00	0	0	—	15.8		10	18		6		76	6	0	196	111
DAMIETTA	160	5		01	0	1	Sc	16.7	-0.3	12	18		6		63	5	0	113	72
PORT SAID	160	10	12	01	1	3	Ac	16.9		12	18		9		59	4	0	35	52
EL ARISH	140	5	35	00	1	6	Sc, Cu	18.0	+0.4	10					50	0	0	40	54
DAMANHUR	230	9		02	0	0	—	16.4	-1.1	8	19	-1	5	-2	71	3	0	62	64
MANSURA	140	2	35	00	0	0	—	16.6	-0.6	7	20	0	5	-2	71	2	0	32	30
TANTA	220	5	35	02	0	0	—	17.5	-0.2	9	20	0	7	+1	62	2	0	17	24
ZAGAZIG	220	2	15	00	0	0	—	16.8	-1.3	10	20	0	7	+1	62	3	0	10	16
ISMAILIA	160	2	7	00	1	3	As	17.4		13	20		9		55	4	0	10	
FAROUK (Airport)	200	21	12	00	0	0	—	16.9		13	19		10		38	-1	0	2	
ALMAZA	170	16	30	00	0	0	—	16.7		13			9		77	-3	0	3	
EZBEKIYA	00	0	35	00	0	0	—	17.6	-0.5	11	20	0	8	0	41	-2	0	8	15
GIZA	00	0	35	00	0	0	—	17.9	-0.1	14	20	+1	5	-1	39	0	0	13	16
HELWAN	110	4	15	02	0	0	—	18.3	-0.5	11	19	0	9	+1	41	-2	0	13	16
FASHN	180	5	35	02	0	0	—	18.4	0.0	9	21	0	5	-1	47	-2	0	2	5
MINYA	180	4	6	10	0	0	—	18.5		10	21		4		38	-4	0	4	
ASYUT	00	0	30	00	0	0	—	18.4		10	23		6		67	4	0	0	
NAG HAMMADI	00	0	7	00	0	0	—	18.7	+0.4	11	23		3		51	1	0	0	
QENA	90	2	15	00	0	0	—	19.4	+1.3	11	22	-2	3	-4	51	1	0	dr.	
LUXOR	00	0	30	00	0	0	—	18.9		8			2		54	-1	0	dr.	
ASWAN	00	0	50	00	0	0	—	18.4	-0.2	12	25	+1	8	-2	47	1	0	dr.	
SIWA	00	0	15	00	0	0	—	16.2	-3.8	5	21	+1	2	-2	70	0	0	0	6
BAHARIYA	00	0	35	02	0	0	—	17.4	-1.7	9	22	+1	3	-2	47	-2	0	dr.	6
FARAFRA	240	1	35	00	0	0	—	18.3		7	23		2		57	-1	0	dr.	
DAKHLA	00	0	35	00	0	0	—	18.4	-1.2	8	23	0	3	-2	46	-3	0	dr.	
KHARGA	00	0	35	00	0	0	—	19.0	+0.2	11	21	-2	4	-2	41	-2	0	0	
SUAKIN	00	0	35	00	0	1	As	16.7	-1.0	14	21	+1	8	-2	67	8	0	12	11
TOKAR	20	2	15	00	0	0	—	19.9	+1.5	13	19	-2	8	-1	44	1	0	0	10
KASSALA	200	4		00	0	0	—	18.2		13	20		8		72	8	0	dr.	
GEDARIF	270	9	15	02	0	0	—	18.4	+1.7	15	20	-3	12	-2	59	7	0	0	4
ROSEIRES	310	9	30	02	2	7	Sc	16.1		21	25		17		69	15	0	34	91
WADI HALFA	20	3	30	00	0	0	—	17.0		9	25		6		50	-1	0	4	
ABU HAMAD	70	5	30	01	1	2	Ac	14.6		17	28		14		26	-3	0	—	
KAREIMA	50	1	30	00	0	0	—	14.1		15	28		12		25	-5	0	3	1
ATBARA	50	5	10	00	0	0	—	14.3		18	30		13		46	6	0	7	2
KHARTOUM	360	5	30	00	0	0	—	12.8		19	32		15		28	0	0	10	4
KASSALA	340	2	30	00	0	0	—	12.6		19	34		14		64	12	0	2	8
WADI HALFA	50	5	35	00	0	0	—	13.1		19	34		14		40	5	0	11	12
QENA																		0	49
ROSEIRES	340	5	50	00	0	0	—			20	36		19		56	11	0	2	36
EL OBEID	60	6	30	00	0	0	—	13.1		20	33		15		18	-5	0	0	16
EL FASHER	20	5	30	00	0	0	—			15	32		12		21	-7	0	0	6
GENEINA	70	1	30	00	0	0	—			14	33		12		32	-3	0	—	4
MALAKAL																	0	69	88
WAU	00	0	30	00	0	0	—	10.8		21	37		19		47	9	0	261	145
JUBA	180	6	10	03	1	6	Ac	10.8		23	36		18		44	10	0	129	146

UPPER AIR OBSERVATIONS

Aeroplane Ascent

Station	2nd	
Alexandria	61	-5
Ezbekiya	46	-19
Giza	47	-23
Helwan	36	-19

GIZA

CLOUD MINIMUM CLIMB

3rd 1.0

Remarks

PAWIKSONDE

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

Remarks

UPPER WIND OBSERVATIONS on 2nd

Height m	Matruh 14 Dir.	Vel.	Found A.P. 14 30 Dir.	Vel.	P. Said 14 Dir.	Vel.	Minya 15 Dir.	Vel.
300								
600	230	23	240	12	230	16	350	12
1000	240	23	240	16	240	16	360	16
1500	250	19	230	19	230	15	360	16
2000	240	21	220	29	250	22	10	24
3000					250	31	10	20
4000					240	6	10	33
5000					260	19		
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 3rd

Station	Sidi Barani Dir.	Vel.	Matruh 5 Dir.	Vel.	Sidi Barani 3 Dir.	Vel.	Port Said 4 Dir.	Vel.	El Arish Dir.	Vel.	Helwan 6 45 Dir.	Vel.	Minya 3 Dir.	Vel.	Asyut Dir.	Vel.	Luxor Dir.	Vel.	Aswan 5 Dir.	Vel.	Kurgnaka 9 Dir.	Vel.	Farouk A.P. 4 Dir.	Vel.
300			240	19	117	10	180	20			180	10	170	10					20	4	130	13	200	26
600			230	18	118	13	200	20			200	19	190	25					80	9	150	14	210	31
1000			250	17	117	9					220	23	210	25					110	6	130	13	220	33
1500			260	24	150	10					230	26	210	24					90	10	180	15	230	39
2000											240	32	200	21									230	35
3000																							240	53
4000																							250	53
5000																							240	67
6000																							250	99
7000																								
8000																								

Station	Siwa Dir.	Vel.	Bahariya 5 Dir.	Vel.	Dakhla 5 Dir.	Vel.	Kharga 6 15 Dir.	Vel.	Wadi Halfa Dir.	Vel.	Abu Hamad Dir.	Vel.	Kareima Dir.	Vel.	Khartum Dir.	Vel.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fasher Dir.	Vel.	Malakal Dir.	Vel.
300	119	16	350	5	130	9	100	2																
600	200	16	330	5	140	10	100	9																
1000	230	19	240	7	180	4	170	10																
1500	250	26	240	15	180	22	210	10																
2000	260	24	230	27																				
3000	240	34	220	45																				
4000			230	43																				
5000																								
6000																								
7000																								
8000																								

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

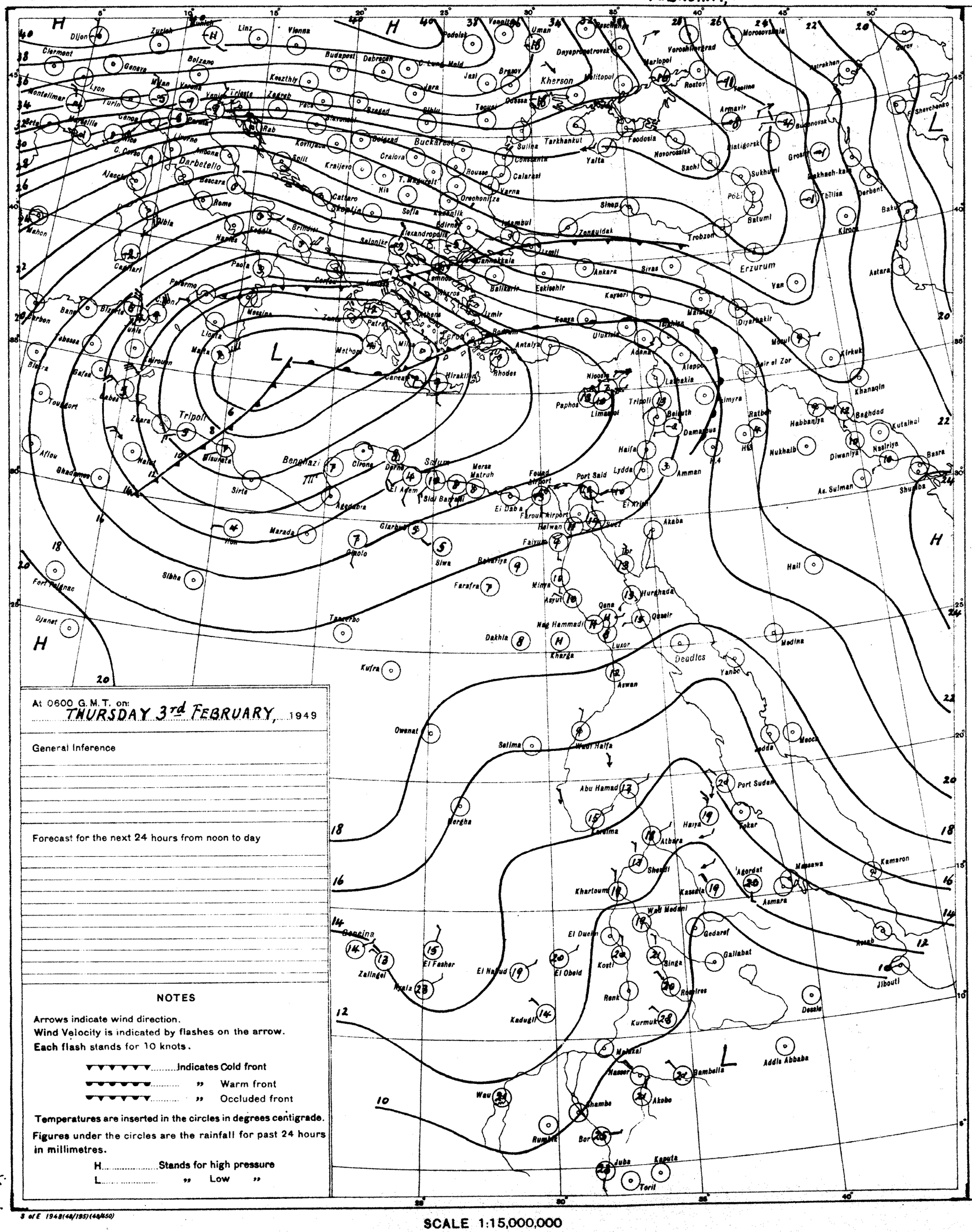
Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

F.G.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 3rd FEBRUARY, 1949



At 0600 G.M.T. on:
THURSDAY 3rd FEBRUARY, 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

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

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

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

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

S of E 1948(48/195)(48/450)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 44 G. M. T.

" " Sunset 16 34 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: FRIDAY 4th FEBRUARY, 1949

At 1200 on THURSDAY 3rd

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	200	10	7	02	0	0	—	13.4	19	46	7
	62308	SIDI BARANI	190	5	35	00	0	0	—	14.8	18	37	3
	62306	MATRUH	230	11	18	00	0	0	—	15.0	18	37	3
	62309	EL DABA	270	6		01	0	0	—	15.2	18	37	3
		ALEXANDRIA	220	6	50	00	0	0	—	16.4	18	46	6
	62318	FOUAD (Airport)	270	11	18	00	0	0	—	16.4	19	37	4
	62330	DAMIETTA	320	5	15	00	0	0	—	16.0	18	52	8
	62333	PORT SAID	280	10	30	02	0	0	—	16.9	19	43	6
	62336	EL ARISH	320	9	35	01	0	1	Ci	17.6	20	24	-1
Lower Egypt	62339	DAMANHUR	310	5	15	02	0	0	—	15.7	21	41	7
	62342	MANSURA	40	5	35	00	0	0	—	17.0	21	41	7
	62348	TANTA	00	0	35	02	0	0	—	17.8	21	33	4
	62354	ZAGAZIG	220	2	15	00	0	0	—	17.2	20	41	6
	62441	ISMAILIA	270	5	15	02	0	0	—	17.0	22		
Cairo Area	62368	FAROUK (Airport)	240	5	30	00	0	0	—	17.2	20	19	-4
	62372	ALMAZA	180	5	30	00	0	0	—	16.8	20	30	2
		HELIOPOLIS	320	3	35	00	0	0	—	17.0	21	26	1
		GIZA	320	3	35	00	0	0	—	17.1	21	25	0
	62374	HELWAN	00	0	35	02	0	0	—	16.4	21	26	1
Upper Egypt	62381	FAYOUM	00	0	35	02	0	0	—	16.2	23	32	5
	62382	MINIA	210	8	18	00	0	0	—	16.5	24	21	0
	62383	ASYUT	40	5	30	00	0	0	—	15.2	23	44	10
	62386	KOM OMBO											
	62402	QENA	90	2	35	00	0	0	—	15.2	27	27	6
	62405	LUXOR	130	2	50	00	0	0	—	15.4	25	28	5
	62406	ESNA	00	0	30	00	0	0	—	15.3	25	28	5
	62408	ASWAN	340	6	50	00	0	0	—	14.3	27	19	1
Oases	62412	SIWA	250	10	15	00	0	0	—	16.7	21	74	16
	62420	BAHARIYA	360	4	35	02	0	0	—	16.3	21	26	1
	62425	TARFAWI											
	62432	DAKHLA	140	16	7	07	0	0	—		25	30	6
	62436	KHARGA	00	0	35	00	0	0	—	16.6	25	22	2
Red Sea	62440	QUSEIR	180	6	35	01	0	0	—	15.9	19	64	12
	62442	TOR											
	62462	HURGHADA	70	6		00	0	0	—	17.2	22	65	15
	62465	QUSEIR	20	9	15	02	0	0	—	17.2	21	65	14
	62464	PORT SUDAN	40	18	30	01	2	6	Cu, Ac	14.3	25	74	20
	62466	WADI HALFA	20	3	30	03	0	1	Ac	12.8	29	11	-5
	62480	KABI SAKIEH	70	5	30	00	0	0	—	10.8	30	17	2
	62500	KARIMA	70	2	30	00	0	0	—	11.1	29	15	0
	62506	ATBARA	300	5	8	00	0	0	—	10.0	31	22	7
	62512	KHARTOUM	50	4	30	02	0	0	—	7.9	34	12	1
	62520	KASSALA	50	9	30	00	0	0	—	4.6	37	17	8
	62526	WAD MEDANI	50	5	35	00	0	0	—	5.5	36	15	6
	62532	RENK											
	62534	FORSHIDI											
	62537	EL FASHER	60	4	30	03	0	0	—	6.6	33	14	2
	62540	EL FAOUIA	160	2	30	00	0	0	—		31	19	5
	62542	GENEINA	230	5	30	00	0	0	—		33	11	-1
	62560	MALAKAL	40	9	30	02	0	1	Cs	4.9	37	12	3
	62580	WAU	00	0	30	02	1	5	Cu, Cs				4
	62582	JUBA	70	5	30	02	0	2	Cu, Ac	4.7	34	23	10

At 1800 on THURSDAY 3rd

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	180	4	7	02	0	0	—	12.7	14	72	9	0
SIDI BARANI	200	4	35	00	0	0	—	14.3	10	76	6	0
MATRUH												
EL DABA												
ALEXANDRIA	270	9		01	0	0	—		17	34	1	0
FOUAD (Airport)	90	5	7	00	0	0	—	17.0	13	55	4	0
DAMIETTA	50	6	12	00	0	0	—	16.9	10	88	8	0
PORT SAID	320	6		00	0	0	—	17.8	13	88	11	0
EL ARISH	40	5	15	02	0	0	—	17.9	14	88	12	0
DAMANHUR	00	0	15	01	0	0	—	18.0	14	77	10	0
MANSURA	310	5	3	02	0	0	—	17.2	12	63	5	0
TANTA	20	2	3	00	0	0	—	18.0	13	47	7	0
ZAGAZIG	220	5	35	02	0	0	—	18.6	13	55	4	0
ISMAILIA	40	2	15	00	0	0	—	17.8	13	67	7	0
FAROUK (Airport)	20	2	15	02	0	0	—	17.6	15	48	4	0
ALMAZA	70	10	18	00	0	0	—	17.5	15	59	7	0
HELIOPOLIS												
GIZA	00	0	15	00	0	0	—	17.4	14	55	5	0
HELWAN	00	0	15	00	0	0	—	17.5	15	48	4	0
FAYOUM	20	13	15	02	0	0	—	16.7	16	42	3	0
MINIA	00	0	35	02	0	0	—	16.3	13	67	7	0
ASYUT	00	0	12	00	0	0	—	15.3	14	45	2	0
KOM OMBO												
QENA	00	0	35	00	0	0	—	15.6	16	42	3	0
LUXOR	270	2	7	00	0	0	—	15.6	15	39	7	0
ESNA	00	0	12	00	0	0	—	15.8	15	39	1	0
ASWAN	00	0	50	00	0	0	—	14.4	23	18	-3	0
SIWA	00	0	7	00	0	0	—	15.5	10	67	4	0
BAHARIYA	00	0	35	02	0	0	—	16.7	13	44	1	0
TARFAWI												
DAKHLA	180	3	15	00	0	0	—	15.3	17	34	1	0
KHARGA	00	0	15	00	0	0	—	16.6	17			0
QUSEIR	00	0	7	02	0	0	—	17.2	14	55	5	0
TOR												
HURGHADA	130	4		00	0	0	—	17.3	17	26	-2	0
QUSEIR	110	9	15	02	0	0	—	17.1	19	73	14	0
PORT SUDAN												
WADI HALFA												
KABI SAKIEH												
KARIMA												
ATBARA												
KHARTOUM												
KASSALA												
WAD MEDANI												
RENK												
FORSHIDI												
EL FASHER												
EL FAOUIA												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on FRIDAY 4th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Bar. Pressure Diff. from normal mbs	Temperature Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs	Rainfall Total from Oct 1st	Rainfall Normal from Oct 1st
SALUM	220	15	1.5	06	3	0	—	12.7		7	19		5				0		
SIDI BARANI	190	4	30	00	0	0	—	13.5		6	19		5		87	4	0	222	
MATRUH	250	13	13	03	1	4	Sc	14.4		8			8		54	-1	0	175	
EL DABA	180	6		01	0	0	—	14.8		12	19		5		77	8	0	123	
ALEXANDRIA	120	9	7	04	0	0	—	15.0	-3.1	13	20	+1	10	0	77	9	0	209	151
FOUAD (Airport)	80	7	18	00	0	0	—	14.7		10	19		8		95	10	0	196	113
DAMIETTA	160	9		12	0	1	Cu	14.7	-2.2	14	19		9		88	14	0	122	73
PORT SAID	110	10	8	00	5	4	Ac	15.4		15	21		11		82	12	dr.	35	52
EL ARISH	180	5	35	02	0	0	—	16.7	-0.9	9	20	+1	6	-1	71	4	0	40	55
DAMANHUR	270	9	3	02	0	0	—			9	22	+2	6	-2	82	6	0	62	64
MANSURA	40	2	35	00	0	0	—	15.1	-2.0	9	22	+2	8	+1	95	9	0	23	31
TANTA	130	8	35	02	0	0	—	15.9	-1.7	11	22	+2	5	-1	77	7	0	17	25
ZAGAZIG	40	2	15	00	0	0	—	15.2	-2.8	9	22	+2	7	+1	88	7	0	10	16
ISMAILIA	160	2	15	02	0	0	—	14.8		15	23		9		48	4	0	10	
FAROUK (Airport)	190	3	6	00	0	0	—	14.8		11	22		9		63	4	0	2	
ALMAZA	190	5	5	05	0	0	—	14.7		10			7		58	2	0	3	
HELIOPOLIS	00	0	35	00	0	0	—	14.8	-3.2	8	23	+3	7	-1	71	3	0	8	15
GIZA	00	0	35	00	0	0	—	14.7	-3.2	10	24	+4	4	-2	53	1	0	13	16
HELWAN	00	0	3	05	0	0	—	15.1	-3.6	9	22	+3	9	+1	71	4	0	13	16
FAYOUM	00	0	35	02	0	0	—	15.0	-3.3	11	24	+3	5	-1	51	1	0	2	5
MINIA	210	5	10	10	0	0	—	15.6		9	24		4		40	-4	0	4	
ASYUT	00	0	30	00	0	0	—	15.4		11	24		6		63	4	0	0	
KOM OMBO	00	0	35	00	0	0	—	16.2	-2.0	15	28		5		39	1	0	0	
QENA	90	2	15	00	0	0	—	16.8	-1.2	13	25	+1	4	-3	44	1	0	0	
LUXOR	00	0	30	00	0	0	—	16.3		9	26		5		40	-4	0	dr.	
ESNA	00	0	50	00	0	0	—	16.3	-2.2	14	28	+4	10	0	45	2	0	dr.	
ASWAN	00	0	15	00	0	0	—	16.8	-3.1	8	21	+1	2	-2	58	0	0	0	6
SIWA	00	0	35	02	0	0	—	16.3	-2.7	8	23	+2	4	-2	46	-3	0	dr.	6
BAHARIYA																			
TARFAWI																		dr.	
DAKHLA	00	0	35	00	0	0	—	15.8	-3.7	8	27	+4	3	-2	46	-3	0	dr.	
KHARGA	00	0	35	00	0	0	—	16.7	-2.1	13	26	+3	6	0	34	-3	0	0	
QUSEIR	180	8	15	00	0	0	—	14.8	-2.9	15	22	+2	8	-2	59	7	0	0	11
TOR																		0	10
HURGHADA	270	7		00	0	0	—	16.0		15	22		10		55	6	0	dr	
QUSEIR	270	13	15	02	0	0	—	15.9	-0.8	17	22	-1	13	-1	42	4	0	0	4
PORT SUDAN	290	6	30	01	1	2	Ac	15.0		21	26		16		74	16	0	34	91
WADI HALFA																	0	dr.	
KABI SAKIEH	70	5	30	03	1	7	Ac	13.2		17	31		15		34	1	0	—	
KARIMA	50	1	30	00	0	0	—	13.3		16	31		15		34	0	0	3	1
ATBARA	20	2	10	00	0	0	—	12.6		19	32		14		52	9	0	7	2
KHARTOUM	20	6	30	03	1	1	Cu	10.8		21	33		18		31	3	0	10	4
KASSALA	20	5	30	00	0	0	—	8.6		24	38		20		61	16	0	2	8
WAD MEDANI	50	9	50	00	0	0	—	10.6		21	37		17		44	8	0	11	12
RENK																		0	49
FORSHIDI	340	5	35	00	0	0	—			23	40		20		61	15	0	2	36
EL FASHER	10	4	30	00	0	0	—	11.3		20	35		16		24	-1	0	0	16
EL FAOUIA	330	5	30	00	0	0	—			15	34		12		36	0	0	0	6
GENEINA	170	1	30	01	0	3	Cu			16	34		13		20	-7	0	—	4
MALAKAL	20	9	30	00	0	0	—	9.1		25	38		21		28	5	0	69	88
WAU	00	0	30	02	1	5	Ac	9.5		24	39		20		47	12	0	261	145
JUBA																	0	129	147

UPPER AIR OBSERVATIONS

Station: Farouk A.P. Time: 4th

Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
Metres						
1000	112	11	41	250	4	
950						
900						
850	1486	10	26	230	27	
800						
700	3063	-2		230	42	
600						
500	5647	-17		240	04	
400		-26				
300	9315	-37				

3rd

	59	-6
	44	-20
	39	-31
	35	-19

4th -3.0

Remarks

UPPER WIND OBSERVATIONS on 3rd

Station	Matruh		Fouad A.P.		P. Said		Minya	
Time	14	15	15		14		15	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	220	17	50	13	320	9	114	3
600	230	18	60	14	290	6	190	4
1000	210	17	60	16	260	12	220	5
1500	210	16	80	22	280	23	200	21
2000			80	24			220	19
3000			70	21				
4000								
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 4th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Kosseir		Wadi Halfa		Tanta		Wadi Manqasa		Luxor		Aswan		Hurghada		Almaza	
Time	5		5		3 30		4																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.	Dir.	Vel.
300	250	24	170	27	120	25	80	18															110	10	190	15
600			190	24	100	22	90	13															130	9	200	28
1000					160	16	150	20															170	16	200	21
1500					220	12	200	22															230	8	210	21
2000					210	29	240	9																	220	19
3000					230	33	290	4																		
4000																										
5000																										
6000																										
7000																										
8000																										

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	5		5		5		3 30														4 45		4 15	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	290	26	230	15	270	12	170	7															30	7
600	280	29	240	22	260	14	170	7															40	35
1000	260	26	250	30	240	16	180	15													20	9	30	31
1500	250	37	250	26	290	46	240	17													100	8	40	8
2000			220	30			270	12															60	10
3000			230	45																			30	17
4000																							110	5
5000																							130	10
6000																							150	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.

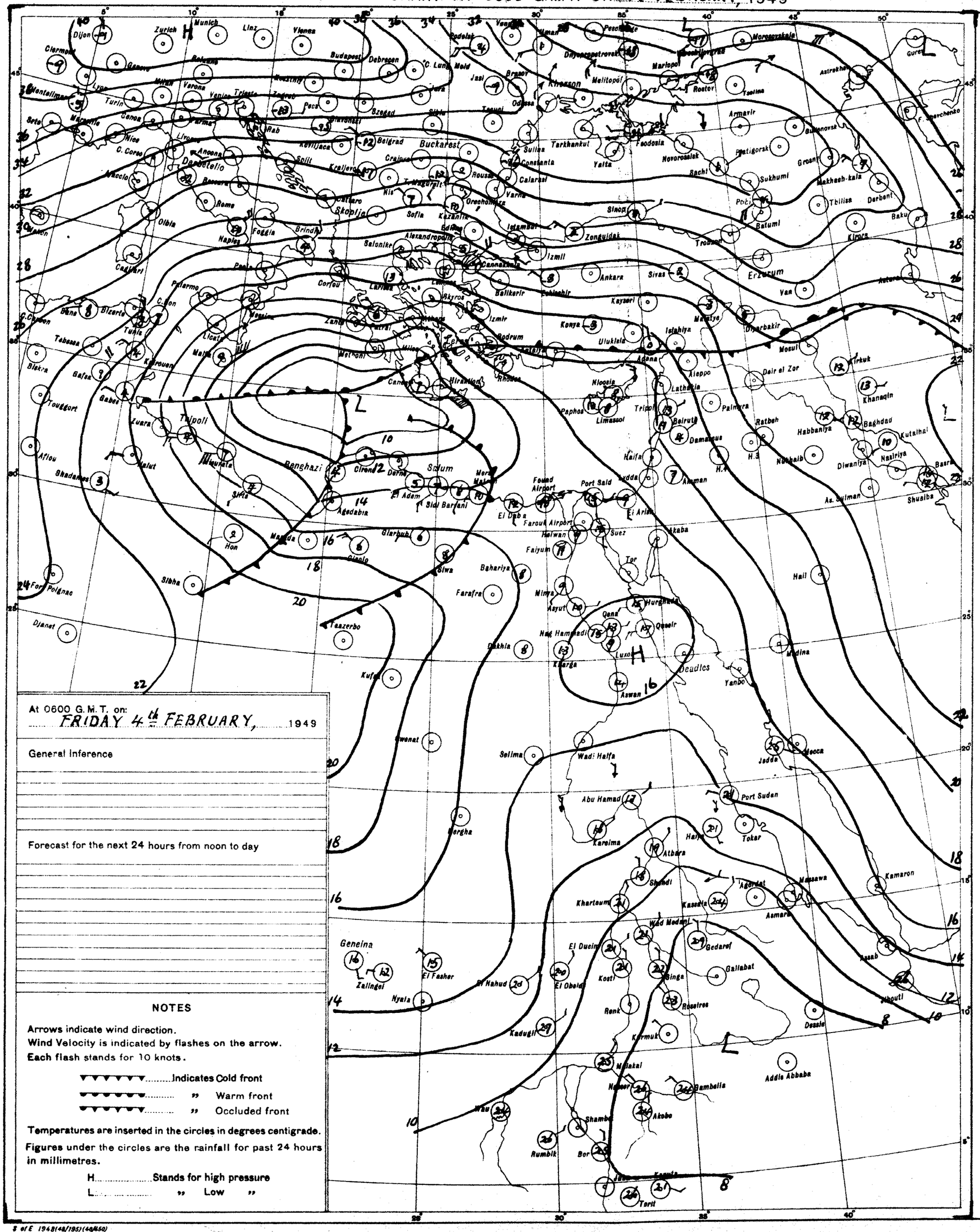
Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

F.G.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 4th FEBRUARY, 1949


Dijon
Zurich
Munich
Linz
Vienna
Budapest
Debrecen
Clermont
Geneva
Milan
Verona
Venice
Trieste
Zagreb
Pecs
Szeged
Turin
Genoa
Marseille
Nice
Livorno
Ancona
Rome
Naples
Foggia
Brindisi
Palermo
Cagliari
Olbia
Corfou
Belgrad
Kevitjaca
Split
Kraljevo
Skoplje
Sofia
Kazanlik
Buckarest
Craiova
Constanta
Calarasi
Varna
Odessa
Jassy
Kherson
Melitopol
Mariopol
Rostov
Taganrog
Tsalina
Armavir
Feodosia
Yalta
Novorossiisk
Sochi
Sukhumi
Batumi
Tbilisi
Derbent
Baku
Kirova
Erzerum
Van
Trebizond
Sinop
Zonguldak
Istanbul
Izmit
Ankara
Sivas
Kayseri
Konya
Balikesir
Eskisehir
Izmir
Bodrum
Rhodes
Adana
Aleppo
Latakia
Nicosia
Paphos
Limassol
Tripoli
Beirut
Damascus
Haifa
Lydda
Amman
Palmyra
Deir el Zor
Mosul
Diyarbakir
Mardin
Tunis
Bizerte
Tebessa
Biskra
Gafsa
Kairouan
Gabes
Tripoli
Zuara
Nalut
Benghazi
Cirene
Derna
Sidi Barrani
El Adem
Agedabia
Sirte
Sidi Barani
Marsa Matruh
Alexandria
Port Said
Ismailia
Suez
Tor
Akaba
Faiyum
Helwan
Farouk Airport
Fouad Airport
El Daba
Siwa
Baharia
Farafra
Kufra
Sebha
Hon
Murzuk
Ghat
Ghadames
Djanet
Tanezerbo
Fort Polignac
Aswan
Luxor
Qena
Qoseir
Hurghada
Asyut
Minya
Nag Hammadi
Dakhla
Kharga
Deadlos
Medina
Yanbo
Jedda
Mecca
Port Sudan
Tokar
Wadi Halfa
Abu Hamad
Kareima
Atbara
Shendi
Khartoum
Kassala
Gedaref
Gallabat
Asmara
Massawa
Kamaron
Addis Abbaba
Dessie
Jibouti
Kosti
Renk
Kadugli
Kermuk
Malakal
Nasser
Bambalia
Akobo
Shambe
Rumbik
Bor
Wau
Geneina
Zalingei
El Fasher
Nyala
El Nahud
El Obeid
El Ducim
Binga
Roseires
Torit
Kasala
Nasiriya
Diwaniya
Habbaniya
Baghdad
Kutaihai
Basra
Shuaiba
Khanaqin
Kirkuk
Ratbah
H.3
H.4
Nukhaib
As. Sulman
Hail
Gurev
Astrakhan
Moscow
Kursk
Kiev
Odessa
Sukhumi
Groznyi
Makhach-kala
Tbilisi
Derbent
Baku
Batumi
Poti
Sinop
Trebizond
Erzerum
Van
Mosul
Diyarbakir
Mardin
Aleppo
Deir el Zor
Palmyra
Ratbah
Nukhaib
Diwaniya
Nasiriya
Basra
Shuaiba
Khanaqin
Kirkuk
Baghdad
Kutaihai
Hail
Medina
Jedda
Mecca
Port Sudan
Tokar
Massawa
Asmara
Kamaron
Addis Abbaba
Dessie
Jibouti
Gallabat
Gedaref
Kassala

CAIRO

Time of Sunrise 04 43 G. M. T.

" " Sunset 15 35 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date : Saturday 5th February , 1949

At 1200 on Friday 4th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	220	20	7	07	3	0	–	11.1	14	72	9
	62303	SÎDI BARÂNI	190	6	15	06	0	0	–	13.0	12	77	8
	62306	MATRÛH	270	18	14	00	0	0	–	12.4	14	52	4
	62309	EL DABÂ	270	12		01	0	0	–	11.5	15	77	11
		ALEXANDRIA	210	10	50	00	1	3	Cu, Sc	12.0	17	52	7
	62318	FOUAD (Airport)	220	12	15	00	0	0	–	11.7	18	46	6
	62330	DAMIETTA	200	5	15	00	0	0	–		22	31	4
	62333	PORT SA'ÎD	220	6	30	02	0	0	–	11.6	22	31	4
	62336	EL 'ARISH	200	9	35	02	0	0	–	11.9	22	20	2
Lower Egypt	62339	DAMANHUR	260	19	15	02	0	0	–	12.7	21	50	10
	62342	MANSURA	220	5	35	00	0	0	–	12.0	22	36	6
	62348	TANTA	90	12	35	02	0	0	–	13.4	20	41	6
	62354	ZAGAZIG	220	2	15	00	0	0	–	12.4	23	32	5
	62441	ISMAÎLIA	110	9	7	02	0	0	–	13.6	22	33	5
Cairo Area	62366	FAROUK (Airport)	250	20	18	00	0	0	–	12.2	23	24	1
	62372	ALMÂZA	200	13	30	00	0	0	–	11.8	23	18	0
		EZBEKÎYA	200	6	35	00	0	0	–	12.2	24	21	0
		GÎZA	200	6	35	00	0	0	–	12.7	24	21	0
	62378	HELWÂN	200	8	35	02	0	0	–	12.4	21	20	-3
Upper Egypt	62381	FAIYÛM	200	5	35	02	0	0	–	12.8	23	32	5
	62387	MINYA	320	12	18	00	0	1	Cu	13.8	24	28	4
	62393	ASYÛT MANQABAT	290	9	30	00	0	0	–	12.5	26	30	7
	62399	NAG' HAMMADI	00	0	35	00	0	0	–	13.0	29	23	6
	62402	QENA	130	2	50	00	0	0	–	13.5	25	28	5
	62405	LUXOR	320	4	30	00	0	0	–	12.9	26	21	2
	62414	ASWÂN	00	0	50	00	0	0	–	12.4	29	17	1
Oases	62417	SÎWA	270	10	15	00	0	0	–	17.4	15	68	9
	62420	BAHARÎYA	270	4	35	02	0	0	–	15.0	20	17	-6
	62423	FARAFRA											
	62432	DAKHLA	320	11	50	00	0		–	14.3	22	21	-1
	62435	KHARGA	00	0	35	00	0	0	–	14.3	24	14	-1
Red Sea	62450	SUEZ	220	4	35	02	0	0	–	11.1	19	60	11
	62459	TÛR	160	2	35	00	0	0		13.8	22	65	15
	62462	HURGHADA	70	7		00	0	0	–	13.4	23	65	16
	62465	QUSEIR	40	9	15	02	0	0	–	14.7	22	65	15
	62641	PORT SÛDÂN	260	11	30	01	0	1	Cu, Ac	11.6	26	70	20
North Sûdân	62600	WÂDI HALFA											
	62640	ABU HAMAD	70	8	30	01	1	4	Ac	9.1	31	16	2
	62660	KAREIMA	50	4	30	00	0	0	–	9.1	32	14	1
	62680	'ATBARA	340	2	10	00	0	0	–	7.5	33	20	7
	62721	KHARTÛM	20	4	30	02	0	0	–	5.6	35	19	8
	62730	KASSALA											
Central Sûdân	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES	310	5	35	00	0	0	–		38	19	11
	62771	EL OBEID	70	7	30	00	0	0	–	5.4	35	12	2
	62760	EL FÂSHER	130	2	30	00	0	0	–		34	16	5
	62770	GENEINA											
S. Sûdân	62840	MALAKÂL	20	13	30	00	0	0	–	3.6	39	9	1
	62880	WÂU											
	62941	JUBA	50	9	10	04	0	1	Cu	2.8	37	20	11

At 1800 on Friday 4th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALÛM	220	15	7	03	3	0	Ac	11.1	12	63	5	0
SÎDI BARÂNI	200	15	15	03	1	4	Ac	11.8	10	76	6	0
MATRÛH	230	3	12	00	0	0	–	13.0	9	62	2	0
EL DABÂ												
ALEXANDRIA												
FOUAD (Airport)	260	10	8	00	0	0	–	13.0	14	34	-2	
DAMIETTA	220	9		00	0	0	–	12.7	15	68	9	0
PORT SA'ÎD	210	2	14	02	0	0	–	13.2	16	59	8	0
EL 'ARISH	00	0	15	02	0	0	–	12.3	14	77	10	0
DAMANHUR	270	9	7	02	0	0	–	13.0	11	77	7	0
MANSURA	320	2	3	00	0	0	–	14.0	11	63	4	0
TANTA	40	2	35	02	0	0	–	14.6	12	44	0	0
ZAGAZIG	220	2	15	00	0	0	–	14.3	12	55	3	0
ISMAÎLIA	290	2	15	02	0	0	–	15.0	16	42	3	
FAROUK (Airport)	250	7	12	00	0	0	–	15.9	14	45	2	0
ALMÂZA												
EZBEKÎYA	250	10	15	00	0	0	–	14.6	15	30	-3	0
GÎZA	250	10	15	00	0	0	–	15.2	12	36	-3	0
HELWÂN	290	9	35	02	0	0	–	14.4	14	18	-10	0
FAIYÛM	200	2	35	02	0	0	–	15.1	13	34	-3	0
MINYA	300	5	12	00	0	0	–	—	11	35	-4	0
ASYÛT MANQABAT												
NAG' HAMMADI	00	0	35	00	0	0	–	14.7	16	52	6	0
QENA	270	2	7	00	0	0	–	13.4	17	52	7	0
LUXOR	270	1	12	00	0	0	–	13.6	18	34	2	0
ASWÂN	00	0	50	00	0	0	–	13.3	22	33	5	0
SÎWA	00	0	7	00	0	0	–	18.0	10	62	3	0
BAHARÎYA	270	3	35	02	0	0	–	16.8	11	30	-6	0
FARAFRA												
DAKHLA	320	8	35	00	0	0	–	16.6	12	38	-2	0
KHARGA	00	0	15	00	0	0	–	17.2	17	26	-3	0
SUEZ	270	6	7	02	0	0	–	13.0				0
TÛR	130	3	15	00	0	0	–	13.9	19	83	16	0
HURGHADA	140	6		00	0	0	–	13.7	16	88	14	0
QUSEIR												
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Saturday 5th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	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	220	11	7	03	6	5	Sc, Ac	13.1		9	16		5		88	7	1		
SÎDI BARÂNI											13								
MATRÛH	270	23	12	02	1	4	Sc	9.9		7	15		6		81	4	0	166	
EL DABÂ	200	19		01	1	3	Cu	10.7		8	19		5		71	3	0	123	
ALEXANDRIA	220	22	50	02	0	0	–	11.8	-6.2	8			7	-3	58	0		2	151
FOUAD (Airport)	220	15	13	02	0	0	–	11.4		8	19		7		66	2	0	196	114
DAMIETTA	220	13		00	0	0	–	12.4	-4.5	6	22		2		87	4	0	122	73
PORT SA'ÎD	230	23	5	05	0	0	–	12.6		10	22		8		47	-1	0	35	
EL 'ARISH	220	5	35	02	0	0	–	14.0	-3.6	11	22	+3	6	-2	41	-2	0	40	56
DAMANHUR	230	24	3	02	0	0	–	13.1	-4.3	7	22	+2	5	-3	71	2	0	62	65
MANSURA	220	5	35	00	0	0	–	12.8	-4.2	6	23	+3	3	-4	76	2	0	23	31
TANTA	220	16	35	02	0	0	–	14.3	-3.3	7	23	+2	3	-3	57	-1	0	18	25
ZAGAZIG	220	5	7	00	0	0	–	14.2	-3.8	6	24	+4	5	-1	76	2	0	10	16
ISMAÎLIA	250	9	7	02	0	0	–	14.2		10	25		7		44	-2	0	10	
FAROUK (Airport)	200	23	6	05	0			15.8		8	23		5		46	-3	0	2	
ALMÂZA																	0	3	
EZBEKÎYA	180	6	15	00	0	0	–	15.1	-2.9	6	25	+5	5	-3	42	-6	0	8	15
GÎZA	180	6	15	00	0	0	–	15.1	-2.7	8	25	+5	5	-1	34	-7	0	13	16
HELWÂN	140	10	3	05	0	0	–	15.6	-3.1	5	23	+4	4	-4	53	-4	0	13	16
FAIYÛM	180	5	35	02	0	0	–	16.0	-2.2	7	25	+4	4	-3	57	-1	0	2	5
MINYA	200	6	8	10	0	0	–	17.3		6	25		1				0	4	
ASYÛT MANQABAT	00	0	30	00	0	0	–	17.6		9			4		47	-2	0	–	
NAG' HAMMADI	00	0	35	00	0	0	–	17.6	-0.3	10	30		4		38	-4	0	0	
QENA	240	13	15	00	0	0	–	17.6	-0.3	10	26	+2	6	-1	38	-4	0	dr	
LUXOR	00	0	30	00	0	0	–	17.4		11	29		7		35	-4	0	dr	
ASWÂN	360	9	50	00	0	0	–	16.7	-1.6	13	30	+6	10	-1	34	-3	0	dr	
SÎWA	270	10	15	00	0	0	–	17.2	-2.6	6	16	-5	4	0	87	4	0	0	6
BAHARÎYA	270	5	35	02	0	0	–	17.6	-1.2	6	21	0	3	-3	42	-6	0	dr	6
FARAFRA						0										-10	0	dr	
DAKHLA	320	5	35	00	0	0	–	18.8	-0.6	4	23	0	2	-3	35	-10	0	dr	
KHARGA	00	0	35	00	0	0	–	19.5	+0.8	9	25	+2	4	-2	34	-6	0	0	
SUEZ	00	0	15	00	0	0	–	14.6	-3.0	12	23	+3	6	-4	33	-4	0	12	11
TÛR	20	5	3	00	0	0	–	16.9	-0.4	13	23	+2	7	-2	34	-3	0	0	12
HURGHADA	310	19	10	05	0	0	–	13.3		16	24		12		45	4	0	dr	
QUSEIR	330	9	15	02	0	0	–	13.0	-2.8	17			12	-2	26	-3	0	0	4
PORT SÛDÂN	300	2	30	02	2	7	Cu, As	12.0		22	27		19		83	19	0	34	91
WÂDI HALFA	360	8	12	00	0	0	–	16.8		11	29		9		33	-5	0	6	
ABU HAMAD	50	13	30	00	0	0	–	11.9		18	32		16		24	-3	0	-	
KAREIMA	20	3	30	00	0	0		12.8		17	33		14		22	-5	0	3	1
'ATBARA																		7	2
KHARTÛM	20	5	30	00	0	0	–	9.1		21	37		17		21	-2	0	10	4
KASSALA	50	4	30	00	0	0	–	8.6		22	39		17		24	17	0	2	8
WÂD MEDANI	50	9	50	00	0	0	–	9.5		21	39		17		23	-1	0	11	12
RENK	360	5	50	00	0	0	–			24	33		16		47	12	0	0	49
ROSEIRES	360	5	35	00	0	0	–			25	38		21		42	11	0	2	36
EL OBEID	350	9	20	03	0	3	Cu	10.4		20	36		18		21	-3	0	0	16
EL FÂSHER	20	5	30	01	0	3	Cu	–		16	36		14		36	1	0	0	6
GENEINA	50	9	30	01	0	5	Cu	–		19	35		19		12	-11	0	–	4
MALAKÂL	30	10	30	01	1	4	Cu	7.6		21	40		19		33	4	0	69	88
WÂU	00	0	30	00	1	1	Ac	7.5		23	39		21		47	11	0	261	145
JUBA	00	0	12	04	1	6	Ac	6.4		25	39		19		47	13	0	129	147

HUMIDITY

Mean of day

STATION	on 4th	Diff. from normal
Alexandria	53	-12
Ezbekiya	44	-20
Giza	44	-25
Helwân	41	-13

GÎZA

GRASS MINIMUM TEMP.

ON 5th 0.0 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

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

Remarks

RAWINSONDE

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

UPPER WIND OBSERVATIONS on 4th

Station	Port Said				Matruh				Fouad A.P.				Minia			
Time	14				14	15			14	15			15			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	260	27			250	19			250	13			20	20		
600	250	23			260	9			250	23			20	16		
1000	260	27							240	20			20	16		
1500									230	35			350	20		
2000									230	35			350	24		
3000																
4000																
5000																
6000																
7000																
8000																

UPPER WIND OBSERVATIONS on 5th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabad		Luxor		Aswân		Hurghada		
Time	5				3		4				6	45	3								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	290	23			250	35	250	42			210	17	10	12									
600	300	25			250	27	260	8			250	24	10	15							300	22	
1000					250	31	280	12			250	26	10	15							290	23	
1500					260	31	10	9			250	38	10	5									
2000																							
3000																							
4000																							
5000																							
6000																							
7000																							
8000																							

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	5		5		5				5				5						4	15	4	45	4	30
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	280	33	280	28	310	18	350	7	260	17														
600	290	36	290	36	300	25	330	16	360	16			30	19									230	9
1000	280	33	280	36	300	26	320	18	360	21			60	17					30	31	360	10	250	9
1500			270	41	290	25	260	21	60	2			290	7					20	33	30	12		
2000			280	31					260	19			260	14					90	5			90	1
3000													260	15					10	2			80	5
4000													240	15										
5000																								
6000																								
7000																								
8000																								

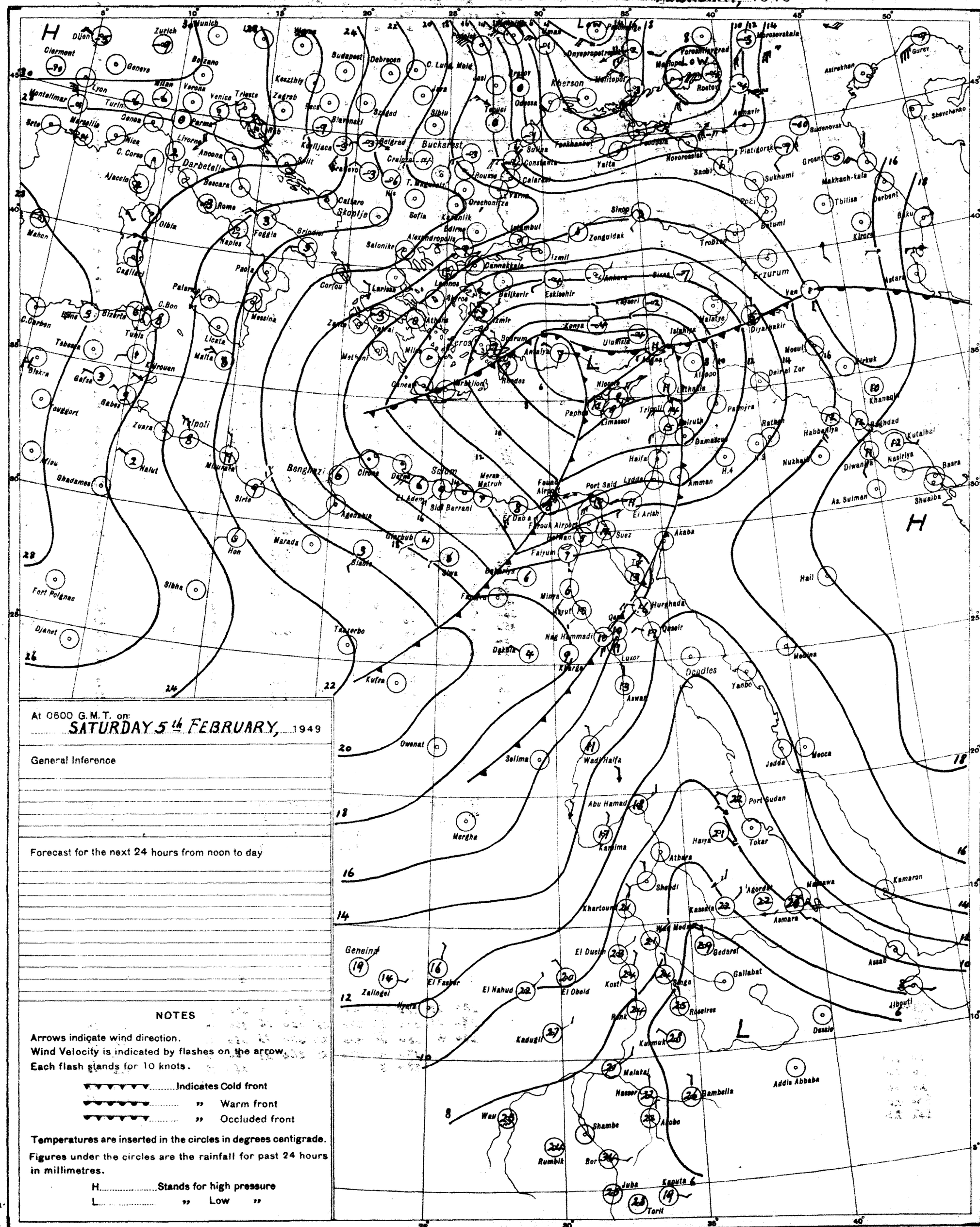
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 5th FEBRUARY, 1949



At 0600 G.M.T. on:
SATURDAY 5th FEBRUARY, 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

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

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

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

H Stands for high pressure
L " Low "

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

AH.
F.G.

S of E 1948(48/185)(48/450)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 43 G. M. T.

" " Sunset 15 36 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: SUNDAY 6 TH FEBRUARY, 1949

At 1200 on SATURDAY 5 th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	270	15	7	20	5	3	Cu.Sc	14.2	13	67	7
	62308	SIDI BARANI	290	22	50	50	6	7	Sc.Ac	13.1	12	77	8
	62306	MATRUH	290	17	10	25	6	8	Cb	12.6	11	77	7
	62309	EL DABA	270	26		03	2	6	Cu	11.9	12		5
		ALEXANDRIA	220	22	50	06	5	6	Cb	9.5	12	77	8
	62318	FOUAD (Airport)	250	33	10	07	2	7	Sc	9.4	14	67	8
	62330	DAMIETTA	220	24	7	07	2	7	Sc	9.3	14	55	5
	62332	PORT SAID	220	13	7	06	3	3	Fs.Fc	12.2	16	32	-1
	62336	EL 'ARISH	220	13	7	06	3	3	Fs.Fc	12.2	16	32	-1
Lower Egypt	62339	DAMANHUR	220	30	3	03	1	6	Fs.Fc	10.6	15	59	7
	62342	MANSURA	220	19	15	31	3	8	As	10.3	15	48	4
	62348	TANTA	220	27	35	03	2	8	St	11.9	15	39	1
	62354	ZAGAZIG	220	9	3	07	0	0	-	11.8	15	39	1
	62441	ISMAILIA	250	19	3	06	0	0	-	11.5	15	30	-3
Cairo Area	62366	FAROUK (Airport)	260	30		01	0	2	Sc	11.8	14	36	-1
	62372	ALMAZA	260	18	30	01	0	2	Cu	11.8	16	39	2
		EZBEKIYA	270	14	15	00	0	0	-	12.7	15	30	-3
		GIZA	270	14	15	00	0	0	-	13.2	16	36	1
	62378	HELWAN	250	19	3	05	5	7	St	12.7	14	27	-5
Upper Egypt	62381	FAIYUM	240	15	7	07	3	0	-	13.8	16	32	-1
	62387	MINYA	290	20	10	00	0	0	-	16.0	16	15	-11
	62393	ASYUT MANQABAD	270	13	30	00	0	0	-	15.3	16	19	-8
	62399	NAG HAMMADI	360	3	35	00	0	0	-	15.6	18	12	-12
	62402	QENA	240	13	35	00	0	0	-	15.1	18	20	-5
	62405	LUXOR	300	10	30	00	0	0	-	15.0	18	17	-8
	62414	ASWAN	340	8	50	00	0	0	-	14.7	20	14	-9
Oases	62417	SIWA	270	11	15	00	0	0	-	18.0	16	59	8
	62420	BAHARIYA	270	2	35	02	0	0	-	16.2	15	20	-8
	62423	FARAFRA											
	62430	DAKHLA	320	18	35	06	3	0	-	16.7	14	27	-5
	62436	KHARGA	00	0	35	00	0	0	-	17.8	18	17	-8
Red Sea	62450	SUEZ	180	5	35	02	0	0	-	11.5	16	24	-5
	62459	TOR	340	5	3	00	0	0	-	13.5	17	34	1
	62460	HURGHADA	270	15	30	00	0	0	-	12.0	21	26	1
	62465	QUSEIR	250	24	15	02	0	0	-	12.4	23		
	62641	PORT SUDAN	70	9	30	01	1	3	Cu.Ac	9.0	27	70	21
North Sudan	62600	WADI HALFA	350	20	10	05	0	3	Ci	15.0	21	11	-11
	62640	ABU HAMAD	20	19	30	00	0	0	-	8.4	30	18	3
	62660	KAREIMA	20	18	30	00	0	0	-	9.4	30	7	-9
	62680	ATBARA	360	9	10	00	0	0	-	4.6	32	21	7
	62721	KHARTUM	40	11	30	02	0	0	-	4.6	35	13	3
	62730	KASSALA	20	9	30	00	0	0	-	1.4	39	10	2
Central Sudan	62751	WAD MEDANI	360	9	35	00	0	0	-	3.1	37	17	8
	62801	RENK	50	9	50	00	0	0	-	3.1	39	13	6
	62802	ROSEIRES	360	5	35	00	0	0	-		39	16	9
	62771	EL OBEID	70	9	30	02	1	6	Cu.Cs	3.9	35	9	-2
	62760	EL FASHER	70	9	30	01	2	5	Cu	5.1	33	20	7
	62770	GENEINA											
S. Sudan	62840	MALAKAL	50	11	30	03	0	4	Cu.Cs	2.4	38	10	1
	62880	WAU	60	8	10	00	0	0	-	1.0	39	11	3
	62941	JUBA	360	2	30	02	1	1	Cu	1.1	38	21	12

At 1800 on 5 th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	270	5	7	02	5	4	Cu.Ac	15.1	10	88	8	0.3
SIDI BARANI	270	18	35	01	5	4	Sc.Ac	15.1	12	77	8	1
MATRUH	270	9	15	03	1	4	Cb	16.4	7		6	14	1	77	8	1
EL DABA	270	20		03	2	4	Cu	—	11	63	4	0
ALEXANDRIA	270	24	7	02	6	4	Cb	13.8	12	63	5	3
FOUAD (Airport)	260	24	10	25	8	6	Cu.Sc	13.1	13	72	8	3
DAMIETTA	220	9		03	6	6	Cu.Sc	12.0	10	88	8	8
PORT SAID	260	24	12	03	8	5	Cu.Sc	12.9	11	77	7	dr
EL 'ARISH	220	13	7	02	2	7	Fs.Fc	12.4	13	44	1	0
DAMANHUR	310	9	1.5	60	6	8	Cb	13.5	10	88	8	2
MANSURA	270	5	—	60	6	8	Cb	14.0	10	88	8	3
TANTA	220	8	35	01	6	5	Cu	14.8	10	76	6	0.6
ZAGAZIG	220	2	3	03	2	8	Cu	15.1	11	77	7	0
ISMAILIA	270	13	1.5	20	5	8	As	13.9			11	dr
FAROUK (Airport)	260	18	7	34	2	6	Sc	13.6	12	63	5	0
ALMAZA												
EZBEKIYA	270	7	15	00	0	0	-	15.4	11	77	7	dr
GIZA	270	7	15	00	0	0	-	15.5	11	63	4	0
HELWAN	250	11	3	05	2	7	St	15.9	12	55	3	dr
FAIYUM	270	2	35	03	1	4	St	16.4	11	63	4	0
MINYA	290	1	10	00	0	0	-	18.1	8	31	-8	0
ASYUT MANQABAD												
NAG HAMMADI	00	0	35	00	0	0	-	17.8	14	18	-10	0
QENA	290	9	7	00	0	0	-	17.4	12	33	-4	0
LUXOR	320	4	12	00	0	0	-	17.5	12	26	-7	0
ASWAN	00	0	50	00	0	0	-	16.8	17	15	-14	0
SIWA	00	0	7	00	0	0	-	17.1	13	55	4	0
BAHARIYA	270	3	35	02	0	0	-	17.8	9	62	2	0
FARAFRA												
DAKHLA	320	6	15	00	3	0	-	19.0	9	34	-6	0
KHARGA	320	4	15	00	0	0	-	19.2	10	26	-9	0
SUEZ	220	3	7	02	0	0	-	14.2	14	36	-1	0
TOR	40	13	7	00	0	0	-	16.7	15	30	-3	0
HURGHADA	280	14		00	0	0	-	15.3	15	39	1	0
QUSEIR	330	13	15	02	0	0	-	15.0	18	60	10	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on SUNDAY 6 th

Station	Wind Direction	Wind Velocity in 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	250	13	7	03	1	6	Fs.Fc	17.2		7	15		4		87	5	0.3	1.	
SIDI BARANI	220	13	50	01	1	3	Sc.Ac	16.2		6	14		5		95	6	1	223	
MATRUH	270	19	15	03	1	4	Cb	16.4		7			6		81	4	2	177	
EL DABA	270	12		01	1	3	Cu	16.0		10			5		76	6	2	127	
ALEXANDRIA	220	27	50	02	6	6	Cb	15.0	-3.0	12	13	-6	7	-3	77	8	15		152
FOUAD (Airport)	270	15	12	81	8	6	Cu.Cb	14.8		12	15		8		82	9	16	212	
DAMIETTA	220	9		50	6	6	Cu.Cb	14.3	-2.1	9	15		5		88	7	48	124	74
PORT SAID	260	26	10	01	0	1	Cu.Sc	14.9		9	14		8		71	4	0.4	36	
EL 'ARISH	220	19	15	01	1	2		14.6	-3.0	11	16	-3	9	+1	51	1	0		56
DAMANHUR	270	19	3	01	6	4	Cu	15.5	-1.8	8	16	-4	7	-1	88	6	5	67	65
MANSURA	220	5	15	20	6	4	Sc.Cu	15.2	-1.8	8	16	-4	6	-1	82	3	7	30	32
TANTA	220	8	35	25	01	0		17.0	-0.6	7	15	-6	4	-3	71	2	0.6	19	25
ZAGAZIG	220	5	7	00	1	0	-	17.1	-0.8	7	15	-5	6	0	71	2	0	10	16
ISMAILIA	250	13	3	06	0	0	-	16.2		10	16		9		50	0	dr	10	
FAROUK (Airport)	200	19	8	00	0	0	-	17.8		8	14		7		36	-1	0	3	
ALMAZA	180	10	12	00	0	0	-	18.1		8			7		58	0	0	4	
EZBEKIYA	180	5	15	00	0	0	-	18.7	+0.8	8	15	-6	6	-2	58	0	dr	8	15
GIZA	180	5	15	00	0	0	-	19.0	+1.2	10	16	-4	4	-2	54	1	0	13	16
HELWAN	160	7	3	05	0	0	-	19.4	+0.8	7	15	-4	6	-2	57	-1	dr	13	16
FAIYUM	240	2	35	01	0	0	-	19.5	+1.4	8	17	-5	5	-2	46	-3	0	2	5
MINYA	200	6	6	10	0	0	-	21.0		6	17		2		42	-6	0	4	
ASYUT MANQABAD	250	3	30	00	0	0	-	21.5		9	17		4		40	-4	0	0	
NAG HAMMADI	00	0	35	00	0	0	-	22.2	+4.4	8	19		1		46	-3	0	0	
QENA	240	9	15	00	0	0	-	21.9	+4.0	8	19	-5	4	-3	31	-8	0	dr	
LUXOR	260	4	30	00	0	0	-	20.4		8	19		3		37	-6	0	dr	
ASWAN	00	0	50	00	0	0	-	21.4	+3.0	8	22	-3	5	-6	76	-4	0	dr	
SIWA	270	5	15	00	0	0	-	22.0	+2.3	8	16	-5	5	+1	58	0	0	0	6
BAHARIYA	270	4	35	02	0	0	-	20.7	+1.9	9	16	-5	5	-1	47	-2	0	dr	6
FARAFRA																		dr	
DAKHLA	320	3	35	00	0	0	-	22.6	+3.2	3	16	-7	0	-6	48	-7	0	dr	
KHARGA	00	0	35	00	0	0	-	22.4	+3.8	8	19	-4	1	-5	46	-3	0	0	
SUEZ	270	2	15	03	0	2	Cb	16.1	-1.4	13	18	-2	7	-3	44	1	0	12	11
TOR	340	4	3	00	0	7		19.5	+2.3	14	20	-1	7	-2	55	5	0	0	10
HURGHADA	260	8		00	0	0	-	18.7		10	22		6		58	2	0	dr	
QUSEIR	270	13	15	02	0	0	-	18.6	+2.1	13	24	+1	10	-4	34	-3	0	0	4
PORT SUDAN	340	17	30	03	5	8	Sc	14.3		23	28		22		69	17	0		91
WADI HALFA	10	4	7	05	0	0	-	22.1		5	22		3		41	-7	0		
ABU HAMAD	20	19	30	00	0	1	Ac, Ci	17.0		13	31		12		29	-5	0	0	
KAREIMA	360	10	10	00	0	0	-	12.7		12	31		11		56	3	0	3	1
ATBARA	340	13						14.6		17	33		15		49	6	0	7	2
KHARTUM	340	16	10	05	0	0	-	14.6		17	37		16		22	-5	0	10	4
KASSALA	50	5	30	00	0	0	-	9.5		24	41		19		69	18	0	2	8
WAD MEDANI	360	19	35	00	0	0	-	12.8		20	38		12		46	8	0	11	12
RENK	360	9	50	00	0	0	-	12.0			39		17			-3	0	0	49
ROSEIRES	270	2	35	00	0	0	-			24	41		21		34	7	0	2	36
EL OBEID	350	14	30	03	0	2	Ac	15.5		17	36		15		24	-4	0	0	16
EL FASHER																		0	6
GENEINA																		-	4
MALAKAL	20	10	30	03	2	7	Ac	10.6		25	40		22		14	-5	0	69	88
WAU	00	0	30	02	1	7	Ac	10.1		26	40		23		35	16	0	261	145
JUBA	270	9	10	02	1	3	Ac	9.3		27	39		20		58	18	0	129	148

HUMIDITY

Mean of day

Station	%	Diff. from normal
Alexandria	62	-3
Ezbekiya	50	-14
Giza	43	-26
Helwan	49	-5

GIZA GRASS MINIMUM TEMP. ON 6 th 1.8 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

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

Remarks

RAWINSONDE

FAROUK. A. AIRPORT — On 6 th At 5

Pressure mbs	Height above M.S.L. Feet	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	128	7		220	15
950					
900					
850	1452	0	80	270	38
800	937	-9		270	43
700	2537	-9		270	43
600					
500	5488	-22			
400					
300	7172	-33			

AIRPORT — On At

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

UPPER WIND OBSERVATIONS on 5 th

Height m.	FOUAD A.P. Dir.	Vel.	MINYA Dir.	Vel.
Time	15	15	15	
300	280	23	280	24
600	290	28	280	18
1000	280	30	280	21
1500	280	36	280	23
2000	290	38		
3000				
4000				
5000				
6000				
7000				
8000				

UPPER WIND OBSERVATIONS on 6 th

Height m.	SIDI BARANI Dir.	Vel.	MATRUH Dir.	Vel.	FOUAD AIRPORT Dir.	Vel.	PORT SAID Dir.	Vel.	EL 'ARISH Dir.	Vel.	HELWAN Dir.	Vel.	MINYA Dir.	Vel.	ASYUT MANQABAD Dir.	Vel.	LUXOR Dir.	Vel.	ASWAN Dir.	Vel.	HURGHADA Dir.	Vel.	FAROUK A.P. Dir.	Vel.
Time	5										6	45	3						5		9		5	
300	260	25									180	13	270	12					360	4	310	19	230	20
600											240	15	300	35					360	10	310	40	260	29
1000											270	28	300	36					360	10	310	62	270	35
1500													290	29					360	8	300	57	270	38
2000																							270	41
3000																							270	43
4000																							270	58
5000																								
6000																								
7000																								
8000																								

Height m.	SIWA Dir.	Vel.	BAHARIYA Dir.	Vel.	DAKHLA Dir.	Vel.	KHARGA Dir.	Vel.	WADI HALFA Dir.	Vel.	ABU HAMAD Dir.	Vel.	KAREIMA Dir.	Vel.	KHARTUM Dir.	Vel.	KASSALA Dir.	Vel.	EL OBEID Dir.	Vel.	EL FASHER Dir.	Vel.	MALAKAL Dir.	Vel.
Time	5		5		5		6	15					4	30									4	
300	290	32	290	40	310	11	310	3																
600	290	32	290	39	330	14	350	11					330	54									20	15
1000	290	30	290	38	320	15	20	9					20	52									20	30
1500	290	28			300	35							350	12									30	29
2000	300	31											290	18									70	10
3000													240	19									170	13
4000																							160	6
5000																								
6000																								
7000																								
8000																								

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

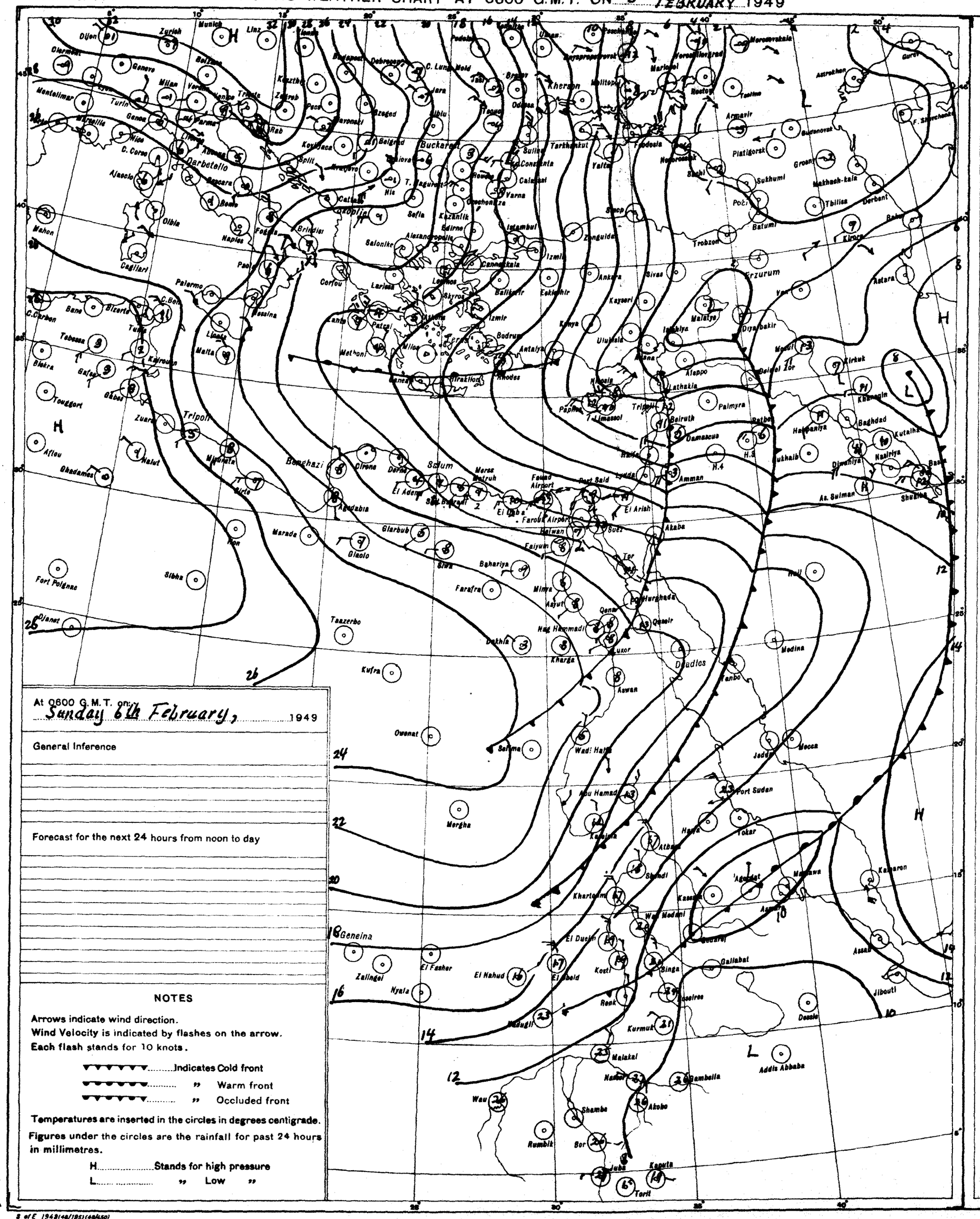
Note: All times G. M. T.

Z.A.S

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 6th FEBRUARY 1949



At 0600 G.M.T. on: Sunday 6th February, 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

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

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

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

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

AMOUNT OF CLOUD

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

S of E 1943(48/195)(48/450)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 42 G. M. T.

" " Sunset 15 37 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: Monday 7th February, 1949

At 1200 on Sunday 6th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
MEDITERRANEAN	62300	SALÛM											
	62303	SÎDI BARÂNI	270	12	50	03	1	6	Sc,Cu,Ac	17.2	14	77	10
	62306	MATRÛH											
	62309	EL DABA	270	25		03	2	4	Cu	15.9	14	55	5
		ALEXANDRIA	270	16	50	03	6	8	Sc,Ac,Cb	15.5	11	88	9
	62318	FOUAD (Airport)	260	23	12	81	8	8	Cb	15.3	13	77	9
	62330	DAMIETTA	200	13	7	51	5	7	Cu,Cb	13.9	14	77	10
	62333	PORT SA'ÎD	260	19	18	01	0	3	Cu,Sc	12.8	15	59	7
	62336	EL 'ARISH	220	13	7	07	3	6	Ac	13.8	17	42	4
LOWER EGYPT	62339	DAMANHUR	290	9	3	21	6	8	As	15.9	13	77	9
	62342	MANSURA	270	5	35	03	2	6	Cb	15.5	15	59	7
	62348	TANTA	270	13	35	03	1	3	Cu	15.7	17	42	4
	62354	ZAGAZIG	220	5	15	01	1	4	Cu	16.4	16	49	5
	62441	ISMA'ILIA	250	9	15	01	1	5	As	16.8	17	42	4
CAIRO AREA	62366	FAROUK (Airport)	240	19	90	02	0	2	Cu		16	39	2
	62372	ALMAZA	250	1				7					
		EZBEKIYA	270	15	35	03	0	1	Cu	16.8	17	26	-3
		GIZA	270	15	35	03	0	1	Cu	17.0	18	34	2
	62378	HELWÂN	270	16	35	03	1	3	Cu	16.7	16	32	-1
UPPER EGYPT	62381	FAIYÛM	240	5	35	03	1	2	St	17.6	17	34	1
	62387	MINYA	270	12	14	02	1	2	Cu	18.9	18	20	-5
	62393	ASYUT MANQABAD	290	10	30	02	0	1	Cu	19.0	16	39	2
	62399	NAG' HAMMADI	290	3	35	00	0	0	-	19.2	18	28	-1
	62402	QENA	240	13	50	00	0	0	-		18	28	-1
	62405	LUXOR	320	8	30	00	0	0	-	19.2	16	39	2
	62414	ASWÂN	20	6	50	00	0	0	-	18.7	18	34	2
OASES	62417	SÎWA	270	10	15	00	0	0	-	21.0	15	59	7
	62420	BAHARIYA	270	5	35	02	1	2	Ac	19.8	16	32	-1
	62423	FARAFRA											
	62432	DAKHLA	320	6	50	00	0	0	-	20.8	15	48	4
	62435	KHARGA	00	0	35	00	0	0	-	20.4	17	24	-4
RED SEA	62450	SUEZ	180	2	35	03	0	3	Cb	15.2	18	28	-1
	62459	TÔR											
	62462	HURGHADA	340	10		00	0	0	-	17.5	16	59	8
	62465	QUSEIR	20	13	15	02	0	0	-	18.4	17	42	4
	62641	PORT SUDAN	30	22	10	01	2	7	St	13.7	25	54	15
NORTH SUDAN	62600	WADI HALFA	20	16	10	00	0	0	-	18.9	17	19	-7
	62640	ABU HAMAD	50	19	10	07	0	0	-	13.6	23	27	3
	62660	KAREIMA	360	12	10	00	0	0	-	14.5	23	14	-6
	62680	'ATBARA	360	13	2	07	3	0	-	10.3	27	14	-3
	62721	KHARTUM	360	15	7	07	0	0	-	10.4	29	12	-3
	62730	KASSALA	20	9	30	00	0	0	-	6.0	35	30	15
CENTRAL SUDAN	62751	WAD MEDANI	360	19	35	00	0	0	-	7.2	32	21	7
	62801	RENK	360	9	50	00	0	0	-	6.4	32	17	4
	62802	ROSEIRES	340	5	35	00	0	0	-		37	17	8
	62771	EL OBEID	40	13	10	00	0	0	-			19	-6
	62760	EL FASHER	50	9	10	01	1	4	Cu		27	20	2
	62770	GENEINA	50	16	10	01	1	5			28		
S. SUDAN	62840	MALAKAL	50	13	30	03	1	3	Cu	6.0	34	16	5
	62880	WAU	290	3	30	02	1	7	Ac	6.8	32	36	15
	62941	JUBA	310	9	30	03	0	2	Cu,Ac	4.6	33	36	16

At 1800 on Sunday 6th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
62303	SÎDI BARÂNI												
62306	MATRÛH	280	16	14	03	2	6	Cu,Sc	17.0	9	88	7	0
62309	EL DABA	270	16		03	2	6	Cu				4	0
	ALEXANDRIA	270	16	7	02	5	4	Cb	17.1	13	55	4	6
62318	FOUAD (Airport)	250	12	12	02	8	6	Cu,Sc	16.8	13	77	9	8
62330	DAMIETTA	220	5		50	5	8	Cu,Cb	15.2	12	88	10	dr
62333	PORT SA'ÎD	250	16	10	03	8	7	Cu,Sc	15.9	12	77	8	0.5
62336	EL 'ARISH	240	13	3	07	3	8		15.0	13	67	7	0
62339	DAMANHUR	310	9	3	01	6	7	Ac	17.0	11	88	9	2
62342	MANSURA	220	5	3	03	5	0	Cb	16.8	11	88	9	dr
62348	TANTA	220	5	35	03	1	5	Cu	18.6	13	67	7	0
62354	ZAGAZIG			3	02	1	4	Cu	17.9	11	88	9	0
62441	ISMA'ILIA	250	2		03	2	8	As	16.5	12	63	5	0
62366	FAROUK (Airport)	250	10	12	03	1	7	Sc	17.4	13	38	-1	0
62372	ALMAZA	240	7	18	03	2	8	Sc	17.9	13	44	1	0
	EZBEKIYA	210	3	15	03	2	6	Sc	17.9	13	44	1	0
	GIZA	210	3	15	03	2	6	Sc	18.2	12	51	2	0
62378	HELWÂN	250	4	35	03	1	5	Sc,Cu	18.4	12	44	0	0
62381	FAIYÛM	240	2	35	02	1	2	St	18.6	12	55	3	0
62387	MINYA	320	4	8	00	0	0	-	20.4	9	34	-6	0
62393	ASYUT MANQABAD												
62399	NAG' HAMMADI	00	0	35	00	0	0	—	19.2	10	62	3	0
62402	QENA	240	5	7	00	0	0	-	19.8	12	55	3	0
62405	LUXOR	340	2	12	00	0	0	-	19.7	13	38	-1	0
62414	ASWÂN	360	6	50	00	0	0	-	19.5	15	30	-3	0
62417	SÎWA	00	0	7	00	0	0	-	20.6	14	55	5	0
62420	BAHARIYA	270	2	35	02	0	0	-	20.4	10	62	3	0
62423	FARAFRA	270	6	7	00	0	0	-	22.0	10	76	6	0
62432	DAKHLA	340	6	35	00	0	0	-	20.4	10	62	3	0
62435	KHARGA	00	0	15	00	0	0	-	21.1	12	44	0	0
62450	SUEZ	270	3	7	01	0	0	-	18.0	14	36	-1	0
62459	TÔR												
62462	HURGHADA	280	8		03	1	6	Cu	18.2	14	42	1	0
62465	QUSEIR	330	13	15	02	0	0	-	18.3	16	49	5	0
62641	PORT SUDAN												
62600	WADI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	'ATBARA												
62721	KHARTUM												
62730	KASSALA												
62751	WAD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID												
62760	EL FASHER												
62770	GENEINA												
62840	MALAKAL												
62880	WAU												
62941	JUBA												

At 0600 on Monday 7th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
	SALUM																			
	SÎDI BARÂNI																			
	MATRÛH											13							175	
62309	EL DABA	270	36		03	2	6	Cu	13.3		12	—		9		83	10	4	131	
	ALEXANDRIA	200	4		01	5	5	St,Ac	12.7	-5.2	11	14	-5	10	0	77	7	6	230	152
62318	FOUAD (Airport)	220	12	15	02	2	7	Cu,Cb	12.9		10	14		9		88	8	8	220	116
62330	DAMIETTA	220	9		12	5	8	Cu,Cb	13.4	-3.4	9	16		4		88	7	6		75
62333	PORT SA'ÎD	220	18	12	03	0	2	Sc	13.9		10	16		9		71	5	0.5	36	
62336	EL 'ARISH	180	2	35	01	0	3	Sc,Cu	15.4	-2.2	11	17	-2	9	+1	77	7	0	42	57
62339	DAMANHUR	270	13	3	02	2	8	Ac,Cu	14.2	-3.0	10	15	-5	8	0	88	8	2	69	66
62342	MANSURA	220	5	15	03	2	8	Cb,St	14.0	-3.0	9	16	-4	7	0	71	4	dr	30	32
62348	TANTA	220	13	7	03	2	8	St	15.4	-2.1	10	17	-4	6	-1	76	6	0	19	26
62354	ZAGAZIG	220	2	3	03	2	8	Ac	15.0	-2.9	9	18	-2	6	0	71	4	0	10	17
62441	ISMA'ILIA	250	5	3	01	2	7	Ac	15.2		10	18		9		62	3	0	10	
62366	FAROUK (Airport)	190	20	12	03	2	7		16.6		10	16		8		62	3	0	3	
62372	ALMAZA											17							4	
	EZBEKIYA	180	5	15	02	2	8	Sc	15.9	-2.0	10	17	-4	8	0	62	3	0	8	15
	GIZA	180	5	15	02	2	8	Sc	16.4	-1.3	10	18	-2	4	-2	62	3	0	13	16
62378	HELWÂN	160	10	3	06	2	8	Ac	16.3	-2.3	9	16	-3	8	0	71	4	0	13	16
62381	FAIYÛM	220	2	35	03	2	8	St	17.8	-0.2	11	18	-4	5	-2	63	4	0	2	5
62387	MINYA	190	2	10	01	2	7	Sc	19.1		7	18		4		53	-2	0	4	
62393	ASYUT MANQABAD	00	0	30	00	0	4	Sc	20.2		8	10		4		62	1	0	0	
62399	NAG' HAMMADI	00	0	35	00	0	0	-	21.0	+3.0	10	18		2		50	0	0	0	
62402	QENA	270	2	15	01	0	0	—	20.2	+2.4	9	19	-5	5	-2	47	-2	0	dr	
62405	LUXOR	00	0	30	01	0	1	Cu	20.2		10	18		3		44	-2	0	dr	
62414	ASWÂN	00	0	50	00	0	0	-	21.4	+3.1	9	19	-5	5	-6	47	-2		dr	
62417	SÎWA	270	9	15	00	0	0	-	19.9	+0.2	11	16	-5	6	+2	63	4	0	0	6
62420	BAHARIYA	270	6	35	02	1	4	Ac	19.6	+0.9	9	17	-4	7	+1	62	2	0	dr	6
62423	FARAFRA	220	11	35	03	2	7	Cu			9	16		1		71	4	0	dr	
62432	DAKHLA	270	6	35	00	0	0	-	21.8	+2.5	10	17	-6	3	-3	54	1	0	dr	
62435	KHARGA	00	0	35	00	0	0	-	21.6	+3.1	9	18	-6	3	-3	62	2	0	0	
62450	SUEZ	00	0	7	00	0	6	Sc	16.1	-1.4	13	20	0	8	-2	55	4	0	12	11
62459	TÔR																			10
62462	HURGHADA	250	8		03	0	4	Ci	18.5		12	18		6		44	0	0	dr	
62465	QUSEIR	270	13	15	03	0	0	-	18.3	+1.9	13	20	-3	11	-3	44	1	0	0	4
62641	PORT SUDAN	330	12	30	03	2	7	Sc	16.2		19	26		17		64	12	0	34	91
62600	WADI HALFA	10	4	10	05	0	2	Ci	21.4		7	19		3		39	-6	0	tr	
62640	ABU HAMAD	50		30	00	0	0	-	17.0		12	24		10		44	0	0	-	
62660	KAREIMA	20	9	30	00	0	0	-	18.5		11	24		9		35	-4	0	3	1
62680	'ATBARA	40	9	10	00	0	0	-	15.5		14	28		12		23	-7	0	7	2
62721	KHARTUM	310	12	10	00	0	0	-	15.3		16	30		14		22	-6	0	10	4
62730	KASSALA	00	0	30	03	1	7	Cs	11.2		21	35		18		74	16	0	2	8
62751	WAD MEDANI	360	19	50	00	0	0	-	14.7		15	33		12		16	-11	0	11	12
62801	RENK	50	9	50	00	0	0	-	12.2		21	33		15		11	-11	0	0	49
62802	ROSEIRES	290	19	35	00	0	0	-			21	38		19		28	2	0	2	36
62771	EL OBEID	340	15	10	00	0	0	-	16.4		13			12		17	-12	0	0	16
62760	EL FASHER	10	5	30	00	0	0	-			12	28		10		28	-6	0	0	6
62770	GENEINA	20	9	10	00	0	1	Ci			12	29		11		12	-16	0	-	4
62840	MALAKAL	20	14	10	06	1	4	Ac,Ci	12.0		21	35		20		10	-12	0	69	88
62880	WAU	00	0	30	02	1	6	As,Ci	12.4		18	33		17		43	5	0	261	145
62941	JUBA	310	2	10	04	1	2	Ac	12.7		24	37		17		50	13	0	129	148

HUMIDITY % Mean of day

STATION	on 6th	Diff. from normal
Alexandria	63	-2
Ezbekiya	48	-16
Giza	47	-22
Helwân	47	-7

GÎZA GRASS MINIMUM TEMP. ON 7th 3.6 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

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

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

UPPER WIND OBSERVATIONS on 6th

Height m.	P. Said 14 Dir.	Vel.	Munia 15 Dir.	Vel.
300	280	16	360	12
600	310	20	10	11
1000	300	11	10	12
1500			20	16
2000			360	16
3000				
4000				
5000				
6000				
7000				
8000				

UPPER WIND OBSERVATIONS on 7th

Height m.	Sîdi Barâni Dir.	Vel.	Matrûh Dir.	Vel.	Fouad Airport 3 Dir.	Vel.	Port Sa'îd 5 Dir.	Vel.	El 'Arîsh Dir.	Vel.	Helwân 7 Dir.	Vel.	Minya 3 Dir.	Vel.	Asyût Manqabâd Dir.	Vel.	Luxor Dir.	Vel.
300					240	26	240	38			190	21	230	10				
600					250	31	230	35			220	24	280	30				
1000					260	33	240	13			260	29	290	23				
1500					250	33	260	30			260	31	290	19				
2000																		
3000																		
4000																		
5000																		
6000																		
7000																		
8000																		

Height m.	Aswân 5 Dir.	Vel.	Hurghada 9 Dir.	Vel.	Al Maza 8 30 Dir.	Vel.
300	330	4	290	11	220	18
600	360	19	280	12	240	23
1000	350	18	280	11	250	15
1500	330	24	270	24	250	29
2000			260	19		
3000						
4000						
5000						
6000						
7000						
8000						

Height m.	Sîwa 5 Dir.	Vel.	Bahariya Dir.	Vel.	Dakhla 5 Dir.	Vel.	Kharga 6 15 Dir.	Vel.	Wâdi Halfa 5 Dir.	Vel.	Abû Hamad 4 15 Dir.	Vel.	Kareima 4 30 Dir.	Vel.	Khartûm 4 30 Dir.	Vel.	Kassala 4 15 Dir.	Vel.	El Obeid 4 30 Dir.	Vel.	El Fâsher 4 30 Dir.	Vel.	Malakâl 4 Dir.	Vel.
300	280	36	270	42	280	10	280	4	360	11													20	15
600	290	43	280	49	300	13	300	12	30	13	10	28	20	31	340	13							10	3
1000	300	44	280	48	300	16	320	17	360	26	30	11	40	35	360	25	90	1	10	20	350	14	30	26
1500			280	47	300	48	330	10	360	14	320	11	350	11	20	19	10	13	40	24	90	7	50	18
2000			320	56			280	12	300	11	70	21	290	12	50	3	360	7	80	12				
3000									250	23	250	32	260	23	310	11	350	7			310	4		
4000									250	42					310	16								
5000									230	27														
6000																								
7000																								
8000																								

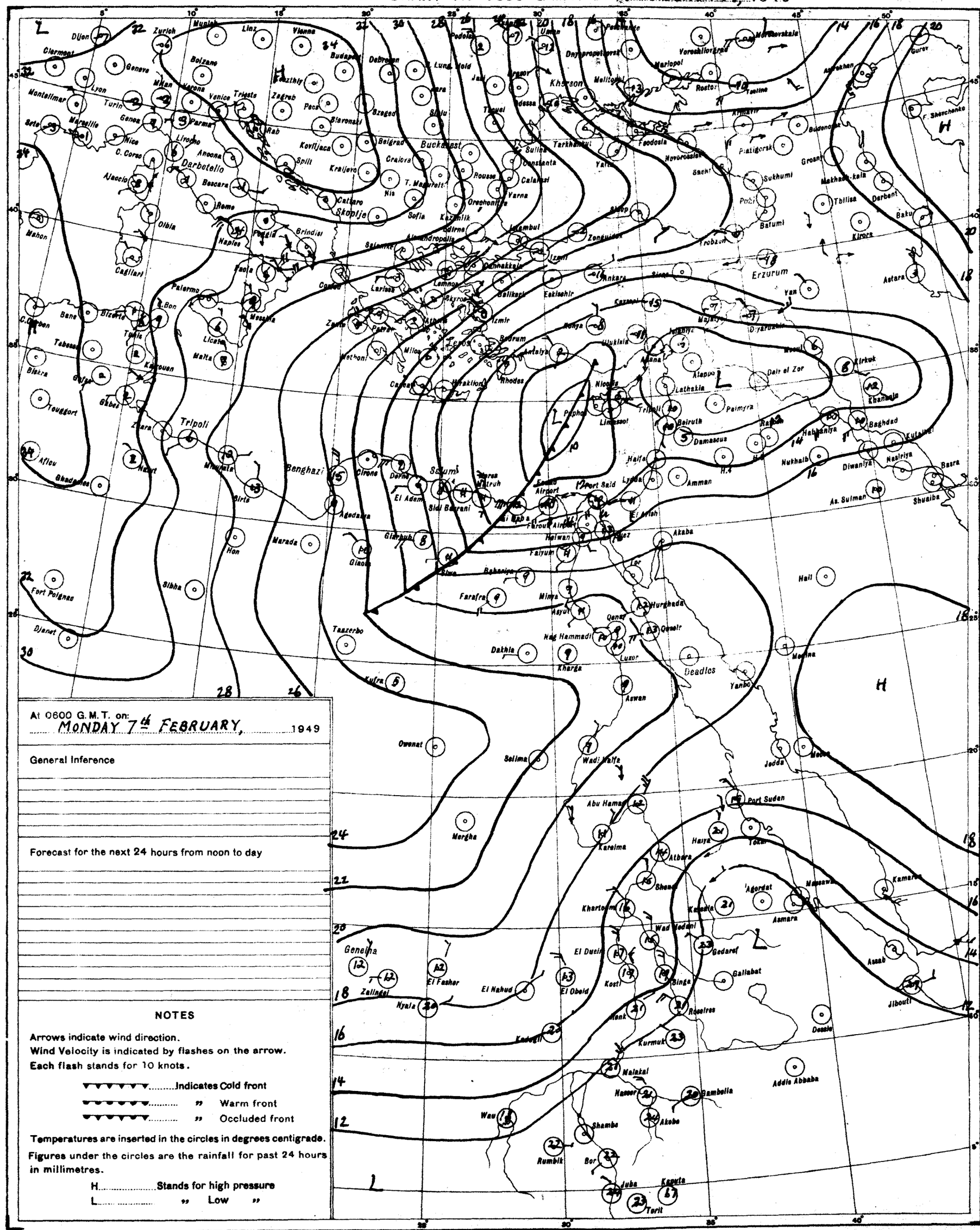
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 7th FEBRUARY, 1949


Dijon
Zurich
Munich
Linz
Vienna
Clermont
Geneve
Bolzano
Budapest
Debrecen
Lyon
Milan
Verona
Venice
Trieste
Zagreb
Pecs
Szeged
Montelimar
Turin
Genoa
Marseille
Nice
C. Corso
Ajaccio
Bastia
Rome
Olbia
Mahon
Cagliari
Naples
Foggia
Brindisi
Palermo
Messina
Malta
Tunis
Bizerte
Bone
Tebessa
Biskra
Gafsa
Gabes
Tripoli
Benghazi
Tobruk
Sollum
Cairo
Alexandria
Port Said
Suez
Khartoum
Wadi Halfa
Port Sudan
Asmara
Massawa
Addis Ababa
Djibouti
Berbera
Aden
Hodeida
Jeddah
Mecca
Medina
Aswan
Luxor
Kharga
Dakhla
Asyut
Minya
Farafra
Siwa
Bahariya
Faiyum
Helwan
Deadlos
Yambo
Hurghada
Qena
Nag Hammadi
Kufra
Owenat
Selima
Merga
Geneina
Zalingei
Nyala
El Fasher
El Nahud
El Obeid
El Dueim
Kosti
Kadugli
Malakal
Kurmuk
Gambella
Akobe
Wau
Rumbik
Bor
Juba
Kapoeta
Torit
Addis Ababa
Dessie
Gallabat
Gedaref
Kassala
Asmara
Massawa
Agordat
Keren
Tokar
Haiya
Atbara
Shendi
Khartoum
Wad Medani
Kosti
Sinja
Roseires
Kurmuk
Malakal
Nasser
Akobe
Shambe
Bor
Tarit
Kapoeta
Juba
Port Sudan
Kassala
Gedaref
Gallabat
Asmara
Massawa
Asaab
Jibouti
Dessie
Addis Ababa
Aden
Berbera
Hodeida
Jeddah
Mecca
Medina
Yambo
Aswan
Luxor
Deadlos
Hurghada
Qena
Nag Hammadi
Minya
Asyut
Farafra
Siwa
Bahariya
Faiyum
Helwan
Suez
Akaba
Hail
Port Said
Lydda
Amman
Haifa
Nicosia
Paphos
Limassol
Tripoli
Beirut
Damascus
Palmyra
Latakia
Aleppo
Deir el Zor
Rutba
Habbaniya
Baghdad
Kirkuk
Khaniqin
Nuhaib
Diwaniya
Nasiriya
Basra
Kuwait
Shuaiba
As Sulman
Bahrein
Khorramshahr
Abadan
Bushire
Kerman
Zahedan
Quetta
Karachi
Jiwani
Gwadar
Pasni
Jask
Muscat
Sur
Masirah
Salalah
Mogadishu
Kismayu
Lamu
Mombasa
Tanga
Dar es Salaam
Zanzibar
Tabora
Mwanza
Kampala
Entebbe
Nairobi
Eldoret
Kisumu
Gondar
Asmara
Massawa
Addis Ababa
Dessie
Jibouti
Berbera

CAIRO

Time of Sunrise 04 41 G. M. T.

" " Sunset 15 38 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date : TUESDAY 8th FEBRUARY , 1949

At 1200 on MONDAY 7th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
MEDITERRANEAN	62300	SALÛM	320	10	7	03	6	8	Fs,Fc	19.6	10	76	6
	62303	SÎDI BARÂNI	340	19	35	50	7	8	Cb	19.1	11	51	1
	62306	MATRÛH	10	22	12	02	2	8	Cb	16.7	11	44	-1
	62309	EL DABA	270	20		03	6	7	Cu	14.6	13?		
		ALEXANDRIA	240	22	50	03	6	5	Cb	13.0	11	51	1
	62318	FOUAD (Airport)	230	12	12	03	8	7	Cu,Sc	12.6	11	82	8
	62330	DAMIETTA	290	13	3	60	6	8	Cb	10.0	10	95	10
	62333	PORT SA'ID	240	33	4	82	8	8	Cb	9.1	14	55	5
	62336	EL 'ARISH	220	19	3	07	3	8	As	11.4	16	49	5
LOWER EGYPT	62339	DAMANHUR	270	9		63	6	8	Fs,Fc	12.3	11	88	9
	62342	MANSURA	320	9	15	63	6	8	Cb	11.5	11	88	9
	62348	TANTA	270	8	7	03	6	8	Sc	13.0	12	88	10
	62354	ZAGAZIG	220	2	3	02	2	8	Cu	12.0	15	59	7
	62441	ISMA'ILIA	250	24	1.5	34	3	8	As	11.5	16	42	3
CAIRO AREA	62366	FAROUK (Airport)	250	28	4	82	8	8	Cb	15.5	14		5
	62372	ALMAZA	250	21	5	81	8	8	Cb	12.4	15	48	4
		EZBEKIYA	270	27	15	02	2	8	Fs,Fc	12.4	15	48	4
		GIZA	270	27	15	02	2	8	Fs,Fc	13.5	15	48	4
	62378	HELWÂN	250	19	3	31	6	8	Cb	13.1	14	48	3
UPPER EGYPT	62381	FAIYÛM	220	15	7	07	3	8	Sc	14.0	16	39	8
	62387	MINYA	280	18	10	02	1	6	Sc,Cu	16.5	19	30	1
	62393	ASYUT MANQABAD	270	19	30	07	1	7	Cu	16.1	18	26	-2
	62399	NAG' HAMMADI	270	3	35	00	0	1	Ac	17.1	19	35	3
	62402	QENA	290	13	50	02	1	3	Ci	17.5	18	37	3
	62405	LUXOR	300	12	30	03	0	5	Ci	17.0	18	37	3
	62414	ASWÂN	340	5	50	00	0	0	—	17.2	20	30	2
OASES	62417	SÎWA	270	20	3		0	0	—	20.2	16	59	8
	62420	BAHARÎYA	270	5	15	50	5	5	Ac	17.2	10	42	3
	62423	FARAFRA											
	62432	DAKHLA	320	16	35	03	1	4	Fs,Fc,Sc	18.3	17	42	4
	62435	KHARGA											
RED SEA	62450	SUEZ	270	4	15	03	2	8	Sc	11.5	17	34	1
	62459	TÛR											
	62462	HURGHADA	270	12		03	2	6	Fs,Fc,Sc	15.3	18	46	6
	62465	QUSEIR	310		15	02	0	0	—	15.9	20	24	-1
	62641	PORT SUDAN	50	16	30	01	1	6	Cu,Ac	12.9	24	54	14
NORTH SUDAN	62600	WÂDI HALFA	340	17	30	02	0	2	Ci	18.4	19	28	0
	62640	ABU HAMAD											
	62660	KAREIMA	360	16	10	60	0	0	—	15.4	22	9	-11
	62680	'ATBARA	360	13	10	00	0	0	—	11.3	26	15	-3
	62721	KHARTÛM											
	62780	KASSALA	50	9	30	01	1	2	Cs	5.6	34	36	17
CENTRAL SUDAN	62751	WÂD MEDANI	360	13	35	01	5	6	Ci	9.1	30	35	4
	62801	RENK	50	9	50	01	1	4	Ci	9.4	30	24	7
	62802	ROSEIRES	310	9	35	00	0	0	—		35	18	7
	62771	EL OBEID	10	9	30	00	0	0	—	10.7	25	10	-9
	62760	EL FÂSHER	70	5	30	00	0	0	—		27	8	-10
	62770	GENEINA	50	7	6	01	0	4	Ci		27	6	-14
S. SUDAN	62840	MALAKÂL	20	13	30	01	1	5	Ac,Ci	9.6	32	8	-0
	62880	WÂU	360	13	35	00	0	2	Sc	4.3	35	18	7
	62941	JUBA	310	2	7	04	1	8	Cu,Ac	6.6	34	12	1

At 1800 on MONDAY 7th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
SALUM	320	10	7	01	6	6	Fs,Fc	22.8	9	62	2	9
SIDI BARANI	360	25	35	01	5	6	Sc,Cu	22.0	10	50	0	7
MATRUH	310	25	12	01	2	7	Cb	18.6	10	50	0	
EL DABA			12	02		6	Cu	—	12	77	8	0
ALEXANDRIA	310	27	7	02	5	4	Cb	15.8	9	62	2	6
FOUAD (Airport)	310	21	12	01	2	5	Sc	16.2	10	55	2	
DAMIETTA	270	24		03	6	8	Cu,Sc	14.0	11	63	4	42
PORT SA'ID	290	26	10	02	8	8	Cu,Sc	12.8	10	62	3	5
EL 'ARISH	220	13	7	25	6	7	Fs,Fc	12.0	9	88	7	3
DAMANHUR	270	19	3	01	6	6	Cu	15.9	8	74	3	14
MANSURA	320	9	3	03	8	8	Cb	15.0	9	62	2	6
TANTA	220	13	7	02	6	8	Sc	16.1	9	88	7	4
ZAGAZIG	220	2	3	01	2	4	Cu	15.8	8	88	6	3
ISMA'ILIA	270	5	3	03	2	8	As	14.6	10	74	6	tr
FAROUK (Airport)	270	9	12	02	2	7	Sc	16.4	8		4	tr
ALMAZA												
EZBEKIYA	320	15	15	01	2	5	Sc	16.4	9	71	4	tr
GIZA	320	15	15	01	2	5	Sc	16.7	9	67	3	0.3
HELWÂN	290	8	15	03	6	8	Ac	17.3	8	48	6	2
FAIYUM	220	15	7	03	3	8	Sc	18.3	10	76	6	0.5
MINYA	330	24	8	00	1	0	-	18.9	12	44	0	0
ASYUT MANQABAD												
NAG' HAMMADI	270	3	35	00	0	6	Ac	18.3	14	65	5	0
QENA	270	5	7	01	2	2	Ci	17.8	13	55	4	0
LUXOR												
ASWÂN	00	0	50	01	1	6	Ci	18.8	17	19	-7	0
SIWA	00	0	7	00	0	0	-	24.0	11	63	4	tr
BAHARIYA	320	4	35	01	1	0	-	20.6	9	71	4	tr
FARAFRA												
DAKHLA	320	16	15	00	2	0	-	21.9	9	47	-2	0
KHARGA	320	10	15	00	0	0	-	21.6	12	51	2	0
SUEZ	270	5	3	01	0	6	-	15.9	9	71	4	0
TUR												
HURGHADA	260	11	50	01	1	3	Sc	15.1	15	48	4	0
QUSEIR	270	14	15	00	2	5	Ac	15.9	18	28	-1	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 8th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	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	7	03	2	8	Fs,Fc	24.8		9	14		3		62	2	9		
SIDI BARANI	290	11	35	50	6	8	Sc,Cb	24.3		8	11		6		88	6	10	233	
MATRUH	300	30	14	03	2	6	Cu,Sc	22.2		10			7		62	3	0		
EL DABA	320	40?		03	5	3	Cu	22.4		12?			7		77	8	2	133	
ALEXANDRIA	310	24	50	03	6	8	Cb	19.9	+2.0	7	13	-6	6	-4	87	5	8	238	153
FOUAD (Airport)	340	25	12	03	1	8	Cu,Sc	19.1		7			4		87	5	12	232	117
DAMIETTA	290	30		03	2	8	Cu,Sc	16.3	-0.5	9	15		4		88	7	42	218	76
PORT SA'ID	300	24	10	35	8	8	Cu,Sc	15.9		8	15		6		74	4	8	144	
EL 'ARISH	220	24	15	60	6	6	Cb,Cu	15.1	+2.4	7	17	-2	4	-4	37	2	14	56	58
DAMANHUR	310	19	3	02	6	7	Ac	19.5	+2.4	7	15	-5	6	-2	87	5	15	84	67
MANSURA	320	13	15	03	2	8	Cb	18.2	+1.2	7	16	-4	5	-2	71	2	6	36	33
TANTA	00	0	3	02	2	8	Sc	19.6	+3.1	6	16	-5	2	-5	88	4	4	23	26
ZAGAZIG	320	2	3	02	2	8	Ac	19.6	+1.8	6	17	-3	4	-2	87	4	3	13	17
ISMA'ILIA	270	13	3	00	1	5	Sc	17.9		7	16		6		71	2	tr	10	
FAROUK (Airport)	250	21	12	03	6	8	Sc	20.6		6	15		5			2	tr	3	
ALMAZA																	0	4	
EZBEKIYA	270	11	15	02	2	8	Fs,Fc	20.8	+3.0	7	16	-5	6	-2	87	5	tr	8	16
GIZA	270	11	15	02	2	8	Fs,Fc	21.2	+3.5	7	17	-3	4	-2	74	3	0.3	14	16
HELWÂN	270	12	35	02	2	8	Fs,Fc	21.2	+2.7	6	14	-5	4	-5	87	4	2	15	17
FAIYUM	60	15	35	02	2	8	Fs,Fc	22.8	+4.8	6	17	-5	4	-3	87	4	0.5	3	5
MINYA	310	12	8	00	0	4	Ac	23.8		5	19		3		70	0	0	4	
ASYUT MANQABAD	290	9	30	00	0	0	-	23.5		6	19		2		61	-1	0	0	
NAG' HAMMADI	290	5	15	00	0	0	-	23.8	+5.9	9	19		5		62	2	0	0	
QENA	290	9	15	00	0	0	-	23.4	+5.7	9	19	-5	6	-1	47	-2	0	tr	
LUXOR																		tr	
ASWÂN	360	11	50	00	0	0	-	23.5	+5.3	10	22	-3	8	-3	58	2	0	tr	
SIWA	270	10	15	03	2	8	Sc	26.6	+7.0	7	17	-4	4	-1	66	1	0	tr	6
BAHARIYA	270	6	35	02	0	0	-	24.7	+6.1	6			3	-3	87	4	tr	tr	6
FARAFRA	310	6	35	00	0	0	-			5			1		81	2	0	tr	
DAKHLA	270	3	15	00	0	0	-	25.8	+6.5	5	18	-5	2	-4	70	0	0	tr	
KHARGA	340	4	35	00	0	0	-	24.7	+6.2	9			6	-1	62	2	0	0	
SUEZ	00	0	15	00	1	7	Cu	19.1	+1.7	9	17	-3	5	-5	62	2	0	12	11
TUR																		0	10
HURGHADA	270	19		03	0	1	Cu	19.9		10	20	0	7		50	0	0	tr	
QUSEIR	310	24	15	02	0	0	-	20.0	+3.7	12	21	-2	11	-3	33	-4	0	0	4
PORT SUDAN	330	12	30	01	1	3	Sc,Ac	17.1		20	25		17		33	3	0	34	91
WADI HALFA	350	15	4	05	0	0	-	24.0		9	20		7		50	-1	0	tr	
ABU HAMAD	20	5	30	00	0	0	-	20.4		12	24		8		55	3	0	0	
KAREIMA	360	16	30	00	0	0	-	22.8		11	24		7		41	-2	0	3	1
'ATBARA	340	19				0	—	18.4		14	26		12		32	-3	0	7	2
KHARTUM	340	16	30	01	0	1	Ci	19.0		15	27		12		25	-5	0	10	4
KASSALA	340	5	30	00	0	3	Ci	15.8		16	35		13		34	0	0	2	8
WAD MEDANI	20	9	50	00	0	0	-	19.4		15	31		12		23	-6	0	11	12
RENK																		0	49
ROSEIRES	310	19	35	00	0	0	—			19	35		16		32	2		2	36
EL OBEID	360	12	30	00	0	0	-	18.9		13	27		10		29	-5	0	0	16
EL FASHER	40	7	31	00	0	0	-			10	27		8		32	-6	0	0	6
GENEINA																		0	4
MALAKAL	20	21	10	02	1	4	Ac	13.5		20	34		15		10	-13	0	69	88
WAU	30	4	30	00	1	0	-	13.4		20	35		19		18	-5	0	261	146
JUBA	120	2			0	0	-	12.2		23	35		16		44	10	0	129	149

HUMIDITY

Mean % of day

STATION	on 7th	Diff. from normal
Alexandria	60	-3
Ezbekiya	61	-3
Giza	61	-8
Helwân	69	+16

GIZA

GRASS MINIMUM TEMP.

ON 8th -04 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

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

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

Remarks

RAWINSONDE

FAROUK AIRPORT — On 8th At 7

Pressure mbs.	Height above M.S.L. FEET	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	152	5	70	250	16
950					
900					
850	1461	-4		310	44
800					
700	2956	-5		320	94
600					
500	4504	-23		310	95
400					
300	10025	-43			

AIRPORT — On ..... At .....

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

UPPER WIND OBSERVATIONS on 7th

Station																												
Time																												
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300																												
600																												
1000																												
1500																												
2000																												
3000																												
4000																												
5000																												
6000																												
7000																												
8000																												

UPPER WIND OBSERVATIONS on 8th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'îd		El 'Arîsh		Helwân		Minya		Asyût Manqabad		Luxor		Aswân		Hurghada		Farouk A.P.	
Time	5										7 30		3						5		9		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	350	25									260	12	300	43					350	21	300	25	270	25
600	350	30									290	22	310	54					360	31	300	22	290	31
1000											310	29	320	42					10	23	320	11	300	32
1500													330	50					10	23			310	49
2000																							310	26
3000																							320	—
4000																								
5000																							310	—
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	5		5		5		5		5		4		5		4						5			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
800	320	23	300	28	330	12	360	14	350	17														
600	320	34	310	36	340	18	340	22	340	29	340	25	10	20	350	16								
1000	340	28	320	36	340	19	350	25	350	21	350	30	10	27	360	21					10	11		
1500	340	32	330	34	340	23			340	25	340	22	10	23	350	19					20	12		
2000	330	22	320	28									20	19	320	18								
3000															280	10								
4000																								
5000																								
6000																								
7000																								
8000																								

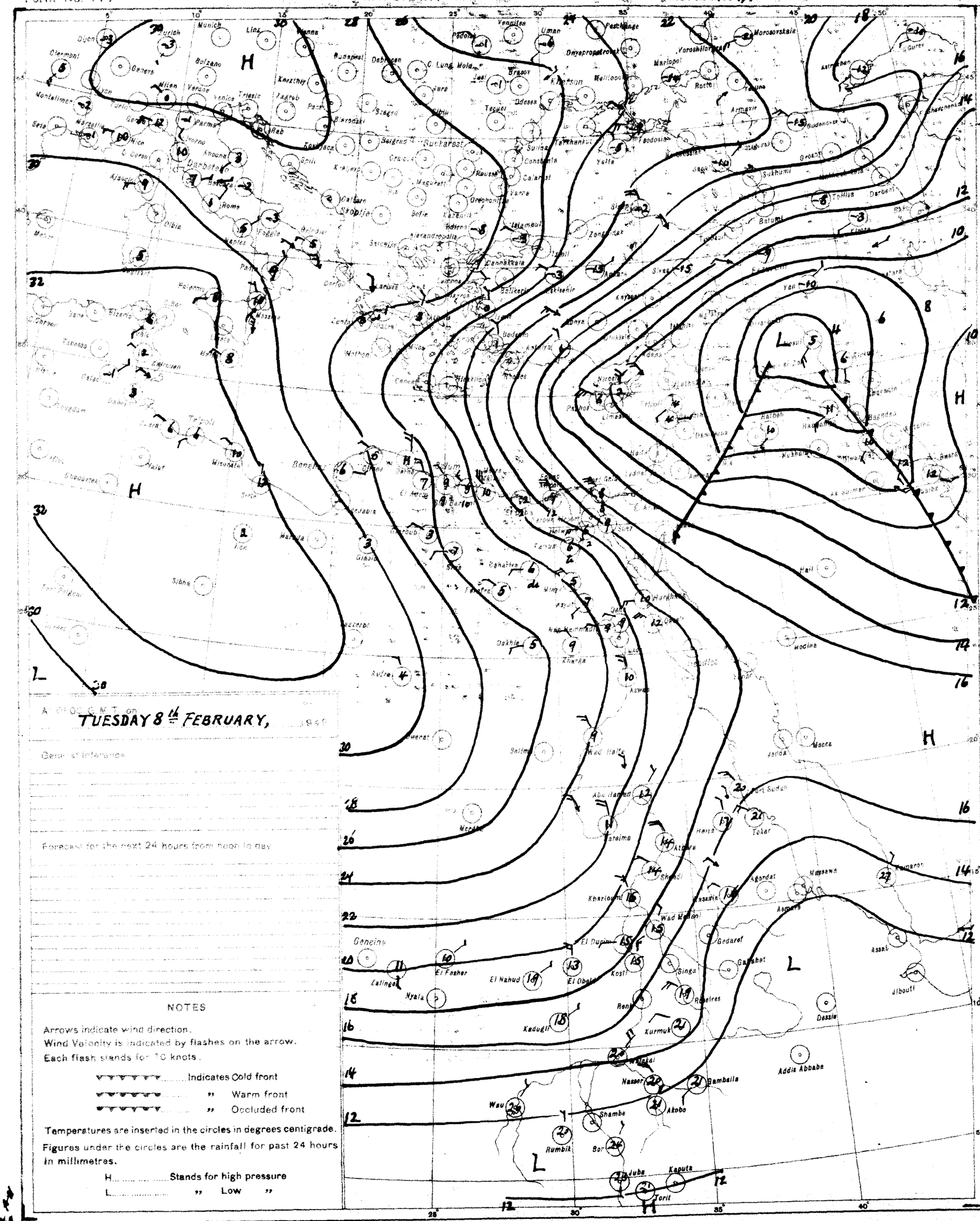
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 8th FEBRUARY, 1949


Munich
Zurich
Vienna
Budapest
Odessa
Tiflis
Batumi
Sukhumi
Rostov
Astrakhan
Khartoum
Wad Medani
El Obeid
El Nahud
El Fasher
Kosti
Kadugli
Kurmuk
Gambela
Akobo
Bor
Rumbik
Wau
Nasser
Addis Ababa
Asmara
Massawa
Gedaref
Gondar
Tolar
Port Sudan
Kaputa
Juba
Torit
Nyala
Zalingei
Geneina
Dessie
Djibouti
Aden
Mogadishu
Jadida
Macca
Medina
Tanta
Cairo
Alexandria
Athens
Istanbul
Ankara
Sofia
Rome
Palermo
Malta
Tripoli
Benghazi
Sidi Barrani
Wadi Halfa
Atbara
Khartoum
Omdurman
Port Sudan
Massawa
Asmara
Addis Ababa

CAIRO

Time of Sunrise 04 41 G. M. T.

" " Sunset 15 39 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: Wednesday 9th February, 1949

At 1200 on Tuesday 8th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALŪM	320	3	13	25	6	8	Fs	26.0	9	88	7
	62303	SÎDI BARÂNI	340	11	50	02	5	8	Sc,Cu	25.4	11	51	1
	62306	MATRÛH	10	23	12	02	2	8	cb	24.3	10	50	0
	62309	EL DABA	320	36		03	6	7	Cu				7
		ALEXANDRIA	310	25	50	03	6	7	Fs,E	21.5	10	76	6
	62318	FOUAD (Airport)	320	25	14	02	2	7	Cu,Sc	21.4	9	76	5
	62330	DAMIETTA	290	30	7	02	6	7	Cu,Sc	17.8	10	62	3
	62333	PORT SA'ID	300	26	12	02	8	7	Sc,Cu	17.9	10	62	3
	62336	EL 'ARISH	220	19	15	21	6	7	cb	16.0	10	76	6
Lower Egypt	62339	DAMANHUR	310	19	7	02	5	7	Ac	20.1	10	76	6
	62342	MANSURA	340	9	15	03	5	8	cb	19.8	9	71	4
	62348	TANTA	360	27	15	02	2	7	St	20.8	11	51	1
	62354	ZAGAZIG	220	5	7	02	2	8	Ac	20.4	12	55	3
	62441	ISMAÎLÎA	290	9	3	03	2	8	As	19.6	11	51	1
Cairo Area	62366	FAROUK (Airport)	300	21	30	03	2	8	St	21.0	11	67	5
	62372	ALMÂZA	290	23	15	03	2	8	As	21.0	10	62	3
		EZBEKÎYA	320	12	7	51	2	8	Fs,E	21.2	11	51	1
		GÎZA	320	12	7	51	2	8	Fs	21.4	11	51	1
	62378	HELWÂN	00	0	15	02	5	7	cb	21.5	10	62	3
Upper Egypt	62381	FAIYÛM	330	12	35	09	6	8	Fs,E	22.8	10	76	6
	62387	MINYA	350	19	10	02	2	7	Cu,Sc	22.9	14	29	-4
	62393	ASYÛT MANQABÂD	320	19	18	03	2	7	Sc	22.6	13	29	-5
	62399	NAG' HAMMÂDI	340	5	35	02	0	6	Sc	22.3	14	36	-1
	62402	QENA	290	13	50	02	1	3	Ci	21.8	15	39	1
	62405	LUXOR	340	16	30	03	1	4	Cu		14	32	-1
	62414	ASWÂN	340	7	50	00	0	0	—	21.8	15	39	1
Oases	62417	SÎWA	270	11	14	03	2	8	Sc	27.5	14	48	3
	62420	BAHARÎYA	340	8	35	03	2	6	Ac	24.0	13	44	1
	62423	FARAFRA											
	62432	DAKHLA	320	9	50	00	0	3	St,Cu	23.9	13	44	1
	62435	KHARGA	340	5	35	02	0	0	—	23.8	15	30	-3
Red Sea	62450	SUEZ	310	9	35	03	2	8	Cu	20.0	10	62	3
	62459	TÛR											
	62462	HURGHADA	280	19		02	2	5	Cu	19.4	14	48	3
	62465	QUSEIR	360	13	15	02	0	0	—	19.6	15	39	1
	62641	PORT SUDAN	50	17	30	02	1	1	Cu	15.7	23	41	9
North Sudan	62600	WÂDI HALFA	10	21	7	07	3	0	—	22.0	16	28	-3
	62640	ABU HAMAD	50	19	10	07	0	0	—	17.1			-3
	62660	KAREIMA	360	16	4	07	3	0	—	18.9	19	26	-1
	62680	'ATBARA	340	19	0.5	34	3	9		15.4	23	16	-4
	62721	KHARTUM	360	14	7	07	0	0	—	15.2	23	20	-1
	62780	KASSALA	360	5	30	02	1	5		10.0	29	37	13
Central Sudan	62751	WÂD MEDANI	50	13	35	00	0	0	—	12.6	27	33	9
	62801	RENK	50	9	50	00	0	0	—	11.5	27	23	4
	62802	ROSEIRES	340	9	35	00	0	0	—		29	25	7
	62771	EL OBEID	20	17	30	00	0	0	—	15.1	22	12	-9
	62760	EL FÂSHER											
	62770	GENEINA	50	16	10	00	0	0	—	—	22	12	-9
S. Sudan	62840	MALAKÂL	360	22	30	02	2	7	Ci	8.7	30	5	-13
	62880	WÂU											
	62941	JUBA	360	9	10	03	0	3	Ci	5.5	34	15	4

At 1800 on Tuesday 8th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALUM	320	4	7	02	9	8	Fs,Ac	27.0	9	71	4	3
SÎDI BARÂNI	340	11	35	02	2	8	Sc,Cu	26.7	10	62	3	0
MATRÛH	30	19	12	02	2	8	cb	25.5	8	65	2	1
EL DABA	320	33		03	6	6	Cu				8	1
ALEXANDRIA	330	16	7	03	6	8	cb	25.2	9	95	9	2
FOUAD (Airport)	330	19	14	03	8	8	Cu,Sc	24.7	9	67	3	7
DAMIETTA	360	10		20	5	7	Cu,Sc	23.3	9	71	4	dr
PORT SA'ID	360	22	12	25	8	8	Cu,Sc	22.0	9	94	6	2
EL 'ARISH	320	30	7	25	6	8	cb	21.0	9	62	2	6
DAMANHUR	310	5	7	03	2	8	As	24.0	8	88	6	dr
MANSURA	320	5	3	03	5	8	cb	23.9	8	71	3	dr
TANTA	00	0	15	02	2	8	St	24.6	8	71	3	0
ZAGAZIG	00	0	3	02	2	8	Ac	24.2	7	71	2	0
ISMAÎLÎA	270	5	3	03	2	8	Ac	23.4	8	71	3	0
FAROUK (Airport)	290	16	12	02	2	8	St	24.3	8	71	3	dr
ALMÂZA	290	9	14	02	2	8	Sc	24.5	8	71	3	0
EZBEKÎYA	320	4	15	02	2	8	Sc	24.6	9	62	2	dr
GÎZA	320	4	15	02	2	8	Sc	24.4	8	71	3	0.2
HELWÂN	320	5	15	02	2	8	Sc	25.0	8	58	0	dr
FAIYÛM	330	4	35	03	5	8	St	25.2	8	88	6	1
MINYA	360	8	10	03	2	7	Sc	25.3	10	44	-2	0
ASYÛT MANQABÂD												
NAG' HAMMÂDI	290	4	15	02	0	7	Sc	24.2	12	44	0	0
QENA	240	13	7	03	2	7	Ac	24.0	12	44	0	0
LUXOR	320	4	12	03	1	7	Ac	23.9	11	51	1	0
ASWÂN	360	10	50	00	0	0	—	24.0	13	34	-8	0
SÎWA	270	8	7	00	0	0	—	27.4	8	71	3	0
BAHARÎYA	340	4	35	02	2	6	Ac	26.2	9	62	2	0
FARAFRA	310	5	7	02	2	8	As	27.1	11	41	-2	0
DAKHLA	320	3	35	00	0	0	—	26.0	9	47	-2	0
KHARGA	00	0	7	00	0	0	—	25.1	10	50	4	0
SUEZ	310	5	7	01	0	6	Cu	22.8	9	62	2	0.5
TÛR												
HURGHADA	270	13	50	03	2	7	Sc,Ac	21.4	12	51	2	0
QUSEIR	270	24	15	02	0	0	—	21.6	13	34	-3	0
PORT SUDAN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Wednesday 9th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	270	13	7	01	5	3	Fs,Ac	27.9		8	11		4		71	3	3	13	
SÎDI BARÂNI	360	12	50	01	5	6	Sc,Cu	27.6		10	11		6		76	6	1	234	
MATRÛH											11							177	
EL DABA	320	20		03	5	6	Cu	25.2		11			6		88	9	2	135	
ALEXANDRIA	20	16	50	03	5	8	cb	24.3	+8.5	9	10	-9	7	-4	71	4	2	240	153
FOUAD (Airport)	310	24	15	02	8	8	Cu,Sc	25.3		11	11		8		63	4	7	239	118
DAMIETTA	320	9		02	2	7	Cu,Sc	25.0	+8.2	8	10		4		76	6	5	223	76
PORT SA'ID	270	7	14	02	2	8	Cu,Sc	24.6		8	12		7		76	4	2	46	
EL 'ARISH	230	9	15	62	6	8	cb	25.0	+7.5	6	10	-10	5	-3	95	6	10	66	59
DAMANHUR	310	5	7	02	6	8	Ac	26.3	+9.3	8	12	-8	7	-1	88	6	0.4	85	68
MANSURA	270	5	15	03	2	8	cb	25.5	+8.6	7	11	-9	6	-1	87	5	dr	36	33
TANTA	00	0	15	02	2	8	St	26.2	+8.8	7	11	-10	5	-2	87	5	0	23	26
ZAGAZIG	220	2	3	02	2	8	Cu	26.8	+9.0	7	12	-8	6	0	81	4	0	13	17
ISMAÎLÎA	270	5	3	00	2	8	As	25.9		8	11		7		71	3	0	10	
FAROUK (Airport)	260	7				8	Sc	26.6		8	11		6		62	1	dr	3	
ALMÂZA	230	3	13	02	2	8	Sc	26.7	+8.9	8	11		6		71	3	0	4	
EZBEKÎYA	00	0	15	02	2	8	Sc	26.6	+8.8	8	12	-9	7	-1	71	3	dr	8	16
GÎZA	00	0	15	02	2	8	Sc	26.2	+8.6	8	12	-8	6	0	76	4	0.2	14	16
HELWÂN	00	0	15	02	2	8	Sc	27.0	+8.6	7	10	-9	6	-3	71	2	dr	15	17
FAIYÛM	330	4	35	02	2	8	Fs,Fc	27.1	+9.2	8	13	-9	6	-1	88	6	1	4	5
MINYA	00	0	10	10	2	6	Ac	28.1		7	14		3		43	-5	0	4	
ASYÛT MANQABÂD	310	7	30	00	0	8	Fs,Fc	27.4		7	14		4		71	2	0	0	
NAG' HAMMÂDI	360	3	35	00	0	0	—	27.5		8	15		2		58	0	0	0	
QENA	290	9	15	00	0	0	—	27.0	+9.4	9	16	-8	4	-3	54	-2	0	dr	
LUXOR	340	3	30	00	0	0		26.7		9	16		3		62	2	0	dr	
ASWÂN	360	10	15	00	0	0	—	27.0	+8.9	8	17	-8	5	-6	58	0	0	dr	
SÎWA	270	5	15	03	2	8		30.3	+10.7	7	14	-7	4	-1	71	2	0	0	6
BAHARÎYA	320	5	35	02	2	8		28.4	+9.8	8	14	-8	7	+1	58	0	0	dr	6
FARAFRA	310	4	35	02	2	7	As	29.6		9	13		5		62	2	0	dr	
DAKHLA	320	5	35	00	0	2	St,As	27.9	+8.7	9	14	-9	3	-3	62	2	0	dr	
KHARGA	00	0	35	00	0	0	—	28.0	+9.6	10	15	-9	6	-1	50	0	0	0	
SUEZ	310	3	15	00	0	8	Sc	25.0	+7.6	9	11	-9	6	-4	62	2	0	12	11
TÛR																		0	10
HURGHADA	280	10		02	2	7	Sc	24.6		10	16		8		50	0	0	dr	
QUSEIR	270	13	15	00	0	2	Ac	24.0	+7.8	10	18	-5	8	-6	50	0	0	0	4
PORT SUDAN	340	16	10	06	0	0	—	19.9		17	25		14		37	2	0	34	91
WÂDI HALFA	10	6	30	00	0	0	—	27.1		5	17		3		57	-3	0	6	
ABU HAMAD	50	13	30	00	0	0	—	23.7		3	21		5		40	-5	0	0	
KAREIMA	20	10	50	00	0	0	—	24.9		8	21		6		46	-3	0	3	1
'ATBARA	340	17		07	0	0	—	21.7		10	23		8		30	-7	0	7	2
KHARTUM																		10	4
KASSALA	340	5	30	00	1	0		18.2		14	30		11		63	7	0	2	8
WÂD MEDANI																		11	12
RENK	50	13	50	00	0	0	—	—		18	28		13		37	3	0	0	49
ROSEIRES	360	19	35	00	0	0	—	-		17	30		14		46	5	0	2	36
EL OBEID	360	12	18	00	0	0	—	21.7		11	24		9		38	-3	0	0	16
EL FÂSHER	20	4	14	00	0	0	—	-		9	23		7		40	-4	0	0	6
GENEINA	50	21	10	00	0	2	Ci	-		11	25		11		35	-4	0	0	4
MALAKÂL	20	20	7	07	0	0	—	15.5		18	31		17		24	-3	0	69	88
WÂU	00	0	30	00	0	0	—	16.3		16	33		15		26	-4	0	261	146
JUBA	310	5	10	03	1	4	Ci	13.8		21	35		16		23	-1	0	129	149

HUMIDITY % Mean of day

Station	on 8th	Diff. from normal
Alexandria	54	-11
Ezbekiya	65	+2
Giza	69	+1
Helwân	72	+19

GIZA GRASS MINIMUM TEMP. ON 9th 3.8 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — Farouk AIRPORT — On 9th At 4

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	200	6	71	240	4
950					
900					
850	1506	-4		330	29
800					
700	3016	-6		330	45
600					
500	5581	-21		320	67
400		-31			
300	7162	-45			

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

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

UPPER WIND OBSERVATIONS on 8th

Station	Minya																									
Time	15																									
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	360	26																								
600	330	34																								
1000	320	27																								
1500																										
2000																										
3000																										
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 9th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'id		El 'Arîsh		Helwân		Minya		Asyût Manqabad		Luxor		Aswân		Hurghada		Qena	
Time	5				5		5				6 30		3						5		9		10 15	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	330	11			330	14	270	15			140	2	360	14					350	11	320	15	250	6
600	330	10			330	21	290	13			320	10	360	16					350	25	320	13	250	7
1000	330	12			330	33	300	12			330	17	350	18					350	26	330	16	290	10
1500	340	24			320	27	310	27			330	23	340	17					350	36			190	15
2000							320	16			330	27												
3000											Ent	Se												
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	5		5		5		6 15												4 30		4 30			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	320	16	320	25	360	20	310	20																
600	330	16	330	27	360	20	300	22																
1000	340	16	340	23	350	20	360	23											10	30	360	11		
1500	340	16	350	29	350	27													10	27	30	16		
2000	350	21	350	29															60	11				
3000																					320	15		
4000																								
5000																								
6000																								
7000																								
8000																								

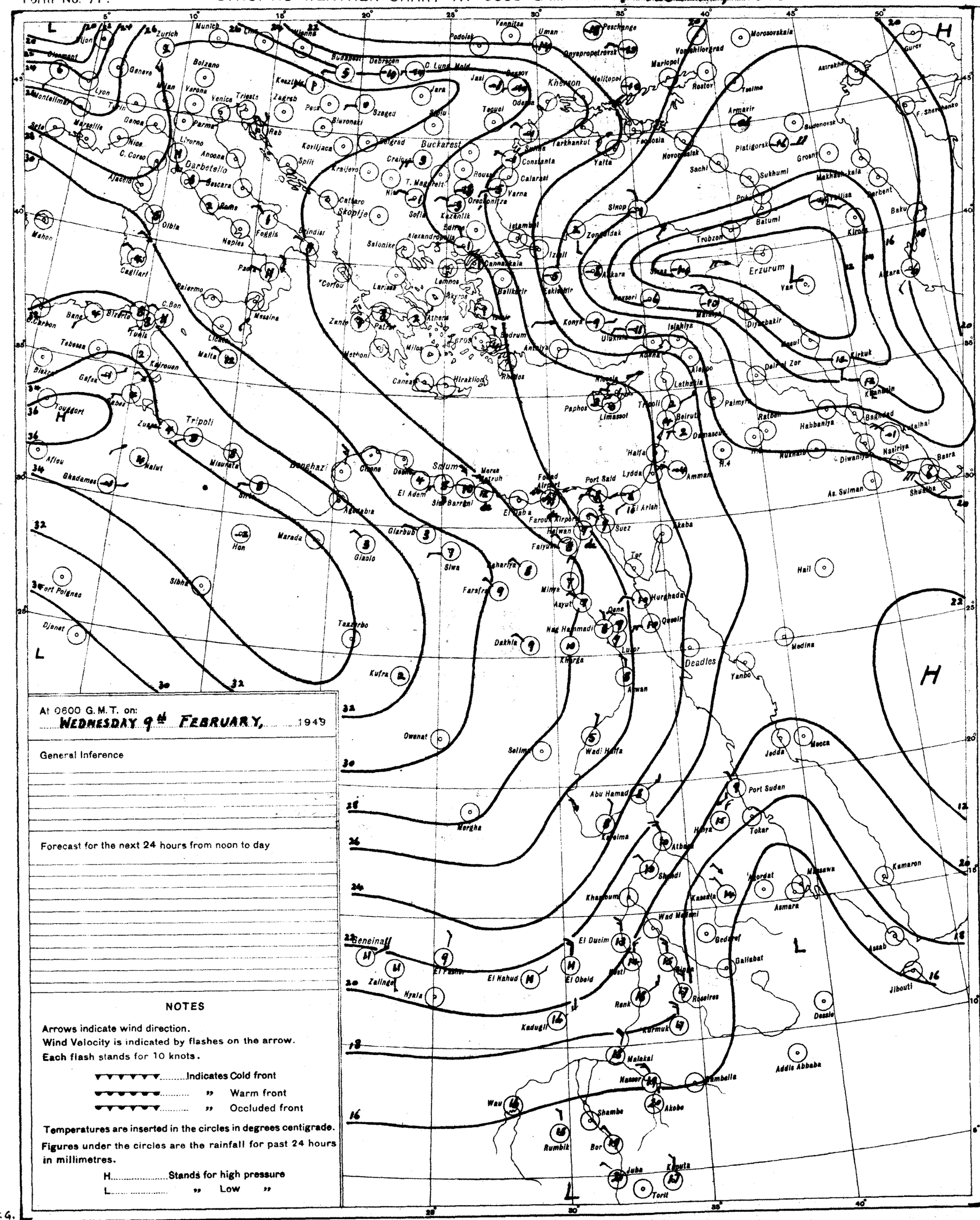
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times - G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 9th FEBRUARY, 1949


Zurich
Munich
Vienna
Budapest
Debrecen
Podolsk
Venpitsa
Uman
Peschange
Dnyepropetrovsk
Voroshilovgrad
Mariopol
Rostov
Taganrog
Morozovskaia
Astrakhan
Gurev
Kherson
Odessa
Jasi
Jara
Tecuci
Braila
Constanta
Calarasi
Yarna
Varna
Tarkhankut
Yalta
Feodosia
Armavir
Sudenovsk
Platigorsk
Grozny
Sukhumi
Makhachkala
Derbent
Baku
Batumi
Trabzon
Sinop
Zonguldak
Erzurum
Van
Kirovabad
Akhara
Ankara
Kayseri
Mersin
Diyarbakir
Mosul
Kirkuk
Dair el Zor
Aleppo
Latakia
Palmyra
Ratbah
Khanaqin
Baghdad
Habbaniya
Nasiriya
Basra
Shuaiba
As Sulman
Diwaniyah
Nukhaila
Beirut
Damascus
Tripoli
Nicosia
Paphos
Limassol
Haifa
Lydda
Amman
Port Said
El Arish
Suez
Aqaba
Tor
Hurghada
Qena
Quseir
Luxor
Aswan
Deadlos
Yanbo
Medina
Jedda
Mecca
Port Sudan
Tokar
Kamaron
Massawa
Asmara
Jibouti
Assab
Dessie
Addis Ababa
Gallabat
Gedaref
Roseires
Kassala
Khartoum
Wad Medani
Shendi
Atbara
Abu Hamad
Kareima
Wadi Halfa
Merga
Selima
Owenat
Kufra
Tazerbo
Djanet
Dakhla
Kharga
Nag Hammadi
Faiyum
Farafra
Siwa
Marada
Giado
Hon
Sibha
Fort Polignac
Tripoli
Misurata
Nalut
Ghadames
Benghazi
Agedabia
Cirene
Derna
El Adem
Sidi Barrani
Marsa Matruh
Sollum
Fouad Airport
El Qaba
Farouk Airport
Helwan
Malta
Lampedusa
Pantelleria
Tunis
Bizerta
Bona
Tebessa
Kairouan
Gafsa
Biskra
Touggourt
Algiers
Oran
Tangier
Rabat
Casablanca
Fez
Tlemcen
Marseille
Nice
Genoa
Milan
Turin
Lyon
Geneva
Montelimar
Bordeaux
Clermont
Brest
Cagliari
Palermo
Messina
Naples
Foggia
Brindisi
Bari
Rome
Pisa
Livorno
Ancona
Parma
Venice
Trieste
Bolzano
Verona
Zagreb
Pecs
Szeged
Bucharest
Craiova
Ploesti
Galati
Kavalla
Salonika
Athens
Larissa
Lemnos
Skyros
Corfou
Zante
Patras
Milos
Crete
Candia
Hiraklion
Rhodes
Bodrum
Antalya
Adana
Nicosia
Sofia
Skopje
Belgrad
Split
Kraljevo
Kovilljaca
Sarajevo
Cattaro
Bescara
Ajaccio
Marseille
Nice
C. Corso
Mahon
Cagliari
Palermo
Messina
Malta
Tunis
Bizerta
Bona
Tebessa
Kairouan
Gafsa
Biskra
Touggourt
Algiers
Oran
Tangier
Rabat
Casablanca
Fez
Tlemcen
Aflou
Ghadames
Nalut
Misurata
Tripoli
Benghazi
Agedabia
Marada
Giado
Hon
Sibha
Fort Polignac
Djanet
Tazerbo
Kufra
Owenat
Selima
Merga
Dakhla
Kharga
Nag Hammadi
Luxor
Aswan
Wadi Halfa
Abu Hamad
Kareima
Atbara
Shendi
Khartoum
Wad Medani
Kassala
Gedaref
Gallabat
Asmara
Massawa
Kamaron
Assab
Jibouti
Dessie
Addis Ababa
Gambella
Akobo
Malakal
Nasser
Rank
Roseires
El Duein
El Obeid
El Fasher
El Nahud
Geneina
Zalingei
Nyala
Kadugli
Kurmuk
Wau
Shambe
Bor
Rumbik
Juba
Kisumu
Torit
Nairobi
Mombasa
Dar es Salaam
Tanga
Zanzibar
Lindi
Mtwara
Tabora
Mwanza
Kigoma
Dodoma
Iringa
Tanga
Tabora
Mbeya
Tunduma
Kitunda
Mpanda
Kasama
Ndola
Lusaka
Kitwe
Mongu
Livingstone
Bulawayo
Salisbury
Umtali
Beira
Tete
Blantyre
Zomba
Lilongwe
Fort Jameson
Fort Rosebery
Fort Jameson
Mazabuka
Gwelo
Bulawayo
Salisbury
Umtali
Beira
Tete
Blantyre
Zomba
Lilongwe
Fort Jameson
Fort Rosebery

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

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

Form No 7 F.

DAILY WEATHER REPORT

Date: THURSDAY 10th FEBRUARY, 1949

At 1200 on WEDNESDAY 9th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	220	8	7	03	1	6	C.Sc	27.4	15	59	7
	62303	SIDI BARANI	270	12	50	02	6	7	Sc.C	27.1	14	55	5
	62306	MATRUH											
	62309	EL DABA	340	36?		03	2	7	C	26.5	12	77	8
		ALEXANDRIA	330	15	50	01	5	4	Cb	26.7	12	55	3
	62318	FOUAD (Airport)	320	10	15	03	2	4	Sc	26.2	13	55	4
	62330	DAMIETTA	290	9	7	60	6	8	C.Sc	25.0	10	88	8
	62333	PORT SA'ID	280	15	15	02	2	7	C.Sc	24.8	10	76	6
	62336	EL 'ARISH	220	5	15	02	2	7	Cb	24.4	10	76	6
Lower Egypt	62339	DAMANHUR	360	9	15	01	6	4	C	26.4	12	77	8
	62342	MANSURA	340	5	35	03	2	6	Cb	25.6	12	63	5
	62348	TANTA	310	13	35	01	1	5	C	25.6	14	48	3
	62354	ZAGAZIG	220	2	7	02	2	8	C	26.0	13	67	7
	62441	ISMAILIA	290	5	3	03	2	8	As	25.4	13	44	1
Cairo Area	62366	FAROUK (Airport)											
	62372	ALMAZA											
		EZBEKIYA	320	5	15	02	2	7	C	26.4	12	55	3
		GIZA	320	5	15	02	2	7	C	26.3	13	48	2
	62378	HELWAN	320	9	50	02	2	7	Cb	26.3	12	44	0
Upper Egypt	62381	FAIYUM	330	4	35	02	2	8	Fc.Fc	27.2	13	55	4
	62387	MINYA	350	13	12	02	2	7	Sc	25.9	14	32	-3
	62393	ASYUT	320	13	30	01	1	6	C.Sc	27.3	14	34	-2
	62399	NAG' HAMMADI	340	6	35	00	0	2	As	24.7	15	30	-3
	62402	QENA	290	9	50	00	0	0	-	24.2	16	39	2
	62405	LUXOR	20	15	30	01	1	1	C	24.0	14	45	2
	62414	ASWAN	340	10	50	00	0	0	-	23.8	14	45	2
Oases	62417	SIWA	340	5	15	00	0	0	-	29.8	15	59	7
	62420	BAHARIYA	320	3	35	02	2	8	Ac	27.6	13	44	1
	62423	FARAFRA											
	62432	DAKHLA	320	11	50	00	0	0	-	26.6	13	34	-3
	62435	KHARGA	20	4	35	01	1	3	C	26.4	14	34	-2
Red Sea	62450	SUEZ	310	5	35	02	2	8	Sc	24.3	13	44	1
	62459	TOR											
	62462	HURGHADA	320	17		01	2	3	C	23.8	13		
	62465	QUSEIR	20	13	15	02	0	0	-	23.9	15	39	1
	62641	PORT SUDAN	40	22	4	07	0	1	C	18.4	22	38	7
North Sudan	62600	WADI HALFA	340	32	10	07	0	0	-	24.2	15	34	-1
	62640	ABU HAMAD	20	19	30	00	0	0	-	20.1	18	30	0
	62660	KAREIMA	20	16	30	00	0	0	-	21.8	17	19	-7
	62680	ATBARA	340	13	2	07	0	0	-	17.8	20	16	-7
	62721	KHARTUM	350	15	10	06	0	0	-	17.6	21	14	-8
	62730	KASSALA	340	9	30	00	0	0	-	12.2	27	33	9
Central Sudan	62751	WAD MEDANI	270	13	35	00	0	0	-	14.8	24	13	-7
	62801	RENK	50	13	50	00	0	0	-	12.9	27	23	4
	62802	ROSEIRES											
	62771	EL OBEID	20	13	30	00	0	0	-	16.4	21	17	-5
	62760	EL FASHER	20	13	30	00	0	2	Ci		21	25	0
	62770	GENEINA											
S. Sudan	62840	MALAKAL	20	20	10	06	0	0	-	10.5	28	10	-6
	62880	WAU	50	9	10	00	0	0	-	11.9	29	12	-3
	62941	JUBA	340	5	4	04	0	0	-	8.0	31	16	2

At 1800 on WEDNESDAY 9th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	250	5	7	01	6	6	-	27.4	11	88	9	2
SIDI BARANI	250	4	35	01	1	0	-	26.2	10	88	8	1
MATRUH	320	13	12	02	1	5	Cb	26.9	11	77	7	0
EL DABA	340	15		01	1	4	C		11	77	7	4
ALEXANDRIA	360	9	7	01	5	4	Cb	28.1	11	44	-2	dr
FOUAD (Airport)	310	16	12	03	1	3	Sc	27.1	11	51	1	0
DAMIETTA	290	5		50	6	8	Cu,Cb	24.3	10	88	8	8
PORT SA'ID	250	5	15	01	2	6	C.Sc	25.6	10	63	4	0
EL 'ARISH			7	51	5	8	Cb	25.5	9	88	7	R
DAMANHUR	360	5	3	05	2	7	C	25.4	10	94	9	1
MANSURA	340	5	3	03	2	8	Cb	22.0	9	71	4	0
TANTA	220	2	35	03	2	6	Cb	27.2	8	71	3	0
ZAGAZIG			3	02	2	8	Ac	27.1	9	88	7	0
ISMAILIA	20	2	7	03	2	6	As	26.2	9	71	4	0
FAROUK (Airport)												
ALMAZA												
EZBEKIYA	320	2	15	00	2	0	-	27.5	9	62	2	dr
GIZA	320	2	15	00	2	0	-	27.6	8	66	2	0.1
HELWAN	320	8	35	01	0	1	Sc	27.4	10	50	0	dr
FAIYUM	330	2	35	01	2	6	Fs.Fc	27.8	10	76	6	0
MINYA	10	2	8	03	2	6	Ac	27.1	9	47	-2	0
ASYUT												
NAG' HAMMADI	320	2		00	0	0	-	26.4	9	62	2	0
QENA	290	9	7	00	0	0	-	25.8	11	41	-2	0
LUXOR	340	3	15	00	0	0	-	25.3	10	50	0	0
ASWAN	360	10	50	00	0	0	-	25.2	11	41	-2	0
SIWA	00	0	7	00	0	0	-	29.0	12	77	8	0
BAHARIYA	360	2	35	01	2	3	Ac	28.0	10	62	3	0
FARAFRA												
DAKHLA	320	8	35	00	0	0	-	27.9	10	38	-4	0
KHARGA	00	0	15	00	0	0	-	27.9	11	41	-2	0
SUEZ	360	2	7	01	0	3	C	25.8	11	63	4	0
TOR												
HURGHADA	310	4		00	1	0	-	24.8	13	63	6	0
QUSEIR	330	13	15	02	0	0	-	24.4	14	36	-1	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 10th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	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	220	16	7	02	0	0	-	27.1		10	16		5		76	6	2		
SIDI BARANI	220	11	50	03	1	3	Sc	26.7		8	14		6		88	6	1	235	
MATRUH	230	14	12	02	0	1	C	26.7		9	14		7		88	7	0		
EL DABA	270	19		01	1	3	Cu	26.7		11	15		5		88	9	7	142	
ALEXANDRIA	220	10	50	01	2	4	C.Sc	26.4	+8.8	11	13	-6	8	-3	77	7	dr	240	154
FOUAD (Airport)	230	7	18	03	1	3	C.Ac	26.2		9	13		6		94	8	0	239	119
DAMIETTA	200	5		01	5	1	Cu	26.3	+9.6	12	11		3		59	4	13	236	77
PORT SA'ID	200	5	11	25	1	1	Cu	25.8		8	12		7		88	6	0.3	47	
EL 'ARISH	220	5	35	01	1	7	Sc.Cu	26.2	+8.8	9	11	-9	6	-2	88	7	R		59
DAMANHUR	270	5	7	02	2	7	Cu	26.8	+9.9	8	13	-7	4	-4	88	6	1	86	69
MANSURA	220	5	35	00	1	0	-	26.8	+9.9	7	14	-6	3	-4	71	2	0	36	34
TANTA	220	2	35	01	1	2	Cu	27.0	+9.6	6	14	-7	2	-5	87	4	0	23	27
ZAGAZIG	220	2	7	00	1	0	-	27.6	+9.9	4	14	-6	3	-4	95	4	0	13	17
ISMAILIA	270	5	3	01	0	2	Sc	27.2		8	14		5		71	3	0	10	
FAROUK (Airport)																	0	3	
ALMAZA																	0	4	
EZBEKIYA	140	5	15	00	0	0	-	28.0	+10.3	7	13	-8	5	-3	71	2	dr	8	16
GIZA	140	5	15	00	0	0	-	27.8	+10.2	10	13	-7	4	-2	67	4	0.1	14	17
HELWAN	120	2	7	00	0	2	Ci	28.7	+10.4	7	12	-7	4	-5	81	4	dr	15	17
FAIYUM	00	0	15	01	0	0	-	30.2	+12.4	6	14	-8	3	-4	87	4	0	4	5
MINYA	320	3	6	10	0	6	Ac	28.4		5	15		1		75	1	dr	4	
ASYUT	340	5	18	00	0	0	-	29.0		6	15		4		87	4	0	0	
NAG' HAMMADI	320	1		00	0	0	-	28.2	+10.4	9	16		1		62	2	0	0	
QENA	240	5	15	00	0	0	-	28.0	+10.4	8	17	-7	2	-6	71	3	0	dr	
LUXOR	00	0	30	00	0	0	-	27.4		6	15		0		66	0	0	dr	
ASWAN	360	2	50	00	0	0	-	27.0	+9.0	8	16	-9	5	-6	62	1	0	dr	
SIWA	00	0	15	00	0	0	-	29.0	+9.5	6	16	-5	5	0	71	1	0	0	6
BAHARIYA	00	0	35	02	0	0	-	29.5	+11.0	6	14	-8	1	-5	71	1	0	dr	6
FARAFRA																		dr	
DAKHLA	00	0	35	00	0	0	-	29.1	+9.9	6	15	-8	0	-6	57	-2	0	dr	
KHARGA	360	2	35	00	0	0	-	28.4	+10.1	9	15	-9	4	-3	71	4	0	0	
SUEZ	360	2	35	00	0	0	-	26.8	+9.5	7	15	-6	3	-7	67	5	0	12	11
TOR																		0	10
HURGHADA	280	11		02	2	7	Sc	25.5		12	14		7		44	0	0	dr	
QUSEIR	270	13	15	02	0	2	Ac	25.2	+9.0	13	16	-7	10	-4	44	1	0	0	4
PORT SUDAN	330	13	6	03	1	3	C,Ci	20.6		19	24		14		37	4	0	34	91
WADI HALFA	20	11	30	00	0	1	Ac	26.8		7	17		4		49	-3	0	6	
ABU HAMAD	20	19	30	00	0	1	Ci	23.2		8	19		6		62	1	0	0	
KAREIMA	20	13	30	01	0	3	Ci	24.9		9	19		6		44	-3	0	3	1
ATBARA	360	13	10	03	1	4	Ci	22.2		10	21		8		38	-4	0	7	2
KHARTUM	340	15	10	03	0	6	C.Sc	21.6		10	17		9		47	-1	0	10	4
KASSALA	360	2	30	00	0	0	-	17.5		15	28		9		59	7	0	2	8
WAD MEDANI	360	9	50	00	0	0	-	20.7		12	25		8		26	-7	0	11	12
RENK	50	13	50	00	0	0	-	19.8		17	28		11		37	2	0	0	49
ROSEIRES	360	9	35	00	0	0	-			15			14		42	2	0	2	36
EL OBEID	10	13	30	00	0	0	-	21.9		10				-3		0	0	16	
EL FASHER	10	9	30	00	0	1	Ci,Cs			9	23		6		76	5	0	0	6
GENEINA	50	19	10	00	0	1	Ci			10	23		9		30	-7	0		4
MALAKAL	20	22	10	06	0	0	-	17.2		16	29		14		19	-8	0	69	88
WAU	00	00	10	00	0	0	-	17.2		16	31		15		28	-3	0	261	146
JUBA	340	9	4	03	1	2	Ac	14.9		22	32		15		21	-1	0	129	150

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

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

Remarks

RAWINSONDE

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

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

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

UPPER WIND OBSERVATIONS on 9th

Height m.	Fouad A.P. Dir.	Vel.	Port Said Dir.	Vel.	Minya Dir.	Vel.
300	340	12	310	13	360	20
600	340	14	290	8	350	14
1000	330	17			350	17
1500					330	16
2000					340	26
3000						
4000						
5000						
6000						
7000						
8000						

UPPER WIND OBSERVATIONS on 10th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada	
Time	3				3		4				8 30		3								10	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	230	27			240	11	270	8			150	8	350	16							330	13
600	300	26			240	12	300	9			270	6	350	22							330	26
1000					230	15	310	15			330	13	340	19							340	23
1500					230	20	320	19			340	25	350	26							320	32
2000					210	26					340	33	350	30							350	25
3000											330	24										
4000											330	32										
5000																						
6000																						
7000																						
8000																						

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	5		5		5		6 15		5				4 30		4		4				4 45		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	320	11	350	3	340	9	20	10	10	18														
600	320	12	350	10	360	14	20	18	10	32			20	36	350	15	10	7					10	23
1000	330	11	340	16	350	24	10	21	10	30			30	40	360	15	10	11	10	30	40	14	20	36
1500	330	16	340	24	360	30			360	19			10	21	350	17	350	11	10	25	50	9	50	44
2000	320	14	350	28	10	35							350	25	340	12	340	10	60	10				
3000	340	24	350	35									330	22	320	10								
4000	350	21																						
5000																								
6000																								
7000																								
8000																								

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

HUMIDITY % Mean of day

Station	On 9th	Diff. from normal
Alexandria	54	-11
Ezbekiya	62	-1
Giza	65	-3
Helwan	63	+10

GIZA GRASS MINIMUM TEMP. ON 10th -1.5 °C.

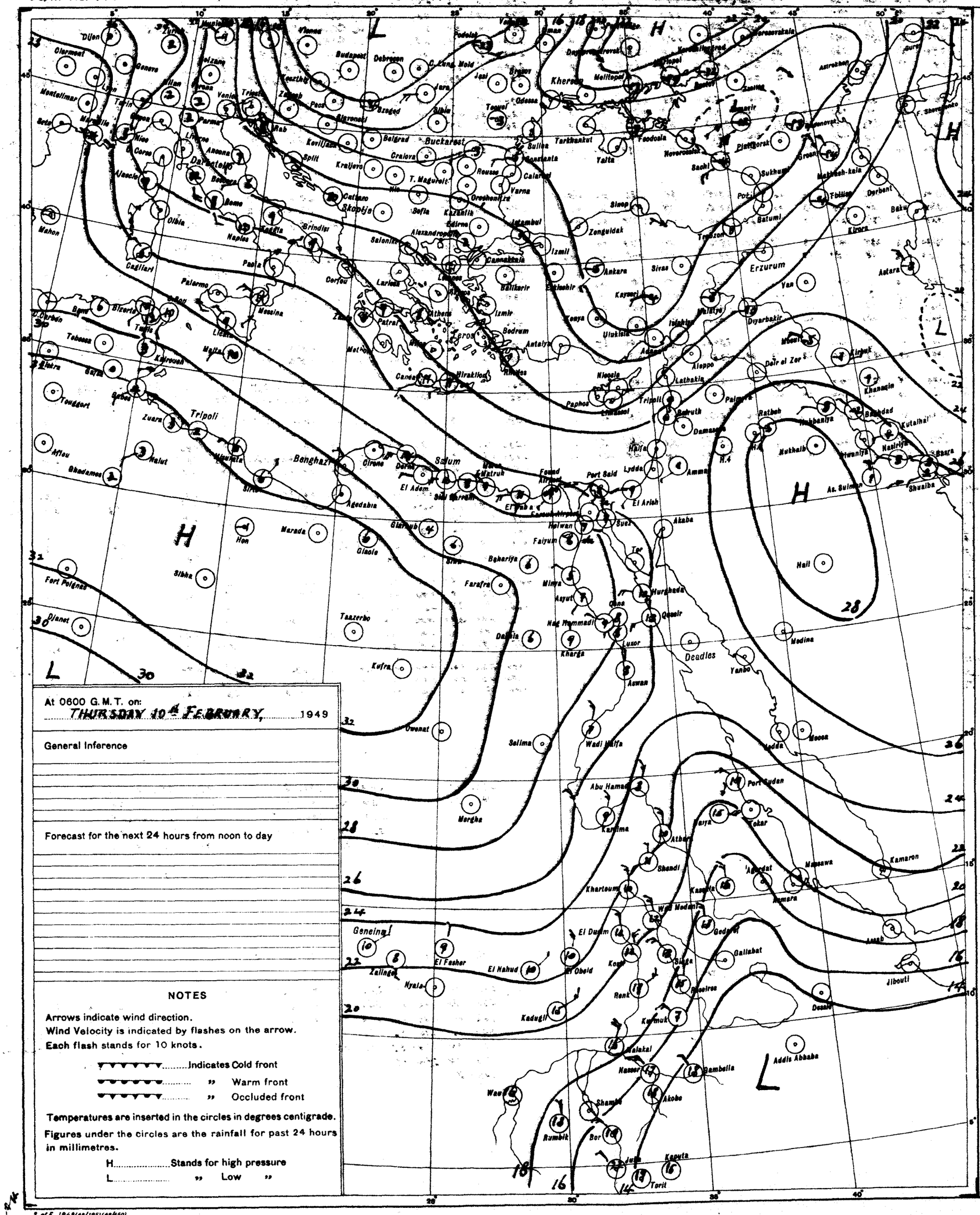
Remarks

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 10th FEBRUARY, 1949


Dijon
Clermont
Geneva
Montelimar
Lyon
Turin
Milan
Marseille
Nice
Genoa
Parma
Livorno
Ancona
Corsica
Ajaccio
Dar Pontelio
Bologna
Rome
Olbia
Mahon
Cagliari
Naples
Foggia
Brindisi
Palermo
Messina
Bizerta
Tunis
Tebessa
Kairouan
Gafsa
Tougourt
Tripoli
Zuara
Nalut
Ghadames
Benghazi
Cirene
Derna
Salum
El Adem
Agedabia
Marada
Hon
Sirte
Sibha
Fort Polignac
Djanet
Taazerbo
Kufra
Owenat
Salima
Wadi Halfa
Abu Hamad
Mergha
Kandima
Atbara
Port Sudan
Tokar
Shendi
Khartoum
Kassala
Massawa
Asmara
Kamaron
Geneina
Zalinge
Nyala
El Fasher
El Nahud
El Obeid
El Dueim
Kosti
Singa
Gedaref
Gallabat
Asab
Djibouti
Dessie
Renk
Fashoda
Kadugli
Kurmuk
Malakal
Nasser
Gambella
Akobo
Wau
Shambe
Rumbik
Bor
Juba
Kapoeta
Torit
Addis Abbaba
Buckarest
Belgrad
Budapest
Debrecen
Vienna
Kherson
Odessa
Sulina
Constanta
Tarkhankut
Yalta
Feodosia
Novorossiysk
Sochi
Sukhumi
Batumi
Poti
Tbilisi
Derbent
Baku
Kirovsk
Astrakhan
Erzurum
Van
Diyarbakir
Sivas
Ankara
Zonguldak
Sinop
Trabzon
Izmir
Bodrum
Antalya
Konya
Adana
Aleppo
Lattakia
Tripoli
Beirut
Damascus
Haifa
Lydda
Amman
Port Said
El Arish
Suez
Akaba
Tor
Hurghada
Qoseir
Luxor
Aswan
Kharga
Asyut
Minya
Faiyum
Bahariya
Farafra
Siwa
Kufra
Deadles
Yanbo
Medina
Jedda
Mecca
Hail
Mosul
Kirkuk
Khanaqin
Baghdad
Kutaibat
Basra
Shuaiba
Nasiriya
Diwaniya
Nukhaib
Rutbah
Palmyra
Deir el Zor
Nicosia
Paphos
Limassol
Iraklion
Canea
Athens
Patras
Corfu
Larissa
Salonika
Alexandropolis
Cannakkale
Balikesir
Eskisehir
Kayseri
Ulukisla
Malatya
Iskenderun
Van
Astara
Derbent
Baku
Kirovsk
Sochi
Novorossiysk
Sukhumi
Batumi
Poti
Tbilisi
Mahtesh-kala
Groznyy
Pyatigorsk
Astrakhan
Buzuluk
Kuybyshev
Saratov
Volgograd
Rostov
Kerch
Sevastopol
Simferopol
Melitopol
Dnepropetrovsk
Kremenchug
Kiev
Odessa
Tiraspol
Kishinev
Jassy
Bucharest
Craiova
Constanta
Varna
Burgas
Sofia
Skopje
Salonika
Belgrad
Zagreb
Split
Kraljevo
Nis
Sarajevo
Bihac
Rab
Pecs
Szeged
Debrecen
Budapest
Vienna
Graz
Innsbruck
Munich
Zurich
Geneva
Lyon
Dijon
Clermont
Montelimar
Marseille
Nice
Genoa
Milan
Turin
Venice
Trieste
Parma
Bologna
Ancona
Rome
Naples
Brindisi
Foggia
Palermo
Messina
Cagliari
Ajaccio
Corsica
Olbia
Mahon
Bizerta
Tunis
Tebessa
Kairouan
Gafsa
Tougourt
Tripoli
Zuara
Nalut
Ghadames
Benghazi
Cirene
Derna
Salum
El Adem
Agedabia
Marada
Hon
Sirte
Sibha
Fort Polignac
Djanet
Taazerbo
Kufra
Owenat
Salima
Wadi Halfa
Abu Hamad
Mergha
Kandima
Atbara
Port Sudan
Tokar
Shendi
Khartoum
Kassala
Massawa
Asmara
Kamaron
Geneina
Zalinge
Nyala
El Fasher
El Nahud
El Obeid
El Dueim
Kosti
Singa
Gedaref
Gallabat
Asab
Djibouti
Dessie
Renk
Fashoda
Kadugli
Kurmuk
Malakal
Nasser
Gambella
Akobo
Wau
Shambe
Rumbik
Bor
Juba
Kapoeta
Torit
Addis Abbaba
Hail
Mosul
Kirkuk
Khanaqin
Baghdad
Kutaibat
Basra
Shuaiba
Nasiriya
Diwaniya
Nukhaib
Rutbah
Palmyra
Deir el Zor
Aleppo
Lattakia
Damascus
Beirut
Haifa
Lydda
Amman
Port Said
El Arish
Suez
Akaba
Tor
Hurghada
Qoseir
Luxor
Aswan
Kharga
Asyut
Minya
Faiyum
Bahariya
Farafra
Siwa
Kufra
Deadles
Yanbo
Medina
Jedda
Mecca

CAIRO

Time of Sunrise 04 39 G. M. T.

" " Sunset 15 40 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: Friday 11th February, 1949

At 1200 on Thursday 10th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALÛM	270	12	7	03	1	5	Cu,Sc	25.1	17	52	7
	62303	SÎDI BARÂNI	290	15	50	03	1	6	Cu	24.6	16	68	10
	62306	MATRÛH											
	62309	EL DABA	270	20		02	1	2	Cu	23.6	16	59	8
		ALEXANDRIA	220	13	50	03	6	8	Cb	23.3	14	77	10
	62318	FOUAD (Airport)	230	16	5	81	8	7	Cu,Sc	23.2	14	88	12
	62330	DAMIETTA	200	13	7	03	2	8	Cu,Sc	23.1	14	67	8
	62333	PORT SAÏD	240	6	18	02	0	7	Cu,Sc	18.1	14	55	5
	62336	EL 'ARISH	270	5	35	01	0	2	Cu	17.4	14	55	5
Lower Egypt	62339	DAMANHUR	270	19	15	02	2	7	Cu	23.8	15	77	11
	62342	MANSURA	270	9	15	03	2	8	Fs,Fc	24.3	14	67	8
	62348	TANTA	220	13	15	03	2	8	St	24.4	14	67	8
	62354	ZAGAZIG	220	2	7	03	1	4	Cu	23.1	15	59	7
	62441	ISMAÏLIA	250	5	3	03	2	8	As	24.2	15	48	4
Cairo Area	62366	FAROUK (Airport)	260	16	30	03	1	7	Sc	24.6	15	39	1
	62372	ALMÂZA	220	14	20	01	1	7	Sc	24.7	15	48	4
		EZBEKÎYA	220	6	15	03	0	8	Sc	25.1	15	39	1
		GÎZA	220	6	15	03	0	8	Sc	24.7	16	45	4
	62378	HELWÂN	300	11	50	03	2	8	Cb	25.1	15	39	1
Upper Egypt	62381	FAIYÛM	200	5	35	03	1	4	St	25.5	17	42	4
	62387	MINYA	360	10	18	02	0	1	Cu	25.6	17	32	0
	62393	ASYÛT MANQABAD	360	13	30	00	0	0	-	25.3	16	50	-2
	62399	NAG' HAMMADI	360	4	35	00	0	0	-	23.1	19	23	-3
	62402	QENA	360	5	50	00	0	0	-	23.9	17	34	1
	62405	LUXOR	320	4	30	00	0	0	-	23.4	17	37	2
	62414	ASWÂN	340	8	50	00	0	0	-	23.5	16	36	1
Oases	62417	SÎWA	320	8	15	00	0	0	-	28.4	15	59	7
	62420	BAHARÎYA	270	3	35	02	1	1	Ac	25.8	18	37	3
	62423	FARAFRA											
	62432	DAKHLA	320	8	50	00	0	0	-	25.2	15	48	4
	62435	KHARGA	20	3	35	00	0	0	-	25.0	16	24	-5
Red Sea	62450	SUEZ	00	0	35	03	1	3	Cu	23.5	15	48	4
	62459	TÛR											
	62462	HURGHÂDA	330	18		01	2	1	Cu	23.1	14	67	8
	62465	QUSEIR	360	13	15	03	1	3	Ac	22.8	16	49	5
	62641	PORT SÛDÂN	40	23	7	01	1	3	Cu,Ci	17.0	23	41	9
North Sûdân	62600	WÂDI HALFA	20	22	10	07	1	7	Cs	22.7	17	19	-7
	62640	ABU HAMAD	20	9	30	02	0	1	Ci	19.4	20	26	0
	62660	KAREIMA	20	9	30	00	1	0	Cs	19.5	19	17	-7
	62680	'ATBARA	360	9	10	03	2	8	Cs	15.2	22	16	-5
	62721	KHARTÛM	20	15	10	05	1	7		15.9	23	15	-5
	62730	KASSALA											
Central Sûdân	62751	WÂD MEDANI											
	62801	RENK	50	9	50	00	0	0	—	10.2	25	16	-3
	62802	ROSEIRES	360	9	35	00	0	0	—		27	28	7
	62771	EL OBEID											
	62760	EL FÂSHER	20	5	30	01	1	3	Ac				-3
	62770	GENEINA	50	12	30	00	0	0	-		20	15	-8
S. Sûdân	62840	MALAKÂL	20	13	10	06	0	0	-	10.9	27	14	-3
	62880	WÂU	360	4	10	00	0	0	-	11.5	27	24	-4
	62941	JUBA	20	5	7	04	1	5	Ac	9.1	29	18	2

At 1800 on Thursday 10th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms.
SALÛM	320	4	7	01	0	0	-	24.4	13	77	9	0
SÎDI BARÂNI	320	9	35	03	2	7	Ac	24.8	14	67	8	0
MATRÛH												
EL DABA	270	16		01	1	3	Cu	23.5	14	55	5	0
ALEXANDRIA	310	9	7	02	5	6	St,Ac	23.9	14	77	10	R
FOUAD (Airport)	290	12	10	02	8	6	Cu,Sc	23.6	14	77	10	4
DAMIETTA	200	5		20	5	5	Cb	22.6	12	Fc	10	dr
PORT SAÏD	240	14	13	02	2	8	Cu,Sc	22.9	12	88	10	0
EL 'ARISH	220	2	7	03	2	8	Sc		12	62	5	0
DAMANHUR	310	5	7	02	6	7	Cu	24.3	12	88	10	1
MANSURA	220	5	3	03	6	8	Fs,Fc	23.9	11	88	9	1
TANTA	220	8	15	02	6	8	St	24.6	13	88	11	0.2
ZAGAZIG	140	2	3	02	1	4	Cu	24.7	12	77	8	1
ISMAÏLIA	250	5	3	03	1	5	As	23.9	12	77	8	dr
FAROUK (Airport)												
ALMÂZA												
EZBEKÎYA	00	0	15	03	1	6	Sc	24.6	13	67	7	dr
GÎZA	00	0	15	03	1	6	Sc	24.4	13	67	7	0
HELWÂN	00	0	35	01	2	6	Sc,Cu	24.4	13	55	4	0
FAIYÛM	00	0	35	01	0	1	St	24.7	13	55	4	0
MINYA	00	0	10	00	1	0	-	25.0	10	58	2	0
ASYÛT MANQABAD												
NAG' HAMMADI	00	0	35	00	0	0	-	25.2	10	62	3	0
QENA	290	5	7	00	0	0	-	24.2	12	44	0	0
LUXOR	00	0	15	00	0	0	-	24.0	12	47	1	0
ASWÂN	360	4	50	00	0	0	-	24.0	14	32	-3	0
SÎWA	00	0	7	00	0	0	-	28.6	12	63	5	0
BAHARÎYA			35	02	1		Ac	26.0	11	51	1	0
FARAFRA												
DAKHLA	320	5	35	00	0	0	-	25.6	11	51	1	0
KHARGA	00	0	15	00	0	0	-	27.1	12	55	3	0
SUEZ	00	0	15	03	2	8	cb	23.6	14	55	5	0
TÛR												
HURGHÂDA	280	12		00	0	0	-	23.6	13	55	4	0
QUSEIR	330	13	15	02	0	0	-	23.6	16	49	5	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK	50	9	50	00	0	0	—	10.2	25	16	-3	
ROSEIRES	360	9	35	00	0	0	—		27	28	7	
EL OBEID												
EL FÂSHER	20	5	30	01	1	3	Ac				-3	
GENEINA	50	12	30	00	0	0	-		20	15	-8	
MALAKÂL	20	13	10	06	0	0	-	10.9	27	14	-3	
WÂU	360	4	10	00	0	0	-	11.5	27	24	-4	
JUBA	20	5	7	04	1	5	Ac	9.1	29	18	2	

At 0600 on Friday 11th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperature Dry Bulb °C	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs. mms.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	250	5	7	03	1	6	Ac	23.3		10	17		7		88	8	0		
SÎDI BARÂNI	200	8	50	02	2	7	Sc,Cu	23.4		10	16		8		95	10	0	235	
MATRÛH	240	15	14	03	2	7	Cb	23.8		11			9		94	10	0		
EL DABA	270	13		02	1	3	Cu	23.1		15	17		8		68	9	0	142	
ALEXANDRIA	310	8	50	02	5	6	St,Ac	23.8	+6.1	15	16	-3	10	-1	68	9	3	243	155
FOUAD (Airport)											16					9		239	120
DAMIETTA	220	5		43	0	0	-	23.5	+6.8	9	15		4		95	9	dr	236	78
PORT SAÏD	240	9	4	05	0	1	Sc	23.4		10	14		9		94	9	0	47	
EL 'ARISH	160	2	35	01	1	5	Sc	23.9	+6.5	11	15	-5	8	0	77	7	0		60
DAMANHUR	290	5	3	02	6	7	As,Cu	24.0	+7.1	12	15	-5	8	0	88	10	2	88	69
MANSURA	90	5	15	02	1	5	Ac	24.0	+7.2	9	17	-3	7	0	95	9	1	37	34
TANTA	200	2	35	01	1	5	Cu	24.0	+6.7	12	17	-4	4	-3	88	10	0.2	24	27
ZAGAZIG	220	2		03	1	8	Cu	24.2	+6.6	10	17	-3	4	-3	88	8	1	14	17
ISMAÏLIA	160	2	15	00	1	6	As	24.2		12	16		5		88	10	dr	10	
FAROUK (Airport)																		3	
ALMÂZA	170	8	12	01	1	4	Sc,Cu	24.3	+6.6	11			10		77	7	0	4	
EZBEKÎYA	180	3	15	03	2	6	Sc,Ac	24.8	+7.1	11	17	-4	7	-1	63	4	dr	8	16
GÎZA	180	3	15	03	2	6	Sc,Ac	24.7	+7.1	10	18	-2	4	-2	62	3	0	14	17
HELWÂN	160	5	7	01	1	3	St	25.2	+6.9	10	15	-5	8	-1	62	3	0	15	17
FAIYÛM	00	0	7	03	1	4	Cu	25.4	+7.7	9	18	-4	6	-1	71	4	0	4	5
MINYA	00	0	6	10	0	1	Ci	25.1		7	18		3		57	-1	0	4	
ASYÛT MANQABAD	00	0	30	00	0	0	-	25.3		8	16		4		66	2	0	0	
NAG' HAMMADI	360	1	35	00	0	0	-	25.4	+7.6	10	19				62	3	0	0	
QENA	270	5	15	00	0	0	-	25.5	+8.0	9	20	-4	3	-5	71	4	0	dr	
LUXOR	00	0	30	00	0	0	-	25.2		8	17		2		58	0	0	dr	
ASWÂN	360	4	50	00	0	0	-	24.8	+6.8	8	18	-7	5	-6	66	2	0	dr	
SÎWA	00	0	15	00	0	0	-	25.8	+6.3	6	16	-5	2	-3	71	1	0	0	6
BAHARÎYA	00	0	35	02	1	4	Ci	25.5	+7.1	8	18	-4	0	-6	71	3	0	dr	6
FARAFRA																		dr	
DAKHLA	00	0	35	00	0	0	-	26.0	+6.9	4	16	-8	1	-5	65	-2	0	dr	
KHARGA	00	0	35	00	0	0	-	25.4	+7.1	10	18	-6	3	-4	62	3	0	0	
SUEZ	00	0	15	00	2	7	Sc,Cu	23.4	+6.2	13	17	-4	7	-3	67	7	dr	12	11
TÛR																			10
HURGHÂDA	260	8		02	0	1	Cu	23.8		10	15		5		62	3	0	dr	
QUSEIR	310	9	15	00	1	3	Ac	23.3	+7.2	15	18	-5			48	4	0	0	4
PORT SÛDÂN	340	16	30	01	1	1	Ac	19.8		19	24		14		46	7	0	34	92
WÂDI HALFA																		tr	
ABU HAMAD	20	5	30	00	0	0	-	20.5		11	21		7		44	-1	0	0	
KAREIMA	20	1	30	00	0	0	-	21.3		10	21		5		41	-3	0	3	1
'ATBARA																		7	2
KHARTÛM	360	10	30	01	0	3	Ci	18.6		13	24		8		38	-1	0	10	4
KASSALA	160	3	30	00	0	0	-	15.8		19	29		14		49	8	0	2	8
WÂD MEDANI	360	13	50	01	1	4	Ci	17.5		14	27		5		23	-7	0	11	12
RENK	50	9	50	00	0	0	-	17.1		15	26		9		52	5	0	0	49
ROSEIRES	360	9	35	00	0	0	-			16	28		12		42	3	0	2	36
EL OBEID	360	9	30	00	0	0	-	19.6		9	28		6		54	0	0	0	16
EL FÂSHER	00	0	30	00	0	0	-	-		6	23		3		46	-5	0	0	6
GENEINA	50	9	10	00	0	0	-	-		9	24		7		25	-10	0		4
MALAKÂL	20	14	30	00	0	0	-	15.3		15	28		15		20	-8	0	69	88
WÂU	00	0	30	00	0	0	-	17.4		16	28		13		32	-1	0	261	146
JUBA	310	5	7	00	0	0	Cs	15.7		21	31		13		31	3	0	129	150

HUMIDITY

Mean of day %

Station	on 10th	Diff. from normal
Alexandria	72	+7
Ezbekiya	65	+2
Giza	61	-7
Helwân	59	+7

GÎZA

GRASS MINIMUM TEMP.

ON 11th 3.4 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

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

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

Remarks

RAWINSONDE

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

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

UPPER WIND OBSERVATIONS on .....

Height m.	Fouad A.P. Dir.	Fouad A.P. Vel.	Port Said Dir.	Port Said Vel.	Munya Dir.	Munya Vel.
Time	15		14		15	
300	300	20	240	20	320	13
600	300	22	240	6	330	16
1000	300	26	260	7	330	21
1500	300	26	310	5	330	20
2000					340	19
3000						
4000						
5000						
6000						
7000						
8000						

UPPER WIND OBSERVATIONS on 11th

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabad Dir.	Asyût Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Dir.	Vel.
Time	5						4						3								10			
300	250	21					300	6					20	10							350	9		
600	270	13					270	4					10	14							320	6		
1000	270	13					330	3					360	16							310	9		
1500	260	13					300	3					350	16							180	2		
2000																					290	9		
3000																					290	13		
4000																					270	14		
5000																					270	28		
6000																								
7000																								
8000																								

Height m.	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time	5		5		5		6	15			4	15							4	15			4	15
300	280	15	10	5	280	7	10	7																
600	300	15	340	7	350	3	30	17			40	21							360	19			40	21
1000	280	11	350	12	20	10	40	17			50	24							40	27			50	24
1500	230	10	340	14	60	22	70	13			60	11							50	11			60	11
2000	290	16	320	15	40	11	350	7			330	7							70	8			330	7
3000	290	9					50	2											10	4				
4000	250	4																	340	7				
5000	230	10																						
6000																								
7000																								
8000																								

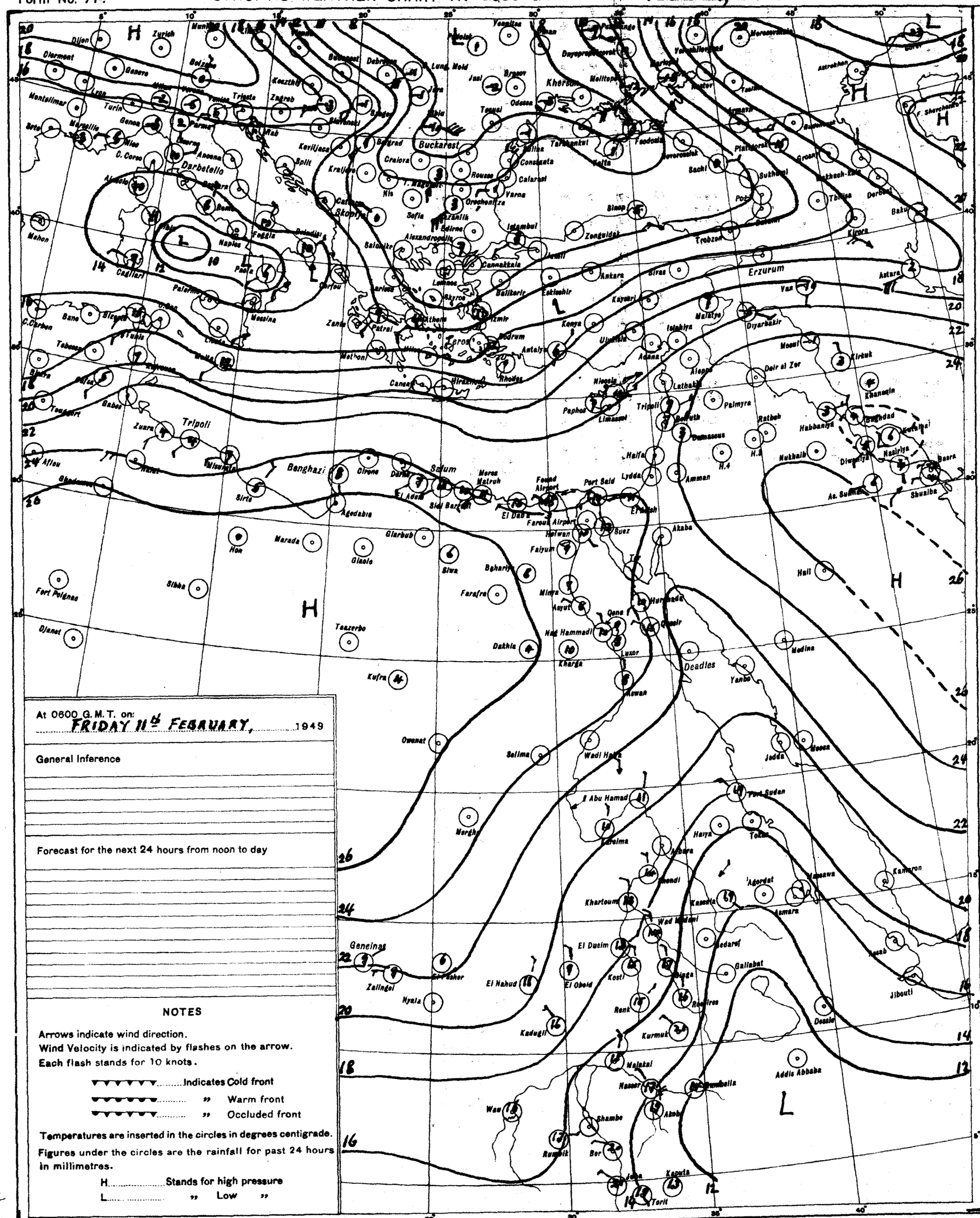
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 11th FEBRUARY, 1949


Buckarest
Darbetello
Tripoli
Benghazi
Erzurum
Khartoum
Geneinas
Addis Abbaba
Deadles
Port Sudan
Tobruk
Malta
Cagliari
Naples
Messina
Athens
Rhodes
Cairo
Port Said
Suez
Aden
Jedda
Asmara
Massawa
Kassala
Wad Medani
El Obeid
El Dueim
Kosti
Renk
Malakal
Nasser
Akobo
Bor
Juba
Kapoeta
Torit
Wau
Shambe
Rumbik
Zalingei
Nyala
El Nahud
Kadugli
Kurmuk
Gallabat
Jibouti
Dessie
Hail
Baghdad
Basra
Amman
Beirut
Damascus
Haifa
Lydda
Ismailia
Luxor
Kharga
Kufra
Sirte
Agedabia
Marada
Hon
Sibha
Fort Polignac
Djanet
Taezerbo
Owenat
Selima
Wadi Halfa
Merga
Geneina
Zalingei
Nyala
Kadugli
Medina
Yambo
Moosa
Jedda
Hail
Basra
Shuaiba
Nukhaib
Habbaniya
Khanaqin
Mosul
Kirkuk
Deir el Zor
Palmyra
Aleppo
Latakia
Diyarbakir
Malatya
Van
Erzurum
Kars
Tbilisi
Baku
Derbent
Astrakhan
Sochi
Sukhumi
Poti
Trabzon
Sinop
Zonguldak
Ankara
Sivas
Kayseri
Eskisehir
Balikesir
Izmir
Bodrum
Antalya
Konya
Ulukisla
Adana
Istanbul
Edirne
Salonika
Alexandroupolis
Canakkale
Lemnos
Skyros
Volos
Larissa
Patras
Zante
Corfu
Brindisi
Foggia
Paola
Palermo
Trapani
Pantelleria
Lampedusa
Malta
Tunis
Bizerta
Tabarka
Algiers
Oran
Bone
Constantine
Biskra
Tougourt
Gabes
Zuara
Misurata
Benghazi
Derna
Tobruk
Sollum
Mersa Matruh
El Alamein
Sidi Barrani
El Daba
Farouk Airport
Helwan
Faiyum
Minya
Asyut
Qena
Hud Hammadi
Luxor
Kharga
Dakhla
Kufra
Siwa
Bahariya
Farafra
Giarabub
Glasio
Agedabia
Sirte
Tripoli
Tunis
Sfax
Sousse
Monastir
Kairouan
Gabes
Tozeur
Algiers
Oran
Bone
Constantine
Biskra
Tabarka
Cagliari

CAIRO

Time of Sunrise 04 38 G. M. T.

" " Sunset 15 41 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: SATURDAY 12 th FEBRUARY, 1949

At 1200 on FRIDAY 11 th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALUM	270	10	15	02	2	5	Ac	20.7	17	42	4
	62303	SÎDI BARÂNI	250	11	50	02	2	7	Cu.Ac	20.8	16	49	5
	62306	MATRÛH	270	13	15	03	1	6	Sc.Ci	21.1	17	49	6
	62309	EL DABA	270	19		02	1	4	Cu		17	52	7
		ALEXANDRIA	270	10	50	02	2	5	Cb.Ac	21.1	16	59	8
	62318	FOUAD (Airport)	270	17	10	02	1	6	Cu.Sc	21.4	17	64	10
	62330	DAMIETTA	160	5	3	03	2	7	Cu.Sc	21.2	16	77	12
	62333	PORT SA'ÎD	220	4	18	03	1	6	Cu.Sc	21.4	17	68	11
	62336	EL 'ARISH	320	2	35	01	0	1	Cu	22.2	16	59	8
LOWER EGYPT	62339	DAMANHUR	270	7	15	02	2	7	Cu	24.0		95	12
	62342	MANSURA	220	5	35	02	2	6	Sc.Cu	22.2	19	52	9
	62348	TANTA	220	13	35	01	1	3	Cu	21.2	18	77	10
	62354	ZAGAZIG	220	2	7	01	1	4	Cu	22.4	18	60	10
	62441	ISMA'ÎLÎA	250	2	3	02	2	8	As	22.5	17	52	7
CAIRO AREA	62366	FAROUK (Airport)	250	10	12	03	2	7	Sc	22.9	18	48	7
	62372	ALMAZA	220	6	30	01	1	3	Sc	22.2	18	52	8
		EZBEKÎYA	220	2	35	03	2	7	Sc	22.2	18	52	8
		GÎZA	220	2	35	03	2	7	Sc	22.2	18	47	7
	62378	HELWÂN	00	0	35	03	1	6	Sc.Cu	22.0	18	46	6
UPPER EGYPT	62381	FAIYÛM	00	0	35	03	2	8	St	22.7	18	46	6
	62387	MINYA	290	6	14	10	1	3	Ac	22.7	19	37	4
	62393	ASYÛT MANQABÂD	330	4	30	03	1	6	Cu.Cb	21.8	18	37	3
	62399	NAG' HAMMÂDI	270	2	35	00	0	0	-	21.0	21	26	1
	62402	QENA	130	2	50	00	0	0	-	20.7	18	46	6
	62405	LUXOR	20	3	30	00	1	0	-	21.4	18	26	-2
	62414	ASWÂN	360	8	50	00	0	0	-	20.7	20	38	5
OASES	62417	SÎWA	00	0	15	00	0	0	-	24.0	18	32	1
	62420	BAHARÎYA	320	3	35	02	1	5	Ci	22.7	19		3
	62423	FARAFRA											
	62432	DAKHLA	320	2	50	00	1	3	St.As	21.1	18	46	6
	62435	KHARGA	00	0	35	00	0	0	-	22.0	18	37	3
RED SEA	62450	SUEZ	00	0	15	00	0	7	Sc.Cu	21.0	16	68	10
	62459	TÛR											
	62462	HURGHADA	20	6		00	1	0	-	21.5	17	60	9
	62465	QUSEIR	360	13	15	03	2	6	As	22.3	19	49	9
	62641	PORT SUDAN	30	21	10	03	1	4	Cu	16.2	24	57	15
NORTH SUDAN	62600	WÂDI HALFA											
	62640	ABU HAMAD											
	62660	KAREIMA	50	7	30	00	0	0	-	15.5	23	36	7
	62680	'ATBARA	50	9	10	02	0	1	Ci	12.7	25	19	0
	62721	KHARTUM	20	7	30	01	1	1	Ci	12.5	25	30	6
	62730	KASSALA											
CENTRAL SUDAN	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	20	7	30	00	0	0	-	13.0	23	27	3
	62760	EL FÂSHER	130	9	30	00	0	0	-		23	15	-5
	62770	GENEINA											
S. SUDAN	62840	MALAKÂL	300	5	30	03	2	7	Ac.Cu	9.9	29	12	-3
	62880	WÂU											
	62941	JUBA	210	2	10	02	0	1	Ac	9.6	31	18	4

At 1800 on 11 th

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST 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	10	7	03	2	8	Ac	20.0	14	48	3	0
SÎDI BARÂNI	220	9	35	03	2	8	Ac.Cu	20.4	12	88	10	0
MATRÛH	320	1	12	03	2	7	Sc	21.0	12	55	3	0
EL DABA	220	18		01	1	2	Cu	21.0	10	88	8	0
ALEXANDRIA	180	5	7	03	2	8	St.Ac	21.5	14	77	10	0
FOUAD (Airport)	150	3	12	03	1	7	As	21.5	13	77	9	0
DAMIETTA	180	5		02	2	7	Sc	21.4	14	77	10	0
PORT SA'ÎD	160	3	12	03	2	7	Sc	22.0	14	77	10	0
EL 'ARISH			15	02	0	1	Cu	22.3	12	77	8	0
DAMANHUR	360	5	3	02	2	7	As	22.7	12	77	8	0
MANSURA	360	5	3	02	2	6	Sc.Cu	22.4	14	88	12	0
TANTA	220	2	35	03	1	7	Cu	22.3	13	77	9	0
ZAGAZIG			3	00	1	0	-	22.6	13	67	7	0
ISMA'ILIA	270	9	3	02	2	6	As	23.5	15	68	9	0
FAROUK (Airport)	200	4	12	03	2	7	Sc	22.5	15		10	0
ALMAZA	190	5	18	02	2	8	Sc.Cu	22.4	15	52	5	0
EZBEKIYA	00	0	15	01	1	2	Cs	22.6	14	67	8	0
GIZA	00	0	15	01	1	2	Cs	22.2	13	67	7	0
HELWÂN	200	2	35	03	2	8	Sc.Cu	22.8	14	55	5	0
FAIYÛM	00	0	7	12	4	8	St	22.7	13	67	7	0
MINYA	00	0	8	02	2	8	Cs	22.8	15	48	4	0
ASYÛT MANQABÂD												
NAG' HAMMÂDI	00	0	35	00	0	0	-	21.2	12	77	8	0
QENA	90	2	7	01	0	2	Ci	21.0	15	59	7	0
LUXOR	00	0	15	00	0	0	-	21.5	12	51	2	0
ASWÂN	360	6	50	00	0	0	-	20.7	17	37	2	0
SÎWA	00	0	7	00	0	0	-	22.8	14	77	10	0
BAHARÎYA	00	0	35	02	1	7	Ci	22.6	15	48	4	0
FARAFRA	90	3	7	02	2	8	Cu.As	23.9	14	48	3	0
DAKHLA	320	5	35	00	0	0	-	20.6	13	34	3	0
KHARGA	00	0	15	00	0	0	-	22.7	13	44	1	0
SUEZ	00	0	15	03	2	8	As	21.6	15	68	9	0
TÛR												
HURGHADA	270	4	50	02	2	7	Ci	21.7	16	49	5	0
QUSEIR	330	9	15	01	1	3	Ci	21.6	17	60	9	0
PORT SUDAN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on SATURDAY 12 th

STATION	WIND DIRECTION	WIND VELOCITY IN 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	50	13	7	02	2	8	St	18.8		12	18		8		55	3	0		
SÎDI BARÂNI	220	11	50	02	2	3	Sc.Cu	19.4		11	17		10		63	4	0	225	
MATRÛH	260	14	12	02	2	8	Sc	19.8		12	18		10		63	5	0		
EL DABA	220	13		03	2	5	Cu	19.8		14			9	0	55	5	0	142	
ALEXANDRIA	220	5	50	02	2	7	St.Ac	18.0	+0.3	12	17	-2	11	0	88	10	0	343	156
FOUAD (Airport)	200	7	15	02	2	7	Ac.As	20.1		11	18		—		82	8	0	239	121
DAMIETTA	200	5		01	1	7	Sc	19.0	+2.3	12	19				77	8	0	236	79
PORT SA'ÎD	210	11	5	05	2	8	Ac	20.3		12	18		11		82	9	0	47	
EL 'ARISH			35	00	2	8	Sc.Cu	20.6	+3.2	13	19	-1	10	+3	77	8	0	66	60
DAMANHUR	270	9	7	01	1	6	Ac.Ci			12	16	-4	8	0	88	10	0	88	70
MANSURA	180	5	15	03	2	7	Sc.Cu	20.8	+4.0	10	20	0	9	+2	88	8	0	37	35
TANTA	200	2	35	02	2	6	Cu	20.1	+2.9	12	20	-1	9	+2	77	8	0	24	27
ZAGAZIG	220	2	3	01	3	8	Ac	20.2	+2.6	11	20	0	10	+3	77	7	0	14	18
ISMA'ILIA			3	02	2	8	As	21.4		12	19				77	8	0	10	
FAROUK (Airport)	210	10	6	05	2	8	Ci	21.4		12	19		12		40	5	0	3	
ALMAZA	110	5	12	02	2	8	St	21.5		15	19				43	6	0	4	
EZBEKIYA	00	0	15	03	2	8	As	21.2	+3.6	12	20	-1	11	+3	63	5	0	8	16
GIZA	00	0	15	03	2	8	As	21.4	+3.9	11	20	0	9	+3	67	5	0	14	17
HELWÂN	00	0	15	02	2	8	As	21.2	+3.0	12	18	-2	10	+1	63	5	0	15	17
FAIYÛM	00	0	7	02	2	8	Fc.Fc	21.9	+4.2	11	20	-2	8	+1	77	7	0	4	5
MINYA	00	0	5	50	5	8	As	21.3		12	20		10		67	6	dr	4	
ASYÛT MANQABÂD	00	0	30	00	0	8	Sc.Cu	20.9		12	20		8		51	2	0	0	
NAG' HAMMÂDI	340	3	15	00	0	4	Ac.Cu	21.2	+3.4	11	21		7		63	4	0	0	
QENA	270	5	15	01	1	4	Ci	21.6	+4.3	12	21	-4	6	-2	63	5	0	dr	
LUXOR	00	0	30	03	2	6	Ci	20.7		11	20		5		51	1	0	dr	
ASWÂN	360	5	50	00	0	0	-	20.2	+2.2	10	22	-3	7	-4	67	4	0	dr	
SÎWA	00	0	15	01	2	8	Sc	21.8	+2.4	10	18	-3	7	+2	62	3	0	0	6
BAHARÎYA	270	2	15	20	5	8	Cb	21.9	+3.5	12	20	-2	6	0	63	5	dr	dr	6
FARAFRA											17						0	dr	
DAKHLA	180	3	15	03	2	7	Fc.Fc	20.8	+1.8	9	19	-5	1	-5	62	2	0	dr	
KHARGA	00	0	15	00	0	6	Ci	21.8	+3.6	10	19	-5	5	-2	62	3	0	0	
SUEZ	00	0	15	00	2	8	As	20.4	+3.2	12	18	-3	10	0	63	5	0	12	11
TÛR																		0	10
HURGHADA	260	8		02	0	8	Ac.Ci	19.8		14	18		10		52	4	0	dr	
QUSEIR	270	9	15	00	0	2	Ci	19.1	+3.1	15	20	-3	12	-2	59	7	0	0	4
PORT SUDAN	320	1	30	02	2	7	Sc	17.6		20	25		17		56	11	0	34	92
WÂDI HALFA	330	2	30	00	0	0	-	19.5		9					22	-3	0	6	
ABU HAMAD	020	2	30	00	0	0	-	18.9		13							0	0	
KAREIMA	210	1		00	0	0	-	18.3			25		9			0	0	3	1
'ATBARA	360	5	30	00	0	0	-	17.5		14	27				52	4	0	7	2
KHARTUM	360	4	30	00	0	0	-	16.6		16	27		12		36	1	0	10	4
KASSALA	00	0	30	00	0	0	-	15.5		15	31				72	10	0	2	8
WÂD MEDANI																	0	11	12
RENK	360	5	50	00	0	0	-	16.6		19	27		13		28	0	0	0	49
ROSEIRES																		2	31
EL OBEID	360	7	30	03	0	2	Ac	17.3		14	26		9		32	-3	0	0	16
EL FÂSHER																	0	0	6
GENEINA																	0	0	4
MALAKÂL																	0	69	88
WÂU																	0	241	146
JUBA																	0	129	151

HUMIDITY % Mean of day

STATION	on 11 th	Diff. from normal
Alexandria	68	+3
Ezbekiya	60	-3
Giza	59	-9
Helwân	53	+1

GÎZA GRASS MINIMUM TEMP. ON 12 th 44 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — AIRPORT

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

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

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

UPPER WIND OBSERVATIONS on 11 th

STATION	FOUAD A.P.				PORT SAÏD				MINYA																	
TIME	16				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	270	10			250	3			10	12																
600	260	10			230	3			10	12																
1000	250	13			250	5			10	13																
1500	220	5			260	8			10	13																
2000	290	23							10	13																
3000																										
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 12 th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA			
TIME	5				3 30								3		9 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	250	36			250	12							340	10	330	6					330	15		
600	250	23			270	12							330	12	350	14					320	11		
1000	260	25			270	15							340	12	360	17					310	15		
1500	300	10			270	23							340	16	320	13					300	11		
2000	270	28			270	21							310	15	300	25								
3000	260	30											280	16	220	20								
4000															210	25								
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	5		5		6		6 15						4 30											
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	210	10	180	4	70	5	10	12																
600	220	10	180	8	50	11	20	22					60	21										
1000	240	10	210	9	40	20	30	19																
1500	240	21	340	9	20	13	350	5					220	5										
2000	250	27	330	13	20	14	350	9					250	10										
3000	260	25	300	35									220	13										
4000	260	27																						
5000																								
6000																								
7000																								
8000																								

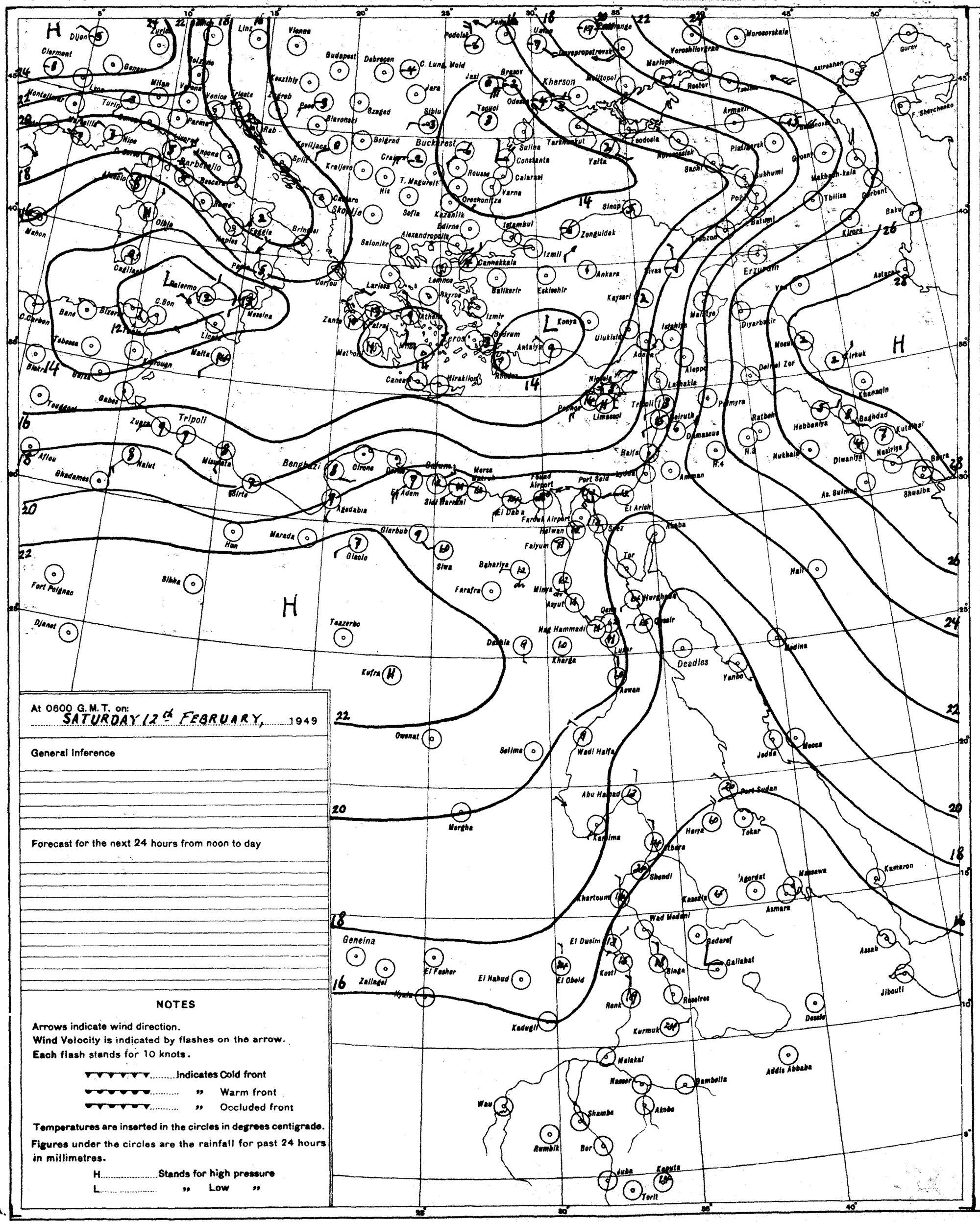
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 12th FEBRUARY, 1949


Dijon
Clermont
Zurich
Linz
Vienna
Budapest
Debrecen
C. Lung. Mold
Podolsk
Ufa
Kazan
Yekaterinoslavl
Moscow
Yaroslavl
Gurev
Astrakhan
Marlopol
Rostov
Tsaritsin
Kherson
Melitopol
Odessa
Jasi
Brasov
Tecuci
Siblu
Belgrad
Bucharest
Craiova
Nis
T. Magurelt
Sofia
Kazanlik
Edirna
Istambul
Zonguldak
Sinop
Samsun
Tarkhankut
Yalta
Feodosia
Novorossisk
Sochi
Armavir
Pyatigorsk
Groznyi
Sukhumi
Poti
Batumi
Tbilisa
Makhach-kala
Derbent
Baku
Kirovo
Astara
Erzurum
Van
Trabzon
Tivas
Ankara
Kayseri
Eskisehir
Balikesir
Canakkale
Izmit
Izmir
Bodrum
Antalya
Konya
Ulukisla
Adana
Iskenderun
Malatya
Diyarbakir
Mosul
Kirkuk
Erbil
Aleppo
Latakia
Tripoli
Beirut
Damascus
Palmyra
Ratbah
Rutbah
Baghdad
Khanaqin
Kut-al-Amara
Basra
Shuaiba
As Sulimaniya
Diwaniya
Nasiriya
Habbaniya
Nukhaila
Amman
Haifa
Jerusalem
Port Said
Ismailia
El Arish
Suez
Khaba
Tor
Hail
Madina
Yanbo
Jedda
Mecca
Deadles
Hurghada
Qena
Luxor
Aswan
Kharga
Dakhla
Nag Hammadi
Asyut
Minya
Faiyum
Helwan
Farafra
Baharia
Siwa
Gialo
Marada
Hon
Glarbub
Agedabia
Benghazi
Cirene
Derna
Sidi Barrani
El Daba
Farouk Airport
Fouad Airport
Mersa Matruh
El Adem
Misurata
Sirte
Nalut
Tripoli
Zuara
Gadames
Ghat
Tabarka
Bone
Algiers
Oran
Tlemcen
Biskra
Tunis
Bizerta
Sousse
Sfax
Gabes
Tozeur
Kairouan
Malta
Lipari
Messina
Palermo
Cagliari
Naples
Rome
Ancona
Bologna
Milan
Venice
Trieste
Zagreb
Rab
Split
Kraljevo
Skoplje
Salonika
Alexandroupolis
Larissa
Lemnos
Skyros
Athens
Patrai
Zante
Corfou
Brindisi
Taranto
Palermo
Cagliari
Mahon
Olbia
Nice
Marseille
Lyon
Montelimar
Toulouse
Perpignan
Bordeaux
Nantes
Brest
Cherbourg
Le Havre
Paris
Strasbourg
Munich
Kosice
Debrecen
Szeged
Bratislava
Prague
Berlin
Hamburg
Copenhagen
Stockholm
Oslo
Bergen
Reykjavik
Shannon
Valentia
Lerwick
Aberdeen
Edinburgh
Manchester
London
Dublin
Belfast
Cork
Fort Polignac
Djanet
Sibha
Tazerbo
Kufra
Owenat
Salima
Wadi Halfa
Abu Hamad
Port Sudan
Tokar
Haiya
Kassala
Kamaran
Massawa
Asmara
Agordat
Khartoum
Shendi
Atbara
Wad Medani
Gedaref
Galiabat
Kosti
El Obeid
El Dueim
El Nahud
El Fasher
Geneina
Zalingei
Nyala
Kadugli
Renk
Kurmuk
Roseires
Singa
Assab
Jibouti
Dessie
Addis Ababa
Malakal
Nasser
Gambella
Akobe
Shambe
Wau
Rumbik
Bor
Juba
Kapoeta
Torit
Mergha
Hiraklion
Canea
Rhodes
Limassol
Nicosia
Paphos
Mitylene
Lemnos
Sfax
Tripoli
Benghazi
Tobruk
Alexandria
Cairo
Port Said
Suez
Jerusalem
Amman
Damascus
Beirut
Tripoli
Aleppo
Latakia
Palmyra
Baghdad
Basra
Shuaiba
Jedda
Mecca
Madina
Yanbo
Hail
Tor
Khaba
Aswan
Luxor
Qena
Hurghada
Qeseir
Deadles
Kharga
Dakhla
Nag Hammadi
Asyut
Minya
Faiyum
Helwan
Farafra
Baharia
Siwa
Gialo
Marada
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Djanet
Sibha
Tazerbo
Kufra
Owenat
Salima
Wadi Halfa
Abu Hamad
Port Sudan
Tokar
Haiya
Kassala
Kamaran
Massawa
Asmara
Agordat
Khartoum
Shendi
Atbara
Wad Medani
Gedaref
Galiabat
Kosti
El Obeid
El Dueim
El Nahud
El Fasher
Geneina
Zalingei
Nyala
Kadugli
Renk
Kurmuk
Roseires
Singa
Assab
Jibouti
Dessie
Addis Ababa
Malakal
Nasser
Gambella
Akobe
Shambe
Wau
Rumbik
Bor
Juba
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CAIRO

Time of Sunrise 0M 37 G. M. T.

" " Sunset 15 42 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date : Sunday 13th February, 1949

At 1200 on Saturday 12th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C
MEDITERRANEAN	62300	SALÛM	220	11	7	01	0	1	Ac	18.6	20	28	1
	62303	SÎDI BARÂNI	270	8	50	01	1	1	Ci	19.0	18	46	6
	62306	MATRÛḤ	300	12	18	01	2	7	As,Ci	19.2	18	43	5
	62309	EL DABA	320	20		00	0	6	St		18		-3
		ALEXANDRIA	270	10	50	02	2	8	St,Ac	19.5	16	59	8
	62318	FOUAD (Airport)	270	24	15	02	2	6	Ac	19.2	17	52	7
	62330	DAMIETTA	200	5	7	02	1	5	Sc	18.6	17	60	9
	62333	PORT SA'ÎD	240	10	15	02	2	8	Ac	19.0	16	68	10
	62336	EL 'ARISH	220	5	35	02	2	8	St	19.5	18	52	8
LOWER EGYPT	62339	DAMANHUR	260	13	15	01	1	0	-	20.0	19	46	7
	62342	MANSURA	220	5	35	03	2	6	Sc,Ci	19.6	17	52	7
	62348	TANTA	220	13	35	01	1	3	Ci	20.0	18	46	6
	62354	ZAGAZIG	220	2	7	02	2	8	Ac	20.0	17	60	9
	62441	ISMAÎLÎA	250	2	3	02	2	8	As	19.9	17	42	4
CAIRO AREA	62366	FAROUK (Airport)	260	10	12	02	2	8	Ac	20.4	16	36	1
	62372	ALMÂZA											
		EZBEKÎYA	250	6	35	02	2	8	As	20.2	17	52	7
		GÎZA	250	6	35	02	2	8	As	20.2	18	46	6
	62378	HELWÂN	180	4	35	02	2	8	As	20.4	16	49	5
UPPER EGYPT	62381	FAIYÛM	00	0	35	02	2	8	Fs,Fc	21.0	17	52	7
	62387	MINYA	360	12	10	02	5	8	Ac	21.1			5
	62393	ASYÛT MANQABÂD	360	7	30	02	2	8	Cs	19.6	17	49	6
	62399	NAG' HAMMÂDI	290	4	35	00	0	7	Ci	18.2	21	41	7
	62402	QENA	220	5	16	02	1	5	Ci	18.3	21	41	7
	62405	LUXOR	340	3	30	03	1	7	As	17.6	22	23	0
	62414	ASWÂN	360	6	50	00	0	0	-	17.4	22	33	5
OASES	62417	SÎWA	270	6	15	00	0	0	-	21.8	20	46	8
	62420	BAHARÎYA	270	4	35	02	2	7	As	21.1	17	42	4
	62423	FARAFRA											
	62432	DAKHLA	320	5	35	02	2	6	Fs,As,c	21.0	19	46	7
	62435	KHARGA	20	1	7	03	2	7	As	19.2	20	33	3
RED SEA	62450	SUEZ	00	0	15	02	2	8	As	19.1	18	46	6
	62459	TÛR											
	62462	HURGHÂDA	330	16		02	2	8	Ac,Ci	18.7	19	64	12
	62465	QUSEIR	20	9	15	03	1	4	Ci	18.3	21	61	13
	62641	PORT SÛDÂN											
NORTH SÛDÂN	62600	WÂDI HALFA											
	62640	ABU ḤAMAD											
	62660	KAREIMA											
	62680	'ATBARA											
	62721	KHARTÛM											
	62730	KASSALA											
CENTRAL SÛDÂN	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID											
	62760	EL FÂSHER											
	62770	GENEINA											
S. SÛDÂN	62840	MALAKÂL											
	62880	WÂU											
	62941	JUBA											

At 1800 on Saturday 12th

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms.
SALÛM	270	7	7	01	0	0	-	17.9	15	48	4	0
SÎDI BARÂNI	160	2	35	00	0	0	-	18.8	11	77	7	0
MATRÛḤ	00	0	18	00	0	0	-	19.5	12	88	10	0
EL DABA												
ALEXANDRIA	180	5	7	01	2	3	Ci,Sc	20.0	14	77	10	0
FOUAD (Airport)	200	3	15	02	0	0	-	19.4	12	77	8	0
DAMIETTA	220	5		05	0	0	-	19.8	12	82	9	0
PORT SA'ÎD	270	6	12	01	1	5	Ac	19.0	14	77	10	0
EL 'ARISH			7	02	2	8	St	20.0	13	77	9	0
DAMANHUR	270	5	7	01	1	0	-	20.0	12	77	8	0
MANSURA	250	5	3	00	1	0	-	20.3	12	77	8	0
TANTA	220	2	15	02	1	3	Ci	21.2?	11	63	4	0
ZAGAZIG	00	0	7	00	1	0	-	19.8	11	63	4	0
ISMAÎLÎA			15	01	1	3	As	20.4	12	77	8	0
FAROUK (Airport)	190	14	12	00	0	0	-	20.5	14	55	5	
ALMÂZA												
EZBEKÎYA	00	0	15	00	2	0	-	21.0	12	63	5	0
GÎZA	00	0	15	00	2	0	-	21.1	10	71	5	0
HELWÂN	180	3	15	01	0	0	-	20.8	13	55	4	0
FAIYÛM	180	3	35	01	0	0	-	20.8	12	77	8	0
MINYA	00	0	8	01	2	1	Ac	21.1	11	63	4	0.3
ASYÛT MANQABÂD												
NAG' HAMMÂDI	00	0	15	00	0	3	Ci	21.0	12	88	10	0
QENA	270	5	7	03	2	6	Ac	19.4	16	49	5	0
LUXOR	320	2	12	01	2	4	Ac	19.4	16	45	4	0
ASWÂN	360	10	50	03	2	6	Ac	19.0	18	46	6	0
SÎWA	00	0	7	00	0	0	-	20.8	13	55	4	0
BAHARÎYA	270	2	35	02	2	0	-	21.5	12	63	5	0
FARAFRA												
DAKHLA	320	3	35	01	1	3	Ci	20.0	15	39	1	0
KHARGA	00	0	7	00	0	0	-	20.8	14	48	3	0
SUEZ	00	0	15	01	0	3	As	19.8	14	55	5	0
TÛR												
HURGHÂDA	290	11	30	02	2	7	Ac	19.5	16	68	10	0
QUSEIR	360	24	15	03	2	8	As	19.8	19	52	9	0
PORT SÛDÂN												
WÂDI HALFA												
ABU ḤAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Sunday 13th

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	HUMIDITY %	DEW POINT °C	RAINFALL mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	220	12	7	02	0	0	-	17.5		12	21		8		44	0	0		
SÎDI BARÂNI	220	11	50	00	0	0	-	18.3		10	19		7		62	3	0	235	
MATRÛḤ	250	17	15	00	0	0	-	18.5		10	18		8		58	2	0		
EL DABA	90	6		00	0	0	-	18.8		13	19		6		67	7	0	142	
ALEXANDRIA	200	9	6	00	0	0	-	19.1	+1.5	12	16	-1	9	-2	77	8	0	244	157
FOUAD (Airport)	220	12	18	02	0	0	-	18.4		11	18		8		71	6	0	239	122
DAMIETTA	200	5		00	0	0	-	19.4	+2.8	9	18		2?		71	4	0	236	79
PORT SA'ÎD	240	15	8	02	0	0	-	19.1		11	17	-2	10		71	6	0	47	
EL 'ARISH	180	2	35	01	0	0	-	19.9	+2.5	13	18	-2	7	-1	55	4	0	66	61
DAMANHUR	270	13	3	02	0	0	-	19.5	+2.8	9	20	0	6	-2	71	4	0	88	71
MANSURA	90	5	35	00	0	0	-	19.8	+3.0	8	19	-1	4	-3	71	3	0	37	35
TANTA	220	5	35	02	1	0	-	19.5	+2.3	8	18	-3	4	-3	71	3	0	24	28
ZAGAZIG	210	2	15	00	0	0	-	19.1	+1.6	8	17	-3	6	-1	88	6	0	14	18
ISMAÎLÎA	180	2	3	02	0	0	-	20.4		11	17		7		63	4	0	10	
FAROUK (Airport)	200	16	14	00	0	0	-	21.2		11			10		63	4	0	3	
ALMÂZA																		4	
EZBEKÎYA	180	7	15	00	0	0	-	21.4	+3.8	9	18	-3	8	0	71	4	0	8	16
GÎZA	180	7	15	00	0	0	-	21.1	+3.6	8	18	-2	6	0	58	0	0	14	17
HELWÂN	130	3	7	02	0	0	-	21.8	+3.6	10	17	-3	8	-1	62	3	0	15	17
FAIYÛM	160	2	7	02	0	0	-	20.0	+2.4	8	18	-4	4	-3	71	3	0	4	5
MINYA	00	0	0.7	42	4	0	-	22.1		9	17		4		71	2	0	4	
ASYÛT MANQABÂD	270	2	30	00	0	0	-	22.0		10	20		6		76	6	0	0	
NAG' HAMMÂDI	290	2	35	00	0	0	-	21.5	+3.9	11	22		7		63	4	0	0	
QENA	240	5	15	00	0	0	-	21.1	+3.9	11	22	-3	7	-1	77	7	0	dr	
LUXOR	160	1	30	00	0	0	-	20.4		11	22		4		63	4	0	dr	
ASWÂN	00	0	50	00	0	0	-	20.3	+2.4	12	23	-2	9	-2	63	5	0	dr	
SÎWA	00	0	15	00	0	0	-	21.5	+2.2	5	20	-1	1	-4	70	0	0	0	6
BAHARÎYA	00	0	35	02	0	0	-	22.3	+4.0	7	19	-5	2	-4	87	5	0	dr	6
FARAFRA																		dr	
DAKHLA	00	0	35	03	2	6	Ac,Ci	21.2	+2.3	7	20	-4	0	-6	57	-1	0	dr	
KHARGA	00	0	35	00	0	0	-	21.8	+3.7	11	22	-2	6	-1	77	7	0	0	
SUEZ	00	0	35	00	0	0	-	19.8	+2.7	8	19	-2	5	-5	88	6	0	12	11
TÛR																		0	10
HURGHADA	260	9		00	0	0	-	19.6		12	19		8		51	2	0	dr	
QUSEIR			15	02	0	0	-	19.1	+3.1	17	21	-2	13	-1	42	4	0	0	4
PORT SÛDÂN	340	14	30	03	2	7	Sc	17.3		21	25		17		69	15	0	34	92
WÂDI HALFA	10	9	30	03	0	0	-	19.4		11	25		7		51	1	0	tr	
ABU ḤAMAD	20	9	30	02	1	3	Ci	16.5		15	27		12		52	5	0	0	
KAREIMA	20	3	30	03	1	8	Cs	17.4		14	28		11		36	-1	0	3	1
'ATBARA	340	2	10	02	0	1	Ci	15.8		16	29		12		36	1	0	7	2
KHARTÛM	360	6	30	03	0	0	-	15.2		17	30		15		42	4	0	10	4
KASSALA	70	2	30	00	0	0	-	13.4		21	34		11		57	12	0	2	8
WÂD MEDANI	360	5	50	00	0	0	-	14.6		19	33		14		32	2	0	11	12
RENK	360	5	50	00	0	0	-	12.7		26	31		15		16	-2	0	0	49
ROSEIRES	340	5	35	00	0	0	-	-		19	34		15		56	10	0	2	36
EL OBEID	360	6	30	02	0	2	Ac	15.3		16	30		12		28	-3	0	0	16
EL FÂSHER	20	5	30	00	0	1	Ci,Cs	-		12	30		10		26	-7	0	0	6
GENEINA	50	7	30	00	0	0	-	-		15	31		12		14	-13	0	0	4
MALAKÂL	02	12	30	03	0	2	Ci	12.0		23	32		19		27	3	0	69	88
WÂU	00	0	50	01	1	3	Ci	12.3		24	33		17		36	8	0	261	147
JUBA	00	0	7	05	0	0	-	11.8		23	35		15		47	11	0	129	151

HUMIDITY % Mean of day

STATION	on 12th	Diff. from normal
Alexandria	66	+1
Ezbekîya	58	-4
Gîza	62	-6
Helwân	54	+2

GÎZA GRASS MINIMUM TEMP. ON 13th 1.1 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks .....

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

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

UPPER WIND OBSERVATIONS on 12th

STATION	Fouad A.P				Minia			
TIME	15				15			
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300			280	9			340	3
600			290	10			30	3
1000			290	17			270	13
1500			290	19			300	20
2000			300	16			310	24
3000								
4000								
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 13th

STATION	SÎDI BARÂNI		MATRÛḤ		FOUAD AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		FAROUK A.P	
TIME	5				3		5				6 45		3						5		9		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	33			240	12	260	19			160	8	290	3					10	8	340	20	210	10
600	270	29			240	12	290	20			230	9	320	16					20	19	320	17	270	11
1000	280	24			240	14	300	23			260	12	310	9					30	18	320	17	300	13
1500	290	29			220	16	310	34			300	12	290	13					20	25	330	6	290	17
2000					250	18	300	19			300	16							20	19			290	20
3000					250	17					300	28											290	22
4000																								
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ ḤAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	5		5		5		6 15		5		4 15		4 30		4				4 30		4 45		4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	230	8	260	10	350	3	10	13	10	13														
600	230	9	270	9	10	7	150	15	40	13	30	17			20	14							20	26
1000	270	10	270	3	10	20	30	11	30	23	50	14	60	20	30	10			40	18	40	18	30	29
1500	300	11	290	13	330	16	350	18	40	17	300	4	300	6	50	10			60	13	50	4	70	15
2000			290	16					320	10	310	16	330	9	50	4			150	6				
3000	270	23	300	22					250	5	290	12	290	6	20	8							50	9
4000	300	23	300	17					280	7					330	13								
5000	280																							
6000																								
7000																								
8000																								

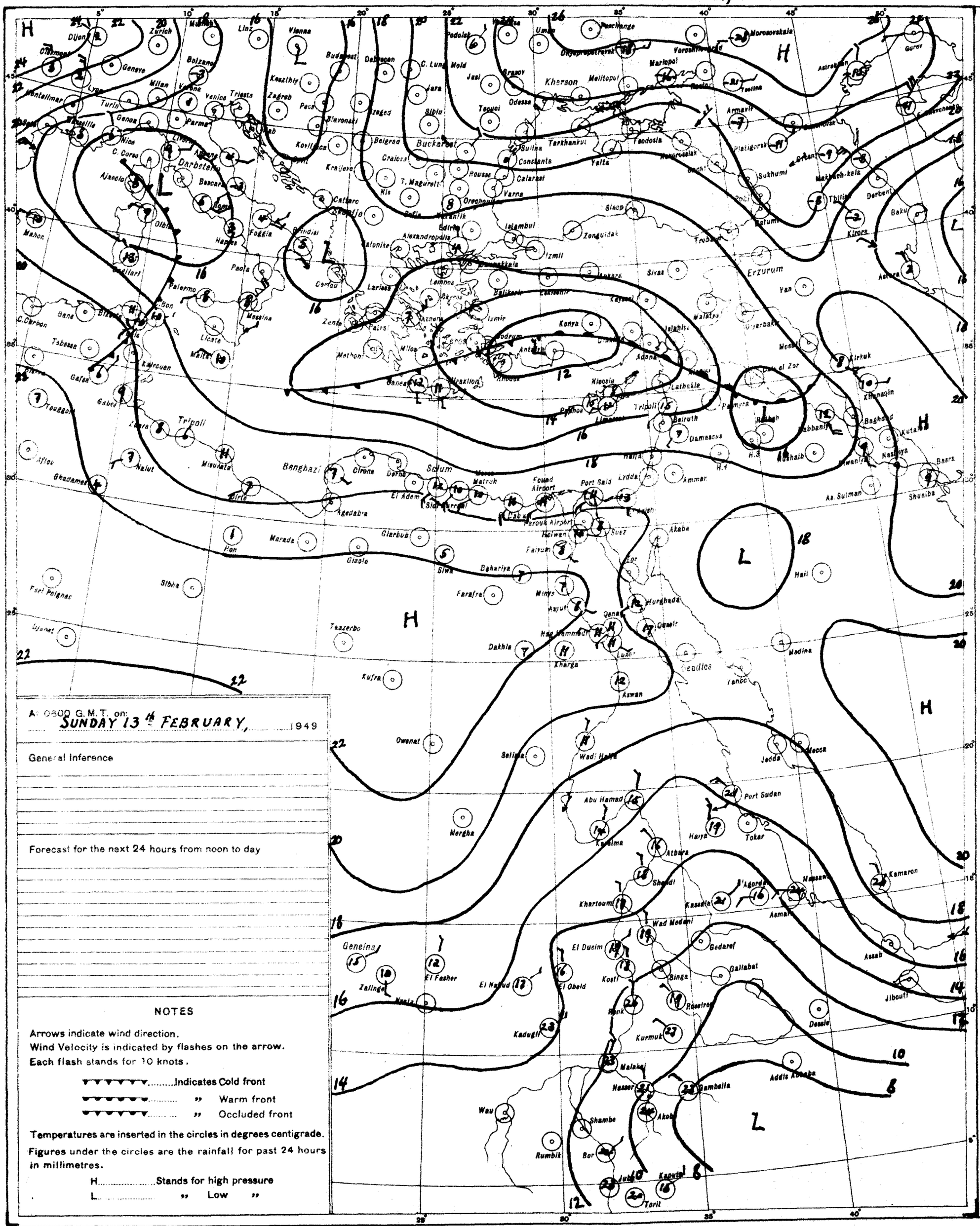
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 13th FEBRUARY, 1949


Dijon
Zurich
Clermont
Genève
Milan
Turin
Genoa
Montelimar
Marseille
Nice
C. Corso
Ajaccio
Bolzano
Venice
Trieste
Parma
Livorno
Alghero
Darbeteno
Bescara
Olbia
Mahon
Palermo
Messina
Licata
Tsbessa
Kairouan
Gafsa
Gabes
Tripoli
Benghazi
Sollum
Siwa
Bahariya
Farafra
Kufra
Owenat
Sebha
Murzuk
Kharga
Dakhla
Aswan
Wadi Halfa
Abu Hamad
Port Sudan
Tokar
Kassala
Khartoum
Atbara
Shendi
Wad Medani
Gedaref
El Obeid
El Fasher
Geneina
Zalinge
Nyala
Kadugli
Kosti
Bor
Rumbik
Wau
Malakal
Nasser
Gambella
Akobo
Addis Ababa
Jibouti
Asmara
Massawa
Kamaron
Assab
Dessie
Jedda
Mecca
Medina
Yanbo
Hurghada
Luxor
Cairo
Port Said
Suez
Akaba
Haifa
Beirut
Damascus
Amman
Lydda
Nicosia
Rhodes
Kayseri
Ankara
Sivas
Erzurum
Van
Mosul
Kirkuk
Baghdad
Basra
Shuaiba
Bucharest
Constanta
Odessa
Kherson
Sevastopol
Kiev
Moscow
Rostov
Tbilisi
Baku
Istanbul
Izmir
Athens
Salonika
Belgrade
Budapest
Vienna
Prague
Munich
Lyon
Marseille
Paris
Brussels
London
Dublin
Reykjavik
Oslo
Stockholm
Helsinki
Leningrad
Murmansk
Archangel
Tashkent
Alma-Ata
Tiflis
Sukhumi
Kirovsk
Astrakhan
Gurev
Tobolsk
Omsk
Novosibirsk
Irkutsk
Yakutsk
Tokio
Peking
Hankow
Calcutta
Karachi
Lahore
Delhi
Bombay
Madras
Colombo
Rangoon
Bangkok
Saigon
Manila
Hong Kong
Singapore
Batavia
Darwin
Port Moresby
Rabaul
Honolulu
Midway
Wake
Guam
Tokyo
Sapporo
Vladivostok
Khabarovsk
Petropavlovsk
Nome
Anchorage
Fairbanks
Point Barrow
Ottawa
Winnipeg
Edmonton
Vancouver
San Francisco
Los Angeles
Denver
Chicago
New York
Washington
Boston
Bermuda
Nassau
Havana
Kingston
Panama
Bogota
Quito
Lima
Iquitos
Manaus
Belem
Rio de Janeiro
Sao Paulo
Buenos Aires
Montevideo
Santiago
La Paz
Asuncion
Cape Town
Pretoria
Salisbury
Lourenco Marques
Tananarive
Mauritius
Seychelles
Nairobi
Addis Ababa
Khartoum
Tripoli
Algiers
Tunis
Rabat
Casablanca
Dakar
Freetown
Accra
Lagos
Kano
Fort Lamy
Bangui
Leopoldville
Elisabethville
Luanda
Windhoek
Walvis Bay
Tananarive
Mauritius
Seychelles
Nairobi
Addis Ababa
Khartoum
Tripoli
Algiers
Tunis
Rabat
Casablanca
Dakar
Freetown
Accra
Lagos
Kano
Fort Lamy
Bangui
Leopoldville
Elisabethville
Luanda
Windhoek
Walvis Bay
Cape Town
Pretoria
Salisbury
Lourenco Marques

CAIRO

Time of Sunrise 04 37 G. M. T.

" " Sunset 15 43 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date : MONDAY 14th FEBRUARY , 1949

At 1200 on SUNDAY 13th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
MEDITERRANEAN	62300	SALÛM	320	6	7	02	0	0	—	18.6	19	45	7
	62303	SÎDI BARÂNI	270	12	50	00	0	0	—	17.6	20	41	6
	62306	MATRÛH	290	17	18	00	0	0	—	17.8	21	33	4
	62309	EL DABA'											
		ALEXANDRIA	220	10	50	01	0	0	—	18.2	17	56	8
	62318	FOUAD (Airport)	240	12	18	00	0	0	—	18.2	20	35	4
	62330	DAMIETTA	200	9	15	02	0	1	Cu	18.0	21	41	7
	62333	PORT SA'ÎD	260	9	30	03	0	1	Ci	18.7	19	52	9
	62336	EL 'ARISH	270	5	35	02	0	0	—	19.0	20	41	6
LOWER EGYPT	62339	DAMANHUR	310	9	15	02	0	0	—	19.0	21	41	7
	62342	MANSURA	220	5	35	00	0	0	—	19.0	22	36	6
	62348	TANTA	220	5	35	02	0	0	—	19.9	22	36	6
	62354	ZAGAZIG	220	2	15	00	0	0	—	19.9	20	46	8
	62441	ISMA'ÎLÎA	250	2	35	02	0	0	—	19.9	21	26	1
CAIRO AREA	62366	FAROUK (Airport)	200	14	30	00	0	0	—	19.7	20	38	5
	62372	ALMÂZA											
		EZBEKÎYA	270	7	35	00	0	0	—	19.2	22	29	3
		GÎZA	270	7	35	00	0	0	—	19.1	22	27	2
	62378	HELWÂN	180	3	15	02	0	0	—	19.5	20	33	3
UPPER EGYPT	62381	FAIYÛM	330	2	35	02	0	0	—	19.8	21	33	4
	62387	MINYA	00	0	15	00	4	0	—	20.3	20	30	2
	62393	ASYÛT MANQABÂD											
	62399	NAG' HAMMÂDI	270	5	35	00	0	3	Ac	18.3	22	38	7
	62402	QENA	270	5	50	01	0	3	Ci	17.8	23	32	5
	62405	LUXOR	330	6	30	02	1	4	Sc, Ac	17.5	22	19	-3
	62414	ASWÂN	340	6	50	00	0	0	—	17.0	23	32	5
OASES	62417	SÎWA	270	5	15	00	0	0	—	21.0	22	44	9
	62420	BAHARÎYA	270	4	35	02	0	0	—	20.0	22	29	3
	62423	FARAFRA											
	62432	DAKHLA	320	5	50	01	0	1	Ci	19.7	20	33	3
	62435	KHARGA	20	2	35	00	0	0	—	19.5	21	33	4
RED SEA	62450	SUEZ	00	0	35	02	0	0	—	18.4	19	46	7
	62459	TÛR											
	62462	HURGHÂDA	350	11		02	1	1	Cc	18.3	19	52	9
	62465	QUSEIR			15	03	1		Ac	18.0	21	41	7
	62641	PORT SÛDÂN	50	18	30	11	8	2	Cumy, Ci	14.4	25	70	19
NORTH SÛDÂN	62600	WÂDI HALFA	30	11	30	01	1	1	Ac, Ci	16.8	24	22	1
	62640	ABU HAMAD	110	2	30	03	1	3	Ci	11.8	29	35	12
	62660	KAREIMA											
	62680	'ATBARA											
	62721	KHARTÛM	90	3	35	01	1	0	—	5.6	32	13	0
	62730	KASSALA	360	2	30	00	0	0	—	7.0	35	18	7
CENTRAL SÛDÂN	62751	WÂD MEDANI	360	5	35	00	0	0	—	8.2	33	10	-2
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	20	4	30	00	0	0	—	8.8	31	17	3
	62760	EL FÂSHER	110	9	30	00	0	0	—		29	22	5
	62770	GENEINA	70	4	30	00	0	0	—		31	18	4
S. SÛDÂN	62840	MALAKÂL											
	62880	WÂU											
	62941	JUBA											

At 1800 on SUNDAY 13th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms.
SALÛM	320	6	7	02	0	0	—	18.6	14	88	12	0
SÎDI BARÂNI	320	1	35	00	0	0	—	19.1	13	88	11	0
MATRÛH	00	0	14	00	0	0	—	19.0	14	67	8	0
EL DABA'												
ALEXANDRIA	200	5	7	00	0	0	—	19.5	15	68	9	0
FOUAD (Airport)	220	5	12	02	0	0	—	18.7	12	82	9	0
DAMIETTA	220	2		00	0	0	—	18.2	14	77	10	0
PORT SA'ÎD	280	8	14	02	0	0	—	19.5	16	68	10	0
EL 'ARISH	180	2	15	02	0	0	—	19.6	13	51	3	0
DAMANHUR	310	5	3	02	0	0	—	19.2	14	67	8	0
MANSURA	320	2	3	00	0	0	—	19.6	13	67	7	0
TANTA	00	0	35	02	0	0	—	20.3	13	55	4	0
ZAGAZIG	220	2	15	00	0	0	—	18.4	14	67	8	0
ISMA'ÎLÎA	320	2	7	02	6	0	—	19.5	15	48	4	0
FAROUK (Airport)	200	5	12	00	0	0	—	20.2	17	37	2	0
ALMÂZA												
EZBEKÎYA	00	0	15	00	0	0	—	19.9	14	55	5	0
GÎZA	00	0	15	00	0	0	—	19.9	15	52	5	0
HELWÂN	180	1	7	02	0	0	—	19.9	16	32	-1	0
FAIYÛM	180	3	35	02	0	0	—	19.5	15	48	4	0
MINYA	00	0	8	00	0	0	—	20.2	14	42	1	0
ASYÛT MANQABÂD												
NAG' HAMMÂDI	00	0	35	00	0	0	—	19.4	13	67	7	0
QENA	240	9	7	00	1	0	—	18.6	15	59	7	0
LUXOR	200	1	12	00	0	0	—	19.1	15	36	0	0
ASWÂN	360	8	50	00	0	0	—	18.0	20	33	3	0
SÎWA	00	0	7	00	0	0	—	19.5	13	55	4	0
BAHARÎYA	00	0	35	02	0	0	—	20.8	14	48	3	0
FARAFRA												
DAKHLA	320	3	35	00	0	0	—	19.0	17	42	4	0
KHARGA	00	0	15	00	0	0	—	20.0	16	32	-1	0
SUEZ	00	0	15	02	0	0	—	19.1	14	67	8	0
TÛR												
HURGHÂDA	320	7		00	0	0	—	18.3	16	77	12	0
QUSEIR	330	13	15	02	0	0	—	18.2	19	46	7	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on MONDAY 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.	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	7	03	1	2	Ac	21.2		12	23		9		77	8	0		
SÎDI BARÂNI	340	6	50	03	0	3	Cu	21.8		14	21		9		88	12	0	235	
MATRÛH	300	8	18	01	1	1	Sc	21.4		11	21		8		77	7	0		
EL DABA'																		142	
ALEXANDRIA	310	5	50	01	1	3	Ac	21.1	+3.5	15	19	0	12	+1	77	11	0	244	158
FOUAD (Airport)	310	7	18	02	0	2	Sc	20.0		14	20		8		82	11	0	229	122
DAMIETTA	200	5		01	0	1	Cu	20.2	+3.6	10	21		5		76	6	0	236	80
PORT SA'ÎD	260	10	11	02	0	0	—	20.0		12	20		11		63	5	0	47	
EL 'ARISH	220	2	35	02	0	0	—	19.5	+2.1	16	20	0	8	0	56	7	0	66	61
DAMANHUR	270	5	7	02	0	0	—	20.3	+3.6	9	22	+2	7	-1	88	7	0	88	72
MANSURA	270	5	35	00	0	0	—	20.6	+3.9	10	22	+2	6	-2	62	3	0	37	35
TANTA	00	0	35	02	0		—	21.1	+4.0	9	22	+1	4	-3	71	4	0	24	28
ZAGAZIG	220	2	7	00	0	0	—	21.4	+3.9	11	22	+2	6	-1	77	7	0	14	18
ISMA'ÎLÎA	200	2	3	02	0	0	—	20.4		11	22		8		63	4	0	10	
FAROUK (Airport)	260	7	13	00	0	1	Sc	20.9		13	21		11		55	4	0	3	
ALMÂZA																		4	
EZBEKÎYA	00	0	35	00	0	0	—	21.1	+3.6	11	23	+2	9	+1	51	1	0	8	16
GÎZA	00	0	35	00	0	0	—	21.2	+3.7	13	23	+2	6	0	55	4	0	14	17
HELWÂN	00	0	7	02	0	0	—	20.8	+2.7	13	21	+1	10	+1	44	1	0	15	17
FAIYÛM	00	0	35	02	0	0	—	21.8	+4.3	12	23	+1	6	-1	55	3	0	4	5
MINYA	00	0	8	10	0	0	—	21.1		8	22		2		58	0	0	4	
ASYÛT MANQABÂD	00	0	18	00	0	0	—	21.4		10	21		7		62	3	0	0	
NAG' HAMMÂDI	340	1	15	00	0	0	—	20.6	+3.0	11	23		4		63	4	0	0	
QENA	220	5	15	00	0	0	—	20.8	+3.7	12	25	0	5	-3	55	3	0	dr.	
LUXOR	00	0	30	00	0	0	—	20.0		12	24		4		47	1	0	dr.	
ASWÂN	00	0	50	00	0	0	—	19.4	+1.5	13	25	0	9		62	6	0	dr.	
SÎWA	00	0	15	00	0	0	—	21.8	+2.6	5	22	+1	2	-3	70	0	0	0	6
BAHARÎYA	00	0	35	02	0	0	—	22.0	+3.7	10	23	+1	3	-3	50	0	0	dr.	6
FARAFRA																		dr.	
DAKHLA	00	0	35	00	0	0	—	21.1	+2.2	8	22	-2	2	-4	58	0	0	dr.	
KHARGA	00	0	35	00	0	0	—	21.2	+3.2	10	23	-1	5	-2	62	3	0	0	
SUEZ	00	0	35	00	0	0	—	19.6	+2.6	11	22	+1	8	-2	77	7	0	12	11
TÛR																		0	10
HURGHADA	260	10		00	0	0	—	19.4		14	20		10		36	-1	0	dr.	
QUSEIR	310	13	15	02	0	0	—	18.6	+2.7	17	22	-1	13	-1	34	1	0	0	4
PORT SÛDÂN	350	10	30	01	1	1	Cu, Ac	16.4		21	27		18		69	15	0	34	92
WÂDI HALFA																	0	tr.	
ABU HAMAD	50	9	30	00	0	0	—	15.4		16	29		14		52	6	0	—	
KAREIMA	20	5	30	00	0	0	—	15.3		16	29		14		36	1	0	3	1
'ATBARA	310	2	30	00	0	0	—	14.2		17	30		14		64	10	0	7	2
KHARTÛM	20	10	30	00	0	0	—	13.0		18	32		16		37	3	0	10	4
KASSALA	00	0	30	00	0	0	—	10.6		21	35		17		65	14	0	2	8
WÂD MEDANI	20	5	50	00	0	0	—	12.2		20	35		16		43	7	0	11	12
RENK	360	9	50	00	0	0	—	14.3		25	31		15		30	6	0	0	49
ROSEIRES	340	5	35	00	0	0	—			19	36		14		56	10	0	2	36
EL OBEID	360	9	30	00	0	0	—	13.6		16	31		13		28	-3	0	0	16
EL FÂSHER	00	0	30	00	0	0	—			13	31		11		48	2	0	0	6
GENEINA	50	15	30	00	0	0	—			18	34		15		18	-7	0	—	4
MALAKÂL	20	13	30	00	0	0	—	9.0		22	36		17		22	-1	0	69	88
WÂU	00	0	30	00	0	0	—	9.6		21	37		17		44	8	0	261	147
JUBA	90	2	10	00	0	0	—	8.6		26	39		19		40	11	0	129	152

HUMIDITY % Mean of day

Station	on 13th	Diff. from normal
Alexandria	66	+1
Ezbekîya	61	-1
Gîza	52	-15
Helwân	45	-7

GÎZA GRASS MINIMUM TEMP. ON 14th 0.6 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — FAROUK AIRPORT — On 14th At 3

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	161	13	34	180	13
950					
900					
850	1514	6	36	300	19
800					
700	3084	-1		290	39
600					
500	5687	-20		290	50
400		-36			
300	9241	-44			

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

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

UPPER WIND OBSERVATIONS on 13th

Height m.	Found A.P. 15 Dir.	Vel.	P. Said 14 Dir.	Vel.	Minya 15 Dir.	Vel.
300	230	10	290	18	10	8
600	240	10	290	16	340	9
1000	230	12	280	17	340	10
1500	240	14	270	16	280	12
2000	240	13			320	11
3000					310	10
4000					300	25
5000						
6000						
7000						
8000						

UPPER WIND OBSERVATIONS on 14th

Station	Time	Sîdi Barâni Dir.	Vel.	Matrûh Dir.	Vel.	Fouad Airport 3 Dir.	Vel.	Port Said 4 Dir.	Vel.	El 'Arîsh Dir.	Vel.	Helwân 6 45 Dir.	Vel.	Minya 3 Dir.	Vel.	Asyût Manqabâd Dir.	Vel.	Luxor Dir.	Vel.	Aswân 5 Dir.	Vel.	Hurghada Dir.	Vel.	Dir.	Vel.
300		350	14			320	11	300	15			170	6	10	13					360	4				
600		350	13			310	11	300	10			260	10	10	13					20	17				
1000		350	14			310	20	290	15			280	16	10	14					40	16				
1500						280	22					290	19	10	15					40	15				
2000												290	20							10	24				
3000																									
4000																									
5000																									
6000																									
7000																									
8000																									

Station	Time	Sîwa 5 Dir.	Vel.	Bahariya 5 Dir.	Vel.	Dakhla 5 Dir.	Vel.	Kharga 6 15 Dir.	Vel.	Wâdi Halfa 5 Dir.	Vel.	Abû Hamad Dir.	Vel.	Kareima Dir.	Vel.	Khartûm 4 Dir.	Vel.	Kassala Dir.	Vel.	El Obeid 4 15 Dir.	Vel.	El Fâsher 4 30 Dir.	Vel.	Malakâl 4 Dir.	Vel.
300		360	9	270	7	360	3	20	11	30	12														
600		350	10	300	7	30	4	20	17	40	19					10	15							20	26
1000		310	10	340	9	30	14	20	19	20	21					20	31			30	31	350	9	20	31
1500		350	6	360	16	350	14	360	15	360	9					10	21			40	26	40	12	40	28
2000		350	6	10	13	360	13	10	15	280	8					30	10					50	13		
3000		250	13	320	18			20	7	270	36					40	13					110	7		
4000		270	27	280	18											70	7								
5000		270	33	310	26																				
6000																									
7000																									
8000																									

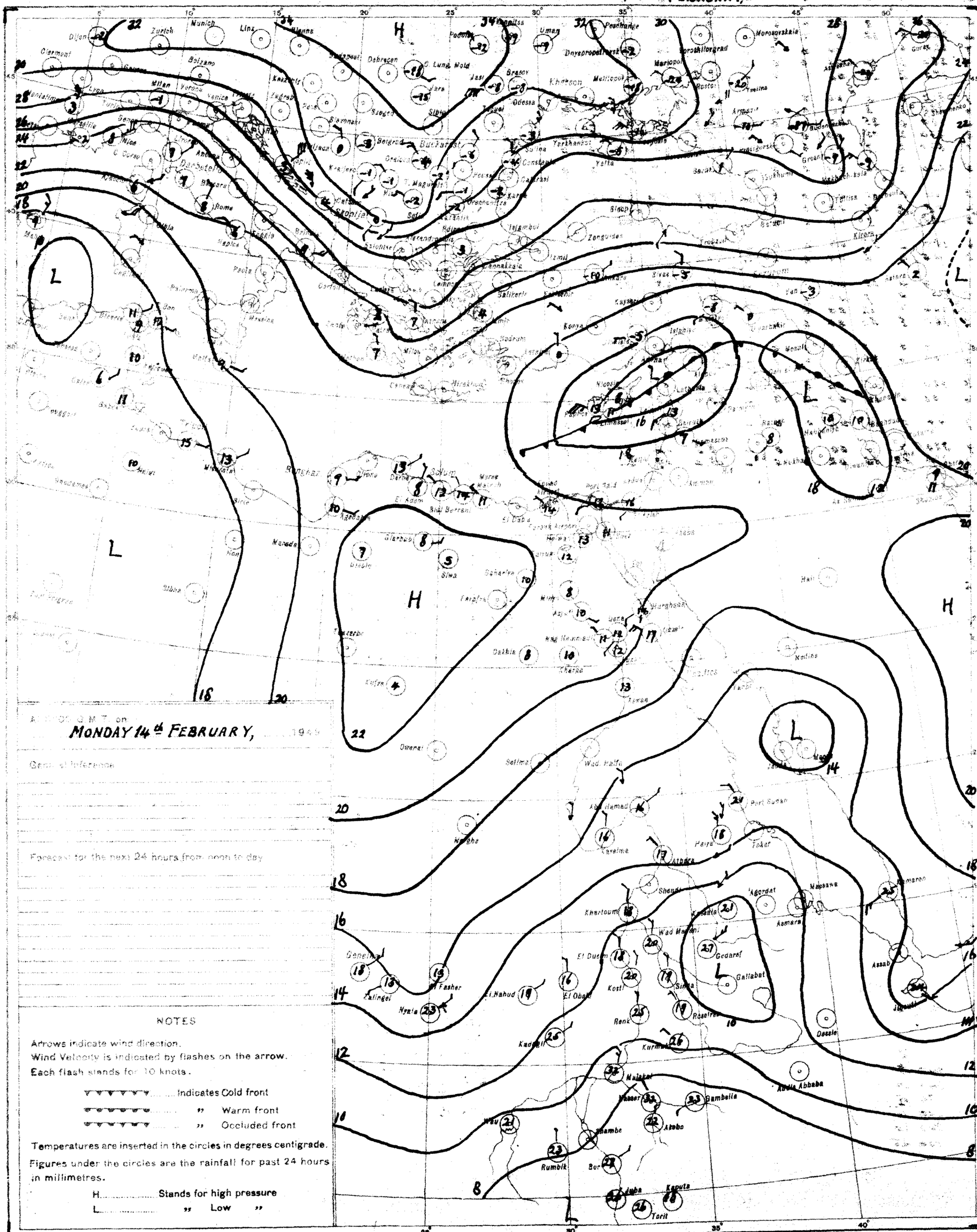
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

F.G

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 14th FEBRUARY, 1949


H
L
Munich
Zurich
Linz
Vienna
Budapest
Bucharest
Odessa
Rome
Naples
Palermo
Malta
Tripoli
Benghazi
Cairo
Khartoum
Asmara
Addis Ababa
Gambella
Aba
Kampala
Nairobi
Mombasa
Dire Dawa
Gondar
Gedaref
Kassala
Port Sudan
Wau
Juba
Kaputa
Torit
Rumbik
Mogadishu
Aden
Hargeisa
Berbera
Kisumu
Tabora
Dar es Salaam
Lusaka
Salisbury
Beira
Tananarive
Tamatave
Diego Suarez
Mauritius
Seychelles
Zanzibar
Mombasa
Port Elizabeth
Cape Town
Windhoek
Walvis Bay
Kimberley
Bloemfontein
Durban
Pretoria
Johannesburg
Lourenço Marques

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 No 7 F.

DAILY WEATHER REPORT

Date: TUESDAY 15th FEBRUARY, 1949

At 1200 on MONDAY 14th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM	40	7	7	02	0	2	Ac	22.2	16	68	10
	62303	SÎDI BARÂNI	340	3	50	01	1	2	Cu,Cu	22.3	15	68	9
	62306	MATRÛH	340	5	18	02	1	6	Sc	22.5	16	77	11
	62309	EL DABA	40	15		02	1	4	Sc,Cu	21.5	18	52	8
		ALEXANDRIA	20	9	50	03	2	6	Cu,Sc	21.2	17	68	11
	62318	FOUAD (Airport)	350	10	18	03	1	6	Cu,Sc	21.2	17	68	11
	62330	DAMIETTA	340	9	15	02	1	3	Cu	21.2	17	68	11
	62333	PORT SA'ÎD	360	6	18	02	1	5	Sc	20.2	16	77	12
	62336	EL 'ARISH	320	5	35	02	0	0	-	20.2	18	60	10
Lower Egypt	62339	DAMANHUR	310	13	15	03	1	4	Cu	21.2	18	52	8
	62342	MANSURA	320	5	35	03	2	4	Cu	20.6	19	52	9
	62348	TANTA	310	8	35	03	1	5	Cu	20.7	21	53	11
	62354	ZAGAZIG	340	2	7	03	1	4	Ac	20.4	20	64	13
	62441	ISMA'ILIA	290	2	7	01	1	5	Sc	21.0	22	36	6
Cairo Area	62366	FAROUK (Airport)	300	8	12	03	0	3	Cu	20.7	20	46	8
	62372	ALMAZA	330	7	30	03	1	3	Sc	20.2	21	50	10
		EZBEKIYA	290	5	35	03	0	3	Cu	20.2	20	46	8
		GÎZA	290	5	35	03	0	3	Cu	20.4	21	44	8
	62378	HELWÂN	290	6	15	03	0	1	Cu	20.3	19	37	4
Upper Egypt	62381	FAIYÛM	00	0	35	03	0	1	Ci	20.4	20	33	3
	62387	MINYA	10	8	18	02	0	1	Ci	20.2	23	24	1
	62393	ASYÛT MANQABÂD	300	9	30	01	0	1	Ci	18.8	23	26	2
	62399	NAG' HAMMÂDI	290	4	35	00	0	0	-	17.6	24	26	3
	62402	QENA	240	5	50	00	0	0	-	17.5	25	28	5
	62405	LUXOR	330	3	30	00	0	1	Ci	17.1	24	18	-2
	62414	ASWÂN	340	3	50	00	0	0	-	16.4	24	21	0
Oases	62417	SÎWA	00	0	15	00	0	0	-	22.7	22	50	11
	62420	BAHARIYA	360	3	35	02	2	5	Ac	21.9	22	21	-1
	62423	FARAFRA	40	4	35	03	1	3	As	21.8	22	21	-1
	62432	DAKHLA	360	3	50	00	0	0	-	18.4	22	29	3
	62435	KHARGA	20	1	35	00	0	0	-	19.2	23	18	-3
Red Sea	62450	SUEZ	00	0	35	02	0	0	-	18.6	22	29	3
	62459	TÔR	340	12	15	00	0	2		17.6	21	50	10
	62462	HURGHÂDA	350	12		01	0	1	Ci	18.0	20	60	12
	62465	QUSEIR	360	13	15	00	0	2	Ci	17.9	22	29	3
	62641	PORT SÛDÂN	40	20	30	01	2	2	Cu	13.9	25	65	18
North Sûdân	62600	WÂDI HALFA	30	15	30	03	1	7	Ci	15.5	24	16	-4
	62640	ABU HAMAD	20	9	30	00	0	0	-	10.9	29		
	62660	KAREIMA	40	13	30	00	0	0	-	11.1	28	19	2
	62680	'ATBARA	360	9	10	00	0	0	-	9.0	31	22	7
	62721	KHARTÛM	20	12	30	02	0	0	-	7.7	31	24	8
	62780	KASSALA	20	9	10	07	0	0	-	5.4	33	23	9
Central Sûdân	62751	WÂD MEDANI	50	9	35	00	0	0	-	5.5	34	20	8
	62801	RENK	360	9	50	00	0	0	-	4.6	30	22	6
	62802	ROSEIRES	310	5	35	00	0	0	-		34	29	13
	62771	EL OBEID	20	14	30	00	0	0	-	6.7	32	12	-1
	62760	EL FÂSHER	20	9	30	00	0	0	-		31	18	4
	62770	GENEINA											
S. Sûdân	62840	MALAKÂL	20	14	30	00	0	0	-	4.0	36	12	2
	62880	WÂU	50	3	30	00	1	0	-	3.5	37	13	4
	62941	JUBA	50	5	30	03	0	1	Cu	1.8	38	15	7

At 1800 on MONDAY 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	SALUM	360	4	7	02	0	2	Ci	23.1	14	77	10	0
62303	SÎDI BARÂNI	70	4	35	03	1	4	Sc,Cu	23.5	14	77	10	0
62306	MATRÛH												
62309	EL DABA	40	15		01	1	2	Cu		16	59	8	0
	ALEXANDRIA	260	11	7	03	2	8	st,Ac	24.2		52	8	0
62318	FOUAD (Airport)	330	8	14	03	2	6	Cu,Ac	23.3	14	67	8	0
62330	DAMIETTA	340	9		01	0	1	Cu	21.6	14	67	8	0
62333	PORT SA'ÎD	350	16	15	02	0	0	-	20.9	14	77	10	0
62336	EL 'ARISH	320	9	7	03	2	7	Cu	21.4	13	82	10	0
62339	DAMANHUR	310	5	7	01	1	0	-	22.8	13	88	11	0
62342	MANSURA	320	5	3	00	1	0	-	22.7	12	77	8	0
62348	TANTA	270	2	35	01	1	0	-	23.1	12	77	8	0
62354	ZAGAZIG	340	2	3	00	1	0	-	22.8	13	88	11	0
62441	ISMA'ILIA	290	2	3	01	1	5	Sc	23.4	14	67	8	0
62366	FAROUK (Airport)	330	7	12	02	1	1	Sc	22.1	16	52	6	0
62372	ALMAZA	310	10	12	02	1		Sc	22.1	15	77	11	0
	EZBEKIYA	360	5	15	01	1	1	Cu	22.7	14	77	10	0
	GÎZA	360	5	15	01	1	1	Cu	22.6	15	72	10	0
62378	HELWÂN	360	15	15	02	0	1	Cb	21.6	15	68	9	0
62381	FAIYÛM	00	0	35	01	0	0	-	21.4	15	59	7	0
62387	MINYA	30	5	12	00	0	0	-	20.7	13	55	4	0
62393	ASYÛT MANQABÂD												
62399	NAG' HAMMÂDI	00	0	15	00	0	0	-	18.7	14	42	1	0
62402	QENA	270	2	7	00	0	0	-	18.4	17	52	7	0
62405	LUXOR	220	3	15	00	0	0	-	17.7	16	34	0	0
62414	ASWÂN	00	0	50	00	0	0	-	17.2	20	30	2	0
62417	SÎWA	00	0	7	00	0	0	-	22.6	18	49	7	0
62420	BAHARIYA	00	0	35	02	1	0	-	21.5	16	49	5	0
62423	FARAFRA												
62432	DAKHLA	320	4	35	00	0	0	-	20.0	18	46	6	0
62435	KHARGA	360	1	15	00	0	0	-	19.6	18	28	-1	0
62450	SUEZ	360	11	15	03	1	2	Cu	20.8	15	77	11	0
62459	TÔR	310	3		00	0	0	-	19.2	17	34	1	0
62462	HURGHÂDA	300	12		00	0	0	-	18.5	20	46	8	0
62465	QUSEIR	330	13	15	02	0	0	-	18.3	19	52	9	0
62641	PORT SÛDÂN												
62600	WÂDI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	'ATBARA												
62721	KHARTÛM												
62780	KASSALA												
62751	WÂD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID												
62760	EL FÂSHER												
62770	GENEINA												
62840	MALAKÂL												
62880	WÂU												
62941	JUBA												

At 0600 on TUESDAY 15th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	40	10	7	03	2	6	As,Ac	27.2	As,Sc,Ac	15	20?		10		68	9	0		
SÎDI BARÂNI	20	15	50	03	1	8	Sc,Cu	27.1		13	16		12		67	7	0	235	
MATRÛH	30	15	12	03	2	7	st,Ac	26.3		13			10		77	9	0		
EL DABA	340	21		03	2	6	Cu	24.2		14			12		55	5	0	142	
ALEXANDRIA	310	10	50	02	2	4	st,Ac	24.6	+7.1	13	19	0	12	+1	67	7	0	244	158
FOUAD (Airport)	340	16	18	02	2	7	Cu,Sc	24.1		14	18		13		55	5	0	239	123
DAMIETTA	340	13		03	1	6	Sc	22.6	+6.0	14	18		—		55	5	0	236	81
PORT SA'ÎD											18							47	
EL 'ARISH	220	2	35	02	2	8	st	22.0	+4.6	13	19	-1	12	+4	67	7	0	66	62
DAMANHUR	360	5	7	03	2	7	As	24.2	+7.6	12	20	-1	8	0	77	8	0	88	73
MANSURA	320	5	15	03	2	7	Sc,Cu	24.2	+7.5	12	21	0	10	+2	77	8	0	37	35
TANTA	270	2	35	03	2	7	Cu	24.3	+7.2	10	22	+1	6	-1	88	8	0	24	22
ZAGAZIG	220	2	3	03	1	8	Ac	23.9	+6.5	10	22	+2	8	+1	88	8	0	14	12
ISMA'ILIA	290	2	3	03	2	8	Sc	23.3		13	23		11		67	7	0	10	
FAROUK (Airport)	290	2	11	03	2	8	Sc	24.2		12	21		10		63	5	0	3	
ALMAZA	340	4	12	02	2	8	Sc	23.9		12	21		10		77	8		4	
EZBEKIYA	360	3	15	03	2	8	Sc	24.7	+7.2	13	22	+1	10	+2	67	7	0	8	16
GÎZA	360	3	15	03	2	8	Sc	24.2	+6.9	12	22	+1	9	+3	72	7	0	14	17
HELWÂN	00	0	7	00	2	7	Sc,Cu	24.2	+6.2	11	20	0	10	+1	77	7	0	15	18
FAIYÛM	00	0	35	02	0	0	-	24.4	+6.9	10	23	+1	6	-1	76	6	0	4	5
MINYA	10	3	8	00	0	1	Ci	23.7		9	24		7		88	7	0	4	
ASYÛT MANQABÂD	340	3	16	00	0	1	Ci	23.4		10	24		6		88	8	0	0	4
NAG' HAMMÂDI	00	0	35	00	0	0	-	21.4	+3.9	13	24		6		55	4	0	0	
QENA	220	5	15	02	1	3	Ci	21.9	+4.9	12	26	+1	7	-1	63	5	0	dr	
LUXOR	00	0	30	02	1	3	Ci	20.3		13	24		5		48	2	0	dr	
ASWÂN	360	4	50	00	0	0	-	19.4	+1.6	13	26	+1	9	-2	55	4	0	dr	
SÎWA	00	0	15	00	0	0	-	26.7	+7.5	11	23	+2	4	-1	63	4	0	0	6
BAHARIYA	90	2	35	02	1	4	As	25.4	+7.2	10	24	+2	6	0	88	8	0	dr	6
FARAFRA																		dr	
DAKHLA	00	0	35	00	0	0	-	22.2	+3.4	13	24	0	7	+1	51	3	0	dr	
KHARGA	360	2	35	00	0	0	-	22.0	+4.0	14	27?	+3	9	+2	55	5	0	0	
SUEZ	00	0	15	00	2	6	Cu	22.6	+5.7	13	24	+3	11	+1	67	7	0	12	11
TÔR	310	2	7	00	0	0	-	21.5	+4.8	17	22	+1	12	+2	60	9	0	0	10
HURGHADA	260	11		00	0	0	-	20.2		14	20		10		77	10	0	dr	
QUSEIR	360	24	15	02	0	0	-	19.5	+3.6	19	23	0	16	+1	52	9	0	0	4
PORT SÛDÂN	330	17	30	03	0	1	Sc,Ac	15.0		21	26		17		74	16	0	34	92
WÂDI HALFA	20	6	30	03	0	1	Ac	18.9		10	26		7		47	-1	0	4	
ABU HAMAD	20	5	30	01	0	1	Ci	15.2		15	30		11		52	5	0	-	
KAREIMA	20	5	30	03	1	6	Ci	15.9		15	29		13		32	-2	0	3	1
'ATBARA	340	5	10	00	0	1	Ci	12.9		17	31		14		56	8	0	7	2
KHARTÛM			30	02	0	0	-			18	32				37	3		10	4
KASSALA	00	0	30	00	0	0	-	10.2		22	35		16		69	16	0	2	2
WÂD MEDANI	50	9	50	00	0	0	-	11.9		19	35		16		49	8	0	11	12
RENK	20					2												0	49
ROSEIRES	340	9	35	00	0	0	-			21	39		18		50	10	0	2	36
EL OBEID	350	11	30	00	0	0	-	13.5		18	33		15		30	0	0	0	16
EL FÂSHER	00	0	30	00	0	0	-			14	33		12		45	2	0	0	6
GENEINA	20	13	30	00	0	0	-			17	35		17		15	-10	0	0	4
MALAKÂL	20	11	30	03	0	2	Ac	10.0		23	38		19		32	5	0	69	88
WÂU							Ac	10.0		21	38		19		26	1	0	261	147
JUBA	310	2	30	01	8	2	Ac	8.5		29	39		22		27	8	dr	129	152

HUMIDITY % Mean of day

Station	on 14th	Diff. from normal
Alexandria	59	-6
Ezbekîya	62	0
Gîza	57	-10
Helwân	53	+2

GÎZA GRASS MINIMUM TEMP.

ON 15th 4.5 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

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

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

UPPER WIND OBSERVATIONS on 14th

Height m.	Fouad A.P. Dir.	Vel.			P. Said Dir.	Vel.			Minia Dir.	Vel.																
Time	15				14				14 30																	
300	350	15			340	15			360	16																
600	360	12			340	14			360	16																
1000	340	33			320	18			350	17																
1500	300	45			270	16			320	23																
2000					320	16			320	16																
3000																										
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 15th

Station	Sîdi Barâni Dir.	Vel.	Matrûh Dir.	Vel.	Fouad Airport Dir.	Vel.	Port Said Dir.	Vel.	El 'Arîsh Dir.	Vel.	Helwân Dir.	Vel.	Minya Dir.	Vel.	Asyût Manqabâd Dir.	Vel.	Luxor Dir.	Vel.	Aswân Dir.	Vel.	Hurghada Dir.	Vel.	Farouk Dir.	Vel.
Time	5										6	45	3		9		6	15	5		9		3	
Height m.																								
300	10	27									340	4	10	26	350	9	320	3	10	9	320	34	350	11
600	20	26									350	20	10	36	350	14	360	8	30	21	290	23	340	15
1000	10	23									350	16	10	36	320	35	10	20	40	34	300	23	340	16
1500	20	17											340	23	330	24	350	10	50	19	310	22	320	19
2000													320	23	330	18	330	14	30	15			310	33
3000																	300	20					310	38
4000																							290	44
5000																								
6000																								
7000																								
8000																								

Station	Sîwa Dir.	Vel.	Bahariya Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Wâdi Halfa Dir.	Vel.	Abû Hamad Dir.	Vel.	Kareima Dir.	Vel.	Khartûm Dir.	Vel.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fâsher Dir.	Vel.	Malakâl Dir.	Vel.
Time	5		5		5		6	15											4	30	5			
Height m.																								
300	80	21	40	19	360	3	10	17																
600	90	25	30	28	20	7	10	28																
1000	70	16	30	27	20	26	10	33											30	6	330	9		
1500	340	17	340	28			30	11											30	30	40	23		
2000	360	11	340	33			10	10											50	27				
3000	310	13	340	16																				
4000																								
5000																								
6000																								
7000																								
8000																								

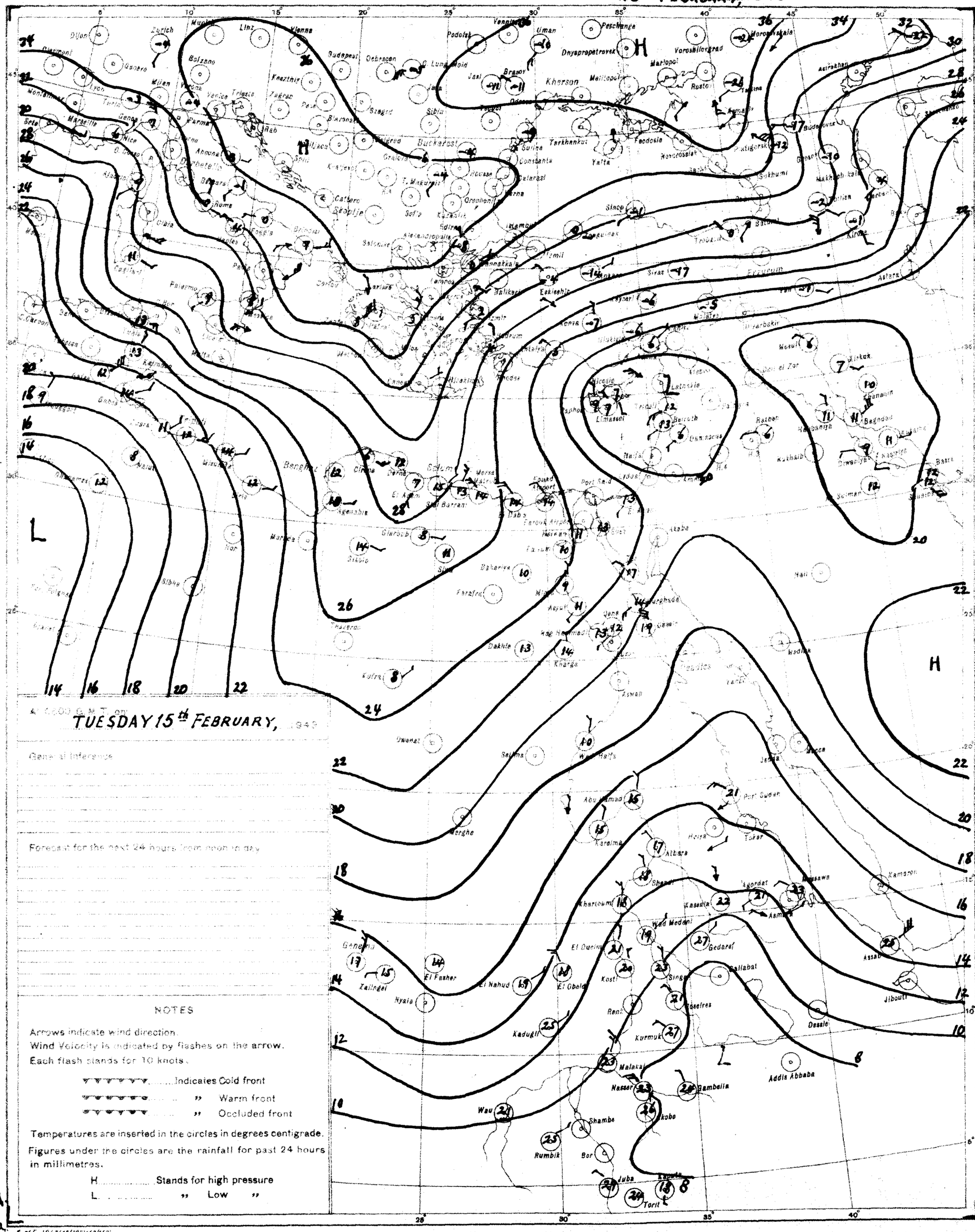
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 15th FEBRUARY, 1949


TUESDAY 15th FEBRUARY,
H
L
Kherson
Dnyepropetrovsk
Voroshilovgrad
Marlopol
Rostov
Odessa
Sevastopol
Yalta
Feodosia
Tarkhankut
Constanta
Bucharest
Budapest
Vienna
Linz
Munich
Zurich
Milan
Venice
Trieste
Genoa
Marseille
Nice
Palermo
Malta
Tripoli
Benghazi
Alexandria
Port Said
Cairo
Khartoum
Asmara
Massawa
Addis Ababa
Jibouti
Dessie
Gambella
Malakal
Nasser
Wau
Juba
Torit
Rumbik
Bor
Shambe
Kadugli
Kurmuk
Gedaref
Kassala
Wad Medani
El Obeid
El Nahud
El Fasher
Zalingei
Nyala
Genena
Port Sudan
Tokar
Kamaran
Aden
Basra
Baghdad
Beirut
Damascus
Haifa
Mosul
Diyarbakir
Erzurum
Ankara
Sinop
Trabzon
Batum
Kiroveabad
Astrakhan
Makhach kala
Sukhumi
Budenovsk
Stavropol
Novorossiysk
Peschanye
Uman
Podolsk
Jassy
Brasov
Sibiu
Szeged
Debrecen
Bologna
Rome
Naples
Palermo
Cagliari
Algiers
Tunis
Tripoli
Benghazi
Tobruk
Alexandria
Port Said
Suez
Aswan
Wadi Halfa
Khartoum
Kassala
Gedaref
Gallabat
Dessie
Addis Ababa
Jibouti
Massawa
Asmara
Kamaran
Aden
Port Sudan
Tokar
Khartoum
Wadi Medani
El Obeid
El Fasher
El Nahud
Zalingei
Nyala
Kadugli
Kurmuk
Malakal
Nasser
Gambella
Wau
Juba
Torit
Rumbik
Bor
Shambe
Akobo
Kassala
Gedaref
Sinder
Kosti
Renk
Khartoum
Omdurman
Khartoum North
Wadi Halfa
Aswan
Luxor
Asyut
Kharga
Dakhla
Kufra
Sebha
Murzuk
Tripoli
Benghazi
Tobruk
Derna
Bardia
Sidi Barrani
Mersa Matruh
Alexandria
Cairo
Port Said
Suez
Ismailia
Tanta
Mansura
Zagazig
Damietta
Rosetta
Alexandria
Beirut
Haifa
Jerusalem
Amman
Damascus
Latakia
Tripoli
Homs
Aleppo
Mosul
Kirkuk
Diyarbakir
Baghdad
Basra
Kuwait
Bahrein
Hasa
Muscat
Aden
Kamaran
Massawa
Asmara
Addis Ababa
Dessie
Jibouti
Berbera
Mogadishu
Kismayu
Lamu
Mombasa
Tanga
Dar es Salaam
Zanzibar
Tabora
Mwanza
Kisumu
Nairobi
Eldoret
Kampala
Entebbe
Gondar
Addis Ababa
Asmara
Massawa
Kassala
Khartoum
Wadi Medani
Gedaref
Gallabat

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 No 7 F.

DAILY WEATHER REPORT

Date: Wednesday 16th February, 1949

At 1200 on Tuesday 15th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM	40	7	7	03	2	7	Fs,Fc	27.6	16	59	8
	62303	SIDI BARANI	360	6	50	02	1	8	Sc,Cu	27.8	14	63	8
	62306	MATRUH	20	16	14	02	2	8	St	26.8	14	88	12
	62309	EL DABA	290	18		01	1	5	Cu	24.0	14	42	1
		ALEXANDRIA	330	26	50	02	2	6	Cu,Sc	23.8	14	48	3
	62318	FOUAD (Airport)	330	21	18	02	2	5	Sc	24.1	14	45	2
	62330	DAMIETTA	320	19	15	02	1	5	Sc	21.5	15	59	7
	62333	PORT SAID	320	22	12	02	2	5	Sc	21.3	15	63	8
	62336	EL 'ARISH	240	13	35	01	1	2	Cu	20.6	16	59	8
Lower Egypt	62339	DAMANHUR	360	19	7	01	1	4	Cu	24.0	15	59	7
	62342	MANSURA	360	5	35	03	2	6	Cu,Sc	23.1	16	49	5
	62348	TANTA	310	13	18	02	2	7	Cu	23.4	15	59	7
	62354	ZAGAZIG	220	2	7	01	1	4	Ac	23.1	16	59	8
	62441	ISMAILIA	290	9	7	02	1	4	Sc	21.6	18	37	3
Cairo Area	62366	FAROUK (Airport)	290	19	30	01	2	4	Sc	23.6	16	49	5
	62372	ALMAZA											
		EZBEKIYA	320	16	35	01	1	4	Sc	22.8	17	52	7
		GIZA	320	16	35	01	1	4	Sc	22.7	16	42	3
	62378	HELWAN	320	16	35	02	1	1	Cu	22.3	15	48	4
Upper Egypt	62381	FAIYUM	360	8	35	02	0	0	-	22.7	17	42	4
	62387	MINYA	20	17	14	03	0	3	Cu	22.0	19	43	6
	62393	ASYUT MANQABAD	340	18	30	02	0	3	Cu	20.7	19	32	2
	62399	NAG' HAMMADI	270	2	35	00	0	3	Ac	18.2	22	27	2
	62402	QENA	220	2	50	02	1	4	Cu	18.7	26	30	7
	62405	LUXOR	340	9	30	01	1	2	Cu	17.6	24	18	-2
	62414	ASWAN	360	9	50	00	0	0	-	17.1	25	21	1
Oases	62417	SIWA	320	16	15	00	0	0	-	27.0	20	46	8
	62420	BAHARIYA	360	4	35	02	1	4	As	23.3	18	46	6
	62423	FARAFRA											
	62432	DAKHLA	360	11	50	00	0	1	St	21.1	22	44	9
	62435	KHARGA	20	4	35	00	0	0	-	20.2	22		
Red Sea	62450	SUEZ	310	8	35	01	0	2	Cu	20.4	18	37	3
	62459	TOR	290	11	7	00	0	0	-	19.1	17	64	10
	62462	HURGHADA	330	20		02	1	1	Cu	17.6	19	64	12
	62465	QUSEIR	360	19	15	00	0	2	Cu	18.6	21	57	12
	62641	PORT SUDAN											
North Sudan	62600	WADI HALFA											
	62640	ABU HAMAD											
	62660	KAREIMA											
	62680	'ATBARA											
	62721	KHARTUM											
	62730	KASSALA											
Central Sudan	62751	WAD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID											
	62760	EL FASHER											
	62770	GENEINA											
S. Sudan	62840	MALAKAL											
	62880	WAU											
	62941	JUBA											

At 1800 on Tuesday 15th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
SALUM	360	11	7	02	2	6	Fs,Fc	28.7	13	67	7	0
SIDI BARANI	360	17	35	01	5	2	Cu	29.2	12	63	5	do
MATRUH	30	24	12	01	2	6	Sc	28.2	11	82	8	0
EL DABA	290	10		01	1	3	Cu	26.3	13			0
ALEXANDRIA	310	24	3	03	2	8	St,Ac	25.0	11	77	7	0
FOUAD (Airport)												
DAMIETTA	320	30		03	2	7	Cu,Sc	20.3	12	63	5	0
PORT SAID	320	31	10	02	2	4	Sc	21.2	12	55	3	0
EL 'ARISH	270	19	7	55	5	8	St	19.0	13	55	4	Rain
DAMANHUR	330	30		18	2	7	Ac,Cu	24.2	11	63	4	0
MANSURA	340	13	3	00	1	0	-	23.1	11	63	4	0
TANTA	310	17	35	02	2	6	Cu	24.4	12	55	3	0
ZAGAZIG	320	2	3	03	2	8	Cu	24.4	11	77	7	0
ISMAILIA	290	5	15	03	2	8	As	23.6	12	55	3	0
FAROUK (Airport)	310	16	12	01	1	4	Sc	24.0	11	63	4	0
ALMAZA												
EZBEKIYA	320	8	15	50	2	8	Sc	24.6	12	55	3	do
GIZA	320	8	15	50	2	8	Sc	24.4	12	55	3	do
HELWAN	320	17	15	03	2	8	Sc	23.9	12	51	2	0
FAIYUM	200	5	35	02	0	0	-	24.6	13	44	1	0
MINYA	10	15	12	00	0	0	-	24.4	13	48	2	0
ASYUT MANQABAD												
NAG' HAMMADI	290	1	35	00	0	0	-	21.0	14	55	5	0
QENA	240	9	7	01	1	3	Cu	19.1	18	37	3	0
LUXOR	300	8				0	-	19.5	16	39	2	0
ASWAN	360	9	50	00	0	0	-	18.6	21	31	3	0
SIWA	320	12	7	00	0	0	-	26.6	15	59	7	0
BAHARIYA	360	5	35	02	1	4	As	26.3	13	55	4	0
FARAFRA												
DAKHLA	320	11	35	00	0	0	-	22.0	16	59	8	0
KHARGA	20	12	15	00	0	0	-	21.6	17	34	1	0
SUEZ	310	15	15	09	2	7	Sc,Cu	22.2	13	44	1	0
TOR	310	11	7	00	0	0	-		17	68	11	0
HURGHADA	290	19		00	0	0	-	18.7	17	60	9	0
QUSEIR	330	13	15	02	0	0	-	17.5	19	64	12	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on Wednesday 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.	Bar. Pressure Diff. from normal mbs.	Temp. Dry Bulb	Temp. Maximum Yesterday	Temp. Maximum Diff. from normal	Temp. Minimum Today	Temp. Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	360	7	7	02	2	5	Cu,Sc,Ac	28.8		13	16		9		55	4	0		
SIDI BARANI	20	5	50	03	1	6	Sc,Cu	30.2		12	15		10		55	3	dr.	235	
MATRUH	40	12	12	02	2	6	Sc	29.2		12	15		10		63	5	0		
EL DABA	360	10		01	1	4	Cu	26.4		13			10		55	4	0	142	
ALEXANDRIA	360	9	50	01	2	6	Cu,Sc	26.4	+8.9	12	15	-4	11	0	55	3	0	244	159
FOUAD (Airport)	360	12	14	03	2	7	Cu,Sc	26.2		13			10		48	2	0	239	124
DAMIETTA	360	9	3	01	1	3	Cu	24.7	+8.1	12	16		7		55	3	0	236	82
PORT SAID	360	23	10	02	1	3	Sc	24.1		12	16		8		55	3	0.1	47	
EL 'ARISH	240		35	01	1	4	Sc,Cu	23.3	+5.9	11	18	-2	8	0	51	1	Rain		63
DAMANHUR	20	5	7	02	2	7	Ac	26.4	+9.8	10	16	-5	7	-1	88	8	0	88	73
MANSURA	360	5	35	00	0	0	-	25.8	+9.1	10	17	-4	7	-1	62	3	0	37	36
TANTA	310	5	35	02	1	0	-	26.2	+9.1	7	17	-4	3	-4	71	2	0	24	28
ZAGAZIG	320	2	7	00	1	0	-	25.1	+7.8	8	18	-3	5	-2	88	6	0	14	18
ISMAILIA	340	2	3	01	1	3	Sc	25.0		11	19		8		51	1	0	10	
FAROUK (Airport)	360	9	10	02	1	5	Sc	25.9		7	17		6		66	1	0	3	
ALMAZA	360	8	10	02	1	4	Sc	26.0		8			6		94	7	0	4	
EZBEKIYA	360	13	15	01	1	1	Cu	26.3	+8.8	9	18	-3	7	-1	62	2	dr.	8	17
GIZA	360	13	15	01	1	1	Cu	25.9	+8.5	10	18	-3	5	-1	62	3	dr	14	17
HELWAN	320	12	15	00	1	5	Cu,Ci	25.6	+7.6	8	16	-4	7	-2	58	0	0	15	18
FAIYUM	360	8	35	03	2	6	St	26.7	+9.3	9	18	-4	6	-1	62	2	0	4	6
MINYA	10	6	8	10	0	1	Cu	25.9		7	19		3		49	-3	0	4	
ASYUT MANQABAD	320	3	18	00	0	0	-	25.5		7	20		4		71	2	0	0	
NAG' HAMMADI	360	4	15	00	0	2	Cu	23.3	+5.8	10	23		9		50	0	0	0	
QENA	320	2	15	00	0	0	-	22.8	+5.9	10	27	+2	7	-1	50	0	0	dr	
LUXOR	320	12	18	00	0	1	Cu	22.2		10	25		8		38	-4	0	dr	
ASWAN	360	11	50	00	0	0	-	22.2	+4.4	11	26	+1	9	-2	54	2	0	dr	
SIWA	00	0	15	00	0	0	-	29.6	+10.5	9	21	0	3	-2	62	2	0	0	6
BAHARIYA	360	4	35	02	1	4	Ac	27.9	+9.8	8	19	-3	5	-1	58	0	0	dr	6
FARAFRA																		dr	
DAKHLA	320	8	35	00	0	0	-	26.0	+7.3	9	22	-2	7	0	62	2	0	dr	
KHARGA	360	4	35	00	0	0	-	25.0	+7.1	10	22	-2	8	+1	62	3	0	0	
SUEZ	310	8	15	00	0	2	Cu	23.5	+6.6	10	20	-1	8	-2	50	0	0	12	11
TOR	340	12	7	00	0	0	-	21.0	+4.4	16	18	-3	5	-5	32	-1	0	0	11
HURGHADA	290	23		00	0	0		20.4		12	20		11		63	5	0	dr	
QUSEIR	360	24	15	00	0	2	Ac	19.8	+4.0	13	22	-1	11	-4	34	-3	0	0	4
PORT SUDAN	340	12	30	01	2	3	Ac,Ci	14.9		21	27		17		65	14	0	34	92
WADI HALFA	10	19		07	0	0	-	22.3		11	29		10		54	2	0	24	
ABU HAMAD	20	19	30	00	0	0	-	16.8		16	30		14		59	8	0	0	
KAREIMA	20	11	30	00	0	0	-	17.7		16	30		14		26	-4	0	3	1
'ATBARA	340	9	10	00	0	0	-	15.0		17	31		15		49	6	0	7	2
KHARTUM	20	4	30	00	0	0	-	14.5		18	33		15		30	0	0	10	4
KASSALA	50	5	50	01	0	4	St	12.2		23	35		17		84	20	0	2	8
WAD MEDANI	360	13	50	00	0	0	-	13.4		19	35		15		56	10	0	11	12
RENK	50	9	50	00	0	0	-	14.0		19	30		15		40	5	0	0	49
ROSEIRES	340	9	35	00	0	0	-	-		21	38		18		44	8	0	2	36
EL OBEID	10	12	30	00	0	0	-	14.7		19	33		13		12	-11	0	0	16
EL FASHER	20	5	30	00	0	0	-	-		15	33		11		39	1	0	0	6
GENEINA	50	19	30	00	0	0	-	-		18	34		17		10	-15	0	0	4
MALAKAL	20	16	30	01	0	1	Ac	11.1		24	37		20		13	-7	0	69	88
WAU	00	0	30	02	1	7	Ac	11.4		20	37		19		49	9	0	261	147
JUBA	270	2	50	02	1	2	Ac	9.3		27	39		20		42	13	0	129	153

HUMIDITY % Mean of day

Station	on 15th	Diff. from normal
Alexandria	51	-14
Ezbekiya	55	-7
Giza	56	-11
Helwan	55	+4

GIZA GRASS MINIMUM TEMP. ON 16th 1.8 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — ..... AIRPORT

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

RAWINSONDE — ..... AIRPORT

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

RAWINSONDE — ..... AIRPORT

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

UPPER WIND OBSERVATIONS on 15th

Station			P. Said				Minia																	
Time			14				15																	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			290	29			350	27																
600			290	23			340	30																
1000							340	27																
1500							340	27																
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 16th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		Farouk	
Time	5										6 45		3		9		6		5		9		3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	20	9									10	16	330	23	360	21	300	7	350	29	330	17	350	21
600	30	10									20	27	360	35	350	16	340	20	350	40	330	16	10	31
1000	40	10									20	35	360	52	330	15	360	19	360	21	320	18	10	34
1500											20	37	10	61					360	50			10	39
2000																							360	54
3000																							360	46
4000																							340	56
5000																								
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	5		5		5		6		5		4		5		4 15				4 30		5		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	30	23	360	28	360	15	360	12	10	22														
600	40	23	10	37	10	17	360	28	10	38	30	22	30	26	10	17							10	23
1000	50	21	20	32	20	26	360	30	10	42	70	34	30	26	30	31			20	18	360	17	40	33
1500	20	20	20	33	20	56					10	24	20	26	30	34			30	25	50	10	40	20
2000	20	19	20	38							350	17	360	25	20	31			40	17	80	12	20	14
3000	330	22											300	21	20	18							80	11
4000	330	17													40	16								
5000	330	26																						
6000																								
7000																								
8000																								

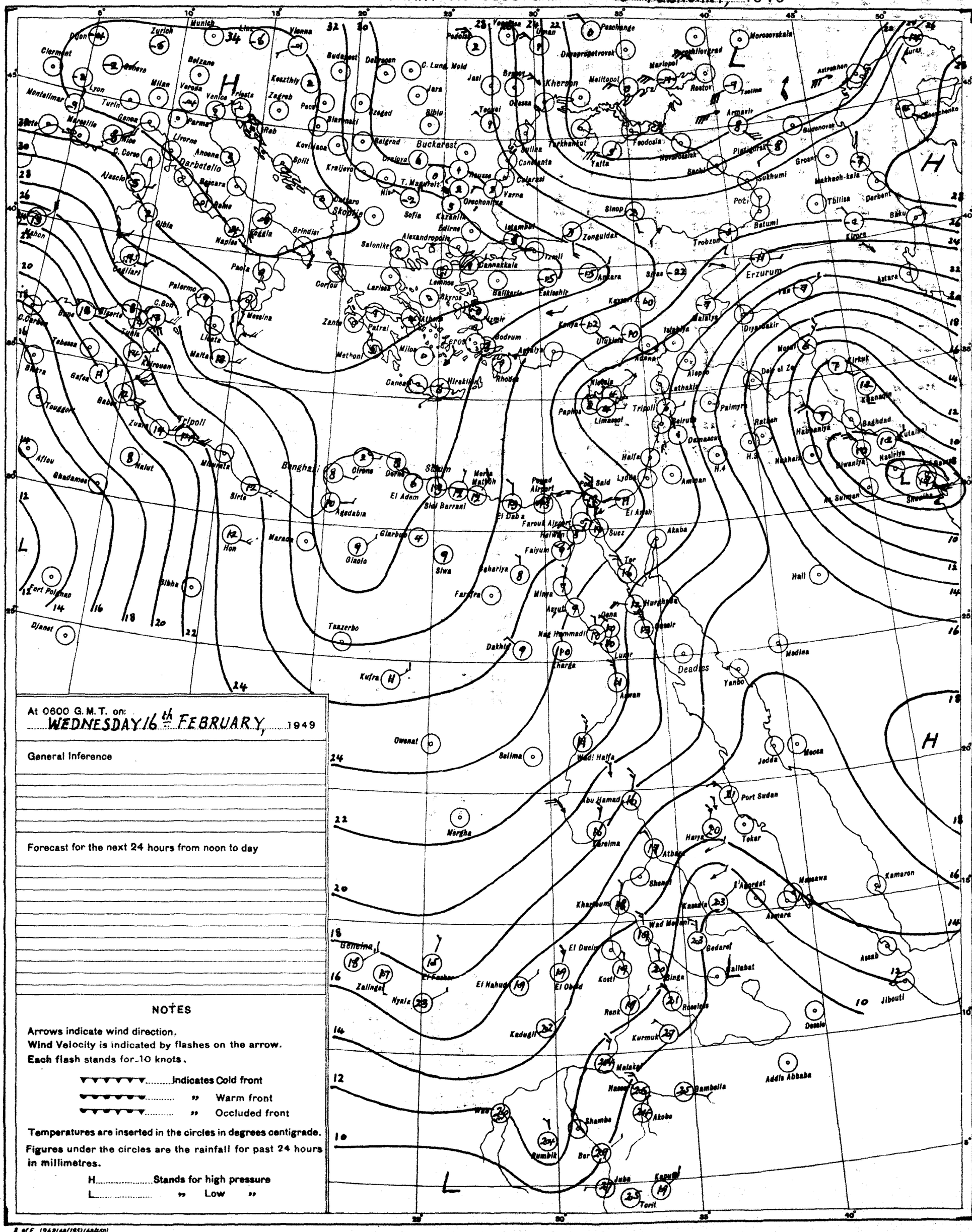
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 16th FEBRUARY, 1949


Munich
Zurich
Vienna
Budapest
Debrecen
Kherson
Odessa
Bucharest
Constanta
Sofia
Istanbul
Ankara
Erzurum
Tbilisi
Baku
Batumi
Trabzon
Sinop
Zonguldak
Salonika
Athens
Rhodes
Malta
Tripoli
Benghazi
Cairo
Suez
Aden
Khartoum
Port Sudan
Asmara
Addis Ababa
Jibouti
Nairobi
Mombasa
Mogadishu
Dakar
Tamanrasset
Fort Polignac
Djanet
Kufra
Owenat
Bilma
Mergha
Tabora
Tanga
Zanzibar
Dar es Salaam
Lusaka
Salisbury
Bulawayo
Pretoria
Durban
Cape Town
Windhoek
Walvis Bay
Luanda
Leopoldville
Stanleyville
Elisabethville
Tananarive
Port Louis
Mauritius
Seychelles
Aden
Jedda
Mecca
Medina
Khartoum
Wadi Halfa
Abu Hamad
Kassala
Gedaref
Addis Ababa
Dessie
Asab
Kamaron
Massawa
Asmara
Port Sudan
Tokar
Harar
Berbera
Mogadishu
Kisumu
Nairobi
Mombasa
Dar es Salaam
Tabora
Tanga
Zanzibar
Lusaka
Salisbury
Bulawayo
Pretoria
Durban
Cape Town
Windhoek
Walvis Bay
Luanda
Leopoldville
Stanleyville
Elisabethville
Tananarive
Port Louis
Mauritius
Seychelles
Dakar
Tamanrasset
Fort Polignac
Djanet
Kufra
Owenat
Bilma
Mergha
Tabora
Tanga
Zanzibar
Dar es Salaam

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 No 7 F.

DAILY WEATHER REPORT

Date: THURSDAY 17th FEBRUARY, 1949

At 1200 on WEDNESDAY 16th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
MEDITERRANEAN	62300	SALÛM	140	10	7	01	0	3	Ac	28.4	15	59	7
	62303	SÎDI BARÂNI	320	5	50	02	1	6	Cu	28.3	14	55	5
	62306	MATRÛH	20	13	14	02	2	6	Sc	28.5	15	55	6
	62309	EL DABA	340	17		01	1	3	Cu		14	52	4
		ALEXANDRIA	360	11	50	02	2	6	Cu.Sc	24.8	14	55	5
	62318	FOUAD (Airport)	310	23	18	02	1	4	Sc	25.0	15	48	4
	62330	DAMIETTA	320	5	15	02	1	5	Cu	23.5	14	55	5
	62333	PORT SA'ÎD	220	12	14	01	1	2	Sc	23.4	14	55	5
	62336	EL 'ARISH	320	29	35	01	1	3	Cu	22.6	13	44	1
LOWER EGYPT	62339	DAMANHUR	360	13	15	01	1	4	Cu	25.1	15	59	7
	62342	MANSURA	360	5	35	03	2	6	Sc.Cu	24.3	15	48	4
	62348	TANTA	360	13	35	03	1	3	Cu	24.3	16	42	3
	62354	ZAGAZIG	340	2	7	03	1	4	Ac	24.6	16	49	5
	62441	ISMA'ILÎA	340	9	7	03	1	4	Sc	23.5	16		
CAIRO AREA	62366	FAROUK (Airport)	360	16	30	03	1	3	Cu	24.3	15	42	2
	62372	ALMÂZA	340	12	30	01	1	3	Cu	23.7	15	48	4
		EZBEKÎYA	360	8	35	01	1	1	Cu	24.4	16	42	3
		GÎZA	360	8	35	01	1	1	Cu	24.2	16	34	0
	62378	HELWÂN	340	15	15	02	1	3	Cu.Ci	23.9	15	30	-3
UPPER EGYPT	62381	FAIYÛM	360	11	35	01	0	0	-	24.3	16	32	-1
	62387	MINYA	20	13	12	00	0	0	-	23.3	17	26	-3
	62393	ASYÛT MANQABÂD	360	13	30	07	0	0	-	21.9	16	28	-3
	62399	NAG' HAMMÂDI	290	4	35	00	0	0	-	20.4	18	32	1
	62402	QENA	290	9	50	00	0	0	-	19.9	19	30	1
	62405	LUXOR	340	9	30	00	0	0	-	19.9	18	22	-4
	62414	ASWÂN	360	11	50	00	0	0	-	19.8	16	49	5
OASES	62417	SÎWA	00	0	15	00	0	0	-	28.8	17	68	11
	62420	BAHARÎYA	360	4	35	02	1	3	Ac	25.2	16	42	3
	62423	FARAFRA	140	10	35	03	1	5	Cs	25.0	16	42	3
	62432	DAKHLA	360	11	35	03	1	3	St.Ac	23.3	15	39	1
	62435	KHARGA	20	11	35	00	0	0	-	22.2	16	32	-1
RED SEA	62450	SUEZ	360	7	35	01	0	0	-	21.5	16	32	-1
	62459	TÛR											
	62462	HURGHÂDA	320	17		00	1	0	-	19.9	16	52	6
	62465	QUSEIR											
	62641	PORT SÛDÂN	140	19	10	07	1	5	Cu.Ac	14.1	25	70	19
NORTH SÛDÂN	62600	WÂDI HALFA	360	17	7	07	0	0	-	19.9	17	26	-3
	62640	ABU HAMAD											
	62660	KAREIMA	360	16	10	00	0	0	-	14.4	27	10	-7
	62680	'ATBARA	340	13	4	07	0	0	-	10.5	30	11	-4
	62721	KHARTÛM	20	15	11	07	0	0	-	10.7	31	19	5
	62780	KASSALA	50	9	30	00	0	0	-	6.3	33	36	16
CENTRAL SÛDÂN	62751	WÂD MEDANI	360	13	35	00	0	0	-	8.3	33	14	2
	62801	RENK	50	9	50	00	0	0	-	8.2	32	17	4
	62802	ROSEIRES	310	5		00	0	0	-		36	22	11
	62771	EL OBEID	10	19	30	00	0	0	-	9.7	31		
	62760	EL FÂSHER	70	18	10	05	0	0	-		28	29	8
	62770	GENEINA	50	22	10	00	0	2	Ci		28	20	3
S. SÛDÂN	62840	MALAKÂL	20	15	30	00	0	0	-	6.2	37	9	-1
	62880	WÂU	230	3	30	00	0	0	-	6.3	35	10	-1
	62941	JUBA	160	5	10	03	1	1	Cu.Ac	2.8	37	25	14

At 1800 on 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	5	7?	01	0	0	-	27.6	11	77	7	0
SÎDI BARÂNI	320	6	35	02	1	6	Sc,Cu	27.6	12	63	5	0
MATRÛH	350	15	12	02	2	5	Sc	26.8	12	59	4	0
EL DABA	320	10		01	0	0	-	26.3	13	67	7	0
ALEXANDRIA	330	13	3	01	2	5	St	25.4	13	56	4	0
FOUAD (Airport)	350	15	18	02	2	6	St	24.7	13	48	2	0
DAMIETTA	320	9		01	0	1	Cu	23.1	12	55	3	0
PORT SA'ÎD	320	13	12	01	2	2	Sc	23.1	13	63	6	0
EL 'ARISH	340	5	7	03	2	7	Sc,Cu	22.7	13	55	4	0
DAMANHUR	360	5	7	01	1	2	Cu	25.2	11	77	7	0
MANSURA	340	5	3	00	1	0	-	24.3	11	63	4	0
TANTA	310	8	35	03	2	7	Cu	25.0	10	76	6	0
ZAGAZIG	320	2	3	00	1	0	-	24.6	8	95	8	0
ISMA'ILÎA	360	5	3	03	2	6	Cb	23.8	12	59	4	0
FAROUK (Airport)	310	7	12	02	1	2	Sc	25.6	11	63	4	0
ALMÂZA	340	9	14	01	1	2	Sc	24.7	12	67	6	0
EZBEKÎYA	320	1	15	02	1	1	Cu	25.0	12	63	5	0
GÎZA	320	1	15	02	1	1	Cu	24.8	10	67	4	0
HELWÂN	340	9	7	02	1	3	Cu	24.7	12	55	3	0
FAIYÛM	00	0	35	02	0	0	-	25.6	12	56	3	0
MINYA	20	4	8	00	0	0	-	24.3	9	34	6	0
ASYÛT MANQABÂD	290	1	35	00	0	0	-	22.3	11	51	1	0
NAG' HAMMÂDI	240	5	7	00	0	0	-	20.8			-1	0
QENA	00	0	12	00	0	0	-	20.6	12	HH	0	0
LUXOR	360	10	50	00	0	0	-	20.4	14	52	4	0
ASWÂN	00	0	7	00	0	0	-	28.7	14	55	5	0
SÎWA	360	5	35	02	1	0	-	25.1	11	51	1	0
BAHARÎYA												
FARAFRA	320	8	35	00	0	0	-	24.0	12	55	3	0
DAKHLA	360	2	13	00	0	0	-	23.8	13	51	3	0
KHARGA	00	0	15	03	0	3	Cu	22.8	11	63	4	0
SUEZ												
TÛR	260	8		00	0	0	-	21.2	14	52	4	0
HURGHÂDA	330	24	15	02	0	0	-	20.6	17	42	4	0
QUSEIR												
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on THURSDAY 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.	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	8	7	03	0	0	-	25.9		11	15		6		77	7	0		
SÎDI BARÂNI	340	9		01	1	1	Sc.Cu	25.6		14	14		11		72	7	0	235	-
MATRÛH	10	8	18	03	1	5	Sc	25.4		12	15		8		63	5	0		
EL DABA	320	19		01	2	4	Cu	22.2		13			11		67	7	0	142	
ALEXANDRIA	360	10	50	02	2	4	Cu.Sc	23.1	+3.7	14	16	-3	12	+1	55	5	0	244	160
FOUAD (Airport)	340	10	14	02	2	7	Cu.Sc	22.8		14	16		12		59	6	0	239	125
DAMIETTA	320	5		12	1	5	Sc	22.4	+5.8	10	14		4		76	6	0	236	82
PORT SA'ÎD	260	6	12	02	1	5	Sc	22.0		12	15		10		77	8	0	47	
EL 'ARISH	220	2	35	01	1	5	Cu	21.8	+4.5	14	14	-6	8		55	5	0		63
DAMANHUR	330	5	7	03	2	6	Cu	23.5	+7.0	11	16	-5	7	-1	77	7	0	88	74
MANSURA	270	2	35	03	2	5	Sc,Cu	23.1	+6.4	10	16	-5	5	-3	76	6	0	37	36
TANTA	220	2	15	02	2	7	Cu	23.6	+6.6	8	17	-4	4	-3	88	6		24	29
ZAGAZIG	220	2	7	03	1	4	Cu	23.8	+6.5	9	18	-3	5	-2	88	7	0	14	19
ISMA'ILÎA	290	2	3	01	1	4	Sc	23.0		9	16		7		71	4	0	10	
FAROUK (Airport)	220	6	6	05	2	8	Sc	24.1		10	16		8		76	6	0	3	
ALMÂZA											16							4	
EZBEKÎYA	200	2	7	10	8	8	Sc	23.8	+6.4	10	17	-4	8	0	76	6	0	8	17
GÎZA	200	2	7	10	2	8	Sc	23.9	+6.5	10	16	-5	4	-2	71	5	0	14	17
HELWÂN	140	3	3	06	2	8	Sc	24.2	+6.3	9	15	-5	7	-2	71	4	0	15	18
FAIYÛM	330	4	35	03	1	3	St	24.7	+7.4	10	16	-6	7	0	76	6	0	4	6
MINYA	00	0	8	00	0	0	-	24.9		8	17		2				0	4	
ASYÛT MANQABÂD	290	3	18	00	0	0	-	24.3		8	20		4		62	1	0	0	
NAG' HAMMÂDI	00	0	15	00	0	0	-	23.9	+6.5	11	19		5		51	1	0	0	
QENA	240	5	15	00	0	0	-	23.0	+6.2	10	21	-4	5	-3	76	6	0	dr.	
LUXOR	320	9	30	00	0	1	Ci	22.8		10	19		6		50	0	0	dr.	
ASWÂN	360	11	50	01	1	6	Ci	22.4	+4.7	9	18	-8	8	-3	62	2	0	dr.	
SÎWA	00	0	15	00	0	0	-	27.5	+8.5	7	18	-4	3	-2	71	2	0	0	6
BAHARÎYA	360	5	35	02	1	2	Ci	25.0	+6.9	8	17	-5	6	0	71	3	0	dr.	6
FARAFRA																		dr.	
DAKHLA	320	5	35	00	0	0	-	25.1	+6.5	9	17	-7	6	-1	62	2	0	dr.	
KHARGA	00	0	35	00	0	0	-	25.0	+7.2	10	16	-9	7	0	58	2	0	0	
SUEZ	00	0	35	00	0	1	Cu	22.6	+5.8	10	18	-3	7	-3	76	6	0	12	11
TÛR																		0	11
HURGHADA	270	12		03	0	2	Cu	21.2		11	17		8		63	4	0	dr.	
QUSEIR	360	24	15	00	0	2	Ac	20.8	+5.1	14	18	-5	11	-4	55	5	0	0	4
PORT SÛDÂN	350	14	10	01	2	7	Sc,Ac	17.4		20	26		18		69	14	0	34	92
WÂDI HALFA	360	10	30	01	1	7	Cs	22.3		9	20		7		47	-2	0	tr.	
ABU HAMAD	360	13	30	02	1	5	Cs	18.1		12	27		10				0		
KAREIMA	340	13	10	01	0	2	Ci	19.6		11	28		9		33	-5	-0	3	1
'ATBARA	360	9	10	02	0	1	Ci	16.9		14	30		12		27	-5	0	7	2
KHARTÛM	340	16	10	02	0	0	-	17.5		22	32		14		11	-2	0	10	4
KASSALA	20	5	30	00	0	0	-	13.0		22	35		18		69	16	0	2	8
WÂD MEDANI	360	13	35	00	0	0	-	16.0		17	34		13		22	-5	0	11	12
RENK																		0	49
ROSEIRES	340	9	35	00	0	0	-			21	36		19		35	5	0	2	36
EL OBEID	350	16	10	00	0	0	-	17.7		14	32		13		23	-7	0	0	16
EL FÂSHER	20	5	10	05	0	0	-			12	30		9		44	0	0	0	6
GENEINA	50	17	10	01	0	6	Cs			16	30		15		24	-5			4
MALAKÂL	20	17	30	03	0	1	Cs	13.0		22	37		18		16	-5	0	63	88
WÂU	220	7	30	02	1	5	Ac	12.8		22	36		19		17	-4	0	261	147
JUBA	310	2	10	00	0	0	-	11.1		27	38		19		28	7	0	129	133

HUMIDITY %

Mean of day

STATION	on 16th	Diff. from normal
Alexandria	51	-14
Ezbekiya	57	-5
Giza	57	-10
Helwân	53	+2

GÎZA GRASS MINIMUM TEMP. ON 17th -1.0 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks .....

RAWINSONDE — Farouk AIRPORT, On 17th At 3

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	186	8	71	270	4
950					
900					
850	1503	-2		340	85
800					
700	3058	-3		330	49
600					
500	5631	-20		320	37
400					
300	7228	-46			

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

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

UPPER WIND OBSERVATIONS on 16th

Station					Port-Said				Minya				Fouad A.P.			
Time					14				15				15			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300					310	14			350	33			330	18		
600					320	16			360	22			330	30		
1000					300	19			350	27			330	38		
1500									350	27			330	26		
2000																
3000																
4000																
5000																
6000																
7000																
8000																

UPPER WIND OBSERVATIONS on 17th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'îd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Almaza	
Time	5				3		4				7		3		11		7 30		5				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	340	19			330	15	10	6			150	6	340	22	340	10	320	16	360	15			280	4
600	340	19			340	17	330	18			350	8	340	20	350	19	350	14	360	24			300	3
1000	340	17			340	19	340	17			340	18	350	19	360	25	340	14	10	24			320	13
1500	340	17			340	23	340	17			340	20	350	36			360	21	360	21			350	11
2000							330	18			Ent	Sc.	330	31			320	19						
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	5		0		5		6		5		4		4 30		4 15						4 45			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	350	13	350	24	360	10	360	16	10	12														
600	350	13	350	24	10	13	310	28	20	26	30	15	20	26	340	20								
1000	330	16	360	23	360	23			30	23	40	9	40	22	10	25					360	10		
1500	350	19			350				10	21	30	14	20	17	10	27					10	8		
2000									330	8	330	12	360	17	340	21					40	19		
3000									320	19			320	12							50	21		
4000									330	35											60	28		
5000									300	38											70	19		
6000																								
7000																								
8000																								

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

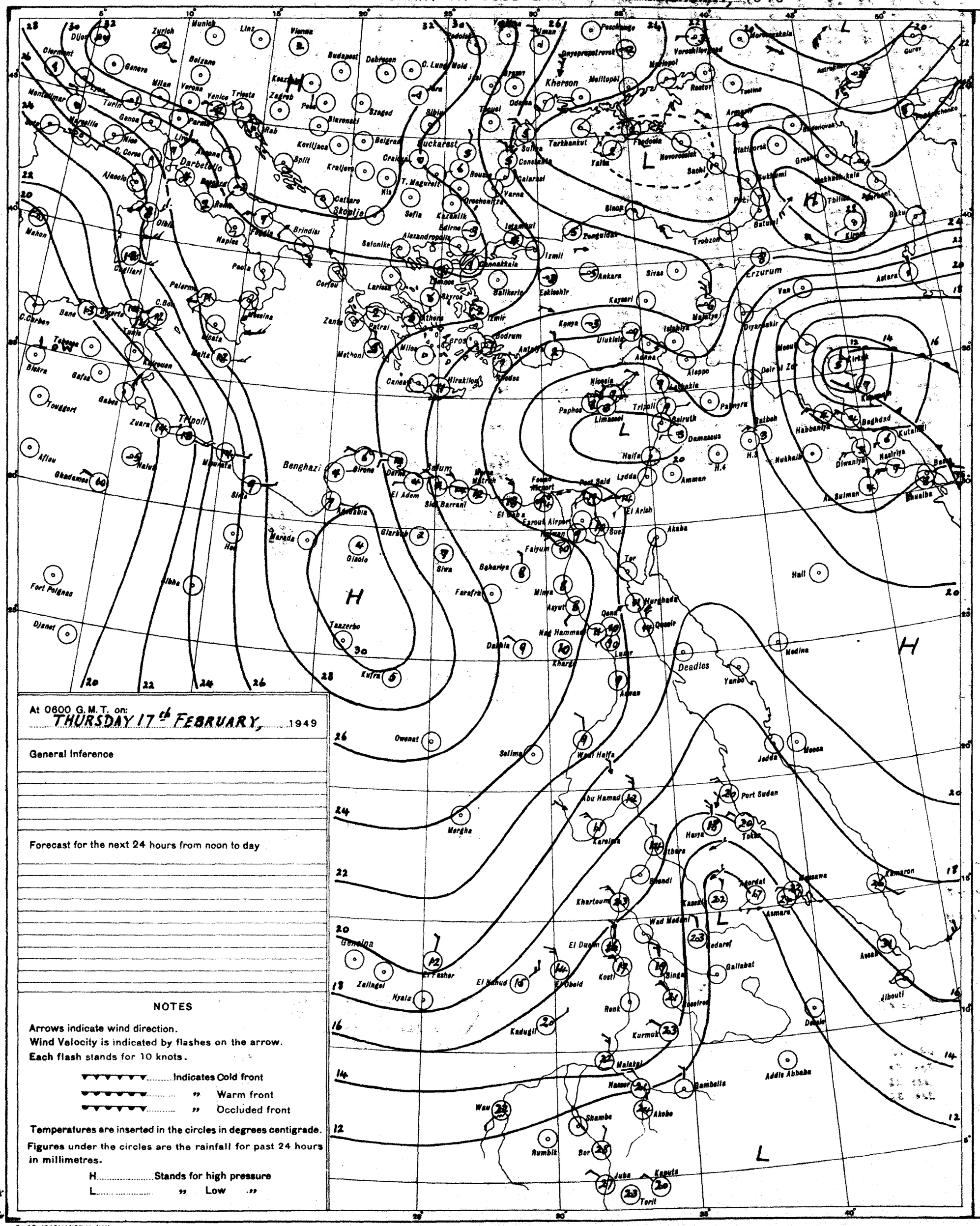
Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

K.G.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 17th FEBRUARY, 1949



At 0600 G.M.T. on: THURSDAY 17th FEBRUARY, 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

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

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

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

H Stands for high pressure
L " Low "

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

S of E 1948(44/195)(44/450)

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 No 7 F.

DAILY WEATHER REPORT

Date: FRIDAY 18th FEBRUARY, 1949

At 1200 on THURSDAY 17th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
MEDITERRANEAN	62300	SALÛM	360	9	7	02	0	1	Ac	24.4	16	48	10
	62303	SÎDI BARÂNI	360	6	50	03	1	2	Cu,Ac	25.0	15	68	9
	62306	MATRÛH	330	11	14	02	1	5	Sc	24.9	15	57	7
	62309	EL DABÂ	320	20		01	1	3	cb	23.3	16	49	5
		ALEXANDRIA	310	10	50	02	2	6	Cu,Sc	22.2	15	68	9
	62318	FOUAD (Airport)	320	16	18	03	2	6	Cu	22.2	16	49	5
	62330	DAMIETTA	320	9	15	01	0	1	Cu	21.1	15	57	7
	62333	PORT SA'ÎD	320	5	30	02	1	2	Sc	21.4	16	49	5
	62336	EL 'ARISH	220	5	35	01	0	2	Cu	21.0	14	55	5
LOWER EGYPT	62339	DAMANHUR	310	9	7	02	1	5	Cu	22.7	16	59	8
	62342	MANSURA	360	5	35	03	2	6	Sc,Cu	21.6	17	52	7
	62348	TANTA	310	8	35	01	1	4	Cu	21.9	19	46	7
	62354	ZAGAZIG	320	2	7	02	1	4	Cu	21.8	18	60	10
	62441	ISMAÎLIA	320	2	9	02	1	5	Sc	21.1	17	42	4
CAIRO AREA	62366	FAROUK (Airport)	320	13	14	03	2	5	cb	23.1	17	49	6
	62372	ALMÂZA											
		EZBEKÎYA	320	8	35	01	1	3	Cu	21.6	18	46	6
		GÎZA	320	8	35	01	1	3	Cu	21.5	17	42	4
	62378	HELWÂN	320	10	35	03	1	5	Cu	21.2	16	42	3
UPPER-EGYPT	62381	FAIYÛM	360	8	35	03	2	7	St	21.9	17	42	4
	62387	MINYA	10	15	12	01	1	2	Cu	22.4	18	37	3
	62393	ASYÛT MANQABÂD	320	16	30	01	0	1	Cu	21.3	16	49	5
	62399	NAG' HAMMÂDI	270	2	35	00	0	0	-	20.6	19	23	-3
	62402	QENA	290	5	50	00	0	0	-	19.1	22	29	3
	62405	LUXOR	320	11	30	01	0	0	-	18.6	19	19	-5
	62414	ASWÂN	360	11	50	00	0	0	-	19.1	17	46	5
OASES	62417	SÎWA	00	0	15	00	0	0	-	27.1	18	73	13
	62420	BAHARÎYA	360	2	35	02	0	0	-	23.4	17	42	4
	62423	FARAFRA											
	62432	DAKHLA	320	8	50	03	1	5	St,Ac	22.6	15	45	3
	62435	KHARGA	360	5	35	00	0	0	-	21.9	18	34	2
RED SEA	62450	SUEZ	360	6	35	03	0	3	Cu	20.5	16	49	5
	62459	TÛR											
	62462	HURGHÂDA	330	17		00	0	0	-	19.1	16	64	9
	62465	QUSEIR	360	24	15	02	0	2	Ci	19.5	18	52	8
	62641	PORT SÛDÂN	50	20	10	18	2	7	Ci,Cs	14.0	24	61	16
NORTH SÛDÂN	62600	WÂDI HALFA	360	13	30	02	2	8	Cs	19.2	21	18	-4
	62640	ABU HAMAD	50	9	50	03	1	7	Ci	14.5	25		
	62660	KAREIMA	20	13	30	01	1	3	Ci	15.4	25	11	-8
	62680	'ATBARA	340	9	10	03	0	1	Ci	12.2			6
	62721	KHARTÛM	340	13	10	05	0	0	-	12.5	27	28	7
	62730	KASSALA	310	9	30	00	0	0	-	7.9	33	38	17
CENTRAL SÛDÂN	62751	WÂD MEDANI	360	13	35	00	0	0	-	9.9	30	13	-1
	62801	RENK	50	9	50	00	0	0	-	9.8	28	29	8
	62802	ROSEIRES	310	5	35	00	0	0	-		36	22	11
	62771	EL OBEID	360	13	7	07	0	0	-	12.1	25		
	62760	EL FÂSHER	20	9	10	00	5	0	-		27	33	9
	62770	GENEINA	50	21	10	00	3	4	Ci		28	9	-8
S. SÛDÂN	62840	MALAKÂL	20	16	30	01	0	1	Ac	7.2	33	10	-2
	62880	WÂU	270	2	10	00	1	0	-	7.9	33	10	-2
	62941	JUBA	360	5	30	00	0	0	-	4.8	37	13	5

At 1800 on 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.
MALAKÂL	270	5	7	01	0	0	-	24.4	13	77	9	0
SÎDI BARÂNI	320	5	35	00	1	0	-	24.8	13	67	7	0
MATRÛH	360	9	12	01	1	2	Sc	24.4	12	67	6	0
EL DABÂ	320	15		01	1	2	Cu		15	59	7	0
ALEXANDRIA	310	8	3	01	2	3	Ac	22.2	14	55	5	0
FOUAD (Airport)	340	14	8	01	0	3	Sc	22.4	14	55	5	0
DAMIETTA	320	5		00	0	0	-	21.1	12	77	8	0
PORT SA'ÎD	300	10	15	01	1	1	Sc	20.2	14	59	6	0
EL 'ARISH	00	0	7	01	0	0	-	20.8	12	77	8	0
DAMANHUR	310	9	15	01	1	0	-	22.8	10	88	8	0
MANSURA	320	5	3	00	1	0	-	21.9	13	67	7	0
TANTA	310	2	35	02	1	4	Cu	21.5	11	51	1	0
ZAGAZIG	320	2	12	00	1	0	-	21.8	11	88	9	0
ISMAÎLIA	20	2	7	01	1	0	-	21.2	13	55	4	0
FAROUK (Airport)	290	3	12	00	0	0	-	22.8	13	67	7	0
ALMÂZA												
EZBEKÎYA	00	0	15	01	1	1	Cu	22.4	12	63	5	0
GÎZA	00	0	15	01	1	1	Cu	22.2	12	77	8	0
HELWÂN	320	12	15	01	0	0	-	21.9	14	55	5	0
FAIYÛM	00	0	35	01	1	3	St	22.4	13	59	5	0
MINYA	360	6	12	00	0	0	-	21.9	11	51	1	0
ASYÛT MANQABÂD	00	0	10	02	2	7	Ac	23.3	10	19	5	0
NAG' HAMMÂDI	00	0	30	00	0	3	Cu	23.3	8	18	5	0
QENA	290	2	15	00	0	0	-	20.4	13	67	7	0
LUXOR	270	5	7	00	0	0	-	20.0	15	48	4	0
ASWÂN	260	3	15	00	0	0	-	19.5	14	42	1	0
SÎWA	360	8	15	00	0	0	-	20.3	15	42	2	0
BAHARÎYA	00	0	7	00	0	0	-	26.8	10	50	0	0
FARAFRA	360	3	35	02	0	0	-	23.1	14	48	3	0
DAKHLA	320	5	35	00	0	0	-	23.5	13	44	1	3
KHARGA	20	1	15	00	0	0	-	23.1	14	36	-1	0
SUEZ	360	9	7	01	0	0	-	20.6	14	55	5	0
TÛR												
HURGHÂDA	300	17		00	0	0	-	18.6	16		8	0
QUSEIR	360	24	15	02	0	0	-	18.7	18	46	6	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on FRIDAY 18th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	20	9	7	03	2	8	Cu,Sc	26.7		15	16		9		68	9	0		
SÎDI BARÂNI	20	22	50	03	0	7	Sc,Cu	26.7		14	16		12		67	8	0	235	
MATRÛH											16								
EL DABÂ	20	20		01	0	0	-	24.8		16			13		49	5	0	142	
ALEXANDRIA	360	6	50	02	2	4	Cu,Sc	24.0	+6.7	14	17	-2	13	+2	55	5	0	244	161
FOUAD (Airport)	350	17	15	02	1	5	Sc	23.1		13	17		12		63	6	0	239	126
DAMIETTA	320	9		03	1	6	Cu	21.4	+4.9	13	16		7		67	7	0	236	83
PORT SA'ÎD	360	11	12	25	8	6	Cu,Sc	21.2		12	16		10		77	8	0.2	47	
EL 'ARISH	220	5	35	03	6	7	cb	19.6	+2.3	11	17	-3	9	+1	88	9	1		64
DAMANHUR	330	5	7	01	1	2	Cu	23.6	+7.1	11	19	-2	8	0	77	7	0	88	75
MANSURA	40	2	35	00	0	0	-	21.9	+5.3	11	19	-2	8	0	63	4	0	37	36
TANTA	310	2	35	02	1	0	-	23.4	+6.4	12	19	-2	6	-1	77	8	0	24	29
ZAGAZIG	320	2	7	00	0	0	-	22.6	+5.3	10	19	-2	7	0	88	8	0	14	19
ISMAÎLIA	290	2	3	02	1	4	Sc	23.3		13	20		8		67	7	0	10	
FAROUK (Airport)	280	3	8	03	2	7	Sc	22.0		10			9		88	8	0	3	
ALMÂZA	300	9	12	02	2	7	Sc	22.7	+5.3	12			9		67	6	-	4	
EZBEKÎYA	270	1	15	01	1	6	Sc	23.1	+5.7	12	19	-2	9	+1	63	5	0	8	17
GÎZA	270	1	15	01	1	6	Sc	23.0	+5.7	12	19	-2	6	0	72	7	0	14	17
HELWÂN	140	2	7	40	1	7	Sc	22.8	+5.0	9	17	-3	8	-1	88	7	0	15	18
FAIYÛM	330	2	35	03	2	8	St	23.8	+6.6	12	18	-5	8	+1	77	8	0	4	6
MINYA	00	0	10	02	2	7	Ac	23.3		10	19		5		71	5	0	4	
ASYÛT MANQABÂD	00	0	30	00	0	3	Cu	23.3		8	18		5		76	4	0	0	
NAG' HAMMÂDI	290	1	15	00	0	0	-	22.3	+5.0	11	20		5		77	7	0	0	
QENA	240	9	15	00	0	0	-	22.2	+5.5	12	23	-2	7	-1	63	5	0	dr	
LUXOR	270	6	30	00	0	0	-	21.3		11	20		5		54	2	0	dr	
ASWÂN	00	0	50	00	0	0	-	22.2	+4.5	11	18	-8	7	-4	63	4	0	dr	
SÎWA	00	0	15	00	0	0	-	27.2	+8.3	8	19	-3	4	-1	71	3	0	0	6
BAHARÎYA	360	3	35	03	2	6	Ac	25.0	+7.0	10	18	-4	6	-1	76	6	0	dr	6
FARAFRA																		dr	
DAKHLA	320	5	35	00	0	0	-	24.2	+5.7	10	18	-7	5	-2	37	3	0	dr	
KHARGA	00	0	35	00	0	0	-	23.6	+5.9	11			8	+1	77	7	0	0	
SUEZ	360	8	15	00	2	7	cb	21.5	+4.7	13	19	-2	9	-1	67	7	0	12	11
TÛR																			11
HURGHÂDA	300	14	30	03	0	1	Cu,Ci	19.9		14	16		8		72	9	0	dr	
QUSEIR	310	13	15	00	0	2	As	20.9	+5.2	14	19	-4	12	-3	36	-1	0	0	4
PORT SÛDÂN	350	13	30	01	0	1	Cu,Ci	17.1		20	26		16		73	15	0	34	92
WÂDI HALFA	20	8	30	03	1	6	Ac,Cu	22.4		10	22		7		54	1	0	12	
ABU HAMAD	50	13	30	03	1	7	Ci	19.3		13	26		9		67	7	0	0	
KAREIMA	20	13	30	02	2	6	Ci	19.4		13	26		10		36	-2	0	3	1
'ATBARA	360	9	10	02	0	1	Ci	17.0		15	28		13		25	-5	0	7	2
KHARTÛM	340	10	30	02	0	0	-	17.1		15					42	2	0	10	4
KASSALA	50	9	30	00	0	0	-	13.5		21	33		15		57	12	0	2	8
WÂD MEDANI	360	9	50	00	0	0	-	16.3		15	32		10		25	-5	0	11	12
RENK	50	9	50	00	0	0	-			19	29		15		40	5	0	0	49
ROSEIRES	360	9	35	00	0	0	-			19	36		16		49	8	0	2	36
EL OBEID	350	11	30	00	0	0	-	18.4		14	28		11		23	-7	0	0	16
EL FÂSHER	360	5	30	00	0	0	-			13	31		10		38	-1	0	0	6
GENEINA	50	17	10	00	0	0	-	-		15	30		13		77	11	0	0	4
MALAKÂL	10	13	30	01	2	3	Ci				34		17			-5		69	88
WÂU	00	0	30	00	0	0	-	14.4		19	34		16		28	0	0	261	147
JUBA	360	2	10	00	1	0	-	12.1		26	37		17		30	7	0	129	154

HUMIDITY % Mean of day

Station	on 17th	Diff. from normal
Alexandria	54	-11
Ezbekîya	59	-3
Gîza	68	+1
Helwân	57	+6

GÎZA GRASS MINIMUM TEMP. ON 18th 1.2 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

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

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

UPPER WIND OBSERVATIONS on 17th

Height m.	FOUAD.AP Dir.	FOUAD.AP Vel.			PORT-SAÏD Dir.	PORT-SAÏD Vel.			MINYA Dir.	MINYA Vel.														
TIME	15				14				15															
300	330	16			300	10			340	16														
600	340	16			300	14			340	26														
1000	340	16			300	17			340	26														
1500	340	16			320	17			330	30														
2000					280	12			330	25														
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on .....

Height m.	SÎDI BARÂNI Dir.	SÎDI BARÂNI Vel.	MATRÛH Dir.	MATRÛH Vel.	FOUAD AIRPORT Dir.	FOUAD AIRPORT Vel.	PORT SAÏD Dir.	PORT SAÏD Vel.	EL 'ARÎSH Dir.	EL 'ARÎSH Vel.	HELWÂN Dir.	HELWÂN Vel.	MINYA Dir.	MINYA Vel.	ASYÛT MANQABÂD Dir.	ASYÛT MANQABÂD Vel.	LUXOR Dir.	LUXOR Vel.	ASWÂN Dir.	ASWÂN Vel.	HURGHADA Dir.	HURGHADA Vel.	Almaza Dir.	Almaza Vel.
TIME	5						4						3		10	15	6	30			9		8	30
300	20	27					340	16					320	11	320	17	340	11			320	29	340	10
600	20	24					340	23					330	20	330	18	350	18			320	23	360	12
1000	20	23					340	28					334		340	20	360	28			310	34	350	14
1500													330	21	350	17	10	6					360	14
2000																	20	10					360	14
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	SÎWA Dir.	SÎWA Vel.	BAHARÎYA Dir.	BAHARÎYA Vel.	DAKHLA Dir.	DAKHLA Vel.	KHARGA Dir.	KHARGA Vel.	WÂDI HALFA Dir.	WÂDI HALFA Vel.	ABÛ HAMAD Dir.	ABÛ HAMAD Vel.	KAREIMA Dir.	KAREIMA Vel.	KHARTÛM Dir.	KHARTÛM Vel.	KASSALA Dir.	KASSALA Vel.	EL OBEID Dir.	EL OBEID Vel.	EL FÂSHER Dir.	EL FÂSHER Vel.	MALAKÂL Dir.	MALAKÂL Vel.
TIME	5		5		5		6	15	5		4		4	45	4	15					5		4	
300			340	26	360	7	360	15	350	15														
600	30	15	350	36	20	9	360	22	360	22														
1000	340	13	350	31	60	20	390	28	10	27	20	13	30	24	40	35					360	11	20	36
1500	350	15	350	27	10	32			10	19	20	17	20	20	20	20					40	15	40	29
2000	360	19			10						340	13	360	26	30	12								
3000	10	28							10	11	290	23	310	25	120	4					10	21	110	7
4000	10	30							310	15													70	12
5000	360	34																					150	7
6000																								
7000																								
8000																								

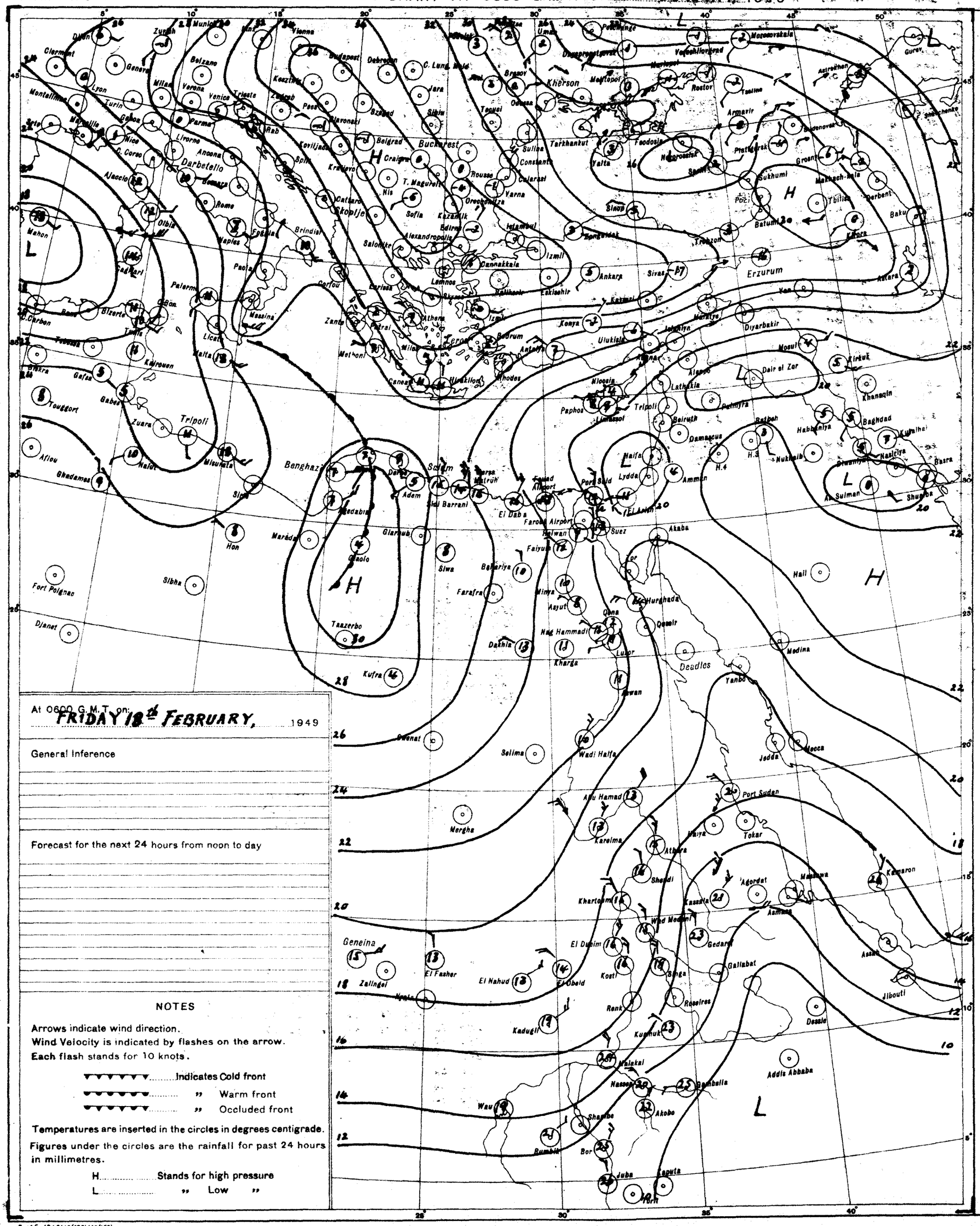
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 18th FEBRUARY, 1949



At 0600 G.M.T. on: FRIDAY 18th FEBRUARY, 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

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

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

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

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

F.G. S of E 1948(48/195)(48/450)

SCALE 1:15,000,000

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 No 7 F.

DAILY WEATHER REPORT

Date : SATURDAY 19th FEBRUARY , 1949

At 1200 on FRIDAY 18th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs	Temperature °C.	Humidity %	Dew Point °C.
MEDITERRANEAN	62300	SALUM	40	13	7	01	2	5	Ac	27.2	16	59	8
	62303	SÎDI BARÂNI	20	11	50	01	1	5	Cu	27.9	16	59	8
	62306	MATRÛH	70	11	18	02	2	6	Sc	27.2	17	56	8
	62309	EL DAB'A	20	16		01	1	3	Cu		17	60	9
		ALEXANDRIA	310	11	50	01	2	3	Cu,Sc	25.9	15	48	4
	62318	FOUAD (Airport)	10	18	18	02	2	1	Cu	25.4	16	49	5
	62330	DAMIETTA	360	9	15	01	1	3	Cu	22.8	14	55	5
	62333	PORT SA'ID	30	19	15	02	8	3	Cu,Sc	23.3	14	52	4
	62336	EL 'ARISH	360	9	35	01	8?	3	Cu	22.0	13	67	7
LOWER EGYPT	62339	DAMANHUR	40	19	15	03	1	7	Cu	25.4	15	59	7
	62342	MANSURA	40	9	35	03	2	6	Sc,Cu	24.3	16	49	5
	62348	TANTA	310	8	35	03	1	5	Cu	25.0	16	49	5
	62354	ZAGAZIG	40	2	7	01	1	4	Ac	23.9	15	59	7
	62441	ISMA'ILIA	20	9	7	01	1	2	Sc	22.8	15	48	4
CAIRO AREA	62366	FAROUK (Airport)	340	20	18	02	8	4	Cb	21.6	16	45	4
	62372	ALMAZA											
		EZBEKIYA	20	8	35	01	2	2	Cu	23.6	17	42	4
		GIZA	20	8	35	01	2	2	Cu	23.5	17	28	-2
	62378	HELWÂN	340	22	3	07	5	3	Cu	23.2	16	32	-1
UPPER EGYPT	62381	FAIYÛM	360	11	15	03	2	8	St	23.1	17	42	4
	62387	MINYA	10	18	12	01	2	3	Cu	22.6	20	24	-1
	62393	ASYÛT MANQABAD	360	10	30	01	1	1	Cu	21.6	18	37	3
	62399	NAG' HAMMADI	270	5	35	00	0	1	As	20.0	19	37	4
	62402	QENA	290	9	30	00	0	0	—	19.4	21	23	4
	62405	LUXOR	290	12	30	03	1	2	Ci	19.3	20	26	0
	62414	ASWÂN	360	11	50	01	1	5	Ci	19.5	20	33	3
OASES	62417	SÎWA	360	10	15	00	0	0	—	27.2	19	52	9
	62420	BAHARIYA	360	4	35	02	2	0	—	23.9	18	46	6
	62423	FARAFRA											
	62432	DAKHLA	360	14	50	00	0	3	Ac Ci	22.4	18	46	6
	62435	KHARGA	20	9	15	00	0	0	—	22.2	19	28	0
RED SEA	62450	SUEZ	360	20	35	01	0	5	Cu	21.1	14	55	5
	62459	TÔR											
	62462	HURGHADA	320	22		00	1	0	—	18.6	17	60	9
	62465	QUSEIR	360	13		00	0	0	—	18.8	19	82	9
	62641	PORT SUDAN	50	17	35	01	1	2	Cu,Ci	15.3	25	65	18
NORTH SUDAN	62600	WÂDI HALFA	360	22	30	01	2	6	Ci,Cs	18.9	21	23	-1
	62640	ABU HAMAD	50	9	30	01	2	5	Ci	15.3	24		
	62660	KAREIMA	20	10	30	01	1	6	Ci	16.0	25	14	-5
	62680	'ATBARA	360	13	10	02	0	1	Ci	13.4	27	11	-6
	62721	KHARTUM	20	15	30	00	0	0	—	12.8	27	22	3
	62730	KASSALA	360	5	30	00	0	0	—	8.2	32	26	10
CENTRAL SUDAN	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES	360	5	35	00	0	0	—		36	22	11
	62771	EL OBEID	30	13	30	00	0	0	—	12.5	26		
	62760	EL FÂSHER	50	13	30	00	0	0	—		25	24	3
	62770	GENEINA	50	17	10	00	0	0	—		27	8	-11
S. SUDAN	62840	MALAKÂL	30	13	30	00	0	0	—	7.7	33	11	-1
	62880	WÂU	00	0	30	00	0	0	—	9.3	32	9	-5
	62941	JUBA											

At 1800 on FRIDAY 18th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALUM	40	10	7	02	2	4	Cu,Sc	27.8	14	77	10	0
SÎDI BARÂNI	70	5	35	01	1	1	Sc,Cu	27.9	13	77	9	0
MATRÛH	80	5	12	00	1	0	—	28.0	11	77	7	0
EL DAB'A	270	9		01	1	0	—		15	59	7	0
ALEXANDRIA	310	10	3	01	0	0	—	27.2	13	44	1	0
FOUAD (Airport)	30	9	8	00	0	0	—	27.0	11	63	4	0
DAMIETTA	20	9		00	0	0	—	25.8	12	63	5	do.
PORT SA'ID	10	15	12	02	1	3	Sc	25.0	13	63	6	do.
EL 'ARISH	360	30	7	01	0	1	Cu	24.2	12	55	3	4
DAMANHUR	40	5	7	01	1	0	—	26.7	10	76	6	0
MANSURA	20	5	3	00	1	0	—	27.0	11	63	4	0
TANTA	270	5	35	02	1	0	—	27.9	10	62	3	0
ZAGAZIG	320	2	3	00	1	0	—	25.9	10	88	8	0
ISMA'ILIA	290	2	3	03	5	8	As	25.2	12	63	5	1
FAROUK (Airport)	40	12	12	00	8	0	—	26.2	12	63	5	Rain
ALMAZA												
EZBEKIYA	20	3	15	03	1	1	Sc	26.7	11	63	4	do.
GIZA	20	3	15	03	1	1	Sc	26.4	12	55	3	0
HELWÂN	360	8	15	02	0	1	Sc	26.2	11	63	4	do.
FAIYÛM	00	0	35	01	0	0	—	25.9	12	55	3	0
MINYA	10	8	8	00	0	0	—	26.0	11	41	-2	0
ASYÛT MANQABAD	340	1	35	00	0	0	—	22.0	14	55	5	0
NAG' HAMMADI	290	13	7	00	0	0	—	21.4	15	39	1	0
QENA	330	8	12	00	0	0	—	20.7	15	30	-3	0
LUXOR	360	10	50	00	0	0	—	21.2	16	49	5	0
ASWÂN												
SÎWA	00	0	7	00	0	0	—	27.4	13	55	4	0
BAHARIYA	360	2	35	02	0	0	—	25.9	14	48	3	0
FARAFRA												
DAKHLA	320	3	35	00	0	0	—	23.8	16	42	3	0
KHARGA	360	5		00	0	0	—	23.4	16	30	-2	0
SUEZ	360	4	7	01	0	0	—	25.5	11	63	4	do.
TÔR												
HURGHADA	290	24	10	00	0	0	—	20.3	14	67	8	0
QUSEIR	360	30	3	31	3	0	—	19.5	17	52	7	0
PORT SUDAN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA	50	11	30	00	0	0	—		23	10	-10	0
MALAKÂL												
WÂU												
JUBA												

At 0600 on SATURDAY 19th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs.	Bar. Pressure Diff. from normal mbs.	Temp. Dry Bulb	Temp. Maximum Yesterday	Temp. Maximum Diff. from normal	Temp. Minimum Today	Temp. Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	220	3	7	00	0	3	Ac	29.2		14	16		7		67	8	0		
SÎDI BARÂNI	180	3	50	03	0	3	Ac	29.1		8	16		5		95	8	0	235	
MATRÛH	50	8	14	02	1	4	Sc	29.5		12	17		7		67	6	0		
EL DAB'A	320	11		01	1	8	Cu	28.7		15			7		59	7	0	142	
ALEXANDRIA	360	5	50	03	1	4	Ac	29.5	+12.8	14	16	-3	11	0	55	5	0	244	162
FOUAD (Airport)	10	8	12	02	1	6	Sc	29.3		11	16		5		77	7	0	239	126
DAMIETTA	200	5		00	0	0	—	28.3	+11.8	11	15		4		77	7	do.	236	84
PORT SA'ID	360	8	12	02	1	1	Sc	27.3		14	15		12		52	4	do.	47	
EL 'ARISH	180	2	25	02	0	1	Cu	27.8	+10.5	9	18	-7	5	-3	71	4	4		65
DAMANHUR	310	5	7	02	0	0	—	28.8	+12.3	8	16	-5	6	-2	95	8	0	88	75
MANSURA	220	2	35	01	1	2	Ac	28.8	+12.2	9	17	-4	5	-3	71	4	0	37	37
TANTA	00	0	35	02	0	0	—	29.0	+12.0	8	17	-4	2	-5	71	3	0	24	29
ZAGAZIG	320	2	7	00	0	0	—	29.1	+11.9	8	18	-3	4	-3	88	6	0	14	19
ISMA'ILIA	290	2	3	02	0	0	—	28.6		9	17		6		71	4	1	11	
FAROUK (Airport)	40	3	6	05	0	0	—	28.9		8	17		5		71	3	Rain		
ALMAZA																		4	
EZBEKIYA	00	0	35	00	0	0	—	29.0	+11.6	8	18	-4	5	-4	71	3	do.	8	17
GIZA	00	0	35	00	0	0	—	29.1	+11.8	9	18	-3	2	-4	71	4	0	14	17
HELWÂN	360	3	1.5?	06	0	0	—	28.7	+11.0	9	16	-4	5	-4	62	2	do.	15	18
FAIYÛM	00	0	35	02	0	0	—	29.5	+12.3	8	18	-5	4	-4	66	2	0	4	6
MINYA	10	5	10	00	0	0	—	29.1		6	20		2		57	-2	0	4	
ASYÛT MANQABAD	270	3	18	00	0	0	—	28.5		8	19		4		66	2	0	0	
NAG' HAMMADI	340	3	35	00	0	0	—	26.6	+9.8	10	20		5		62	3	0	0	
QENA	20	5	15	00	0	0	—	27.0	+10.4	11	22	-4	6	-2	51	1	0	do.	
LUXOR											20							do.	
ASWÂN											21	-5						do.	
SÎWA	00	0	15	00	0	0	—	29.8	+10.9	7	19	-3	1	-4	71	2	0	0	6
BAHARIYA	00	0	35	02	0	0	—	29.8	+11.9	7	20	-3	2	-5	71	2	0	do.	6
FARAFRA																		do.	
DAKHLA	140	3	35	00	0	0	—	26.7	+8.2	10	19	-6	5	-2	62	3	0	do.	
KHARGA	360	4	35	00	0	0	—	27.1	+9.4	11	19	-6	7	-1	51	1	0	0	
SUEZ	00	0	35	00	0	0	—	27.8	+11.1	9	17	-4	6	-4	71	4	do.	12	11
TÔR																		0	11
HURGHADA	280	11		02	0	4	Cu	25.9		12	17		8		59	4	0	do.	
QUSEIR	360	24	15	00	1	3	Sc,Cu	24.8	+9.1	14	20	-8	11	-4	55	5	0	0	4
PORT SUDAN	340		30	18	1	2	Cu,Cs	19.1		21	25		17		69	15	0	34	92
WÂDI HALFA	20	29	30	03	0	5	Ac,Cs	23.3		10	22		6		50	5	0	tr.	
ABU HAMAD	50		30	01	1	1	Ci	19.2		13	25		10		67	7	0	—	
KAREIMA	50	9	30	00	0	0	—	19.9		13	26		9		38	-1	0	3	1
'ATBARA	340	9	10	00	0	0	—	17.7		15	27		12		27	-4	0	7	2
KHARTUM	360	7	30	00	0	0	—	17.5		15	29		12		45	3	0	10	4
KASSALA	20	9	30	00	0	0	—	13.9		21	33		15		50	10	0	2	8
WÂD MEDANI	360	13	50	00	0	0	—	17.0		17	32		11		18	-8	0	11	12
RENK	50	9	50	00	0	0	—	12.6		19	28		15		40	5	0	0	49
ROSEIRES	340	9	35	00	0	0	—			18	36		16		46	6	0	2	36
EL OBEID	350	11	30	00	0	0	—	18.4		13	28		10		21	-9	0	0	16
EL FÂSHER	60	5	30	00	0	0	—			12	28		6		41	-1	0	0	6
GENEINA											27							—	4
MALAKÂL	20	13	30		0	3	Cs	13.3		21	35		17		16	-6	0	69	88
WÂU	00	0	30	00	0	0	—	13.8		19			13		28	0	0	261	148
JUBA	20	2	30	01	0	1	Ci	12.4		25	37		16		39	10	0	129	154

HUMIDITY % Mean of day

STATION	on 18th	Diff. from normal
Alexandria	47	-18
Ezbekiya	61	-1
Giza	58	-9
Helwân	63	+13

GIZA GRASS MINIMUM TEMP. ON 19th -1.4 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

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

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

UPPER WIND OBSERVATIONS on 18th

Height m.	Fouad A.P. Dir.	Fouad A.P. Vel.	P. Said Dir.	P. Said Vel.	Minya Dir.	Minya Vel.
Time	15		14		15	
300	30	17	10	11	360	31
600	50	15	10	14	360	31
1000	40	17	360	31	350	26
1500	30	18			350	30
2000	20	17				
3000						
4000						
5000						
6000						
7000						
8000						

UPPER WIND OBSERVATIONS on 19th

Station	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabad Dir.	Asyût Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Dir.	Vel.
Time	5				3		4				6 45		3		8 15						9			
300					10	10	20	10			350	6	360	19	300	15					360	8		
600					10	10	30	11			30	16	10	15	20	13					330	4		
1000					10	10	30	9			40	16	10	16	30	13					300	3		
1500	360	7			10	17	40	10			30	22	20	10	50	47?					30	3		
2000	360	10					20	17			10	40?			40	30								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time	5		5		5		6 15		5		4		4 30						4 30		4 45		4	
300	110	21	40	8	70	7	20	19	20	17														
600	110	16	60	16	60	16	350	29	40	27	30	21	30	29									10	23
1000	60	10	60	13	40	31	40	37	30	23	40	20	50	24					10	27	20	9	20	34
1500	70	13	50	27	40	23			40	21	40	15	60	15					40	27	50	4	60	17
2000	50	13	30	38	40	36					20	16	10	18					40	13			40	6
3000	30	21	30	34					50	23	290	17	330	17							50	3		
4000	20	12	20	25					310	13														
5000			20	19					300	8														
6000									290	10														
7000																								
8000																								

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

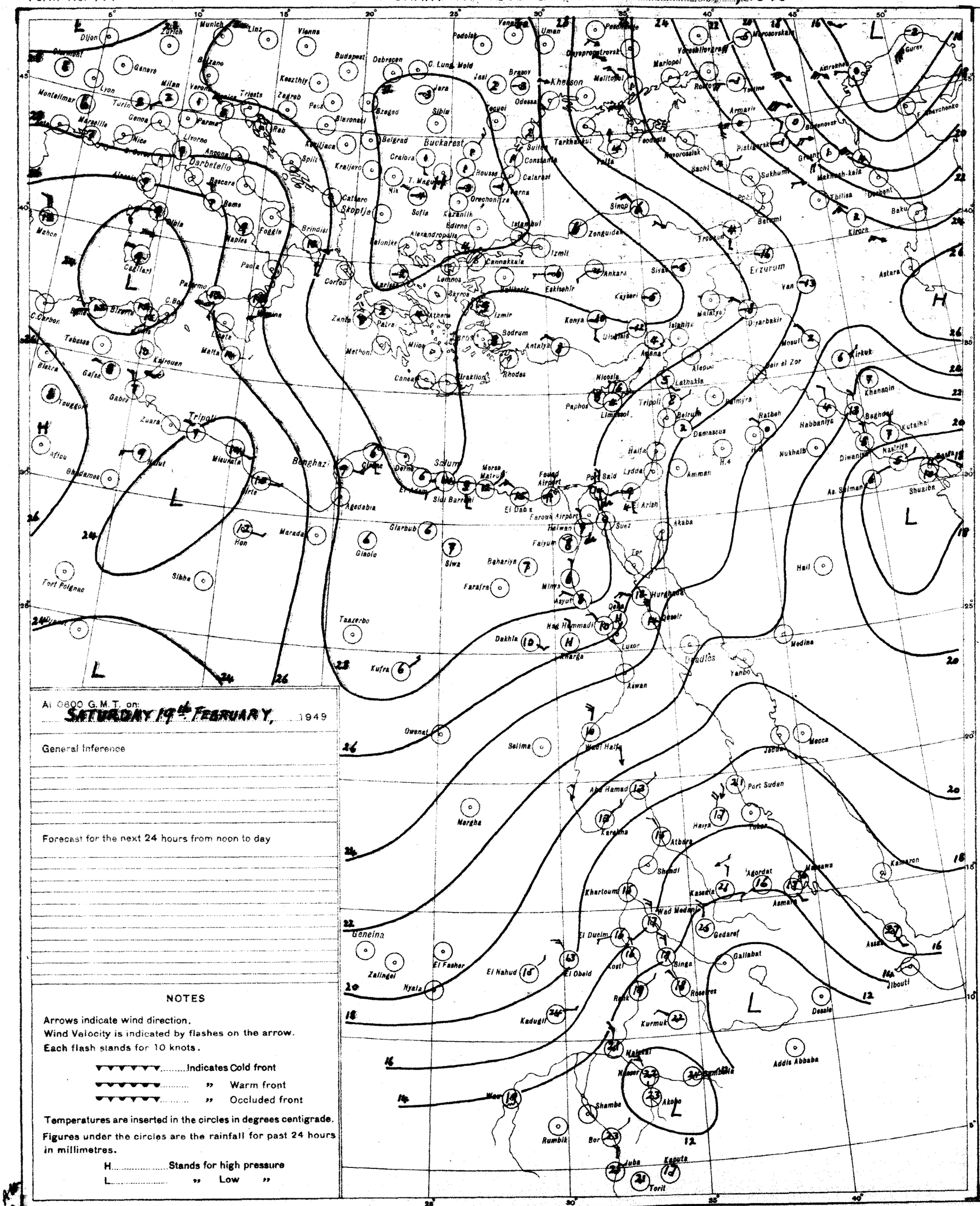
Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

F.G

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 19th FEBRUARY, 1949


Munich
Linz
Vienna
Budapest
Debrecen
C. Lung Mold
Podolsk
Uman
Dnyeprpetrovsk
Kherson
Melitopol
Mariopol
Rostov
Taganrog
Voroshilovgrad
Millerovo
Kotelnikovo
Astrakhan
Gurev
Armavir
Feodosia
Novorossiisk
Sochi
Sukhumi
Batumi
Tbilisa
Baku
Kirova
Astara
Erzurum
Van
Diyarbakir
Mosul
Kirkuk
Khanaqin
Baghdad
Kutaiba
Nasiriya
Basra
Shuaiba
As Sulman
Habbaniya
Nukhaib
Ratbah
Rutba
Bir el Zor
Aleppo
Latakia
Palmyra
Beirut
Damascus
H.4
Amman
Haifa
Lydda
Ei Arish
Akaba
Suez
Tor
Hurghada
Qena
Luxor
Aswan
Medina
Yanbo
Jedda
Mecca
Port Sudan
Haiya
Tokar
Atbara
Karima
Abu Hamad
Wadi Halfa
Merga
Selima
Owenat
Kufra
Dakhla
Kharga
Hag Hammadi
Tanzerbo
Sibha
Fort Polignac
Hon
Murzuk
Glaolo
Siwa
Bahariya
Farafra
Mimya
Mayut
Faiyum
Helwan
Cairo
Port Said
Ismailia
Qantara
Ei Dabaa
Farouk Airport
Mersa Matruh
Sidi Barrani
Ei Adam
Derna
Bonghazi
Agedabia
Glarbub
Misurata
Tripoli
Zuara
Gabes
Gafsa
Biskra
Tebessa
Kairouan
Malta
Tabarka
Bizerte
Tunis
Sousse
Sfax
Gerba
Tataouine
Ghadames
Ghat
Afico
Mahon
Cagliari
Palermo
Naples
Foggia
Brindisi
Paola
Corfou
Cattaro
Skoptje
Kraljevo
Belgrad
Kragujevac
Spilt
Sibiu
Brasov
Jasi
Cluj
Oradea
Szeged
Budapest
Zagreb
Keszthly
Trieste
Venezia
Milan
Genova
Nice
Marseille
Montelimar
Lyon
Dijon
Zurich
Geneve
Clermont
Bordeaux
Biarritz
Lisbon
Madrid
Valencia
Malaga
Tangier
Algiers
Constantine
Bone
Tunis
Sfax
Tripoli
Benghazi
Derna
Sollum
Mersa Matruh
Alexandria
Port Said
Suez
Ismailia
Cairo
Helwan
Faiyum
Luxor
Aswan
Wadi Halfa
Port Sudan
Khartoum
Wad Medani
Kassala
Gedaref
Asmara
Massawa
Agordat
Kassala
Gallabat
Singa
Roseires
Renk
Kosti
El Obeid
El Dueim
El Nahud
El Fasher
Geneina
Zalingei
Nyala
Kadugli
Kurmuk
Malakal
Nasser
Akobo
Shambe
Bor
Rumbik
Juba
Kapoeta
Torit
Addis Abbaba
Dessie
Asseb
Jibouti
Kamaran
Aden
Hail
Medina
Mecca
Jedda
Port Sudan
Tokar
Haiya

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 No 7 F.

DAILY WEATHER REPORT

Date: SUNDAY 20th FEBRUARY, 1949.

At 1200 on SATURDAY 19th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	40	6	7	02	1	3	Ac	28.3	16	68	10
	62303	SIDI BARANI	40	4	50	03	1	4	Sc.Cu	29.0	15	68	9
	62306	MATRUH	40	6	14	02	1	5	Sc	29.1	17	52	7
	62309	EL DABA	320	10		01	1	4	Cu		16	59	8
		ALEXANDRIA	330	9	50	01	2	3	Ac	28.3	16	49	5
	62318	FOUAD (Airport)	330	7	30	01	2	1	Cu	28.4	16	48	5
	62330	DAMIETTA	320	5	15	01	0	3	Cu	27.8	16	48	5
	62333	PORT SAID	30	6	30	02	0	2	Cu	27.4	16	45	4
	62336	EL 'ARISH	40	2	35	01	0	0	-	27.9	15	48	4
Lower Egypt	62339	DAMANHUR	40	5	15	01	1	3	Cu	28.3	17	52	7
	62342	MANSURA	340	5	35	03	2	4	Cu	28.0	19	37	4
	62348	TANTA	00	0	35	03	2	4	Cu	27.9	19	37	4
	62354	ZAGAZIG	40	2	15	03	1	4	Ac	27.9	18	46	6
	62361	ISMAILIA	40	2	7	03	1	5	Sc	27.5	17	42	4
Cairo Area	62366	FAROUK (Airport)	40	6	30	02	0	2	Cu	27.4	17	42	4
	62372	ALMAZA	10	9	30	00	0	1	Cu	27.3	18	49	7
		EZBEKIYA	70	8	35	03	0	1	Cu	27.5	18	37	3
		GIZA	70	8	35	03	0	1	Cu	27.5	17	34	1
	62378	HELWAN	360	10	35	02	0	1	Cu	27.1	17	26	-3
Upper Egypt	62381	FAIYUM	00	0	35	02	0	0	-	29.5	18	28	-1
	62387	MINYA	20	11	18	00	0	0	-	25.9	18	40	4
	62393	ASYUT	320	9	30	00	0	0	-	24.9	18	24	-3
	62399	NAG' HAMMADI	40	3	35	00	0	0	-	23.5	21	20	-2
	62402	QENA	360	5	50	00	0	0	-	24.2	21	26	1
	62405	LUXOR	340	2	30	00	0	1	Ci	23.6	18	22	-4
	62414	ASWAN	360	9	50	00	0	0	-	21.0	21	25	0
Oases	62417	SIWA	90	9	15	00	0	0	-	29.1	19	37	4
	62420	BAHARIYA	360	3	35	02	1	3	Ac	27.4	17	34	1
	62423	FARAFRA											
	62432	DAKHLA	40	11	50	03	1	4	St,As	24.0	19	30	1
	62435	KHARGA	20	3	35	00	0	0	-	24.4	19	16	-8
Red Sea	62450	SUEZ	360	4	50	03	0	3	Cu	25.2	16	42	3
	62459	TOR	190	4	35	00	0	0	-				5
	62462	HURGHADA	30	2		00	1	0	-	25.5	16	42	3
	62465	QUSEIR	360	24	15	03	1	4	Sc.Cu	25.4	17	42	4
	62641	PORT SUDAN	20	26	1	07	0	1	Cu	17.0	23	69	17
North Sudan	62600	WADI HALFA	20	20	30	01	1	2	Ci	19.8	22	10	-11
	62640	ABU HAMAD	50	9	30	00	0	0	-	15.4	25	12	-8
	62660	KAREIMA	40	13	10	00	0	0	-	16.1	25	19	0
	62680	ATBARA	360	9	10	00	0	0	-	12.7	28	13	-3
	62721	KHARTUM	360	9	30	00	0	0	-	12.1	28	22	4
	62730	KASSALA	50	5	30	00	0	0	-	8.8	31	29	11
Central Sudan	62751	WAD MEDANI	360	9	35	00	0	0	-	9.8	31	16	2
	62801	RENK	50	9	50	00	0	0	-	10.0	30	13	-1
	62802	ROSEIRES	340	5	35	00	0	0	-		35	22	10
	62771	EL OBEID	360	11	30	00	0	0	-	12.2	25	6	-15
	62760	EL FASHER	50	12	30	00	0	0	-		25	30	6
	62770	GENEINA	50	9	30	00	0	0	-		26	6	-15
S. Sudan	62840	MALAKAL	20	12	30	01	1	1	Ac,Cu	8.1	32	9	-5
	62880	WAU	300	3	30	01	1	3	Cu	8.3	33	9	-4
	62941	JUBA	230	5	30	00	0	0	-	6.1	35	15	5

At 1800 on 19th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	140	4	7	01	0	0	-	31.9	14	88	12	0
SIDI BARANI	30	2	50	01	0	0	-	28.8	14	88	12	0
MATRUH	40	3	14	01	1	3	St	29.1	13	67	7	0
EL DABA	320	10		01	1	0	-		14	77	10	0
ALEXANDRIA	360	5	3	01	0	0	-	28.8	13	67	7	0
FOUAD (Airport)	350	5	18	02	0	0	-	28.7	11	76	7	0
DAMIETTA	20	5		00	0	0	-	28.3				0
PORT SAID	30	6	15	01	1	1	Cu	28.0	14	59	6	0
EL 'ARISH	00	0	7	02	0	0	-	28.2	10	76	6	0
DAMANHUR	40	5	7	02	0	0	-	28.4	12	76	8	0
MANSURA	320	5	3	00	1	0	-	28.7	13	67	7	0
TANTA	00	0	35	02	1	4	Cu	28.3	14	77	10	0
ZAGAZIG	40	2	3	00	1	0	-	28.3	12	63	5	0
ISMAILIA	70	2	3	02	0	0	-	28.2	12	63	5	0
FAROUK (Airport)	40	12	12	01	0	1	Cu	27.4	14	48	3	0
ALMAZA	50	12	14	00	0	0	-	27.7	14	56	5	0
EZBEKIYA	00	0	15	00	0	0	-	28.0	13	55	4	0
GIZA	00	0	15	00	0	0	-	27.9	14	52	4	0
HELWAN	60	8	15	02	0	0	-	27.6	13	44	1	0
FAIYUM	00	0	35	02	0	0	-	27.0	11	62	4	0
MINYA	20	8	12	00	0	0	-	26.2	9	67	3	0
ASYUT												
NAG' HAMMADI	00	0	35	00	0	0	-	24.2	14	26	-1	0
QENA	20	5	7	00	0	0	-	24.6	14	36	-1	0
LUXOR	90	11	12	00	0	0	-	24.3	15	20	-8	0
ASWAN	360	12	50	00	0	0	-	23.1	17	26	-3	0
SIWA												
BAHARIYA	360	3	35	02	1	0	-	26.8	13	44	1	0
FARAFRA												
DAKHLA	40	3	35	00	0	0	-	23.6	15	30	-3	0
KHARGA	00	0	15	00	0	0	-	21.6	14	36	-1	0
SUEZ	360	5	15	01	0	0	-	27.4	13	44	1	0
TOR	180	4	35	00	0	0	-				8	0
HURGHADA	270	9	50	00	0	0	-	25.7	15	59	7	0
QUSEIR	360	19	15	01	1	0	-	25.6	15	48	4	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on SUNDAY 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	Diff. from normal mbs	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st
SALUM	00	0	7	03	2	7	Ac	27.2		15	18		7		77	11	0		
SIDI BARANI	17	1	50	02	0	0	-	28.2		13	17		5		77	9	0	235	
MATRUH	00	0	14	03	2	7	Sc	27.6		8			5		88	6	0		
EL DABA	40	10		01	1	3	Cu			10			5		82	7	0	142	
ALEXANDRIA	130	6	15	03	1	6	St,Ac	28.2	+11.1	10	18	-1	10	-1	94	9	0	244	163
FOUAD (Airport)	170	5	18	02	1	7	Sc	28.0		10	17		6		82	7	0	239	127
DAMIETTA	40	5		00	0	0	-	27.1	+10.6	13	17		6		77	9	0	236	85
PORT SAID	60	12	15	01	0	2	Sc	26.6		14	18		12		59	6	0	47	
EL 'ARISH	180	2	35	02	0	0	-	27.2	+9.9	8	17	-3	4	-4	71	3	0		65
DAMANHUR	230	5	15	42	4	0	-	27.8	+11.3	9	19	-2	5	-3	88	7	0	88	76
MANSURA	110	2	35	00	0	0	-	27.9	+11.3	12	20	-1	6	-2	77	8	0	37	57
TANTA	00	0	35	02	0	0	-	27.8	+10.9	8	20	-1	3	-4	88	6	0	24	30
ZAGAZIG	40	2	7	00	0	0	-	27.5	+10.3	7	20	-1	3	-4	87	5	0	14	19
ISMAILIA	140	2	3	02	0	0	-	27.2		10	18		6		76	6	0	11	
FAROUK (Airport)	110	9	14	00	0	0	-	27.4		10	18		7		67	4	0		
ALMAZA	80	5	13	00	0	0	-	27.1		10	18		7		67	4		4	
EZBEKIYA	360	3	15	00	0	0	-	27.4	+10.1	8	19	-3	5	-4	71	3	0	8	17
GIZA	360	3	15	00	0	0	-	27.4	+10.1	9	19	-2	2	-4	71	4	0	14	18
HELWAN	50	11	15	02	0	0	-	27.0	+9.4	11	18	-3	7	-2	51	1	0	15	18
FAIYUM	20	2	35	00	1	2	St	26.8	+9.7	9	19	-4	5	-3	71	4	0	4	6
MINYA	360	3	5	10	0	4	Cu	25.3		6	19		1		81	3	0	4	
ASYUT	270	2	18	00	0	7	Ci	24.6		8	20		4		50	-2	0	0	
NAG' HAMMADI	00	0	15	00	0	6	Ci	24.0	+6.8	9	23		3		71	4	0	0	
QENA	360	2	15	03	1	3	Ci	24.6	+8.1	10	21	-5	5	-3	50	0	0	dr	
LUXOR	70	6	30	03	1	0	-	23.4		10	19		6		50	0	0	dr	
ASWAN	360	2	50	00	0	0	-	22.3	+4.8	9	22	-4	9	-3	71	4	0	dr	
SIWA																		0	6
BAHARIYA	360	3	35	02	2	6	CS	26.6	+8.7	9	18	-5	6	-1	71	4	0	dr	6
FARAFRA																		dr	
DAKHLA	220	3	30	00	0	4	St,As,Cu	23.8	+5.4	10	20	-5	5	-2	62	3	0	dr	
KHARGA	20	2	35	00	0	3	Ci	24.0	+6.4	12	19	-6	6	-2	41	-1	0	0	
SUEZ	00	0	35	00	0	0	-	27.1	+10.5	8	17	-4	5	-5	58	0	0	12	12
TOR	310	2	35	00	0	0	-	27.4	+11.0	10	19	-3			62	3	0	0	11
HURGHADA	240	8		00	0	3	Ci	23.4		11	18		6		51	1	0	dr	
QUSEIR	40	13	15	00	1	3	Ci	23.1	+7.5	17	17	-6	13	-2	42	4	0	0	4
PORT SUDAN	310	7	30	01	0	1	Ac	17.5		19	24		13		64	12	0	34	92
WADI HALFA	10	5	30	00	0	0	-	20.8		7	22		5		62	0	0	tr	
ABU HAMAD	50	3	30	00	0	0	-	17.8		12	20		8		64	3	0	0	
KAREIMA	50	10	30	00	0	0	-	17.6		14	26		12		39	0	0	3	1
ATBARA	20	9	10	00	0	0	-	16.3		15	29		12		42	2	0	7	2
KHARTUM	20	12	10	05	1	6	Ci	15.1		16	30		14		42	3	0	10	4
KASSALA	360	2	30	00	0	0	-	12.0		20	32		15		56	11	0	2	8
WAD MEDANI	50	13	7	00	0	0	-			17	32		13		52	7	0	11	12
RENK	50	9	50	00	0	0	-	12.8		19	31		13		32	2	0	0	49
ROSEIRES	310	9	35	00	0	0	-			20	35		17		49	9	0	2	36
EL OBEID	350	9	30	00	0	0	-	15.4		14	27		11		17	-11	0	0	16
EL FASHER	10	5	30	02	0	6	Ci	-		9	27		6		50	-1	0	0	6
GENEINA	50	11	10	00	0	0	-	-		13	28		11		19	-10	0	0	4
MALAKAL	20	15	30	03	0	3	Ac	11.6		22	34		19		20	-2	0	69	88
WAU	180	4	10	00	4	0	-	11.2		21	35		17		14	-8	0	261	148
JUBA																		129	155

HUMIDITY

Mean of day

Station	on 19th	Diff from normal
Alexandria	57	-8
Ezbekiya	57	-5
Giza	55	-12
Helwan	49	-1

GIZA GRASS MINIMUM TEMP. ON 20 th -2.1 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ____ At ____

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

Remarks

RAWINSONDE — On ____ At ____ AIRPORT

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

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

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

UPPER WIND OBSERVATIONS on 19th

Station	PORT SAID				FOUAD A.P.																			
Time	14				15																			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	30	9			350	10																		
600	40	8			340	10																		
1000					340	12																		
1500	40	22			340	15																		
2000	20	20			350	16																		
3000					330	15																		
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 20th

Station	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SAID		EL 'ARISH		HELWAN		MINYA		ASYUT MANGABAD		LUXOR		ASWAN		HURGHADA		
Time	5						4				7				9		5 15		5		9		
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	90	5					60	13			20	12			350	3	20	16	10	10	330	6		
600	70	8					50	8			50	16			30	5	50	16	30	21	320	3		
1000	40	9					50	18			60	13			30	10	60	21	40	27	50	5		
1500	30	10					40	16			60	20			70	15	80	30	80	23				
2000	40	9					30	18			60	9			60	18								
3000											50	10			50	10								
4000											10	11			20	12								
5000											10	16												
6000											260	7												
7000																								
8000																								

Station	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
Time	5		5		5		6		4		4		4 30		4 30				4 15				4 15	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	90	21	70	20	70	5	10	16	30	15														
600	90	14	70	30	70	13	50	23	60	21	50	19	30	20	30	14							10	25
1000	60	10	50	30	60	19			70	11	50	20	50	33	40	30			30	27			20	32
1500	90	10	50	24	40	10			40	13	60	6	80	4	50	12			50	29			50	17
2000	70	11	90	16	70	16					60	8			230	4								
3000	80	12	80	12									350	8	260	10			280	5			110	3
4000	90	10	110	2											240	17			210	16				
5000	150	10	70	9																				
6000	160	12																						
7000	150	10																						
8000																								

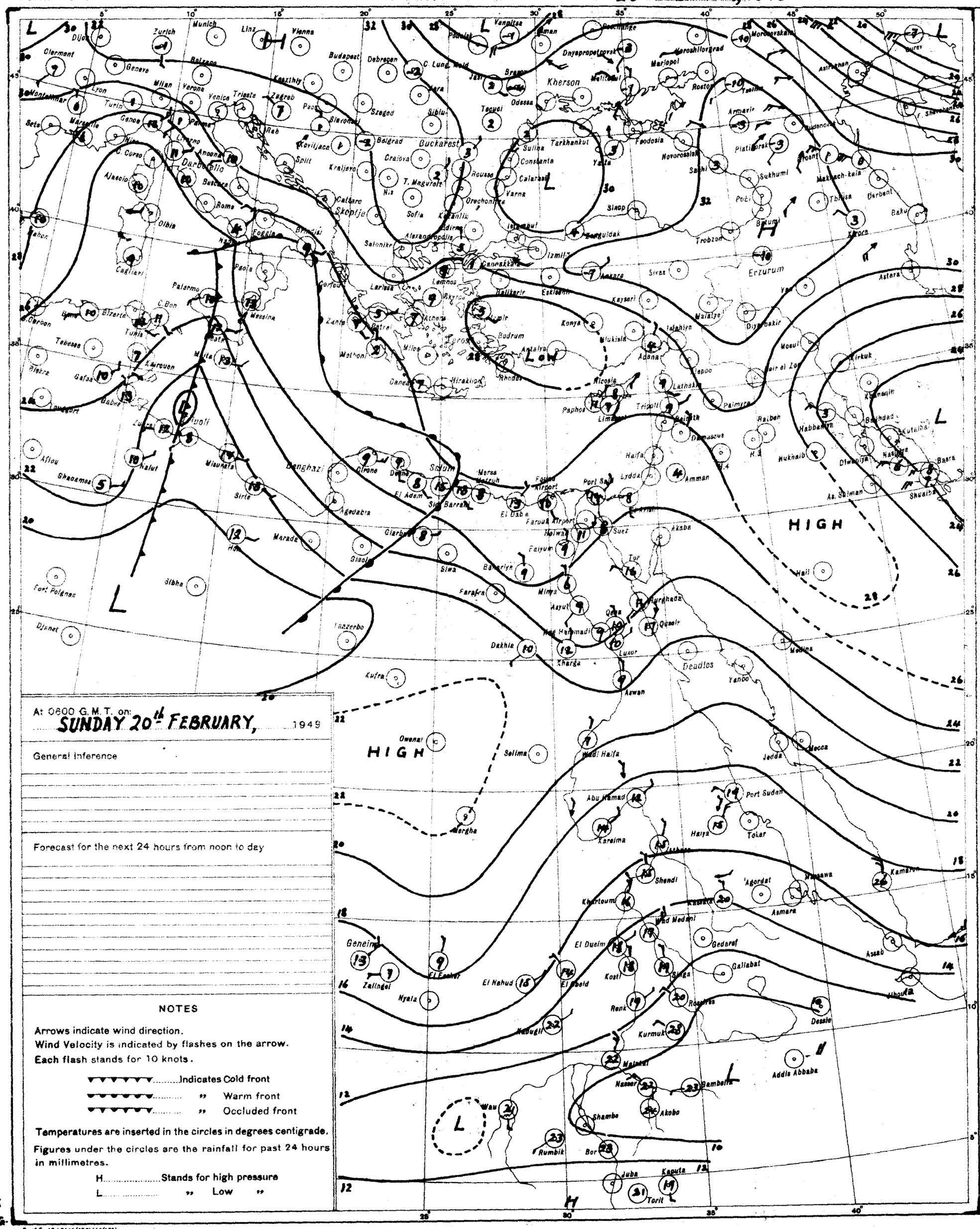
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 20th FEBRUARY, 1949



At 0600 G.M.T. on: SUNDAY 20th FEBRUARY, 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

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

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

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

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	" or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	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	—	0
Cirrus	Ci	1
Cirrostratus	Cs	2
Cirrocumulus	Cc	3
Altocumulus	Ac	4
Altostratus	As	5
Stratocumulus	Sc	6
Nimbostratus	Ns	7
Cumulus or Fractocumulus	Cu or Fc	8
Cumulonimbus	Cb	9
Stratus or Fractostratus	St or Fs	0

AMOUNT OF CLOUD

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

S of E 1948(48/195)(48/450)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 0N 30 G. M. T.

" " Sunset 15 48 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date : MONDAY 21st FEBRUARY, 1949

At 1200 on SUNDAY 20th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
MEDITERRANEAN	62300	SALÛM	40	6	7	02	2	7	Ac,Ci	25.5	16	68	10
	62303	SÎDI BARÂNI	40	5	50	03	1	8	Sc,Cu	25.6	15	68	9
	62306	MATRÛH	70	6		02	2	7	Sc	26.1	15	59	7
	62309	EL DABA	40	15		01	1	3	Cu	23.5	17	68	11
		ALEXANDRIA	40	5	50	03	2	6	Ci	24.7	15	63	9
	62318	FOUAD (Airport)	20	6	30	02	0	2	Ci	25.0	17	52	7
	62330	DAMIETTA	360	5	15	00	0	2	Ci,Cc	25.1	16	59	8
	62333	PORT SA'ÎD	80	5	30	02	1	1	Sc	25.1	16	59	8
	62336	EL 'ARISH	20	9	35	02	0	0	—	25.2	15	59	7
LOWER EGYPT	62339	DAMANHUR	40	9	15	02	0	2	Cu	25.4	18	52	8
	62342	MANSURA	40	5	35	01	1	3	Ac	25.2	18	52	8
	62348	TANTA	310	5	35	03	1	2	Cu	24.8	19	46	7
	62354	ZAGAZIG	220	2	15	00	0	0	—	24.8	18	52	8
	62441	ISMA'ÎLÎA	360	5	7	03	1	3	As	24.7	17	42	4
CAIRO AREA	62366	FAROUK (Airport)	70	15	30	03	0	3	Ac,Ci	24.1	18	43	5
	62372	ALMÀZA	40	9	30	02	0	2	Ci,Cs	23.8	18	52	8
		EZBEKÎYA	360	5	35	03	0	2	Ci	23.9	19	37	4
		GÎZA	360	5	35	03	0	2	Ci	23.9	19	32	2
	62378	HELWÂN	20	13	50	03	1	6	Ci	23.5	18	28	-1
UPPER EGYPT	62381	FAIYÛM	20	8	35	03	2	7	St	22.8	20	24	-1
	62387	MINYA	10	11	12	00	1	2	Ci	22.0	20	24	-1
	62393	ASYÛT MANQABÂD	310	5	30	01	1	5	Ci	20.6	19	24	-2
	62399	NAG' HAMMÂDI	360	1	35	00	0	3	As	19.9	20	33	3
	62402	QENA	270	5	35	02	1	3	Ci	19.9	23	32	5
	62405	LUXOR	360	9	30	02	1	3	Ci	19.0	20	24	-1
	62414	ASWÂN	90	1	50	00	0	0	—	17.4	23	22	0
OASES	62417	SÎWA	00	0	15	00	0	0	—	25.5	20	41	6
	62420	BAHARÎYA	360	3	35	02	2	6	Cs	22.7	19	37	4
	62423	FARAFRA											
	62432	DAKHLA	40	3	50	00	0	0	—	21.1	19	37	4
	62435	KHARGA	20	3	35	00	0	0	—	21.0	20	16	-7
RED SEA	62450	SUEZ	360	5	50	01	0	0	—	22.6	17	34	1
	62459	TÛR	310	9	15	00	0	6	Ci	21.9	17	42	4
	62462	HURGHÂDA	340	4		02	2	6	Ci	21.2	17	56	8
	62465	QUSEIR	20	13	15	03	2	6	As	21.9	19	37	4
	62641	PORT SÛDÂN	20	23	2	07	1	1	Cu	13.7	25	61	17
NORTH SÛDÂN	62600	WÂDI HALFA	360	13	30	00	0	0	—	16.9	21	25	0
	62640	ABU HAMAD											
	62660	KAREIMA	20	9	30	00	0	0	—	13.1	25	19	0
	62680	'ATBARA	310	9	10	03	1	7	Cs	10.7	26	15	-3
	62721	KHARTÛM	20	10	10	02	0	0	—	10.5	28	31	9
	62730	KASSALA	20	5	30	02	1	0	—	6.4	32	29	12
CENTRAL SÛDÂN	62751	WÂD MEDANI	360	9	35	00	0	0	—	7.5	32	21	7
	62801	RENK	50	9	50	00	0	0	—	6.6	33	19	6
	62802	ROSEIRES	340	5	35	00	0	0	—		36	19	9
	62771	EL OBEID	30	7	30	00	0	0	—	9.4	27	15	-2
	62760	EL FÂSHER	90	5	30	00	0	0	—		27	20	2
	62770	GENEINA	50	6	30	00	0	0	—		27	10	-7
S. SÛDÂN	62840	MALAKÂL	20	4	30	02	0	0	—	4.9	35	13	3
	62880	WÂU	210	4	30	00	0	0	—	5.8	34	9	-3
	62941	JUBA	50	2	30	01	1	2	Ac,Cc	4.2	35	10	0

At 1800 on 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	40	6	7	01	2	2	Cu,Sc	25.0	14	67	8	0
SÎDI BARÂNI	40	4	35	01	2	4	Sc,Ci	25.4	13	77	9	0
MATRÛH	70	4	14	02	2	7	Sc	24.4	13	67	7	0
EL DABA	40	13		01	0	0	—			59	8	0
ALEXANDRIA	40	9	3	02	2	7	St	25.4	13	67	7	8
FOUAD (Airport)	20	7	8	01	1	3	Cu,Ci	26.2	11	82	8	0
DAMIETTA	40	9		00	0	0	—	25.2	14	67	8	0
PORT SA'ÎD	60	16	18	01	0	0	—	24.2	14	67	8	0
EL 'ARISH	20	19	7	02	0	0	—	24.8	13	77	9	0
DAMANHUR	40	9	7	02	0	0	—	25.1	12	77	8	0
MANSURA	20	5	3	00	1	0	—	25.5	11	88	9	0
TANTA	360	2	35	02	1	0	—	25.0	12	77	8	0
ZAGAZIG	40	2	3	00	0	0	—	25.0	11	88	9	0
ISMA'ÎLÎA	40	5	3	02	0	0	—	24.6	12	63	5	0
FAROUK (Airport)	40	12	12	00	0	0	—	24.7	13	63	6	0
ALMÀZA	50	8	12	00	0	0	—	23.7	14	67	8	0
EZBEKÎYA	40	5	15	00	0	0	—	24.2	13	55	4	0
GÎZA	40	5	15	00	0	0	—	24.0	13	55	4	0
HELWÂN	20	11	35	01	1	2	Ci	23.4	13	55	4	0
FAIYÛM	360	2	35	01	1	5	St	22.7	14	48	3	0
MINYA	360	8	8	00	0	0	—	21.1	12	44	0	0
ASYÛT MANQABÂD												
NAG' HAMMÂDI	00	0	15	00	0	0	—	19.5	13	77	9	0
QENA	270	2	7	01	1	2	Ci	19.5	14	55	5	0
LUXOR	20	3	15	00	0	0	—	19.0	16	34	0	0
ASWÂN	00	0	50	00	0	0	—	17.8	19	30	1	0
SÎWA	00	0	7	00	0	0	—	25.0	14	48	3	0
BAHARÎYA	90	3	35	02	1	0	—	22.8	14	36	-1	0
FARAFRA												
DAKHLA	20	3	35	00	0	0	—	21.1	16	42	3	0
KHARGA	00	0	15	00	0	0	—	21.4	14	36	-1	0
SUEZ	360	8	7	02	0	0	—	23.5	14	48	3	0
TÛR	310	4	15	00	1	0	—	20.8	15	68	9	0
HURGHÂDA	310	11	30	00	1	0	—	20.5	11	63	4	0
QUSEIR	360	13	15	01	1	0	—	20.2	16	59	8	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on MONDAY 21st

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temp. Dry Bulb	Temp. Maximum Yesterday	Temp. Maximum Diff. from normal	Temp. Minimum Today	Temp. Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	00	0	7	03	2	8	St,Ac	23.9		14	17		8		67	8	0		
SÎDI BARÂNI	00	0	50	03	1	8	Sc,Cu	24.3		15	17		10		68	9	0	235	
MATRÛH	90	2	14	02	1	7	Sc	24.1		12	16		8		77	8	0		
EL DABA	40			01	1	4	Cu	23.5		16?			11		49	5	0	142	
ALEXANDRIA	90	5	35	02	2	7	Sc,Ac	23.8	+6.7	14	18	-1	11	0	67	8	0	244	164
FOUAD (Airport)	40	1	14	02	2	7	Sc	23.9		12	17		10		63	9	0	239	128
DAMIETTA	20	5		03	1	7	Sc	22.6	+6.1	15	18		10		68	9	0	236	85
PORT SA'ÎD	60	12	15	01	1	5	Sc	22.3		15	17		14		68	9	0	47	
EL 'ARISH	140	2	35	02	0	0	—	22.4	+5.1	11	17		6	-2	77	7	0		66
DAMANHUR	40	9	7	03	2	7	Ac	24.3	+7.8	11	19	-2	8	0	88	9	0	88	77
MANSURA	40	5	35	03	2	6	Sc,Cu	22.7	+6.1	13	20	-1	9	+1	63	7	0	37	37
TANTA	220	2	35	03	1	6	Cu	23.5	+6.6	10	20	-1	3	-4	76	6	0	24	30
ZAGAZIG	40	2	7	00	0	0	—	23.0	+5.9	12	20	-1	5	-2	77	8	0	14	20
ISMA'ÎLÎA	40	2	3	00	1	3	As	22.6		11	18		7		77	7	0	11	
FAROUK (Airport)	40	2	12	03	0	2	St,Ci,Cu	23.4		8	18		7		88	6	0		
ALMÀZA											19							4	
EZBEKÎYA	00	0	15	03	0	3	Ci	22.4	+5.1	8	20	-2	6	-3	88	6	0	8	17
GÎZA	00	0	15	03	0	3	Ci	22.4	+5.1	9	19	-2	3	-3	82	6	0	14	18
HELWÂN	50	11	7	00	0	3	Cu,Ci	22.0	+4.4	11	19	-2	9	0	77	7	0	15	18
FAIYÛM	20	8	35	01	0	0	—	21.9	+4.8	10	20	-3	6	-2	76	6	0	4	6
MINYA	360	5	8	10	0	0	—	20.6		7	20		3		49	-3	0	4	
ASYÛT MANQABÂD	290	5	18	00	0	0	—	20.2		8	22		4		62	1	0	0	
NAG' HAMMÂDI	00	0	15	00	0	0	—	20.0	+2.8	10	22		3		62	3	0	0	
QENA	360	5	15	00	0	0	—	18.6	+2.2	11	24	-2	5	-3	30	-6	0	dr	
LUXOR	00	0	30	00	0	0	—	19.3		11	22		3		41	-2	0	dr	
ASWÂN	360	3	50	00	0	0	—			11	25	-1	7	-5	58	3	0	dr	
SÎWA	00	0	15	00	0	0	—	27.0	+8.2	11	21	-1	4	-2	63	4	0	0	6
BAHARÎYA	40	3	35	02	1	4	As				20	-3	7	0		2	0	dr	6
FARAFRA																		dr	
DAKHLA	00	0	35	00	0	0	—	20.2	+1.9	7	22	-3	4	-3	57	-1	0	dr	
KHARGA	00	0	35	00	0	0	—	20.4	+2.9	9	21	-4	4	-4	47	-2	0	0	
SUEZ	00	0	35	00	0	0	—	21.1	+4.5	11	18	-3	7	-3	63	4	0	12	12
TÛR	20	8	35	00	0	0	—	20.2	+3.9	9	19	-3	5	-5	62	2	0	0	11
HURGHADA	260	8		00	0	0	—	20.3		12	18		7		41	-1	0	dr	
QUSEIR	330	13	15	02	0	0	—	18.7	+3.1	17	19	-4	14	-1	52	7	0	0	4
PORT SÛDÂN	350	10	30	03	0	1	Ac	16.1		21	26		16		69	15	0	34	93
WÂDI HALFA	340	2	30	03	1	4	Ci	8.6		9	22		6		50	-1	0	tr	
ABU HAMAD	50	5	30	01	2	1	Ci	16.0		15	26		10		42	2	0	0	
KAREIMA	20	3	30	03	2	8	Cs	16		14	26		12		36	0	0	3	1
'ATBARA	20	5	10	03	1	6	Cs	15.6		11	28		12		67	5	0	7	2
KHARTÛM	360	10	30	03	0	3	Ci	14.8		18	29		15		37	3	0	10	4
KASSALA	90	2	30	01	1	2	Ci	13.3		19	33		12		56	10	0	2	8
WÂD MEDANI	360	5	50	00	0	0	—	14.6		17	33		12		28	-2	0	11	12
RENK	350	9	50	00	0	0	—	13.4		22	34		14		33	5	0	0	49
ROSEIRES	310	5	35	00	0	0	—	—		22	36		20		38	7	0	2	32
EL OBEID	360	9	30	00	0	0	—	15.9		16	30		12		26	-3	0	0	16
EL FÂSHER																		0	6
GENEINA																		-	4
MALAKÂL	20	11	30	00	0	0	—	11.2		24	36		22		26	3	0	69	88
WÂU	00	0	30	02	1	6	Ac	11.4		22	35		18		29	3	0	261	148
JUBA																		129	155

HUMIDITY % Mean of day

Station	on 20th	Diff. from normal
Alexandria	72	+7
Ezbekîya	57	-5
Giza	57	-9
Helwân	47	-3

GÎZA GRASS MINIMUM TEMP. ON 21st -1.6 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — Farouk AIRPORT — On 21st At 3

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	176	8	94	90	10
950					
900					
850	1518	8		50	17
800					
700	3097	-2		320	5
600					
500	5670	-20		360	1
400		-33			
300	7230	-49			

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

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

UPPER WIND OBSERVATIONS on 20th

Station	Fouad A.P.																											
Time	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.	Dir.	Vel.
300					40	12																						
600					50	14																						
1000					60	17																						
1500					60	16																						
2000					70	5																						
3000					30	5																						
4000					70	8																						
5000																												
6000																												
7000																												
8000																												

UPPER WIND OBSERVATIONS on 21st

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'îd		El 'Arîsh		Helwân		Minya		Asyût Manqabad		Luxor		Aswân		Hurghada		Farouk	
Time	5				3		5				6	45	9		9	15	6		5		9		3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	80				50	10	50	12			50	13	350	8	280	6	30	7	30	3	300	10	70	29
600	70	10			50	14	50	13			60	16	10	6	270	7	60	12	30	18	360	4	60	28
1000	80	7			50	13	70	9			60	17	290	7	310	3	80	11	70	18			50	25
1500											50	17	330	10	350	6	60	7	50	11			50	17
2000											20	9	360	7	360	9	20	9	140	10			60	6
3000											360	10	330	7			290	13					320	5
4000													320	9			280	14						
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	5		5		5		6																	
Height m.	Dir.	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	18	340	6	20	8																
600	90	18	70	29	30	7	50	4																
1000	50	7	80	15	70	7	30	5																
1500			70	8	50	4	250	8																
2000	360	4	290	3	60	6	10	7																
3000	350	5	180	3	330	4																		
4000	220	5	300	3	270	15																		
5000	270	8	250	12	270	19																		
6000	240	19																						
7000	260	19																						
8000																								

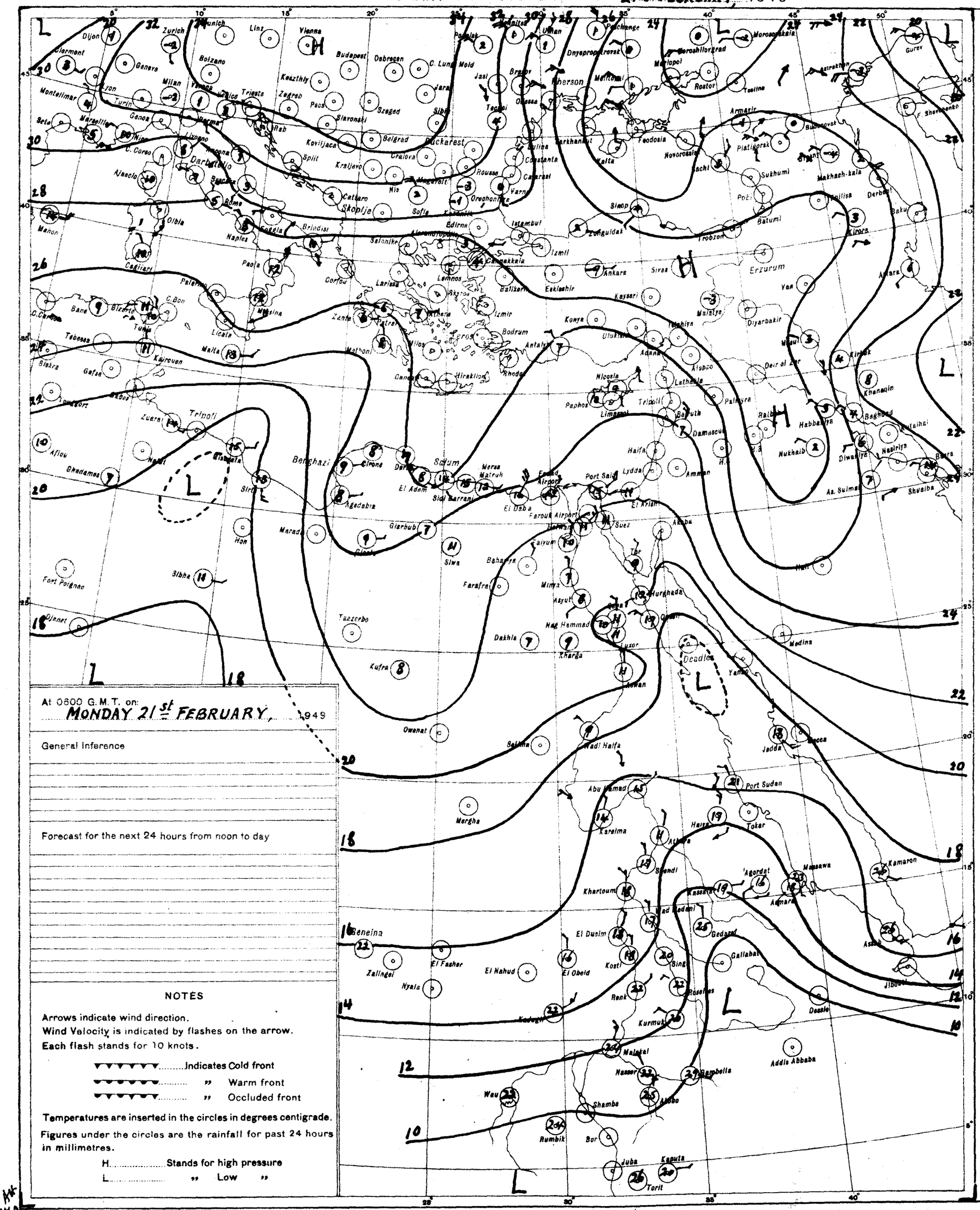
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 21st FEBRUARY, 1949


Dijon
Clermont
Zurich
Munich
Linz
Vienna
Budapest
Debrecen
Genova
Milan
Bolzano
Montelimar
Lyon
Turin
Marseille
Nice
Livorno
Rome
Naples
Brindisi
Palermo
Cagliari
Tunis
Bizerta
Tripoli
Benghazi
Malta
Corfou
Salonika
Athens
Sofia
Belgrad
Bucharest
Odessa
Kherson
Sevastopol
Istanbul
Izmir
Ankara
Erzurum
Tiflis
Baku
Batumi
Trebizond
Rostov
Mariupol
Dnyeprodzerzhinsk
Dnyeprop'rovsk
Voroshilovgrad
Moroz'skaya
Gurev
Astrakhan
Tsalino
Armavir
Feodosia
Novorossiysk
Sochi
Sukhumi
Makhach-kala
Derbent
Kirovo
Erzurum
Van
Diyarbakir
Mosul
Kirkuk
Khanaqin
Baghdad
Nicosia
Paphos
Limassol
Beirut
Damascus
Haifa
Lydda
Ammman
Port Said
Suez
Tor
Akaba
Medina
Jedda
Mecca
Port Sudan
Tokar
Massawa
Asmara
Kamaron
Khartoum
Wad Medani
Gedaref
Gallabat
Kassala
Kosti
El Obeid
El Fasher
El Nahud
Zalingei
Nyala
Geneina
Kadugli
Renk
Roseires
Kurmuk
Malakal
Nasser
Rumbella
Addis Abbaba
Dessie
Jibuti
Wau
Shambe
Rumbik
Bor
Juba
Kapoeta
Torit
Aden
Mukalla
Hurghada
Luxor
Aswan
Kharga
Dakhla
Kufra
Tazerbo
Siwa
Farafra
Mimya
Asyut
Nag Hammadi
Owenat
Salima
Wadi Halfa
Abu Hamad
Karima
Merga
Fort Poignon
Djanet
Sidi Barrani
El Daba
Farouk Airport
Giarbub
Marada
Hon
Sirte
Tobruk
Derna
Cirene
Agedabia
El Adem
Merse Matruh
Port Lyautey
Fez
Oran
Algiers
Tunis
Bone
Biskra
Gafsa
Tebessa
Kairouan
Gabes
Zuara
Aflou
Ghadames
Bône
Cagliari
Palermo
Messina
Catania
Naples
Rome
Pisa
Genova
Milan
Turin
Marseille
Montelimar
Lyon
Clermont
Dijon
Zurich
Munich
Linz
Vienna
Budapest
Debrecen
Cluj
Bucharest
Constanta
Varna
Sofia
Skoplje
Salonika
Istanbul
Izmir
Ankara
Erzurum
Tiflis
Baku
Batumi
Trebizond
Rostov
Mariupol
Dnyeprodzerzhin

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 No 7 F.

DAILY WEATHER REPORT

Date: TUESDAY 22nd FEBRUARY, 1949

At 1200 on MONDAY 21st

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALÛM	40	5	7	01	2	6	Ac.C	22.2	16	59	8
	62303	SÎDI BARÂNI	360	6	50	02	2	8	Sc.Cu	22.3	16	59	8
	62306	MATRÛH	40	8	14	02	2	7	Sc	22.5	16	58	6
	62309	EL ḌABA	40	12		01	1	5	Cu	21.1	16	59	8
		ALEXANDRIA	40	10	50	01	2	4	Cu.Sc	21.9	16	59	8
	62318	FOUAD (Airport)	40	12	18	02	2	7	Sc.Cu	21.0	17	42	4
	62330	DAMIETTA	20	9	15	01	1	6	Ci.Cc	20.2	16	68	10
	62333	PORT SA'ÎD	40	13	30	03	1	4	Sc	20.2	17	68	11
	62336	EL 'ARISH	40	2	35	02	0	1	Cu	20.6	20	46	8
LOWER EGYPT	62339	DAMANHUR	40	9	15	01	1	2	Cu	21.1	18	60	10
	62342	MANSURA	40	5	35	01	1	4	Ac	20.6	19	52	9
	62348	TANTA	360	8	35	01	1	5	Cu	20.7	19	52	9
	62354	ZAGAZIG	40	2	15	03	1	4	Ac	19.9	20	46	8
	62441	ISMA'ILIA	360	5	7	03	2	8	As	19.5	20	41	6
CAIRO AREA	62366	FAROUK (Airport)	40	18	30	02	1	4	Ci	19.1	19	52	9
	62372	ALMAZA	40	11	30	00	1	0	–	19.0	19		
		EZBEKIYA	360	6	35	00	0	2	Cu	19.2	20	41	6
		GÎZA	360	6	35	00	0	2	Ci	18.7	20	41	6
	62378	HELWÂN	360	11	50	02	1	2	Ci	18.3	20	24	-1
UPPER EGYPT	62381	FAIYÛM	20	4	35	02	0	0	–	18.3	21	33	4
	62387	MINYA	50	6	12	02	0	1	Ci	18.3	20	41	6
	62393	ASYÛT MANQABÂD	310	3	30	02	0	1	Cu,Ci	16.9	21	26	1
	62399	NAG' HAMMÂDI	340	1	35	00	0	0	–	16.6	21		
	62402	QENA	270	5	50	00	0	0	–	16.3	24	26	3
	62405	LUXOR	360	2	30	00	0	0	–	16.1	22	20	-2
	62414	ASWÂN	340	5	50	00	0	0	–	15.8	23	26	2
OASES	62417	SÎWA	00	0	15	00	0	0	–	23.5	21	50	10
	62420	BAHARÎYA	40	3	35	02	1	1	As	19.5	20	33	3
	62423	FARAFRA											
	62432	DAKHLA	320	5	50	00	0	0	–	17.5	21	33	4
	62435	KHARGA	20	1	35	00	0	0	–	17.4	23	16	-4
RED SEA	62450	SUEZ	00	0	35	03	0	2	As	17.8	21	20	-3
	62459	ṬÛR	310	5	35	00	0	0	–	17.1	19	52	9
	62462	HURGHÂDA	340	4		00	0	0	–	17.3	18	52	8
	62465	QUSEIR	360	13	15	02	2	0	–	17.5	21	57	12
	62641	PORT SÛDÂN	40	11	30	02	0	2	Cu.Ac	12.1	25	51	14
NORTH SÛDÂN	62600	WÂDI ḤALFA	360	9	30	01	1	1	Ci	14.4	24	17	-3
	62640	ABU ḤAMAD	50	3	30	03	2	4	Ci	12.6	27	23	4
	62660	KAREIMA	340	6	30	03	2	8	Cs	12.3	28	15	-1
	62680	'ATBARA	20	5	10	02	2	7	Cs	10.1	29	17	1
	62721	KHARTÛM	340	6	30	01	0	1	Ci	6.3	30	25	8
	62730	KASSALA	360	5	30	00	0	0	–	5.9	34	20	8
CENTRAL SÛDÂN	62751	WÂD MEDANI	360	5	35	00	0	0	–	7.5	33	14	2
	62801	RENK	50	5	35	00	0	0	–	7.8	33	14	2
	62802	ROSEIRES	340	5	35	00	0	0	–		35	22	10
	62771	EL OBEID	360	10	30	00	0	0	–	8.3	30	5	-13
	62760	EL FÂSHER	60	9	30	01	0	3	Ci		28	27	7
	62770	GENEINA	50	7	30	01	1	5	Ci		29	9	-7
S. SÛDÂN	62840	MALAKÂL	50	7	30	01	1	2	Ac	5.4	35	13	3
	62880	WÂU	270	8	30	01	1	3	Ac	5.8	35	13	3
	62941	JUBA	70	9	30	01	1	5	Cu.Ac	4.7	35	30	15

At 1800 on 21st

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST 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	20	5	7	01	0	3	Cu,Sc	22.2	14	67	8	0
62303	SÎDI BARÂNI	40	4	35	01	1	4	Sc,Cu	22.3	14	67	8	0
62306	MATRÛH												
62309	EL ḌABA	40	13		01	1	3	Cu		15	62	9	0
	ALEXANDRIA	40	6	3	03	2	6	St,Ac	21.4	14	67	8	0
62318	FOUAD (Airport)	350	9	15	02	2	6	Sc.Cu	21.2	13	88	11	0
62330	DAMIETTA	20	9		00	0	0	–	20.2	15	68	9	0
62333	PORT SA'ÎD	30	17	15	02	0	0	–	19.8	15	72	10	0
62336	EL 'ARISH			7	01	0	0	–	19.4	13	88	11	0
62339	DAMANHUR	40	9	7	02	1	2	Cu	21.1	12	77	8	0
62342	MANSURA	20	5	3	00	1	0	–	20.6	12	88	10	0
62348	TANTA	00	0	35	01	1	2	Cu	21.2	13	67	7	0
62354	ZAGAZIG	40	2	4					20.2	13	88	11	0
62441	ISMA'ILIA	20	2	3	02	0	0	–	19.6	13	77	9	0
62366	FAROUK (Airport)	20	16	18	02	0	0	–	20.0	14	72	9	0
62372	ALMAZA	50	10	18	00	0	0	–	19.6	14	72	9	0
	EZBEKIYA	360	5	15	00	0	0	–	19.6	14	67	8	0
	GÎZA	360	5	15	00	0	0	–	19.4	15	68	9	0
62378	HELWÂN	20	23	3	02	0	0	–	18.6	15	59	7	0
62381	FAIYÛM	20	2	35	02	0	0	–	17.8	15	59	7	0
62387	MINYA	00	0	8	00	0	0	–	18.3	14	52	4	0
62393	ASYÛT MANQABÂD												
62399	NAG' HAMMÂDI	00	0	15	00	0	0	–	16.8	14	55	5	0
62402	QENA	290	5	7	00	0	0	–	16.2	16	42	3	0
62405	LUXOR	00	0	15	00	0	0	–	16.0	15	39	1	0
62414	ASWÂN	360	4	50	00	0	0	–	16.2	19	32	2	0
62417	SÎWA	00	0	7	00	0	0	–	21.9	13	59	5	0
62420	BAHARÎYA	360	2	35	02	1	0	–	19.8	14	55	5	0
62423	FARAFRA												
62432	DAKHLA	320	3	35	00	0	0	–	16.8	16	49	5	0
62435	KHARGA	360	1	15	00	0	0	–	18.0	16			0
62450	SUEZ	00	0	15	01	0	0	–	18.3	14	48	3	0
62459	ṬÛR	310	4	15	00	0	0	–	17.0	17	68	11	0
62462	HURGHÂDA	250	2		00	0	0	–	17.0		51		0
62465	QUSEIR	360	09	15	02	0	0	–	16.6	17	60	9	0
62641	PORT SÛDÂN												
62600	WÂDI ḤALFA												
62640	ABU ḤAMAD												
62660	KAREIMA												
62680	'ATBARA												
62721	KHARTÛM												
62730	KASSALA												
62751	WÂD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID												
62760	EL FÂSHER												
62770	GENEINA												
62840	MALAKÂL												
62880	WÂU												
62941	JUBA												

At 0600 on TUESDAY 22nd

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL Total From Oct. 1st.	RAINFALL Normal From Oct. 1st.
62300	SALUM	320	1	7	03	2	7	Ac	22.3		13	17		8		77	9	0		
62303	SÎDI BARÂNI	200	4	50	03	1	7	Sc,Cu,Ac	19.8		10	17		8		88	8	0	235	
62306	MATRÛH	00	0	14	02	2	7	St			14			16		55	5	0		
62309	EL ḌABA	320	12		01	1	6	Cu	20.0		15			12		52	5	0	142	
	ALEXANDRIA	40	4	50	03	2	7	St,Ac	20.3	+3.3	15	17	-3	13	+2	59	7	0	244	165
62318	FOUAD (Airport)	40	4	15	02	2	7	Sc	19.9		14	18		11		67	8	0	239	128
62330	DAMIETTA	20	5		01	0	1	Cu	19.1	+2.7	15	17		8		68	9	0	236	86
62333	PORT SA'ÎD	40	10	15	02	0	0	–	19.0		16	18		14		68	10	0	47	
62336	EL 'ARISH			35	02	0	0	–	18.7	+1.5	12	20	0	6	-2	88	10	0		66
62339	DAMANHUR	40	9	7	03	1	6	Cu	20.2	+3.7	13	19	-2	10	+2	77	9	0	88	78
62342	MANSURA	360	2	35	00	0	0	–	19.2	+2.7	11	21	0	9	+1	77	7	0	37	38
62348	TANTA	00	0	35	02	1	1	Cu	20.4	+3.5	9	20	-2	3	-4	88	7	0	24	30
62354	ZAGAZIG	40	2	7	00	0	0	–	19.2	+2.1	10	20	-1	5	-2	88	8	0	14	20
62441	ISMA'ILIA	290	2	3	02	0	0	–	19.0		10	20		5		76	6	0	11	
62366	FAROUK (Airport)	00	0	0.1	49	4			19.8		5	20		5		95	5	0		
62372	ALMAZA	260	2	0.03	42	4	9	–	19.4	+2.1	7	20		4		95	7	0	4	
	EZBEKIYA	360	5	0.3	43	4	9	–	19.8	+2.5	8	21	-1	7	-2	95	8	0	8	17
	GÎZA	360	5	0.3	43	4	9	–	19.9	+2.6	7	20	-1	6	0	95	7	0	14	18
62378	HELWÂN	360	2	0.8	42	4	0	–	19.0	+1.5	8	21	0	5	-4	95	8	0	15	19
62381	FAIYÛM	20	2	35	02	0	0	–	19.1	+2.1	9	22	-1	7	-1	88	7	0	4	6
62387	MINYA	360	4	8	03	4	7	Sc	18.4		8	20		5		76	4	0	4	
62393	ASYÛT MANQABÂD	270	1	1	10	0	0	–	17.5		8	22		6		95	8	0	0	
62399	NAG' HAMMÂDI	00	0	15	00	0	1	Ci	17.4	+0.3	12	24		3		55	3	0	0	
62402	QENA	290	5	15	00	0	0	–	17.2	+0.8	11	26	0	5	-3	51	1	0	dv	
62405	LUXOR	00	0	30	00	0	0	–	16.8		10	25		4		38	-4	0	dv	
62414	ASWÂN	00	0	50	00	0	0	–	16.7	-0.6	13	24	-2	9	-3	41	0	0	dv	
62417	SÎWA	00	0	15	00	0	0	–	21.8	+3.1	10	21	-1	4	-2	54	1	0	0	6
62420	BAHARÎYA	360	3	35	02	1	3	As	19.8	+2.0	9	21	-2	6	-1	71	4	0	dv	6
62423	FARAFRA																			
62432	DAKHLA	00	0	35	00	0	0	–	18.8	+0.6	8	24	-1	5	-2	46	-3	0	dv	
62435	KHARGA	00	0	35	00	0	0	–	18.2	+0.8	9	23	-2	5	-3	62	2	0	0	
62450	SUEZ	00	0	15	00	0	0	–	17.8	+1.3	12	23	+1	9	-1	77	8	0	12	12
62459	ṬÛR	20	2	15	00	0	0	–	16.4	+0.2				6	-4			0	0	11
62462	HURGHÂDA	300	8		00	0	0	–	16.4		16	19		7		52	6	0	dv	
62465	QUSEIR	270	9	15	02	0	0	–	16.2	+0.7	16	21	-2	12	-3	42	3	0	0	4
62641	PORT SÛDÂN	340	9	30	03	1	8	Cu,Cs	15.1		21	27		17		69	15	0	34	93
62600	WÂDI ḤALFA			30	03	0	2	Ci	17.1		9	26		8		37	-5	0	tr	
62640	ABU ḤAMAD	50	9	30	03	2	8	Cs	14.8		16	27		13		34	0	0		
62660	KAREIMA	90	2	30	03	2	8	Cs	15.4		14	29		13		39	0	0	3	1
62680	'ATBARA	340	5	10	03	1	0	Cs	14.0		16	30		13		28	-3	0	7	2
62721	KHARTÛM	70	4	30	03	1	4	Ac,Cc	14.2		19	32				28	0	0	10	4
62730	KASSALA	50	2	30	01	1	1	Ac	10.6		22	35		13		61	14	0	2	8
62751	WÂD MEDANI	50	5	35	00	0	0	–	13.6		18	35		11		30	0	0	11	12
62801	RENK	50	5	50	00	0	0	–	12.6		22	33		15		31	4	0	0	49
62802	ROSEIRES	360	9	35	00	0	0	–	–		20	36		19		49	9	0	2	36
62771	EL OBEID	20	7	30	01	0	3	Ci	13.7		18	31		13		17	-8	0	0	16
62760	EL FÂSHER	350	2	30	03	1	5	Ci	–		14	31		10		45	2	0	0	6
62770	GENEINA	50	12	30	02	1	7	Cs	–		18	33		16				0		4
62840	MALAKÂL	20	11	30	01	1	6	Ac	10.9		23	35		21		20	-1	0	69	88
62880	WÂU	00	0	30	02	1	8	Ac	9.8		25	37		23		36	9	0	261	148
62941	JUBA	50	2	30	02	1	6	Cu,Ac	10.9		25	36		22				0	129	156

HUMIDITY % Mean of day

STATION	on 21st	Diff. from normal
Alexandria	63	-2
Ezbekiya	73	+12
Gîza	69	+3
Helwân	65	+15

GÎZA GRASS MINIMUM TEMP. ON 22nd 1.7 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — FAROUK AIRPORT — On 22nd At 4

PRESSURE mbs.	HEIGHT ABOVE M.S.L. ~~FEET~~ METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	144	6	53	00	0
950					
900					
850	1472	5		40	10
800					
700	3026	-4		290	12
600					
500	5589	-22		270	22
400		-31			
300					

AIRPORT — On ..... At .....

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

UPPER WIND OBSERVATIONS on 21st

STATION	PORT SAID				FOUAD A.P.				MINYA															
TIME	14				15				15															
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	30	17			30	10			350	8														
600	40	12			20	15			360	11														
1000	40	13			40	15			340	10														
1500	60	12			40	16			20	7														
2000	40	8																						
3000	60	5																						
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 22nd

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ID		EL 'ARÎSH		HELWÂN		MINYA		ASYUT MANQABAD		LUXOR		ASWÂN		HURGHADA		Farouk A.P.	
TIME	5						4				7		3		9		6		5		11		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	4					150	9			40	16	360	24	300	10	330	4	10	5	340	16	40	17
600	70	5					120	19			50	15	40	13	310	10	20	3	20	16	320	10	60	20
1000	60	9					170	8			60	41	30	12	310	8	330	4	40	15	270	8	50	19
1500											40	30	10	14	270	10	10	8	300	6	270	12	40	10
2000											50	26			250	10	340	9	20	9			350	3
3000											60	10			260	17	310	26					290	12
4000											280	15			280	17								
5000															270									
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI ḤALFA		ABÛ ḤAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	5		5		5		6		5		4	15	5	15					4	30	4	45	4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	100	12	40	16	330	3	10	10	10	5														
600	100	7	20	16	30	5	10	25	50	13	30	26	30	22									20	19
1000	360	7	10	18	340	8	20	22	50	19	80	14	70	11					20	23	20	14	30	28
1500	10	8	360	7	360	7			30	13	360	5	330	6					50	21	40	9	50	22
2000	320	8	360	3	330						340	14							30	5			100	15
3000	310	19	260	9																			170	13
4000	280	15	290	21																				
5000	280	29	290	16																				
6000																								
7000																								
8000																								

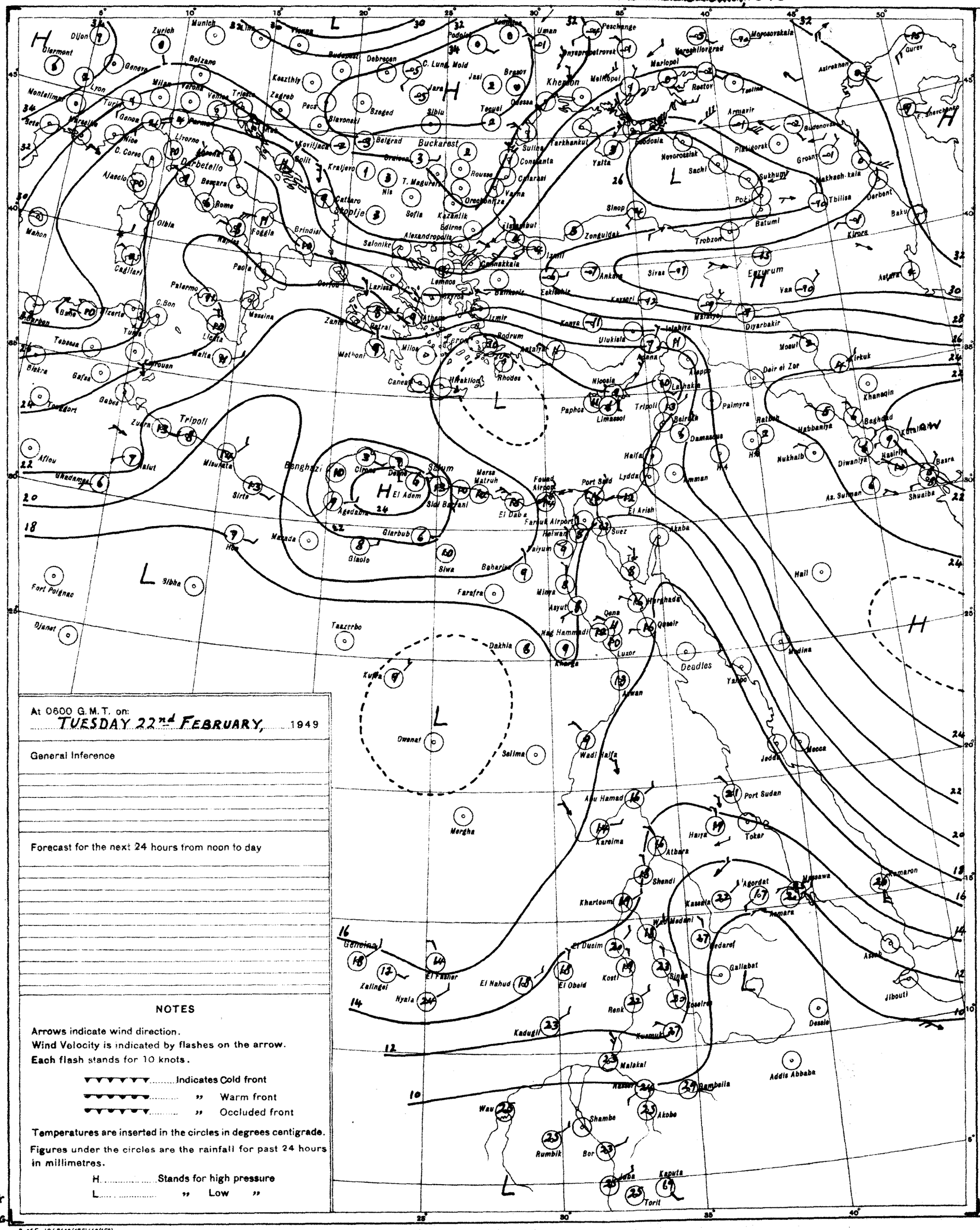
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 22nd FEBRUARY, 1949


Dijon
Zurich
Munich
Vienna
Budapest
Debrecen
C. Lung
Mold
Jasi
Brasov
Odessa
Tecuci
Sibiu
Belgrad
Buckarest
Constanta
Varna
Sofia
Kazanlik
Edirne
Istanbul
Salonike
Alexandropolis
Lemnos
Izmir
Ankara
Sinop
Zonguldak
Trobzon
Sivas
Erzurum
Van
Diyarbakir
Mosul
Kirkuk
Khanaqin
Baghdad
Basra
Shuaiba
As. Suhman
Kuwait
Hail
Medina
Mecca
Jedda
Port Sudan
Tokar
Massawa
Asmara
Kassala
Gedaref
Gallabat
Jibouti
Dessie
Addis Abbaba
Gambella
Akobe
Malakal
Wau
Shambe
Rumbik
Bor
Torit
Kaputa
Juba
Khartoum
Shendi
Atbara
Kareima
Abu Hamad
Wadi Halfa
Aswan
Luxor
Qena
Hurghada
Qeneir
Deadles
Yambo
Asyut
Minya
Farafra
Dakhla
Kufra
Owenat
Selima
Mergha
Taazerbo
Djanet
Fort Polignac
Sibha
Tripoli
Benghazi
Sirte
Misurata
Zuara
Nalut
Ghadames
Aflou
Tougourt
Biskra
Gafsa
Gabes
Tebessa
Bone
Tunis
Sousse
Kairouan
Malta
Palermo
Messina
Naples
Brindisi
Foggia
Olbia
Cagliari
Mahon
Marseille
Nice
Genoa
Milan
Turin
Lyon
Montelimar
Sete
Clermont
Geneva
Zurich
Bolzano
Verona
Venice
Trieste
Zagreb
Pecs
Szeged
Slavonski
Kosztiny
Sofit
Kraljevo
Cattaro
Skoplje
Nis
T. Magurele
Orsova
Rousse
Giurgiu
Galati
Braila
Constanta
Sulina
Tarkhankut
Yalta
Sevastopol
Feodosia
Novorossisk
Sochi
Sukhumi
Poti
Batumi
Tbilisa
Makhach-kala
Derbent
Baku
Kirova
Astrakhan
Armavir
Platidorsk
Budenovsk
Groozny
Rostov
Taganrog
Mariopol
Voroshilovgrad
Dnyepropetrovsk
Melitopol
Peschange
Uman
Kherson
Gurev
Morosovskaia
Aleppo
Latakia
Tripoli
Beirut
Damascus
Palmyra
Deir el Zor
Rutbah
Habbaniya
Nukhaib
Diwaniya
Hasirin
Nicosia
Paphos
Limassol
Rhodes
Iraklion
Canea
Mathoni
Milos
Athens
Patrai
Zante
Corfou
Larissa
Salonika
Bodrum
Antalya
Adana
Ulukisla
Konya
Eskisehir
Kayseri
Malatya
Isfahiya
Port Said
Lydda
Haifa
Amman
Akaba
Suez
El Arish
Farouk Airport
Helwan
Faiyum
Tor
Port Sudan
Fouad Airport
Mersa Matruh
El Daba
Sidi Barrani
El Adem
Sollum
Cirene
Derna
Agedabia
Glarbub
Glaolo
Siwa
Baharia
Mersada
Ho
Sirte
Misurata
Zuara
Nalut
Ghadames
Aflou
Tougourt
Biskra
Gafsa
Gabes
Tebessa
Bone
Tunis
Sousse
Kairouan
Malta
Palermo
Messina
Naples
Brindisi
Foggia
Olbia
Cagliari
Mahon
Marseille
Nice
Genoa
Milan
Turin
Lyon
Montelimar
Sete
Clermont
Geneva
Zurich
Bolzano
Verona
Venice
Trieste
Zagreb
Pecs
Szeged
Slavonski
Kosztiny
Sofit
Kraljevo
Cattaro
Skoplje
Nis
T. Magurele
Orsova
Rousse
Giurgiu
Galati
Braila
Constanta
Sulina
Tarkhankut
Yalta
Sevastopol
Feodosia
Novorossisk
Sochi
Sukhumi
Poti
Batumi
Tbilisa
Makhach-kala
Derbent
Baku
Kirova
Astrakhan
Armavir
Platidorsk
Budenovsk
Groozny
Rostov
Taganrog
Mariopol
Voroshilovgrad
Dnyepropetrovsk
Melitopol
Peschange
Uman
Kherson
Gurev
Morosovskaia
Aleppo
Latakia
Tripoli
Beirut
Damascus
Palmyra
Deir el Zor
Rutbah
Habbaniya
Nukhaib
Diwaniya
Hasirin
Nicosia
Paphos
Limassol
Rhodes
Iraklion
Canea
Mathoni
Milos
Athens
Patrai
Zante
Corfou
Larissa
Salonike

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 No 7 F.

DAILY WEATHER REPORT

Date: WEDNESDAY 23rd FEBRUARY, 1949

At 1200 on TUESDAY 22nd

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
MEDITERRANEAN	62300	SALÛM	140	5	7	01	0	3	Ac	19.6	16	49	5
	62303	SÎDI BARÂNI	290	5	50	02	1	6	Sc.Cu	19.6	15	68	9
	62306	MATRÛḤ											
	62309	EL DAB'A	320	14		01	1	5	Sc		16	64	9
		ALEXANDRIA	20	6	50	01	2	3	Sc.Cu	18.2	16	59	8
	62318	FOUAD (Airport)	10	10	18	02	2	6	Sc	17.6	16	52	6
	62330	DAMIETTA	360	9	15	03	1	7	Fs.Sc	17.4	16	59	8
	62333	PORT SA'ÎD	360	11	30	03	1	7	Sc.Ci	17.6	16	68	10
	62336	EL 'ARISH	320	8	35	02	0	0		16.8	17	68	11
LOWER EGYPT	62339	DAMANHUR	140	9	15	01	1	3	Cu	18.2	18	57	8
	62342	MANŞURA	320	5	35	01	1	4	Ci.Cs	17.6	19	52	9
	62348	TANTA	360	2	35	03	1	6	Cu	17.3	19	52	9
	62354	ZAGAZIG	340	2	7	03	1	8	Ac	17.1	19	52	9
	62441	ISMA'ÎLÎA	20	5	3	03	2	8	As	17.0	19	46	7
CAIRO AREA	62366	FAROUK (Airport)	20	7	30	03	1	6	Ci	17.3	18	46	6
	62372	ALMÂZA											
		EZBEKÎYA	360	7	35	03	4	6	Ci	17.0	20	46	8
		GÎZA	360	7	35	03	4	6	Ci	16.8	18	46	6
	62378	HELWÂN	360	11	7	03	1	7	Ci	16.4	19	30	1
UPPER EGYPT	62381	FAIYÛM	20	5	35	03	2	8	St	16.0	19	30	1
	62387	MINYA	10	1	12	03	0	4	Ci	16.1	20	46	8
	62393	ASYÛT MANQABÂD	280	2	30	00	0	1	Ci	15.0	20	30	2
	62399	NAG' HAMMÂDI	320	3	35	00	0	0	—	14.6	23	24	1
	62402	QENA	270	5	50	00	0	0	—	13.9	24	32	6
	62405	LUXOR	240	5	30	00	0	0	—	13.6	25		
	62414	ASWÂN	320	3	50	00	0	0	—	13.1	25	19	0
OASES	62417	SÎWA	00	0	15	00	0	0	—	20.7	19	52	9
	62420	BAHARÎYA	200	2	35	02	1	3	Ac	17.4	20	24	-1
	62423	FARAFRA											
	62432	DAKHLA	320	11	50	00	0	0	—	16.0	21	26	1
	62435	KHARGA	20	2	35	00	0	0	—	15.5	23	19	-2
RED SEA	62450	SUEZ	360	6	50	03	0	2	Cu	15.6	20	33	3
	62459	ṬÛR	310	9	35	00	0	0	—	14.6	19	52	9
	62462	HURGHÂDA	340	9		02	0	1	Ci	14.4	20	60	12
	62465	QUSEIR	60	13	15	02	1	0	—	14.8	21	26	1
	62641	PORT SÛDÂN	50	16	30	02	0	3	Cu.Ci	11.3	25	61	17
NORTH SÛDÂN	62600	WÂDI HALFA	350	8	30	03	0	3	Ci	12.9	25	11	-8
	62640	ABU ḤAMAD	50	2	30	01	4	4	Ci	9.2	29	20	4
	62660	KAREIMA	50	5	30	01	1	4	Ci	10.1	29	12	-3
	62680	'AṬBARA	340	5	30	01	1	2	Ci	7.6	31	17	3
	62721	KHARTÛM	360	9	30	03	2	7	Cs	8.3	30	9	-7
	62730	KASSALA	360	5	10	02	0	1	Ci	5.1	34	20	8
CENTRAL SÛDÂN	62751	WÂD MEDANI	360	9	35	01	0	2		5.9	35	7	-7
	62801	RENK											
	62802	ROSEIRES	310	5	35	00	0	0	—		36	19	9
	62771	EL OBEID	50	5	30	00	0	0	—	7.5	30	8	-8
	62760	EL FÂSHER	50	9	30	02	1	7	Ci		29	17	1
	62770	GENEINA	340	9	50	00	0	0	Ci		34	12	1
S. SÛDÂN	62840	MALAKÂL											
	62880	WÂU											
	62941	JUBA											

At 1800 on 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	360	8	7	01	0	0		19.4	15	59	7	0
SÎDI BARÂNI	20	4	35	01	1	2	Sc,Cu	19.9	13	77	9	0
MATRÛḤ	30	1	12	00	0	0	—	19.6	13	63	6	0
EL DAB'A	320	16		01	0	0			12	72	7	0
ALEXANDRIA	140	4	3	02	2	3	Cu.Sc	18.8	14	55	-5	0
FOUAD (Airport)	360	7	12	01	1	2	Sc	18.5	12			0
DAMIETTA	360	5		01	0	1	Cu	16.3	14	67	8	0
PORT SA'ÎD	360	11	30	02	0	1	Sc	17.5	15	68	9	0
EL 'ARISH		7	02	0	0	—		16.7	14	77	10	0
DAMANHUR	140	5	7	01	0	0	—	18.4	12	77	8	0
MANŞURA	340	5	3	00	1	0	—	18.4	12	77	8	0
TANTA	00	0	35	01	1	3	Cu	18.7	11	88	9	0
ZAGAZIG	140	2	3	00	1	0	—	17.8	13	77	9	0
ISMA'ÎLÎA	20	2	3	02	0	0	—	18.7	13	67	7	0
FAROUK (Airport)	60	9	12	00	0	0	—	17.1	15	48	4	0
ALMÂZA												
EZBEKÎYA	360	6	15	00	0	0	—	17.4	13	77	9	0
GÎZA	360	6	15	00	0	0	—	17.4	15	63	8	0
HELWÂN	360	12	15	02	0	0	—	16.8	15	59	7	0
FAIYÛM	360	2	35	01	0	0	—	16.6	14	55	5	0
MINYA	360	6	12	00	1	0	—	16.2	13	55	4	0
ASYÛT MANQABÂD												
NAG' HAMMÂDI	00	0	7	00	0	0	—	15.2	14	67	8	0
QENA	290	9	7	00	0	0	—	14.4	18	32	1	0
LUXOR	210	3	12	00	0	0	—	14.3	16	26	-4	0
ASWÂN				00	0	0	—	13.5	20	24	-1	0
SÎWA	00	0			0	0	—	20.7	13	67	7	0
BAHARÎYA	360	2	35	02	1	0	—	18.2	13	55	4	0
FARAFRA												
DAKHLA	320	3	35	00	0	0	—	15.8	16	42	3	0
KHARGA	360	1	15	00	0	0	—	15.9	17	34	1	0
SUEZ	360	4	7	01	0	0	—	17.1	15	59	7	0
ṬÛR	20	2	15	00	0	0	—	14.6	16	49	5	0
HURGHÂDA	300	11		00	1	0	—	14.4	19	49	8	0
QUSEIR	330	9	15	02	0	0	—	14.7	18	56	9	0
PORT SÛDÂN												
WÂDI HALFA												
ABU ḤAMAD												
KAREIMA												
'AṬBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on WEDNESDAY 23rd

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	320	8	7	03	2	7	St,Ac	19.1		14	18		9		77	10	0		
SÎDI BARÂNI	200	4	50	03	1	8	Sc,Cu,Ac	19.1		14	18		7		95	14	0	23.5	
MATRÛḤ	240	2	12	02	1	4	Sc	19.0		10	17		7		76	6	0		
EL DAB'A	270	9		01	1	4	Sc,Cu	18.2		14	16		7		67	8	0	142	
ALEXANDRIA	310	5	50	03	2	4	Sc,Cu,Ac	18.4	+1.4	15	18	-2	8	-3	68	9	0	244	166
FOUAD (Airport)			12	03	1		Sc,Ac	17.7		14	18		7		77	10	0	239	129
DAMIETTA	220	5		01	1	1	Cu	17.8	+1.4	13	18		6		72	8	0	236	87
PORT SA'ÎD	280	4	18	03	1	4	Sc	17.3		14	19		12		77	10	0	47	
EL 'ARISH	00	0	35	03	2	6	Cu	17.6	+0.4	14	20	0	7	-2	77	10	0		67
DAMANHUR	310	5	3	03	1	4	Ac	18.3	+1.8	10	19	-2	7	-1	88	8	0	88	79
MANŞURA	360	2	35	00	0	0	—	17.9	+1.4	11	21	0	8	0	77	7	0	37	38
TANTA	00	0	35	02	0	0	—			7	20	-2	3	-4	95	7	0	24	31
ZAGAZIG	220	2	7	00	0	0	—	18.6	+1.6	10	21	0	6	-1	88	8	0	14	20
ISMA'ÎLÎA	180	2	3	02	0	0	—	18.3		12	20		7		77	8	0	11	
FAROUK (Airport)	00	0	8	05	0	0	—	18.9		8	20		8		88	6	0		
ALMÂZA																		4	
EZBEKÎYA	00	0	15	00	0	0	—	18.6	+1.4	9	20	-2	7	-2	88	7	0	8	18
GÎZA	00	0	15	00	0	0	—	18.7	+1.5	10	20	-1	4	-2	76	6	0	14	18
HELWÂN	40	4	3	02	0	0	—	18.4	+1.0	10	20	-1	9	0	76	6	0	15	19
FAIYÛM	360	4	35	02	0	0	—	18.6	+1.6	10	20	-3	7	-1	88	8	0	4	6
MINYA	360	2	8	10	0	0	—	18.1		8	22		4		58	0	0	4	
ASYÛT MANQABÂD	270	4	18	00	0	0	—	17.7		10	22		6		76	6	0	0	
NAG' HAMMÂDI	00	0	7	00	0	0	—	17.0		12	25		4		63	5	0	0	
QENA	240	5	15	00	0	0	—	17.0	+0.7	11	26	0	8	-1	63	4	0	dr	
LUXOR	00	0	30	00	0	0	—	16.2		11	27		4		41	-2	0	dr	
ASWÂN	00	0	50	00	0	0	—	16.3	-0.9	14	27	0	10	-2	42	1	0	dr	
SÎWA	00	0	15	00	0	0	—	19.6	+0.9	11	20	-2	4	-2	58	3	0	0	6
BAHARÎYA											21	-2						dr	6
FARAFRA																		dr	
DAKHLA	00	0	35	00	0	0	—	16.0	-2.1	10	23	-2	5	-2	62	3	0	dr	
KHARGA	00	0	35	00	0	0	—	16.8	-0.6	12	23	-2	6	-2	51	2	0	0	
SUEZ	00	0	15	00	0	0	—	18.3	+1.8	10	21	-1	6	-4	88	8	0	12	12
ṬÛR	20	7	35	00	0	0	—			10			7	-3	50	0	0		11
HURGHADA	280	6		00	0	0	—	15.9		14	20		8		55	5	0	dr	
QUSEIR	10	5	15	02	0	0	—	15.4	-0.1	16	22	-2	13	-2	49	5	0	0	4
PORT SÛDÂN	350	4	30	03	1	7	Sc,Ci	14.3		21	26		15		69	15	0	34	93
WÂDI HALFA	360	3	30	03	0	4	Ci.Cs	15.9		11	27		9		38	-3	0	2	
ABU ḤAMAD	50	5	30	02	1	6	Cs	13.4		17	31		15		28	-2	0		
KAREIMA	30	3	30	01	1	4	Ci	13.8		17	31		13		22	-5	0	3	1
'AṬBARA	360	5	10	02	1	6	Ci	12.4		19	32		15		32	2	0	7	2
KHARTÛM	20	10	30	01	1	6	Ci	11.9		21	32		16		20	-3	0	10	4
KASSALA	360	2	30	00	0	0	—	10.2		22	35		13		61	14	0	2	8
WÂD MEDANI	360	9	50	01	1	4	Cc	11.6		21	35		12		23	-1	0	11	12
RENK	50	9	50	00	0	0	—	12.3		22	35		15		38	7	0	0	49
ROSEIRES	310	5	15	02	1	8	As			21	38		20		44	8	0	2	36
EL OBEID	20	7	30	01	0	3	Ci	11.3		19	31		14		17	-7	0	0	16
EL FÂSHER	10	2	30	00	0	2	Ci	—		15	32		11		25	-5	0	0	6
GENEINA	70	7	30	00	0	1	Ci	—		14	35		11		18	-10	0		4
MALAKÂL	50	8	30	03	1	4	Ac	10.4		23	36		21		61	15	0	69	88
WÂU	00	0	30	00	0	2	Ac	9.0		22	35		19		53	12	dr	261	148
JUBA	360	5	7	60	8	7	Cu,Sc,Ac	11.3		24	36		21		69	18	dr	129	156

HUMIDITY

Mean % of day

STATION	on 22nd	Diff. from normal
Alexandria	55	-10
Ezbeklya	80	+19
Giza	76	+10
Helwân	73	+23

GÎZA

GRASS MINIMUM TEMP.

ON 23rd -1.6 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

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

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

UPPER WIND OBSERVATIONS on 22nd

Height m.	MINYA Dir.	MINYA Vel.
Time	15	
300	350	9
600	10	9
1000	30	10
1500	310	8
2000	290	7
3000	300	14
4000	280	25
5000		
6000		
7000		
8000		

UPPER WIND OBSERVATIONS on 23rd

Station	SÎDI BARÂNI Dir.	Vel.	MATRÛḤ Dir.	Vel.	FOUAD AIRPORT Dir.	Vel.	PORT SA'ÎD Dir.	Vel.	EL 'ARÎSH Dir.	Vel.	HELWÂN Dir.	Vel.	MINYA Dir.	Vel.	ASYÛT MANQABÂD Dir.	Vel.	LUXOR Dir.	Vel.	ASWÂN Dir.	Vel.	HURGHADA Dir.	Vel.	Far Dir.	Vel.
Time	5				3		4				7		4		9						8		3	
300	290	4			340	10	280	3			360	8	10	23	350	6					300	16	60	12
600	330	5			340	10	300	3			30	14	360	27	340	10					310	8	50	12
1000	340	8			330	11	320	3			340	8	20	33	340	10					280	10	10	9
1500					330	15					280	8	10	23	320	8					270	22	300	12
2000					340	16									300	10					280	16	290	18
3000																							300	32
4000																								
5000																								
6000																							270	61
7000																								
8000																								

Station	SÎWA Dir.	Vel.	BAHARÎYA Dir.	Vel.	DAKHLA Dir.	Vel.	KHARGA Dir.	Vel.	WÂDI HALFA Dir.	Vel.	ABÛ ḤAMAD Dir.	Vel.	KAREIMA Dir.	Vel.	KHARTÛM Dir.	Vel.	KASSALA Dir.	Vel.	EL OBEID Dir.	Vel.	EL FÂSHER Dir.	Vel.	MALAKÂL Dir.	Vel.
Time	5				5				5				5						4	15	4	30	4	
300	90	21			80	7			30	13														
600	90	19			70	11			360	17			50	11									20	16
1000	80	3			30	6			30	8			50	22					30	25	360	10	30	21
1500	40	7			270	7			350	8			10	11							70	19	50	8
2000	300	6			220	7							10	9										
3000									310	24			10	8					310	11	150	2	50	15
4000																								
5000																								
6000																								
7000																								
8000																								

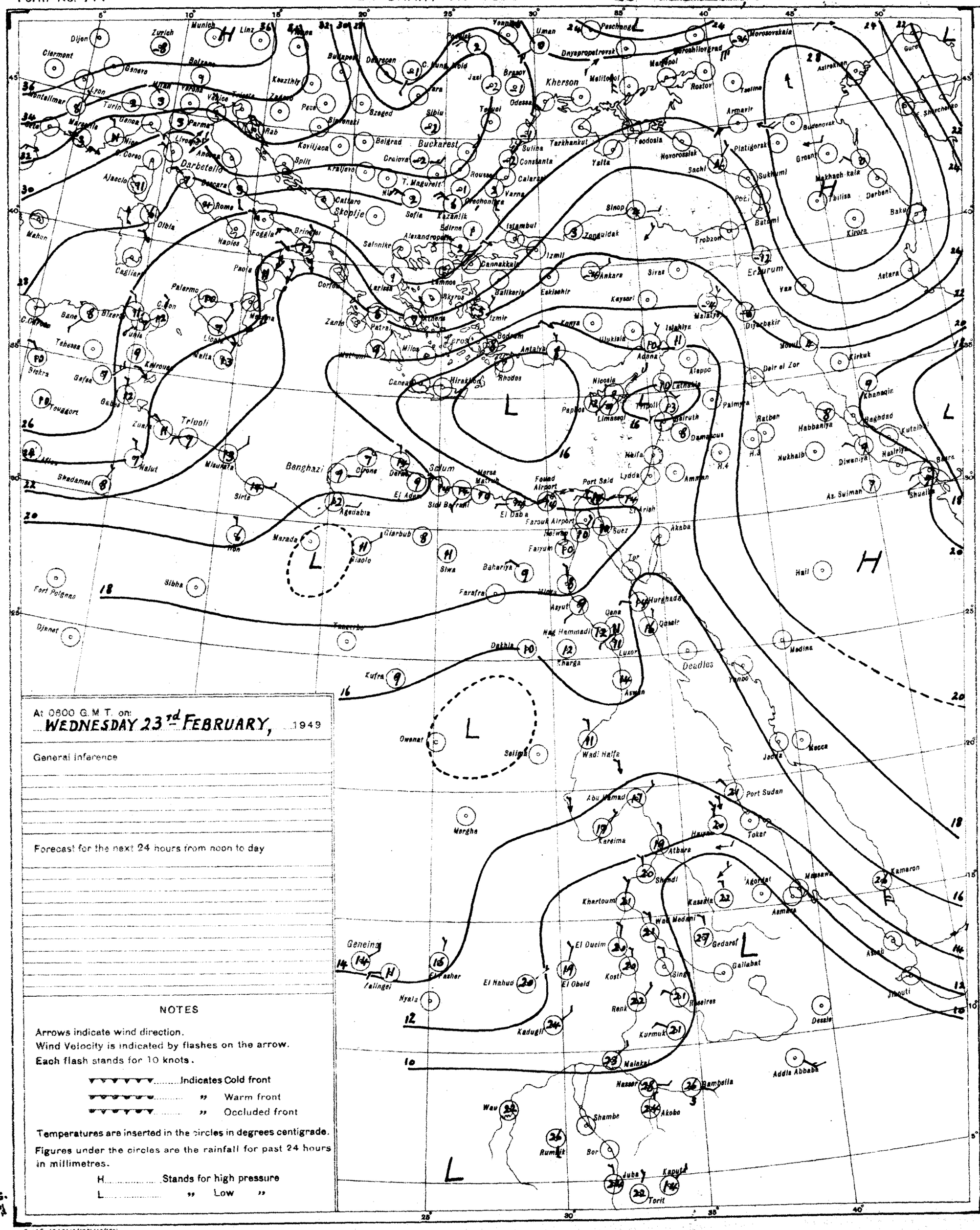
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 23rd FEBRUARY 1949


Munich
Zurich
Dijon
Clermont
Geneva
Lyon
Montelimar
Marseille
Nice
Genoa
Turin
Milan
Verona
Venice
Trieste
Bolzano
Linz
Kouzthly
Pecs
Budapest
Debrecen
Szeged
Sibiu
Brasov
Jasi
Odessa
Kherson
Dnyepropetrovsk
Melitopol
Mariupol
Voroshilovgrad
Rostov
Taganrog
Tsalma
Armavir
Astrakhan
Morosovskaia
Gurev
Shevchenko
Budenovsk
Grozny
Makhach-kala
Tbilisa
Derbent
Baku
Kirova
Platigorsk
Sukhumi
Poti
Batumi
Trebzon
Erzurum
Van
Astara
Novorossisk
Sachi
Yalta
Feodosia
Tarkhankut
Sulina
Constanta
Calarasi
Varna
Rousse
Buckarest
Craiova
Belgrad
Kovilljaca
Split
Kraljevo
T. Magurele
Orechovitza
Sofia
Kazanlik
Edirne
Istambul
Zonguldak
Sinop
Samsun
Ankara
Sivas
Eskisehir
Balikesir
Izmit
Cannakkale
Salonike
Alexandropolis
Skoplje
Cattaro
Rab
Andria
Darbetella
Bascara
Rome
Foggia
Brindisi
Naples
Paola
Palermo
Corfou
Larissa
Lemnos
Skyros
Athens
Patras
Zante
Milos
Cerigotto
Bodrum
Antalya
Rhodes
Candia
Hirakion
Izmir
Konya
Ilbukisia
Isphiya
Malatya
Diyarbakir
Mosul
Kirkuk
Adana
Aleppo
Deir el Zor
Palmyra
Ratban
Habbaniya
Baghdad
Kutaiba
Khanaqin
Basra
Shuaiba
As Sulman
Diwaniya
Nasiriyh
Nukhaib
H.3
H.4
Amman
Damascus
Beirut
Tripoli
Latakia
Nicosia
Limassol
Paphos
Haifa
Lydda
Port Said
El Arish
Suez
Akaba
Tor
Farouk Airport
Fouad Airport
Marsa Matruh
Sidi Barrani
El Daba
El Adam
Darna
Cirene
Agedabia
Benghazi
Sirte
Misurata
Tripoli
Zuara
Najut
Gabes
Gafsa
Sfax
Sousse
Tunis
Bizerta
Bone
Tebessa
Kairouan
Biskra
Tougourt
Algiers
Cagliari
Mahon
Olbia
Ajaccio
C. Corso
Nice
Marseille
Gap
Lyon
Montelimar
Valence
Grenoble
Annecy
Zurich
Munich
Linz
Vienna
Budapest
Debrecen
Cluj
Iasi
Brasov
Sibiu
Odessa
Kherson
Dnyepropetrovsk
Melitopol
Mariupol

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 No 7 F.

DAILY WEATHER REPORT

Date : THURSDAY 24TH FEBRUARY, 1949

At 1200 on WEDNESDAY 23rd

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	40	7	7	01	2	5	Ac	18.6	16	59	8
	62303	SIDI BARANI	360	8	50	02	2	8	cb,Cu	19.0	16	59	8
	62306	MATRUH	30	4	14	01	2	6	Fc,Fc	17.9	13		10
	62309	EL DABA	320	14		01	1	6	Cu		16		
		ALEXANDRIA											
	62318	FOUAD (Airport)	330	14	12	02	1	7	Sc	17.0	14	77	10
	62330	DAMIETTA	40	5	15	02	1	3	Ac	15.9	17	60	9
	62333	PORT SA'ID											
	62336	EL 'ARISH	320	9	35	01	0	2	Cu	16.4	13	82	10
Lower Egypt	62339	DAMANHUR	360	9	15	03	2	8	As	17.8	16	68	10
	62342	MANSURA	40	5	35	03	2	6	Sc,Cu	16.4	19	52	9
	62348	TANTA	00	0	35	03	1	6	Cu	16.6	19	52	9
	62354	ZAGAZIG	340	2	15	03	1	4	Ac	16.4	19	52	9
	62441	ISMAILIA	20	2	3	02	1	4	As	16.2	19	37	4
Cairo Area	62366	FAROUK (Airport)	40	8	15	00	0	0	–	16.1	18	52	8
	62372	ALMAZA											
		EZBEKIYA	360	9	35	03	0	3	Sc	16.2	20	46	8
		GIZA	360	9	35	03	0	3	Sc	16.2	19	43	6
	62378	HELWAN	340	5	15	03	1	3	Cu	15.8	18	37	3
Upper Egypt	62381	FAIYUM	360	2	35	02	0	0	–	15.9	20	33	3
	62387	MINYA	20	12	15	00	0	0	–	15.6	20	41	6
	62393	ASYUT MANQABAD	360	4	30	02	0	0	–	13.9	22	20	-2
	62399	NAG' HAMMADI	70	3	7	10	0	0	–	13.6	23	38	8
	62402	QENA	270	5	50	00	0	0	–	13.1	25	28	5
	62405	LUXOR	320	2	30	00	0	0	–	12.9	24	16	-4
	62414	ASWAN	290	1	50	00	0	0	–	12.4	26	17	-1
Oases	62417	SIWA	40	5	15	00	0	0	–	19.1	20	56	11
	62420	BAHARIYA	360	3	35	02	1	4	Ac	16.7	20	33	3
	62423	FARAFRA											
	62432	DAKHLA	00	0	50	00	0	0	–	14.7	25	28	5
	62435	KHARGA	20	1	35	00	0	0	–	14.4	24	15	-5
Red Sea	62450	SUEZ	360	4	35	02	0	0	–	16.0	18	46	6
	62459	TOR	310	12	35	00	0	0	–		19	52	9
	62462	HURGHADA	340	10		00	0	0	–	13.8	19	64	12
	62465	QUSEIR	20	9	15	02	0	0	–	14.7	19	73	14
	62641	PORT SUDAN	140	14	30	03	2	7	Ac,Ci	11.5	25	61	17
North Sudan	62600	WADI HALFA	10	10	30	02	2	8	Cs	11.8	27	8	-10
	62640	ABU HAMAD	90	1	30	01	1	4	Ci	8.6	31	19	5
	62660	KAREIMA	40	6	30	03	1	8	Cs	8.9	31	9	-6
	62680	'ATBARA	340	5	10	03	1	6	Cs	6.6	33	12	0
	62721	KHARTUM	30	7	30	02	1	2	Ci	6.8	34	9	-4
	62730	KASSALA	360	9	30	00	0	0	–	4.0	35	22	10
Central Sudan	62751	WAD MEDANI	360	9	35	00	0	0	–	5.0	36	6	-8
	62801	RENK	50	5	50	00	0	0	–	7.6	34	16	5
	62802	ROSEIRES	340	5	35	00	0	0	–	5.9	31		
	62771	EL OBEID	360	9	35	00	0	0	–	5.0	31		
	62760	EL FASHER	70	9	30	01	1	2	Ci		32	17	4
	62770	GENEINA	180	4	30	00	0	1	Ci		34	9	-3
S. Sudan	62840	MALAKAL	20	3	30	01	1	1	Ac	4.4	37	10	0
	62880	WAU	00	0	30	00	1	1	Ac	4.2	37	13	5
	62941	JUBA	20	5	30	02	2	7	Ac	5.1	33	32	14

At 1800 on 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
Alexandria	320	4	7	01	0	0	–	19.1	14	67	8	0
Fouad (Airport)	20	4	35	01	2	2	Sc,Cu	19.4	13	77	9	0
Matruh	10	8	12	01	2	2	Sc	18.7	13	82	10	0
El Daba	270	7		01	1	3	Cu		15	77	11	0
Alexandria	310	8	3	01	2	3	Sc,Ac	18.6	14	67	8	0
Fouad (Airport)	310	4	12	03	2	6	Cu,Sc	17.9	13	72	8	0
Damietta	40	5		00	0	0	–	17.4	14	77	10	0
Port Sa'id	350	11	15	01	2	4	Ac	17.1	15	72	10	0
El 'Arish	320	13	7	03	1	4	Cu	17.0	14	88	12	0
Damanhur	40	5	7	01	1	4	As	18.2	13	77	9	0
Mansura	20	5	3	03	2	6	Sc,Cu	17.9	14	77	10	0
Tanta	00	0	35	01	1	3	Cu	18.2	15	77	11	0
Zagazig	320	2	3	00	1	0	–	18.2	14	67	8	0
Ismailia	40	2	3	03	1	4	Sc	17.1	15	59	7	0
Farouk (Airport)	360	10	12	03	2	7	Ac	17.8	15	72	10	0
Ezbekiya	320	2	15	01	0	1	Sc	17.6	14	77	10	0
Giza	320	2	15	01	0	1	Sc	17.9	15	65	8	0
Helwan	340	5	15	02	0	0	–	17.2	15	68	9	0
Faiyum	00	0	35	02	0	0	–	17.1	14	67	8	0
Minya	00	0	8	00	0	0	–	16.7	13	55	4	0
Asyut Manqabad												
Nag' Hammadi	00	0	7	00	0	0	–	15.1	15	68	9	0
Qena	270	5	7	00	0	0	–	14.3	17	52	7	0
Luxor	00	0	12	00	0	0	–	14.4	18	32	1	0
Aswan	00	0	50	00	0	0	–	13.8	22	19	-3	0
Siwa	00	0	7	00	0	0	–	18.8	15	48	4	0
Bahariya	360	2	35	02	1	0	–	17.8	16	45	4	0
Farafra												
Dakhla	00	0	35	00	0	0	–	13.4	20	33	3	0
Kharga	00	0	15	00	0	0	–	15.6	18	28	-1	0
Suez	00	0	7	02	0	0	–	16.8	17	52	7	0
Tor	10	5	15	00	0	0	–	14.3	18	73	13	0
Hurghada	290	11		00	0	0	–	15.0	18	60	10	0
Quseir	330	09	15	02	0	0	–	15.1	19	56	10	0
Port Sudan												
Wadi Halfa												
Abu Hamad												
Kareima												
'Atbara												
Khartum												
Kassala												
Wad Medani												
Renk												
Roseires												
El Obeid												
El Fasher												
Geneina												
Malakal												
Wau												
Juba												

At 0600 on THURSDAY 24th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Bar. Pressure Diff. from normal mbs	Temp. Dry Bulb	Temp. Maximum Yesterday	Temp. Maximum Diff. from normal	Temp. Minimum Today	Temp. Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
Alexandria	320	9	14	03	1	3	Ac	19.2		11	17		7		63	4	0		
Fouad (Airport)	360	8	50	03	1	5	Sc,Cu	19.4		13	16		8		67	7	0	235	
Matruh	360	11	14	01	2	6	Sc	18.5		12	16		9		59	4	0		
El Daba	360	11		01	1	6	Cu	18.3		14	16				55	5	0	142	
Alexandria	20	8	50	02	2	4	St,Ac	17.6	+0.7	14	17	-3	13	+2	55	5	0	244	167
Fouad (Airport)	310	8	12	02	2	7	Cu,Sc,Ac	18.0		14	17		13		67	8	0	239	130
Damietta	220	5		20	2	7	Cu,Sc	17.6	+1.2	12	18		8		88	10	dr	236	88
Port Sa'id	260	5	12	03	2	5	Sc,Ac,Cu	17.4		14	18		13		88	12	0	47	
El 'Arish	220	5	35	03	2	6	Cu	17.2	+0.1	14	18	-2	9	0	77	10	0		68
Damanhur	270	5	7	02	1	4	Ac	18.0	+1.5	12	18	-3	9	+1	88	10	0	88	80
Mansura	40	2	35	03	2	6	St	17.5	+1.0	12	20		10	+2	77	8	0	37	39
Tanta	00	0	35	03	2	6	Cu	18.7	+1.8	10	20	-2	6	-1	88	8	0	24	31
Zagazig	220	2	7	03	1	4	Ac	18.2	+1.2	11	21	0	9	+2	88	9	0	14	20
Ismailia	340	2	3	02	2	6	As	17.8		14	21		11		67	8	0	11	
Farouk (Airport)	110	2	12	03	0	1	Ac	18.2		11	19		9		82	8	0		
Almaza																			
Ezbekiya	360	2	15	01	0	1	Cu	18.0	+0.8	12	20	-2	8	-1	77	8	0	8	18
Giza	360	2	15	01	0	1	Cu	18.3	+1.1	10	20	-2	6	-1	76	6	0	14	18
Helwan	20	4	3	00	1	4	Ac,Cc	18.0	+0.6	11	19	-2	9	0	77	7	0	15	19
Faiyum	360	2	35	02	0	0	–	18.2	+1.3	11	20	-3	8	0	77	7	0	4	6
Minya	360	5	3	10	0	0	–	17.3		9	21		6		88	7	0	4	
Asyut Manqabad	00	0	18	00	0	0	–	16.4		11	23		7		82	8	0	0	
Nag' Hammadi	320	3	7	03	0	5	Ac	15.9	-1.1	12	25		8		63	5	0	0	
Qena	290	5	15	03	1	4	Cu	16.3	0.0	12	27	+1	9	0	63	8	0	dr	
Luxor	00	0	30	03	1	7	Ac	15.4		12	27		8		47	1	0	dr	
Aswan	00	0	50	01	1	3	Sc,Cu	13.1	-4.0	14	27	0	12	0	39	0	0	dr	
Siwa	00	0	15	00	0	0	–	20.2	+1.6	10	21	-1	7	+1	88	8	0	0	6
Bahariya	360	5	35	02	1	3	Ac	18.3	+0.6	10	21	-2	8	+1	88	8	0	dr	7
Farafra																		dr	
Dakhla	00	0	4	02	1	4	Cs,Cc			11	26	+1	9	+2	51	1	0	dr	
Kharga	20	2	15	00	0	7	Ac	15.6	-1.7	15	24	-2	11	+3	48	4	0	0	
Suez	00	0	15	00	1	7	Sc	18.3	+1.9	12	20	-2	8	-3	77	8	0	12	12
Tor	200	4	35	00	0	0	–	15.6	-0.5	12	20	-2	8	-2	55	3	0	0	11
Hurghada	50	6		03	0	3	Ac	15.8		13	20		10		67	7	0	dr	
Quseir	330	9	15	02	0	0	–	15.5	+0.1	17	22	-2	14	-1	52	7	0	0	4
Port Sudan	330	9	30	03	0	1	Cu,Ac,Cc	14.2		21	27		16		69	15	0	34	93
Wadi Halfa	360	33	30	03	0	8	Cs	13.6		13	28		9		21	-9	0	4	
Abu Hamad	50	1	30	03	1	4	Ci	12.4			31		14		69	-3	0		
Kareima	50	6	30	01	0	2	Ci	12.5		18	32		13		28	-1	0	3	1
'Atbara	360	2	10	00	0	0	–	12.2		18	33		14		34	2	0	7	2
Khartum	20	5	30	00	0	0	–	10.8		21	35		17		23	-1	0	10	4
Kassala	00	0	30	00	0	0	–	9.4		22	35		14		61	14	0	2	8
Wad Medani	50	5	50	00	0	0	–	9.9		21	36		17		28	2	0	11	12
Renk	50	9	50	00	0	0	–			22	35		17		53	12	0	0	49
Roseires	340	5	35	00	0	0	–	–		20	35		16		56	11		2	36
El Obeid	20	9	30	00	0	0	–	11.2		22	33		16		13	-8	0	0	16
El Fasher																		0	6
Geneina	70	2	30	00	0	0	–	–		16	36		13		16	-10	0	0	4
Malakal	60	5	30	00	0	1	Ac	8.8		28	37		20		25	6	0	69	88
Wau																		261	149
Juba	160	5	30	03	1	7	Sc,Cc	10.1		25	34		20		65	18	0	129	157

HUMIDITY % Mean of day

Station	on 23rd	Diff. from normal
Alexandria	64	-1
Ezbekiya	76	+15
Giza	67	+1
Helwan	67	+17

GIZA GRASS MINIMUM TEMP. ON 24th -1.0 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

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

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

UPPER WIND OBSERVATIONS on 23rd

Station	MINYA				FOUAD AP.																			
Time	15				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	360	13			350	10																		
600	360	16			350	10																		
1000	350	18			320	17																		
1500	330	17			290	16																		
2000	200	29			280	26																		
3000	260	19			260	31																		
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 24th

Station	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SA'ID		EL 'ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA		Farouk
Time	5						4				6 45		3		9		6		5		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	360	16					270	8			30	11	30	22	350	7	360	4	360	5	320	21	80	6
600	360	15					280	11			30	11	20	38	10	16	30	9	30	9	330	13	10	9
1000	350	15					280	7			350	18	20	29	360	22	10	10	60	13	330	7	340	14
1500	340	10									320	11	350	17	250	10	260	6	80	1	230	18	300	19
2000											290	19	260	15	200	23	240	11	320	6	240	22	260	25
3000													260	36	240	18			240	14	270	26	270	43
4000													220	38					250	32				
5000																								
6000																								
7000																								
8000																								

Station	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
Time	5		5		5		5		4		3		4 30				4		4 15		4 45			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	60	16	50	16	70	10	360	17	40	9														
600	30	23	50	25	70	13	350	22	60	17	60	23	50	24			20	5						
1000	20	15	10	21	120	9	340	21	70	12			60	17			50	11	30	28	10	7		
1500	350	17	360	11	100	10			60	6	90	11	130	11			100	5	50	14	90	16		
2000	330	17	300	14					180	3	90	17	90	17			330	4	110	7				
3000	250	22	260	30							320	9							310	3	340	7		
4000	250	44	260	61															60	4				
5000			260	64																				
6000																								
7000																								
8000																								

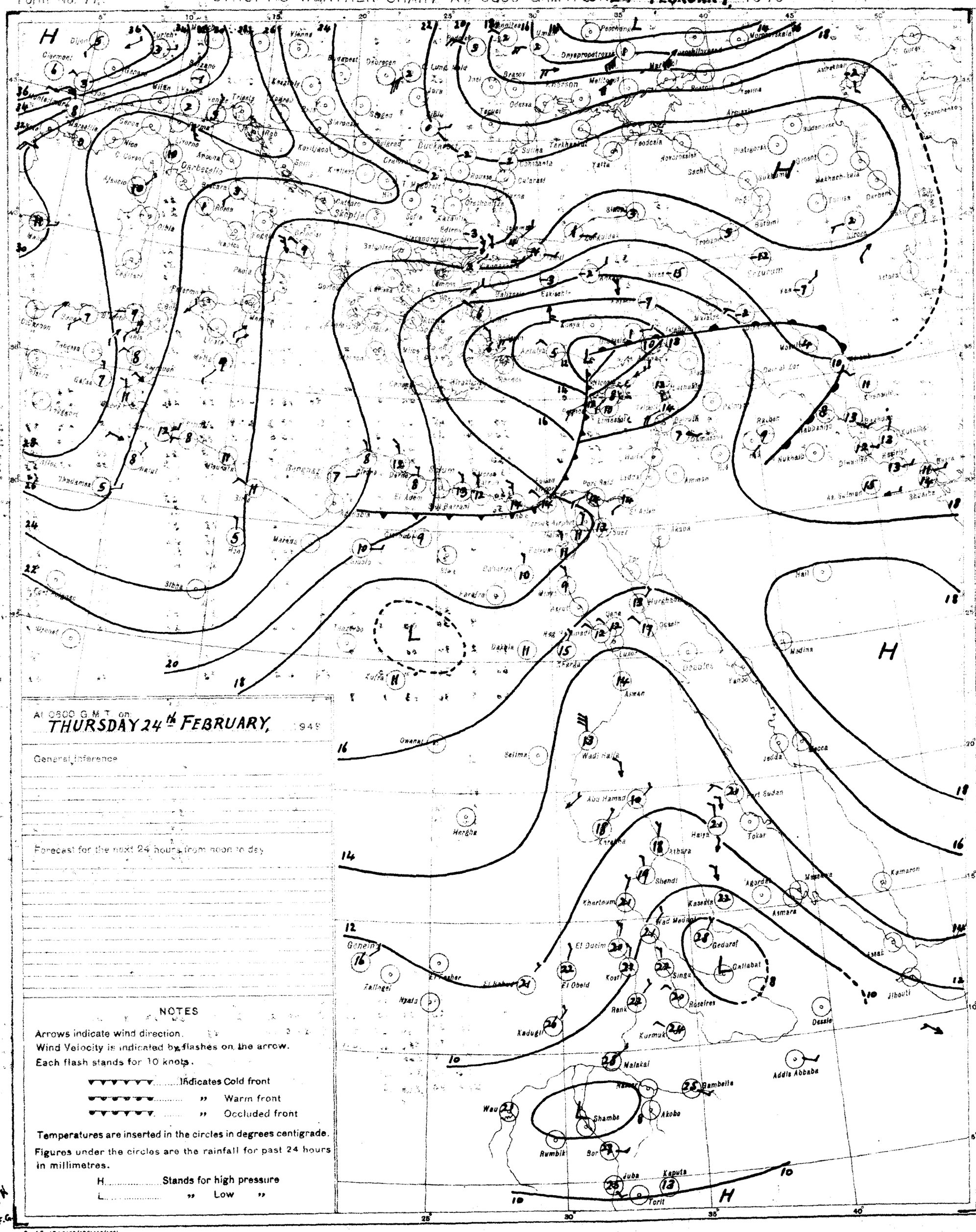
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 24th FEBRUARY, 1949



At 0600 G.M.T. on THURSDAY 24th FEBRUARY, 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

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

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

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

H Stands for high pressure
L " Low "

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	" or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight, not at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		18
Thunder in precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	22
	" " hail	23
	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 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	Ci	1
Cirrostratus	Cs	2
Cirrocumulus	Cc	3
Altocumulus	Ac	4
Altostratus	As	5
Stratocumulus	Sc	6
Nimbostratus	Ns	7
Cumulus or Fractocumulus	Cu or Fc	8
Cumulonimbus	Cb	9
Stratus or Fractostratus	St or Fs	0

AMOUNT OF CLOUD

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

AK
F.G.

S of E 1948(48/195)(48/450)

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 No 7 F.

DAILY WEATHER REPORT

Date: Friday 25th Friday, 1949

At 1200 on Thursday 24th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM	20	7	7	03	2	7	Fs,Fc,Ac	19.0	15	48	4
	62303	SIDI BARANI	290	12	50	01	1	7	Sc,Cu,Ac	19.1	15	48	4
	62306	MATRUH											
	62309	EL DABA	320	12		01	1	5	Cu	17.4	15	59	7
		ALEXANDRIA	330	6	50	03	2	6	Cu,Sc,Ac	17.1	16	49	5
	62318	FOUAD (Airport)	290	6	14	02	2	7	Cu,Cb	17.1	15	55	6
	62330	DAMIETTA	320	5	15	02	2	7	Sc	16.4	16	59	8
	62333	PORT SA'ID	360	9	30	01	1	5	Sc,Ac	17.1	16	59	8
	62336	EL 'ARISH	320	9	35	02	2	6	Cu	16.6	16	68	10
Lower Egypt	62339	DAMANHUR	360	9	15	03	1	7	Ac	17.2	16	59	8
	62342	MANSURA	20	5	15	03	2	8	Sc,Cu	16.4	17	60	9
	62348	TANTA	00	0	35	03	2	8	St	16.8	17	60	9
	62354	ZAGAZIG	220	2	7	03	2	8	Cu	16.6	18	60	10
	62441	ISMA'ILIA	290	5	3	03	2	8	As	16.0	18	46	6
Cairo Area	62366	FAROUK (Airport)	20	4	12	02	2	7	Cb,Ac	16.9	17	56	8
	62372	ALMAZA	340	7	30	02	2	6	Cu,Ac	15.9	18	60	10
		EZBEKIYA	320	6	35	03	0	6	Sc	16.2	17	60	9
		GIZA	320	6	35	03	0	6	Sc	16.0	18	50	8
	62378	HELWAN	320	6	15	03	2	7	Ac,Cu	15.8	18	46	6
Upper Egypt	62381	FAIYUM	330	2	35	03	1	4	St	15.6	18	52	8
	62387	MINYA	10	12	10	02	0	2	Ac	15.6	21	35	5
	62393	ASYUT MANQABAD	340	4	30	00	0	1	Ac	13.4	22	25	1
	62399	NAG' HAMMADI	270	4	7	02	0	2	Ac	12.7	21	38	6
	62402	QENA	290	5	35	03	1	6	Cu	12.6	25	28	5
	62405	LUXOR	320	3	30	01	1	2	Ac	12.2	24	26	3
	62414	ASWAN	270	2	50	01	1	3	Cu	11.0	29	20	4
Oases	62417	SIWA	00	0	15	00	0	0	-	19.8	20	46	8
	62420	BAHARIYA	40	1	35	02	1	3	Ac	17.0	19	37	4
	62423	FARAFRA											
	62432	DAKHLA	40	6	50	00	0	0	-	14.0	24	32	6
	62435	KHARGA	20	1	35	00	0	0	-	14.0	24	26	3
Red Sea	62450	SUEZ	360	6	35	02	2	7	As	15.0	19	46	7
	62459	TOR	310	13	15	00	0	7	Cu	13.5	19	64	12
	62462	HURGHADA	350	7		02	1	4	Sc	13.0	18	78	14
	62465	QUSEIR	360	13	15	00	1	6	Ac	14.8	22	50	11
	62641	PORT SUDAN	70	11	50	01	1	1	Cu	11.5	25	74	20
North Sudan	62600	WADI HALFA	100	3	30	02	1	6	Cu	9.6	30	11	-3
	62640	ABU HAMAD	90	5	18	03	0	2	Cu	6.8	33	21	8
	62660	KAREIMA	20	3	30	01	1	3	Cu	8.3	33	10	-2
	62680	'ATBARA	360	2	30	03	1	2	Cu	5.4	35	15	5
	62721	KHARTUM	50	8	30	02	0	0	-	5.5	35	12	2
	62730	KASSALA	20	5	30	00	0	0	-	3.2	36	22	11
Central Sudan	62751	WAD MEDANI											
	62801	RENK	50	9	50	00	0	0	-	6.0	36		
	62802	ROSEIRES	360	5	35	00	0	0	-	-	34	25	11
	62771	EL OBEID	60	5	30	00	0	0	-	4.5	35	10	-1
	62760	EL FASHER	130	5	30	00	0	1	Cu	-	34	14	3
	62770	GENEINA	70	5	30	01	0	3	Cu	-	35	10	-1
S. Sudan	62840	MALAKAL	70	7	30	02	0	1	Ac	4.0	37	8	-3
	62880	WAU	300	12	30	00	0	1	Ac	2.3	38	11	3
	62941	JUBA	110	9		03	1	2	Cu,Ac	5.1	33	28	12

At 1800 on Thursday 24th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALUM	270	8	7	01	0	0	-	19.8	11	77	7	0.2
SIDI BARANI	290	9	35	01	5	6	Sc,Ac	19.6	12	63	5	dr
MATRUH	310	8	12	01	2	3	Sc	18.7	11	77	7	0
EL DABA	320	22		01	1	3	Cu		13	67	7	0
ALEXANDRIA	70	9	3	03	2	7	St,Ac	17.5	14	55	5	0
FOUAD (Airport)	310	14	14	01	1	1	Cu	17.5	13	41	0	0
DAMIETTA	340	5		01	1	3	Sc	16.8	13	67	7	0
PORT SA'ID												
EL 'ARISH		35	01	0	3	Cb		15.8	14	77	10	0
DAMANHUR	310	5	7	02	1	7	As	17.2	12	77	8	0
MANSURA	40	5	3	00	1	0	-	17.4	13	67	7	0
TANTA	270	2	35	01	1	3	Cu	18.6	14	72	8	0
ZAGAZIG	320	2	3	02	2	8	Cu	18.6	14	67	8	0
ISMA'ILIA	20	2	3	02	2	8	As	17.9	15	59	7	0
FAROUK (Airport)	350	14	12	02	1	3	Ac	17.2	14	55	5	0
ALMAZA												
EZBEKIYA	360	4	15	01	0	4	Sc	17.0	14	67	8	0
GIZA	360	4	15	01	0	4	Sc	17.2	14	66	8	0
HELWAN	340	7	15	02	2	6	Ac	16.8	15	48	4	0
FAIYUM	360	2	35	02	1	4	St	16.8	14	55	5	0
MINYA	10	5	8	00	0	1	Ac	16.1	13	55	4	0
ASYUT MANQABAD												
NAG' HAMMADI												
QENA	290	9	7	02	1	4	Ac	11.4	19	37	4	0
LUXOR	00	0	12	00	1	0	-	12.5	19	43	6	0
ASWAN	00	0	50	00	0	0	-	11.2	25	22	2	0
SIWA	00	0	7	00	0	0	-	20.2	14	48	3	0
BAHARIYA	340	3	35	02	0	0	-	18.0	14	48	3	0
FARAFRA												
DAKHLA	360	3	35	00	0	0	-	14.3	18	37	3	0
KHARGA	360	5	15	00	0	0	-	14.4	19	40	3	0
SUEZ	00	0	15	01	0	0	-	15.0	16	59	8	0
TOR	310	8	15	00	0	5	Cu	13.0	19	52	9	0
HURGHADA	310	11		00	1	0	-	13.8	19	64	12	0
QUSEIR	360	9	15	01	1	2		14.0	19	64	12	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on Friday 25th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	320	15	7	00	0	2	Ac	20.3		14	16		8		48	3	0.2		
SIDI BARANI	320	15	50	02	1	6	Sc,Cu	20.3		14	16		10		55	5	dr	235	
MATRUH	340	18	12	25	8	6	Cb	19.2		12	16		9		63	5	2		
EL DABA	320	20		02	2	6	Cu	17.6		12			9		88	10	0	142	
ALEXANDRIA	310	22	50	03	6	4	Cb	15.8	-1.1	13	17	-3	9	-3	55	4	1	245	168
FOUAD (Airport)	310	23	15	01	1	4	Cu	15.4		13	18		9		55	4	1	240	130
DAMIETTA	220	13		60	6	7	Cu,Cb	13.8	-2.6	9	17		6		88	7	5	241	89
PORT SA'ID	280	24	12	81	2	7	Cu,Cb	13.6		11			9		77	7	0.5	47	
EL 'ARISH	270	5	35	01	0	2	Cu	14.4	-2.6	13	20	0	8	-1	67	7	0		68
DAMANHUR	310	9	7	01	1	2	Cu	16.1	-0.3	12	18	-3	8	-1	77	8	0	88	81
MANSURA	270	5	15	50	5	6	Cb	15.1	-1.4	10	19	-2	7	-1	76	6	dr	37	39
TANTA	270	16	15	03	2	6	Cu	16.7	-0.2	10	19	-3	5	-2	88	8	0	24	31
ZAGAZIG	220	2	7	01	1	4	Ac	15.2	-1.8	10	20	-1	6	-1	88	8	0	14	20
ISMA'ILIA	200	5	3	02	1	5	Sc	16.8		11	19		9		77	7	0	11	
FAROUK (Airport)	250	14	12	01	1	2	Sc,Cu	16.4		9	18		7		76	5	0		
ALMAZA																			
EZBEKIYA	270	11	15	00	0	1	Cu	17.1	0.0	9	19	-4	8	-1	71	4	0	8	18
GIZA	270	11	15	00	0	1	Cu	17.0	-0.2	12	19	-3	5	-2	67	6	0	14	18
HELWAN	250	3	35	00	0	3	Fs,Fc,Ac	17.2	-0.1	8	18	-3	7	-3	88	6	0	15	19
FAIYUM	240	2	35	01	0	0	-	18.6	+1.7	10	19	-4	7	-1	62	3	0	4	6
MINYA	360	3	8	00	0	0	-	19.1		9	21		4		50	-2	0	4	
ASYUT MANQABAD	270	2	30	00	0	0	-	18.9		10	24		6		67	4	0		
NAG' HAMMADI	290	3	9	00	0	0	-	17.5	+0.5	11	25		5		58	3	0	0	
QENA	290	12	15	00	0	0	-	18.0	+1.8	15	26	0	10	+1	48	4	0	dr	
LUXOR	340	11	30	00	0	0	-	16.1		15	27		11		48	4	0	dr	
ASWAN	360	11	50	10	4	0	-	15.4	-1.6	16	30	+3	14	+2	49	5	0	dr	
SIWA	320	6	15	00	0	0	-	22.6	+4.0	9	21	-1	5	-1	62	2	0	0	6
BAHARIYA	270	2	35	02	0	0	-	19.9	+2.3	10	20	-3	5	-2	76	6	0	dr	7
FARAFRA																			
DAKHLA	320	9	35	00	0	0	-	19.1	+1.1	13	26	+1	9	+1	55	4	0	dr	
KHARGA	20	3	35	00	0	0	-			12	25	-1	10	+2	55	3	0	0	
SUEZ	00	0	15	00	0	4	Sc,Cu	15.1	-1.3	11	20	-2	9	-2	77	7	0	12	12
TOR	20	9	35	00	0	0	-	13.9	-2.2	16	19	-3	11	+1	42	3			11
HURGHADA	320	20		00	0	0	-	14.6		15	20		11		77	11	0	dr	
QUSEIR	360	13	15	02	0	0	-	13.4	-2.0	17	22	-2	15	0	60	9	0	0	4
PORT SUDAN	60	38?	2	34	1	4	St	14.2			26		21				0	34	93
WADI HALFA	360	17	30	03	0	1	Cu	14.8		15	32		11		30	-3	0	tr	
ABU HAMAD	50	2	50	04	1	7	Cc	9.9		20	35		16		26	0	0	0	
KAREIMA	30	3	30	03	2	7	As,Cs	10.3		20	35		16		24	-1	0	3	1
'ATBARA	360	2	10	03	1	6	Cs	9.6		21			17		28	2	0	7	2
KHARTUM	340	4	30	03	1	6	Cu	10.1		20	37		18		26	0	0	10	4
KASSALA	00	0	30	00	0	0	-	6.0		21	37		17		65	14	0	2	8
WAD MEDANI	360	5	50	00	0	0	-	9.0		22	38		17		38	7	0	11	12
RENK	50	5	50	00	0	0	-			23	36		17		53	13	0	0	49
ROSEIRES	340	2	35	00	0	0	-			22	38		19		53	12	0	2	36
EL OBEID	20	6	30	01	0	2	As	9.5		22	35		17		16	-5	0	0	16
EL FASHER																		0	6
GENEINA	70	3	30	02	0	7	Cs			19	37		16		21	-4	0		4
MALAKAL																	0	69	88
WAU	00	0	30	02	1	8	Ac	7.1		24	40		24				0	261	149
JUBA	160	2	30	02	0	1	Ac,Cu	8.0		27	36		24		23	6	0	129	157

HUMIDITY % Mean of day

Station	on 24th	Diff. from normal
Alexandria	51	-14
Ezbekiya	64	+3
Giza	68	+2
Helwan	57	+8

GIZA GRASS MINIMUM TEMP. ON 25th -0.1 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

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

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

UPPER WIND OBSERVATIONS on 24th

Height m.	Fouad A.P. 15 Dir.	Vel.	P. Said 14 Dir.	Vel.	Mina Dir.	Vel.
300	40	9	340	10	360	23
600	40	10	340	13	360	23
1000	50	9	280	5	360	23
1500	30	12	240	15	170	4
2000	10	17	230	9		
3000	10					
4000						
5000						
6000						
7000						
8000						

UPPER WIND OBSERVATIONS on 25th

Station	Sidi Barani Time 5 Dir.	Vel.	Matruh Dir.	Vel.	Fouad Airport 6 Dir.	Vel.	Port Said Dir.	Vel.	El 'Arish Dir.	Vel.	Helwan Dir.	Vel.	Minya 3 Dir.	Vel.	Asyut Manqabad Dir.	Vel.	Luxor 6 Dir.	Vel.	Aswan Dir.	Vel.	Hurghada 9 Dir.	Vel.	Farouk A.P. 3 Dir.	Vel.
300	330	20			320	20							350	24			330	22			320	23	270	19
600	330	23			330	22							340	42			340	26			290	19	290	23
1000	330	22			340	23							330	64			330	31			320	24	290	24
1500	10	13											320	78									290	32
2000													310	52									280	35
3000																							280	44
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa Time 5 Dir.	Vel.	Bahariya 5 Dir.	Vel.	Dakhla 5 Dir.	Vel.	Kharga 6 Dir.	Vel.	Wadi Halfa 5 Dir.	Vel.	Abû Hamad Dir.	Vel.	Kareima 4 30 Dir.	Vel.	Khartûm Dir.	Vel.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fâsher 4 45 Dir.	Vel.	Malakâl 4 Dir.	Vel.
300	330	33	320	33	350	18	20	20	360	17														
600	340	33	320	37	360	22	360	27	10	29			30	20									110	8
1000	350	31	330	37	360	31	360	30	20	9			20	17							40	8	160	7
1500	340	29	310	42	340	33			290	11			330	8							80	7	100	4
2000	310	36	320	47									270	7										
3000									270	24			270	6							70	5	30	13
4000																								
5000																								
6000																								
7000																								
8000																								

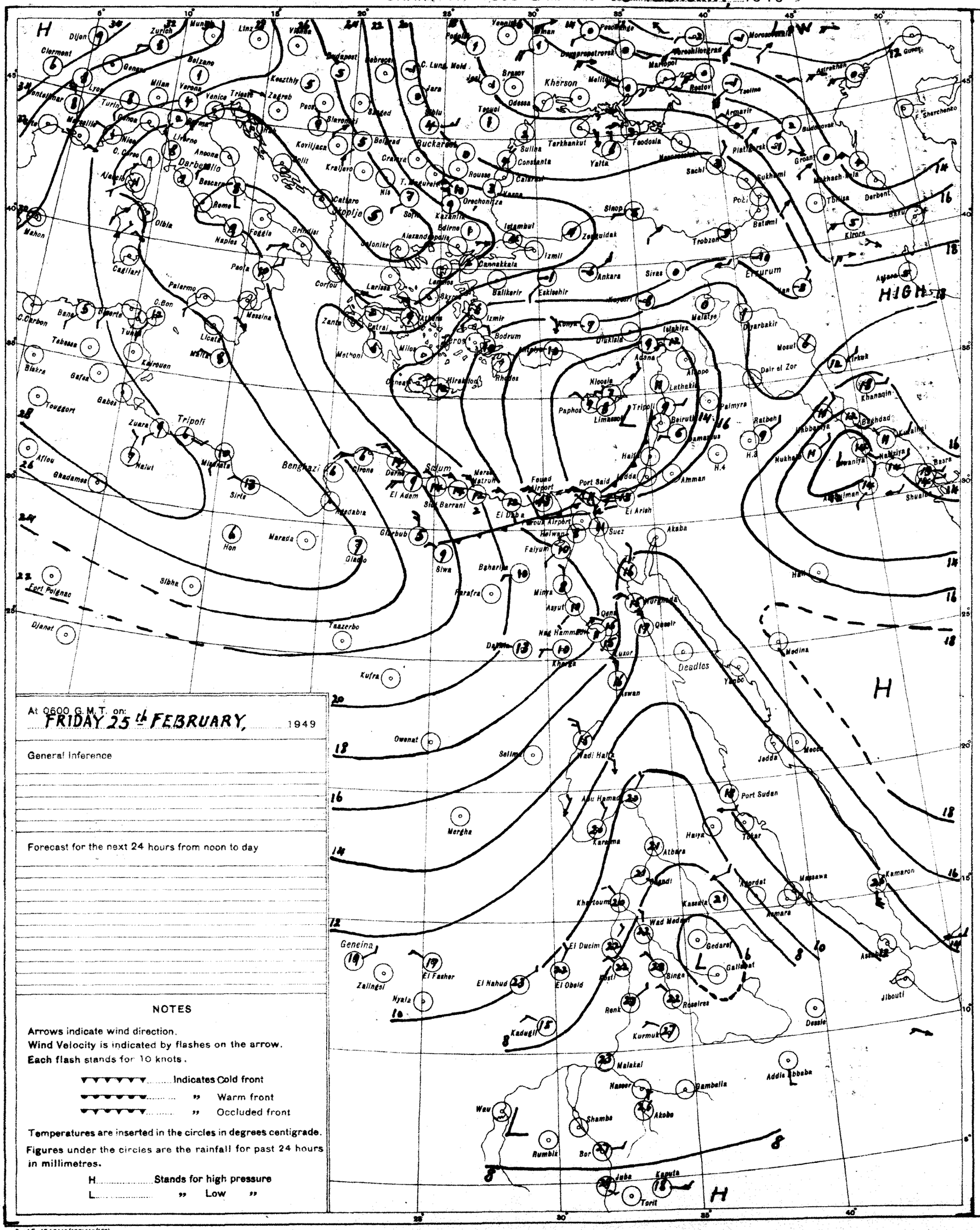
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 25th FEBRUARY 1949



At 0600 G.M.T. on: FRIDAY 25th FEBRUARY, 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

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

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

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

H Stands for high pressure
L " Low "

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

AH

S of E 1948(48/195)(48/450)

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 No 7 F.

DAILY WEATHER REPORT

Date: SATURDAY 26TH FEBRUARY, 1949

At 1200 on FRIDAY 25TH

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
MEDITERRANEAN	62300	SALUM	320	11	7	03	2	5	Ac	20.2	17	52	7
	62308	SIDI BARÂNI	320	14	50	02	2	6	Cb	20.6	16	68	10
	62306	MATRUH	10	17	15	02	1	3	Sc				6
	62309	EL DABA											
		ALEXANDRIA	330	13	50	01	5	4	Sc.Cu	16.8	15	48	4
	62318	FOUAD (Airport)	320	17	15	02	5	5	Sc	16.5	16	42	3
	62330	DAMIETTA	340	19	15	01	5	5	Cu	14.6	14	82	8
	62333	PORT SAÏD	350	22	30	03	8	4	Cu.Sc	14.1	13	67	7
	62336	EL 'ARISH	220	13	35	03	2	6	Cu	13.1	13	77	9
LOWER EGYPT	62339	DAMANHUR	20	9	15	03	6	6	Cu	16.7	15	68	9
	62342	MANSURA	320	13	35	03	5	6	Cb	15.2	15	59	7
	62348	TANTA	220	13	15	03	6	8	St	15.2	14	55	5
	62354	ZAGAZIG	320	2	15	25	5	4	Cu	15.4	15	59	7
	62441	ISMAÏLIA	250	24	3	06	5	5	Sc	15.1	13	67	7
CAIRO AREA	62366	FAROUK (Airport)	320	24	13	02	8	5	Cb	15.9	17	52	7
	62372	ALMAZA											
		EZBEKIYA	330	10	15	03	0	6	Cu	15.9	17	42	4
		GIZA	330	10	15	02	0	6	Cu	16.4	16	50	6
	62378	HELWÂN	320	23	15	31	3	5	Cb	15.5	15	39	1
UPPER EGYPT	62381	FAIYUM	330	8	35	03	1	4	St	16.4	17	42	4
	62387	MINYA	360	16	12	02	0	3	Sc	17.0	20	24	-1
	62393	ASYÛT MANQABAD	270	20	30	07	0	0	-	16.3	18	34	2
	62399	NAG' HAMMADI	270	4	7	00	1	0	-	16.0	19	30	1
	62402	QENA	240	12	50	00	0	0	-	15.4	21	26	1
	62405	LUXOR	320	16	12	07	0	0	-	14.9	20	19	-4
	62414	ASWÂN	340	11	50	10	4	0	-	14.4	21	31	3
OASES	62417	SIWA	320	10	15	00	0	0	-	22.4	18	60	10
	62420	BAHARÎYA	360	04	35	02	2	6	Ac	19.1	17	42	4
	62423	FARAFRA											
	62431	DAKHLA	320	18	15	07	3	0	-	18.0	17	34	1
	62436	KHARGA	340	2	35	00	0	0	-	17.5	19	23	-3
RED SEA	62450	SUEZ	330	24	15	09	2	6	Sc.Cu	14.3	16	46	5
	62459	TÛR	310	15	35	00	0	0	-	14.3	17	52	7
	62462	HURGHADA	350	20		00	0	0	-	13.6	17	60	9
	62465	QUSEIR	360	19	15	02	0	0	-	13.4	20	64	13
	62641	PORT SUDAN	90	10	10	01	2	8	Cu.Cs	7.9	27	70	21
NORTH SUDAN	62600	WÂD HALFA											
	62640	ABU HAMAD	50	13	10	03	2	8	Cs	6.8	33	23	9
	62660	KAREIMA	340	13	30	03	2	7	Cs	7.2	34	8	-5
	62680	ATBARA	360	9	10	02	2	7	Cs	5.5	33	16	4
	62721	KHARTUM	340	8	30	02	1	6	Cs	5.1	35	13	3
	62730	KASSALA	340	9	30	02	0	4	Ci	1.6	38	18	10
CENTRAL SUDAN	62750	WÂD MEDANI	340	5	50	02	1	7	Ci	2.7	39	10	2
	62800	RENK											
	62802	ROSEIRES	310	2	35	00	0	0	-		38	21	12
	62771	EL OBEID	350	10	30	03	0	7	Ac	3.1	36	7	-5
	62760	EL FÂSHER	50	9	30	01	1	4	Ci;Cs		35		
	62770	GENEINA	20	9	30	02	2	7	Cs		35	7	-6
S. SUDAN	62840	MALAKÂL	270	5	30	02	1	3	Cu.Ci	1.8	38	21	12
	62880	WÂU	280	7	30	00	0	1	Cu	0.8	39	18	11
	62940	JUBA	50	9	30	02	1	5	Cu	1.2	39	24	15

At 1800 on 25TH

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	270	4	7	01	0	0	-	20.3	12	63	5	0
SIDI BARÂNI	320	6	35	01	1	4	Sc,Cu	20.2	14	67	8	0
MATRUH												
EL DABA												
ALEXANDRIA	310	10	3	02	2	3	Cu.Sc	18.2	14	67	8	dr
FOUAD (Airport)	310	10	12	02	1	2	Sc	17.8	13	63	6	1
DAMIETTA	340			02	1	4	Cu	17.1	14	67	8	42
PORT SAÏD	320	14	15	01	1	1	Sc	16.8	14	59	6	4
EL 'ARISH	320	9	7	02	1	4	Cb	15.8	13	77	9	0
DAMANHUR	360	5	7	01	1	2	Cu	19.0	11	77	7	0.1
MANSURA	340	5	3	00	1	0	-	17.5	12	63	5	dr
TANTA	220	8	35	01	2	6	Cu	18.2	11	77	7	dr
ZAGAZIG	20	2	3	00	1	0	-	17.2	10	88	8	1
ISMAÏLIA	290	2	3	01	0	0	-	17.8	11	77	7	dr
FAROUK (Airport)	320	5	12	00	1	0	-	18.5	12	67	6	dr
EZBEKIYA	360	3	15	00	2	0	-	18.3	13	67	7	0
GIZA	360	3	15	00	2	0	-	18.2	12	67	6	0
HELWÂN	340	8	15	01	0	1	Sc.Cu	18.3	12	63	5	0
FAIYUM	00	0	35	01	0	0	-	18.3	12	55	3	0
MINYA	20	9	8	00	0	0	-	17.9	12	44	0	0
ASYÛT MANQABAD												
NAG' HAMMADI	290	1	9	00	1	2	As	16.6	13	72	8	0
QENA	290	12	7	00	0	0	-	15.8	16	42	3	0
LUXOR	300	7	12	00	0	0	-	16.0	14	42	1	0
ASWÂN	360	12	50	00	0	0	-	15.8	18	37	3	0
SIWA	00	0	7	00	0	0	-	23.3	14	55	5	0
BAHARÎYA	360	02	35	02	1	0	-	19.5	13	55	4	0
FARAFRA												
DAKHLA	00	0	35	00	0	0	-	19.1	14	34	-1	0
KHARGA	360	12	15	00	0	0	-	18.8	11	63	4	0
SUEZ	00	0	7	01	0	0	-	17.1	12	77	8	
TÛR	310	20	15	00	0	0	-	15.8	15	68	9	0
HURGHADA	330	20		00	0	0	-	15.2	16	68	10	0
QUSEIR	330	19	15	02	0	0	-	14.4	17	60	9	0
PORT SUDAN												
WÂD HALFA												
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTUM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on SATURDAY 26TH

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	270	9	7	03	2	6	St.Ac	19.4		10	18		6		76	6	0		
SIDI BARÂNI	200	4	50	02	1	4	Sc.Cu	19.1		11	17		8		88	9	0	235	
MATRUH	290	9	12	03	0	3	Sc	18.2		10			8		76	6	0		
EL DABA																		142	
ALEXANDRIA	330	11	50	03	2	4	Cu.Sc	16.8	0.0	15	17	-3	13	+1	68	9	dr	245	169
FOUAD (Airport)	300	13	18	01	1	4	Cb	16.3		15	17		13		59	7	1	240	131
DAMIETTA	220	5		11	1	3	Cu	16.0	-0.4	10	14		9		88	8	42	283	90
PORT SAÏD	250	12	11	03	0	2	Sc	15.8		11	14		10		82	8	4	51	
EL 'ARISH	220	13	35	01	0	1	Cu	16.0	-1.0	13	20	0	10	+1	67	7			69
DAMANHUR	270	5	3	03	1	3	Cu	17.0	+0.6	10	17	-4	7	-2	88	8	0.1	88	82
MANSURA	200	5	35	03	2	6	Sc.Cu	16.0	-0.5	9	16	-5	6	-2	88	7	dr	37	40
TANTA	220	5	35	03	2	8	Cu	17.6	+0.8	10	17	-5	5	-2	88	8	dr	24	32
ZAGAZIG	220	2	7	03	1	4	Cu	17.2	+0.2	9	18	-3	6	-1	88	7	1	15	21
ISMAÏLIA	250	5	3	00	1	3	Sc	16.7		10	17		8		76	6	dr	11	
FAROUK (Airport)	200	16	8	03	1	8	Sc	17.8		10	17		8		76	6	dr		
ALMAZA																			
EZBEKIYA	180	4	15	01	2	7	Sc	18.2	+1.1	9	17	-6	7	-2	71	4	0	8	18
GIZA	180	4	15	01	2	7	Sc	18.4	+1.2	10	18	-4	4	-3	71	5	0	14	18
HELWÂN	110	5	7	03	2	8	Sc	18.7	+1.4	8	16	-5	5	-5	71	3	0	15	19
FAIYUM	200	2	35	03	2	7	St	19.2	+2.3	8	18	-5	6	-2	71	3	0	4	6
MINYA	00	0	6	10	0	4	Ac	19.4		7	20	-3	2		57	-1	0	4	
ASYÛT MANQABAD	290	1	18	00	0	0	-	18.6		8	19		4		66	2	0	0	
NAG' HAMMADI	320	2	15	00	0	0	-	17.9	+1.0	11	19		4		63	4	0	0	
QENA	270	5	15	00	0	0	-	17.5	+1.4	10	22	-5	7	-2	62	3	0	dr	
LUXOR	00	0	30	00	0	0	-	16.9		12	21		5		44	0	0	dr	
ASWÂN	360	11	50	00	0	0	-	16.7	-0.2	11	22	-5	9	-3	51	1	0	dr	
SIWA	00	0	15	00	0	0	-	21.1	+2.5	11	20	-2	5	-1	63	4	0	0	6
BAHARÎYA	00	0	15	02	0	0	-	19.9	+2.3	9	18	-5	4	-3	71	4	0	dr	7
FARAFRA																			
DAKHLA	270	3	35	00	0	0	-	18.7	+0.8	7	18	-3	4	-4	71	2	0	dr	
KHARGA	20	3	35	00	0	0	-	18.8	+0.8	12	20	-6	7	-2	55	3	0	0	
SUEZ	00	0	15	00	0	4	Cu	16.7	+0.3	13	20	-2	6	-5	67	7	0	0	12
TÛR	20	9	35	00	0	0	-	15.8	-0.2	11	19	-3	7	-3	51	1	0	0	11
HURGHADA	280	8		00	0	1	Cu	14.5		13	19		8		67	7	0	0	
QUSEIR	330	13	15	00	1	3	Ac	15.8	+0.5	15	22	-2	12	-3	48	4	0	0	4
PORT SUDAN																		34	93
WÂD HALFA	20	8	10	01	0	2	Ci	18.6		11	26		6		41	-1	0	tr	
ABU HAMAD	50	14	10	03	2	8	Cs	11.7		15	35		8		42	2	0		
KAREIMA	360	13	30	02	1	3	Ci	13.7		18	35		13		20	-5	0	3	1
ATBARA	50	9	10	03	1	3	Ci	14.9		19	35		16		22	0	0	7	2
KHARTUM	350	12	7	02	0	2	Ci	9.2		20	37		17		26	0	0	10	4
KASSALA	50	9	30	01	1	6	Ci;Cs	5.6		25	38		21		61	17	0	2	8
WÂD MEDANI	360	13	7	00	0	0	-	6.6		21	39		17		23	-1	0	11	12
RENK	50	9	50	00	0	0	-	7.3		19	37		14		40	5	0	0	49
ROSEIRES	340	5	35	00	0	0	-			24	41		20		38	9	0	2	36
EL OBEID	340	12	30	00	0	0	-	10.2		18	37		15		28	-1	0	0	16
EL FÂSHER	200	13	7	05	0	0	-			17	36		14		28	-2	0	0	6
GENEINA	50	15	10	00	0	0	-			18	36		17		24	-3	0		4
MALAKÂL																			88
WÂU	220	6	30	25	8	7	Ac	5.0		26	40		25		35	9	dr	261	149
JUBA																			158

HUMIDITY

Mean of day

STATION	on 25TH	Diff. from normal
Alexandria	54	-11
Ezbekiya	65	+4
Giza	62	-4
Helwân	68	+19

GIZA
GRASS MINIMUM TEMP. ON 26TH -0.9 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ____ At ____

RAWINSONDE — On ____ At ____ AIRPORT

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

Remarks

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

UPPER WIND OBSERVATIONS on 25TH

Height m.	Fouad A.P. Dir.	Vel.	Dir.	Vel.	Minya Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
Time	15				15																					
300	340	31			350	20																				
600	340	36			360	16																				
1000	340	33			10	14																				
1500	340	28			10	14																				
2000	340	38																								
3000	340	27																								
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 26TH

Station	Sidi Barâni Dir.	Vel.	Matrûh Dir.	Vel.	Fouad Airport Dir.	Vel.	Port Saïd Dir.	Vel.	El 'Arish Dir.	Vel.	Helwân Dir.	Vel.	Minya Dir.	Vel.	Asyût Manqabad Dir.	Vel.	Luxor Dir.	Vel.	Aswân Dir.	Vel.	Hurghada Dir.	Vel.	Almaza Dir.	Vel.
Time	5										6	45	3		8	45	5	30	5		10		8	30
300	330	5									160	12	40	10	360	10	10	4	10	17	340	22	260	13
600	320	6									290	11	10	9	10	13	10	9	10	27	330	27	300	16
1000	320	8									300	17	350	10	10	15	360	17	30	22	320	24	270	13
1500	310	14									310	20	30	23	350	12	30	9	30	13	320	12	310	15
2000											310	25	20	19	340	9	340	13	360	8	20	15	310	14
3000											East	Sc			310	12	300	17			320	19		
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa Dir.	Vel.	Bahariya Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Wâd Halfa Dir.	Vel.	Abu Hamad Dir.	Vel.	Kareima Dir.	Vel.	Khartûm Dir.	Vel.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fâsher Dir.	Vel.	Malakâl Dir.	Vel.
Time					5		6		5		4	15	4	45	4	15	4		4	15	4	45	4	
300					30	10	360	12	10	15														
600					30	18	360	17	20	27	30	26	30	25	360	15	40	14					30	21
1000					360	17	350	17	20	25	30	27	50	21	20	31	40	17	10	27	10	11	40	36
1500					360				40	13	310	11	340	13	30	24	40	15	50	25			30	28
2000													340	10	10	10	360	14			290	3	50	13
3000													300	15	220	8	320	4			100	12	50	7
4000																	270	6						
5000																								
6000																								
7000																								
8000																								

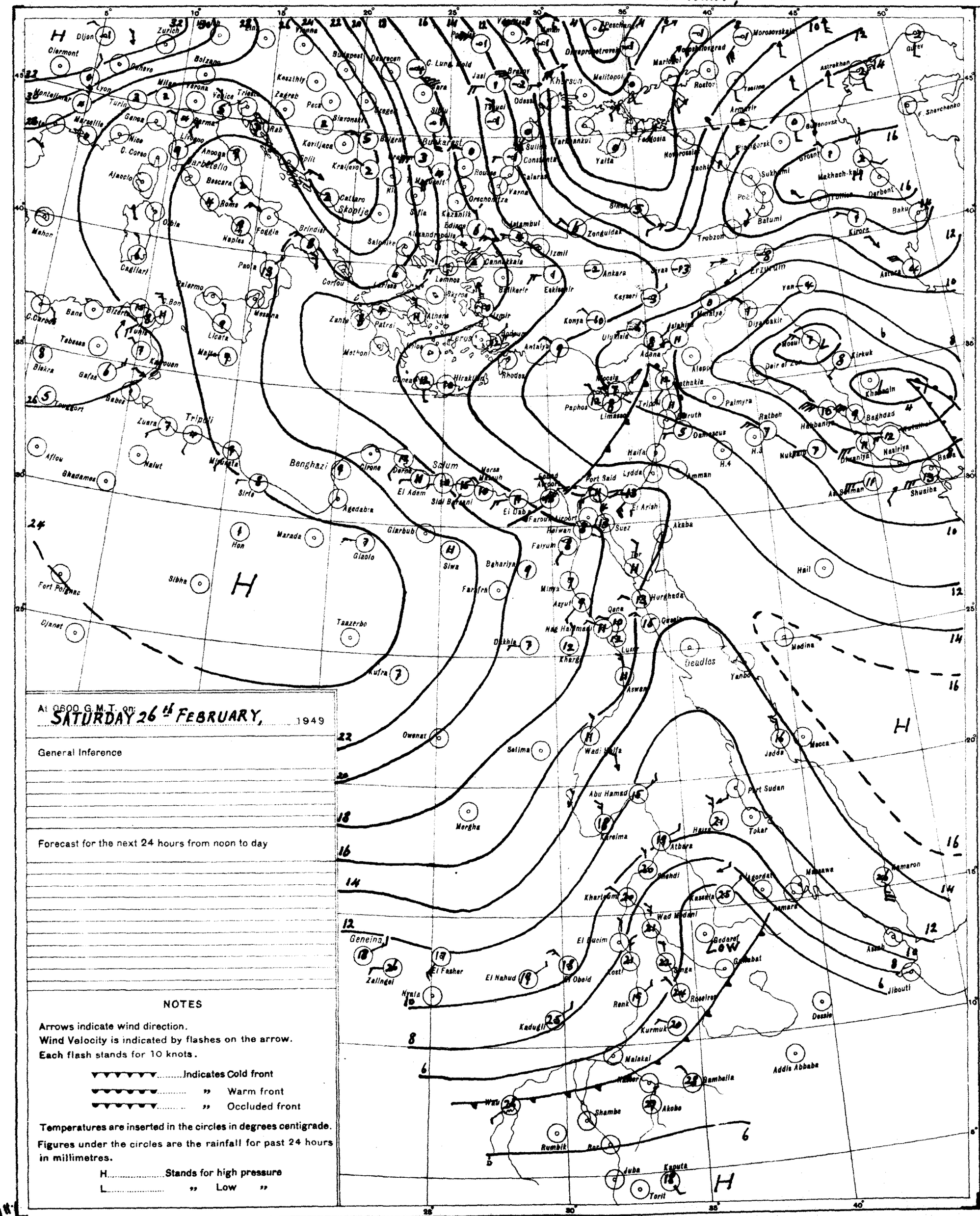
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 26th FEBRUARY, 1949


Dijon
Zurich
Clermont
Bolzano
Montelimar
Lyon
Milan
Verona
Venice
Trieste
Turin
Genoa
Marseille
Nice
C. Corso
Livorno
Ajaccio
Ancona
Barbetella
Bascara
Rome
Olbia
Mahon
Cagliari
Naples
Foggia
Brindisi
Paola
Palermo
Messina
Licata
Malta
C. Bon
Bizerta
Tunis
Tebessa
Kairouan
Gafsa
Biskra
Touggourt
Tripoli
Zuara
Nalut
Ghadames
Aflou
Sirte
Benghazi
Cirene
Agedabia
Marada
Hon
Giarbub
Giaoto
Siwa
Sibha
Fort Polignac
Djanet
Tanzerbo
Kufra
Owenat
Salima
Mergha
Geneina
Zalingei
El Fasher
Nyala
El Nahud
El Obeid
Kadugli
El Ducim
Kosti
Renk
Kurmuk
Malakal
Wau
Shambe
Rumbik
Bor
Juba
Torit
Kapoeta
Gedaref
Gondar
Asmara
Massawa
Tamaron
Jibouti
Dessie
Addis Abbaba
Gambella
Akobo
Roseires
Khartoum
Wad Medani
Kassala
Atbara
Abu Hamad
Kareima
Port Sudan
Tokar
Jedda
Mecca
Medina
Yanbo
Qena
Luxor
Aswan
Hurghada
Kharga
Dakhla
Wadi Halfa
Faiyum
Mimya
Asyut
Farafra
Baharia
Siwa
Suez
Tor
Akaba
Ismailia
Port Said
Lydda
Haifa
Amman
Damascus
Palmyra
Ratbah
Baghdad
Mosul
Kirkuk
Khanaqin
Deir ez Zor
Aleppo
Latakia
Tripoli
Beirut
Paphos
Limassol
Rhodes
Antalya
Adana
Konya
Ankara
Kayseri
Sivas
Erzurum
Yozgat
Diyarbakir
Van
Batum
Trebizon
Zonguldak
Istanbul
Izmir
Canakkale
Salonika
Athens
Patras
Corfou
Lemnos
Skyros
Bucharest
Constanta
Varna
Odessa
Kherson
Sevastopol
Yalta
Feodosia
Rostov
Taganrog
Astrakhan
Baku
Derbent
Tbilisi
Batumi
Kutaisi
Sukhumi
Groznyi
Makhach-kala
Pyatigorsk
Novorossiysk
Krasnovodsk
Gurev
F. Shevchenko
Morosovskaya
Kirovo
Kazanlik
Edirne
Alexandropolis
Salonika
Belgrade
Budapest
Debrecen
Vienna
Zagreb
Split
Dubrovnik
Skoplje
Sofia
Bucharest
Jasi
Kishinev
Odessa
Lwow
Cracow
Warsaw
Danzig
Riga
Leningrad
Moscow
Kazan
Saratov
Astrakhan
Tashkent
Alma Ata
Tiflis
Erivan
Tabriz
Teheran
Meshed
Kabul
Quetta
Karachi
Jacobabad
Multan
Lahore
Peshawar
Jodhpur
Ahmedabad
Bombay
Poona
Nagpur
Jubbulpore
Calcutta
Dacca
Chittagong
Rangoon
Mandalay
Lashio
Kunming
Chengtu
Lanchow
Sian
Hankow
Nanking
Shanghai
Tientsin
Peking
Mukden
Harbin
Hailar
Urga
Irkutsk
Omsk
Tomsk
Novosibirsk
Semipalatinsk
Tashkent
Alma Ata
Frunze
Dushanbe
Ashkhabad
Bokhara
Samarkand
Tashkent
Kuldja
Urumchi
Hami
Ankang
Kweiyang
Kunming
Lashio
Mandalay
Rangoon
Bangkok
Saigon
Hanoi
Canton
Hongkong
Swatow
Amoy
Taipeh
Tokyo
Osaka
Fukuoka
Sapporo
Nagasaki
Pusan
Seoul
Pyongyang
Wonsan
Vladivostok
Khabarovsk
Nikolaevsk
Petropavlovsk
Yakutsk
Verkhoyansk
Ust Kut
Chita
Irkutsk
Bodaibo
Ust Maya
Okhotsk
Magadan
Anadyr
Nome
Point Barrow
Fairbanks
Bethel
Kodiak
Sitka
Juneau
Ketchikan
Prince Rupert
Vancouver
Victoria
Seattle
Portland
San Francisco
Los Angeles
San Diego
Phoenix
Tucson
El Paso
Denver
Salt Lake City
Cheyenne
Bismarck
Minot
Williston
Miles City
Billings
Helena
Spokane
Pocatello
Boise
Winnipeg
Churchill
Fort Smith
Edmonton
Calgary
Prince Albert
Regina
Saskatoon
Swift Current
Medicine Hat
Lethbridge
Banff
Kamloops
Prince George
Dawson
Whitehorse
Fort Nelson
Fort Simpson
Fort Resolution
Yellowknife
Fort Chipewyan
Fort Smith

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 No 7 F.

DAILY WEATHER REPORT

Date : SUNDAY 27th FEBRUARY , 1949

At 1200 on SATURDAY 26th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs	Temperature °C.	Humidity %	Dew Point °C.
MEDITERRANEAN	62300	SALÛM	40	9	7	02	2	7	Cs,Fc	19.0	16	59	8
	62303	SÎDI BARÂNI	340	7	50	01	1	3	Cu	19.1	16	59	8
	62306	MATRÛH	20	9	14	02	1	3	Cu	18.7	16	52	6
	62309	EL DABA		15		01	1	2	Sc,Cu		17	60	9
		ALEXANDRIA	330	10	50	02	2	3	Cu,Sc	16.4	17	52	7
	62318	FOUAD (Airport)	300	18	30	02	0	3	Cu	16.4	17	56	8
	62330	DAMIETTA	320	9	15	01	0	1	Cu	16.0	17	68	11
	62333	PORT SA'ID	290	18	18	02	0	1	Sc	14.9	19	46	7
	62336	EL 'ARISH	220	13	35	01	0	1	Cu	15.1	17	46	5
LOWER EGYPT	62339	DAMANHUR	310	9	15	02	1	3	Cu	16.4	19	52	9
	62342	MANSURA	320	9	35	02	2	4	Cu	15.5	19	46	7
	62348	TANTA	220	13	35	01	1	6	Cu	15.7	20	41	6
	62354	ZAGAZIG	320	2	15	02	1	4	Cu	14.3	17	52	7
	62441	ISMA'ILIA	270	5	3	03	1	5	Sc	15.5	20	41	6
CAIRO AREA	62366	FAROUK (Airport)	290	12	18	02	1	6	Cu,Ci	16.2	18	37	3
	62372	ALMAZA											
		EZBEKIYA	320	6	35	03	2	7	Sc	16.2	18	46	6
		GIZA	320	6	35	03	2	7	Sc	16.6	18	44	6
	62378	HELWAN	320	11	35	03	2	7	Cu,Sc	15.9	17	42	4
UPPER EGYPT	62381	FAIYUM	00	0	35	02	2	7	Sc	16.6	19	37	4
	62387	MINYA	30	8	12	03	0	2	Cu	17.3	19	37	4
	62393	ASYUT MANQABAD	360	8	30	02	0	0	—	16.2	19	32	2
	62399	NAG' HAMMADI	270	6	35	00	0	0	—	15.6	21	33	4
	62402	QENA	240	5	50	00	0	0	—	14.3	22	36	6
	62405	LUXOR	40	3	30	00	0	0	—	14.6	20	24	-1
	62414	ASWAN	360	3	50	00	0	0	—	13.8	21	25	0
OASES	62417	SIWA	320	9	15	00	0	0	—	20.7	20	46	8
	62420	BAHARIYA	270	4	35	02	1	5	Ac	18.2	18	37	3
	62423	FARAFRA											
	62432	DAKHLA	320	17	50	00	0	0	—	17.0	18	37	3
	62435	KHARGA	20	2	35	00	0	0	—	17.0	19	23	-3
RED SEA	62450	SUEZ	00	0	35	03	2	7	Cu	15.1	18	52	8
	62459	TOR	310	16	35	00	0	0	—	14.6	18	52	8
	62462	HURGHADA	340	14		01	1	0	—	15.2	17	60	9
	62465	QUSEIR	40	19	15	01	0	1	Ac,Ci	15.6	18	46	6
	62641	PORT SUDAN	50	19	10	18	2	8	Cu,Cs		25	54	15
NORTH SUDAN	62600	WADI HALFA	360	17	10	02	1	3	Ci	13.2	22	14	-7
	62640	ABU HAMAD	20	9	30	01	2	6	Cc		27	33	9
	62660	KAREIMA	10	13	30	02	1	4	Cs	9.7	27	10	-7
	62680	'ATBARA	340	9	10	02	1	3	Ci	5.8	31	19	5
	62721	KHARTUM	340	13	10	03	0	2	Ci	5.3	32	18	5
	62730	KASSALA	360	9	10	07	1	1	Ci		36	22	11
CENTRAL SUDAN	62751	WAD MEDANI	50	9	35	00	0	0	—	5.0	36	12	2
	62801	RENK	20	9	50	00	0	0	—	6.2	37	13	5
	62802	ROSEIRES	310	5	35	00	0	0	—		39	13	6
	62771	EL OBEID	360	16	30	00	0	0	—	5.1	31	8	-7
	62760	EL FASHER	50	5	4	05	0	0	—		29	19	3
	62770	GENEINA	50	13	10	00	0	2	Ci		31	12	-1
S. SUDAN	62840	MALAKAL	30	15	10	04	0	2	Cs	0.9	37	10	0
	62880	WAU	320	10	30	02	1	7	Ac,Cs	0.0	38	10	1
	62941	JUBA	90	9	30	03	1	7	Cu,Cs	98.6	39	18	11

At 1800 on SATURDAY 26th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
62300	SALUM	320	6	7	01	0	0	—	19.5	14	77	10	0
62303	SIDI BARANI	340	6		01	0	0	—	19.9	14	77	10	0
62306	MATRUH	10	9	12	01	1	2	Cu	19.2	14	55	5	0
62309	EL DABA	270	8		01	1	2	Cu	17.1	15	59	7	0
	ALEXANDRIA	310	11	3	01	2	3	Sc,Cu	17.6	15	59	7	0
62318	FOUAD (Airport)	320	13	15	01	1	1	Cu	18.0	15	63	8	0
62330	DAMIETTA	340	9		02	0	1	Cu	16.3	15	68	9	0
62333	PORT SA'ID	210	15	12	02	0	1	Sc,Ci	15.8	15	68	9	0
62336	EL 'ARISH	320	9	7	01	0	0	—	15.2	15	77	11	0
62339	DAMANHUR	360	5	7	01	1	0	—	17.1	12	88	10	0
62342	MANSURA	340	5	3	00	1	0	—	17.4	13	67	7	0
62348	TANTA	220	2	35	01	1	3	Cu	17.1	13	67	7	0
62354	ZAGAZIG	320	2	3	00	1	0	—	17.2	11	88	9	0
62441	ISMA'ILIA	20	2	3	02	0	0	—	16.7	14	65	5	0
62366	FAROUK (Airport)	340	3	12	01	1	1	Ci	17.4	14	63	7	0
62372	ALMAZA												
	EZBEKIYA	00	0	15	00	0	0	—	17.6	14	67	8	0
	GIZA	00	0	15	00	0	0	—	17.4	13	65	7	0
62378	HELWAN	340	12	15	01	0	0	—	17.1	14	55	5	0
62381	FAIYUM	00	0	35	01	0	0	—	17.5	14	55	5	0
62387	MINYA	00	0	8	00	0	0	—	17.2	12	51	2	0
62393	ASYUT MANQABAD												
62399	NAG' HAMMADI	270	2	7	02	0	0	—	16.0	14	55	5	0
62402	QENA	270	5	7	00	0	0	—	14.6	17	34	1	0
62405	LUXOR	320	4	12	00	0	0	—	14.9	16	32	-1	0
62414	ASWAN	360	10	50	00	0	0	—	14.8	18	30	0	0
62417	SIWA	00	0	7	00	0	0	—	20.0	15	68	9	0
62420	BAHARIYA	320	2	35	02	1	0	—	19.2	13	59	5	0
62423	FARAFRA												
62432	DAKHLA	320	6	35	00	0	0	—	18.6	15	39	1	0
62435	KHARGA	340	2	7	00	0	0	—	17.4	15	45	3	0
62450	SUEZ	00	0	15	01	0	0	—	16.2	14	55	5	0
62459	TOR	340	18	15	00	0	0	—	14.6	18	52	8	0
62462	HURGHADA	320	14		00	0	0	—	15.4	17	56	8	0
62465	QUSEIR	360	13	15	02	0	0	—	15.4	18	52	8	0
62641	PORT SUDAN												
62600	WADI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	'ATBARA												
62721	KHARTUM												
62730	KASSALA												
62751	WAD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID												
62760	EL FASHER												
62770	GENEINA												
62840	MALAKAL												
62880	WAU												
62941	JUBA												

At 0600 on SUNDAY 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.	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	6	7	03	2	4	Sc,Ac	22.8		13	17		8		88	11	0		
SIDI BARANI	360	6	50	03	0	3	Cb	22.8		14	18		7		67	8	0	236	
MATRUH	350	13	13	81	5	7	Cb	22.4		10	17		9		95	10	0.3		
EL DABA	360	20		01	1	3	Cu	21.8		15	19		10		59	7	0	142	
ALEXANDRIA	360	16	50	02	2	4	Cu,Sc	19.9	+3.1	14	18	-2	13	+1	48	3	0	243	170
FOUAD (Airport)	330	20	18	03	2	6	Cb	19.8		14	18		13		45	2	dr.	240	131
DAMIETTA	360	24		03	2	4	Cb	17.4	+1.1	15	18		9		59	7	0	283	91
PORT SA'ID	340	26	11	80	8	7	Cu,Sc	16.9		14	19		12		67	8	0.3	52	
EL 'ARISH	220	9	15	60	6	7	Cb	15.8	-1.2	13	18	-2			77	9	1		69
DAMANHUR	270	9	7	03	1	7	Cu	19.5	+3.1	14	19	-2	8	-1	67	8	0	88	83
MANSURA	320	2	35	01	5	3	Sc,Cu	18.2	+1.8	11	20	-1	8	0	77	7	dr.	37	40
TANTA	270	2	35	01	1	1	Cu	18.3	+1.5	10	20	-2	5	-2	76	6	0	24	32
ZAGAZIG	220	2	7	00	0	0	—	18.7	+1.8	10	21	-1	7	0	88	8	0	15	21
ISMA'ILIA	290	5	3	01	1	3	Sc	18.0		12	21		9		63	5	0	11	
FAROUK (Airport)	260	7	10	02	1	2	Sc	19.4		10	19		8		82	7	0		
ALMAZA	270	9	11	01	1	3	Sc	19.2	+2.1	10			8		88	8	0		
EZBEKIYA	320	3	15	00	0	0	—	19.9	+2.8	12	20	-3	9	0	63	5	0	8	18
GIZA	320	3	15	00	0	0	—	19.6	+2.5	12	20	-2	6	-1	71	7	0	14	18
HELWAN	340	1	3	06	1	3	Sc	19.5	+2.3	10	18	-3	8	-2	76	6	0	15	19
FAIYUM	300	3	35	02	0	0	—	20.4	+3.6	12	20	-3	8	0	77	8	0	4	6
MINYA	340	3	5	10	0	0	—	20.5		9	20		4		71	4	0	4	
ASYUT MANQABAD	360	3	18	00	0	0	—	20.1		10	20		6		76	6	0		
NAG' HAMMADI	320	2	15	00	0	0	—	18.7	+1.9	11	23		6		63	4	0	0	
QENA	270	2	15	00	0	0	—	18.4	+2.3	12	24	-3	7	-2	63	5	0	dr.	
LUXOR	220	2	30	00	0	0	—	17.8		13	22		6		48	2	0	dr.	
ASWAN	360	10	50	00	0	0	—	18.0	+1.2	12	22	-5	9	-3	51	2	0	dr.	
SIWA	00	0	15	00	0	0	—	23.4	+4.9	10	21	-2	4	-2	62	3	0	0	6
BAHARIYA	330	2	35	02	0	0	—	21.6	+4.1	11	19	-4	7	0	77	7	0	dr.	7
FARAFRA																			
DAKHLA	270	3	35	00	0	0	—	20.0	+2.2	9	19	-7	6	-2	62	2	0	dr.	
KHARGA	20	3	35	00	0	0	—	19.6	+2.5	13	21	-5	7	-2	55	4	0	0	
SUEZ	310	15	15	00	1	4	Cu	17.0	+0.7	15	20	-2	8	-3	59	7	0	12	12
TOR	340	16	15	00	0	0	—	16.7	+0.7	16	21	-1	7	-3	42	3	0		11
HURGHADA	280	12		00	0	0	—	16.8		14	18		10		67	8	0	dr.	
QUSEIR	330	19	15	02	0	0	—	16.2	+0.9	17	19	-5	14	-1	52	7	0	0	4
PORT SUDAN	340	11	30	02	2	8	Cu,Cs	12.5		20	25		17		56	11	0	34	93
WADI HALFA	360	9	30	02	1	2	Cs	18.4		11	23		7		51	1	0	tr.	
ABU HAMAD	20	24	10	03	1	7				15	27		13		20	-8	0		
KAREIMA	360	16	30	02	1	3	Cs	15.2		13	27		10		21	-9	0	3	1
'ATBARA	360	9	10	02	0	1	Ci	12.3		17	31		14		24	-4	0	7	2
KHARTUM	360	9	30	01	1	2	Cs	12.6		17	32		15		26	-3	0	10	4
KASSALA	20	9	30	00	0	0	—	9.0		22	36		16		61	14	0	2	8
WAD MEDANI	310	13	35	00	0	0	—	13.0		18	36		13		17	-8	0	11	12
RENK	50	9	50	00	0	0	—	14.0		19	37		15		19	5	0	0	49
ROSEIRES	310	5	35	01	0	2	Ac			23					47	11	0	2	36
EL OBEID	360	13	10	00	0	0	—	13.2		17	33		14			-10	0	0	16
EL FASHER	20	9	30	00	0	1	Cs			16	32		11		19	-8	0	0	6
GENEINA	50	14	10	01	0	5	Cs			17	34		15		16	-9	0		4
MALAKAL	20	17	30	03	1	4	Ci	8.6		24	38		21		15	-5	0	69	88
WAU	210	4	30	02	1	8	Ac,Cs	7.5		25	39		21		21	1	0	261	149
JUBA	360	5	30	02	1	8	Ac	5.6		28	40		22		33	10	0	129	159

HUMIDITY % Mean of day

Station	on 26th	Diff. from normal
Alexandria	59	-6
Ezbekiya	62	+1
Giza	64	-2
Helwan	62	+13

GIZA GRASS MINIMUM TEMP.

ON 27th 0.0 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

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

Remarks

RAWINSONDE

FAROUK AIRPORT — On 27th At 3

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	145	7	88		
950					
900					
850	1474	0	51		
800					
700	3009	-7			
600					
500	5538	-25			
400					
300	7062	-48			

AIRPORT — On At

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

UPPER WIND OBSERVATIONS on 26th

Station					Fouad A.P.				Minya																	
Time					15				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	19			350	13																
600					320	18			320	16																
1000					320	20			310	17																
1500									320	21																
2000									320	24																
3000									320	22																
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 27th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada			
Time	5				5						7		3		3 45		5 .5		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	360	4			330	43					320	10	360	24	350	22	330	9	340	10	320	21		
600	360	4			330	24					340	20	360	52	360	21	350	20	360	25	320	25		
1000	360	5			330	25					340	31	360	32	360	20	350	22	360	29	330	21		
1500											340	29	360	65	340	22	10	21	350	10				
2000													360	49			350	14						
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	5		5		5		5 30		5				4 30		4		4				4 45		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	30	20	360	18	30	7	30	16	10	21							190	3						
600	40	20	10	25	40	14	40	20	10	32			10	21	360	12	30	13					40	42
1000	40	16	10	33	10	28			10	27			30	25	360	18	10	16	360	23	360	14		
1500	30	17	10	33	10				10	21			360	13	20	26	80	9	20	36	10	2	40	25
2000	30	20	350	29									310	11	360	27	70	5	40	18	330	9	90	3
3000	350	35	360	27					310	15			220	10	320	20	270	3					180	3
4000	20	16													290	9							60	13
5000	10	18																						
6000																								
7000																								
8000																								

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

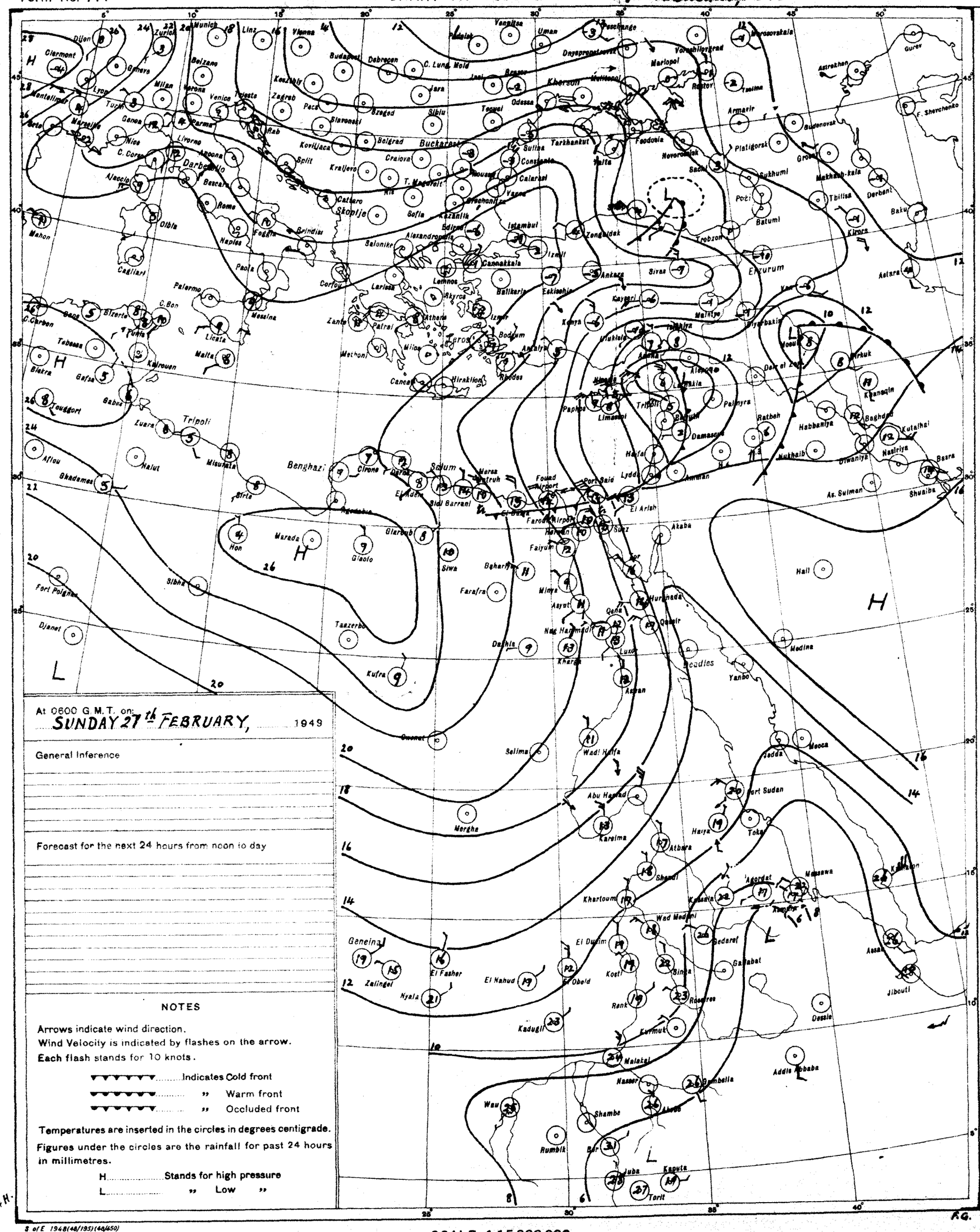
Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

F.G.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 27th FEBRUARY, 1949


Munich
Linz
Vienna
Budapest
Debrecen
C. Lung. Mold
Kherson
Odessa
Mariopol
Rostov
Astrakhan
Gurev
Tbilisa
Derbent
Baku
Batumi
Trebzon
Erzurum
Ankara
Sivas
Istanbul
Zonguldak
Sofia
Belgrad
Buckarest
Craiova
Constanta
Tarkhankut
Feodosia
Sukhumi
Makhach-kala
Kirovs
Astara
Mahon
Cagliari
Palermo
Messina
Naples
Rome
Brindisi
Corfou
Salonika
Canneakkala
Lemnos
Athens
Patras
Zante
Malta
Tripoli
Benghazi
Tobruk
Alexandria
Port Said
Lydda
Damascus
Palmyra
Baghdad
Basra
Kutalhai
Nasiriya
Habbaniya
Diwaniya
Nukhaib
Ratbah
Aden
Hon
Marada
Siwa
Bahariya
Farafra
Minya
Asyut
Luxor
Aswan
Kharga
Faiyum
Suez
Akaba
Medina
Yanbo
Jedda
Mecca
Port Sudan
Tokar
Massawa
Asmara
Jibouti
Addis Ababa
Dessie
Gondar
Khartoum
Wad Medani
Sennar
Kosti
Kadugli
Kurmuk
Malakal
Nasser
Bombella
Wau
Shambe
Rumbik
Juba
Kapoeta
Torit
Geneina
Zalingei
Nyala
El Fasher
El Nahud
El Obeid
El Dueim
Gedaref
Galabat
Asmara
Aden
Hail
Qaisir
Qena
Nag Hammadi
Kharga
Dakhla
Kufra
Tazerbo
Sebha
Fort Polignac
Djanet
Ghadames
Nalut
Misurata
Zuara
Tripoli
Gabes
Biskra
Tebessa
Kairouan
Tunis
Bizerte
C. Bon
C. Carbon
Bona
Cagliari
Ajaccio
Nice
Marseille
Lyon
Turin
Genoa
Milan
Venice
Trieste
Zagreb
Split
Kraljevo
Nis
Sofia
Salonika
Brindisi
Foggia
Bari
Ancona
Livorno
Parma
Bologna
Belzano
Zurich
Dijon
Clermont
Gerona
Mentelimar
Berlin
Hamburg
Copenhagen
Stockholm
Oslo
Helsinki
Leningrad
Moscow
Kiev
Kharkov
Rostov
Tbilisi
Baku
Astrakhan
Gurev
Tashkent
Alma Ata
Tashkent
Tehran
Baghdad
Basra
Kuwait
Bahrein
Muscat
Karachi
Quetta
Lahore
Delhi
Calcutta
Rangoon
Bangkok
Saigon
Hong Kong
Canton
Shanghai
Tientsin
Peking
Mukden
Harbin
Vladivostok
Khabarovsk
Irkutsk
Omsk
Novosibirsk
Tomsk
Yakutsk
Magadan
Petropavlovsk
Tokyo
Osaka
Fukuoka
Taipeh
Manila
Bangkok
Calcutta
Delhi
Karachi
Quetta
Lahore
Tashkent
Alma Ata
Tehran
Baghdad
Basra
Kuwait
Bahrein
Muscat
Aden
Hail
Medina
Mecca
Jedda
Port Sudan
Tokar
Massawa
Asmara
Jibouti
Addis Ababa
Dessie
Gondar
Khartoum
Wad Medani
Sennar
Kosti
Kadugli
Kurmuk
Malakal
Nasser
Bombella
Wau
Shambe
Rumbik
Juba
Kapoeta
Torit
Geneina
Zalingei
Nyala
El Fasher
El Nahud
El Obeid
El Dueim
Gedaref
Galabat
Asmara
Aden
Hail
Qaisir
Qena
Nag Hammadi
Kharga
Dakhla
Kufra
Tazerbo
Sebha
Fort Polignac
Djanet
Ghadames
Nalut
Misurata
Zuara
Tripoli
Gabes
Biskra
Tebessa
Kairouan
Tunis
Bizerte
C. Bon
C. Carbon
Bona
Cagliari
Ajaccio
Nice
Marseille
Lyon
Turin
Genoa
Milan
Venice
Trieste
Zagreb
Split
Kraljevo
Nis
Sofia
Salonika
Brindisi
Foggia
Bari
Ancona
Livorno
Parma
Bologna
Belzano
Zurich
Dijon
Clermont
Gerona
Mentelimar
Berlin
Hamburg
Copenhagen
Stockholm
Oslo
Helsinki
Leningrad
Moscow
Kiev
Kharkov
Rostov
Tbilisi
Baku
Astrakhan
Gurev
Tashkent
Alma Ata

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 No 7 F.

DAILY WEATHER REPORT

Date : MONDAY 28th FEBRUARY, 1949

At 1200 on 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	40	9	7	02	2	5	F.Sc	22.3	16	18	10
	62303	SÎDI BARÂNI	20	3	50	02	1	3	Cu	22.8	16	59	8
	62306	MATRÛH											
	62309	EL DABÂ	320	16		01	1	0	—	22.0	15	52	5
		ALEXANDRIA	310	11	50	01	2	3	Sc.Cu	20.6	14	48	3
	62318	FOUAD (Airport)	330	21	14	02	0	1	Cu	20.6	15	42	2
	62330	DAMIETTA	340	24	15	02	1	3	Cu	19.1	13	67	7
	62333	PORT SA'ÎD	360	26	14	02	1	3	Sc		13	55	4
	62336	EL 'ARISH	320	30	3	09	3	4	Cu	18.0	14	55	5
LOWER EGYPT	62339	DAMANHUR	40	19	15	01	1	0	—	20.6	15	68	9
	62342	MANSURA	320	13	35	03	2	6	Sc.Cu	19.8	16	42	3
	62348	TANTA	360	16	35	03	1	3	Cu	19.1	16	32	-1
	62354	ZAGAZIG	320	2	7	03	1	4	Ac	18.3	16	49	5
	62441	ISMA'ÎLÎA	360	13	3	03	2	6	Sc	18.7	16	42	3
CAIRO AREA	62366	FAROUK (Airport)	320		30	01	1	2	Sc	19.6	17	42	4
	62372	ALMÂZA											
		EZBEKÎYA	320	11	15	03	1	5	Sc	19.9	16	42	3
		GÎZA	320	11	15	03	1	5	Sc	19.8	17	33	1
	62378	HELWÂN	340	24	7	02	1	4	Sc	19.1	16	32	-1
UPPER EGYPT	62381	FAIYÛM	330	8	35	03	2	1	St	19.0	17	42	4
	62387	MINYA	10	16	12	01	0	1	Cu	19.0	20	30	2
	62393	ASYÛT MANQABÂD	360	13	30	00	0	1	Ci	17.5	19	24	-2
	62399	NAG' HAMMÂDI	360	5	35	00	0	0	-	15.9	21	26	1
	62402	QENA	270	2	50	00	0	0	-	14.8	24	32	6
	62405	LUXOR	340	17	30	00	0	0	-	14.4	22	16	-5
	62414	ASWÂN	340	8	50	00	0	0	-	15.2	21	31	3
OASES	62417	SÎWA	00	0	15	00	0	0	-	23.5	22	44	9
	62420	BAHARÎYA	360	4	35	02	0	1	Ac	20.4	19	23	-3
	62423	FARAFRA											
	62432	DAKHLA	360	17	50	00	0	2	Sc.Ci	19.1	18	52	8
	62435	KHARGA	20	8	35	00	0	0	-	18.3	17	30	1
RED SEA	62450	SUEZ	310	17	35	01	0	0	-	17.1	17	60	9
	62459	TÛR	310	20	15	00	0	0	—	15.0	19	46	7
	62462	HURGHÂDA	330	23		00	1	0	-	15.5	17	60	9
	62465	QUSEIR	360	17	15	02	0	0	-	15.5	20	43	7
	62641	PORT SÛDÂN											
NORTH SÛDÂN	62600	WÂDI HALFA											
	62640	ABU HAMAD											
	62660	KAREIMA											
	62680	'ATBARA											
	62721	KHARTÛM											
	62730	KASSALA											
CENTRAL SÛDÂN	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID											
	62760	EL FÂSHER											
	62770	GENEINA											
S. SÛDÂN	62840	MALAKÂL											
	62880	WÂU											
	62941	JUBA											

At 1800 on SUNDAY 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	20	4	7	03	2	1	Cu,Sc	22.2	14	67	8	0
SÎDI BARÂNI	110	1	35	01	1	0	—	22.7	12	88	10	0
MATRÛH	40	3	12	00	0	0	—	23.1	12	63	5	0
EL DABÂ	320	9		01	1	0	—		14	55	5	0
ALEXANDRIA	360	9	3	01	2	0	—	22.2	12	55	3	0
FOUAD (Airport)	320	7	18	01	0	0	—	20.9	11	63	4	0
DAMIETTA	340	9		01	0	1	Cu	21.2	11	51	1	0
PORT SA'ÎD	350	17	15	01	5	1	Sc	20.8	12	51	2	dr
EL 'ARISH	320	9	7	02	1	4	Cu		14	77	10	0
DAMANHUR	40	5	7	02	0	0	—	21.6	12	88	10	0
MANSURA	340	5	3	00	1	0	—	21.5	10	62	3	0
TANTA	220	2	35	02	1	0	—	21.3	9	62	2	0
ZAGAZIG	20	2	3	00	1	3	—	21.8	9	71	4	0
ISMA'ÎLÎA	20	2	3	02	0	0	—	18.6	11	77	7	0
FAROUK (Airport)	20	9	12	00	0	0	—	21.7	10	54	1	0
ALMÂZA												
EZBEKÎYA	360	2	15	00	2	0	—	21.9	11	63	4	0
GÎZA	360	2	15	00	2	0	—	21.5	11	59	2	0
HELWÂN	360	5	7	01	0	0	—	21.9	11	51	1	0
FAIYÛM	00	0	35	01	0	0	—	21.2	11	51	1	0
MINYA	10	9	8	00	0	0	—	20.9	12	47	1	0
ASYÛT MANQABÂD												
NAG' HAMMÂDI	290	1	7	00	0	0	—	17.6	13	55	4	0
QENA												
LUXOR	320	6	12	00	0	0	—	16.8	16	26	-4	0
ASWÂN	360	12	50	00	0	0	—	16.4	18	32	1	0
SÎWA	00	0	7	00	0	0	—	22.7	13	55	4	0
BAHARÎYA	360	3	35	02	0	0	—	22.0	13	44	1	0
FARAFRA	20	9	7	02	0	0	—	21.9	13	41	0	0
DAKHLA	270	3	35	00	0	0	—	20.0	16	42	3	0
KHARGA	360	9	15	00	0	0	—	19.8	12	41	-1	0
SUEZ	360	8	15	02	0	0	—	20.2	10	76	6	0
TÛR	310	33	15	00	0	0	—	16.8	16	49	5	0
HURGHÂDA	320	19		00	0	0	—	16.8	16	53	6	0
QUSEIR	360	24	15	02	0	0	—	16.0	18	52	8	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on MONDAY 28th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	250	6	7	01	0	0	—	22.6		11	17		7		82	8	0		
SÎDI BARÂNI	200	11	50	02	0	3	Sc,Cu	22.7		10	16		6		76	6	0	235	
MATRÛH	240	11	14	03	1	7	Sc	23.4		2	16		4		88	6	0		
EL DABÂ	220	10		01	1	4	Cu	23.1		11	16		5		77	7	0	142	
ALEXANDRIA	360	8	50	02	2	6	Sc,Cu	24.0	+7.3	14	16	-4	12	0	48	3	0	245	170
FOUAD (Airport)	310	7	15	03	1	7	Cb	23.1		14	16		10		55	5	0	240	132
DAMIETTA	320	5		02	0	1	Cu	23.0	+6.7	9	15		2		71	4	0	283	92
PORT SA'ÎD	240	13	14	01	0	2	Sc	22.9		10	15		9		62	3	dr.	52	
EL 'ARISH	220	9	7	03	2	6	Cu	21.4	+4.5	11	15	-5	8	-1	67	5	0		70
DAMANHUR	270	5	3	03	1	3	Cu	23.8	+7.4	9	17	-4	6	-3	71	4	0	88	24
MANSURA	220	2	35	00	0	0	—	23.4	+7.0	7	17	-5	3	-5	71	2	0	37	40
TANTA	220	2	35	02	0	0	—	24.2	+7.4	7	16	-6	2	-5	71	2	0	24	32
ZAGAZIG	220	2	7	00	0	0	—	24.2	+7.3	7	18	-4	4	-3	88	5	0	15	21
ISMA'ÎLÎA	180	2	3	01	1	3	Sc	24.0		8	16		4		58	0	0	11	
FAROUK (Airport)	00	0	12	03	1	2	St	23.9		9	17		5		62	2	0		
ALMÂZA	160	3	14	00	0	0	—	23.9		10			3		47	-1	0		
EZBEKÎYA	180	2	15	00	0	0	—	24.4	+7.4	9	18	-5	6	-3	47	-2	0	8	18
GÎZA	180	2	15	00	0	0	—	24.0	+6.9	10	17	-5	3	-4	52	0	0	14	18
HELWÂN	00	0	7	00	2	0	—	24.4	+7.2	8	16	-5	4	-6	46	-3	0	15	19
FAIYÛM	00	0	35	02	0	0	—	24.8	+8.0	9	18	-5	4	-4	62	2	0	4	6
MINYA	00	0	8	10	0	0	—	24.3		6	20		1		57	-2	0	4	
ASYÛT MANQABÂD	270	1	18	00	0	0	—	23.8		8	20		3		62	1	0		
NAG' HAMMÂDI	340	1	7	00	0	0	—	22.6	+5.8	9	22		3		62	2	0	0	
QENA	270	5	15	00	0	0	—	23.0	+7.0	10			5	-4	62	3	0	dr.	
LUXOR	00	0	30	00	0	0	—	21.3		12	22		6		38	-2	0	dr.	
ASWÂN	360	4	50	00	0	0	—	21.5	+4.8	11	22	-5	9	-3	63	4	0	dr.	
SÎWA	00	0	15	00	0	0	—	23.9	+5.4	11	22	-1	4	-2	63	4	0	0	6
BAHARÎYA	00	0	35	02	0	0	—	24.3	+6.8	8	19	-4	3	-4	58	0	0	dr.	7
FARAFRA	00	0	35	02	0	0	—	24.4		6	20		1		66	0	0	dr.	
DAKHLA	00	0	35	00	0	0	—	23.9	+6.2	9	20	-6	7	-1	62	2	0	dr.	
KHARGA	20	4	35	00	0	0	—	23.4	+6.3	11	20	-6	6	-3	41	-2	0	0	
SUEZ	00	0	35	00	0	0	—	23.3	+7.0	6	19	-3	2	-9	71	1	0	12	12
TÛR	340	22	35	00	0	0	—	21.9	+6.0	12	21	-1	7	-3	55	3	0	0	11
HURGHADA	300	11		00	0	0	—	21.9		11	18		10		54	2	0	dr.	
QUSEIR	360	24	15	00	0	2	Cc	21.2	+6.0	14	21	-3	10	-5	55	5	0	0	4
PORT SÛDÂN	340	16	30	01	0	1	Cu	17.0		21	26		15		47	9	0	34	93
WÂDI HALFA	10	8	30	00	0	0	—	21.0		11	23		7		44	-1	0	tr.	
ABU HAMAD	20	9	30	00	0	0	—	17.9		13	25		10		48	2	0		
KAREIMA	20	10	30	00	0	0	—	17.8		13	27		10		34	-3	0	3	1
'ATBARA	360	9	10	02	0	1	0	16.4		16	28		13		42	3	0	7	2
KHARTÛM	360	10	30	03	1	6	Ac	16.1		15	29		14		32	-2	0	10	4
KASSALA	90	2	30	01	0	1	Ci	12.7		22					53	12	0	2	8
WÂD MEDANI	50	14	50	01	1	3	Cc	14.7		18	33		12		52	-8	0	11	12
RENK	50	9	50	00	0	0	—	14.2		21	36		14		17	-5	0	0	49
ROSEIRES	360	14	35	00	0	0	—			21	38		17		35	5	0	2	36
EL OBEID	350	10	30	03	0	3	Ci	16.0		15	29		11		18	-9	0	0	16
EL FÂSHER	20	9	30	02	1	7	Ac			13	32				28	-2	0	0	6
GENEINA																			4
MALAKÂL	200	21	30	03	0	1	Ac	12.2		22	37		19		10	-11	0	69	28
WÂU	220	3	30	02	1	7	Cs	11.2		21	37		19		23	-1	0	261	149
JUBA	20	9	10	02	1	8	Ac, Cs	9.3		27	40		22		23	4	0	129	160

HUMIDITY

Mean of day %

Station	on 27th	Diff. from normal
Alexandria	44	-21
Ezbekîya	60	-1
Gîza	58	-7
Helwân	61	+12

GÎZA

GRASS MINIMUM TEMP.

ON 28th -2.0 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

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

Remarks

RAWINSONDE

FAROUK AIRPORT — On 28th At 4

Pressure mbs.	Height above M.S.L. METERS	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	170	7	66	180	2
950					
900					
850	1493	1	34	330	21
800					
700	3041	-5		330	23
600					
500	5800	-22		320	33
400					
300	7134	-48		320	82

AIRPORT — On At

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

UPPER WIND OBSERVATIONS on 27th

Height m.	Fouad A.P. Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Minya Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
Time	15						15																			
300	340	16					350	40																		
600	340	16					360	31																		
1000	330	15					360	38																		
1500	340	32					360	31																		
2000	320	33																								
3000																										
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 28th

Station	Sîdi Barâni Dir.	Vel.	Matrûh Dir.	Vel.	Fouad Airport Dir.	Vel.	Port Sa'îd Dir.	Vel.	El 'Arîsh Dir.	Vel.	Helwân Dir.	Vel.	Minya Dir.	Vel.	Asyût Manqabâd Dir.	Vel.	Luxor Dir.	Vel.	Aswân Dir.	Vel.	Hurghada Dir.	Vel.	Dir.	Vel.
Time	5				3						7		4		9		6		5					
300	260	16			330	11					210	2	30	10	10	15	340	6	10	6				
600	290	13			10	10					340	7	20	13	360	12	350	8	360	25				
1000	290	13			360	8							10	14	360	14	360	16	20	29				
1500					340	10							360	26	360	27	350	26	340	12				
2000													360	24	340	17	320	18	350	6				
3000															50	14	300	9						
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa Dir.	Vel.	Bahariya Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Wâdi Halfa Dir.	Vel.	Abû Hamad Dir.	Vel.	Kareima Dir.	Vel.	Khartûm Dir.	Vel.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fâsher Dir.	Vel.	Malakâl Dir.	Vel.
Time	5		5		5		5												4	30	4	45		
300	190	8	40	9	320	6	10	18																
600	280	5	10	14	340	5	20	20																
1000	300	10	340	22	360	3													10	21	30	11		
1500	310	9	340	34	130	5													20	31	50	20		
2000	320	10																	40	29				
3000	340	10																			20	9		
4000	290	10																						
5000	270	18																						
6000	270																							
7000																								
8000																								

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

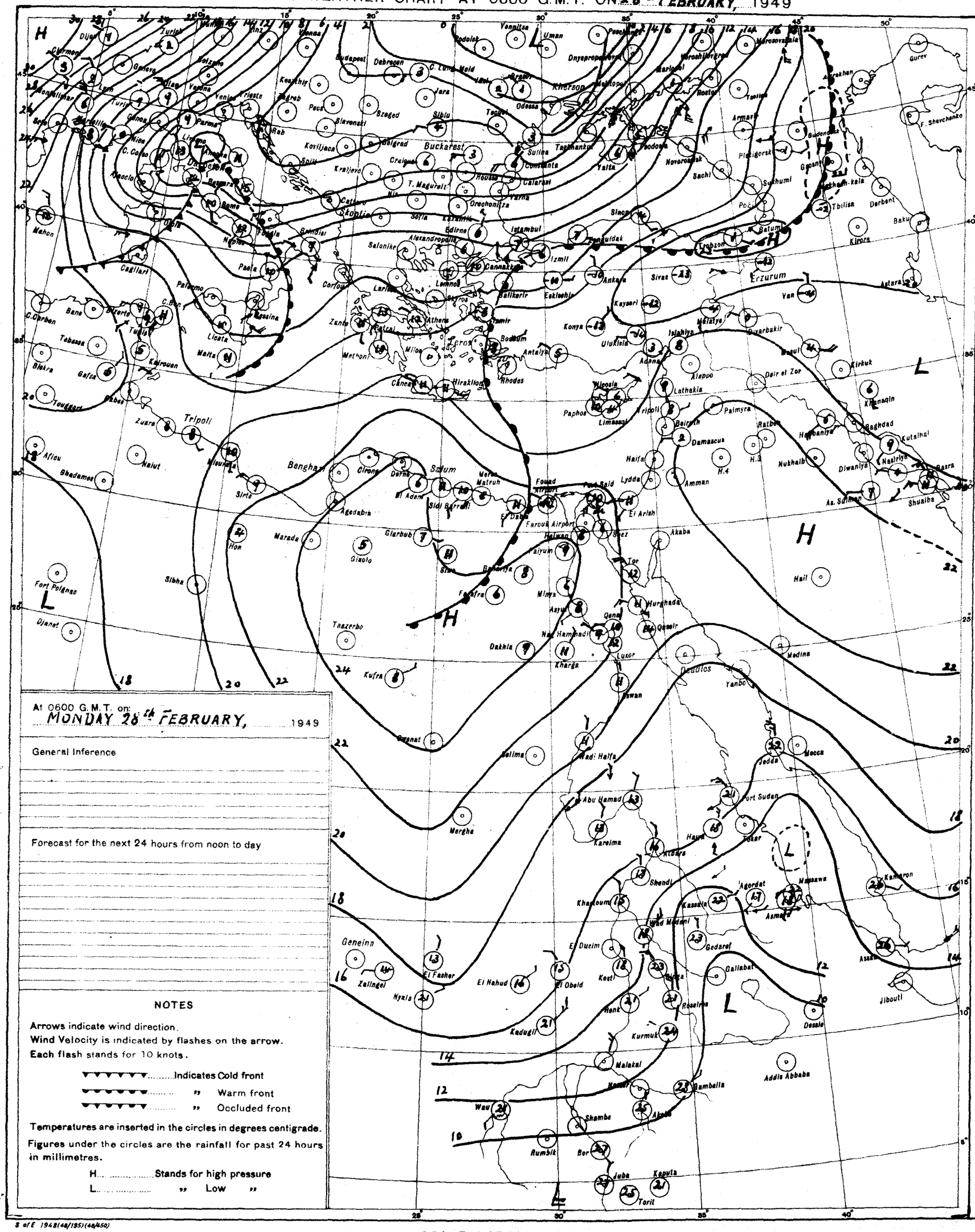
Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

F.G.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 28th FEBRUARY, 1949


Buckarest
Tripoli
Benghazi
Salum
Erzurum
Khartoum
Geneina
Addis Abbaba
Jibouti
Dessie
Port Sudan
Jedda
Mecca
Medina
Baghdad
Basra
Damascus
Amman
Haifa
Aleppo
Kirkuk
Tbilisa
Baku
Batum
Trebzon
Istambul
Ankara
Sivas
Van
Odessa
Kherson
Rostov
Sochi
Sukhumi
Yalta
Constanta
Salonike
Athens
Malta
Palermo
Cagliari
Mahon
Algiers
Tunis
Tripoli
Benghazi
Cairo
Luxor
Khartoum
Kassala
Gedaref
Gallabat
Asmara
Massawa
Kamaron
Aden
Berbera
Mogadishu
Kampala
Juba
Kaputa
Torit
Rumbik
Bor
Shambe
Akobo
Wau
Malakal
Kosti
El Obeid
El Fasher
Nyala
Zalingei
Geneina
Kadugli
Kurmuk
Roseires
Gedaref
Shendi
Wad Medani
Kareima
Abu Hamad
Wadi Halfa
Aswan
Qena
Luxor
Kharga
Dakhla
Kufra
Sebha
Murzuk
Ghat
Tamanrasset
Biskra
Tebessa
Gafsa
Tougourt
Bône
Constantine
Tunis
Sfax
Gabes
Zuara
Nalut
Sirte
Misurata
Benghazi
Derna
Tobruk
Marsa Matruh
Alexandria
Port Said
Ismailia
Suez
Tor
Hurghada
Qena
Aswan
Faiyum
Minya
Asyut
Farouk Airport
Helwan
Ed Dabaa
Sidi Barrani
El Adem
Agedabia
Marada
Hon
Giarbub
Giaoto
Taouerbo
Djanet
Fort Polignac
Ghadames
Afiou
Bekra
Tebessa
Kairouan
Malta
Licata
Messina
Palermo
Paola
Naples
Rome
Cagliari
Mahon
Algiers
Oran
Tunis
Bône
Constantine
Sfax
Gabes
Tripoli
Benghazi
Cairo
Luxor
Khartoum
Kassala
Gedaref
Gallabat
Asmara
Massawa
Kamaron
Aden
Berbera
Mogadishu
Kampala
Juba
Kaputa
Torit
Rumbik
Bor
Shambe
Akobo
Wau
Malakal
Kosti
El Obeid
El Fasher
Nyala
Zalingei
Geneina
Kadugli
Kurmuk
Roseires
Gedaref
Shendi
Wad Medani
Kareima
Abu Hamad
Wadi Halfa
Aswan
Qena
Luxor
Kharga
Dakhla
Kufra
Sebha
Murzuk
Ghat
Tamanrasset
Biskra
Tebessa
Gafsa
Tougourt
Bône
Constantine
Tunis

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 No 7 F.

DAILY WEATHER REPORT

Date : TUESDAY 1st MARCH , 1949

Area	Index Number	Station	At 1200 on 28-2 Wind Direction	Wind Velocity in Knots	Visibility 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 MONDAY 28-2 Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
MEDITERRANEAN	62300	SALUM	40	9	7	02	0	0	–	20.8	18	52	8	180	4	7	02	0	0	–	20.7	14	77	10	0
	62303	SIDI BARANI	290	6	50	01	0	0	–	21.6	17	52	7	110	4	35	01	0	0	–	21.2	12	77	8	0
	62306	MATRUH	340	10	14	02	1	3	St	22.2	17	52	7	00	0	12	00	0	0	–	22.3	12	77	8	0
	62309	EL DABA	270	6		01	1	6	St		16	68	10	270	9		01	1	3	Cb		14	67	8	0
		ALEXANDRIA	360	10	50	02	2	5	Cu.Sc	22.7	17	52	7	00	0	3	01	0	0	–	22.2	13	77	9	0
	62318	FOUAD (Airport)	270	10	18	03	2	4	Sc	22.6	16	52	6	60	3	12	02	1	5	Sc	22.4	11	82	8	0
	62330	DAMIETTA	340	5	15	03	2	6	Cu	22.6	15	59	7	250	2		01	0	1	Sc	22.7	11	67	7	0
	62333	PORT SAID	230	4	18	03	0	5	Sc	22.8	15	48	4	120	2	14	01	1	1	Sc	22.8	12	77	6	0
	62336	EL 'ARISH	320	13	35	01	0	1	Cu	21.4	14	67	8	00	0	7	01	0	0	–	22.4	12	59	4	0
LOWER EGYPT	62339	DAMANHUR	310	9	15	02	1	3	Cu	23.5	15	68	9	360	5	7	01	0	0	–	23.5	12	77	8	0
	62342	MANSURA	360	5	35	03	2	6	Sc.Cu	22.8	17	42	4	320	5	3	00	1	0	–	23.1	12	63	5	0
	62348	TANTA	310	5	35	03	1	6	Cu	22.8	17	42	4	00	0	35	01	1	3	Cu	23.9	12	77	8	0
	62354	ZAGAZIG	220	2	7	03	1	4	Ac	22.3	16	49	5	320	2	3	00	1	0	–	23.3	12	77	8	0
	62441	ISMAILIA	270	2	7	02	1	4	Sc	22.8	17	42	4												
CAIRO AREA	62366	FAROUK (Airport)	320	8	15	03	1	2	Cu	22.9	16	49	5	40	6	12	00	0	0	–	23.0	13	65	4	0
	62372	ALMAZA																							
		EZBEKIYA	290	1	15	03	0	1	Cu	23.0	17	42	4	00	0	15	00	0	0	–	23.0	12	63	5	0
		GIZA	290	1	15	03	0	1	Cu	22.7	18	41	4	00	0	15	00	0	0	–	22.7	14	67	5	0
	62378	HELWAN	340	5	15	02	0	0	–	22.6	16	32	-1	340	5	15	02	0	0	–	22.7	13	38	-1	0
UPPER EGYPT	62381	FAIYUM	00	0	35	02	0	0	–	22.8	16	42	3	00	0	35	02	0	0	–	22.6	13	55	4	0
	62387	MINYA	10	12	14	00	0	0	–	22.1	18	32	1	00	0	10	00	0	0	–	22.3	10	62	3	0
	62393	ASYUT MANQABAD	340	7	30	00	0	0	–	21.0	18	22	-4												
	62399	NAG' HAMMADI	270	3	15	00	0	0	–	19.9	19	37	4	340	1	15	00	0	0	–	20.3	13	55	4	0
	62402	QENA	240	5	50	00	0	0	–	20.2	21	33	4	270	5	7	00	0	0	–	20.3	14	55	5	0
	62405	LUXOR	340	4	30	00	0	0	–	19.3	20	19	-4	00	0	15	00	0	0	–	19.5	14	27	-5	0
	62414	ASWAN	340	7	50	00	0	0	–	19.0	20	23	-2	360	8	50	00	0	0	–	19.6	17	34	1	0
OASES	62417	SIWA	00	0	15	00	0	0	–	23.1	21	57	12	00	0	7	00	0	0	–	22.1	13	55	4	0
	62420	BAHARIYA	360	2	35	02	0	0	–	22.7	18	46	6	00	0	35	02	0	0	–	22.4	13	55	4	0
	62423	FARAFRA																							
	62432	DAKHLA	320	9	50	00	0	0	–	20.8	20	41	6	00	0	35	00	0	0	–	21.0	16	42	3	0
	62435	KHARGA	20	4	35	00	0	0	–	20.2	19	21	-4	00	0	15	00	0	0	–	22.0	15	30	-3	0
RED SEA	62450	SUEZ	00	0	35	02	0	0	–	22.0	16	32	-1	00	0	15	02	0	0	–	22.2	11	63	4	0
	62459	TOR	340	9	35	00	0	0	–	20.2	17	52	7	340	3	15	00	0	0	–		15	59	7	0
	62462	HURGHADA	340	15		00	0	0	–	19.9	16	59	8	320	12		00	0	0	–	20.0	16	59	8	0
	62465	QUSEIR	360	13	15	02	0	0	–	19.2	18	49	7	360	13	15	02	0	0	–	19.6	16	59	8	0
	62641	PORT SUDAN	50	7	10	01	0	1	Cu	15.1	25	41	13												
NORTH SUDAN	62600	WADI HALFA	50	10	18	00	0	0	–	17.5	21	21	-2												
	62640	ABU HAMAD	20	5		00	0	0	–	14.2	26	21	2												
	62660	KAREIMA	20	12	30	00	0	0	–	14.9	26	11	-7												
	62680	ATBARA																							
	62721	KHARTUM																							
	62730	KASSALA	20	9	30	03	1	4	Ac	8.7	32	21	7												
CENTRAL SUDAN	62751	WAD MEDANI	360	5	35	02	1	7		10			-6												
	62801	RENK	50	9	50	00	0	0	–	9.3	33	14	2												
	62802	ROSEIRES	310	5	35	00	0	0	–		36	18	8												
	62771	EL OBEID	50	12	30	02	1	3	Cu	10.7	28	8	-10												
	62760	EL FASHER																							
	62770	GENEINA																							
S. SUDAN	62840	MALAKAL	30	13	6	03	0	2	St				-9												
	62880	WAU																							
	62941	JUBA	90	5	30	03	1	8			30	35	13												

Area	Index Number	Station	At 0600 on TUESDAY 1st Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.	Station
MEDITERRANEAN	62300	SALUM											21									SALUM
	62303	SIDI BARANI	160	11	50	03	1	7	Ac	19.0		10	18		6		76	6	0	235		SIDI BARANI
	62306	MATRUH	230	20	12	03	1	5	Sc	21.2		11	18		7		63	4	0			MATRUH
	62309	EL DABA	180	10		01	1	1	Sc, Cu			14			5		88	12	0	142		EL DABA
		ALEXANDRIA	180	10	50	03	2	5	Cu, Sc	21.8	+5.2	11	18	-2	10	-2	77	7	0	245	171	ALEXANDRIA
	62318	FOUAD (Airport)	150	7	18	03	1	4	Ac	23.1		10	17		7		76	6	0	240	133	FOUAD (Airport)
	62330	DAMIETTA	140	5		05	0	0	–	23.3	+7.0	13	17		8		77	9	0	283	92	DAMIETTA
	62333	PORT SAID	180	6	13	02	0	5	Sc	22.0		13	17		9		67	7	0	52		PORT SAID
	62336	EL 'ARISH	180	5	35	03	2	5	Cu	23.1	+6.3	11	17	-3	5	-4	77	7	0		72	EL 'ARISH
LOWER EGYPT	62339	DAMANHUR	230	9	7	01	1	3	Cu	23.4	+7.0	10	19	-3	7	-2	76	6	0	88	84	DAMANHUR
	62342	MANSURA	110	2	35	02	1	4	Ac	23.3	+6.9	9	18	-4	6	-2	71	4	0	37	41	MANSURA
	62348	TANTA	00	0	35	02	1	3	Cu	23.8	+7.0	11	18	-4	6	-1	63	4	0	24	33	TANTA
	62354	ZAGAZIG	140	2	7	03	1	4	Ac	23.3	+6.5	11	19	-3	7	0	63	4	0	15	22	ZAGAZIG
	62441	ISMAILIA	90	2	3	01	1	3	Sc	23.5		12			7		55	3	0	11		ISMAILIA
CAIRO AREA	62366	FAROUK (Airport)	110	6	12	02	0	1	Sc	22.9		11	18		9		47	0	0			FAROUK (Airport)
	62372	ALMAZA																				ALMAZA
		EZBEKIYA	90	2	15	00	0	0	–	23.3	+6.3	12	18	-5	6	-3	77	8	0	8	19	EZBEKIYA
		GIZA	90	2	15	00	0	0	–	23.0	+5.9	12	19	-3	3	-4	55	3	0	14	19	GIZA
	62378	HELWAN	00	0	3	02	0	0	–	23.1	+6.0	9	17	-5	7	-3	71	4	0	15	20	HELWAN
UPPER EGYPT	62381	FAIYUM	00	0	35	02	0	0	–	23.4	+6.7	10	19	-5	6	-2	62	3	0	4	7	FAIYUM
	62387	MINYA	00	0	5	10	0	0	–	22.7		7	18		2		87	5	0	4		MINYA
	62393	ASYUT MANQABAD	00	0	18	00	0	0	–	22.5		9	20		5		62	2	0	0		ASYUT MANQABAD
	62399	NAG' HAMMADI	290	1	7	00	0	0	–	22.2	+5.5	10	21		2		62	3	0	0		NAG' HAMMADI
	62402	QENA	360	5	15	00	0	0	–	22.8	+7.0	10	23	-5	6	-3	76	6	0	dr.		QENA
	62405	LUXOR	00	0	20	00	0	0	–	22.3		11	22		3		44	-1	0	dr.		LUXOR
	62414	ASWAN	20	6	50	00	0	0	–	21.6	+5.1	11	21	-7	8	-5	51	1	0	dr.		ASWAN
OASES	62417	SIWA	00	0	15	00	0	0	–	21.5	+3.0	10	23	0	5	-1	50	0	0	0	6	SIWA
	62420	BAHARIYA	00	0	35	02	0	0	–	22.7	+5.3	9	19	-5	3	-5	47	-2	0	dr.	7	BAHARIYA
	62423	FARAFRA																		dr.		FARAFRA
	62432	DAKHLA	00	0	35	00	0	0	–	21.9	+4.4	7	20	-6	3	-5	57	-1	0	dr.		DAKHLA
	62435	KHARGA	00	0	35	00	0	0	–	22.6	+5.7	10	20	-7	4	-5	50	0	0	0		KHARGA
RED SEA	62450	SUEZ	00	0	35	00	0	0	–	22.6	+6.4	10	17	-5	5	-6	62	3	0	12	12	SUEZ
	62459	TOR	20	4	35	00	0	0	–	22.4	+6.6	12	18	-4	4	-7	55	3	0	0	12	TOR
	62462	HURGHADA	270	9		00	0	0	–	21.6		12	17		6		44	0	0	dr.		HURGHADA
	62465	QUSEIR	310	13	15	02	0	0	–	21.5	+6.4	16	19	-5	12	-4	42	3	0	0	4	QUSEIR
	62641	PORT SUDAN	350	15	30	01	1	3	Sc	18.3		20	26		15		56	11	0	34	94	PORT SUDAN
NORTH SUDAN	62600	WADI HALFA	20	10	30	00	0	0	–	21.1		9	22		4		32	-7	0	tr.		WADI HALFA
	62640	ABU HAMAD	50	5	30	00	0	0	–	17.8		15	27		10		32	-2	0			ABU HAMAD
	62660	KAREIMA	20	6	30	00	0	0	–	18.1		14	27		10		32	-3	0	3	1	KAREIMA
	62680	ATBARA	340	5	10	00	0	0	–	16.4		16	28		12		45	4	0	7	2	'ATBARA
	62721	KHARTUM	20	5	30	02	0	0	–	15.1		17	30		13		28	-2	0	10	4	KHARTUM
	62730	KASSALA	230	2	30	00	0	0	–	13.4		19	35		15		49	8	0	2	8	KASSALA
CENTRAL SUDAN	62751	WAD MEDANI	50	9	50	00	0	0	–	14.0		19	32		15		28	0	0	11	12	WAD MEDANI
	62801	RENK	50	9	50	00	0	0	–	14.2		21	33		12		23	-1	0	0	49	RENK
	62802	ROSEIRES	310	9	35	00	0	0	–			20	36		16		49	9	0	2	37	ROSEIRES
	62771	EL OBEID	360	7	30	00	0	0	–	15.8		15	29		11		23	-6	0	0	16	EL OBEID
	62760	EL FASHER	360	7	30	00	0	0	–			12	29		9		33	-4	0	0	6	EL FASHER
	62770	GENEINA	50	13	30	00	0	0	–			15	31		13		17	-10	0		4	GENEINA
S. SUDAN	62840	MALAKAL	20	16	30	00	0	0	–	11.5		23	35		20		12	-8	0	69	88	MALAKAL
	62880	WAU	00	0	30	00	0	0	–	11.4		21	36		19		25	0	0	261	150	WAU
	62941	JUBA	00	0	10	04	1	4	Cu	9.5		23	34		19		34	6	0	129	161	JUBA

HUMIDITY %

Mean of day

STATION	On 28-2	Diff. from normal
Alexandria	55	-10
Ezbekiya	54	-7
Giza	49	-16
Helwan	48	-1

GIZA

GRASS MINIMUM TEMP.
ON 1st -1.6 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On At

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

Remarks

RAWINSONDE — FAROUK AIRPORT — On 1st At 3

Pressure mbs	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	176	7	80	120	9
950					
900					
850	1504	3	44	10	5
800					
700	3052	-5		280	22
600					
500	5601	-21		290	32
400		-35			
300	7139	-48			

RAWINSONDE — AIRPORT — On At

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

UPPER WIND OBSERVATIONS on 28-2

Station	Fouad A.P.																									
Time	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	280	4																								
600	270	3																								
1000	270	4																								
1500	320	6																								
2000	340	10																								
3000																										
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 1st

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada	
Time	5				6								3		9 15		5 30				8	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	190	24			160	11							340	19			20	5			320	11
600	200	23			190	6							40	15	10	3	30	7			310	5
1000	200	18											30	26	10	6	20	5			110	5
1500	240	12											10	38	220	3	290	7			270	1
2000	270	18													290	7	50	4			220	2
3000															280	19	300	16			270	7
4000																						
5000																						
6000																						
7000																						
8000																						

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	5		5 30				5		4		4		4 30		4				4		4 45		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	160	26	110	10			20	9	10	10														
600	130	23	110	7			30	16	30	17	50	20	40	24	20	22							20	24
1000	160	17	300	5			20	14	30	14	50	23	70	20	30	30			30	28	30	14	30	22
1500	200	10	330	10			360	5	40	8	10	9	50	12	40	11			50	23	50	10	50	16
2000	250	21	280	10			350	6	350	5	330	15	360	18	10	9			30	7				
3000	270	23	310	10					360	4	320	15	340	19	350	7			330	7	50	6		
4000	270	34							330	19			320	18	350	4								
5000									330	21			270	26										
6000									300	31			240	16										
7000									300	27														
8000																								

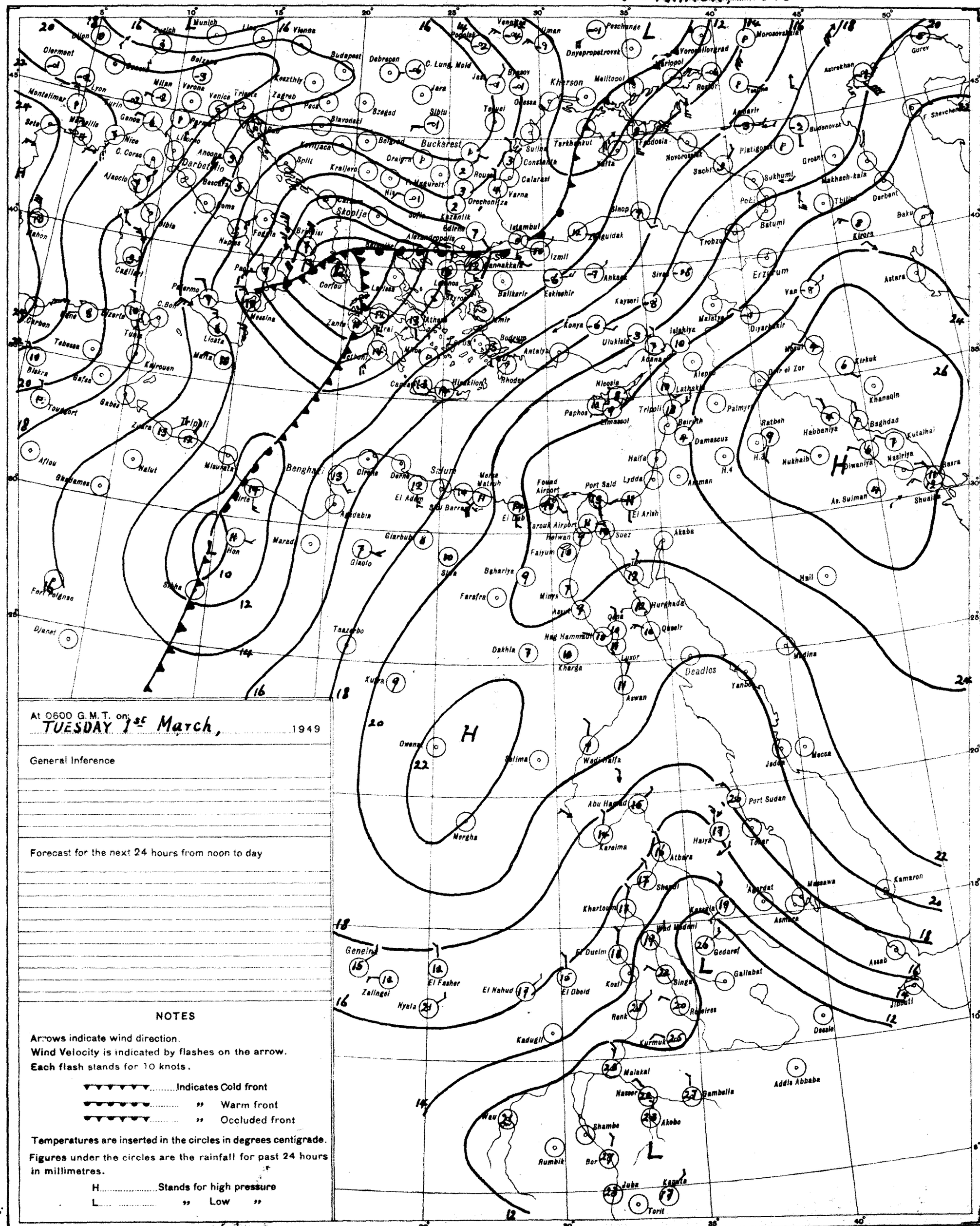
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 1st MARCH, 1949


Munich
Vienna
Budapest
Debrecen
C. Lung. Mold
Kherson
Melitopol
Dnyepropetrovsk
Peschange
Rostov
Astrakhan
Gurev
Clermont
Montelimar
Marseille
Nice
C. Corse
Milan
Venice
Trieste
Zagreb
Szeged
Sibiu
Jassy
Odessa
Tarkhankut
Feodosia
Kerch
Novorossiysk
Sochi
Sukhumi
Batumi
Tbilisi
Baku
Derbent
Makhach-kala
Groznyi
Budenovsk
Ajaccio
Bastia
Rome
Naples
Palermo
Cagliari
Tunis
Bizerte
Tebessa
Biskra
Gafsa
Kairouan
Tripoli
Benghazi
Misurata
Sirte
Marsa Matruh
Alexandria
Port Said
Suez
Akaba
Haifa
Lydda
Amman
Damascus
Beirut
Latakia
Aleppo
Nicosia
Paphos
Tripoli
Palmyr
Ratbah
Habbaniya
Baghdad
Kutaibai
Nasiriya
Basra
Shuaiba
As. Sulman
Kirkuk
Khanaqin
Diyarbakir
Erzurum
Van
Astara
Kirovo
Trabzon
Sinop
Samsun
Ankara
Eskisehir
Konya
Adana
Iskenderun
Malatya
Istanbul
Izmit
Edirne
Kazanlik
Varna
Constanta
Bucharest
Craiova
Belgrad
Skoplje
Sofia
Salonika
Athens
Corfu
Brindisi
Bari
Foggia
Bologna
Milan
Zurich
Lyon
Marseille
Bordeaux
Lisbon
Madrid
Malta
Lampedusa
Pantelleria
Cairo
Port Sudan
Khartoum
Wadi Halfa
Abu Hamad
Kareima
Atbara
Shendi
Kassala
Gedaref
Gallabat
Asmara
Massawa
Kamaron
Assab
Djibouti
Dessie
Addis Abbaba
Gambella
Malakal
Nasser
Akobo
Bor
Rumbik
Wau
Juba
Kapoeta
Torit
Kadugli
Kurmuk
Renk
Roseires
Singa
Kosti
El Obeid
El Nahud
El Fasher
Zalingei
Nyala
Geneina
El Dueim
Khartoum
Omdurman
Wad Medani
Port Sudan
Tokar
Haiya
Atbara
Merowe
Dongola
Wadi Halfa
Aswan
Luxor
Qena
Hurghada
Qoseir
Kharga
Dakhla
Farafra
Bahariya
Faiyum
Minya
Asyut
Helwan
Mersa Matruh
El Alamein
Siwa
Giarabub
Jaghbub
Tobruk
Derna
El Adem
Sidi Barrani
Marsa Matruh
Hon
Sirte
Misurata
Nalut
Ghadames
Fort Polignac
Djanet
Tamanrasset
Tessalit
Gao
Timbuktu
Bamako
Dakar
Freetown
Monrovia
Accra
Lagos
Kano
Maiduguri
Fort Lamy
Abeche
Nouakchott
Tindouf
Colomb Bechar
Algiers
Oran
Tunis
Bizerte
Tebessa
Biskra
Gafsa
Kairouan
Tripoli
Zuara
Tunis
Bizerte
Tebessa
Biskra
Gafsa
Kairouan
Tripoli
Zuara
Aflou
Nalut
Ghadames
Misurata
Sirte
Marad
Hon
Sirte
Giaoto
Giarabub
Jaghbub
Siwa
Bahariya
Farafra
Mimya
Asyut
Tsazerbo
Dakhla
Kufra
Owenat
Mergha
Salima
Wadi Halfa
Abu Hamad
Kareima
Atbara
Shendi
Khartoum
Omdurman
Wad Medani
Kassala
Gedaref
Gallabat
Asmara
Massawa
Kamaron
Assab
Djibouti
Dessie
Addis Abbaba
Gambella
Malakal
Nasser
Akobo
Bor
Rumbik
Wau
Juba
Kapoeta
Torit
Kadugli
Kurmuk
Renk
Roseires
Singa
Kosti
El Obeid
El Nahud
El Fasher
Zalingei
Nyala
Geneina
El Dueim
Khartoum
Wad Medani
Port Said
Suez
Akaba
Haifa
Lydda
Amman
Damascus
Beirut
Latakia
Aleppo
Nicosia
Paphos
Tripoli
Palmyr
Ratbah
Habbaniya
Baghdad
Kutaibai
Nasiriya
Basra
Shuaiba
As. Sulman
Kirkuk
Khanaqin
Diyarbakir
Erzurum
Van
Astara
Kirovo
Trabzon
Sinop
Samsun
Ankara
Eskisehir
Konya
Adana
Iskenderun
Malatya
Istanbul
Izmit
Edirne
Kazanlik
Varna
Constanta
Bucharest
Craiova
Belgrad
Skoplje
Sofia
Salonika
Athens
Corfu
Brindisi
Bari
Foggia
Bologna
Milan
Zurich
Lyon
Marseille
Bordeaux
Lisbon
Madrid
Malta
Lampedusa
Pantelleria
Cairo

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 No 7 F.

DAILY WEATHER REPORT

Date: WEDNESDAY 2nd MARCH, 1949

At 1200 on Tues. 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	180	12	7	01	2	6	Ac.Ci	14.8	22	29	3
	62303	SIDI BARÂNI	180	22	50	03	2	8	Ci	15.0	22	29	3
	62306	MATRÛH	230	26	15	03	1	5	Cs	17.5	20	24	-1
	62309	EL DABA	140	15		01	1	3	Cu		21	33	4
		ALEXANDRIA	00	0	50	03	2	6	Cu.Ci	18.3	19	37	4
	62318	FOUAD (Airport)	140	8	18	02	0	2	Ci	18.9	20	33	3
	62330	DAMIETTA	140	5	15	00	0	0	–	19.6	17	60	9
	62333	PORT SAÏD	90	14	15	02	1	1	Sc	19.8	17	49	6
	62336	EL 'ARISH	20	9	35	01	0	0	–	20.6	17	64	10
Lower Egypt	62339	DAMANHUR	90	9	15	02	1	3	Ci	19.4	20	46	8
	62342	MANSURA	40	5	35	00	1	0	–	19.5	21	41	7
	62345	TANTA	00	0	35	02	1	0	–	19.9	20	46	8
	62354	ZAGAZIG	140	2	15	00	0	0	–	19.1	19	37	4
	62441	ISMAÏLIA	160	2	7	02	1	3	As	19.2	21	33	4
Cairo Area	62366	FAROUK (Airport)	70	4	30	00	0	0	–	19.0	20	30	2
	62372	EL MAZA	360	6	30	00	0	0	–	18.7	20	17	-6
		EZBEKIYA	20	4	35	00	0	0	–	18.7	21	26	1
		GIZA	20	4	35	00	0	0	–	18.2	21	21	-2
	62379	HELWÂN	70	2	50	01	0	0	–	19.6	20	17	-6
Upper Egypt	62381	FAYOUM	00	0	35	02	0	0	–	19.0	20	24	-1
	62387	MINYA	00	0	14	00	0	0	–	19.0	21	31	3
	62393	ASSIUT											
	62399	NAG' HAMMADI	70	1	15	00	0	6	As	17.6	22	29	3
	62402	QENA	270	5	50	03	1	3	Ci	18.2	23	24	1
	62405	LUXOR	330	3	30	03	1	4		17.5	22	19	-3
	62414	ASWAN	320	2	50	00	0	0	–	16.7	24	17	-3
Oases	62417	SIWA	90	12	15	00	0	0	–	17.5	21	50	10
	62420	BAHARIYA	180	2	35	02	0	0	–	18.4	21	26	1
	62423	FARAFRA											
	62430	DAKHLA	140	5	50	00	0	0	–	17.4	22	29	3
	62438	KHARGA	00	0	35	00	0	0	–	18.3	22	21	-1
Red Sea	62450	SUEZ	00	0	35	03	0	1	Cu	18.3	19	30	1
	62459	TOR	340	5	35	00	0	0	–		19	52	5
	62462	HURGHADA	20	8		00	0	0	–	18.9	19	56	10
	62465	QUSEIR	20	9	15	02	0	0	–	19.2	20	73	15
	62641	PORT SUDAN	30	18	10	07	1	1	Cu	15.4	24	65	17
North Sudan	62600	WÂDI HALFA	350	12	30	00	0	0	–	17.4	23	14	-6
	62640	ABU HAMAD	50	1	30	00	0	0	–	13.1	27	23	4
	62660	KAREIMA	20	9	30	00	0	0	–	13.8	29	11	-4
	62680	ATBARA	360	5	30	00	0	0	–	10.9	29	14	-1
	62771	KHARTUM	50	9	30	02	0	0	–	10.2	30	21	5
	62780	KASSALA	50	9	30	00	0	0	–	7.5	33	23	9
Central Sudan	62791	WÂD MEDANI											
	62800	RENK	50	9	50	00	0	0	–	10.4	31	24	8
	62807	ROSEIRES	360	5	35	00	0	0	–		35	22	10
	62771	EL OBEID	40	9	30	00	0	0	–	9.8	29	10	-6
	62780	EL FASHER	90	10	30	00	0	0	–		28	6	-13
	62770	GENEINA	50	13	30	00	0	0	–		31	9	-6
S. Sudan	62840	MALAKAL	20	12	30	00	0	0	–	5.5	34	11	-1
	62880	WAU	00	0	30	00	0	0	–	6.3	34	9	-4
	62941	JUBA	50	5	30	01	0	1	Ci	3.6	37	18	9

At 1800 on Tues. 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	170	6	7	03	2	6	Fs,Fc	11.8	18	52	8	0
SIDI BARÂNI												
MATRÛH												
EL DABA	180	10		01	1	0	–		17	60	9	0
ALEXANDRIA	130	10	3	01	2	0	–	16.2	14	67	8	0
FOUAD (Airport)	140	5	14	01	2	3	Ci	16.6	12	77	8	0
DAMIETTA	140	5		02	0	0	–	17.9	14	77	10	0
PORT SAÏD	70	14	12	01	0	1	Ci	17.9	14	67	8	0
EL 'ARISH												
DAMANHUR	130	9	7	01	0	0	–	17.4	15	59	7	0
MANSURA	20	5	3	00	0	0	–	18.0	13	77	9	0
TANTA												
ZAGAZIG	20	2	3	00	0	0	–	17.0	15	48	4	0
ISMAÏLIA	40	5	3	01	0	0	–	17.1	16	49	5	0
FAROUK (Airport)	360	4	12	00	0	0	–	17.4	16	42	3	0
EL MAZA												
EZBEKIYA	00	0	15	00	0	0	–	16.7	14	55	5	0
GIZA	00	0	15	00	0	0	–	17.1	14	56	5	0
HELWÂN	00	0	15	01	0	0	–	18.2	16	42	3	0
FAYOUM	00	0	15	12	4	0	–	16.8	14	63	7	0
MINYA	00	0	10	00	0	0	–	17.5	16	34	0	0
ASSIUT												
NAG' HAMMADI	00	0	7	00	0	3	As	17.4	14	55	5	0
QENA	270	5	7	02	1	3	Ci	17.5	15	48	4	0
LUXOR	00	0	12	00	0	0	–	17.2	16	32	-1	0
ASWAN	00	0	50	00	0	0	–	17.1	21	21	-2	0
SIWA	00	0	7	00	0	0	–	17.6	14	48	3	0
BAHARIYA												
FARAFRA	130	9	7	02	0	0	–	17.6	15	36	0	0
DAKHLA	140	3	35	00	0	0	–		20	30	2	0
KHARGA	00	0	15	00	0	0	–	18.6	18	26	-2	0
SUEZ	00	0	15	00	1	5	Cu	12.4	-3.8	17		
TOR	310	4	15	00	0	0	–		14	67	8	0
HURGHADA	00	0		00	0	0	–	18.2	14	67	8	0
QUSEIR	360	15	7	02	0	0	–	18.6	18	73	13	0
PORT SUDAN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTUM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on WEDNESDAY 2nd

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Bar. Pressure Diff. from normal mbs	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM											23						0		
SIDI BARÂNI	220	10	50	01	2	0	–	5.4		12			6		55	3	0	235	
MATRÛH																	0		
EL DABA	180	14		01	1	0	–										0	142	
ALEXANDRIA											20	0					0	245	171
FOUAD (Airport)	180	17	15	02	1	5	Ac	8.8		12	20		10		59	4	0	240	133
DAMIETTA	140	5		03	2	7	Sc	11.9	-4.3	15	18		10		68	9	0	283	92
PORT SAÏD	150	11	15	14	1	5	Ac	12.3		13	17		12		72	8	0	52	63
EL 'ARISH			15	03	1	7	Cb	13.4		14					55	5	0		72
DAMANHUR											21	-1					0	88	84
MANSURA											22	0						37	41
TANTA																		24	33
ZAGAZIG	140	2	7	03	1	8	Ac	11.9	-4.9	11	20	-2	9	+2	63	4	0	15	22
ISMAÏLIA											22							11	
FAROUK (Airport)	180	32	.01	32	3	1	Ac	10.7		20	22		11		26	0	0		
EL MAZA	180	21	0.3	36	3	1	Ac	10.3		20			8		13	-10	0		
EZBEKIYA	180	9	15	01	0	1	Cu	11.5	-5.1	17	22	-1	9	0	22	-6	0	8	19
GIZA	180	9	15	01	0	1	Cu	12.0	-5.0	17	22	0	7	0	29	-1	0	14	19
HELWÂN	160	13	15	00	1	3	St,Cu	12.0	-5.0	18	23	+1	13	+3	12	-12	0	15	20
FAYOUM											23	-1						4	7
MINYA	180	10	8	02	1	8	Sc,Ci	13.3		12	22		9		41	-1	0	4	
ASSIUT																		0	
NAG' HAMMADI	140	20	3	00	0	2	As	15.8	-0.8	12	24		5		55	3	0	0	
QENA											24	-4						dr.	
LUXOR	00	0	30	00	0	0	–	16.1		13	23		6		63	-6	0	dr.	
ASWAN	00	0	50	01	1	3	Sc,Cu	16.4		14	26	-2	10	-3	42	1	0	dr.	
SIWA	140	18	15	00	0	0	–	11.0	-7.5	17	21	-2	9	+2	34	1	0	0	7
BAHARIYA	220	8	15	02	0	0	–	11.9	-5.5	19			9	+1	16	-8	0	dr.	7
FARAFRA	290	6	7	02	2	8	As	13.3		17	25		9		32	0	0	dr.	
DAKHLA	140	6	35	00	0	0	–	14.3	-3.1	12	24	-2	6	-2	33	-4	0	dr.	
KHARGA	00	0	35	00	0	0	–	16.2	-0.7	13	23	-4	6	-3	41	0	0	0	
SUEZ	00	0	15	00	1	5	Cu	12.4	-3.8	17			11	0	39	3	0	12	12
TOR	130	9	15	00	0	0	–	15.0	-0.7	17			8	-3	34	1	0	0	12
HURGHADA	180	5		00	0	0	–	15.6		16	20	-4	8		49	5	0	0	
QUSEIR											20	-4						0	4
PORT SUDAN	320	9	10	03	2	5	Sc,Cu,Ac	15.1		22	25		15		38	7	0	34	94
WÂDI HALFA	340	5	30	03	1	6	Ci	16.1		11	25		8		38	-3	0	tr.	
ABU HAMAD																			
KAREIMA	40	2	30	00	0	0	–	14.0		15	29		11		25	-5	0	3	1
ATBARA	360	2	10	03	0	0	–	13.8		17	30		12		37	2	0	7	2
KHARTUM	20	9	30	02	0	1	Ci	12.8		19	32		14		28	0	0	10	4
KASSALA	200	2	30	00	0	0	–	11.5		19	33		10		64	12	0	2	8
WÂD MEDANI	50	5	50	00	0	0	–	12.0		18	34		12		37	3	0	11	12
RENK	00	0	50	00	0	0	–	12.3		22	31		13		31	4	0	0	49
ROSEIRES	340	5	35	00	0	0	–			20	36		15		49	9	0	2	37
EL OBEID	20	9	30	03	0	3	Ci	11.3		19	31		11		24	-2	0	0	16
EL FASHER	10	2	50	00	0	2	Ci			13	30		7		21	-9	0	0	6
GENEINA	50	11	30	00	1	1	Cs			17	33		12		11	-13	0	–	4
MALAKAL	20	13	30	00	0	0	–	10.3		24	36				15	-5	0	69	88
WAU	00	0	30	01	1	6	Ac,Ci	9.8		23	37		21		20	-1	0	261	151
JUBA																		129	162

UPPER AIR OBSERVATIONS

Meteorological Station

Meteorological Assistant

RAWINSONDE

STATION 1st

Alexandria		
Ezbekiya	61	0
Giza	51	-14
Helwân	50	+1

GIZA

GRASS MINIMUM TEMP. ON 2nd 2.5 °C

Remarks

FAROUK AIRPORT

On 2nd At 4

Height Above Sea Level Metres	Temp. °C	Dew Point °C	Wind Dir.	Wind Vel.
1000	103	12	33	150 4
950				
900				
850	1466	11		230 46
800				
700	3057	0		250 47
600				
500	5654	-20		
400		-31		
300	7247	-49		

Remarks

AIRPORT

On At

Pressure mbs.	Height Above Sea Level Feet	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT

On At

Pressure mbs.	Height Above Sea Level Feet	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 1st

Station	Minya																											
Time	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.	Dir.	Vel.
300									190	9																		
600									160	8																		
1000									130	12																		
1500									190	9																		
2000									170	9																		
3000																												
4000																												
5000																												
6000																												
7000																												
8000																												

UPPER WIND OBSERVATIONS on 2ND

Station	SIDI BARANI		MATRUH		ROUAH AIRPORT		PORT SAID		EL 'ARISH		HELWAN		MINYA		ASSIUT MANQABAD		LUXOR		ASWAN		HURGHADA	
Time					3						6 45		3								8	
Height m	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300					120	10					180	16	160	7							30	10
600					130	10					200	31	170	10							30	10
1000					130	10					210	42	190	9							60	9
1500					140	13					230	50	200	10							140	15
2000					140	12															140	20
3000																					180	
4000																						
5000																						
6000																						
7000																						
8000																						

Station	SIWA		BAHARIYA		DAKHLA		KHARGA		WÂDI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
Time			5						5				4 30										4 30	
Height m	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			210	37					30	5														
600			210	60					50	9			50	12										
1000			250	43					50	5			60	33									20	23
1500			240	53					50	2			60	17										
2000									70	3			300	8									50	6
3000									30	7			50	8										
4000													30	5										
5000																								
6000																								
7000																								
8000																								

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

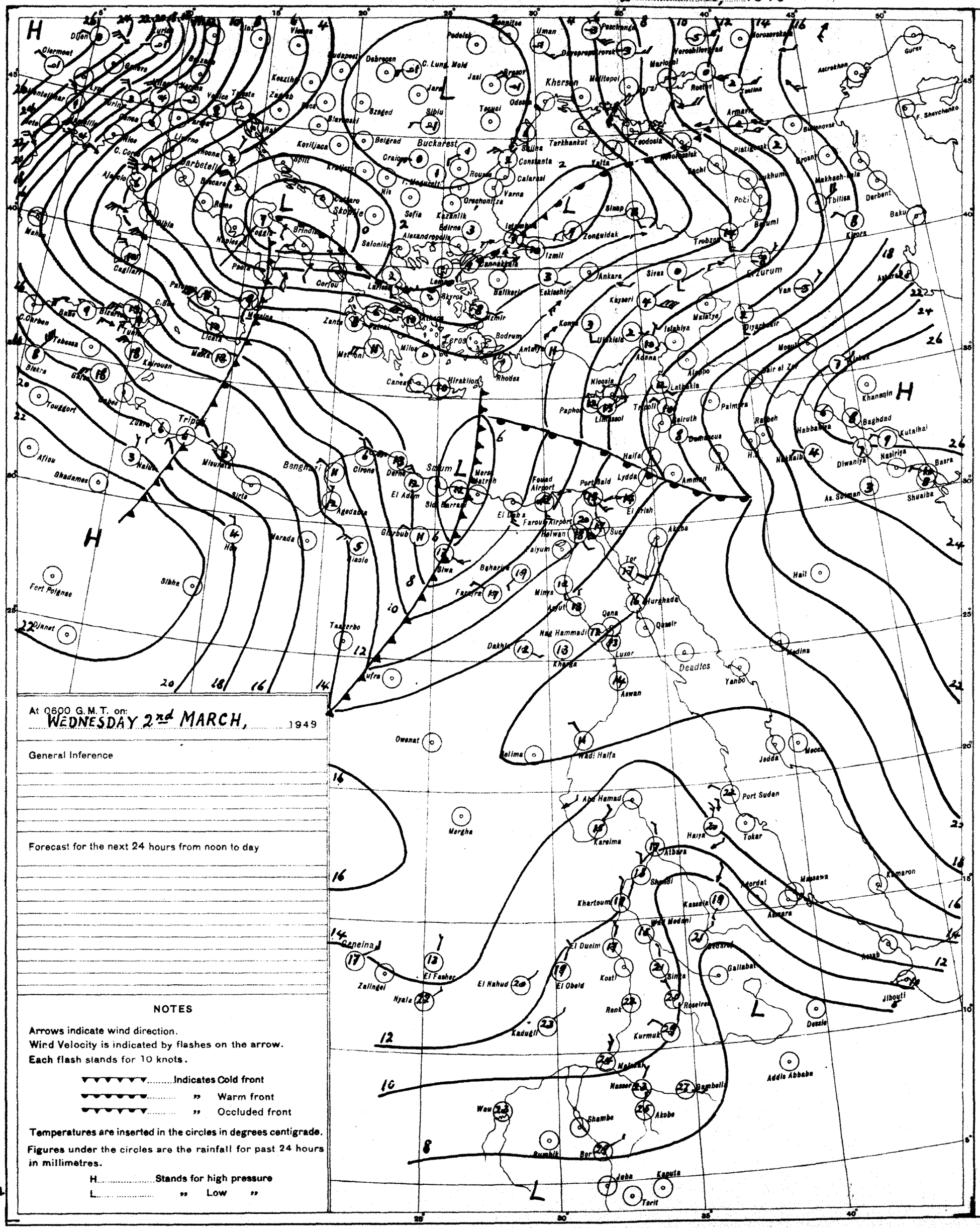
Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

F.G.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 2nd MARCH, 1949


Buckarest
Kherson
Tripoli
Benghazi
Sollum
Khartoum
Port Said
Jerusalem
Baghdad
Basra
Aswan
Port Sudan
Tokar
Addis Abbaba
Jibouti
Deadles
Erzurum
Ankara
Istanbul
Odessa
Tbilisa
Baku
Derbent
Khanaqin
Kutaihat
Nasiriya
Diwaniya
Shuaiba
As. Sulman
Habbaniya
Rutbah
Rafah
Lydda
Amman
Haifa
Beirut
Damascus
Palmyra
Aleppo
Latakia
Nicosia
Paphos
Tripoli
Adana
Mosul
Diyarbakir
Van
Sivas
Kayseri
Malatya
Trabzon
Batumi
Kirovs
Makhach-kala
Poti
Sinop
Zonguldak
Izmit
Eskisehir
Balikesir
Bodrum
Izmir
Rhodes
Heraklion
Canea
Athens
Salonika
Sofia
Belgrad
Bucharest
Constanta
Varna
Odessa
Kiev
Kharkov
Rostov
Mariupol
Taganrog
Sevastopol
Feodosia
Yalta
Simferopol
Dnepropetrovsk
Nikolaevsk
Astrakhan
Gurev
F. Shevchenko
Buzuluk
Armavir
Pitigorsk
Tuapse
Sukhumi
Kirovabad
Tashkent
Alexandropolis
Edirne
Lemnos
Skyros
Larissa
Corfou
Brindisi
Naples
Rome
Palermo
Cagliari
Tunis
Bizerta
Tebessa
Bône
Constantine
Biskra
Gabes
Kairouan
Touggort
Afiou
Ghadames
Nalut
Misurata
Sirte
Zuara
Tripoli
Benghazi
Cirene
Derna
El Adem
Sidi Barrani
Agedabia
Marsa Matruh
Fouad Airport
Port Said
Lydda
Amman
Haifa
Beirut
Damascus
Palmyra
Aleppo
Latakia
Nicosia
Paphos
Limassol

CAIRO
Time of Sunrise 20 20 G. M. T.
" " Sunset 15 55 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: Thursday 3rd March, 1949

At 1200 on Wed. 2nd

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALÛM	320	11	7	02	2	5	Cu,Sc	9.0	18	52	8
	62303	SÎDI BARÂNI	320	20	50	03	1	6	Cu	9.1	15	68	9
	62306	MATRÛH	350	26	10	03	2	8	Sc	7.3	16	68	10
	62309	EL DABA	340	20		01	0	0	–		18	60	10
		ALEXANDRIA			15	09	4	6	Sc,Fc	6.4	17	60	9
	62318	FOUAD (Airport)	300	23	1	31	3			6.3	24	24	2
	62330	DAMIETTA	200	9	7	02	2	8	As	6.6	24	32	6
	62332	PORT SA'ID	220	20	1.9	07	6			7.3	24	28	4
	62336	EL 'ARISH	140	5	35	02	2	7	Cb		26	25	4
Lower Egypt	62339	DAMANHUR	270	24	3	05	3	0	As	6.0	27	33	9
	62342	MANSURA	200	19	15	31	3	8	As	6.8	25	34	0
	62348	TANTA	180	16	1.9	02	2	7	St	6.5	25	23	5
	62354	ZAGAZIG	220	5	15	07	3	0	–	6.6	25	22	2
	62441	ISMA'ILIA	160	13	15	06	2	6	Sc	8.0	24	32	6
Cairo Area	62366	FAROUK (Airport)	200	36	.05	32	3			6.0	26	26	4
	62372	ALMÂZA											
		EZBEKÎYA	180	12	7	31	3	2	Cu	6.6	26	13	-5
		GÎZA	160	12	7	31	3	2	Cu	9.2	26	13	-4
	62378	HELWÂN	180	19	7	30	5	2	Ac	8.4	25	11	-8
Upper Egypt	62381	FAIYÛM	200	12	35	09	3	8	St	9.5	25	28	5
	62387	MINYA	200	12	10	02	2	7	Ac	10.7	24	21	0
	62393	ASYÛT MANQABAD	180	5	30	02	2	8	Cs	10.6	28	19	2
	62399	NAG' HAMMADI	90	1	7	02	0	5	Cu	12.2	29	23	6
	62402	QENA	110	5	35	03	1	3	Cu	12.6	27	27	6
	62405	LUXOR											
	62414	ASWÂN	220	3	50	03	1	3	Cu	11.2	30	11	-4
Oases	62417	SÎWA	270	8	15	00	0	0	–	12.2	23	7	-15
	62420	BAHARÎYA	270	11	15	02	2	6	Ac	10.3	26	7	-12
	62423	FARAFRA											
	62432	DAKHLA	180	6	35	03	1	5	Fc,Fs,Ac	10.4	29		
	62435	KHARGA	00	0	35	00	0	0	–	12.4	28	7	-11
Red Sea	62450	SUEZ	180	16	3	03	3	8	As	7.9	22	44	9
	62459	TOR											
	62462	HURGHADA	360	11		03	1	5	As	14.0	21	69	15
	62465	QUSEIR	90	13	15	03	1	7	Cs	13.9	22	83	19
	62641	PORT SUDÂN	60	11	10	02	1	1	As,Cu	11.9	25	79	21
North Sudan	62600	WÂDI HALFA											
	62640	ABU HAMAD	50	1	50	02	0	1	Cu	9.0	31	24	8
	62660	KAREIMA	20	6	30	00	0	0	–	9.4	32		
	62680	'ATBARA	20	5	30	00	0	0		5.9	32	17	3
	62721	KHARTÛM	50	8	30	02	0	0	–	7.1	32	17	4
	62780	KASSALA	250	5	30	02	0	0	–	4.0	36	19	9
Central Sudan	62751	WÂD MEDANI	20	5	35	00	0	0	–	5.4	33	13	1
	62801	RENK	50	5	50	00	0	0			31	24	8
	62802	ROSEIRES	360	5	35	00	0	0	–	–	35	22	10
	62771	EL OBEID	80	6	30	02	0	1	Cu	6.2	32	7	-9
	62760	EL FÂSHER	90	5	30	00	1	2	Cu	–	30	13	-1
	62770	GENEINA	50	4	30	01	2	5	Cu	–	33	7	-8
S. Sudan	62840	MALAKÂL	40	10	30	03	1	5	Cu,Cb	4.5	36	8	-3
	62880	WÂU	40	11	30	02	1	7	Cs	3.5	37	10	0
	62941	JUBA	50	9	30	03	1	5	Cu,Ac	2.8	38	29	17

At 1800 on Wed 2nd

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms.
SALÛM	320	4	15	01	0	0	–	10	13	67	7	0
SÎDI BARÂNI	320	5	25	01	1	0	–	11.1	14	55	5	0
MATRÛH	350	18	12	00	1	0	–	11.9	12	63	5	0
EL DABA				00	1	0	–		15			
ALEXANDRIA	320	19	7	03	2	5	Fc,Fs	10.3	15	77	11	0
FOUAD (Airport)	270	21	12	02	1	5	Sc	10.1	15	72	10	0
DAMIETTA	90	13		02	2	7	Sc	9.1	17	68	11	0
PORT SA'ID	260	13	6	05	0	0	–	9.3	13	52	8	dr
EL 'ARISH	00	0	7	01	0	3	Cu	8.6	18	60	10	
DAMANHUR	270	13	7	01	1	0	–	10.2	14	77	10	0
MANSURA	220	9	3	03	3	2	As	9.9	16	62	10	0
TANTA												
ZAGAZIG	220	2	3	00	3	0	–	10.4	13	52	8	0
ISMA'ILIA	200	5	3	06	2	8	Sc		19	52	9	0
FAROUK (Airport)	260	14	12	00	1	0	–	10.2	22	36	6	0
ALMÂZA												
EZBEKÎYA	320	5	15	01	0	4	Sc	10.4	20	33	3	0
GÎZA	320	5	15	01	0	4	Sc	10.6	19	20	2	0
HELWÂN	200	7	7	01	0	0	–	10.4	20	24	-1	dr
FAIYÛM	200	2	35	01	0	0	–	10.4	17	37	4	0
MINYA	170	5	8	01	2	3	Cu	10.8	18	37	3	0
ASYÛT MANQABAD												
NAG' HAMMADI	00	0	3	02	0	4	As	12.2	17	52	7	0
QENA	90	2	7	02	1	4	Cu	11.9	20	41	6	0
LUXOR	00	0	12	01	1	1	Cu	12.0	22	27	2	0
ASWÂN	00	0	50	02	1	6	Sc,Cu	12.2	26	18	0	0
SÎWA	00	0	7	00	0	0	–	12.8	17	42	6	0
BAHARÎYA	320	3	35	02	2	7	Ac	11.4	20	33	3	0
FARAFRA												
DAKHLA	00	0	35	01	0	3	Fc,Fs,Ac	9.6	23	24	1	0
KHARGA												
SUEZ												
TOR												
HURGHADA												
QUSEIR	180	13	15	01	0	0	–	13.6	21	74	16	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Thursday 3rd March

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	220	4	7	02	0	0	–	11.1		12	19		6		63	5	0		
SÎDI BARÂNI	220	8	50	03	0	1	Cc	11.1		9	16		6		71	4	0	235	
MATRÛH	270	11	18	00	0	6		12.1		11	18		6		71	6	0		
EL DABA	180	10				0		12.4								7		142	
ALEXANDRIA	270	6	50	10		3	Cu,Sc	12.4	-4.1	15	25	+5	12	0	59	7	0	245	171
FOUAD (Airport)	260	7	15	03	0	0	–	11.3		15	26		12		63	8	0	240	133
DAMIETTA	200	5	1.5	11	0	0	–	12.6	-3.6	12	25		7		47	1	0	283	92
PORT SA'ID	240	8	7	05	0	0	–	12.1		14	26		12		77	10	dr	52	
EL 'ARISH	00	0	7	01	0	2	Cu			15	28	+8				3			73
DAMANHUR	270	5		02	0	0	–	11.8	-4.6	11	23	+6			77	7	0	83	84
MANSURA	220	2	35	01		0	–	12.2	-4.1	12	25	+3	8	-1	77	8	0	37	41
TANTA																		24	33
ZAGAZIG	220	2	15	03	0	4	Ac	13.4	-3.3	13	25	+3	11	+3	88	11	0	15	22
ISMA'ILIA	180	2	3	02	2	5	As	13.0		14	26		12		79	10	0	11	
FAROUK (Airport)	70	3	12	02	1	4	Ac	12.7		13	26		12		88	11	0		
ALMÂZA	50	5	13	02	1	5	Sc,Ac	12.3	-4.6	14			11		67	8	0		
EZBEKÎYA	00	0	15	03	0	8	Sc	12.7	-4.2	14	26	+3	12	+3	67	8	0	8	19
GÎZA	00	0	15	03	0	8	Sc	12.8	-4.2	14	26	+3	8	+1	73	9	0	14	19
HELWÂN	00	0	7	00	2	8	As,Cu	12.4	-4.6	14	25	+3	11	+1	67	8	dr	15	20
FAIYÛM	20	5	35	02	2	8	St	12		13	26	+2	8	-1	77	9	0	4	7
MINYA	340	1	6	10	1	8	As	12.3		12	24		9		59	4	0	4	
ASYÛT MANQABAD	270	5	18	00	0	7	St	12.0		18			9		46	6	0	0	
NAG' HAMMADI	00	0	3	02	1	5	As,Cu	12.2	-4.4	18	29		9		52	8	0	0	
QENA	270	5	15	03	1	3	Cu	12.7	-3.0	16	27	-1	12	+2	49	5	0	dr	
LUXOR			30	00	0	1	Cu	11.9		19	29		13		37	4	0	dr	
ASWÂN											31	+3						dr	
SÎWA	00	0	15	00	0	0	–	13.5	-4.9	11	23	0	7	0	71	-6	0	0	7
BAHARÎYA	360	2	35	02	2	6	As	12.6	-4.8	13	27	+3	11	+3	77	9	0	dr	7
FARAFRA																		dr	
DAKHLA	00	0	15	02	0	8	Fc,Fs,Ac	10.0	-6.5	16	31	+5	11	+3	42	3	0	dr	
KHARGA																		0	
SUEZ	20	8	35	01	1	3	Cu,Ac						12				0	12	12
TOR																		0	12
HURGHADA																		dr	
QUSEIR	330	5	15	00	1	3	Ac	12.0	-2.9	22	23	-1	16	0	50	11	0	0	4
PORT SUDÂN	340	7	10	03	2	8	Sc	11.7		23	27		22		78	19	0	34	94
WÂDI HALFA	00	0	30	02	0	2	Cu	11.1		17	29		12		16	-9	0	6	
ABU HAMAD	00	0	30	00	0	0	–	9.9		20	33		13		30	2	0		
KAREIMA	30	1	30	00	0	0	–	10.0		18	33		13		30	0	0	3	1
'ATBARA	360	2	30	00	0	0	–	10.0		20	33		16		53	10	0	7	2
KHARTÛM	20	6	30	01	0	0	–	9.5		21	33		16		28	2	0	10	4
KASSALA	120	2	30	00	0	0	–	7.4		25	38		14		47	13	0	2	8
WÂD MEDANI	50	4	50	00	0	0	–	8.7		21	36		15					11	12
RENK	50	5	50	00	0	0	–	8.0		27	32		15		20	4	0	0	47
ROSEIRES	340	5	50	00	0	0	–			23	38		17		34	6	0	2	37
EL OBEID	20	6	30	00	0	0	–	7.5		21	33		14		13	-7	0	0	16
EL FÂSHER	340	5	30	00	0	0		–		14	33		9		12	-17	0	0	6
GENEINA	70	5	30	00	0	2	Cu	–		17	36		12		12	-12	0		4
MALAKÂL	50	9	30	00	0	0	–	8.2		28	37		22		10	-6	0	69	88
WÂU	00	0	30	00	1	2		6.3		25	38		21		28	5	0	261	151
JUBA	90	2	30	01	0	1	Ac	6.6		26	38		22		62	18	2	131	163

HUMIDITY % Mean of day

Station	on 2nd	Diff. from normal
Alexandria	64	-1
Ezbekiya	21	-40
Gîza	20	-45
Helwân	14	-34

GÎZA
GRASS MINIMUM TEMP.
ON 3rd 5.9 °C.

Remarks

UPPER AIR OBSERVATIONS

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

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

Remarks

RAWINSONDE

On ..... At ..... AIRPORT						On ..... At ..... AIRPORT						On ..... At ..... AIRPORT					
Pressure mbs.	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.	Pressure mbs.	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.	Pressure mbs.	Height above M.S.L. feet	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 2nd

Station	Asyut		Minya	
Time	15		15	
Height m.	Dir.	Vel.	Dir.	Vel.
300	140	16	160	21
600	190	14	180	20
1000			180	21
1500	250	22	180	21
2000	210	28		
3000	240	42		
4000				
5000				
6000				
7000				
8000				

UPPER WIND OBSERVATIONS on 3rd

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'id		El 'Arîsh		Helwân		Minya		Asyût Manqabad		Luxor		Aswân		Hurghada		Farouk A.P.	
Time	5				4						6 45		3				6						5	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	260	23			300	12					350	5	360	16			330	4					360	6
600	260	23			300	14					20	11	300	20			340	8					320	9
1000	270	18			310	13					270	5	290	14			210	4					280	10
1500	260	10			280	33					240	16	200	38			200	13					250	30
2000					240	33					240	29	190	20			240	14					240	43
3000					240	42					240												240	56
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time			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			50	9																				
600			60	11																				
1000			310	11																				
1500			250	22																				
2000			250	26																				
3000			250																					
4000																								
5000																								
6000																								
7000																								
8000																								

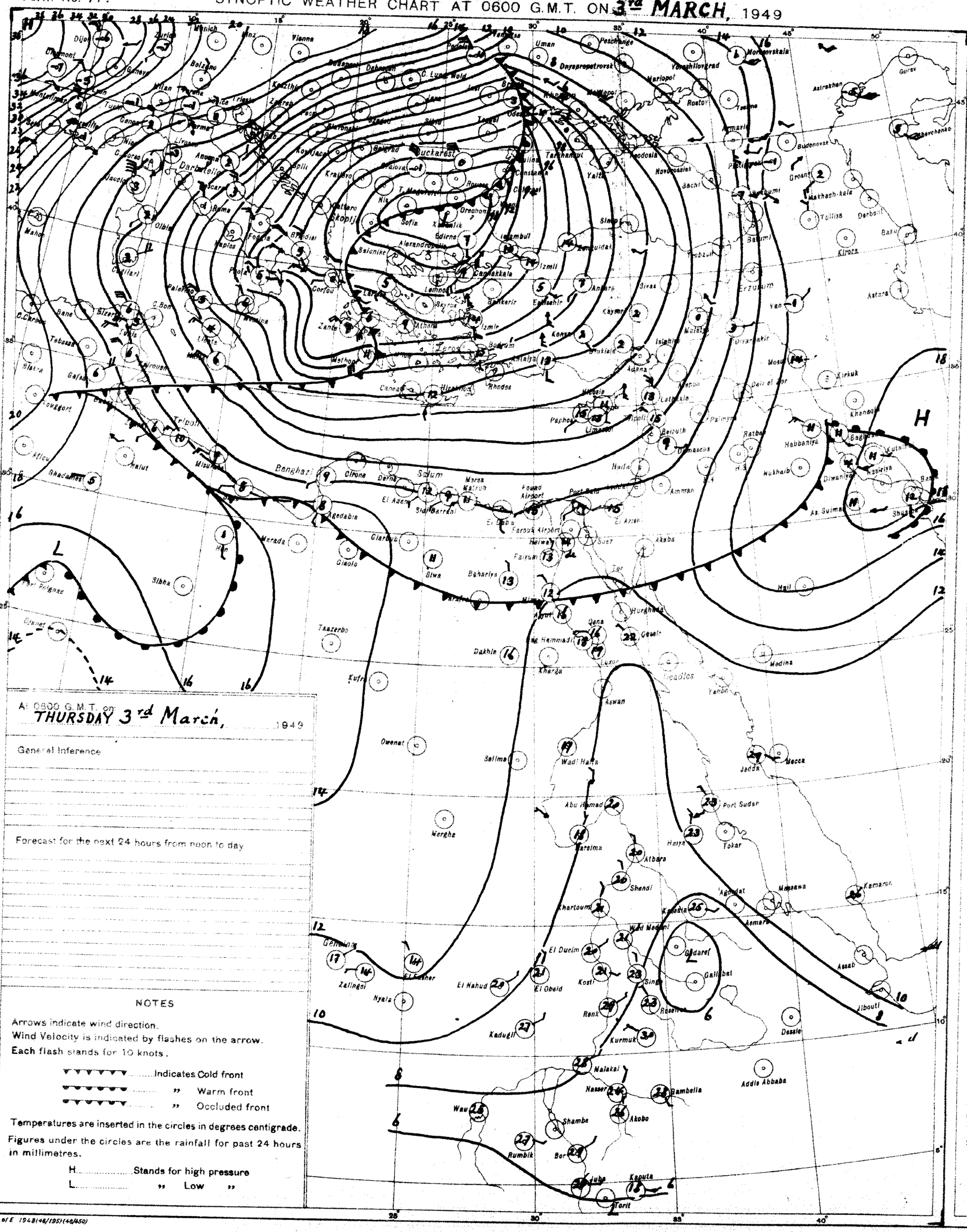
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 3rd MARCH, 1949


Bucharest
Sofia
Skopje
Istanbul
Ankara
Athens
Rhodes
Cairo
Benghazi
Tripoli
Khartoum
Addis Ababa
Asmara
Jeddah
Mecca
Port Sudan
Aden
Tbilisi
Baku
Tehran
Baghdad
Damascus
Beirut
Jerusalem
Amman
Kirkuk
Aswan
Luxor
Wadi Halfa
Malakal
Nairobi
Kampala
Mogadishu
Djibouti
Tobruk
Malta
Palermo
Naples
Rome
Vienna
Munich
Zurich
Geneva
Paris
Madrid
Lisbon
Algiers
Tunis
Cairo
Khartoum
Addis Ababa
Nairobi
Kampala
Mogadishu
Djibouti
Aden
Jerusalem
Amman
Damascus
Beirut
Baghdad
Tehran
Baku
Tbilisi
Kirkuk
Aswan
Luxor
Wadi Halfa
Malakal
Port Sudan
Jeddah
Mecca

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 No 7 F.

DAILY WEATHER REPORT

Date: FRIDAY 4th MARCH, 1949

At 1200 on THURS 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											
	62303	SÎDI BARÂNI											
	62306	MATRÛH											
	62309	EL DABA	270	11		01	0	0	—		20		1
		ALEXANDRIA	270	8	50	03	2	4	Cu.C	10.7	18	46	6
	62318	FOUAD (Airport)	270	8	18	02	0	1	Sc	10.9	19	35	3
	62330	DAMIETTA	270	5	15	03	2	7	Sc	11.1	17	60	9
	62333	PORT SA'ID	360	4	15	03	0	4	Ci	11.0	18	52	8
	62336	EL 'ARISH	360	5	35	02	0	2	Cu	11.4	18	73	13
Lower Egypt	62339	DAMANHUR	270	5	15	01	1	2	Cu	11.6	20?	68	9
	62342	MANSURA	140	5	35	03	2	6	Ac	11.0	20	46	8
	62348	TANTA	220	5	35	03	2	8	Cu	12.4	20	46	8
	62354	ZAGAZIG	140	2	15	00	1	0	—	11.4	20	56	11
	62441	ISMA'ILIA	140	2	3	02	2	8	As	11.2	20	46	8
Cairo Area	62366	FAROUK (Airport)	290	1	14	02	1	7	Cs	11.4	19	49	8
	62372	ALMAZA											
		EZBEKIYA	360	3	15	03	2	8	Cs	11.1	18	52	8
		GIZA	360	3	15	03	2	8	Cs	11.8	18	52	8
	62378	HELWÂN	300	8	15	02	2	8	As	11.0	19	37	4
Upper Egypt	62381	FAIYÛM	00	0	35	02	2	8	St	11.1	19	52	9
	62387	MINYA	360	5	8	02	2	8	As	11.5	20	43	7
	62393	ASYÛT MANQABAD	290	9	18	02	2	8	Cs	9.8	23	29	9
	62399	NAG' HAMMÂDI											
	62402	QENA	130	2	50	03	1	4	Ci	8.6	32	20	6
	62405	LUXOR	280	2	30	02	1	4	Ci	8.4	30	14	0
	62414	ASWÂN	320	2	50	07	1	3	Sc.Cu	7.4	32	15	2
Oases	62417	SÎWA	270	10	15	00	0	0	—	13.8	17	60	9
	62420	BAHARÎYA	360	2	35	20	5	8	Ac	11.9	18	52	8
	62423	FARAFRA											
	62432	DAKHLA											
	62435	KHARGA											
Red Sea	62450	SUEZ			35	03	2	8	As	11.0	19	46	7
	62459	TÛR											
	62462	HURGHÂDA											
	62465	QUSEIR	90	13	15	03	1	4	Ci	10.2	25	74	20
	62641	PORT SÛDÂN	70	9	10	01	2	7	Sc	8.1	27	70	21
North Sûdân	62600	WÂDI HALFA	340	1	30	02	0	1	Cc	6.1	33	6	-9
	62640	ABU HAMAD	70	2	50	00	0	0	—	4.8	33	23	9
	62660	KAREIMA	40	2	30	00	0	0	—	3.9	33	14	2
	62680	'ATBARA	50	5	30	00	0	0	—	3.5	34	19	7
	62721	KHARTÛM	270	1	30	02	0	0	—	3.2	35	27	13
	62780	KASSALA	00	0	30	00	0	0	—	0.6	38	21	12
Central Sûdân	62751	WÂD MEDANI	20	5	35	00	0	0	—	1.8	37	10	0
	62801	RENK	50	5	50	00	0	0	—	7.9	35	44	21
	62802	ROSEIRES	310	5	35	00	0	0	—		38	18	10
	62771	EL OBEID	10	2	30	00	0	0	—	2.5	34	8	-5
	62760	EL FÂSHER	50	2	30	00	0	0	—		33	14	2
	62770	GENEINA	70	4	30	00	0	0	—		35	6	-8
S. Sûdân	62840	MALAKÂL	360	4	30	02	2	8	Cs	1.8	37	8	-5
	62880	WÂU	310	2	30	02	1	5	Ac	0.3	39	7	8
	62941	JUBA	130	5	30	03	0	3	Ci	99.5	39	14	7

At 1800 on THURS 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	10	7	01	0	0	—	9.8	15	59	7	0
SÎDI BARÂNI	290	4	35	01	1	0	—	10.0	14		10	0
MATRÛH	180	5	12	00	0	0	—	10.5	12	78	7	0
EL DABA	270	9		01	0	0	—		17		4	0
ALEXANDRIA	90	6	3	01	2	0	—	12.4	17	42	4	0
FOUAD (Airport)	360	3	14	02	2	7	Ci	11.5	12	77	-8	0
DAMIETTA	340	5		02	2	8	Sc	11.9	14	88	12	0
PORT SA'ID	360	4	12	02	2	5	Ac	12.2	16	68	10	0
EL 'ARISH	360	5	7	01	0	0	—	12.2	15	88	13	0
DAMANHUR	270	5	7	02	0	0		11.6	15	68	9	0
MANSURA	160	5	3	03	2	6	Ac	12.2	15	68	9	0
TANTA	270	2	35	01	1	3	Cu	13.3	18	52	8	0
ZAGAZIG	220	2	5	00	0	0	—	11.6	16	77	12	0
ISMA'ILIA	20	2	3	02	2	8	As	13.0	18	52	8	0
FAROUK (Airport)	00	0	12	02	2	8	As	16.9	17	60	9	0
ALMAZA												
EZBEKIYA	180	2	15	03	2	8	Cs	12.2	17	60	9	0
GIZA	180	2	15	03	2	8	Cs	12.6	17	63	10	0
HELWÂN	160	3	15	02	2	8	As	12.6	16	68	10	0
FAIYÛM	00	0	35	02	6	8	St	12.6	16	77	12	2
MINYA	00	0	8	02	5	8	As	13.6	16	64	9	dr
ASYÛT MANQABAD												
NAG' HAMMÂDI	290	3	3	02	0	7	St	11.2	19	52	9	0
QENA	20	9	7	02	1	4	Ci	9.5	24	26	3	0
LUXOR	350	6	12	02	2	7	As	8.7	25	19	0	0
ASWÂN	00	0	50	00	0	0	—	8.3	28	16	0	0
SÎWA	00	0	7	00	0	0	—	13.6	13	55	4	0
BAHARÎYA	00	0	15	20	5	8		12.1	14	88	12	dr
FARAFRA												
DAKHLA	320	6	0.1	06?	5	3	Fs.Fc	9.1	21	41	7	dr
KHARGA	360	6	7	01	1	3	Ci	12.0	24	26	3	0
SUEZ	00	0	7	02	5	8	As	12.0	17	68	11	dr
TÛR												
HURGHÂDA	270	2	35	03	2	8	Ac	12.	17	52	7	0
QUSEIR	140	5	15	01	1	3	Ci	11.0	23	34	20	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on FRIDAY 4th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	220	11	7	02	0	0	—	12.4		9	20		6		71	4	0		
SÎDI BARÂNI	250	15	50	02		0	—	12.4		9	20		7		71	4	0	235	
MATRÛH											18								
EL DABA	270	16		01	0	0	—			14			6			1	0	142	
ALEXANDRIA	270	11	50	01	0	0	—	12.8	-3.7	15	19	-1	11	-1	68	9	0	245	172
FOUAD (Airport)	230	11	14	00	0	0	—	12.7		14	21				67	8	0	240	133
DAMIETTA	200	5		11	0	0	—	12.8	-3.4	13	19		7		82	10	0	283	92
PORT SA'ID	220	8	12	01	0	1	Ac	12.7		15	20		13		72	10	0	52	
EL 'ARISH	140	2	35	02	0	0	—	13.5	-3.2	16	20	0	13	+4	88	14	0		73
DAMANHUR	270	9	15	02	0	0	—	13.0	-3.3	12	21	-1	8	-1	77	8	0	88	84
MANSURA	90	2	35	00	1	0	—	12.8	-3.5	10	22	0	7	-2	76	6	0	37	41
TANTA	270	2	35	02	-1	0	—	13.5	-2.3	13	22	-1	6	-2		7	0	24	33
ZAGAZIG	240	2	7	00	0	0	—	13.5	-3.4	14	22	0	10	+2	67	8	0	15	22
ISMA'ILIA	340	2	7	01	1	3	As	14.0		15	21		13		59	7	0	11	
FAROUK (Airport)	190	10	12	02	1	3	As	13.4		13	20		12		63	6	0		
ALMAZA	230	7	12	00	1	0	—	13.4	-3.4	14			11		52	4	0		
EZBEKIYA	270	5	15	00	0	0	—	13.9	-2.9	12	20	-3	11	+2	63	5	0	8	19
GIZA	270	5	15	00	0	0	—	14.0	-3.0	15	19	-4	10	+3	52	6	0	14	19
HELWÂN	00	0	7	01	0	1	Ci	13.8	-3.2	13	20	-2	11	+1	77	9	0	15	20
FAIYÛM	00	0	35	02	2	7	Cb	13.6	-3.0	14	20	-4			67	8	2	6	7
MINYA	360	3	8	03	6	8	Ac	14.2		14	20		12		67	8	1	5	
ASYÛT MANQABAD	320	5				8	Cs?	12.7		16					64	9		0	
NAG' HAMMÂDI	00	0	3	01	2	7	Cs	12.3	-4.2	20	32	+4	14		56	11	0	0	
QENA	90	2	15	03	2	6	Ci	12.0	-3.6	21	33	+5	17	+7	50	10	0	dr	
LUXOR	30	6	12	02	2	6	As.Cc	12.4		21	34		19		41	7	0	dr	
ASWÂN	360	11	50	02	1	6	Sc.Cu	12.2	-4.2	22	33	+5	19	+6	38	7	0	dr	
SÎWA											19	-5						0	7
BAHARÎYA	360	7	15	20	5	8					20	-4				5	dr.	dr	7
FARAFRA																		dr	
DAKHLA	320	11	15	00	1	3	Fs.Fc	11.3	-5.9	16	26	-1	14	+6	68	10	dr.	dr	
KHARGA	00	0	15	00	0	6	Cs	10.6	-6.1	21	31	+4	18	+8	38	6	0	0	
SUEZ	310	6	35	00	0	4	Cu	13.6	-2.5	17	19	-4	9	-2	42	4	dr	12	12
TÛR																		0	12
HURGHADA										22								dr	
QUSEIR											26	+2						0	4
PORT SÛDÂN	330	3	10	03	4	7	Sc	9.7		27	27		21		79	23	0	34	94
WÂDI HALFA	360	7	30	00	0	0	—	9.4		20	36		16		21	-3	0	6	
ABU HAMAD	90	2	30	03	0	2	Ci	7.5		28	35		18		37	12	0		
KAREIMA	00	0	30	01	0	4	Ci			21	36		17		50	10	0	3	1
'ATBARA	50	5	30	02	0	1	Ci	7.1		24	36		19		50	13	0	7	2
KHARTÛM	20	3	30	03	0	1	Ci	6.6		23	37		19		38	8	0	10	4
KASSALA	270	2	30	02	0	0	—	5.5			39		18			15	0	2	8
WÂD MEDANI	20	5				0	—	6.8		24	39		17		30	5	0	11	12
RENK	20	5	50	00	0	0	—	7.1		26	36		18		37	10	0	0	49
ROSEIRES	270	2	35	00	0	0	—	6.9		24	40		20		38	9	0	2	37
EL OBEID	10	1	30	00	0	0	—	6.9		23	36		16		20	-1	0	0	16
EL FÂSHER	310	2	30	00	0	1	Ci				35		10			-14	0	0	6
GENEINA	70	2	14	00	0	0	—			17	37		12		14	-11	0		4
MALAKÂL	90	7	30	00	0	1	Ci	6.4		28	38		21		14	-2	0	69	88
WÂU	00	0	30	00	0	0	—	4.6		27	39		23		42	13	0	261	152
JUBA	00	0		00	1	0	—	5.4		29	40		20		33	11	0	131	164

HUMIDITY %

Mean of day

Station	on 3rd	Diff. from normal
Alexandria	48	-17
Ezbekiya	62	+1
Giza	64	-1
Helwân	64	+16

GÎZA

GRASS MINIMUM TEMP. ON 4th °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — FAROUK AIRPORT — On 4th At 3

Pressure mbs.	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	104	12	72	200	6
950					
900					
850	1431	0	69	250	15
800					
700	2976	-7		250	51
600					
500	5535	-22			
400		-34			
300					

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

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

UPPER WIND OBSERVATIONS on 3rd

Station			MINYA																					
Time			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			360	16																				
600			330	16																				
1000			290	21																				
1500			290	35																				
2000			290	31																				
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 4th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'îd		El 'Arîsh		Helwân		Minya		Asyût Manqabad		Luxor		Aswân		Hurghada		Almaza	
Time	5				4								3 30		9		5 15						8 30	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	250	22			240	13							330	22	310	16	30	19					250	5
600	280	28			240	14							320	23	320	10	10	16					250	8
1000	280	34			230	15							320	17	300	10	360	22					290	11
1500					230	16							270	17	280	16	360	14					250	10
2000					240	17									240	18	300	4					220	14
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time							6		5		4		5 15		4						4 30		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300							50	12																
600							30	16			90	17	330	4	20	12								
1000							340	17	60	12	50	9	350	7	40	22					10	6	30	12
1500							80	5	120	2	80	3	10	15	360	10					90	11	50	4
2000							160	19	20	13	200	3	30	20	350	6								
3000											280	13	80	8	350	5					60	2	20	7
4000																								
5000																								
6000																								
7000																								
8000																								

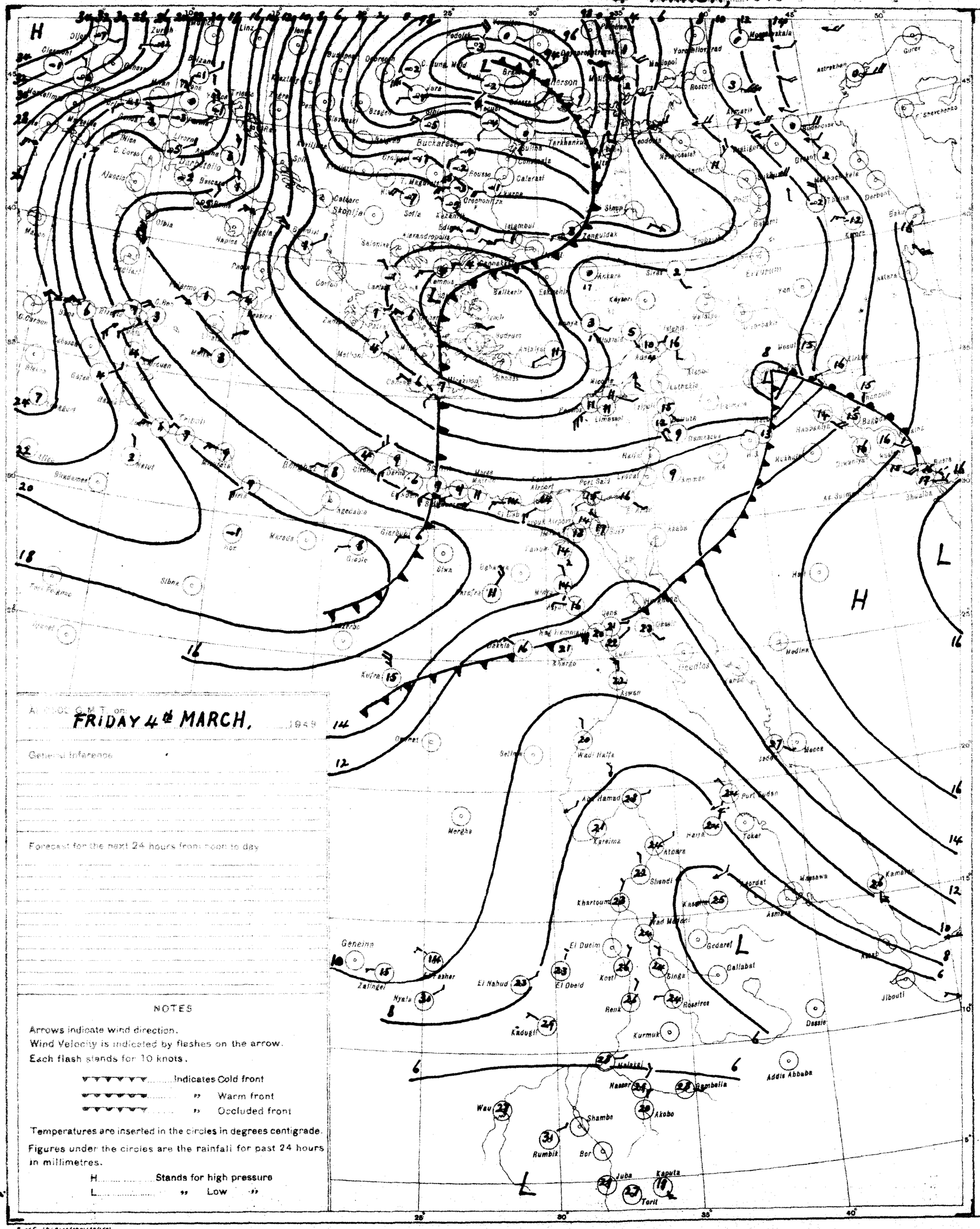
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 4th MARCH, 1949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Astrakhan
Gurev
Rostov
Mariupol
Yorchilior Pad
Kerch
Sudenovsk
Tuapse
Sochi
Sukhumi
Poti
Batumi
Kutaisi
Tbilisi
Erivan
Nakhichevan
Kars
Mosul
Kirkuk
Baghdad
Basra
Abadan
Bushire
Bandar Abbas
Muscat
Shuaiba
Jeddah
Medina
Mecca
Port Sudan
Tokar
Massawa
Asmara
Kassala
Gedaref
Gallabat
Kosti
Singa
Roseires
Renk
Kurmuk
Dessie
Addis Abbaba
Jibouti
Kamaran
Aden
Mukalla
Nasser
Gambella
Akobo
Wau
Shambe
Rumbik
Bor
Juba
Kaputa
Torit
Kadugli
El Obeid
El Nahud
El Dueim
Khartoum
Shendi
Atbara
Wadi Halfa
Wadi Hamad
Ysreima
Halfa
Merowe
Dongola
Khargo
Kufra
Sebha
Tripoli
Benghazi
Tobruk
Alexandria
Cairo
Port Said
Ismailia
Suez
Aswan
Luxor
Hurghada
Medina
Mecca
Geneina
Zalingei
Nyala
Fasher
Malakal
Addis Abbaba
Dessie
Jibouti
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Luxor
Hurghada
Medina
Mecca
Jeddah
Kerch
Sochi
Sukhumi
Poti
Batumi
Kutaisi
Tbilisi
Erivan
Nakhichevan
Kars
Mosul
Kirkuk
Baghdad
Basra
Abadan
Bushire
Bandar Abbas
Muscat
Shuaiba
Astrakhan
Gurev
Rostov
Mariupol
Yorchilior Pad
Kerch
Sudenovsk
Tuapse
Sochi
Sukhumi
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Batumi
Kutaisi
Tbilisi
Erivan
Nakhichevan
Kars
Mosul
Kirkuk
Baghdad
Basra
Abadan
Bushire
Bandar Abbas
Muscat
Shuaiba
Jeddah
Medina
Mecca
Port Sudan
Tokar
Massawa
Asmara
Kassala
Gedaref
Gallabat
Kosti
Singa
Roseires
Renk
Kurmuk
Dessie
Addis Abbaba
Jibouti
Kamaran
Aden
Mukalla
Nasser
Gambella
Akobo
Wau
Shambe
Rumbik
Bor
Juba
Kaputa
Torit
Kadugli
El Obeid
El Nahud
El Dueim
Khartoum
Shendi
Atbara
Wadi Halfa
Wadi Hamad
Ysreima
Halfa
Tokar
Port Sudan
Aden
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Zalingei
Nyala
Fasher
Malakal
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Dessie
Jibouti
Kamaran
Massawa
Asmara
Gedaref
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El Obeid
El Nahud
El Dueim
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Shendi
Atbara
Wadi Halfa
Wadi Hamad
Ysreima
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Aden
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Shambe
Rumbik
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Kaputa
Torit
Merowe
Dongola
Khargo
Kufra
Sebha
Tripoli
Benghazi
Tobruk
Alexandria
Cairo
Port Said
Ismailia
Suez
Aswan
Luxor
Hurghada
Medina
Mecca
Jeddah
Kerch
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Tbilisi
Erivan
Nakhichevan
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Kirkuk
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Bushire
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Muscat
Shuaiba
Astrakhan
Gurev
Rostov
Mariupol
Yorchilior Pad
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Kutaisi
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Mecca
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Massawa
Asmara
Kassala
Gedaref
Gallabat
Kosti
Singa
Roseires
Renk
Kurmuk
Dessie
Addis Abbaba
Jibouti
Kamaran
Aden
Mukalla
Nasser
Gambella
Akobo
Wau
Shambe
Rumbik
Bor
Juba
Kaputa
Torit

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 No 7 F.

DAILY WEATHER REPORT

Date : SATURDAY 5th MARCH, 1949

At 1200 on FRI. 4th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	20	15	7	03	1	6	Cu,Sc	12.1	17	42	4
	62303	SÎDI BARÂNI	270	2	50	03	1	6	Cu	12.6	16	42	3
	62306	MATRÛH							Sc				0
	62309	EL DABA	270	20		01	0	0	–		17	39	3
		ALEXANDRIA											
	62318	FOUAD (Airport)	250	22	18	02	0	0	–	12.3	17	34	1
	62330	DAMIETTA	200	9	15	02	0	1	Cu	13.1	21	33	4
	62333	PORT SAÏD	260	14	30	02	1	0	–	12.6	21	33	4
	62336	EL 'ARISH											
Lower Egypt	62339	DAMANHUR											
	62342	MANSURA	220	5	35	00	0	0	–	13.0	22	25	1
	62348	TANTA	270	13	35	03	1	3	Cu	13.8	21	33	4
	62354	ZAGAZIG											
	62441	ISMAÏLIA	250	9	7	02	1	3	Ac	12.8	21	26	1
Cairo Area	62366	FAROUK (Airport)	290	17	14	02	1	2	Cu	13.3	20	28	1
	62372	ALMAZA	290	14	30	01	0	3	Ac	12.9	21	21	-2
		EZBEKIYA	270	8	35	03	0	4	Sc,Ac	13.5	20	24	-1
		GIZA	270	8	35	03	0	4	Sc,Ac	13.9	19	28	0
	62378	HELWÂN	270	11	35	03	2	6	Ac,Cu	13.1	20	17	-6
Upper Egypt	62381	FAIYÛM											
	62387	MINYA	20	21	15	02	2	6	Ac	14.1	21	33	4
	62393	ASYÛT MANQABÂD											
	62399	NAG' HAMMÂDI											
	62402	QENA	180	2	35	03	2	7	Cs	9.4	29	40	14
	62405	LUXOR											
	62414	ASWÂN											
Oases	62417	SÎWA	270	9	15	00	0	0	–	16.7	19	30	1
	62420	BAHARÎYA											
	62423	FARAFRA	360	8	35	02	6	8	As	15.5	20	26	0
	62432	DAKHLA	360	11	50	03	1	5	St,Cu	11.0	23	50	12
	62435	KHARGA	20	4				0	–	10.7	26	30	7
Red Sea	62450	SUEZ	220	4	50	03	0	6	Cu	11.5	20	56	11
	62459	TÛR	20	5	15	00	0	5	–	11.9	23	57	14
	62462	HURGHÂDA											
	62465	QUSEIR	90	9	15	03	2	8	As	11.6	24	74	19
	62641	PORT SÛDÂN	50	15	10	01	2	8	Cu,Cs	7.0	28	74	23
North Sûdân	62600	WÂDI HALFA	70	7	10	05	0	0	–	4.9	35	16	6
	62640	ABU HAMAD	20	2	30	00	0	0	–	2.7	37	20	11
	62660	KAREIMA	90	2	30	00	1	0	–	4.1	37	14	6
	62680	'ATBARA	310	2	30	02	0	1	Ci	2.2	36	17	7
	62721	KHARTÛM	20	2	30	02	0	3	Cs	2.0	37	20	11
	62730	KASSALA	180	2	30	03	0	3	Cs	99.2	41	19	13
Central Sûdân	62751	WÂD MEDANI	180	5	35	00	0	0	–	0.3	39	13	6
	62801	RENK											
	62802	ROSEIRES	310	2	35	00	0	0	–		39	23	14
	62771	EL OBEID	40	3	30	00	0	0	–	1.1	37	11	2
	62760	EL FÂSHER	30	5	30	00	0	1	Cs		36	9	-2
	62770	GENEINA	70	3	30	01	0	4	Ac,Cu		36	7	-5
S. Sûdân	62840	MALAKÂL	330	6	30	02	0	1	Cu	1.1	40		6
	62880	WÂU	340	7	30	02	1	7	Cu,Cb	98.8	40	17	11
	62941	JUBA	90	9	30	03	1	4	Cu	99.3	39	15	8

At 1800 on FRIDAY 4th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
62300	SALÛM	320	4	7	02	0	4	Cu,Sc	14.7	12	77	8	0
62303	SÎDI BARÂNI	320	10	35	02	0	6	Sc,Cu	14.1	13	67	7	0
62306	MATRÛH	320	13	35	01	0	2	Cu		16	47	12	·
62309	EL DABA	270	10		01	0	0	–		15	45	3	0
	ALEXANDRIA	310	6	7	00	0	0	–	14.3	15	48	4	0
62318	FOUAD (Airport)	290	7	12	02	0	0	–	14.8	14	52	4	0
62330	DAMIETTA	320	5		00	0	0	–	15.2	14	67	8	0
62333	PORT SAÏD	300	16	14	02	0	0	–	15.1	15	59	7	0
62336	EL 'ARISH	00	0	15	02	0	0	–	15.9	14	88	12	0
62339	DAMANHUR	270	9	15	02	0	0	–	14.4	13	72	8	0
62342	MANSURA	270	5	3	00	0	0	–	15.6	13	85	4	0
62348	TANTA	00	0	35	02	1	0	–	15.7	14	48	3	0
62354	ZAGAZIG	320	2	3	00	0	0	–	15.0	13	55	4	0
62441	ISMAÏLIA	340	2	10	01	1	2	Ac	15.0	16	42	8	0
62366	FAROUK (Airport)	290	4	12	01	1	1	Sc	15.5	15	42	2	0
62372	ALMAZA	290	6	13	01	1	3	Sc	15.3	16	32	-1	0
	EZBEKIYA	340	1	15	01	5	1	Sc	15.9	16	32	-1	dr
	GIZA	340	1	15	01	2	1	Sc	15.6	15	33	-1	0
62378	HELWÂN	340	8	15	02	2	6	Sc	15.1	16	32	-1	0
62381	FAIYÛM	00	0	35	02	2	7	St	15.8	15	48	4	0
62387	MINYA	00	0	10	03	1	2	Ac	15.4	14	55	5	0
62393	ASYÛT MANQABÂD												
62399	NAG' HAMMÂDI	320	1	7	00	0	4	Cs	12.8	16	68	10	0
62402	QENA	270	13	7	01	1	3	Ac	11.8	21	41	7	0
62405	LUXOR	40	4	12	01	1	2	Sc	10.6	23	36	7	0
62414	ASWÂN	360	10	50	00	0	0	–	8.7	26	23	3	0
62417	SÎWA	00	0	7	00	0	0	–	16.6	15	48	4	0
62420	BAHARÎYA												
62423	FARAFRA	340	4	7	01	2	0	–	16.7	14	39	0	–
62432	DAKHLA												
62435	KHARGA												
62450	SUEZ	00	0	15	01	0	0	–	14.3	19	48	3	0
62459	TÛR	340	9	35	00	0	·	–	12.8	20	46	8	0
62462	HURGHÂDA	290	19		00	0	0	–	13.1	20	30	12	0
62465	QUSEIR	340	9	15	01	1	2	As	11.6	23	74	18	0
62641	PORT SÛDÂN												
62600	WÂDI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	'ATBARA												
62721	KHARTÛM												
62730	KASSALA												
62751	WÂD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID												
62760	EL FÂSHER												
62770	GENEINA												
62840	MALAKÂL												
62880	WÂU												
62941	JUBA												

At 0600 on SATURDAY 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.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
62300	SALÛM	270	3	7	02	1	0	–	17.4		11	18				63	4	0		
62303	SÎDI BARÂNI	220	9	50	01	1	1	Cb	17.2		9	17		7		88	7	0	235	
62306	MATRÛH	270	6	12	02	1	6	Cb	17.9		11			6		67	5	0		
62309	EL DABA	270	10		01	1	2	Cu			14			6		67	8	0	142	
	ALEXANDRIA											17	-3						245	172
62318	FOUAD (Airport)	360	2	12	05	0	7	Cu,Sc	17.3		11	18	-3			94	10	0	246	134
62330	DAMIETTA											21								93
62333	PORT SAÏD											21								
62336	EL 'ARISH	180	2	35	00	0	1	Cu	17.4	+0.7	13	21	+1	8	-1	77	9	0		74
62339	DAMANHUR											21	-1							85
62342	MANSURA											22	0							42
62348	TANTA	00	0	35	02	0	0	–	18.2	+1.4	12	22	-1	5	-3	63	5	0	24	33
62354	ZAGAZIG											23	+1							22
62441	ISMAÏLIA											22								
62366	FAROUK (Airport)	110	9	12	00	0	0	–	17.7		12	21		10		51	2	0		
62372	ALMAZA	120	7	18	00	0	0	–	17.4		13	21				41	0	0		
	EZBEKIYA	00	0	15	00	0	0	–	17.5	+0.7	12	22	-1	8	-1	56	3	dr	8	19
	GIZA	00	0	15	00	0	0	–	17.5	+0.5	13	22	0	4	-3	59	5	0	14	19
62378	HELWÂN	20	4	7	00	0	0	–	17.6	+0.7	13	20	-3	10	0	44	1	0	15	20
62381	FAIYÛM											22	-2							7
62387	MINYA	360	3	10	00	0	0	–	17.5		10	21				50	0	0	5	
62393	ASYÛT MANQABÂD																			
62399	NAG' HAMMÂDI											28								
62402	QENA											29	+1							
62405	LUXOR	00	0	30	00	0	0	–	13.5		18	29		12		32	1	0	dr	
62414	ASWÂN	20	9	50	00	0	0	–	12.8	-3.3	18	34	+6	16	+3	49	7	0	dr	
62417	SÎWA	00	0	15	00	0	0	–	19.1	+0.7	10	19	-5	3	-4	50	0	0	0	7
62420	BAHARÎYA	00	0	35	02	0	0	–	18.2	+0.9	13			5	-3	55	4	0	dr	7
62423	FARAFRA											20								
62432	DAKHLA																			
62435	KHARGA																			
62450	SUEZ	00	0	35	00	0	2	Cu	17.4	+1.3	14	23	0	7	-4	48	3	0	12	12
62459	TÛR	20	3	35	00	0	0	–			15	25	+2	12	0	59	7	0	0	12
62462	HURGHÂDA	310	1		00	0	0	–	12.7		17	26		13		34	1	0	dr	
62465	QUSEIR											27	+3							4
62641	PORT SÛDÂN	330	11	10	03	2	7	Sc	10.5		24	29		21		94	23	0	34	94
62600	WÂDI HALFA	360	4	30	03	1	6	Ci				36		15			4	0	tr	
62640	ABU HAMAD	50	5	30	03	2	4	Ci	7.8		25	38		20		54	15	0		
62660	KAREIMA	50	2	30	01	1	4	Cs	7.4		24	39		20		34	7	0	3	1
62680	'ATBARA	360	2	30	02	0	1	Ci	5.5		25	38		20		54	15	0	7	2
62721	KHARTÛM	360	2	30	05	1	5		4.9		27	37		23		37	11	0	10	4
62730	KASSALA																			8
62751	WÂD MEDANI	50	5	50	00	0	0	–	5.9		26	40		20		32	8	0	11	12
62801	RENK	50	5	50	01	1	4	Ci	7.4		26	36		21		27	5	0	0	47
62802	ROSEIRES	360	2	35	00	0	0	–			24	41		21		47	12	0	2	37
62771	EL OBEID	350	8	30	00	0	0	–	6.7		26	38		19		18	0	0	0	16
62760	EL FÂSHER	360	2	30	00	0	0	–			19	38		15		19	-5	0	0	6
62770	GENEINA	00	0	30	01	0	5	Ci			17	39		14		11	-14	0		4
62840	MALAKÂL	60	3	30	01	2	6	Ac	6.1		27	40		22		22	3	0	69	88
62880	WÂU	00	0	30	00	1	1	Ac	4.2		29	41		24		43	15	0	261	152
62941	JUBA	180	2	30	00	1	0	–	5.5		20	41		21		60	12	0	131	165

HUMIDITY % Mean of day

Station	on 4th	Diff. from normal
Alexandria		
Ezbekiya	45	-16
Giza	38	-27
Helwân	45	-3

GÎZA GRASS MINIMUM TEMP. ON 5th -0.2 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — FAROUK AIRPORT — On 5th At 5

Pressure mbs.	Height above M.S.L. feet	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	137	11	94	120	9
950		9			
900					
850	1474	1	55	250	16
800					
700	3030	-4		250	46
600					
500	5604	-19		250	65
400		-29			
300					

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

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

UPPER WIND OBSERVATIONS on .....

Station					Minya				Almaza															
Time					15 30				12 45															
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300					20	16			270	14														
600					20	15			280	26														
1000					350	14			260	7														
1500					330	20			270	13														
2000					280	31			250	9														
3000									250	11														
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on .....

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Saïd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farouk	
Time	5										6 45		3				5 45						4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	260	13									40	7	360	12			300	2					60	7
600	270	10									20	11	360	14			10	10					350	6
1000	250	9									20	10	350	14			80	7					290	9
1500											290	11	350	17			100	9					250	16
2000											270	20					300	3					240	35
3000																							250	46
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time			5						4		4 15				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			360	14					360	7														
600			360	17					30	14	70	17			20	12							360	13
1000			340	16					80	9	70	14			20	22							10	8
1500			300	16					70	3	360	5			20	20							300	2
2000			270	24					270	21	300	13			50	8							330	4
3000			260	36					270	16	230	8			200	5								
4000															70	3								
5000															40	5								
6000															180	14								
7000																								
8000																								

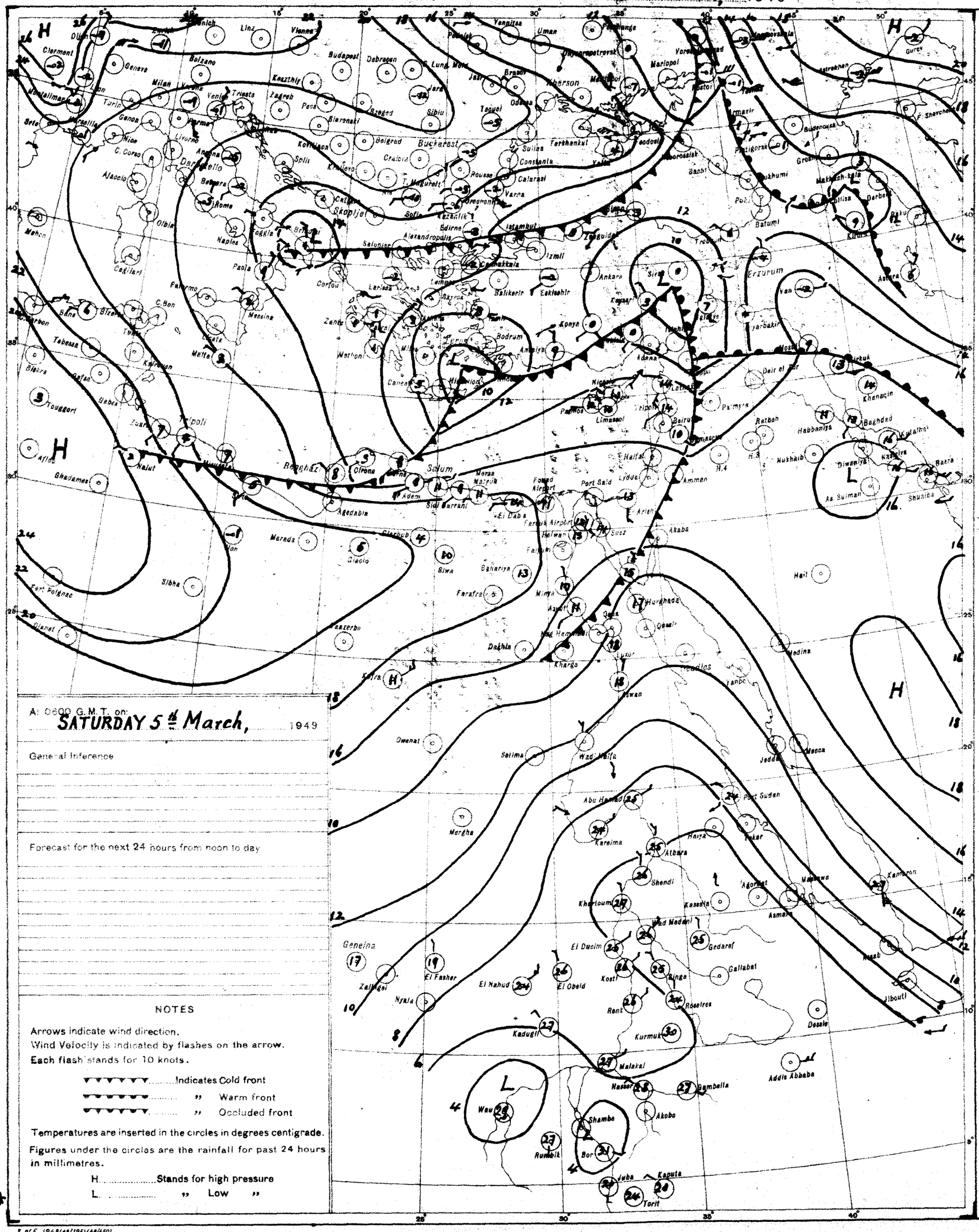
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 5th March, 1949


Clermont
Geneva
Milan
Venice
Trieste
Zagreb
Budapest
Debrecen
Vienna
Linz
Munich
Bolzano
Genoa
Nice
Marseille
Ajaccio
Rome
Naples
Palermo
Messina
Malta
Tripoli
Benghazi
Sollum
Cairo
Port Said
Suez
Aden
Khartoum
Asmara
Addis Ababa
Djibouti
Mogadishu
Nairobi
Kampala
Entebbe
Juba
Torit
Wau
Malakal
Kosti
El Obeid
El Fasher
Geneina
Zalingei
Nyala
Kadugli
Kurmuk
Roseires
Gedaref
Gallabat
Port Sudan
Jeddah
Mecca
Medina
Aden
Hodeida
Aden
Baghdad
Basra
Tehran
Tabriz
Erzurum
Ankara
Istanbul
Athens
Salonika
Sofia
Bucharest
Odessa
Kharkov
Rostov
Tiflis
Baku
Batumi
Tashkent
Alexandria
Port Said
Haifa
Beirut
Damascus
Amman
Jerusalem
Cairo
Luxor
Aswan
Wadi Halfa
Khartoum
Kassala
Gondar
Addis Ababa
Mogadishu
Kampala
Nairobi
Dessie
Asmara
Jibouti
Port Sudan
Kassala
Gedaref
Gallabat
Roseires
Kosti
Rumbek
Bor
Shambe
Akobo
Gambella
Malakal
Nasser
Kaputa
Torit
Juba
Wau
Khartoum
Shendi
Atbara
Kareima
Abu Hamad
Wadi Halfa
Merga
Selima
Owenat
Kufra
Dakhla
Kharga
Siwa
Marada
Sirte
Tripoli
Benghazi
Tobruk
Malta
Palermo
Cagliari
Corfou
Athens
Salonika
Istanbul
Izmir
Ankara
Konya
Adana
Beirut
Damascus
Amman
Jerusalem
Cairo
Port Said
Suez
Aswan
Luxor
Khartoum
Asmara
Addis Ababa
Djibouti
Mogadishu
Nairobi
Kampala
Entebbe
Juba
Torit
Wau
Malakal
Kosti
El Obeid
El Fasher
Geneina
Zalingei
Nyala
Kadugli
Kurmuk
Roseires
Gedaref
Gallabat
Port Sudan
Jeddah
Mecca
Medina
Aden
Hodeida
Baghdad
Basra
Tehran
Tabriz
Erzurum
Ankara
Istanbul
Athens
Salonika
Sofia
Bucharest
Odessa
Kharkov
Rostov
Tiflis
Baku
Batumi
Tashkent
Alexandria
Port Said
Haifa
Beirut
Damascus
Amman
Jerusalem
Cairo
Luxor
Aswan
Wadi Halfa
Khartoum
Kassala
Gondar
Addis Ababa

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 No 7 F.

DAILY WEATHER REPORT

Date : Sunday 6th March, 1949

At 1200 on Saturday 5th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALÛM	200	10	7	03	1	1	Ac	16.8	17	34	1
	62303	SÎDI BARÂNI	290	9	50	01	0	1	Cu	17.0	15	39	1
	62306	MATRÛH	10	5	18	02	1	5	Sc	15.9	15	48	4
	62309	EL DABA	320	11		01	0	0	-		15	48	4
		ALEXANDRIA	310	6	50	01	2	3	Cu Sc	16.0	16	49	5
	62318	FOUAD (Airport)	310	7	18	01	2	2	Cu Sc	16.7	16	49	5
	62330	DAMIETTA	360	5	15	01	1	3	Sc	16.7	15	68	9
	62333	PORT SA'ID	350	11	18	01	0	2	Cu	16.5	16	68	10
	62336	EL 'ARISH	40	9	35	02	0	1	Cu	16.7	18	56	9
LOWER EGYPT	62339	DAMANHUR	310	9	15	02	1	7	Cu	16.7	17	52	7
	62342	MANSURA	110	5	35	03	2	6	Cu	16.6	19	37	4
	62348	TANTA	270	2	35	03	1	5	Cu	16.2	19	46	7
	62354	ZAGAZIG	320	2	15	00	0	0	-	15.9	21	41	7
	62441	ISMA'ILIA	20	2	15	00	0	0	-	15.8	19	30	1
CAIRO AREA	62366	FAROUK (Airport)	340	5	30	03	0	1	Cu	16.2	19	30	1
	62372	ALMAZA	30	8	30	00	0	0	-	15.5	20	35	4
		EZBEKIYA	360	6	35	03	0	1	Cu	15.8	19	37	4
		GIZA	360	6	35	03	0	1	Cu	15.8	19	28	0
	62378	HELWÂN	320	5	15	02	0	0	-	15.8	19	30	-1
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0		15.8	19	30	1
	62387	MINYA	10	11	14	02	0	1	Ci	15.8	21	20	-3
	62393	ASYÛT MANQABÂD	340	10	30	03	0	1	Ci	15.6	21	26	1
	62399	NAG' HAMMÂDI	270	5	7	03	2	7	Cs	11.9	24	32	6
	62402	QENA	290	5	35	03	1	4	Ci	10.8	28	33	10
	62405	LUXOR	340	8	30	00	0	0	-	10.4	27	35	10
	62414	ASWÂN	340	4	50	01	1	5	As	9.8	28	37	12
OASES	62417	SÎWA	00	0	15	00	0	0	-	19.4	19	52	9
	62420	BAHARÎYA	320	2	35	02	1	1	Cs	16.4	19	23	-3
	62423	FARAFRA											
	62432	DAKHLA	320	8	50	00	0	0	-	13.8	21	9	-13
	62435	KHARGA	20	2	35	00	0	0	-	13.8	24	15	-5
RED SEA	62450	SUEZ	00	0	50	01	0	0	-	14.8	20	24	-1
	62459	TÔR											
	62462	HURGHÂDA											
	62465	QUSEIR	360	13	15	02	0	0	-	12.6	23	61	15
	62641	PORT SÛDÂN	50	17	4	05	1	0	-	8.2	27	79	23
NORTH SÛDÂN	62600	WÂDI HALFA											
	62640	ABU HAMAD	50	2	30	02	0	2		3.3	38	15	7
	62660	KAREIMA	50	2	30	00	1	0	-	3.8	38	17	9
	62680	'ATBARA	360	5	30	03	1	7	Cs	1.9	39	12	5
	62721	KHARTÛM											
	62780	KASSALA	360	2	30	03	0	3	Ci	98.8	42	14	9
CENTRAL SÛDÂN	62751	WÂD MEDANI	20	5	35	00	0	0	-		41	10	3
	62801	RENK	50	5	50	00	0	0	-	1.3	41	16	10
	62802	ROSEIRES											
	62771	EL OBEID	350	4	30	00	0	0	-	0.8	38	9	2
	62760	EL FÂSHER	60	2	30	00	0	1	Ci		38	6	-1
	62770	GENEINA	230	1	30	01	1	3	Ci		38	9	-1
S. SÛDÂN	62840	MALAKÂL	330	4	30	02	0	1	Cu	1.2	40	10	2
	62880	WÂU	300	5	30	00	0	1	Cu	0.3	40	17	11
	62941	JUBA	360	5	30	08	1	5	Cu-C	99.8	40	20	12

At 1800 on Saturday 5th

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.
62300	SALÛM		10	7	03	1	8	Ac		14	55	5	0
62303	SÎDI BARÂNI												
62306	MATRÛH	00	0	12	00	0	0	-	18.4	10	82	3	0
62309	EL DABA	320	8				0	-		13	67	2	0
	ALEXANDRIA	360	8	3	02	2	3	Sc Cu	18.0	13	67	7	0
62318	FOUAD (Airport)	350	14	12	01	2	3	Sc	17.3	12	67	6	0
62330	DAMIETTA	360	5		03	2	7	Sc	17.2	13	77	9	0
62333	PORT SA'ID	20	13	15	01	0	0	-	17.2	14	77	10	0
62336	EL 'ARISH	40	13	35	01	0	0	-	16.6	14	77	10	0
62339	DAMANHUR	270	9	7	01	0	0		17.0	12	77	8	0
62342	MANSURA	140	5	3	03	2	6	Cu	17.6	13	77	9	0
62348	TANTA	00	0	35	02	1	0		17.6	12	77	8	0
62354	ZAGAZIG	320	2	12	00	0	0	-	17.5	13	67	7	0
62441	ISMA'ILIA												
62366	FAROUK (Airport)	80	7	12	00	0	0	-	16.6	15	55	6	0
62372	ALMAZA	00	0	15	00	0	0	-	16.4	14	55	5	0
	EZBEKIYA	00	0	15	60	0	0	-	16.8	11	64	4	0
	GIZA	340	5	15	02	0	0	-	16.6	15	39	1	0
62378	HELWÂN												
62381	FAIYÛM	00	0	35	02	0	0	-	16.3	14	48	3	0
62387	MINYA	00	0	10	00	0	0	-	16.4	12	51	2	0
62393	ASYÛT MANQABÂD												
62399	NAG' HAMMÂDI	340	1	3	03	2	8	Cs	14.2	17	52	7	0
62402	QENA	270	5	7	02	1	4		13.1	20	41	6	0
62405	LUXOR	00	0	12	00	0	1	Cc	12.6	20	33	3	0
62414	ASWÂN	360	11	50	00	0	0	-	11.2	26	42	12	0
62417	SÎWA	00	0	7	00	0	0	-	16.7	19	55	3	0
62420	BAHARÎYA	320	4	15	02	0	0	-	17.6	15	30	-3	0
62423	FARAFRA												
62432	DAKHLA	320	6	35	00	0	0	-	15.2	17	42	4	0
62435	KHARGA	360	9	15	00	0	0	-	15.4				0
62450	SUEZ	360	11	7	02	0	0	-	15.8	15	68	9	0
62459	TÔR												
62462	HURGHÂDA												
62465	QUSEIR	360	9	15	02	0	0	-	13.0	20	73	15	0
62641	PORT SÛDÂN												
62600	WÂDI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	'ATBARA												
62721	KHARTÛM												
62780	KASSALA												
62751	WÂD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID												
62760	EL FÂSHER												
62770	GENEINA												
62840	MALAKÂL												
62880	WÂU												
62941	JUBA												

At 0600 on Sunday 6th

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL Total From Oct. 1st.	RAINFALL Normal From Oct. 1st.
62300	SALUM	270	7	7	01	0	1		17.6		10	17		5				0		
62303	SÎDI BARÂNI	320	4	18	01	0	7	Ac						6			8		235	
62306	MATRÛH	290	10	15	02	0	2	Ci	16.8		8	17		5		76	4	0		
62309	EL DABA	270	10		01	0	0		16.4		11			4		58	3	0	142	
	ALEXANDRIA	220	8	50	02	2	3	Cu Sc	17.4	+1.0	13	28	2	10	-2	67	7	0	245	172
62318	FOUAD (Airport)	200	14	14	19	0	1	Cu Sc Ac	17.2		12	17		6		77	8	0	240	134
62330	DAMIETTA	220	5		01	0	1	Sc	17.2	+1.1	12	17		5		78	8	0	283	93
62333	PORT SA'ID	260	9	18	03	0	1	Sc	16.9		14	18		11		42	1	0	52	
62336	EL 'ARISH	00	0	35	55	5	1	Ac	16.4	-1.2	12	19	-1	8	-1	88	10	dr		74
62339	DAMANHUR	230	5	3	00	0	6	-	17.6	+1.3	11	19	-3	8	-1	88	9	0	58	85
62342	MANSURA	220	2	35	00	1	0	-	17.2	+0.9	13	20	-2	8	-1	77	9	0	37	42
62348	TANTA	00	0	35	02	0	0	-	17.1	+0.3	9	20	-3			95	9	0	24	33
62354	ZAGAZIG	140	2	7	00	0	0	-	17.2	+0.6	12	22	-1	7	-1	77	8	0	15	22
62441	ISMA'ILIA																		11	
62366	FAROUK (Airport)	00	0	6	05	1	1	Ci	17.7		10	20				88	8	0		
62372	ALMAZA	350	3	10	01	1	2	Ci	17.3	+0.6	10			8		88	8	0		
	EZBEKIYA	00	0	15	00	0	1	Ci	17.4	+0.7	11	20	-4	8	-2	77	7	0	8	19
	GIZA	00	0	15	00	0	1	Ci	17.5	+0.6	10	21	-2	4	-3	84	8	0	14	19
62378	HELWÂN	00	0	7	00	1	3	Ci	17.4	+0.5	10	19	-4	4	-1	88	8	0	15	20
62381	FAIYÛM	00	0	35	00	0	2	Ci	17.6	+1.2	12	20	-4	7	-2	63	5	0	6	7
62387	MINYA	360	8	10	00	0	1	Ci	18.0		4	21		3		71	4	0	5	
62393	ASYÛT MANQABÂD	310	2	30	00	0	1	Ci	16.8		10			6		76	6	0	0	
62399	NAG' HAMMÂDI	320	2	7	00	0	4	Ac	16.4	0.0	12	25		8		63	5	0	0	
62402	QENA	240	9	15	02	1	4	Ac	15.8	+0.3	14	29	0	10	0	55	5	0	dr	
62405	LUXOR	360	4	30	03	1	3	Ci	14.9		16	28		13		39	2	0	dr	
62414	ASWÂN	360	6	50	00	0	0	-	14.0	-2.0	17	30	+1	16	+3	37	2	0	dr	
62417	SÎWA	270	6	15	00	0	0	-	20.2	+1.9	9	20	-4	3	-4	62	2	0	0	7
62420	BAHARÎYA	360	2	35	02	1	4	Ac	19.0	+1.8	10	21	-3	3	-5	62	2	0	dr	7
62423	FARAFRA																		dr	
62432	DAKHLA	270	8	35	00	0	0	-	17.1	+0.1	11	21	-6	8	-1	41	-2	0	dr	
62435	KHARGA	360	2	35	00	0	0	-	17.0	+0.4	14	24	-3	11	+1	45	2	0	0	
62450	SUEZ	20	3	35	04	0	2	Cu	16.3	+0.2	11	22	-1	8	-3	88	9	0	12	13
62459	TÔR																			12
62462	HURGHADA	310	25		00	0	0		13.2		16			16		42	3	0	dr	
62465	QUSEIR	360	19	15	00	1	3	As	13.1	-1.7	19	24	0	16	0	52	9	0	0	4
62641	PORT SÛDÂN	330	9	10	01	1	5	Sc, Ac	10.5		25	29		21		79	21	0	34	94
62600	WÂDI HALFA	10	16	30	00	0	0	-	13.1		17	33		15		28	-2	0	6	
62640	ABU HAMAD	50	19	30	00	0	0	-	7.9		24	39		21		26	3	0		
62660	KAREIMA	10	6	30	00	0	0	-	9.1		23	40		21		34	6	0	3	1
62680	'ATBARA	360	5	30	02	0	1	Ci	6.9		25	40		21		45	12	0	7	2
62721	KHARTÛM	360	4	30	01	0	0	-	6.1		28	41		24		29	8	0	10	4
62780	KASSALA	20	5	30	00	0	0	-	4.2		30	43		22		49	18	0	2	8
62751	WÂD MEDANI	50	2	50	00	0	0	-	6.2		27	42		23		30	8	0	11	12
62801	RENK	360	2	50	01	1	5	Ci			20	42		20		64	13	0	0	49
62802	ROSEIRES																		2	27
62771	EL OBEID	360	7	30	00	0	0	-	6.5		26	40		23		23	3	0	0	16
62760	EL FÂSHER	310	2	30	00	0	1	Ci	-		20	39		17		18	-5	0	0	6
62770	GENEINA	50	7	30	01	1	8	Ci			23	40		15		16	-4	0		4
62840	MALAKÂL	00	0	10	03	1	7	Ac	5.6		26	40				22	4	0	64	88
62880	WÂU																		261	153
62941	JUBA	230	5	30	03	1	6	Ac	6.7		27	42		24		52	16	0	131	166

HUMIDITY % Mean of day

STATION	on 5th	Diff. from normal
Alexandria	77	+12
Ezbekiya	47	-14
Gîza	58	-7
Helwân	34	-14

GÎZA GRASS MINIMUM TEMP. ON 6th 1.8 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — AIRPORT

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

UPPER WIND OBSERVATIONS on 5th

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

UPPER WIND OBSERVATIONS on 6th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ID		EL 'ARÎSH		HELWÂN		MINYA		ASYUT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Al Maza	
TIME					4						7		3				5						6 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					220	8					320	4	360	31			340	14					330	7
600					230	5					350	10	20	43			350	17					330	8
1000					320	5					340	10	10	48			330	19					330	4
1500											354	12	360	42			280	11					320	9
2000											330	13					320	22					330	10
3000											280	30											260	20
4000																							260	31
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		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.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300					340	16	360	20																
600					360	16	360	24																
1000					350	23	360	23																
1500					340	51																		
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

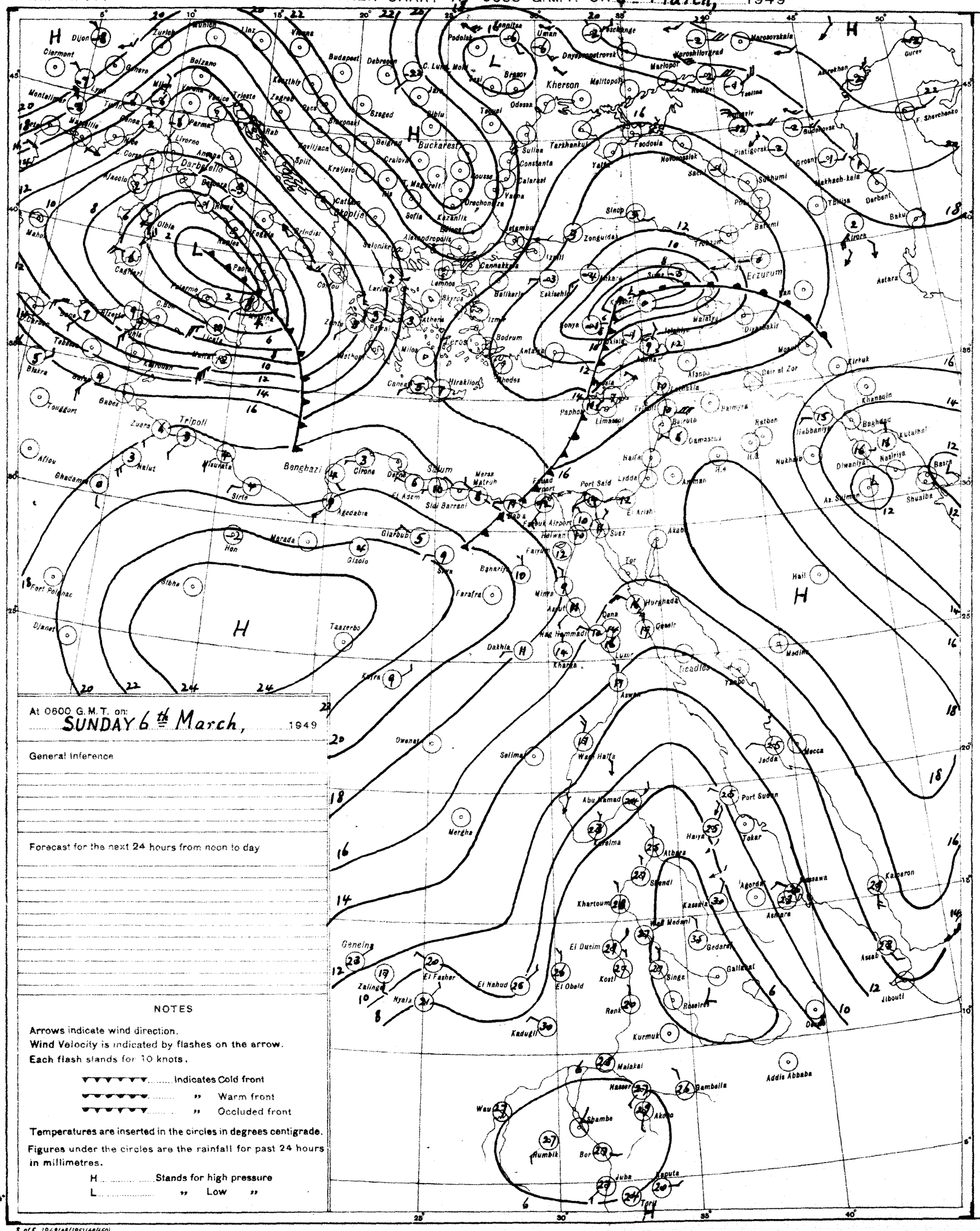
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 6th March, 1949


Dijon
Clermont
Zurich
Munich
Linz
Vienna
Budapest
Debrecen
Lemnitsa
Uman
Dnyepropetrovsk
Voroshilovgrad
Marioupol
Rostov
Taganrog
Maresovskaia
Astrakhan
Gurev
F. Shevchenko
Budenovsk
Grozny
Makhach-kala
Derbent
Baku
Tbilisa
Kirovs
Astara
Kherson
Melitopol
Odessa
Tecuci
Braila
Galati
Bucharest
Craiova
Belgrad
Szeged
Bibiu
Sibiu
Zagreb
Karlovac
Split
Kraljevo
Sofia
Kazanlik
Salonika
Alexandropolis
Istanbul
Izmit
Cannakkale
Balikesir
Eskisehir
Sinop
Zonguldak
Samsun
Tokat
Erzurum
Van
Diyarbakir
Mosul
Kirkuk
Khanaqin
Baghdad
Kutalhai
Basra
Nasiriya
Diwaniya
Az. Sulimaniya
Shualba
Nukhaib
Rutbah
Ratban
Tripoli
Benghazi
Sollum
Mersa Matruh
Cirene
Darna
El Adem
Sidi Barrani
Agedabia
Giarbub
Marada
Hon
Gizolo
Sirte
Zuara
Nalut
Ghadames
Aflou
Biskra
Touggort
Babes
Tebessa
Kairouan
Sousse
Bizerte
Tunis
Palermo
Messina
Catania
Brindisi
Foggia
Bari
Olbia
Cagliari
Ajaccio
Bastia
Livorno
Ancona
Parma
Venice
Trieste
Bolzano
Genova
Milan
Lyon
Marseille
Nice
Montpellier
Perpignan
Madrid
Valencia
Malaga
Tangier
Gibraltar
Lisbon
Porto
Coimbra
Corfou
Larissa
Lemnos
Skyros
Athens
Patrai
Zante
Milos
Mathon
Canea
Heraklion
Rhodes
Bodrum
Antalya
Konya
Ankara
Samsun
Tokat
Sivas
Malatya
Erzurum
Van
Aleppo
Deir el Zor
Palmyra
Damascus
Beirut
Haifa
Lydda
Amman
Jerusalem
Gaza
Port Said
Suez
Ismailia
Cairo
Fayoum
Helwan
Farouk Airport
Tor
Akaba
Hurghada
Qena
Luxor
Aswan
Wadi Halfa
Abu Hamad
Port Sudan
Tokar
Jedda
Mecca
Madina
Hail
Asmara
Massawa
Agordat
Kassala
Khartoum
Wad Medani
Gedaref
Atbara
Shendi
Kosti
El Dueim
Singa
Gallabat
Roseires
Renk
Kurmuk
Malakal
Nasser
Gambella
Addis Abbaba
Asab
Jibouti
Kabaron
Geneina
Zalingei
Nyala
El Fasher
El Nahud
El Obeid
Kadugli
Wau
Shambe
Akobo
Rumbik
Bor
Juba
Lokoja
Torit
Owenat
Selima
Merga
Fort Polignac
Djanet
Sibha
Tazerbo
Kufra
Bahariya
Farafra
Siwa
Dakhla
Kharga
Beadles
Yambo
Wadi Halfa
Aswan
Luxor
Qena
Hurghada
Gasalr
Madina
Mecca
Jedda
Port Sudan
Tokar
Haiya
Atbara
Shendi
Khartoum
Kassala
Asmara
Massawa
Agordat
Kabaron
Asab
Jibouti
Addis Abbaba
Gambella
Lokoja
Torit
Juba
Akobo
Bor
Rumbik
Wau
Shambe
Nasser
Malakal
Kurmuk
Renk
Roseires
Gedaref
Gallabat
Singa
Kosti
El Dueim
El Obeid
El Nahud
El Fasher
Nyala
Zalingei
Geneina
Kadugli
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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 No 7 F.

DAILY WEATHER REPORT

Date: MONDAY 7th MARCH, 1949

At 1200 on Tues. 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											
	62303	SÎDI BARÂNI											
	62306	MATRÛH											
	62309	EL DABA	360	20		01	1	4	Cu		15	59	7
		ALEXANDRIA											
	62318	FOUAD (Airport)	310	10	18	03	1	6	Cu.Sc	15.9	16	52	6
	62330	DAMIETTA	340	5	15	03	1	5	Sc	15.9	14	77	10
	62333	PORT SAÏD	340	11	30	03	0	1	Sc	16.2	16	49	5
	62336	EL 'ARISH											
Lower Egypt	62339	DAMANHUR	360	9	15	03	1	4	Cu	16.7	17	42	4
	62342	MANSURA	270	5	35	03	2	6	Sc.Cu	16.0	17	42	4
	62348	TANTA											
	62354	ZAGAZIG	320	2	15	03	1	4	Ac	16.3	19	37	4
	62441	ISMAÏLIA											
Cairo Area	62366	FAROUK (Airport)	290	12	50	03	1	3	Sc	16.2	18	46	6
	62372	ALMAZA	330	12	30	01	1	3	Cu,Ac	15.7	18	28	-1
		EZBEKIYA	320	10	35	03	0	3	Cu,Ac	16.0	18	29	-1
		GIZA	320	10	35	03	0	3	Cu,Ac	15.9	18	28	-1
	62378	HELWÂN	290	10	50	02	1	2	Cu	15.8	17	26	-3
Upper Egypt	62381	FAIYÛM											
	62387	MINYA	300	11	14	02	0	3	Ci	15.5	20	24	-1
	62393	ASYÛT MANFALOUT	340	9	30	02	0	1	Ci	14.3	20	30	2
	62399	NAG' HAMMADI											
	62402	QENA	290	9	35	02	1	4	Ac	11.9	24	21	0
	62405	LUXOR	340	15	30	03	1	3	Cb.Ac	11.8	23	24	1
	62414	ASWÂN											
Oases	62417	SÎWA											
	62420	BAHARÎYA											
	62423	FARAFRA	320	11	35	03	1	3	Ci	17.5	19	28	0
	62432	DAKHLA											
	62435	KHARGA											
Red Sea	62450	SUEZ	360	11	50	03	0	3	Cu	14.2			-1
	62459	TÛR											
	62462	HURGHÂDA											
	62465	QUSEIR											
	62641	PORT SUDÂN	60	16	10	00	0	0	—	7.0	27	79	23
North Sudan	62600	WÂDI HALFA	360	20	10	07	0	0	—	10.8	27	13	-4
	62640	ABU HAMAD	20	5		03	2	2	Ci	5.2	36	15	6
	62660	KAREIMA	20	11	30	00	0	1	Ci	4.3	36	15	6
	62680	'ATBARA	310	9	30	00	0	0	—	1.7	38	15	7
	62721	KHARTUM	20	9	30	03	0	1	Ci	0.2	41	18	12
	62730	KASSALA	50	9	30	00	0	0	—	98.0			7
Central Sudan	62751	WÂD MEDANI	360	9	35	00	0	0	—	98.8	41	9	2
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID											
	62760	EL FÂSHER	130	9	30	02	1	5	Cs		37	13	4
	62770	GENEINA	110	1	30	02	2	7	Cs		35	13	3
S. Sudan	62840	MALAKÂL	200	3	30	01	1	8	Ag Cs	1.3	39	17	10
	62880	WÂU	00	0	30	01	1	3	Cu,Ac	1.8	37	33	18

At 1800 on Tues. 6th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms.
SALUM	90	6	7	01	0	2		16.3	13	67	7	0
SÎDI BARÂNI	140	2		01	1	0	—	16.8	9	88	7	0
MATRÛH	60	1	12	02	2	7	Cb	16.9	10	73	6	0
EL DABA	270	10		01	1	3	Cu		13	67	7	0
ALEXANDRIA	360	3	7	01	5	3	Cu.Sc	16.3	14	55	5	dr.
FOUAD (Airport)	20	3	15	02	1	3	Sc	16.7	10	88	8	dr.
DAMIETTA	360	5		01	0	1	Cu	16.2	12	88	10	0
PORT SAÏD	360	11	18	01	0	0	—	16.2	14	67	8	0
EL 'ARISH	360	9	7	01	0	2	Cu	16.8	14	88	8	0
DAMANHUR	310	5	7	03	5	7	Cu.Sc	16.7	12	77	8	0.1
MANSURA	320	5	3	00	1	0	—	16.8	12	77	8	0
TANTA	270	2	35	02	1	3	Cu	17.5	13	77	9	0
ZAGAZIG	40	2	3	02	1	4	Ac	16.7	13	67	7	0
ISMAÏLIA												
FAROUK (Airport)	340	9	12	01	1	1	Sc	15.7	14	56	5	0
ALMAZA												
EZBEKIYA	30	5	15	00	1	0	—	16.0	14	48	3	0
GIZA	30	5	15	00	1	0	—	16.7	14	56	5	0
HELWÂN	340	6	15	03	2	5	Ci	15.8	14	36	-1	0
FAIYÛM	00	0	35	00	0	4	Ci	15.9	13	55	4	0
MINYA	320	1	8	03	0	0	—	15.4	14	36	-1	0
ASYÛT MANFALOUT												
NAG' HAMMADI	270	4	3	02	0	7	Ac	13.3	16	42	3	0
QENA	270	5	7	03	1	6	Ac	12.6	18	28	-1	0
LUXOR	100	5	30	03	2	4	Ac	13.0	18	52	8	0
ASWÂN	360	12	50	02	1	6	Sc.Cu	12.6	21	31	3	0
SÎWA	00	0	7	00	0	0	—	18.0	13	44	7	0
BAHARÎYA	320	3	15	02	1	4		16.8	18	34	-3	0
FARAFRA	320	3	7	03	1	5	Ac	17.6	12	44	0	0
DAKHLA	320	8	7	03	2	8	As,Ac	15.4	15	30	-3	0
KHARGA	00	0	15	01	1	4		14.8	17	26	-3	0
SUEZ	360	20	7	01	0	1	Cu	16.3	15	48	4	0
TÛR												
HURGHÂDA	310	20		03	2	6	Ac	12.4	18	52	8	0
QUSEIR	360	13	15	00	2	7	As	11.5	20	64	13	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on MONDAY 7th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	200	12	7	02	0	0	—	12.6		12	14		7		44	0	0		
SÎDI BARÂNI	180	10	50	02	0	0	—	14.2		8	14		6		71	3	0	235	
MATRÛH	230	14	18	00	0	0	—	15.1		10	15		5		71	5	0		
EL DABA	180	9		01	0	0	—			15			5		59	7	0	142	
ALEXANDRIA	130	4	30	02	2	3	Cu,Sc	16.0	-0.4	13	17	-4	11	-1	67	7	dr.	245	173
FOUAD (Airport)	180	7	15	19	1	5	Cu,Ac	16.0		12	17		10		77	8	dr.	260	134
DAMIETTA	320	5		03	1	3	Ci	15.3	-0.8	13	18		6		67	7	0	283	93
PORT SAÏD	260	6	15	20	5	6	Cu,Cb	15.6		14	18		12		72	9	dr.	52	
EL 'ARISH	220	5	30	03	2	4	Cu	15.8	-0.8	13	18	-2	6	-3	77	9	0		75
DAMANHUR	270	5	7	02	1	6	Ac	16.8	+0.3	12	19	-3	6		77	8	0.1	88	85
MANSURA	180	2	35	00	0	0	—	16.0	-0.2	11	20	-2	6	-3	88	9	0	27	42
TANTA	00	0	35	03	1	6	Cu	17.0	+0.2	9	21	-2	3	-5	95	9	0	24	33
ZAGAZIG	40	2	7	00	1	0	—	16.0	-0.6	11	22	-1	3	-5	88	9	0	15	22
ISMAÏLIA	160	2	3	02	0	0	—	16.0		12			7		63	5	0	11	
FAROUK (Airport)	290	2	12	03	1	2	Cu	16.2		10	19				76	6	0		
ALMAZA	260	4	9	03	0	3	Ac	16.0		10			7		76	6	0		
EZBEKIYA	340	5	15	03	0	1	Cu	17.0	+0.3	10	19	-5	7	-3	86	8	0	8	19
GIZA	340	5	15	03	0	1	Cu	16.0	-0.9	10	19	-4	4	-3	87	8	0	14	19
HELWÂN	00	0	15	06	1	2	Ac	16.2	-0.6	10	18	-5	7	-3	76	6	0	15	20
FAIYÛM	00	0	35	02	1	4	Ci	16.4	-0.2	13	20	-4	7	-2	67	7	0	6	7
MINYA	360	7	8	02	0	5	Ci	16.0		10	21		7		58	2	0	5	
ASYÛT MANFALOUT	360	5	18	02	0	6	Cs	15.1		10			6		58	2	0	0	
NAG' HAMMADI	270	2	7	00	0	3	Ci	15.1	-1.2	13	23		8		44	1	0	0	
QENA	270	3	15	00	0	0	—	14.2	-1.2	13	26	-3	8	-2	55	4	0	dr.	
LUXOR	00	0	30	02	1	2	Ci	14.6		14	25		8		52	4	0	dr.	
ASWÂN	20	6	50	00	0	0	—	14.0	-1.8	15	26	-3	14	0	33	0	0	dr.	
SÎWA	00	0	15	00	0	0	—	16.7	-1.6	8	18	-6	2	-5	58	0	0	0	7
BAHARÎYA	270	1	35	02	1	3	Cc	17.2	0.0	11	20	-4	5	-3	63	4	0	dr.	7
FARAFRA	160	4	35	02	1	5	Ci	17.6		11	19		4		47	0	0	dr.	
DAKHLA	270	6	36	00	0	0	—	15.6	-1.4	9	19	-8	7	-2	47	-2	0	dr.	
KHARGA	00	0	35	00	0	0	—	16.2	-0.3	14	22	-5	9	-1	36	-1	0	0	
SUEZ	00	0	15	00	0	0	—	15.6	-0.4	11	19	-4	7	-4	77	7	0	12	13
TÛR																		0	12
HURGHADA	320	15		00	0	5	Cu,Ac	12.6		16	19		11		49	5	0	dr.	
QUSEIR	360	19	15	00	1	3	As	12.3	-2.5	18	22	-2	15	-1	60	10	0	0	4
PORT SUDÂN	320	9	10	01	1	1	Sc,Ci	10.0		23	28		20		78	19	0	34	94
WÂDI HALFA	360	7	30	03	0	2	Ci	14.4		15	28		11		30	-3	0	tr.	
ABU HAMAD	50	13	30	03	2	4	Ci	8.7		20	37		18		21	-3	0		
KAREIMA	360	2	30	01	1	3	Ci	10.4		21	37		16		17	-5	0	3	1
'ATBARA	360	14	10	02	0	1	Ci	6.8		23	39		20		29	4	0	7	2
KHARTUM	340	13	30	02	1	3	Cs	8.1		24	41		24		30	5	0	10	4
KASSALA																		2	8
WÂD MEDANI	360	9	50	01	1	4	Ci	5.8		25	43		18		24	3	0	11	12
RENK																		0	49
ROSEIRES	310	2	35	00	0	0	—			29	44		23		25	7	0	2	37
EL OBEID	340	9	30	03	0	6	Ci	8.3		22	41		20		15	-6	0	0	16
EL FÂSHER	50	5	10	02	0	8	Ac			20	38		19		26	0	0	0	6
GENEINA	50	9	10	02	1	8	Cs			20	38		19		26	0	0		4
MALAKÂL	230	3	30	03	1	8	Cs	6.0		26	41		23		45	13	0	69	89
WÂU	00	0	14	02	1	7	Ag Ci	5.9		25	39		23		70	19	0	261	153
JUBA	200	5	30	03	2	8	Ag Cs	5.5		28	40		22		58	19	0	131	167

HUMIDITY

Mean of day %

STATION	on 6th	Diff. from normal
Alexandria	60	-5
Ezbekiya	61	0
Giza	66	+1
Helwân	56	+8

GIZA

GRASS MINIMUM TEMP.

ON 7th 1.0 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

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

Remarks

RAWINSONDE

FAROUK AIRPORT — On 7th At 3

Pressure mbs.	Height above M.S.L. Feet	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	128	8	83	120	8
950					
900					
850	1455	0	75	310	16
800					
700	2986	-8		280	22
600					
500	5509	-22		260	47
400		-31			
300	7022	-44			

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

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

UPPER WIND OBSERVATIONS on 6th

Station					Fouad A.P.																			
Time					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					280	14																		
600					300	10																		
1000					290	7																		
1500					280	8																		
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 7th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Saïd		El 'Arîsh		Helwân		Minya		Asyût Manqabad		Luxor		Aswân		Hurghada		Farouk	
Time	5				3						6 45		3				6 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	20	39			150	10					300	2	10	13			280	5					60	7
600	40	29			140	10					360	8	350	28			20	10					360	8
1000					140	12					320	15	350	31			10	14					330	10
1500					150	13					310	14	350	47									310	16
2000											310	10	50	10									290	13
3000											290	18											280	26
4000											290	27												
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Dakhla		Bahariya		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time			5		5		6		5				5		4				4		4 45		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			330	16	30	6	340	12	10	15														
600			340	17	350	10	340	20	10	22			20	16	350	26							320	13
1000			340	26	320	16	350	18	360	12			40	13	350	25			350	23	30	11	350	14
1500			330		310	16	310	17	330	12			20	12	340	11			40	29	320	2	360	17
2000					320	23	320	22					290	52	320	18							10	11
3000					300	35			290	34			290	8	300	19			100	2	60	2	30	15
4000																								
5000																								
6000																								
7000																								
8000																								

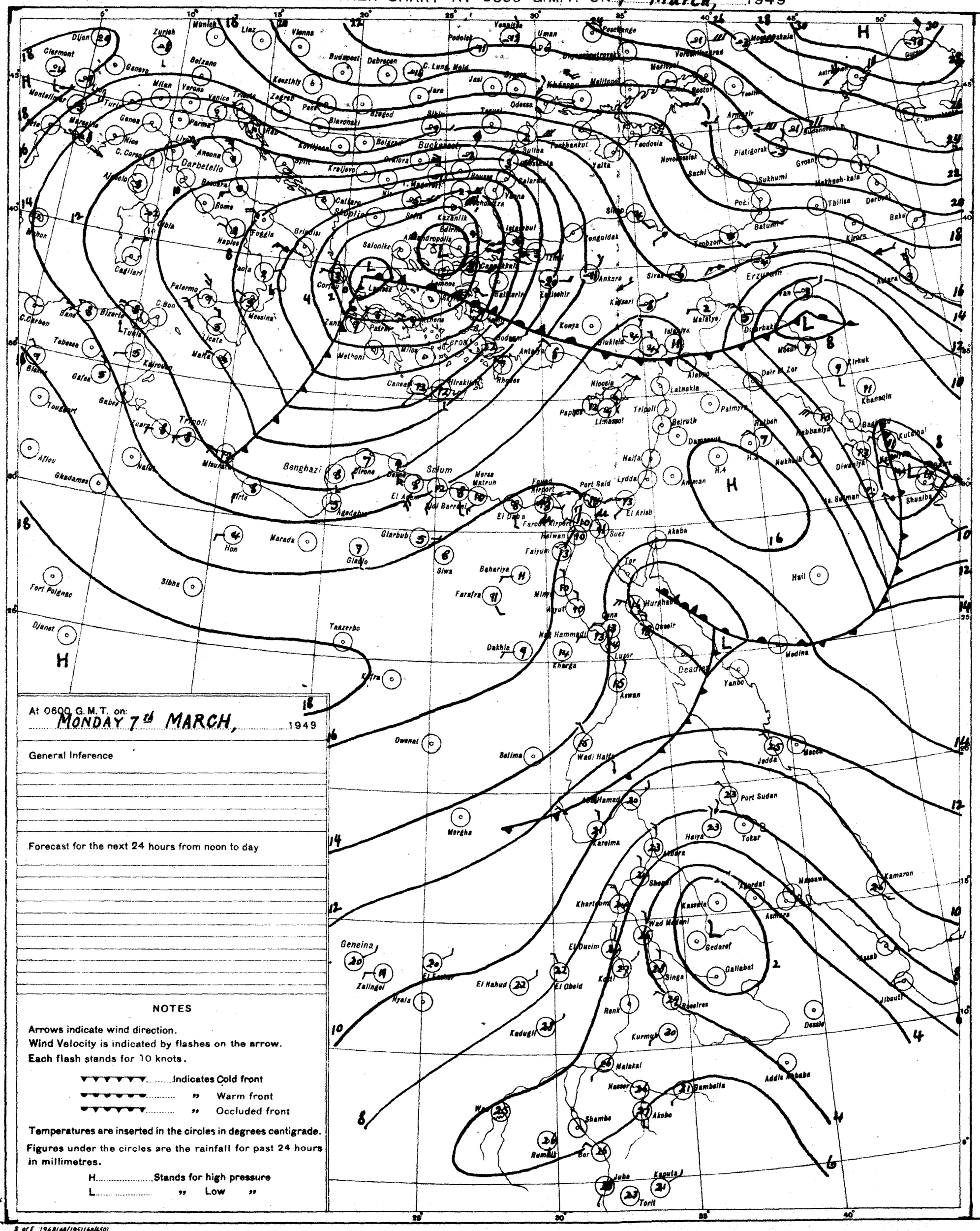
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 7th March, 1949


Dijon
Zurich
Munich
Linz
Vienna
Clermont
Geneva
Belzano
Budapest
Debrecen
Kecskemet
Milan
Verona
Venice
Trieste
Zagreb
Pecs
Szeged
Marseille
Nice
C. Corso
Ancona
Darbetello
Rome
Naples
Foggia
Brindisi
Cagliari
Palermo
Messina
Catania
Malta
Tunis
Bizerta
Tebessa
Kairouan
Gafsa
Gabes
Tripoli
Benghazi
Sirte
Misurata
Agedabia
Marada
Hon
Gladio
Siwa
Sibha
Fort Polignac
Djanet
Tanzerbo
Kufra
Owenat
Selima
Wadi Halfa
Aswan
Kharga
Dakhla
Farafra
Baharia
Faiyum
Minya
Asyut
Luxor
Qena
Deadrea
Yanbo
Medina
Jedda
Mecca
Port Sudan
Tokar
Haiya
Kareima
Atbara
Shendi
Khartoum
Wad Medani
Kassala
Gedaref
Gallabat
Asmara
Massawa
Kamaron
Aberdat
Geneina
Zalingei
El Fasher
Nyala
El Nahud
El Obeid
El Dueim
Kosti
Renk
Kadugli
Kurmuk
Malakal
Nasser
Bambelia
Akobo
Shambe
Bor
Rumbek
Juba
Kapoeta
Torit
Addis Ababa
Dessie
Jibouti
Berbera
Hargeisa
Dire Dawa
Harar
Gondar
Massaua
Port Said
Suez
Cairo
Ismailia
Lydda
Haifa
Beirut
Damascus
Amman
Akaba
Tor
Hurghada
Qeseir
Nicosia
Paphos
Limassol
Tripoli
Latakia
Aleppo
Palmyra
Deir El Zor
Mosul
Kirkuk
Khanaqin
Baghdad
Kutaibat
Shuaiba
Diwaniya
Nukhaib
Rutbah
Habbaniya
Ankara
Konya
Kayseri
Sivas
Malatya
Diyarbakir
Van
Erzurum
Trabzon
Batumi
Tbilisi
Baku
Derbent
Poti
Sukhumi
Mekhech-kala
Grozny
Astrakhan
Rostov
Taganrog
Kerch
Feodosia
Yalta
Sevastopol
Odessa
Kherson
Nikolaev
Kishinev
Bucharest
Constanta
Varna
Istanbul
Izmir
Rhodes
Antalya
Bodrum
Iraklion
Canea
Athens
Salonika
Sofia
Skoplje
Cattaro
Kragujevo
Belgrade
Sibiu
Tarnovo
Sulina
Tuzla
Zagreb
Pecs
Szeged
Debrecen
Budapest
Kecskemet
Jasi
Jara
Kishinev
Bucharest
Constanta
Galati
Brasov
Tarnovo
Sofia
Salonika
Athens
Corfu
Lemnos
Mytilene
Izmir
Bodrum
Antalya
Konya
Ankara
Eskisehir
Kayseri
Sivas
Tokat
Samsun
Trabzon
Erzurum
Van
Diyarbakir
Mosul
Kirkuk
Khanaqin
Baghdad
Kutaibat
Shuaiba
Diwaniya
Nukhaib
Rutbah
Habbaniya
Ar Ramadi
Ar Rutbah
Amman
Jerusalem
Lydda
Haifa
Beirut
Damascus
Aleppo
Latakia
Nicosia
Paphos
Limassol
Tripoli
Palmyra
Deir El Zor

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 No 7 F.

DAILY WEATHER REPORT

Date : TUESDAY 8th MARCH , 1949

Area	Index Number	Station	At 1200 on MON 7th Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
MEDITERRANEAN	62300	SALUM	180	19	7	03	1	1	Ac	9.3	21	41	7
	62303	SIDI BARANI			50	03	1		Cu		21	26	1
	62306	MATRUH	290	10	13	00	0	0	-	11.6	20	23	-2
	62309	EL DABA	320	9		01	0	0	-		19	35	-3
		ALEXANDRIA	40	6	50	02	1	3	Cu,Sc	12.0	16	49	5
	62318	FOUAD (Airport)	310	5	18	01	1	3	Cu	13.5	19	37	4
	62330	DAMIETTA	360	5	15	02	1	3	Fs,Ac	13.6	15	59	7
	62333	PORT SA'ID	360	8	30	01	3	3	Cu,Sc	14.0	16	52	6
	62336	EL 'ARISH	360	9	35	02	3	3	Cu	15.2	16	59	8
LOWER EGYPT	62339	DAMANHUR	40	9				4					4
	62342	MANSURA	20	5	35	03	2	7	Sc,Cu	14.0	16	59	8
	62348	TANTA		2	35			5	Cu		18	46	6
	62354	ZAGAZIG	320	2	15	02	1	4	Cu	13.1	19	37	4
	62441	ISMAILIA	350	5		03	2	8	Sc	13.4	17	42	4
CAIRO AREA	62366	FAROUK (Airport)	330	5	14	02	2	7	Cu	13.9	18	40	4
	62372	ALMAZA											
		EZBEKIYA	330	3	35	03	0	3	Cu	13.8	16	42	3
		GIZA	330	3	35	03	0	3	Cu	13.6	16	42	3
	62378	HELWAN	270	8	35	01	1	3	Cu	13.4	17	34	1
UPPER EGYPT	62381	FAIYUM	290	5	35	02	1	4	Cu,Sc	13.8	18	37	3
	62387	MINYA	20	8	15	01	1	2	Cu,Ci	13.3	19	30	1
	62393	ASYUT MANQABAD		5	30	02	0	2	Ci	12.6	19	28	0
	62399	NAG' HAMMADI	270	8	7	00	0	2	Ci	11.2	21	26	1
	62402	QENA	240	9	50	01	1	3	Ci	10.8	23	18	-3
	62405	LUXOR	330	9	30	02	0	4	Ci	10.5	22	25	1
	62414	ASWAN	340	6	50	03	1	3	As	11.2	22	21	-1
OASES	62417	SIWA	220					0	-	16.4	22	47	10
	62420	BAHARIYA	360	5	35	01	1	2	Ac	14.4	18	28	-1
	62423	FARAFRA	40	5	35	02	1	3	Ac	14.8	20	26	0
	62432	DAKHLA	360	8	50	00	0	2	St,As	13.0	19	23	-3
	62435	KHARGA	00	0	35	00	0	0	-	12.8	21	18	-4
RED SEA	62450	SUEZ	360	5	50	03	0	1	Cu	12.8	18	37	3
	62459	TOR	340	18	35	01	1	0	-	12.3	18	52	8
	62462	HURGHADA	330	24		02	1	5	Ci	10.6	18	52	8
	62465	QUSEIR	360	13	15	03	5	4	Ci	11.6	21	40	11
	62641	PORT SUDAN	50	17	10	01	1	1		6.7	27	42	13
NORTH SUDAN	62600	WADI HALFA											
	62640	ABU HAMAD											
	62660	KAREIMA	360	11	30	03	1	7	Cs	6.5	31	16	2
	62680	'ATBARA	340	9	10	02	1	3	Ci	2.5	35	15	5
	62721	KHARTUM											
	62780	KASSALA	360	9	30	00	0	0	-	98.8	40	20	13
CENTRAL SUDAN	62751	WAD MEDANI	50	5	35	01	1	4	Cc		39	13	6
	62801	RENK	50	9	50	00	0	0	-	4.2	39	23	14
	62802	ROSEIRES	340	5	50	00	0	0	-		33	12	8
	62771	EL OBEID	20	10	30	02	2	1		2.7	34	10	-2
	62760	EL FASHER	110	5	10	05	1	6	As				-1
	62770	GENEINA	70	3	10	02	1	8	Cs		33	7	-7
S. SUDAN	62840	MALAKAL	320		30	01	2	6		0.7	38	11	3
	62880	WAU	130	6	30			7	Ac,Ci	1.6	37	25	14
	62941	JUBA	20	5	30	03	1	6	Cu,Ac	0.3	37	27	15

Station	At 1800 on MON 7th Wind Direction	Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	220		7	03	0	8	Fs,Ac	7.1	18			dr
SIDI BARANI												
MATRUH	210	11	13	03	2	8	Sc	8.7	16	28	-3	0
EL DABA												
ALEXANDRIA	90	8	7	01	0	0	-	11.4	13	55	-4	0
FOUAD (Airport)	40	3	12	01	0	0	-	11.4	12	77	8	0
DAMIETTA	270	5		00	0	0	-	12.7	12	63	-5	0
PORT SA'ID	50	5	15	01	5	0	-	12.6	14	55	-5	dr
EL 'ARISH	40	5	15	01	0	1	Cu	12.7	13	67	-7	0
DAMANHUR	360	9	7	01	0	0	-	12.4	13	67	-7	0
MANSURA	40	2	3	00	1	0	-	13.0	11	77	-7	0
TANTA	220	2	35	01	1	5	Cu	13.0	15	39	-1	0
ZAGAZIG	40	1	3	00	1	0	-	12.8	13	77	-9	0
ISMAILIA	20	5	3	01	0	0	-	12.7	13	67	-7	0
FAROUK (Airport)	290	3	12	00	0	0	-	13.1	13	55	-4	0
ALMAZA												
EZBEKIYA	00	0	15	00	0	0	-	13.3	13	55	-4	0
GIZA	00	0	15	00	0	0	-	13.2	12	64	-5	0
HELWAN	290	3	15	02	0	0	-	12.6	14	48	-3	0
FAIYUM	00	0	35	01	0	0	-	12.0	13	55	-4	0
MINYA	00	0	8	00	0	0	-	12.6	13	44	-1	0
ASYUT MANQABAD												
NAG' HAMMADI	00	0	7	00	0	0	-	11.4	14	55	-5	0
QENA	270	5	11	00	1	0	-	11.9	14	55	-5	0
LUXOR	100	1	30	00	0	0	-	11.2	15	45	-3	0
ASWAN	360	8	50	02	1	5	Sc,Cu	10.7	19	30	-1	0
SIWA	00	0	7	00	0	0	-	12.8	13	55	-4	0
BAHARIYA	00	0	15	02	0	0	-	13.4	13	34	-3	0
FARAFRA												
DAKHLA	320	3	35	00	0	0	-	13.0	15			0
KHARGA	00	0	15	00	0	0	-	13.4	15	45	-3	0
SUEZ	360	3	15	01	0	0	-	11.4	15	39	-1	0
TOR	340	8	15	00	0	0	-	11.9	18	55	8	0
HURGHADA	310	15		02	2	4	Ci	10.2	18	52	8	0
QUSEIR	360	9	15	01	1	0	-	11.9	18	60	10	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

Station	At 0600 on TUESDAY 8th 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	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms Past 24 hrs	Total From Oct 1st	Normal From Oct 1st
SALUM	220	13	7	01	0	1	Cu,Sc	13.0		10	22		6		76	6	dr		
SIDI BARANI																			
MATRUH	330	15	12	02	1	5	Cb	10.4		11	21		9		59	4	0		
EL DABA	270	20		01	1	3	Cu	9.9		13			10		67	7	0	192	
ALEXANDRIA	270	19	50	03	1	6	Cb	8.8	-8.1	12	18	-3	16	-2	77	8	0	245	173
FOUAD (Airport)	220	21	12			7					19							240	134
DAMIETTA	200	5		03	2	8	Sc	8.0	-8.1	11	18		8		77	7	0	283	94
PORT SA'ID	170	12	15	02	2	8	Cu,As	8.1		12	18		12		77	8	dr	52	
EL 'ARISH	140	9	35	01	2	8	Cb	9.1	-7.5	12	16	-5	6	-4	77	8	0		75
DAMANHUR	210	9	15	01	1	4	Ac	8.6	-7.7	13	19	-3	7	-2	55	4	0	88	86
MANSURA	220	2	15	03	2	8	Sc	7.9	-8.3	10	19	-3	8	-1	76	6	0	37	43
TANTA	220	8	35	03	2	6	Cu	8.1	-8.7	10	20	-3	6	-2	62	3	0	24	33
ZAGAZIG	220	5	3	03	1	8	Cu	8.3	-8.2	10	21	-2	9	+1	76	6	0	15	22
ISMAILIA	180	2	3	02	2	8	Ci,Cs	8.7		12	20		10		77	8	0	11	
FAROUK (Airport)	220	23	12	03	1	7	Ac	9.6		13	19				38	-1	0		
ALMAZA	220	13	13	03	2	7	Ac	9.8	-6.8	11			10		51	1	0		
EZBEKIYA	180	8	15	03	0	4	Sc	9.8	-6.8	11	19	-5	8	-2	51	1	0	8	20
GIZA	180	8	15	03	0	4	Sc	10.2	-6.7	13	19	-4	7	-1	45	1	0	14	19
HELWAN	140	8	7	00	2	6	Ac	10.3	-6.5	9	18	-5	7	-3	62	2	0	15	21
FAIYUM	160	2	35	00	0	2	Cu,Sc	10.4	-6.1	11	19	-5	7	-2	81	1	0	6	7
MINYA	180	7	8	01	1	1	Cu,As	4.5		10	20		5		50	0	0	5	
ASYUT MANQABAD	00	0	18	00	0	8		11.6		12			6		44	0	0	0	
NAG' HAMMADI			15	00	0			12.7	-3.5	9	22		8		88	7	0	0	
QENA	270	6	35	00	0	0	-	12.3	-3.1	12	25	-4	5	-5	55	3	0	dr	
LUXOR			30	00	0	0	-	12.2		12	23		5		55	4	0	dr	
ASWAN	00	0	50	00	0	0	-	12.8	-2.9	16	24	-5	10	-4	49	5	0	dr	
SIWA	320	9	15	00	0	0	-	14.3	-3.9	11	23	-1			63	7	0	0	7
BAHARIYA	270	4	15	02	0	0	-	11.6	-5.6		21	-3	7	-1		-1	0	dr	7
FARAFRA																		dr	
DAKHLA	00	0	35	00	0	0	-	13.0	-3.9	8	21	-6	3	-6	31	-8	0	dr	
KHARGA	00	0	35	00	0	0	-	13.5	-3.1	10	21	-7	4	-6	38	-4	0	0	
SUEZ	180	5	15	00	1	7	As	10.0	-6.0	13	20	-3	8	-3	67	7	0	12	13
TOR	20	6	35	02	2	0	-	10.0	-5.2	13	19	-4	9	-3	55	4	0	dr	12
HURGHADA	260	8		00	0	0	-	10.6		13	19		7		34	-3	0	dr	
QUSEIR	270		15					10.7		17	21	-3	12				0	0	4
PORT SUDAN	320	2	30	02	2	7	Ci,Cs	8.9		22	29		18		74	17	0	34	94
WADI HALFA	00	0	30	02	0	3	Ci	13.9		12	25		8		36	-3	0	6	
ABU HAMAD	20	9	30	03	0	3	Ci,Cs	11.7		18	31		13		17	-8	0		
KAREIMA	20	9	30	00	0	0	-	11.9		24	32		14		12	-8	0	3	1
'ATBARA	340	13	4	07	0	0	-	9.2		21	36		18		18	-4	0	7	2
KHARTUM	340	10	30	03	1	6	Ci	9.4		21	39		19		28	2	0	10	4
KASSALA	340	2	30	00	0	0	-	6.7		22	41		17		36	6	0	2	8
WAD MEDANI	360	9	50	02	1	7	Ci	8.6		22	41		17		29	3	0	11	12
RENK	50	5	50	00	0	0	-	9.5		27	34		20		17	0	0	0	49
ROSEIRES	310	2	35	00	0	0	-			26	34		18		17	5	0	2	37
EL OBEID	360	7	30	02	2	8		10.2		30	37		18		15	-8	0	0	16
EL FASHER	50	5	30	02	0	6	Ci			17	35		14		28	-2	0	0	6
GENEINA	70	5	30	02	2	7	Cs			19	35		19		23	-3	0		4
MALAKAL	20	11	30	00	0	7		6.9		25	41		21			1	0	69	89
WAU																		154	
JUBA	360	19		98	2	8	Cb,Ac	11.5		23	38				78	19	3	134	168

HUMIDITY %

STATION	Mean of day on 7th	Diff. from normal
Alexandria	60	-5
Ezbekiya	68	+8
Giza	72	+7
Helwan	58	+10

GIZA

GRASS MINIMUM TEMP. ON 8th 2.2 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — Farouk AIRPORT — On 8th At 3

Pressure mbs.	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	70	11	51	180	10
950					
900					
850	1415	4	41	270	38
800					
700	2957	-8		270	51
600					
500	5481	-27		260	59
400		-32			
300	7032	-44			

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

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

UPPER WIND OBSERVATIONS on 7th

Station			Minia																							
Time			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			10	12																						
600			10	12																						
1000			20	11																						
1500			20	10																						
2000																										
3000																										
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 8th

Station	Sidi Barani		Matruh		Fouad Airport		Port Sa'id		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		Farouk Airp.	
Time											6	45			9	45	5	15					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											170	10			300	15	210	40					200	18
600											220	20			290	20	320	3					220	23
1000											260	28			280	23	330	20					240	25
1500											270	35			290	25							270	38
2000															290	37							270	43
3000																							270	51
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	5		5		5				5		4		6	15	4				4	30	4	45	4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	340	26	310	25	290	8	190	4	30	6														
600	20	36	310	36	280	18	230	10	10	16	360	20	30	13	350	11							30	16
1000	320	36	310	36	270	23			350	22	350	19	20	26	10	21			20	23	20	10	30	19
1500	320	39	290	14					350	25	310	18	360	18					10	9	50	20	60	59
2000	310	43									290	27	310	10	340	15			20	7	70	6	160	12
3000											270	36	320	12	250	21			350	12			120	10
4000											270	33							340	15				
5000																								
6000																								
7000																								
8000																								

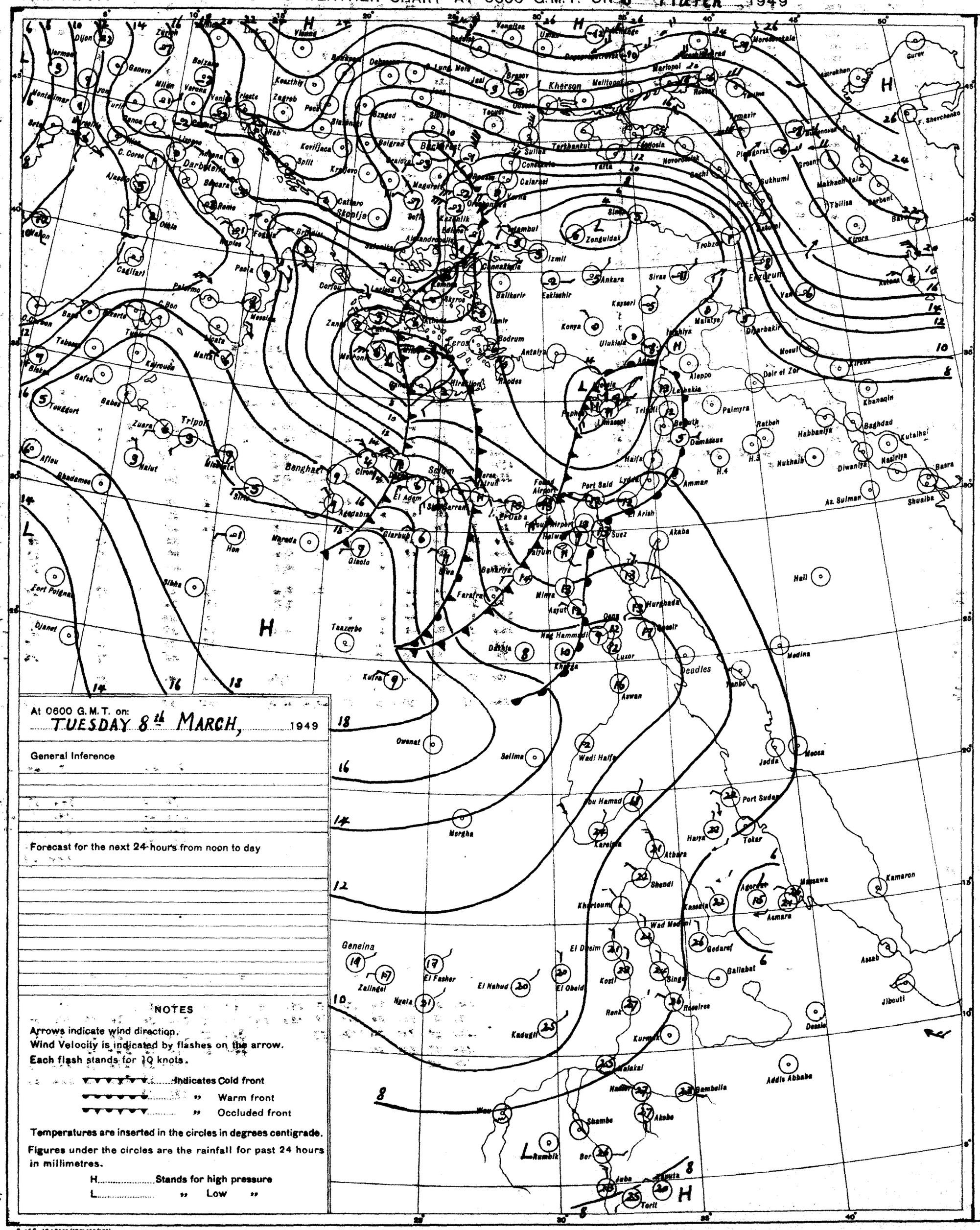
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 8th March 1949


Vienna
Kherson
Bucharest
Sofia
Istanbul
Zonguldak
Ankara
Sivas
Erzurum
Trabzon
Tbilisa
Kirovo
Rostov
Taganrog
Sukhumi
Groznyi
Makhachkala
Baku
Astrakhen
Gurev
F. Shevchenko
Tashkent
Kazalinsk
Orenburg
Novorossiysk
Sochi
Yalta
Feodosia
Simferopol
Odessa
Kishinev
Bucharest
Constanta
Calarasi
Varna
Belgrad
Skoplje
Salonika
Athens
Lemnos
Mytilene
Chios
Samos
Rhodes
Bodrum
Antalya
Konya
Eskisehir
Kayseri
Malatya
Diyarbakir
Mosul
Kirkuk
Khanaqin
Baghdad
Kutaiba
Nasiriya
Basra
Shuaiba
Az Sulman
Diwaniya
Habbaniya
Nukhaib
H.3
H.4
Ratbah
Palmyra
Damascus
Beirut
Tripoli
Latakia
Aleppo
Dair el Zor
Haifa
Lydda
Amman
Port Said
El Arish
Suez
Akaba
Tor
Hurghada
Qena
Luxor
Aswan
Deadles
Medina
Yanbo
Jedda
Mecca
Port Sudan
Tokar
Hailya
Athara
Shendi
Khartoum
Kassala
Asmara
Massawa
Kamaron
Assab
Jibouti
Dessie
Addis Abbaba
Gambella
Akobo
Wau
Shambe
Bor
Rumbik
Juba
Torit
Kapoeta
Malakal
Kurmuk
Roseires
Renk
Kosti
Singa
Gallabat
Gedaref
Kassala
El Obeid
El Nahud
El Fasher
Geneina
Zalingei
Nyala
Kadugli
El Dueim
Wad Medani
Atbara
Berber
Abu Hamad
Wadi Halfa
Kareima
Merowe
Dongola
Kufra
Owenat
Selima
Mergha
Sibha
Tazerbo
Marada
Hon
Gialo
Agedabia
Benghazi
Cirene
Tobruk
El Adem
Sidi Barrani
Mersa Matruh
Alexandria
Cairo
Fayum
Minya
Asyut
Farafra
Bahariya
Siwa
Kufra
Tripoli
Zuara
Nalut
Ghadames
Aflou
Fort Polignac
Djanet
Touggort
Biskra
Gafsa
Tebessa
Tunis
Kairouan
Sfax
Gabes
Medenine
Malta
Palermo
Messina
Naples
Rome
Ancona
Bologna
Milan
Genoa
Marseille
Nice
Cagliari
Ajaccio
C. Corso
Bastia
Livorno
Pisa
Florence
Bari
Brindisi
Taranto
Catania
Pantelleria
Tripoli
Benghazi
Malta
Corfu
Lecce
Zante
Patras
Athens
Lemnos
Mytilene
Chios
Samos
Rhodes
Bodrum
Antalya
Konya
Eskisehir
Kayseri
Malatya
Diyarbakir
Mosul
Kirkuk
Khanaqin
Baghdad
Kutaiba
Nasiriya
Basra
Shuaiba
Az Sulman
Diwaniya
Habbaniya
Nukhaib
H.3
H.4
Ratbah
Palmyra
Damascus
Beirut
Tripoli
Latakia
Aleppo
Dair el Zor
Haifa
Lydda
Amman
Port Said
El Arish
Suez
Akaba
Tor
Hurghada
Qena
Luxor
Aswan
Deadles
Medina
Yanbo
Jedda
Mecca
Port Sudan
Tokar
Hailya
Athara
Shendi
Khartoum
Kassala
Asmara
Massawa
Kamaron
Assab
Jibouti
Dessie
Addis Abbaba
Gambella
Akobo
Wau
Shambe
Bor
Rumbik
Juba
Kapoeta
Torit

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 No 7 F.

DAILY WEATHER REPORT

Date: WEDNESDAY 9th MARCH, 1949

At 1200 on TUES 8th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
MEDITERRANEAN	62300	SALUM	220	18	7	03	1	4	Ac	12.4	16	42	3
	62303	SIDI BARÂNI	290	18	50	50	2	7	Sc.Cb	12.0	12	77	8
	62306	MATRÛH	350	23		02	6	5	Ac	11.0	14		
	62309	EL DABÂ	320	26		01	1	4	As	10.2	15	45	3
		ALEXANDRIA											
	62318	FOUAD (Airport)	260	23	12	03	2	7	Sc	9.7	15	63	8
	62330	DAMIETTA	320	5	15	01	1	4	Cu	8.3	16	59	8
	62333	PORT SAÏD	270	16	30	01	8	2	Cb	8.4	17	52	7
	62336	EL 'ARISH	320	13	15	05	3	3	Cu	7.2	17	52	7
LOWER EGYPT	62339	DAMANHUR	310	24	15	02	6	4	Cu	9.5	16	49	5
	62342	MANSURA	220	5	35	03	2	6	Cu	8.8	18	37	3
	62348	TANTA	270	8	35	01	2	5	Cu	9.8	18	46	6
	62354	ZAGAZIG	250	9	7	01	1	4	Cu	9.4	18	52	8
	62441	ISMAÏLIA	270	5	11	02	2	8	Sc	9.3	19	37	4
CAIRO AREA	62366	FAROUK (Airport)	270	17	12	03	5	4	Sc	9.5	18	32	1
	62372	ALMÂZA	310	14	30	02	2	5	Cu.Sc	9.4	18	40	4
		EZBEKÎYA	320	11	35	03	0	4	St	9.8	18	37	3
		GÎZA	320	11	35	03	0	4	Sc	10.3	18	40	4
	62378	HELWÂN	290	15	35	02	1	5	Cu	9.6	18	28	-1
UPPER EGYPT	62381	FAIYÛM	360	8	35	03	1	5	Cu.Sc	11.8	19	37	4
	62387	MINYA	340	16	12	00	0	1	Cu	10.9	21	18	-4
	62393	ASYÛT MANQABÂD	340	19	10	07	3	0	-	9.9	22	31	4
	62399	NAG' HAMMÂDI	290	4	15	00	0	0	-	10.0	24	30	5
	62402	QENA	240	9	50	00	0	0	-	9.8	24	22	1
	62405	LUXOR	290	13	30	00	0	0	-	9.1	24	22	1
	62414	ASWÂN	290	7	50	00	0	0	-	10.4	25	21	1
OASES	62417	SÎWA	320	10	15	00	0	0	-	15.4	19	46	7
	62420	BAHARÎYA	320	4	35	02	0	0	-	12.0	18	28	-1
	62423	FARAFRA	340	20	15	09	3	0	-	14.4	18	30	0
	62432	DAKHLA	320	27	3	07	3	0	-	12.3	22	21	-1
	62435	KHARGA	340	8	35	00	0	0	-	11.6	24	18	-2
RED SEA	62450	SUEZ	310	9	15	01	0	5	Ac	8.7	17	42	4
	62459	TÛR	340	8	15	00	0	0	-	8.7	22	44	9
	62462	HURGHADA	290	20		03	2	4	Cu	7.8	23	24	1
	62455	QUSEIR	90	9	15	02	0	0	-	9.4	20	46	8
	62641	PORT SÛDÂN	30	17	10	03	2	5	Cu.Ci	7.4	26	55	16
NORTH SÛDÂN	62600	WÂDI HALFA	340	18	30	03	0	5	Ci	11.1	25		
	62640	ABU HAMAD											
	62660	KAREIMA								9.2	29	22	5
	62680	'ATBARA											
	62721	KHARTÛM	20	13	10	05	2	5	Ci	6.7	33	12	0
	62730	KASSALA	340	9	10	07	1	8	Cs	1.6	36	22	11
CENTRAL SÛDÂN	62751	WÂD MEDANI	360	9	35	02	2	7	Ci	3.6	34		
	62801	RENK	50	9	50	00	0	0	-	3.1	35		
	62802	ROSEIRES	310	2	35	00	0	0	-		38	15	7
	62771	EL OBEID	20	11	10	02	2	8	Cs	4.7	31	6	-11
	62760	EL FÂSHER	70	5	30	03	1	6	Ci		33	8	-5
	62770	GENEINA	310	3	30	00	1	1	Ci		35	10	-1
S. SÛDÂN	62840	MALAKÂL	310	4	30	02	1	1	Ci	2.0	38	11	3
	62880	WÂU	00	0	30	02	2	8	Ci.Cs	1.8	37	24	13
	62941	JUBA	340	5	30	01	9	8	Ac.Cs	4.8	37	33	19

At 1800 on TUES 8th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	320	5	7	02	0	3	Ac	13.6	10	88	8	0
SIDI BARÂNI	290	19	35	02	5	7	Ac	13.5	11	77	7	R
MATRÛH	300	11	12	25	2	6	Cb	12.3	14	55	5	R
EL DABÂ	270	16		01	1	2	Cu		14	48	3	0
ALEXANDRIA	270	16	14	03	6	7	Cb	11.4	13	44	1	3
FOUAD (Airport)	290	16	12	25	8	5	Cu.Sc	11.2	12	59	4	6
DAMIETTA	40	9		01	6	1	Cu	9.9	12	77	8	5
PORT SAÏD	260	19	12	03	0	3	Cb	10.2	14	67	8	1
EL 'ARISH	220	19		02	1	4	Cb	10.4	13	67	7	dr
DAMANHUR	310	9	3	01	6	3	Cu	10.6	13	67	7	2
MANSURA	220	9	3	20	5	6	Cb	11.0	11	88	9	dr
TANTA	220	8	7	03	2	8	St	11.9	11	77	7	0
ZAGAZIG	220	2	3	00	1	0	-	11.1	10	88	8	0
ISMAÏLIA	290	2	7	01	0	0	-	10.4	13	55	4	0
FAROUK (Airport)	300	8	12	00	0	0	-	12.4	13	63	6	dr
ALMÂZA	310	6	12	00	2	0	-	11.7	13	55	4	dr
EZBEKÎYA	00	0	15	03	0	0	-	12.2	13	55	4	dr
GÎZA	00	0	15	03	0	0	-	12.4	12	60	4	0
HELWÂN	320	7	7	01	0	0	-	11.9	13	55	4	0
FAIYÛM	00	0	35	01	0	0	-	12.0	14	48	3	0
MINYA	330	5	8	00	0	0	-	12.5	12	33	-4	0
ASYÛT MANQABÂD												
NAG' HAMMÂDI	270	1	7	00	0	2	As	12.3	15	39	1	0
QENA	240	9	7	00	0	0	-	11.6	16	32	-1	0
LUXOR	320	4	12	00	0	0	-	12.0	16	42	3	0
ASWÂN	360	8	50	02	1	4	Sc,Cu	12.4	20	28	1	0
SÎWA	00	0	7	00	0	0	-	15.2	13	55	4	0
BAHARÎYA	320	3	35	02	0	0	-	13.4	14	27	-5	0
FARAFRA												
DAKHLA	320	1	35	00	0	0	-		16	24	-5	0
KHARGA	00	0	15	00	0	0	-	14.0	17	39	3	0
SUEZ	310	5	7	01	0	0	-	11.8	14	55	5	0
TÛR	360	6	15	00	0	0	-	10.6	16	42	3	0
HURGHADA	310	23		00	0	0	-	10.0	18	52	8	0
QUSEIR	40	9	15	02	0	0	-	10.0	20	46	8	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on WEDNESDAY 9th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Bar. Pressure Diff. from normal mbs	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	270	14	7	03	2	7	Ac	14.3		12	18		5		63	5	0		
SIDI BARÂNI	320	10	50	50	6	8	Cu	14.3		11	17		8		77	7	2	237	
MATRÛH	300	15	12	02	6	6	Cb	13.3		9	17		8		76	5	Rain		
EL DABÂ	270	20		01	1	6	Cb			10			7		88	8	4	146	
ALEXANDRIA	270	19	50	03	6	7	Cb	12.2	-4.1	11	17	-4	9	-3	77	7	6	251	173
FOUAD (Airport)	300	17	15	03	8	6	Cu.Sc	11.6		12	15		8			4	9	249	134
DAMIETTA	220	5		03	1	3	Cu	10.8	-5.2	13	17		5		72	8	16	299	94
PORT SAÏD	260	23	12	03	2	7	Cu.Sc	10.9		10	18		10		88	8	1	53	
EL 'ARISH	220	13	35	01	1	3	Cu	10.6	-6.0	13	19	-2	5	-5	67	7	dr		75
DAMANHUR	270	19	3	03	6	7	Cb	12.2	-4.1	12	17	-5	8	-1	88	10	5	93	86
MANSURA	270	3	15	20	6	6	Fs.Sc	13.0	-3.2	10	19	-3	8	-1	88	8	1	38	43
TANTA	220	20	7	03	6	8	Cb	13.1	-3.7	9	19	-4	6	-2	88	7	0.6	24	33
ZAGAZIG	220	2	3	03	1	8	Cu	13.9	-2.6	10	20	-3	7	-1	76	6	0	15	22
ISMAÏLIA	250	9	3	51	5	8	Ns	12.8		10	20		8		76	6	dr	11	
FAROUK (Airport)	220	17	14	02	1	3	Ac	13.5		11	19				63	4	dr		
ALMÂZA	250	6	12	03	1	4	Sc	13.2	-3.4	11	18		8		63	4	0		
EZBEKÎYA	270	13	15	03	0	8	Cu	14.0	-2.6	12	19	-5	9	-1	55	3	dr	8	20
GÎZA	270	13	15	03	0	3	Cu	14.3	-2.5	13	20	-3	6	-2	52	4	dr	14	19
HELWÂN	200	5	35	01	1	5	Ac,Cu	14.7	-2.0	10	18	-5	8	-2	76	6	0	15	21
FAIYÛM	200	5	35	03	2	8	St	15.1	-1.4	11	19	-5	8	-1	63	4	0	6	7
MINYA	190	3	8	02	2	7	Ac	15.9		9	22		2		47	-2	0	5	
ASYÛT MANQABÂD			18	00	0	0	-	16.1		10			6		50	0	0	0	
NAG' HAMMÂDI	270	2	3	00	0	0	-	15.1	-1.1	13	24		5		44	1	0	0	
QENA	240	5	15	00	0	0	-	15.4	+0.1	13	25	-4	8	-3	44	1	0	dr	
LUXOR	00	0	12	00	0	0	-	14.9		15	25		6		54	2	0	dr	
ASWÂN	00	0	50	00	0	0	-	15.9	+0.3	13	25	-4	10	-4	34	-3	0	dr	
SÎWA	00	0	15	00	0	0	-	16.8	-1.4	10	22	-2	2	-5	88	8	0	0	7
BAHARÎYA	360	9	35	02	2	0	-	15.5	-1.6	13	19	-5	6	-2	31	-4	0	dr	7
FARAFRA																			
DAKHLA	00	0	35	00	0	0	-	15.6	-1.2	9	23	-4	4	-5	47	-2	0	dr	
KHARGA	00	0	35	00	0	0	-	16.3	0.0	12	24	-4	6	-4			0	0	
SUEZ	00	0	35	00	0	3	Cu	14.3	-1.7	13	22	-1	8	-4	55	4	0	12	13
TÛR	20	8	15	00	0	5	Ci	12.4	-1.8	12	22	-1	10	-2	63	5	0	dr	12
HURGHADA	290	10		00	0	2	Cu.Ci	13.6		15	25		8		39	1	0	dr	
QUSEIR	270	9	15	00	0	2	Ci	13.8	-0.8	17	24	-1	14	-2	34	1	0	0	4
PORT SÛDÂN	320	10	30	02	0	2	Ci	11.8		23	27		15		41	9	0	34	94
WÂDI HALFA	20	2	50	05	0	1	Ci	15.6		13	27		9		34	-3	0	4	
ABU HAMAD	20	19	30	02	0	2	Ci	12.4		17	28		12		14	-11	0		
KAREIMA																	0	3	1
'ATBARA																	0	7	2
KHARTÛM	360	11	30	03	1	3	Ci	11.9		20	34		15		35	4	0	10	4
KASSALA	20	2	30	00	0	0	-	8.6		25	38		13		39	10	0	2	8
WÂD MEDANI	50	9	50	00	0	0	-	10.8		20	35		13		15	-8	0	11	12
RENK	360	13	50	00	0	0	-	11.1		24	35		17		13	-7	0	0	49
ROSEIRES	360	9	35	00	0	0	-			22	39		20		17	-3	0	2	37
EL OBEID	30	14	30	01	1	2	Ci	11.3		20	33		15		9	-13	0	0	16
EL FÂSHER	20	7	30	00	0	2	Ci			17	35		12		17	-7	0		6
GENEINA	50	11	30	01	0	5	Ci			19	37		18		10	-13	0		4
MALAKÂL	50	6	7	06	0	2	Ac	9.5		25	39				13	-6	0	69	89
WÂU	00	0	30	00	1	0	-	7.4		25	39		23		45	12	0	261	154
JUBA	20	5	30	03	1	7	Ac	8.3		24	40		22		74	19	14	145	169

HUMIDITY % Mean of day

STATION	On 8th	Diff. from normal
Alexandria	63	-2
Ezbekiya	47	-13
Gîza	48	-17
Helwân	48	+1

GÎZA GRASS MINIMUM TEMP. ON 9th 3.2 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At

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

Remarks

RAWINSONDE — On ... At ... AIRPORT

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

RAWINSONDE — On ... At ... ORT

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

UPPER WIND OBSERVATIONS on 8th

Height m.	MINYA Time 14 30 Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	10	15										
600	260	13										
1000	360	16										
1500	350	16										
2000												
3000												
4000												
5000												
6000												
7000												
8000												

Height m.	Khartoum Time 15 Dir.	Vel.	Dir.	Vel.	Kassala Time 15 Dir.	Vel.	Dir.	Vel.	El Fasher Time 15 Dir.	Vel.	Dir.	Vel.
300												
600	360	17			330	17						
1000	360	26			340	20			90	14		
1500	10	16			360	11						
2000					10	6			10	46		
3000												
4000												
5000												
6000												
7000												
8000												

UPPER WIND OBSERVATIONS on 9th

Height m.	SIDI BARÂNI Time 5 Dir.	Vel.	MATRÛH Dir.	Vel.	FOUAD AIRPORT Time 4 Dir.	Vel.	PORT SAÏD Dir.	Vel.	EL 'ARÎSH Dir.	Vel.	HELWÂN Time 7 30 Dir.	Vel.
300	310	17			300	28					280	19
600	310	18			300	31					270	18
1000	300	22			300	32					280	18
1500					290	33					280	30
2000												
3000												
4000												
5000												
6000												
7000												
8000												

Height m.	MINYA Time 3 Dir.	Vel.	ASYÛT MANQABÂD Time 9 30 Dir.	Vel.	LUXOR Time 6 Dir.	Vel.	ASWÂN Dir.	Vel.	HURGHADA Dir.	Vel.	Dir.	Vel.
300	360	13	260	5	350	8						
600	360	18	290	9	340	15						
1000	10	16	290	11	320	13						
1500	10	22	310	19								
2000			290	28								
3000												
4000												
5000												
6000												
7000												
8000												

Height m.	SÎWA Time 5 Dir.	Vel.	BAHARÎYA Time 5 Dir.	Vel.	DAKHLA Time 5 Dir.	Vel.	KHARGA Dir.	Vel.	WÂDI HALFA Time 5 Dir.	Vel.	ABÛ HAMAD Dir.	Vel.
300	330	19	300	9	340	10	310	7	10	9		
600	330	17	300	11	340	19			20	19		
1000	320	16	270	17	340	18			60	16		
1500	300	28	300	36	320	27			50	11		
2000	290	25	290	36					320	7		
3000			290	4					230	10		
4000												
5000												
6000												
7000												
8000												

Height m.	KAREIMA Time 5 15 Dir.	Vel.	KHARTÛM Dir.	Vel.	KASSALA Dir.	Vel.	EL OBEID Time 4 45 Dir.	Vel.	EL FÂSHER Dir.	Vel.	MALAKÂL Time 4 Dir.	Vel.
300												
600	30	14									30	20
1000	30	16					30	21			30	26
1500	20	10					30	12			50	30
2000	350	17					360	7				
3000												
4000												
5000												
6000												
7000												
8000												

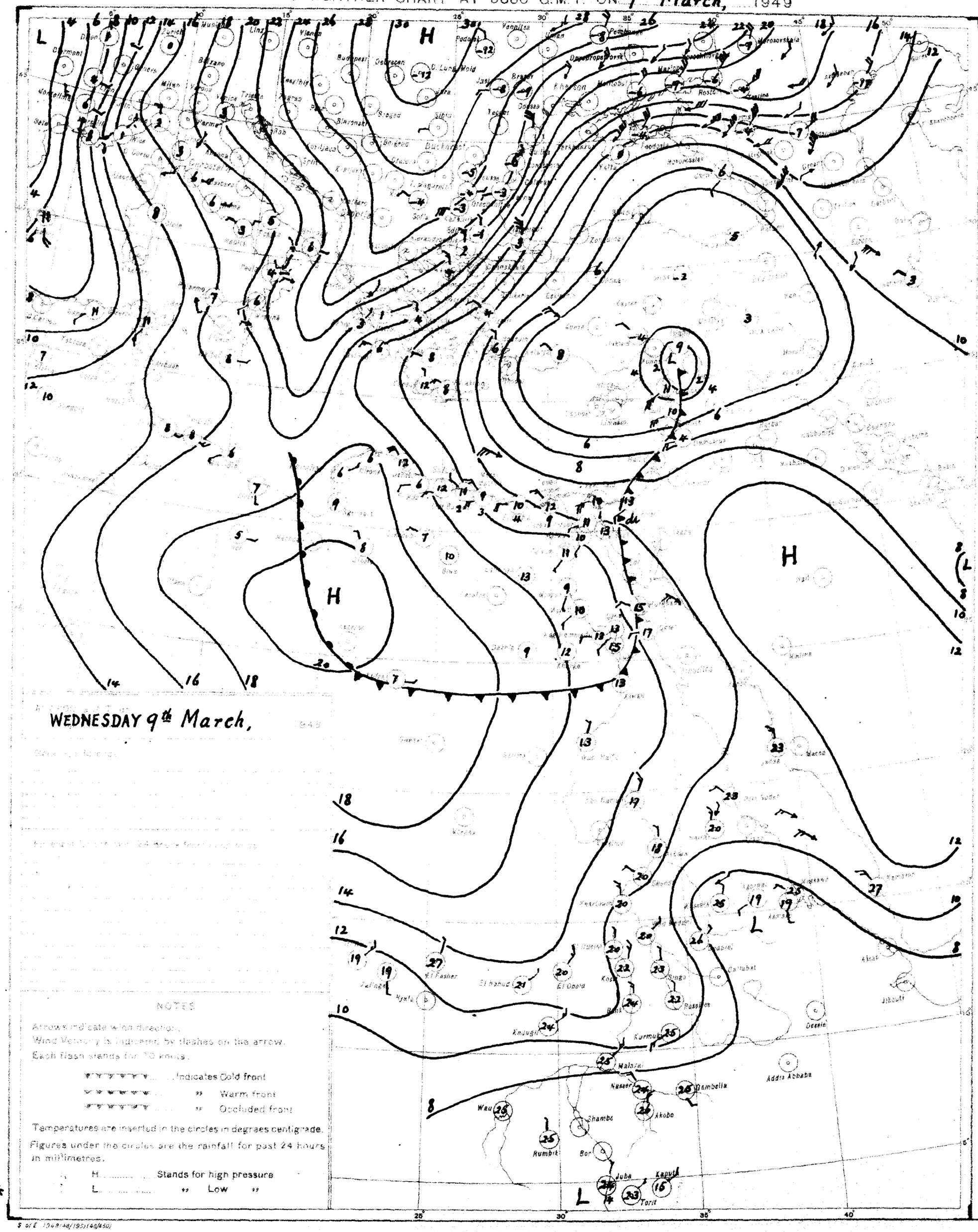
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 9th March, 1949


WEDNESDAY 9th March,
H
L
Dublin
Zurich
Munich
Linz
Vienna
Budapest
Debrecen
Bucharest
Odessa
Tiflis
Kharkov
Rostov
Kazan
Sverdlovsk
Tashkent
Alma Ata
Khabarovsk
Irkutsk
Omsk
Tomsk
Novosibirsk
Moscow
Leningrad
Helsinki
Stockholm
Oslo
Copenhagen
Berlin
Prague
Warsaw
Rome
Milan
Venice
Trieste
Athens
Sofia
Belgrade
Ankara
Tripoli
Cairo
Khartoum
Addis Ababa
Asmara
Aden
Jibouti
Gambella
Akobo
Malakal
Kurmuk
Kadugli
El Fasher
El Obeid
Wau
Rumbik
Shambe
Bor
Juba
Kapoeta
Torit
Nairobi
Mombasa
Dar es Salaam
Tanga
Zanzibar
Lindi
Mtwara
Beira
Tete
Salisbury
Bulawayo
Lusaka
Ndola
Kitwe
Mbeya
Tabora
Mwanza
Kisumu
Eldoret
Lake Victoria
Lake Tanganyika
Lake Rudolf
Lake Albert
Lake Kivu
Lake Tana
Lake Nyasa
Lake Mweru
Lake Bangweulu
Lake Kariba
Lake Chad
Lake Victoria
Lake Nyasa
Lake Tanganyika
Lake Rudolf
Lake Albert
Lake Kivu
Lake Tana

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 No 7 F.

DAILY WEATHER REPORT

Date: THURSDAY 10th MARCH, 1949

At 1200 on WED. 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	320	12	7	03	2	8	Ac	14.7	14	67	8
	62303	SÎDI BARÂNI	320	15	50	02	6	8	Sc.Cu	14.6	12	77	8
	62306	MATRÛH											
	62309	EL DABÂ	270	20		01	6	6	St				5
		ALEXANDRIA	270	16	50	03	5	7	Cb	10.6	14	48	3
	62318	FOUAD (Airport)	300	24	15	02	9	7	Cu.Sc	10.6	14	59	6
	62330	DAMIETTA	220	9	15	03	2	6	Cu.Sc	9.5	15	48	4
	62333	PORT SAÏD	250	17	18	02	0	7	Cu,Sc	10.0	14	67	8
	62336	EL 'ARISH	270	9	7	05	5	8	St	10.0	15	59	7
LOWER EGYPT	62339	DAMANHUR	310	24	15	02	6	7	Cu	11.0	14	67	8
	62342	MANSURA	270	5	7	60	6	7	Cb	10.6	13	77	9
	62348	TANTA	220	16	35	02	6	7	St	10.6	15	68	9
	62354	ZAGAZIG	320	2	3	50	5	8	Cb	11.1			8
	62441	ISMA'ÎLÎA	250	9	3	17	5	8	Cb	10.4	14	55	5
CAIRO AREA	62366	FAROUK (Airport)	270	17	12	03	5	8	Sc	11.0	16	39	2
	62372	ALMÂZA	270	11	13	02	2	7	St	11.1	16	45	4
		EZBEKÎYA	270	12	15	03	2	7	Cb	11.4	16	42	3
		GÎZA	270	12	15	03	2	7	Cb	12.2	16	39	2
	62378	HELWÂN	270	22	15	07	2	7	Cu,Sc	11.8	16	32	-1
UPPER EGYPT	62381	FAIYÛM	290	12	35	02	2	8	St	12.3	18	37	3
	62387	MINYA	320	11	15	02	2	7	Cu	13.2	19	23	-3
	62393	ASYÛT MANQABÂD	290	9	30	03	0	5	Cu	12.8	19	32	2
	62399	NAG' HAMMÂDI	340	3	15	00	0	3	Ci	13.1	20	28	1
	62402	QENA	340	9	50	03	1	3	Ci	12.4	22	29	3
	62405	LUXOR	300	10	30	00	0	0	-	12.4	20	24	-1
	62414	ASWÂN	340	3	50	00	0	0	-	13.3	20	21	-3
OASES	62417	SÎWA	320	11	15	00	0	0	-	17.2	17	60	9
	62420	BAHARÎYA	20	26	35	02	2	7	Ci	14.4	18	28	-1
	62423	FARAFRA	320	12	15	02	1	5	Cb.Ac	15.1	19	25	0
	62432	DAKHLA	20	6	50	00	0	3		14.7	19	30	1
	62435	KHARGA	00	0	35	00	0	0	-	14.3	21	16	-6
RED SEA	62450	SUEZ	270	6	18	03	2	8	Fs.Fc	11.1	16	42	3
	62459	TÛR	340	10	15	00	0	6	Ci		18	46	6
	62462	HURGHÂDA	340	14		03	1	5	Ci	11.8	18	52	8
	62465	QUSEIR	40	9	15	02	0	0	-	12.0	20	46	8
	62641	PORT SÛDÂN	70	15	30	03	0	1	Ac	8.6	25	42	11
NORTH SÛDÂN	62600	WÂDI HALFA	360	11	10	00	0	0	-	13.0	23	11	-9
	62640	ABU HAMAD	20	5	30	00	0	0	-	9.7	26	11	-7
	62660	KAREIMA	20	12	30	00	1	0	-	10.7	27	12	-5
	62680	'ATBARA	340	5	30	01	1	3	Ci	7.9	28	10	-6
	62721	KHARTÛM	360	9	30	02	1	2	Ci	7.5	30	22	6
	62780	KASSALA	340	9	50	02	1	0	-	2.7	33	15	3
CENTRAL SÛDÂN	62751	WÂD MEDANI											
	62801	RENK	50	9	50	00	0	0	-		32	26	10
	62802	ROSEIRES	340	5	35	00	0	0	-		38	11	2
	62771	EL OBEID	30	13	30	02	1	3	Ci	6.3	30	5	-13
	62760	EL FÂSHER	50	5	30	01	1	4	Ci		33	10	-3
	62770	GENEINA	50	4	30	01	1	3	Ci		33	7	-7
S. SÛDÂN	62840	MALAKÂL	340	10	10	03	1	6	Ac	3.3	36	9	-2
	62880	WÂU	230	1	30	02	1	7	Cu.Ac	3.0	35	35	17
	62941	JUBA	340	2	30	02	1	8	Ac	3.7	33	38	17

At 1800 on WED. 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	270	5	7	03	2	8	Cb.Ac	16.4	11	63	4	dr.
SÎDI BARÂNI	320	19	35	01	1	7	Sc,Cu	16.0	11	63	4	0.3
MATRÛH	10	20	12	01	2	5	Cb	11.6	11	63	4	0
EL DABÂ	270	20		01	1	5	Sc		13	67	7	3
ALEXANDRIA	310	18	7	02	2	4	Cb	12.8	12	44	0	dr.
FOUAD (Airport)	280	16	15	01	2	0	-	12.8	12	47	1	0.1
DAMIETTA	290	13		01	6	1	Cu	11.2	12	63	5	9
PORT SAÏD	280	19	14	01	5	4	Cu,Sc	10.7	12	69	4	2
EL 'ARISH	220	9	7	20	5	5	Sc	10.7	12	77	8	dr.
DAMANHUR	310	9	3	01	1	2	Cu	12.6	10	62	3	2
MANSURA	320	2	3	02	2	4	Cb	12.7	11	63	4	2
TANTA	220	8	35	02	2	8	St	12.5	11	63	4	1
ZAGAZIG	220	2	3	03	2	8	Cu	12.8	11	77	7	2
ISMA'ÎLÎA	250	2		02	2	8	Sc	11.9	12	77	8	dr.
FAROUK (Airport)	270	11	12	03	2	8	Sc	13.6	11	77	7	dr.
ALMÂZA	280	10	13	02	2	7	Sc	13.3	12	67	6	0
EZBEKÎYA	320	6	15	03	2	8	Sc	13.6	12	63	5	0
GÎZA	320	6	15	03	2	8	Sc	13.6	12	63	5	0
HELWÂN	320	10	15	02	2	8	Cu,Sc	13.8	11	63	4	0
FAIYÛM	290	2	25	01	2	7	St	13.6	13	67	7	0
MINYA	330	5	10	02	1	4	Cu	13.8	12	41	-1	0
ASYÛT MANQABÂD												
NAG' HAMMÂDI	00	0	7	00	0	4	Ac	13.3	13	67	7	0
QENA	240	5	7	02	1	3	Ci	12.6	14	72	9	0
LUXOR												
ASWÂN	00	0	50	00	0	0	-	12.6	18	20	-5	0
SÎWA	320	8	7	00	0	0	-	16.6	10	82	7	0
BAHARÎYA	320	2	35	02	2	5	Ac	15.2	12	58	3	0
FARAFRA	270	7	7	02	1	4	Ac	15.5	14	39	4	0
DAKHLA	320	3	35	00	0	0	-	15.0	15	34	-1	0
KHARGA	00	0	15	02	2	0	-	14.8	17	34	1	0
SUEZ	310	9	7	01	1	7	Cu	12.7	14	48	3	0
TÛR	360	2	15	00	1	3	Ci	12.4	15	48	4	0
HURGHÂDA	320	15		02	2	6	Cs	11.9	17	52	7	0
QUSEIR	360	5	15	00	1	2	As,Ci	12.2	18	52	8	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on THURSDAY 10th

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL Total From Oct. 1st.	RAINFALL Normal From Oct. 1st.
SALUM	270	13	7	01	1	4	Cu,Sc	19.6		12	14		5		77	8	dr.		
SÎDI BARÂNI	340	24	50	02	6	7	Cu,Sc	18.8		12	14		8		63	5	1	238	
MATRÛH	20	19	13	02	2	7	Sc	17.2		11	14		7		63	4	1		
EL DABÂ	320	20		01	1	6	St			13			7		55	4	3	149	
ALEXANDRIA	270	14	15	03	5	8	Cb	15.2	-1.0	11	15	-6	10	-2	77	7	dr.	251	174
FOUAD (Airport)	290	16	3	01	8	7	Cu,Cb	14.5		10	15		9		88	8	3	252	134
DAMIETTA	270	9		03	6	5	Cb	13.0	-3.0	13	15		5		55	4	12	311	94
PORT SAÏD	240	16	12	03	0	4	Cu,Sc	12.9		10	15		8		88	8	2	55	
EL 'ARISH	220	9	35	20	5	4	Sc	12.4	-4.2	10	16	-5	5	-5	76	6	dr.		76
DAMANHUR	360	5	7	02	6	7	As	14.8	-1.5	12	15	-7	7	-2	77	8	4	97	86
MANSURA	270	2	15	03	5	8	Cb	13.0	-3.2	9	15	-8	6	-3	88	7	2	40	43
TANTA	220	5	15	02	6	8	St	15.5	-1.3	9	16	-7	4	-4	88	7	3	27	33
ZAGAZIG	220	2	3	50	5	8	Cb	14.7	-1.7	10	15	-8	8	-2	76	6	2	15	22
ISMA'ÎLÎA	270	9	3	01	2	6	As	14.0		10	15		9		62	3	dr.	11	
FAROUK (Airport)	230	11	12	03	1	7	Sc	15.4		9	16		7		82	6	dr.		
ALMÂZA											16								
EZBEKÎYA	270	11	13	01	2	4	Sc	15.8	-0.8	10	17	-7	8	-2	62	3	0	8	20
GÎZA	270	11	15	01	2	4	Sc	15.9	-0.9	12	17	-6	6	-2	67	6	0	14	20
HELWÂN	290	4	35	00	1	3	Cu,Sc	16.0	-0.6	9	17	-6	7	-4	71	4	0	15	21
FAIYÛM	00	0	35	01	1	4	Sc	16.7	+0.2	11	18	-7	7	-2	51	1	0	6	7
MINYA	330	10	10	01	1	1	Ac	17.6		11	20		6		51	1	0	5	
ASYÛT MANQABÂD	340	5	18	00	0	0	-	17.1		11	20		8		63	4	0	0	
NAG' HAMMÂDI	320	3	7	01	0	4	As,Ci	17.0	+0.9	12	21		8		55	3	0	0	
QENA	270	5	15	02	1	3	Ci	16.2	+1.0	12	23	-6	6	-5	44	0	0	dr.	
LUXOR	270	3	30	00	0	2	Ac	16.4		14			7		52	4	0	dr.	
ASWÂN	360	8	50	00	0	0	-	16.8	+1.3	13	22	-7	11	-3	48	2	0	dr.	
SÎWA	320	4	15	00	0	0	-	20.7	+2.5	7	18	-6	4	-4	71	2	0	0	7
BAHARÎYA	320	5	35	02	0	0	-	18.6	+1.5	10	19	-5	6	-2	50	0	0	dr.	7
FARAFRA	340	3	35	00	0	0	-	17.8		9	20		5		54	0	0	dr.	
DAKHLA	320	3	35	00	0	0	-	17.6	+0.8	10	22	-5	6	-3	50	0	0	dr.	
KHARGA	20	3	25	00	2	0	-	17.9	+1.6	13	23	-5	9	-1	44	1	0	0	
SUEZ	270	5	35	00	0	3	-	14.8	-1.2	13	19	-4	8	-4	55	4	0	12	13
TÛR	20	5	35	00	0	3	Ci			14	20	-4	12	0	55	5	0	dr.	12
HURGHÂDA	310	12		02	0	8	Sc,Ac	16.6		14	18		10		55	5	0	dr.	
QUSEIR	270	13	6	00	1	3	Ac	15.2	+0.6	17	22	-3	13	-3	42	4	0	0	4
PORT SÛDÂN	340	3	30	01	0	0	-	11.9		23	26		15		50	12	0	34	94
WÂDI HALFA	20	5	30	00	0	0	-	16.2		13	23		9		29	-5	0	tr.	
ABU HAMAD	50	13	30	00	0	0	-	13.7		18	27		12		13	-11	0		
KAREIMA	20	7	30	00	0	0	-	14.3		17	28		14		18	-8	0	3	1
'ATBARA	340	9	10	00	0	0	-	16.0		18	29		15		17	-8	0	7	2
KHARTÛM	360	4	30	00	0	0	-	13.1		20	32		15		35	4	0	10	4
KASSALA	250	2	30	00	0	0	-	11.1		19	35		11		49	8	0	2	8
WÂD MEDANI	50	9	50	00	0	0	-	12.0		20	35		11		9	-15	0	11	12
RENK	50	9	50	00	0	0	-	11.1		24	33		15		13	-7	0	0	49
ROSEIRES	50	9	50	00	0	0	-			20	38		17		36	4	0	2	37
EL OBEID	30	6	18	10	0	0	-	13.1		19	32		14		9	-16	0	0	16
EL FÂSHER																		0	6
GENEINA	50	5	30	00	0	1	Ci			19	33		17		13	-10	0	-	4
MALAKÂL	20	13	10	04	2	7	Cs	10.2		24	37		20		13	-7	0	69	89
WÂU	00	0	30	02	1	7	Cs	9.5		23	37		21		53	13	0	261	155
JUBA	00	0	30	02	8	8	Fs,Fc	9.3		26	35				66	19	0	145	170

HUMIDITY % Mean of day

STATION	on 9th	Diff. from normal
Alexandria	57	-8
Ezbekîya	53	-7
Gîza	54	-10
Helwân	58	+11

GÎZA GRASS MINIMUM TEMP. ON 10th 1.6 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — AIRPORT

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

RAWINSONDE — AIRPORT

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

RAWINSONDE — AIRPORT

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

UPPER WIND OBSERVATIONS on 9th

STATION	MINYA																											
TIME	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.	DIR.	VEL.
300	310	27																										
600	310	20																										
1000	300	21																										
1500	280	22																										
2000	280	25																										
3000																												
4000																												
5000																												
6000																												
7000																												
8000																												

UPPER WIND OBSERVATIONS on .....

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA			
TIME	5										6 45		3				6 30				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	330	25									290	5	320	23			320	8			330	16		
600	330	20									300	16	330	32			340	12			340	16		
1000	320	23									300	22	330	29			350	17			300	11		
1500	330	17									Ent Cu.		310	26							230	22		
2000													310	40										
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	5		5		5		5		4				4								4 30			
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	340	27	330	26	330	12	10	16	350	9														
600	350	28	330	31	350	14	360	15	350	15			360	15										
1000	360	28	330	32	350	23	360	15	330	16			360	14							360	7		
1500	360	23	340	26	30	24	320	28	330	18			330	16							30	10		
2000	330	32	330	28					320	38			330	21										
3000	340	37							290	23			290	31							20	13		
4000									310	8														
5000																								
6000																								
7000																								
8000																								

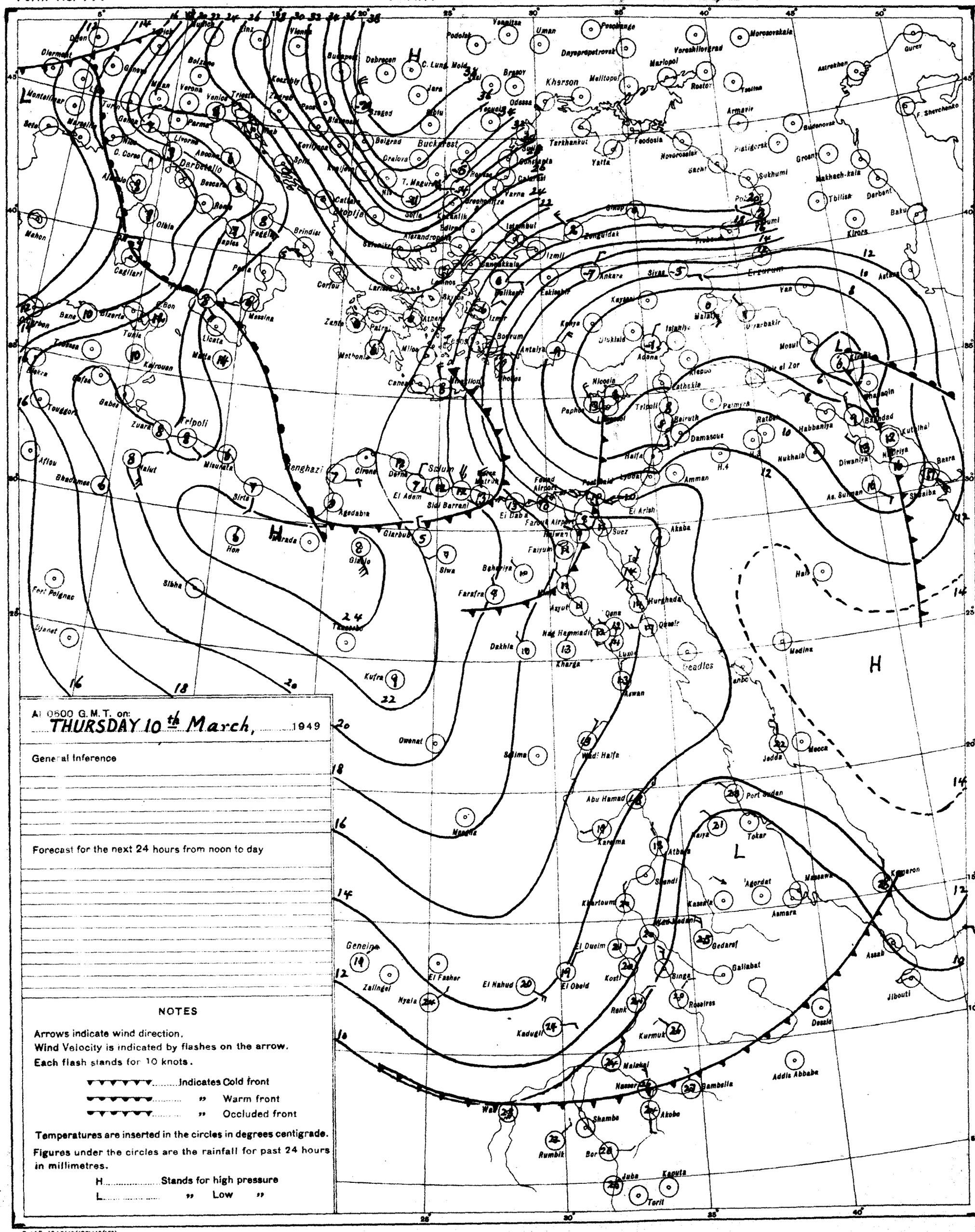
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 10th March, 1949


Clermont
Munich
Vienna
Budapest
Debrecen
C. Lung Mold
Brasov
Kherson
Melitopol
Mariopol
Rostov
Tselina
Astrakhan
Gurev
Odessa
Tecuci
Belgrad
Bucharest
Craiova
Sofia
Varna
Istanbul
Izmit
Ankara
Sivas
Erzurum
Yalta
Feodosia
Novorossiisk
Sukhumi
Tbilisi
Derbent
Baku
Kirovs
Athens
Rhodes
Antalya
Adana
Mosul
Baghdad
Basra
Tripoli
Benghazi
Cairo
Suez
Akaba
Jerusalem
Amman
Beirut
Damascus
Haifa
Khartoum
Port Sudan
Asmara
Massawa
Kassala
Gedaref
Kosti
El Obeid
El Fasher
Nyala
Zalingei
Geneina
Kadugli
Rumbik
Wau
Malakal
Nasser
Bambella
Akobo
Addis Ababa
Dessie
Jibouti
Asab
Kamaron
Aden
Jedda
Mecca
Medina
Luxor
Aswan
Wadi Halfa
Abu Hamad
Atbara
Shendi
Tokar
Agordat
Gallabat
Roseires
Kurmuk
Juba
Kapoeta
Torit
Shamba
Bor
Owenat
Kufra
Sebha
Tripoli
Tunis
Bizerta
Malta
Palermo
Messina
Naples
Rome
Cagliari
Marseille
Lisbon
Gibraltar
Mahon
Algiers
Oran
Tangier
Casablanca
Dakhla
Kharga
Farafra
Baharia
Siwa
Giarabub
Sidi Barrani
El Adem
Derna
Cirene
Agedabia
Sirte
Misurata
Tripoli
Zuara
Nalut
Ghadames
Hon
Murzuk
Tessalit
Bordj Mediouna
Fort Polignac
Djanet
Biskra
Tozeur
Gafsa
Kairouan
Tunis
Bone
Algiers
Oran
Tangier
Casablanca
Dakhla
Kharga
Luxor
Aswan
Hurghada
Qena
Nag Hammadi
Medina
Mecca
Jedda
Port Sudan
Tokar
Asmara
Massawa
Kassala
Gedaref
Khartoum
Shendi
Atbara
Wadi Halfa
Aswan
Luxor
Hurghada
Qena
Nag Hammadi
Kharga
Dakhla
Farafra
Baharia
Siwa
Giarabub
Kufra
Sebha
Owenat
Mourzuk
Bordj Mediouna
Tessalit
Gao
Timbuktu
Bamako
Dakar
Freetown
Monrovia
Accra
Lagos
Kano
Maiduguri
Fort Lamy
Abéché
Geneina
Zalingei
Nyala
El Fasher
El Nahud
El Obeid
Kosti
Renk
Malakal
Nasser
Bambella
Akobo
Rumbik
Wau
Shambo
Bor
Juba
Kapoeta
Torit
Addis Ababa
Dessie
Jibouti
Asab
Kamaron
Aden
Mecca
Jedda
Medina
Luxor
Aswan
Wadi Halfa
Abu Hamad
Atbara
Shendi
Tokar
Agordat
Massawa
Asmara
Kassala
Gedaref
Khartoum
Gallabat
Roseires
Kurmuk
Malakal
Nasser
Bambella
Akobo
Shambo
Rumbik
Bor
Juba
Kapoeta
Torit
Addis Ababa
Dessie
Jibouti
Asab
Kamaron
Aden
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CAIRO
Time of Sunrise 04 11 G.M.T.
" " Sunset 16 00 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: FRIDAY 11th MARCH, 1949

At 1200 on THURS 10th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62360	SALUM											
	62303	SIDI BARÂNI	340	16	50	02	2	7	Cu.Ac	20.3	14	55	5
	62306	MATRUH	20	18	12	02	2	7	Cb	18.1	16	42	2
	62309	EL DABA	340	22		01	2	6	Cu	17.6	13	67	7
		ALEXANDRIA	330	21	50	03	5	8	Cb	16.3	12	63	5
	62318	FOUAD (Airport)	310	22	15	03	8	7	Cu	15.9	14	55	5
	62330	DAMIETTA											
	62333	PORT SAÏD	320	22	18	02	1	5	Cu.Sc	13.3	16	52	6
	62336	EL 'ARISH	270	9	35	55	5	6	St	12.7	16	42	3
Lower Egypt	62339	DAMANHUR	360	13	15	01	6	4	Cu	15.2	15	48	4
	62342	MANSURA	320	5	15	03	2	7	Sc.Cu	14.8	14	48	5
	62348	TANTA											
	62354	ZAGAZIG	320	2	7	01	1	4	Cu	13.8	15	59	7
	62141	ISMAÏLIA	290	9	3	01	1	5	Sc.Ac	14.0	15	59	7
Cairo Area	62366	FAROUK (Airport)	290	16	30	81	8	7	Cb	15.7	13	63	6
	62372	ALMAZA											
		EZBEKIYA	320	9	15	51	5	7	Cb	16.2	13	67	7
		GIZA	320	9	15	51	5	7	Cb	16.3	14	60	6
	62378	HELWÂN	320	25	35	20	5	6	Cu.Sc	15.6	13	55	4
Upper Egypt	62381	FAIYUM	200	8	35	02	1	4	St	15.9	16	42	3
	62387	MINYA	360	17	14	02	1	7	Cu.Sc	16.7	18	28	-1
	62390	ASYUT	320	13	30	03	0	4	Cu.Sc	16.1	16	39	2
	62392	NAG HAMMADI	320	6		00	0	0	—	15.9	18	28	-1
	62400	QENA	290	13	50	00	0	0	—	14.4	20	33	3
	62405	LUXOR	290	14	18	01	0	0	—	14.8	19	32	2
	62414	ASWAN	360	10	50	00	0	0	—	14.3	20	28	2
Oases	62417	SIWA	00	0	15	00	0	0	—	21.2	18	60	10
	62420	BAHARIYA											
	62423	FARAFRA											
	62432	DAKHLA	320	11	50	00	0	0	—	17.5	16	32	-1
	62435	KHARGA											
Red Sea	62450	SUEZ	310	9	35	03	2	7	Sc.Cu	12.4	16	49	5
	62459	TOR	340	14	15	00	1	2	Ci	13.8	17	52	7
	62462	HURGHADA	340	24		02	1	1	Cu	13.8	16	49	5
	62465	QUSEIR											
	62641	PORT SUDAN	40	17	30	03	0	1	Cu	9.8	25	54	15
North Sudan	62600	WADI HALFA											
	62640	ABU HAMAD	50	13	30	00	0	0	—	11.0	26	11	-7
	62660	KAREIMA	10	14	10	00	0	0	—	12.4	27	8	-10
	62680	ATBARA	340	13	4	07	0	0	—	10.2	27	8	-10
	62721	KHARTUM	340	15	7	07	0	0	—	9.6	30	22	6
	62730	KASSALA	310	9	30	00	0	0	—	5.5	34	12	1
Central Sudan	62751	WAD MEDANI	360	9	35	00	0	0	—	8.1	33	8	-6
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	30	13	30	00	0	0	—	7.6	31	4	-15
	62760	EL FASHER	60	10	30	00	1	0	—		32	17	4
	62770	GENEINA	50	9	30	00	0	0	—		34	5	-10
S. Sudan	62840	MALAKAL											
	62880	WAU											
	62941	JUBA											

At 1800 on THURS 10th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
62360	SALUM												
62303	SIDI BARÂNI	270	5	7	01	0	3	Cu.Sc	21.6	11	77	7	•
62306	MATRUH	320	19	35	01	1	4	Sc.Cu	21.9	12	55	3	0
62309	EL DABA	20	15	12	02	2	7	Cb	21.5	11	63	4	0
	ALEXANDRIA	340	23		01	2	4	Cu		12	63	5	2
62318	FOUAD (Airport)	330	16	7	03	5	7	Cb	18.6	12	44	0	dr
62330	DAMIETTA	210	20	18	01	8	5	Cb	18.2	12	55	3	0.4
		320	13		02	2	7	Cu.Sc		13	67	7	dr
62333	PORT SAÏD	270	17	12	01	2	5	Sc	15.6	13	67	7	0
62336	EL 'ARISH	220	9	7	02	5	7	St		13	67	7	dr.
62339	DAMANHUR	360	9	7	01	1	2	Cu	17.5	9	88	7	1
62342	MANSURA	340	5	3	03	2	7	Sc.Cu	17.5	11	77	7	•
62348	TANTA	220	5	35	02	2	0	—	17.9	9	71	4	0
62354	ZAGAZIG	320	2	3	02	1	4	Cu	17.9	11	77	7	0
62141	ISMAÏLIA	290	9	3	01	2	5	Sc	17.0	12	63	5	dr
62366	FAROUK (Airport)	290	5	30	25	8	7	Sc	18.5	10	40	5	0.1
62372	ALMAZA												
	EZBEKIYA	00	0	15	01	5	4	Sc	18.6	11	77	7	dr.
	GIZA	00	0	15	01	5	4	Sc	19.0	10	77	6	0.4
62378	HELWÂN	320	5	35	01	5	6	Cu.Sc	19.0	11	63	4	dr
62381	FAIYUM	360	2	35	01	1	2	St	19.2	12	63	5	0
62387	MINYA	360	10	10	01	2	3	Sc	18.9	12	59	4	•
62390	ASYUT												
62392	NAG HAMMADI												
62400	QENA	290	9	7	00	0	0	—	17.8	15	39	1	0
62405	LUXOR	290	8	12	00	0	0	—	18.0	14	45	2	0
62414	ASWAN	350	12	50	00	0	0	—	17.9	18	40	4	0
62417	SIWA	00	0	7	00	0	0	—	22.4	14	67	8	0
62420	BAHARIYA	360	2	15	02	1	3	Ac	20.0	13	44	1	0
62423	FARAFRA	240	4	7	02	0	0	—	21.9	11	47	0	0
62432	DAKHLA	320	6	35	00	0	0	—	19.8	13	44	1	0
62435	KHARGA	00	0	15	00	0	0	—	19.8	13	34	-3	0
62450	SUEZ	00	0	15	01	5	5	Sc.Cu	16.7	13	55	4	dr
62459	TOR	340	8	15	00	0	2	Ci	16.3	15	59	7	0
62462	HURGHADA	330	3		01	0	0	—	15.6	16	59	8	•
62465	QUSEIR	310	13	15	02	0	0	—	15.9	17	52	7	0
62641	PORT SUDAN												
62600	WADI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	ATBARA												
62721	KHARTUM												
62730	KASSALA												
62751	WAD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID												
62760	EL FASHER												
62770	GENEINA												
62840	MALAKAL												
62880	WAU												
62941	JUBA												

At 0600 on FRIDAY 11th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	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
62360	SALUM	290	10	7	03	2	6	Ac	22.4		9	15		4		88	7	•		
62303	SIDI BARÂNI	290	14	50	02	1	4	Sc.Cu	22.4		13	15		8		55	4	0	238	
62306	MATRUH	360	13	18	01	1	5	Sc	22.1		14	15		9		48	3	0		
62309	EL DABA	320	10		01	1	5	Cu	20.7		13	14				71	4	2	151	
	ALEXANDRIA	330	18	50	02	5	6	Cb	20.3	+4.1	13	14	-7	9	-3	55	4	dr.	251	174
62318	FOUAD (Airport)	320	16	18	02	2	5	Cu.Sc	20.1		14	15		10		52	4	0.4	253	
62330	DAMIETTA	25	5		21	6	6	Cu,Sc	18.6	+2.6	10	15		6		95	10	4	315	95
62333	PORT SAÏD	260	16	12	25	8	4	Cu.Sc	18.4		11	16		9		77	7	2	57	
62336	EL 'ARISH	220	9	15	11	6	8	Fs.Fc	18.3	+1.7	9	16		8	-2	88	7	3		76
62339	DAMANHUR	360	9	7	01	1	6	Cu	18.0	+1.7	9	15	-8	6	-3	88	6	1	98	87
62342	MANSURA	270	5	35	00	1	8	—	20.8	+4.7	11	16	-7	6	-3	77	7	0	40	44
62348	TANTA	240	5	35	03	6	8	Cu	19.8	+4.3	12	16	-7	4	-4	77	8	1	28	33
62354	ZAGAZIG	220	2	7	00	1	0	—	17.9		11	17	-6	6	-2	77	7	0	17	22
62141	ISMAÏLIA	290	2	3	02	5	5	Ac			11	16		8		77	7	dr.	11	
62366	FAROUK (Airport)	250	9	12	03	0	3	Sc	21.4		10	14		7		67	4	0.1		
62372	ALMAZA																			
	EZBEKIYA	270	9	15	01	2	3	Sc	21.2	+4.7	9	15	-9	8	-2	71	4	dr.	8	20
	GIZA	270	9	15	01	2	3	Sc	21.2	+4.4	12	15	-9	4	-2	65	6	0.4	14	20
62378	HELWÂN	00	0	7	03	2	3	Ac	21.6	+5.0	9	14	-7	7	-4	71	4	dr	15	21
62381	FAIYUM	00	0	35	02	1	2	St	22.3	+5.8	10	17	-8	7	-2	82	3	0	6	7
62387	MINYA	360	6	10	00	0	0	—	23.0		8	18		4		66	2	0	5	
62390	ASYUT	320	5	30	00	0	0	—	23.4		12	19		6		59	4	0	0	4
62392	NAG HAMMADI	290	1	7	00	0	0	—	22.3	+6.3	10			5		54	1	0	0	
62400	QENA	270	5	15	00	0	0	—	22.3	+7.1	12	21	-8	5	-6	63	5	0	dr.	
62405	LUXOR	00	0		00	0	0	—	21.6		12	20		4		55	3	0	dr.	
62414	ASWAN	340	8	50	00	0	0	—	21.6	+6.2	12	22	-8	9	-5	36	-3	0	dr.	
62417	SIWA	00	0	15	00	0	0	—	23.1	+4.9	7	18	-6	4	-4	66	1	0	0	7
62420	BAHARIYA	220	1	35	02	0	0	—	23.0	+5.9	11	19		4	-5	51	1	0	dr.	7
62423	FARAFRA	220	3	35	02	0	0	—	24.4		9	16		3		54	0	0	dr.	
62432	DAKHLA	320	6	35	00	0	0	—	23.0	+6.3	8	19	-9	4	-5	44	-3	0	dr.	
62435	KHARGA	360	1	35	00	0	0	—	23.1	+6.9	12	20	-8	6	-5	55	3	0	0	
62450	SUEZ	00	0	35	00	0	2	Sc.Cu	19.8	+3.8	13	18	-5	10	-2	44	1	dr	12	13
62459	TOR	360	9	15	00	0	6	Ci	19.1	+4.1	13	19	-5			55	4	0	dr.	12
62462	HURGHADA	280	7		03	0	2	Cu	19.7		13	17		7		55	4	0	dr.	3
62465	QUSEIR	310	9	15	00	0	2	Cu	19.6	+5.1	15	21	-4	11	-5	48	4	0	0	4
62641	PORT SUDAN	350	22	4	07	0	1	Cu	17.0		21	26		17		47	9	0	34	94
62600	WADI HALFA	60	1	30	00	0	0	—	21.6		10	24		7		47	-1	0	tr.	
62640	ABU HAMAD	50	19	30	00	0	0	—	18.6		15	27		11		25	-5	0		
62660	KAREIMA																		3	1
62680	ATBARA	20	18	10	00	0	0	—	17.1		16	28		14		34	0	0	7	2
62721	KHARTUM	20	10	30	01	0	1	Cu	15.7		19	31		15		40	5	0	10	4
62730	KASSALA	360	2	30	00	0	0	—	13.9		19	35		14		28	0	0	2	8
62751	WAD MEDANI	20	24	3	07	3	0	—	15.1		20	35		15		15	-8	0	11	12
62801	RENK	360	13	50	00	0	0	—			23	33		16		15	-5	0	0	49
62802	ROSEIRES	90	5	35	00	0	0	—			23	37		17		13	-7	0	2	37
62771	EL OBEID	20	15	30	00	0	0	—			19	32		16		16	-8	0	0	16
62760	EL FASHER	20	5	30	00	0	0	—			17	33		13		30	-1	0	0	6
62770	GENEINA	50	13	30	00	0	0	—			19	36		18		19	-5	0		4
62840	MALAKAL	20	23	30	03	2	7	Ac.Cs	11.7		24	37		22		30	5	0	69	89
62880	WAU	310	1	10	02	4	3	Cu	10.4		25	39		21		47	13	0	261	155
62941	JUBA	70	2	30	03	2	6	Sc,Ac	11.4		22	33		19		69	16	dr	145	171

UPPER AIR OBSERVATIONS

HUMIDITY % Mean of day

STATION	On 10th	Diff. from normal
Alexandria		
Ezbekiya	65	+5
Giza	68	+4
Helwân	64	+17

GIZA GRASS MINIMUM TEMP. ON 11th 3.6 °C

Remarks

Aeroplane Ascent — On ____ At ____

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

Remarks

RAWINSONDE — On ____ At ____ AIRPORT

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

UPPER WIND OBSERVATIONS on 10th

Station	Hurghada																											
Time	10																											
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300									340	19																		
600									320	13																		
1000									330	11																		
1500									290	7																		
2000																												
3000																												
4000																												
5000																												
6000																												
7000																												
8000																												

UPPER WIND OBSERVATIONS on 11th

Station	Sidi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arish		Helwân		Minya		Asyut Manqabad		Luxor		Aswân		Hurghada	
Time	5												3		3 30		5 30					
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	310	16											350	10	330	15	340	7				
600	320	13											360	14	330	21	360	17				
1000													360	13	340	19	10	9				
1500													10	25	340	9						
2000													350	17	330	23						
3000															320	30						
4000																						
5000																						
6000																						
7000																						
8000																						

Station	Siwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	6		5		5				4				5											
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	340	14	330	20	10	10	20	6	20	11														
600	340	14	330	20	10	16	10	10	20	23			360	12										
1000	350	17	350	19	350	19	350	16	20	25			10	14										
1500	320	34	360	21	340	24			20	27			50	17										
2000	330	31	320	35									60	25										
3000	340	30											80	12										
4000	10	26																						
5000																								
6000																								
7000																								
8000																								

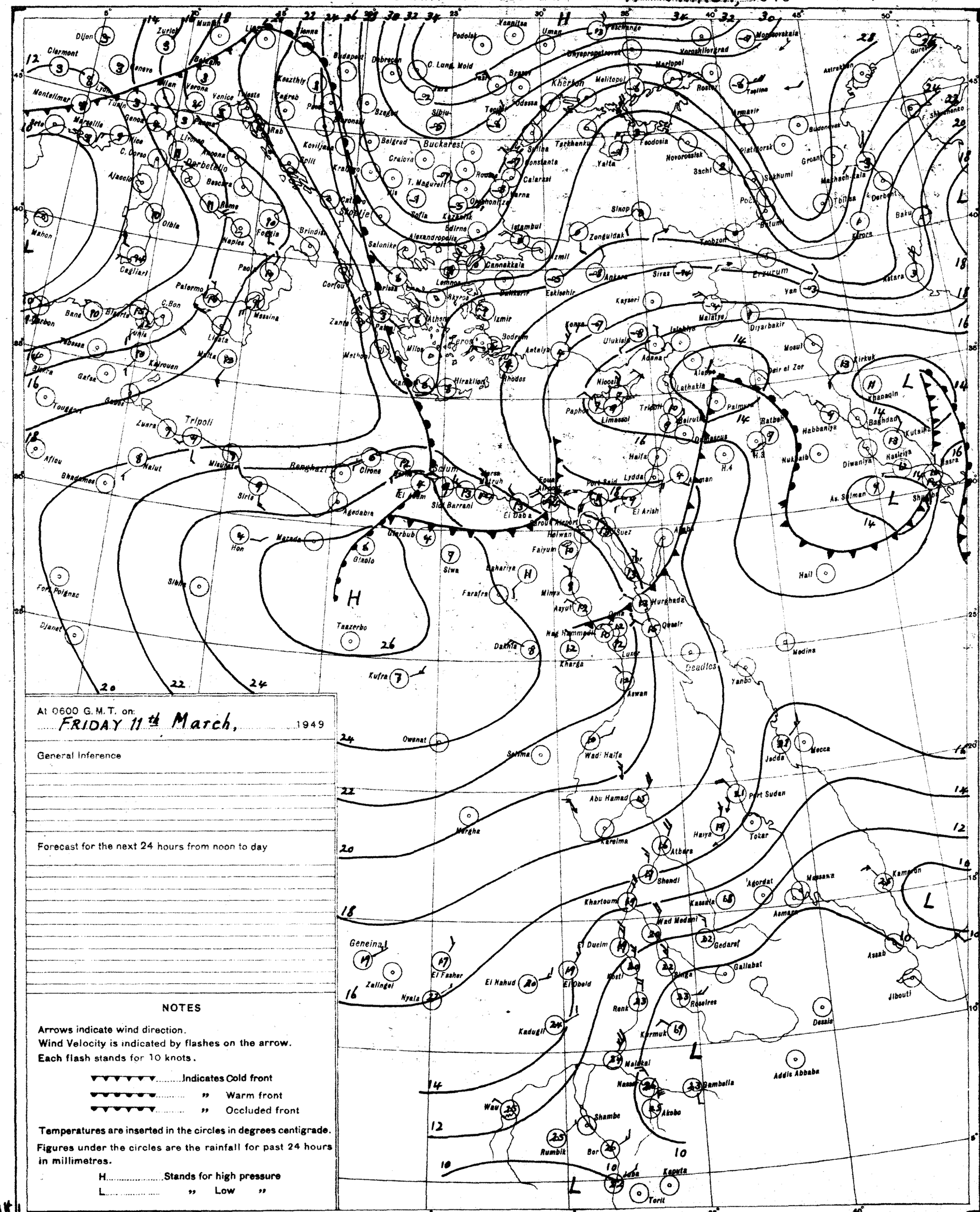
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 11th MARCH, 1949



At 0600 G.M.T. on: FRIDAY 11th March, 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

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

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

Temperatures are inserted in the circles in degrees centigrade.

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

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

S of E 1948(48/195)(48/650)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 09 G. M. T.

" " Sunset 16 01 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: Saturday 12th March, 1949

At 1200 on Friday 11th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	20	11	7	01	2	5	Ac	21.8	16	59	8
	62303	SÎDI BARÂNI	290	12	50	03	1	5	Cu, Cu	22.3	15	59	7
	62306	MATRÛH	350	15	18	02	2	4	Sc	21.6	15	55	6
	62309	EL DABA	320	20		01	1	4		21.9	15	77	11
		ALEXANDRIA	310	13	50	02	5	6	cb	21.0	14	48	3
	62318	FOUAD (Airport)	290	20	15	03	2	7	Cu, Ci	20.7	16	45	4
	62330	DAMIETTA	90	13	15	01	5	4	Cu	19.1	15	59	7
	62333	PORT SA'ÎD	300	20	14	01	8	4	Cu, Sc	18.2	15	59	7
	62336	EL 'ARISH	320	13	35	02	2	7	cb	18.3	15	68	9
Lower Egypt	62339	DAMANHUR	310	13	15	02	1	7	Cu	20.7	15	48	4
	62342	MANSURA	320	9	35	03	2	6	Sc, Cu	19.8	16	49	5
	62348	TANTA	220	13	35	01	1	5	Cu	19.8	17	42	4
	62354	ZAGAZIG	320	5	15	03	1	6	Cu	19.0	16	49	5
	62441	ISMA'ÎLÎA	320	5	7	02	5	5	As	19.4	17	42	4
Cairo Area	62366	FAROUK (Airport)											
	62372	ALMÂZA	290	12	30	02	2	5	Cu, Sc	20.3	16	49	5
		EZBEKÎYA	300	10	35	03	2	5	Cu	20.4	16	42	3
		GÎZA	300	10	35	03	2	5	Cu	20.4	17	41	4
	62378	HELWÂN	320	12	35	02	2	7	Cu	20.7	15	39	1
Upper Egypt	62381	FAIYÛM	330	8	35	03	2	7	Cu, Sc	21.1	16	42	3
	62387	MINYA	10	14	14	00	0	1	Cu	21.7	18	37	3
	62393	ASYÛT MANQABAD	320	9	30	01	0	1	Cu	20.9	17	39	3
	62399	NAG' HAMMÂDI	270	4	15	00	0	0	-	20.2	19	37	4
	62402	QENA	290	9	50	00	0	0	-	19.6	21	26	1
	62405	LUXOR	320	7	30	00	0	0	-	19.6	18	40	4
	62414	ASWÂN	360	10	50	00	0	0	-	19.2	19	30	1
Oases	62417	SÎWA	170	3	15	00	0	0	-	24.3	17	60	9
	62420	BAHARÎYA											
	62423	FARAFRA	270	19	35	02	0	0	-	23.6	19	28	0
	62432	DAKHLA	320	14	50	00	0	0	-	20.6	17	34	1
	62435	KHARGA	300	42	35	00	0	0	-	21.1	18	28	-1
Red Sea	62450	SUEZ	310	5	35	03	1	4	Cu	18.6	18	28	-1
	62459	TÛR											
	62462	HURGHÂDA	340	19		01	1	0	-	18.6	16	58	8
	62465	QUSEIR	360	13	15	02	0	0	-	19.1	19	46	7
	62641	PORT SÛDÂN	40	19	10		0	1	Cu, Ci	15.0	25	47	13
North Sûdân	62600	WÂDI HALFA	20	14	30	00	0	0	-	19.7	21	18	-4
	62640	ABU HAMAD	50	5	30	00	0	0	-	14.8	25	9	-11
	62660	KAREIMA	40	12	30	00	0	0	-	16.0	25	9	-11
	62680	'ATBARA											
	62721	KHARTÛM	20	15	10	02	0	0	-	11.4	27	25	5
	62730	KASSALA	340	5	30	00	0	0	-	7.4	32	17	4
Central Sûdân	62751	WÂD MEDANI	360	9	35	00	0	0	-	10.0	30	9	-6
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	30	13	30	00	0	0	-	11.1	28	10	-6
	62760	EL FÂSHER	50	9	30	00	0	0	-		27	13	-4
	62770	GENEINA	50	16	10	00	0	0	-		29	8	-8
S. Sûdân	62840	MALAKÂL	30	17	30	03	3	8	cs	6.9	34	9	-4
	62880	WÂU	360	1	18	00	0	0	-	5.5	36	8	-3
	62941	JUBA											

At 1800 on Friday 11th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALÛM	270	2	7	01	0	1	Ac	20.8	11	94	10	0
SÎDI BARÂNI	320	1	35	01	1	3	Ci	21.4	13	77	9	0
MATRÛH	310	4	13	00	0	0	-	21.1	10	76	6	0
EL DABA	320	15		01	1	3	Cu		14	88	12	0
ALEXANDRIA	310	5	7	01	2	7	St	20.6	13	67	7	dr
FOUAD (Airport)	300	10	12	01	2	4	Sc	20.9	13	55	4	0
DAMIETTA	320	9		03	2	6	Cu, Sc	19.4	14	72	9	dr
PORT SA'ÎD	270	13	12	03	0	7	Cu, Sc	19.9	13	67	7	0.1
EL 'ARISH	270	9	7	25	6	5	St	19.5	12	77	8	1
DAMANHUR	360	9	7	02	1	6	Cu	21.0	12	72	7	0
MANSURA	340	5	3	03	2	6	Sc, Cu	21.0	11	77	7	0
TANTA	220	2	35	01	1	3	Cu	21.3	11	63	4	0
ZAGAZIG	220	2	3	02	1	6	Cu	21.1	10	88	8	0
ISMA'ÎLÎA	290	2	3	02	6	6	As	20.7	12	77	8	R
FAROUK (Airport)												
ALMÂZA												
EZBEKÎYA	320	2	15	00	2	0	-	21.6	12	63	5	0
GÎZA	320	2	15	00	2	0	-	21.6	11	59	3	0
HELWÂN	320	12	6	02	0	0	-	21.8	12	44	0	0
FAIYÛM	00	0	35	01	0	0	-	21.4	13	55	4	0
MINYA	360	9	10	00	0	0	-	21.7	11	63	4	0
ASYÛT MANQABAD												
NAG' HAMMÂDI	270	4	7	00	0	0	-	20.2	14	55	5	0
QENA	290	5	7	00	0	0	-	19.6	15	48	4	0
LUXOR	290	5	12	00	0	0	-	20.0	14	52	4	0
ASWÂN	360	9	50	00	0	0	-	19.4	17	37	2	0
SÎWA	00	0	7	00	0	0	-	23.4	12	63	5	0
BAHARÎYA	320	3	15	02	0	0	-	21.8	14	48	3	0
FARAFRA												
DAKHLA	320	3	35	00	0	0	-	21.5	12	44	0	0
KHARGA	00	0	15	00	0	0	-	22.2	14	48	3	0
SUEZ	00	0	15	01	0	3	Cu	19.9	13	55	4	0
TÛR												
HURGHÂDA	300	15		00	0	0	-	19.2	14	59	6	0
QUSEIR	330	9	15	00	0	2	Ci	19.2	17	60	4	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Saturday 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.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	270	11	7	03	2	6	Ci	18.7		14	18		7		48	3	0		
SÎDI BARÂNI	220	08	50	03	1	8	Ci	19.5		11	16		6		63	4	0	238	
MATRÛH	300	12	12	00	0	8	-	19.4		11	17		7		62	4	0		
EL DABA	220	10		01	0	0	-	19.6		13			5		82	10	0	151	
ALEXANDRIA	220	11	50	01	2	4	Sc, Cu, As	19.9	+3.8	12	16	-5	9	-4	77	8	dr	251	174
FOUAD (Airport)	230	13	15	03	1	1	Ci	19.4		12	16		8		77	8	0	253	134
DAMIETTA	220	5		03	2	8	Cu, Sc	19.6	+3.7	11	15		7		88	9	dr	315	95
PORT SA'ÎD	220	16	12	01	2	4	Sc	19.4		11	16		10		77	7	0.1	57	
EL 'ARISH	220	2	35	03	2	8	St	19.8	+3.3	13	16	-5	8	-2	67	7	1		77
DAMANHUR	270	9	7	01	1	0	-	20.3	+4.0	15	16	-7	7	-3	48	4	0	98	87
MANSURA	220	2	35	01	1	4	Ac	19.5	+3.4	10	17	-6	9	0	76	6	0	40	44
TANTA	220	5	35	02	1	0		20.7	+3.9	10	18	-5	5	-3	88	8	0	28	34
ZAGAZIG	220	5	7	00	1	0	-	20.3	+3.9	12	18	-5	6	-2	77	8	0	17	23
ISMA'ÎLÎA	180	2	3	01	1	4	As	20.6		11			8		77	7	R	11	
FAROUK (Airport)																	0		
ALMÂZA																	0		
EZBEKÎYA	00	0	15	00	0	0	-	21.4	+4.9	10	18	-6	7	-3	63	3	0	8	20
GÎZA	00	0	15	00	0	0	-	21.2	+4.5	13	18	-6	6	-2	55	4	0	14	20
HELWÂN	110	4	7	00	0	0	-	22.0	+5.5	9	16	-7	7	-4	62	2	0	15	21
FAIYÛM	00	0	35	02	0	0	-	22.4	+6.0	11	18	-7	6	-3	51	1	0	6	7
MINYA	00	0	6	10	0	0	-	22.3		10	19		3		67	4	0	5	
ASYÛT MANQABAD	00	0	30	00	0	0	-	21.7		13	19		6		38	-1	0	0	
NAG' HAMMÂDI	360	1	7	00	0	0	-	21.8	+5.8	12	19		4		63	5	0	0	
QENA	270	5	15	00	0	0	-	22.6	+7.5	12	23	-6	6	-5	63	5	0	dr	
LUXOR	00	0	30	00	0	0	-	21.8		13	20		4		63	6	0	dr	
ASWÂN	20	6	50	00	0	0	-	21.5	+6.2	13	21	-9	9	-5	48	2	0	dr	
SÎWA	00	0	15	00	0	0	-	21.9	+3.8	10	18	-7	3	-5	62	3	0	0	7
BAHARÎYA	00	0	35	02	1	2	Ac	22.3	+5.3	10	18	-7	4	-5	50	0	0	dr	7
FARAFRA																		dr	
DAKHLA	00	0	35	00	0	0	-	21.6	+5.0	8	18	-10	3	-6	46	-3	0	dr	
KHARGA	00	0	35	00	0	0	-	22.2	+6.1	11	20	-8	6	-5	51	1	0	0	
SUEZ	00	0	35	00	0	0	-	20.0	+4.0	12	20	-3	6	-6	77	8	0	12	13
TÛR																		dr	12
HURGHADA	240	9		00	0	0	-	21.0		12	17		7		59	4	0	dr	
QUSEIR	310	9	15	00	0	0	-	20.8	+6.3	17	19	-6	12	-4	52	7	0	0	4
PORT SÛDÂN	350	18	30	02	0	2	Sc	17.6		21	25		16		65	14	0	34	94
WÂDI HALFA	360	3	30	00	0	0	-	20.6		11					41	-1	0	tr	
ABU HAMAD	50	9	30	00	0	0	-	17.9		13	26		9		38	-1	0		
KAREIMA	30	6	30	00	0	0	-	18.0		15	26		10		27	-4	0	3	1
'ATBARA	160	9	30	00	0	0	-	16.7		17			12		24	-4	0	7	2
KHARTÛM	20	9	30	00	0	0	-	15.6		17	29		13		37	2	0	10	4
KASSALA	50	13	10	07	0	0	-	12.3		20	33		16		56	11	0	2	8
WÂD MEDANI	360	9	50	00	0	0	-	14.6		18	31		15		17	-8	0	11	12
RENK	360	13	50	00	0	0	-	13.4		23	33		16		20	-1	0	0	49
ROSEIRES	310	5	35	00	0	0	-			20	36		16		24	-1	0	2	37
EL OBEID	20	14	30	00	0	1	Ci	14.9		17	29		12		-	-	0	0	16
EL FÂSHER	360	2	30	00	0	0	-			14	30		9		32	-3	0	0	6
GENEINA	50	15	30	00	0	1	Ci			16	31		10		17	-9	0		4
MALAKÂL	20	17	30	00	0	0	-	9.9		23	35		19		15	-5	0	69	90
WÂU	00	0	30	00	0	0	-	11.0		23	37		20		24	1	0	261	156
JUBA	40	2	10	03	1	6	Ci	9.3		27	34		17		23	4	dr	145	172

HUMIDITY % Mean of day

Station	on 11th	Diff. from normal
Alexandria	53	-12
Ezbekîya	61	+1
Gîza	58	-6
Helwân	56	+9

GÎZA GRASS MINIMUM TEMP. ON 12th 1.7 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

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

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

UPPER WIND OBSERVATIONS on 11th

Height m.	Fouad A.P. Dir.	Vel.	Minia Dir.	Vel.	W. Halfa Dir.	Vel.
300	310	16	350	13		
600	320	20	350	13	10	36
1000	310	16	340	14	30	31
1500			330	16	10	13
2000						
3000					360	15
4000					340	16
5000					3	10
6000						
7000						
8000						

UPPER WIND OBSERVATIONS on 12th

Height m.	Sîdi Barâni Dir.	Vel.	Matrûh Dir.	Vel.	Fouad Airport Dir.	Vel.	Port Sa'îd Dir.	Vel.	El 'Arîsh Dir.	Vel.	Helwân Dir.	Vel.	Minya Dir.	Vel.	Asyût Manqabad Dir.	Vel.	Luxor Dir.	Vel.	Aswân Dir.	Vel.	Hurghada Dir.	Vel.	Dir.	Vel.
Time	5										6	30	3	30					5		9			
300	270	21									170	10	140	5					50	4	300	10		
600	280	23									220	14	80	4					40	23	330	14		
1000	270	22									290	22	280	6					40	16	300	10		
1500	280	24									310	28							40	11	20	11		
2000	280	24																	360	8	340	8		
3000	300	23																						
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Sîwa Dir.	Vel.	Bahariya Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Wâdi Halfa Dir.	Vel.	Abû Hamad Dir.	Vel.	Kareima Dir.	Vel.	Khartûm Dir.	Vel.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fâsher Dir.	Vel.	Malakâl Dir.	Vel.
Time	5		5		5		5		5				4	15					4	30	4	15	4	15
300	230	18	270	12	50	2	20	9	30	15														
600	250	17	270	15	60	5	20	14	30	18			40	6									20	23
1000	270	12	260	12	60	5	30	13	10	12			40	21					30	33	30	14	20	38
1500	260	10	330	16	40	8	310	10	30	15			50	26					60	22	50	20	50	1
2000	280	21	320	18	360	15	340	8					50	34					60	5				
3000	290	16	310	27	10	34	330	16	280	10											50	5	10	5
4000	290	25																						
5000	290	26																						
6000	290	4																						
7000																								
8000																								

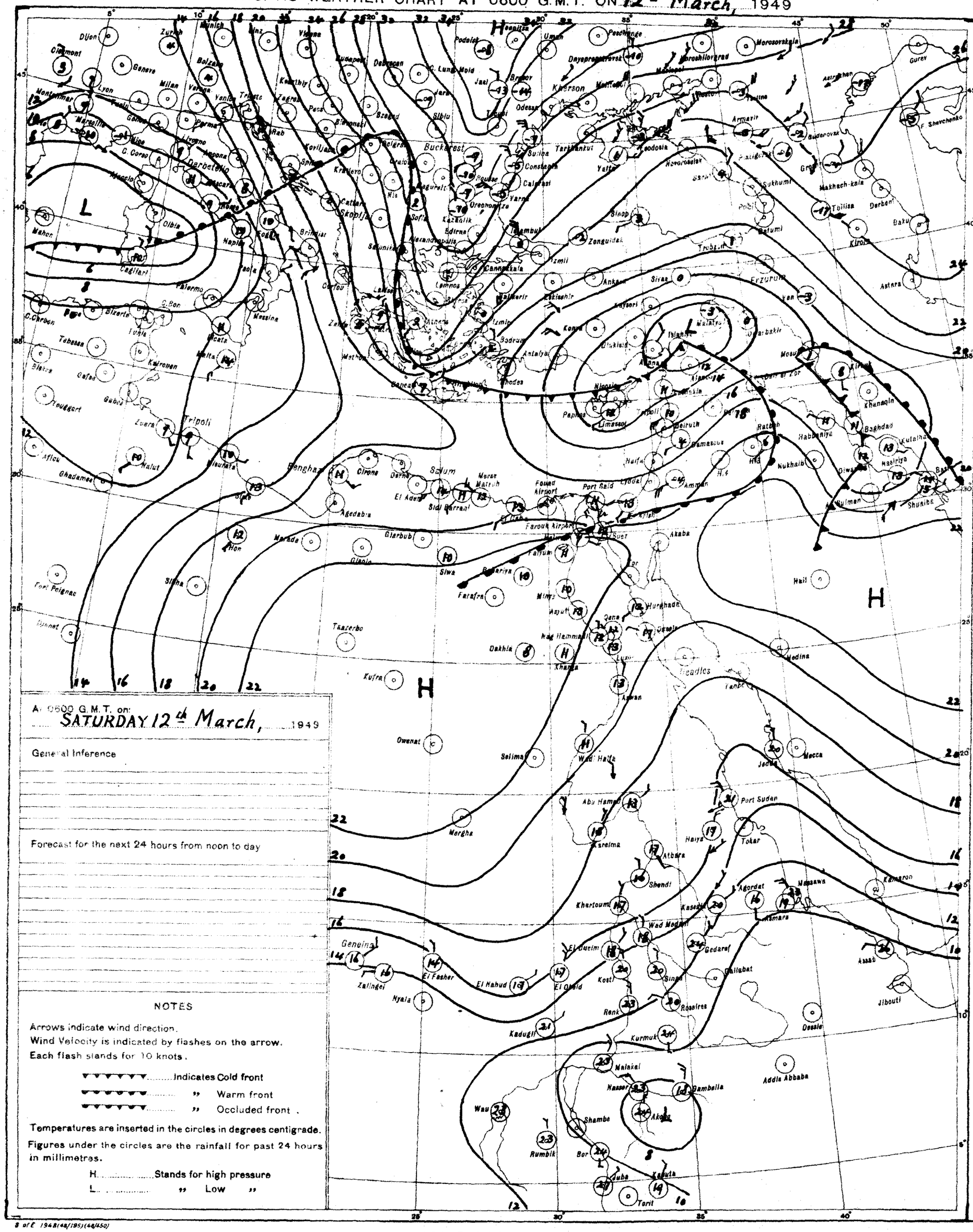
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 12th March, 1949


At 0600 G.M.T. on:
SATURDAY 12th March, 1949
General Inference
Forecast for the next 24 hours from noon to day
NOTES
Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.
Indicates Cold front
" Warm front
" Occluded front.
Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.
H Stands for high pressure
L " Low "
Buckarest
Khartoum
Port Sudan
Addis Ababa
Jibouti
Mecca
Medina
Tokar
Gedaref
Kassala
Asmara
Massawa
Wad Medani
El Obeid
Kosti
Renk
Malakal
Nasser
Bambella
Akobo
Shambe
Bor
Juba
Kaduguli
Kurmuk
Geneina
Zalingei
El Fasher
El Nahud
Nyala
Rumbik
Wau
Torit
Kabuta
Shendi
Atbara
Karima
Abu Hamed
Wadi Halfa
Merga
Dongola
Khartoum
Port Said
Suez
Aswan
Luxor
Hurghada
Kufra
Owenat
Selima
Dakhla
Kharga
Farafra
Siwa
Jaghbub
Tripoli
Benghazi
Sollum
Cairo
Alexandria
Athens
Rhodes
Cyprus
Beirut
Damascus
Haifa
Amman
Jerusalem
Aqaba
Baghdad
Basra
Tehran
Tbilisi
Baku
Astrakhan
Odessa
Kherson
Sebastopol
Istanbul
Ankara
Erzurum
Trebizond
Sinop
Batum
Sukhumi
Rostov
Kiev
Moscow
Leningrad
Murmansk
Rome
Naples
Palermo
Cagliari
Marseille
Lyon
Paris
Madrid
Lisbon
Algiers
Tunis
Malta
Tangier
Casablanca
Dakar
Freetown
Accra
Lagos
Fort Lamy
Khartoum
Addis Ababa
Nairobi
Mombasa
Dar es Salaam
Lusaka
Salisbury
Pretoria
Cape Town
Durban
Mauritius
Seychelles
Madagascar
Tananarive
Diego Suarez
Zanzibar
Aden
Muscat
Karachi
Bombay
Calcutta
Rangoon
Bangkok
Saigon
Hong Kong
Shanghai
Tokyo
Osaka
Sapporo
Vladivostok
Irkutsk
Tashkent
Alma Ata
Omsk
Novosibirsk
Yakutsk
Tiksi
Dikson
Murmansk
Reykjavik
Stockholm
Helsinki
Oslo
Copenhagen
London
Dublin
Lisbon
Madrid
Paris
Berlin
Munich
Vienna
Budapest
Bucharest
Sofia
Athens
Istanbul
Ankara
Tehran
Baku
Tbilisi
Erzurum
Trebizond
Sinop
Batum
Sukhumi
Rostov
Kiev
Moscow
Leningrad

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 No 7 F.

DAILY WEATHER REPORT

Date : SUNDAY 13TH MARCH , 1949

At 1200 on Sat. 12th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALÛM	360	8	7	01	0	3	Ac	17.4	20	64	13
	62303	SÎDI BARÂNI	320	6	50	01	1	3	Ci	18.7	19	73	14
	62306	MATRÛH	10	11	15	02	1	3	Ci	18.2	17	72	12
	62309	EL DABA'											
		ALEXANDRIA	360	9	50	02	2	6	Sc,Ac	17.6	17	52	7
	62318	FOUAD (Airport)	240	14	12	02	0	2	Ci	18.0	18	49	7
	62330	DAMIETTA	320	9	15	01	2	7	Ci	17.1	18	60	10
	62333	PORT SA'ID	270	16	18	02	0	1	Ci.Ac	17.2	19	64	12
	62336	EL 'ARISH	270	2	35	02	2	7	St	17.9	19	52	9
LOWER EGYPT	62339	DAMANHUR	310	13	15	02	0	-		18.2	21	33	4
	62342	MANSURA	270	9	35	01	1	3	Ac	17.6	21	41	7
	62348	TANTA	270	13	35	02	0	0	-	18.8	22	36	6
	62354	ZAGAZIG	250	5	15	00	0	0	-	18.2	22	36	6
	62441	ISMA'ILIA	270	9	7	02	2	5	As	17.8	21	33	4
CAIRO AREA	62366	FAROUK (Airport)	270	14	30	03	1	8	Cu	18.3	21	23	-1
	62372	ALMAZA	260	11	30	02	0	3	Ci.Cs	18.3	22	36	6
		EZBEKIYA	290	7	35	03	0	2	Cu,Ci	18.3	22	29	3
		GIZA	290	7	35	03	0	2	Cu,Ci	18.4	22	30	4
	62378	HELWÂN	250	4	50	03	2	6	Ci	18.8	20	33	3
UPPER EGYPT	62381	FAIYÛM	290	2	35	03	2	7	St	19.6	20	43	7
	62387	MINYA	280	3	14	02	0	3	Ci	20.1	21	33	4
	62393	ASYÛT MANQABÂD	360	3	30	03	1	3	Ci	20.5	20	35	4
	62399	NAG' HAMMÂDI	250	4	15	00	0	0	-	18.3	23	32	5
	62402	QENA	220	5	50	03	1	3	Ci	18.2	24	32	6
	62405	LUXOR	30	4	30	01	0	1	Ci	18.1	22	36	6
	62414	ASWÂN	360	3	50	00	0	0	-	17.1	23	32	5
OASES	62417	SÎWA	270	5	15	00	0	0	-	20.4	24	61	16
	62420	BAHARÎYA	270	2	35	03	1	4	Ac	19.6	23	24	1
	62423	FARAFRA											
	62432	DAKHLA	40	3	50	00	0	0	-	18.7	22	29	3
	62435	KHARGA	00	0	35	00	0	0	-	19.6	22	21	-1
RED SEA	62450	SUEZ	00	0	35	03	0	2	Cu	17.4	19	52	9
	62459	TÔR											
	62462	HURGHÂDA	350	12		02	0	2	Ci	18.6	18	60	10
	62465	QUSEIR	40	9	15	02	0	0	-	19.5	20	64	13
	62641	PORT SUDÂN	30	20	7	07	2	1	Cu	13.9	24	50	13
NORTH SUDAN	62600	WÂDI HALFA	50	7	30	00	0	0	-	16.9	23	20	-1
	62640	ABU HAMAD	70	9	50	00	0	0	-	12.5	27	8	-10
	62660	KAREIMA	50	9	30	00	0	0	-	13.5	27	8	-10
	62680	'ATBARA	360	5	10	00	0	0	-	10.2	30	13	-1
	62721	KHARTÛM	20	9	30	02	0	0	-	10.0	29	25	7
	62730	KASSALA	20	9	10	07	0	0	-		32	21	7
CENTRAL SUDAN	62751	WÂD MEDANI	360	9	35	00	0	0	-	7.4	31	11	-3
	62801	RENK	50	5	50	00	0	0	-		31	29	11
	62802	ROSEIRES	290	5	35	00	0	0	-		34	20	8
	62771	EL OBEID	30	15	30	00	0	1	Ci	9.1	27	5	-15
	62760	EL FÂSHER	50	10	30	00	0	0	-		26	13	-5
	62770	GENEINA	50	10	30	00	0	1	Ci		29	6	-12
S. SUDAN	62840	MALAKÂL	20	13	30	03	1	6	Ac	5.0	34	9	-4
	62880	WÂU	360	2	30	00	0	0	-	4.7	35	9	-2
	62941	JUBA	50	5	30	03	1	5	Ac.Ci	3.1	35	10	-1

At 1800 on Sat. 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.	RAIN PAST 12 hrs mms.
62300	SALÛM	70	5	7	02	0	3	Ac	17.0	15	88	13	0
62303	SÎDI BARÂNI	70	16	35	03	1	5	Ac.C	17.6	14	95	14	0
62306	MATRÛH	110	4	12	03	2	8	As	17.7	14	77	10	0
62309	EL DABA'												
	ALEXANDRIA	360	5	7	03	2	8	Sc,Ac	18.8	16	68	10	0
62318	FOUAD (Airport)	330	4	12	02	2	6	Ac.C	18.0	14	77	10	0
62330	DAMIETTA	290	5		05	0	0	-	17.9	14	88	12	0
62333	PORT SA'ID	300	11	14	03	0	1	Ac	17.7	15	82	12	0
62336	EL 'ARISH			7	02	2	7	Sc,Cu	18.0	15	77	11	0
62339	DAMANHUR	310	9	15	02	0	0	-	18.2	14	63	7	0
62342	MANSURA	320	5	3	00	1	0	-	18.2	14	67	8	0
62348	TANTA	320	2	35	03	1	3	Cu	18.7	15	68	9	0
62354	ZAGAZIG	320	2	3	00	0	0	-	18.8	14	67	8	0
62441	ISMA'ILIA	320	2	7	02	0	0	-	18.0	17	52	7	0
62366	FAROUK (Airport)	290	6	30	00	0	0	-	18.2	16	45	4	0
62372	ALMAZA	310	5	18	00	1	0	-	18.0	17	49	6	0
	EZBEKIYA	360	1	15	03	0	3	Ci	19.2	16	49	5	0
	GIZA	360	1	15	03	0	3	Ci	18.4	15	43	2	0
62378	HELWÂN	270	4	50	02	2	5	Ci,Cs	18.2	17	34	1	0
62381	FAIYÛM	00	0	35	01	1	2	St	18.0	15	68	9	0
62387	MINYA	00	0	12	00	1	0	-	18.7	14	59	4	0
62393	ASYÛT MANQABÂD												
62399	NAG' HAMMÂDI	00	0	15	00	0	1	As	17.6	14	67	8	0
62402	QENA	270	5	7	02	1	3	Ci	18.2	16	59	8	0
62405	LUXOR	00	0		00	0	0	-	17.7	17	46	5	0
62414	ASWÂN	360	9	50	00	0	0	-	16.8	20	24	-1	0
62417	SÎWA	00	0	7	00	0	0	-	20.6	15	48	4	0
62420	BAHARÎYA	00	0	15	03	2	6	Ac	19.0	16	42	3	0
62423	FARAFRA												
62432	DAKHLA	320	3	35	00	0	0	-	18.0	18	37	-3	0
62435	KHARGA	00	0	15	00	0	0	-	18.5	18	28	-1	0
62450	SUEZ	00	0	15	01	0	0	-	17.2	16	68	10	0
62459	TÔR												
62462	HURGHÂDA	320	7		01	1	1	Ci	19.0	18	52	8	0
62465	QUSEIR	360	9	15	02	0	3		18.4	17	68	11	0
62641	PORT SUDÂN												
62600	WÂDI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	'ATBARA												
62721	KHARTÛM												
62730	KASSALA												
62751	WÂD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID												
62760	EL FÂSHER												
62770	GENEINA												
62840	MALAKÂL												
62880	WÂU												
62941	JUBA												

At 0600 on SUNDAY 13th

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	BAR. Diff. from normal mbs.	TEMP. Dry Bulb	TEMP. Maximum Yesterday	TEMP. Maximum Diff. from normal	TEMP. Minimum Today	TEMP. Minimum Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL Past 24 hrs.	RAINFALL Total From Oct. 1st.	RAINFALL Normal From Oct. 1st.
SALUM	140	6	7	03	2	6	Ac	16.8		13	23		9		88	11	0		
SÎDI BARÂNI	110	15	50	03	1	7	Ac.C	17.8		13	19		10		88	11	0	238	
MATRÛH	180	9	14	02	2	8	Ac	18.5		12	18		9		82	10	0		
EL DABA'																			
ALEXANDRIA	130	5	35	03	2	8	Sc,Ac	19.9	+3.8	14	18	-3	11	-2	77	10	0	251	175
FOUAD (Airport)	140	4	10	02	2	7	Sc,Ac	19.9		11	18		6		95	11	0	253	135
DAMIETTA	90	2		12	2	8	Sc	19.9	+4.0	12	19		7		88	10	0	315	95
PORT SA'ID	310	2	12	03	2	7	Sc,As	19.6		14	20		12		67	8	0	57	
EL 'ARISH	220	2	35	02	2	6	Cu	20.3	+3.8	14	20	-1	10	0	88	12	0		77
DAMANHUR	130	9	3	03	1	5	Cc	20.2	+3.9	12	22	-1	7	-3	88	10	0	98	87
MANSURA	220	2	35	01	1	4	Ac	20.3	+4.2	12	22	-1	6	-3	77	8	0	40	44
TANTA	130	2	35	03	1	6	Cu	20.8	+4.0	11	22	-1	4	-4	88	9	0	28	34
ZAGAZIG	40	5	7	03	1	6	Cu	20.0	+3.7	13	23	-1	8	0	77	9	0	17	23
ISMA'ILIA	360	2	3	02	6	6	As	20.3		13	22		9		77	9	0	11	
FAROUK (Airport)	110	6	12	00	0	0	-	18.5		12	22				67	6	0		
ALMAZA	40	12	13	02	1	4	Ci	19.6		12	22		7		59	4	0		
EZBEKIYA	40	6	15	03	0	2	Ci	20.0	+3.6	12	23	-1	8	-2	63	5	0	8	20
GIZA	40	6	15	03	0	2	Ci	20.0	+3.3	14	23	-1	5	-3	66	8	0	14	20
HELWÂN	00	0	7	00	1	3	Ci	19.9	+3.5	12	21	-3	9	-2	63	5	0	15	22
FAIYÛM	00	0	35	02	0	2	St	19.9	+3.5	14	23	-2	6	-3	48	3	0	6	7
MINYA	00	0	10	00	0	0	-	19.2		11	22		5		71	6	0	5	
ASYÛT MANQABÂD	00	0	18	00	0	0	-	18.9		12	22		9		56	3	0	0	
NAG' HAMMÂDI	00	0	14	00	0	0	-	18.8	+2.9	15	24		6		48	4	0	0	
QENA	320	5	15	00	0	0	-	19.4	+4.3	15	25	-5	8	-3	48	4	0	dr	
LUXOR	00	0	30	01	0	1	Ci	18.7		14	24		7		55	5	0	dr	
ASWÂN	00	0	50	00	0	0	-	17.9	+2.7	13	25	-5	10	-4	67	7	0	dr	
SÎWA	00	15	15	00	0	0	-	18.0	-0.1	13	24	-1	4	-4	55	4	0	0	7
BAHARÎYA	00	0	3	03	1	8	Ac	19.5	+2.5	12	24	-1	5	-4	44	0	0	dr	7
FARAFRA																		dr	
DAKHLA	320	2	35	00	0	0	-	18.3	+1.7	9	24	-4	6	-4	47	-2	0	dr	
KHARGA	00	0	35	00	0	0	-	18.3	+2.3		23	-5	8	-3		3	0	0	
SUEZ	00	0	35	00	0	4	Sc,Cu	18.8	+2.8	13	20	-4	7	-5	67	7	0	12	13
TÔR																		dr	12
HURGHADA	260	7		00	0	0	-	18.5		17	20		10		39	3	0	dr	
QUSEIR	310	9	15	00	0	2	Ci	17.8	+3.4	19	20	-5	14	-3	46	7	0	0	4
PORT SUDÂN	330	14	50	01	2	5	Sc	15.3		21	26		16		53	11	0	34	94
WÂDI HALFA	350	4	30	00	0	0	-	17.0		13	25		8		38	-1	0	4	
ABU HAMAD	50	5	50	00	0	0	-	14.4		17	29		12		28	-2	0		
KAREIMA	50	6	30	00	0	0	-	14.8		17	28		13		32	0	0	3	1
'ATBARA	360	9	10	00	0	0	-	13.5		18	30		14		40	4	0	7	2
KHARTÛM	20	6	30	02	0	0	-	12.8		19	31		13		35	3	0	10	4
KASSALA	00	0	30	00	0	0	-	9.5		25	33		14		45	12	0	2	8
WÂD MEDANI	50	13	50	00	0	0	-	11.6		18	34		12		30	0	0	11	12
RENK	50	9	50	00	0	0	-	11.5		20	32		15		26	0	0	0	49
ROSEIRES	340	5	35	00	0	0	-			21	36		17		35	5	0	2	37
EL OBEID	360	15	30	00	0	0	-	12.7		18	29		12		10	-15	0	0	16
EL FÂSHER	10	5	30	00	0	2	Ci			15	26		10		32	-2	0	0	6
GENEINA	20	12	30	00	0	1	Ci			17	31		15		9	-16	0		4
MALAKÂL	20	14	30	03	1	3	Ci	9.3		24	35		20		13	-7	0	69	90
WÂU	00	0	30	00	0	0	-	9.6		23	36		19		24	1	0	261	156
JUBA	360	2	10	01	1	2	Ac	9.0		25	37		17		30	6	0	145	173

HUMIDITY % Mean of day

STATION	on 12th	Diff. from normal
Alexandria	68	+3
Ezbekiya	51	-9
Gîza	45	-19
Helwân	43	-4

GÎZA GRASS MINIMUM TEMP.

ON 13th 2.1 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — FAROUK AIRPORT — On 13th At 3

PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	144	9	71	180	2
950					
900					
850	1494	6	66	320	18
800					
700	3062	-5		290	24
600					
500	5615	-22		290	44
400		-33			
300					

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

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

UPPER WIND OBSERVATIONS on 12th

STATION	Minya																											
TIME	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.	DIR.	VEL.
300	10	8																										
600	340	10																										
1000	330	11																										
1500	310	10																										
2000	310	12																										
3000																												
4000																												
5000																												
6000																												
7000																												
8000																												

UPPER WIND OBSERVATIONS on 13th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ID		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Farouk A.P.	
TIME											7		3				5		5				3	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300											60	3	10	5			20	13	350	6			360	4
600											20	4	240	3			60	10	50	12			290	9
1000											300	6	250	3			60	12	50	17			270	13
1500											330	9	16	6			10	5	30	6			320	18
2000											350	18					20	4	30	6			290	19
3000											270	12											290	24
4000																								
5000																								
6000																							290	52
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	5		5		5		5		4		4		5		4 30				4		4 30			
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	150	18	90	8	70	3	40	13	20	13														
600	150	18	90	3	90	7	50	13	40	15	50	19	40	22	20	22								
1000	160	15	90	3	90	10	50	10	50	20	50	18	50	20	40	31			40	27	50	16		
1500	130	5	160	3	10	3	40	3	30	4	50	9	40	11	40	29			70	21	90	4		
2000	220	6	340	2	70	4	300	3	20	6	20	7	20	7	30	4			240	3				
3000	240	9	270	14	300	9	310	15	310	11	360	3	310	3	40	6			270	17	160	12		
4000	260	20	280	18			270	23	330	16					280	6								
5000	250	30	270	27					270	16														
6000									260	23														
7000																								
8000																								

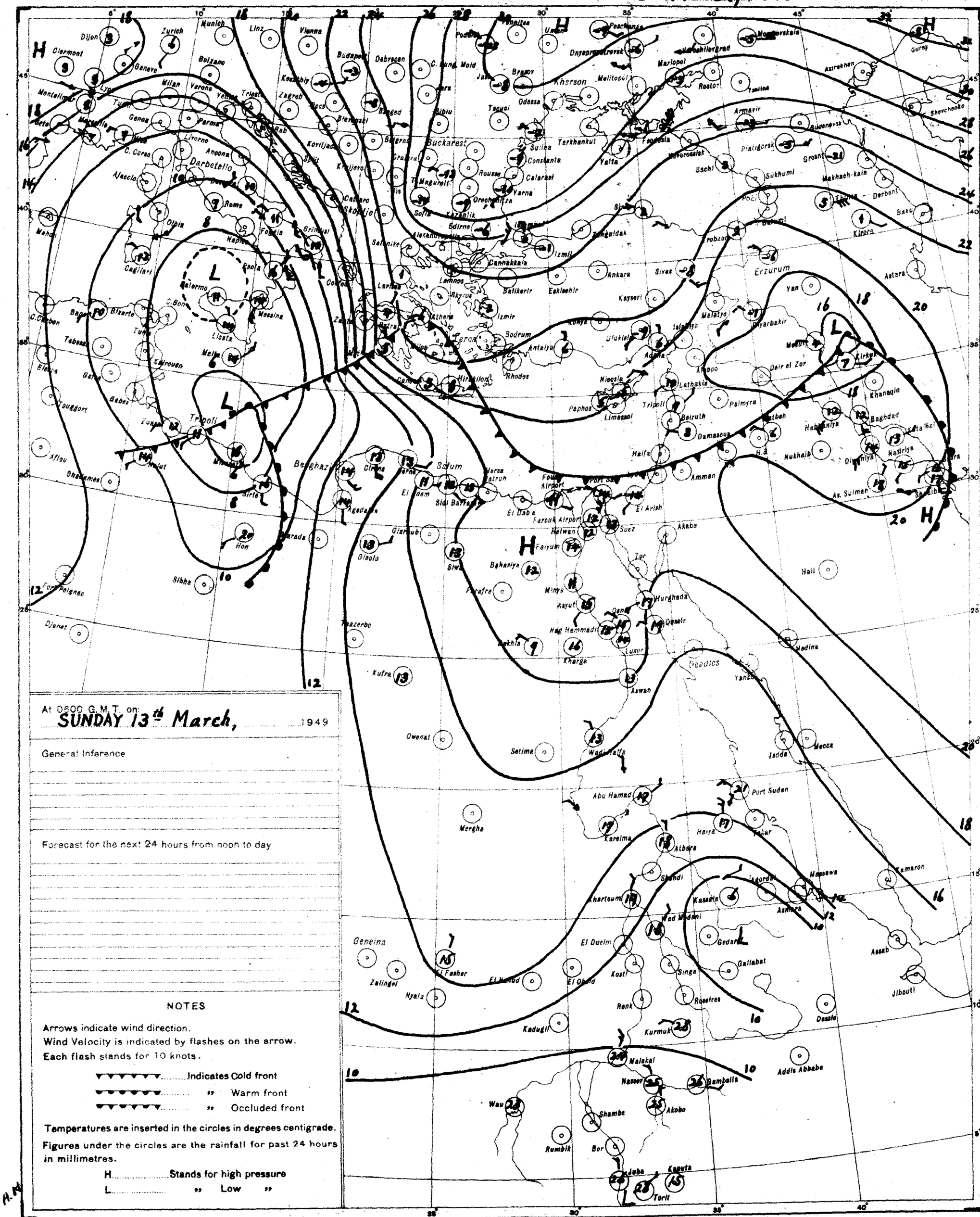
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 13th March, 1949


Dijon
Zurich
Munich
Linz
Vienna
Clermont
Geneva
Bolzano
Milan
Verona
Genoa
Parma
Livorno
Ancona
Darbetello
Rome
Naples
Foggia
Brindisi
Cagliari
Palermo
Messina
Catania
Malta
Tripoli
Tunis
Bizerte
Algiers
Oran
Marseille
Lyon
Budapest
Debrecen
Kecskemet
Zagrab
Belgrad
Sofia
Skopje
Salonike
Athens
Buckarest
Constanta
Varna
Odessa
Kherson
Sevastopol
Yalta
Rostov
Mariopol
Taganrog
Krasnodar
Novorossiysk
Sochi
Sukhumi
Tbilisi
Baku
Derbent
Erzurum
Ankara
Sivas
Kayseri
Izmir
Bodrum
Antalya
Rhodes
Nicosia
Latakia
Beirut
Damascus
Haifa
Amman
Aleppo
Deir el Zor
Baghdad
Basra
Khanaqin
Tobruk
Benghazi
Sollum
El Adem
Sidi Barrani
El Daba
Farouk Airport
Port Said
El Arish
Suez
Helwan
Fayum
Bahariya
Minya
Asyut
Hurghada
Nag Hammadi
Luxor
Kharga
Aswan
Wadi Halfa
Abu Hamad
Port Sudan
Kareima
Atbara
Shendi
Khartoum
Kassala
Asmara
Massawa
Gedaref
Gallabat
Geneina
El Fasher
Nyala
Zalingei
El Obeid
Kosti
Renk
Kadugli
Kurmuk
Malakal
Nasser
Gambella
Akobo
Wau
Shambe
Rumbik
Bor
Juba
Kaputa
Torit
Addis Ababa
Dessie
Jibouti
Asmara
Mecca
Jadda
Medina
Tabuk
Kirkuk
Tehran
Astara
Kirova
Gurev
Shevchenko
Aktau
Krasnovodsk
Tashkent
Samarkand
Bukhara
Kabul
Peshawar
Lahore
Multan
Karachi
Quetta
Jacobabad
Sibbi
Hon
Tarabulus
Nalut
Ghadames
Aflou
Bechar
Biskra
Tuggurt
Gafsa
Tabarka
Kairouan
Sousse
Sfax
Gabes
Zuara
Djanet
Tamanrasset
Kufra
Owenat
Setima
Mergha
Tessalit
Gao
Niamey
Zinder
Fort Lamy
Maiduguri
Kano
Ibadan
Lagos
Accra
Freetown
Dakar
Bathurst
Bamako
Tombouctou
Nouakchott
Port Etienne
Atar
Tindouf
Colomb Bechar
Oran
Algiers
Bizerte
Tunis
Malta
Palermo
Cagliari
Rome
Naples
Brindisi
Foggia
Ajaccio
C. Corso
Livorno
Genoa
Marseille
Nice
Lyon
Dijon
Clermont
Geneva
Zurich
Munich
Linz
Vienna

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 No 7 F.

DAILY WEATHER REPORT

Date: MONDAY 14th MARCH, 1949

At 1200 on SUND. 13th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM	20	8	7	03	2	8	Sc	15.6	19	64	12
	62303	SÎDI BARÂNI	70	14	50	03	2	8		16.4	17	77	13
	62306	MATRÛH	130	12	15	02	2	5	Ci	17.3	19	64	12
	62309	EL DABA	140	10		01	1	1	Sc,Cu		19	49	8
		ALEXANDRIA	40	6	50	01	2	8	Cu.Ci	17.7	17	60	9
	62318	FOUAD (Airport)	100	4	15	01	2	6	Cu.Ci	18.5	18	56	9
	62330	DAMIETTA	110	2	15	01	1	6	Sc	18.8	18	60	10
	62333	PORT SA'ID	30	5	18	01	2	4	Sc.Ac	19.0	17	60	9
	62336	EL 'ARISH	320	9	35	02	2	6	Sc.Cu	19.2	17	60	9
Lower Egypt	62339	DAMANHUR	130	5	15	01	1	2	Ci	18.7	19	52	9
	62342	MANSURA	140	5	35	01	1	4	Ac	18.6	20	56	11
	62348	TANTA	90	2	35	02	2	6	Cu	19.4	19	52	9
	62354	ZAGAZIG	140	5	7	02	1	6	Ac	18.2	20	5	11
	62441	ISMA'ILIA	200	2	7	02	1	7	As		22	44	9
Cairo Area	62366	FAROUK (Airport)	20	6	30	03	2	8	Cu.Cs	17.5	20	35	4
	62372	ALMAZA	320	6	30	02	2	7	Cs	17.5	22	31	4
		EZBEKIYA	320	5	35	03	0	7	Cu,Cs	17.5	22	36	6
		GIZA	320	5	35	03	0	7	Cu,Cs	17.8	22	40	8
	62378	HELWÂN	00	0	35	03	2	8	Cc	17.2	22	29	3
Upper Egypt	62381	FAIYÛM	00	0	35	03	2	7	Cu	17.6	22	44	9
	62387	MINYA	360	8	12	02	1	6	Ac.Cu	16.6	23	34	6
	62393	ASYÛT MANQABAD	300	3	30	02	0	2	Ci	15.6	24	28	4
	62399	NAG' HAMMADI	00	0	35	00	0	0	–	15.2	26	30	7
	62402	QENA	240	5	50	03	0	3	Ci	15.2	27	20	2
	62405	LUXOR	340	1	30	00	0	0	–	14.9	25	34	8
	62414	ASWÂN	360	8	50	00	0	0	–	14.4	26	23	3
Oases	62417	SÎWA	140	8	15	00	0	0	–	16.8	25	74	20
	62420	BAHARIYA	130	3	35	02	1	3	Ac	16.7	25	17	-2
	62423	FARAFRA											
	62432	DAKHLA	140	6	50	00	0	0	–	14.3	25	17	-2
	62435	KHARGA	00	0	35	00	0	0	–	15.6	25	17	-2
Red Sea	62450	SUEZ	00	0	35	03	2	7	Sc.Cu	17.0	22	44	9
	62459	TÛR	340	8	15	00	0	0	–		20	64	13
	62462	HURGHADA	20	6		03	1	6		16.5	21	57	12
	62465	QUSEIR	20	9	15	02	0	0	–	16.2	21	74	16
	62641	PORT SUDAN	30	17	30	01	0	1	Cu	11.6	25	58	16
North Sudan	62600	WÂDI HALFA	20	8	30	03	0	1	Ci	13.2	27	15	-2
	62640	ABU HAMAD	20	3	50	00	0	0	–	8.5	30	13	-1
	62660	KAREIMA	60	8	30	00	0	0	–	9.9	30	13	-1
	62680	'ATBARA	70	9	30	00	0	0	–	7.1	32	10	-4
	62721	KHARTÛM	50	7	30	02	0	1	Ci	6.9	32	21	7
	62730	KASSALA	20	2	30	00	0	0	–	7.9	30	33	12
Central Sudan	62751	WÂD MEDANI	360	9	35	00	0	0	–	5.1	34	5	-10
	62801	RENK											
	62802	ROSEIRES	310	5	35	00	0	0	–		35	18	7
	62771	EL OBEID	50	10	30	01	1	3	Cu.Cs	6.8	31	5	-13
	62760	EL FÂSHER	130	2	30	01	1	3	Ci		29	17	1
	62770	GENEINA	70	4	30	00	0	2	Ci		31	8	-8
S. Sudan	62840	MALAKÂL											
	62880	WÂU	360	1	30	02	1	7	Ci.Cs	5.0	37	10	0
	62941	JUBA	90	5	30	03	1	7	St.Ac	3.4	36	25	13

At 1800 on SUND. 13th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALUM												
SÎDI BARÂNI	90	18	35	02	2	8	Ci	15.8	14	95	14	0
MATRÛH	140	11	12	03	2	8	Ac	17.2	15	68	9	0
EL DABA	40	9		01	0	0	–		17	56	8	0
ALEXANDRIA	60	9	7	03	2	8	St,Ac	19.8	13	77	9	0
FOUAD (Airport)	40	13	14	02	2	8	Ac,Cs	18.9	13	82	10	0
DAMIETTA	90	5		03	2	8	Sc	19.5	14	77	10	0
PORT SA'ID	60	16	14	03	1	5	Ac	19.3	14	72	9	0
EL 'ARISH												
DAMANHUR	130	9	7	03	2	8	As	18.7	14	77	10	0
MANSURA	40	5	3	03	2	8	Sc,Cu	19.5	13	88	11	0
TANTA	90	2		02	1	0	–	19.9	16	88	10	0
ZAGAZIG	40	9	3	00	1	0	–	19.1	15	68	9	0
ISMA'ILIA	40	9	3	03	2	8	As	18.8	14	67	8	0
FAROUK (Airport)	360	13	30	03	2	6	Ci.Cs	17.4	16	59	8	0
ALMAZA	50	9	18	02	1	4	Cs	17.8	17	52	7	0
EZBEKIYA	40	5	15	03	0	8	Ci	17.9	16	59	8	0
GIZA	40	5	15	03	0	8	Ci	18.0	16	57	8	0
HELWÂN	20	17	15	03	2	8	Cs	17.6	17	52	7	0
FAIYÛM	00	0	35	03	2	8	Ci	17.0	17	52	7	0
MINYA	10	9	10	02	1	6	Ci	16.1	16	56	7	0
ASYÛT MANQABAD												
NAG' HAMMADI	00	0	15	00	0	2	Ac	13.8	16	49	5	0
QENA	270	2	7	01	1	2	Ci	14.3	17	52	7	0
LUXOR												
ASWÂN	00	0	50	00	0	0	–	12.6	22	19	-3	0
SÎWA	00	0	7	00	0	0	–	16.3	19	37	4	0
BAHARIYA	90	1	15	03	2	7	St	15.8	19	30	1	0
FARAFRA												
DAKHLA	00	0	35	00	0	0	–		18	28	-1	0
KHARGA	00	0	15	00	0	0	–	16.1	19	23	-3	0
SUEZ	360	6	15	01	1	3	Sc,Cu	16.8	17	60	9	0
TÛR	310	4	15	00	0	0	–	15.6	19	64	12	0
HURGHADA	280	6		00	0	0	–	15.5	16	77	12	0
QUSEIR	330	9	15	02	0	0	–	15.2	19	64	12	0
PORT SUDAN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on MONDAY 14th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	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	90	12	7	02	2	8	Ac	13.9		14			10		88	12	0		
SÎDI BARÂNI	90	14	35	02	2	8	Ci	14.7		13	20		12		88	11	0	238	
MATRÛH	160	16	13	02	2	7	Sc	16.0		13	20		9		82	10	0		
EL DABA	340	19		01	1	1	Cb			15	24		11		68	9	0		
ALEXANDRIA	90	10	15	03	2	4	Ci	17.4	+1.4	13	19	-2	10	-3	67	7	0	251	175
FOUAD (Airport)	80	18	15	03	1	4	Ci	17.0		13	19		11		67	7	0	253	135
DAMIETTA	90	5		02	2	7	Ac	18.2	+2.3	14	19		10		67	8	0	315	96
PORT SA'ID	70	22	11	03	2	5	Cu,Cb	17.8		14	17		12		55	5	0	57	
EL 'ARISH	140	2	35	01	1	4	Sc,Cu	18.4	+2.0	13			8	-2	67	7	0		78
DAMANHUR	90	13	7	01	1	2	Ci	17.6	+1.3	13	20	-3	9	-1	77	9	0	98	88
MANSURA	40	5	35	01	1	3	Ac	17.9	+1.9	12	21	-2	9	0	77	8	0	40	44
TANTA	90	13	35	02	0	0	–	18.6	+1.8	11	20	-4	7	-1	88	9	0	28	34
ZAGAZIG	40	9	7	03	1	5	Ac	17.8	+1.2	12	21	-3			77	8	0	17	23
ISMA'ILIA	90	9	3	03	2	6	As	17.5		13	22		11		55	4	0	11	
FAROUK (Airport)	80	16	18	03	1	4	Ac	16.8		11	22				71	6	0		
ALMAZA	60	21	18	02	2	6	Ac	16.2		12	22		9		59	4	0		
EZBEKIYA	40	5	15	03	0	1	Ac	16.0	-0.4	12	22	-3	10	0	63	5	0	8	20
GIZA	40	5	15	03	0	1	Ac	16.3	-0.4	14	23	-1	10	+2	57	5	0	14	20
HELWÂN	40	17	15	00	1	3	Ac	15.2	-1.2	14	23	-1	12	+1	55	5	0	15	22
FAIYÛM	20	5	35	01	1	3	Ci	15.0	-1.4	15	23	-2	11	+2	59	7	0	6	7
MINYA	30	6	8	00	0	0	–	13.8		12	24		6		63	5	0	5	
ASYÛT MANQABAD	00	0	18	00	0	0	–	13.2		15	27		10		55	6	0	0	4
NAG' HAMMADI	00	0	15	01	0	2	Ac	13.6	-2.2	16	28		7		39	3	0	0	
QENA	90	2	15	02	1	2	Ci	14.0	-1.0	17	28	-2	10	-1	34	1	0	dr	
LUXOR	00	0	30	03	1	6	Ac	13.1		18			9		37	3	0	dr	
ASWÂN	00	0	50	02	1	3	Sc,Cu	12.7	-2.4	18	27	-3	12	-3	43	5	0	dr	
SÎWA	90	10	15	00	0	0	–	11.5	-6.5	16	27	+2	11	+3	59	8	0	0	7
BAHARIYA	90	3	35	02	2	6	Ac	14.6	-2.3	16	26	+1	12	+3	36	1	0	dr	7
FARAFRA																			
DAKHLA	00	0	35	00	0	0	–	13.2	-3.3	13	26	-2	7	-3	34	-3	0	dr	
KHARGA	00	0	35	00	0	0	–	13.3	-2.7	18	26	-2	12	+1	37	3	0	0	
SUEZ	00	0	35	00	0	2	Ac	15.6	-0.4	15	23	-1	11	-1	59	7	0	12	13
TÛR	20	4	15	00	0	0	–	13.1	-1.7	14	20	-4	11	-1	67	8	0	dr	12
HURGHADA	300	13		00	0	0	–	13.9		17	21		11		64	10	0	dr	
QUSEIR	310	9	15	00	1	4	Cs	13.5	-0.9	19	23	-2	16	-1	52	9	0	0	4
PORT SUDAN	340	10	50	02	2	7	Sc	12.3		23	27		19		69	17	0	34	94
WÂDI HALFA	00	0	30	03	0	1	Ci	12.3		15	29		11		42	2	0	tr	
ABU HAMAD	50	1	30	00	0	0	–	11.5		18	32		13		30	0	0	1	
KAREIMA	20	3	30	00	0	0	–	10.9		18	32		12		28	-1	0	3	1
'ATBARA	00	0	30	00	0	0	–	11.2		19	33		14		35	3	0	7	2
KHARTÛM	20	8	30	01	1	2	Cs	9.7		21	33		16		35	5	0	10	4
KASSALA	20	2	30	00	0	0	–	8.2		23	34		13		53	13	0	2	8
WÂD MEDANI																	0	11	12
RENK	50	5	50	00	0	0	–	10.6		23	31		17		27	3	0	0	49
ROSEIRES	290	2	35	00	0	0	–			23	38		17		34	6	0	2	37
EL OBEID	360	2	30	01	1	1	Cs	10.0		21	32		15		11	-11	0	0	16
EL FÂSHER	10	13	50	00	1	0	–			21	31				53	11	0	0	6
GENEINA	70	1	30	02	1	7	Ci			15	35		13		25	-5	0		4
MALAKÂL	30	11	30	01	1	2	Ac,Cs	7.5		20	38		18		19	-4	0	69	90
WÂU	00	0	30	00	0	1	As	7.5		25	39		21		30	6	0	261	157
JUBA	270	5	30	21	9	7	Cu,Sc,Ac	8.5		26	37		25		66	19	1	146	174

HUMIDITY

Mean % of day

Station	on 13th	Diff. from normal
Alexandria	71	+6
Ezbekiya	60	0
Giza	58	-6
Helwân	49	+2

GÎZA GRASS MINIMUM TEMP. ON 14th 7.8 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — Farouk AIRPORT — On 14th At 4

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	128	9	71	70	12
950					
900					
850	1473	5	28	80	9
800					
700	3025	-6		32	8
600					
500	5579	-22		260	31
400		-36			
300					

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

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

UPPER WIND OBSERVATIONS on 13th

Height m.	Fouad A.P. Dir.	Fouad A.P. Vel.	Minya Dir.	Minya Vel.
Time	15		15	
300	60	11	70	3
600	80	8	70	3
1000	70	8	80	8
1500	50	6	80	9
2000			120	11
3000			180	11
4000				
5000				
6000				
7000				
8000				

UPPER WIND OBSERVATIONS on 14th

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Sa'id Dir.	Port Sa'id Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Farouk A.P. Dir.	Farouk A.P. Vel.
Time	5										6 30		3				6 30		5				4	
300	100	22									70	17	360	11			40	6	360	8			80	28
600	100	21									70	11	10	12			90	10	90	12			80	24
1000	110	17									80	13	20	11			90	12	100	5			70	17
1500											80	12	20	13			170	5	80	8			80	9
2000											80	4					200	10	270	9			160	3
3000											230	2					260	13					320	8
4000											280	17												
5000											270	26											260	30
6000																							260	38
7000																								
8000																								

Height m.	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time	5		5		5		6		4						4 30				4 30		4 30			
300	100	39	80	16	100	15	50	10	60	4														
600	120	46	90	23	100	17	60	9	70	11					20	16								
1000	140	41	100	21	140	17	40	5	40	11					30	25			30	20	360	8		
1500	160	37	100	8	140	14	220	5	60	8					30	6			70	6	130	4		
2000	170	16	290	4			280	8	360	2					210	4								
3000	150	16	310	15			260	12	280	11					230	5					230	18		
4000			300	22					260	12											290	18		
5000			290	26																				
6000																								
7000																								
8000																								

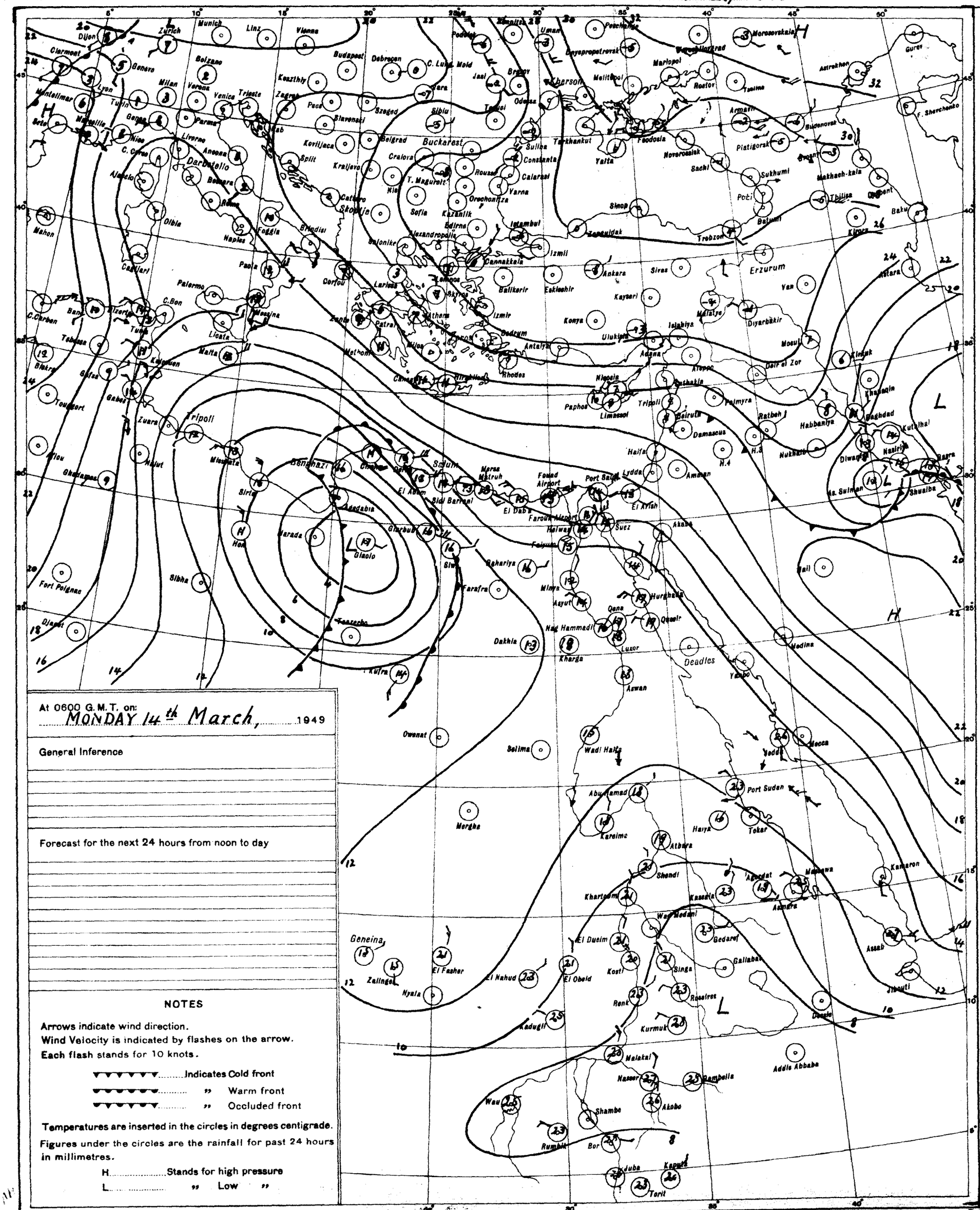
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 14th March, 1949


Munich
Zurich
Linz
Vienna
Dijon
Clermont
Genova
Budapest
Dabrecen
Belzano
Milan
Verona
Venice
Trieste
Zagreb
Pecs
Szeged
Sibiu
Jasi
Odessa
Kherson
Melitopol
Mariopol
Rostov
Astrakhan
Gurev
Marseille
Nice
Livorno
Ancona
Bologna
Parma
Belgrad
Bucharest
Craiova
Constanta
Sulina
Tarkhankut
Feodosia
Yalta
Novorossiisk
Sochi
Sukhumi
Poti
Batumi
Tbilisi
Baku
Sinop
Trebizond
Ankara
Sivas
Erzurum
Van
Kirkuk
Mosul
Diyarbakir
Aleppo
Damascus
Haifa
Amman
Jerusalem
Beirut
Tripoli
Palmyra
Ratbeh
Baghdad
Basra
Kuwait
Bahrein
Jeddah
Mecca
Port Sudan
Tokar
Asmara
Massawa
Kassala
Khartoum
Wad Medani
Gedaref
El Obeid
El Fasher
Nyala
Zalingei
Geneina
Kosti
Renk
Malakal
Bor
Juba
Torit
Kampala
Addis Abbaba
Djibouti
Aden
Hodeida
Luxor
Aswan
Kharga
Asyut
Minya
Cairo
Port Said
Suez
Ismailia
Lydda
Tripoli
Benghazi
Tobruk
Sidi Barrani
Marsa Matruh
Siwa
Sirte
Misurata
Zuara
Malta
Palermo
Messina
Catania
Cagliari
Algiers
Oran
Tunis
Bizerta
Tangier
Casablanca
Rabat
Mahon
Marseille
Lyon
Bordeaux
Brest
Paris
London
Dublin
Reykjavik
Madrid
Lisbon
Rome
Naples
Foggia
Brindisi
Corfu
Athens
Salonika
Istanbul
Izmir
Rhodes
Nicosia
Limassol
Paphos
Cairo
Khartoum
Port Sudan
Asmara
Addis Abbaba
Nairobi
Mombasa
Dar es Salaam
Tanga
Zanzibar
Mogadishu
Kampala
Entebbe
Kisumu
Lake Victoria
Lake Tanganyika
Lake Nyasa
Lake Rudolf
Lake Chad
Lake Tana
Lake Albert
Lake Edward
Lake Kivu
Lake Mweru
Lake Bangweulu
Lake Kariba
Lake Ngami

GAIRO
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 No 7 F.

DAILY WEATHER REPORT

Date: TUESDAY 15th MARCH, 1949

At 1200 on MON 14th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM	40	24	7	05	3	8	Ac	12.0	16	77	12
	62303	SÎDI BARÂNI	90	26	35	02	2	8	Ac	12.7	14	94	13
	62306	MATRÛH											
	62309	EL DABA	90	25		01	1	4	Cu				8
		ALEXANDRIA	90	16	50	01	2	3	Sc,Cu	14.6	17	52	7
	62318	FOUAD (Airport)	30	23	15	01	1	1	Ci	13.9	18	49	7
	62330	DAMIETTA	90	9	15	01	0	0	-	15.9	16	59	8
	62333	PORT SA'ID	60	22	15	02	0	1	Ci	16.1	15	59	7
	62336	EL 'ARISH	40	9	35	01	0	0	-	17.2	16	59	8
Lower Egypt	62339	DAMANHUR	90	13	7	02	1	2	Ci	14.7	19	46	7
	62342	MANSURA	40	9	35	00	1	0	-	15.4	19	46	7
	62348	TANTA	90	13	35	02	0	0	-	15.8	20	46	8
	62354	ZAGAZIG	40	13	15	01	1	3	Ac	14.6	20	46	8
	62441	ISMA'ILIA	40	13	7	03	2	5	As	14.0	20	24	-1
Cairo Area	62366	FAROUK (Airport)	80	24	30	02	1	3	Ci	12.4	22	17	-4
	62372	ALMAZA	40	14	30	01	2	4	Ci	12.2	22	16	-5
		EZBEKIYA	40	11	35	03	0	2	Ci	12.4	23	24	1
		GIZA	40	11	35	03	0	2	Ci	12.6	22	20	-2
	62378	HELWÂN	40	17	35	02	1	3	Cu	10.8	24	21	0
Upper Egypt	62381	FAIYÛM	20	2	35	02	1	3	Ci	10.8	25	22	2
	62387	MINYA	200	6	14	03	0	6	Ci	10.1	27	20	2
	62393	ASYÛT MANQABAD	00	0	30	03	0	3	Ci	8.4	26	35	9
	62399	NAG' HAMMÂDI	00	0	35	01	1	5	Ac,Ci	8.8	28	27	7
	62402	QENA	180	2	50	03	1	3	Ci	9.4	29	25	7
	62405	LUXOR	140	5	10	03	1	6	Ci,Cs	9.1	28	25	6
	62414	ASWÂN	290	7	50	03	2	6	Sc,Cu	8.3	28	19	2
Oases	62417	SÎWA	90	18	7	05	3	0	—		25	61	17
	62420	BAHARÎYA	90	4	35	03	2	8	As	10.6	25	22	2
	62423	FARAFRA											
	62432	DAKHLA	140	9	50	00	0	0	Sc,Ci	7.5	28	14	-2
	62435	KHARGA	00	0	35	00	0	0	-	9.1	28	16	0
Red Sea	62450	SUEZ	00	0	35	02	0	2	Sc,Cu	11.1	24	26	3
	62459	TÔR											
	62462	HURGHÂDA	20	6		02	1	3	Ci	10.7	21	33	4
	62465	QUSEIR	360	9	15	02	1	4	Ac	12.0	23	34	6
	62641	PORT SUDÂN	60	14	30	01	1	2	Cu,Ac	8.9	25	79	21
North Sudan	62600	WÂDI HALFA	50	2	30	03	0	2	Ci	7.4	30	11	-4
	62640	ABU HAMAD	180	2	50	00	0	0	-	5.6	31	19	5
	62660	KAREIMA	00	0	30	00	0	0	-	6.0	32	17	4
	62680	'ATBARA	50	5	30	00	0	0	-	4.9	32	15	3
	62721	KHARTUM	00	0	30	02	0	2	Ci	4.9	35	22	10
	62780	KASSALA	270	2	30	00	0	0	-	2.4	37	13	4
Central Sudan	62751	WÂD MEDANI	270	5	35	00	0	0	-	1.3	36	12	2
	62801	RENK											
	62802	ROSEIRES	340	5	35	00	0	0	-		38	18	10
	62771	EL OBEID	60	1	30	03	1	6	Ci	36	33	10	-3
	62760	EL FÂSHER	180	9	30	01	1	2	Ci		34	5	-10
	62770	GENEINA	230	9	30	01	2	5	Ci		35	7	-6
S. Sudan	62840	MALAKÂL	180	7	30	03	1	6	Ac	2.4	38	11	3
	62880	WÂU	30	4	30	01	1	4	Ac	1.8	39	14	7
	62941	JUBA	90	5	7	16	1	6	Cu,Sc,Ac	3.7	33	44	19

At 1800 on MON 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.	Rain Past 12 hrs mms.
Mediterranean	62300	SALUM	70	22	7	18	5	8	Ac		15	88	13	tr
	62303	SÎDI BARÂNI	70	14	35	02	2	8	Sc,Cu	14.7				0
	62306	MATRÛH	120	22	11	02	2	8	As	14.6	14	67	8	0
	62309	EL DABA	90	14		01	0	0	-		15	59	7	0
		ALEXANDRIA	40	16	7	03	2	8	Sc,Ac	15.0	13	67	7	0
	62318	FOUAD (Airport)	60	21	12	02	2	7	As	14.7	13	72	8	0
	62330	DAMIETTA	40	13		03	2	8	Sc	15.0	14	67	8	0
	62333	PORT SA'ID												
	62336	EL 'ARISH	40	13	7	03	1	4	Cu		16	77	12	0
Lower Egypt	62339	DAMANHUR	40	19	7	01	0	0	-	15.0	12	77	8	0
	62342	MANSURA	20	5	3	00	0	0	-	15.4	13	67	7	0
	62348	TANTA	90	16	35	02	0	0	-	15.4	12	77	8	0
	62354	ZAGAZIG	40	19	3	03	1	8	Ac	14.8	14	67	8	0
	62441	ISMA'ILIA	40	13	3	03	2	8	As	14.4	14	55	5	0
Cairo Area	62366	FAROUK (Airport)	80	18	12	02	1	2	Ci	13.9	15	48	4	0
	62372	ALMAZA												
		EZBEKIYA	40	14	15	03	0	8	Ci,Cs	13.2	13	67	7	0
		GIZA	40	14	15	03	0	8	Ci,Cs	13.4	16	40	2	0
	62378	HELWÂN	40	26	7	35	3	8	Cs	11.6	15	39	1	0
Upper Egypt	62381	FAIYÛM	20	12	7	07	3	8	Ci	11.1	17	42	4	0
	62387	MINYA	20	9	10	02	2	8	Ci	9.2	13	72	8	0
	62393	ASYÛT MANQABAD												
	62399	NAG' HAMMÂDI	00	0	15	02	2	6	Ac,Ci	8.4	19	46	7	0
	62402	QENA	360	2	7	03	1	6	Ac	8.8	20	46	8	0
	62405	LUXOR												
	62414	ASWÂN	360	4	50	02	1	6	Sc,Cu	7.9	24	24	2	0
Oases	62417	SÎWA	90	16	7	50	5	8	Sc,Cu	9.8	18?	37	3	dr
	62420	BAHARÎYA	40	5	15	02	2	8	As	10.2	22	21	-1	0
	62423	FARAFRA												
	62432	DAKHLA	140	3	35	00	0	0	-	7.9	21	26	1	0
	62435	KHARGA	00	0	15	00	0	0	-	8.7	23	29	4	0
Red Sea	62450	SUEZ	310	8	15	03	2	8	As	11.9	17	52	7	0
	62459	TÔR												
	62462	HURGHÂDA	170	1		03	2	7	Ac,Ci	10.6	20	46	8	0
	62465	QUSEIR	360	9	15	03	1	5	Ac	10.8	20	43	7	0
	62641	PORT SUDÂN												
North Sudan	62600	WÂDI HALFA												
	62640	ABU HAMAD												
	62660	KAREIMA												
	62680	'ATBARA												
	62721	KHARTUM												
	62780	KASSALA												
Central Sudan	62751	WÂD MEDANI												
	62801	RENK												
	62802	ROSEIRES												
	62771	EL OBEID												
	62760	EL FÂSHER												
	62770	GENEINA												
S. Sudan	62840	MALAKÂL												
	62880	WÂU												
	62941	JUBA												

At 0600 on TUESDAY 15th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	40	16	7	18	2	8	Ac	14.7		15	86		12		77	11	tr		
SÎDI BARÂNI	70	26	35	21	5	8	Cu,Sc	14.7		15	17		14		77	11	R		
MATRÛH	110	20	12	02	2	8	As			15	17		13		68	9	0		
EL DABA	90	16		01	2	6	Cu	13.9		15	16		13		68	9	0	151	
ALEXANDRIA	40	15	50	03	2	8	St	11.9	-4.1	15	19	-2	13	0	68	9		251	175
FOUAD (Airport)	40	20	11	02	2	7	As	11.5		15	18		12		72	10	0	253	135
DAMIETTA	40	13		02	2	8	Sc	12.4	-3.4	15	17		12		68	9	0	315	96
PORT SA'ID	50	22	7	05	1	8	As	13.4		15			14		72	10	0	57	
EL 'ARISH	40	9	7	06	2	8	Fs,Fc	13.6	-2.8	14	16	-5	10	0	55	5	0		78
DAMANHUR	110	19	7	01	1	7	Ci	12.6	-3.7	15	20	-3	11	+1	68	9	0	98	88
MANSURA	40	9	15	03	2	8	Sc,Cu	12.0	-4.0	15	20	-3	12	+3	68	9	0	40	45
TANTA	90	13	35	03	2	8	Cu	12.1	-4.7	15	20	-4	9	0	77	11	0	28	34
ZAGAZIG	40	9	3	01	2	8	Ac	12.5	-3.8	14	21	-3	12	+3	77	10	0	17	23
ISMA'ILIA	70	9	3	00	2	8	As	12.0		15	20		14		68	9	0	11	
FAROUK (Airport)	70	16	12	02	2	5	Ac	11.7		13	22		12		72	8	0		
ALMAZA																			
EZBEKIYA	70	15	15	03	0	6	Ci,Cs	10.8	-5.6	15	23	-2	12	+2	68	9	0	8	20
GIZA	70	15	15	03	0	6	Ci,Cs	10.8	-5.6	16	23	-1	13	+3	61	8	0	14	20
HELWÂN	40	27	15	00	2	6	Ac,Cu	9.4	-6.9	16	24	0	13	+2	49	5	0	15	22
FAIYÛM	20	12	35	02	3	8	Fs,Fc	9.3	-7.1	16	26	+1	13	+4	59	8	0	6	7
MINYA	20	8	10	02	0	1	Ci	8.8		15	28		10		68	9	0	5	
ASYÛT MANQABAD	00	0	18	00	0	8	Ac	8.0		16	28		9		56	7	0	0	
NAG' HAMMÂDI	220	1	7	02	1	6	As,Ci	7.6	-8.1	16	29		9		49	5	0	0	
QENA	90	2	15	03	1	6	Ci	8.7	-6.3	17	30	0	9	-2	60	9	0	dr	
LUXOR	20	3	30	02	1	3	Ac	8.6		17			9		49	6	0	dr	
ASWÂN	160	4	50	03	2	8	Cu	7.1	-7.9	18	29	-1	16	+1	56	9	0	dr	
SÎWA	70	12	15	50	5	8	Sc	10.4	-7.6	14	26	+1	12	+4	67	8	dr	dr	7
BAHARÎYA	40	3	35	02	1	4	Ac	9.5	-7.3	14	26	+1	13	+4	55	5	0	dr	7
FARAFRA																		dr	
DAKHLA	90	9	15	03	2	6	Fs,Fc,As	5.5	-10.9	17	30	+2	11	+1	26	-3	0	dr	
KHARGA	00	0	35	00	0	6	Cc	6.8	-9.1	21	29	0	14	+3	33	4	0	0	
SUEZ	00	0		00	2	7	Sc,Cu	10.3	-5.7	16	26	+2	13	+1	59	8	0	12	13
TÔR																		dr	12
HURGHADA	280	3		03	0	4	Ac,Ci	10.7		18	22		15		43	5	0	dr	
QUSEIR	330	9	15	00	1	6	As	10.4	-3.9	18	24	-1	15	-2	73	13	0	0	4
PORT SUDAN	00	0	30	03	1	7	Sc	9.8		24	27		20		84	21	0	34	94
WÂDI HALFA	50	4	30	01	0	1	Ac	5.8		19	32		12		30	1	0	Cu	
ABU HAMAD	00	0	50	01	0	1	Ac	7.3		19	33		14		32	2	0		
KAREIMA	50	3	30	00	0	0	-	6.2		19	34		12		26	-1	0	3	1
'ATBARA																	0	7	2
KHARTUM	70	5	30	01	1	1	Ci	6.0		25			17		30	6	0	10	4
KASSALA	230	2	30	00	0	0	-	7.5		22	37		16		53	12	0	2	8
WÂD MEDANI	50	5	50	00	0	0	-	7.2		24	38		16		22	1	0	11	12
RENK																		0	49
ROSEIRES																	0	2	37
EL OBEID	170	4	30	01	1	1	Ci	6.0		26	35		16		12	-6	0	0	16
EL FÂSHER	10	2	30	00	0	0	-				34					2	0	0	6
GENEINA																			4
MALAKÂL																	0	69	90
WÂU																	0	261	158
JUBA																	3	149	175

HUMIDITY %

Mean of day

Station	on 14th	Diff. from normal
Alexandria	62	-3
Ezbeklya	48	-12
Giza	44	-19
Helwân	42	-4

GÎZA GRASS MINIMUM TEMP. ON 15th 10.8 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

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

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

UPPER WIND OBSERVATIONS on 14th

Station	Fouad A.P.				Minya																					
Time	15				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	40	35			80	5																				
600	80	26			60	10																				
1000	70	21			60	8																				
1500	90	17			100	8																				
2000	90	21			80	9																				
3000	80	8																								
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 15th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'îd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Almaza	
Time	5				4								3		9 30		6				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	60	18			50	43							70	16	20	2	160	3			40	5	60	14
600	70	15			70	36							110	24	140	21	150	6			180	1	90	14
1000	70	19			60	26							100	25	140	21	160	3			40	5	80	19
1500					70	29							110	16	150	14					300	9	110	13
2000													140	13	160	10							120	10
3000															190	6								
4000															220	4								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	5		5		5		6												5		4 30			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	80	46	80	23	100	13	100	12																
600	80	40	90	30	120	18	120	23																
1000			110	31	120	23	130	14											140	8	310	10		
1500			130	24	120		160	8											80	3	320	16		
2000			150	23			230	15											360	23				
3000			130	24															250	2	250	6		
4000																					240	16		
5000																								
6000																								
7000																								
8000																								

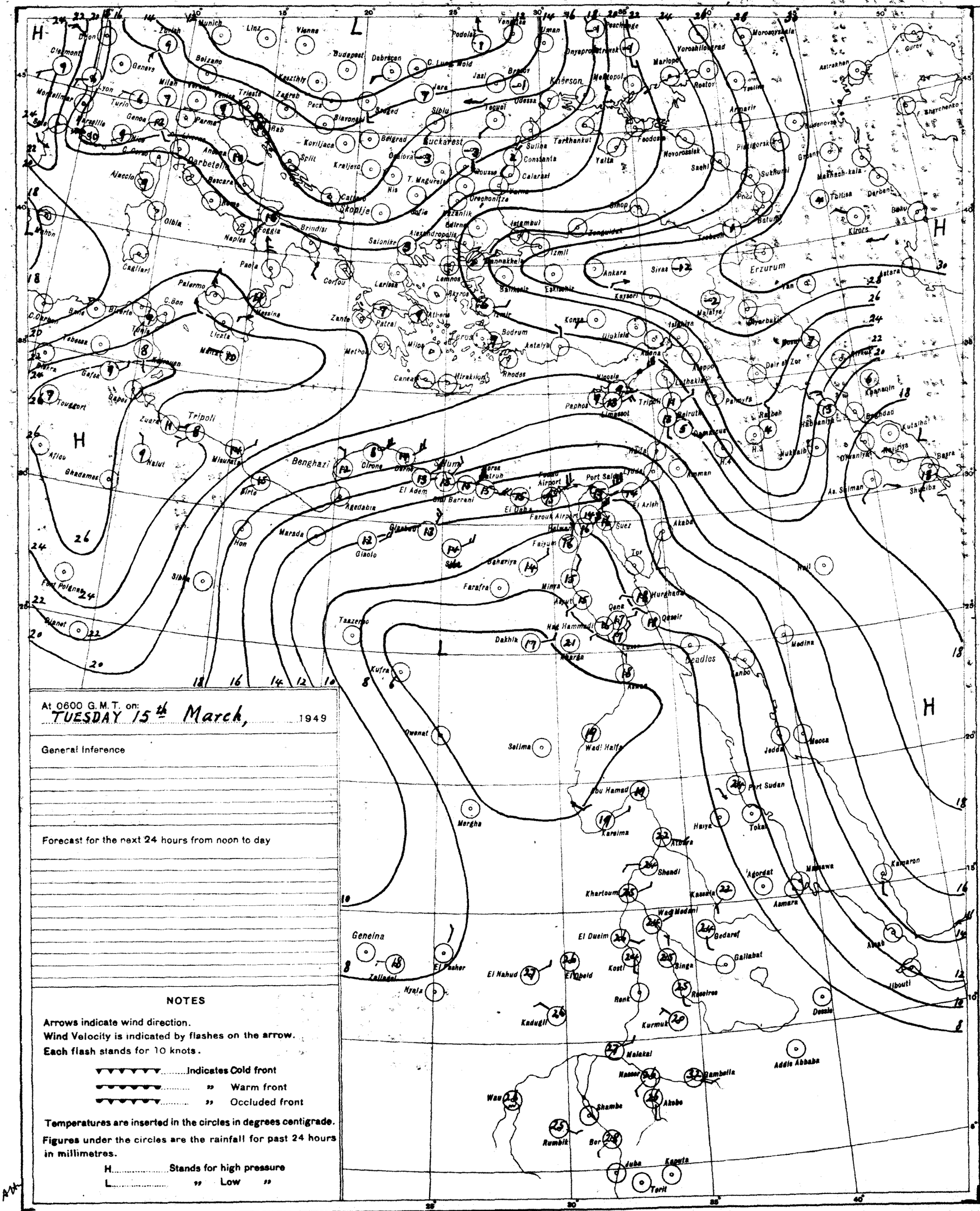
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 15th March 1949


Munich
Linz
Vienna
Budapest
Debrecen
Zurich
Bolzano
Milan
Genoa
Lyon
Marseille
Turin
Parma
Trieste
Zagreb
Pecs
Szeged
Belgrad
Bucharest
Constanta
Calarasi
Sulina
Tarkhankut
Yalta
Feodosia
Novorossiysk
Sochi
Sukhumi
Poti
Batum
Tbilisi
Kirovs
Derbent
Baku
Astrakhen
Gurev
Erzurum
Van
Astara
Ankara
Sivas
Kayseri
Malatya
Diyarbakir
Konya
Antalya
Bodrum
Rhodes
Iraklion
Canea
Athens
Lemnos
Salonika
Istanbul
Izmit
Izmir
Eskisehir
Corfou
Larissa
Patrai
Zante
Palermo
Messina
Naples
Foggia
Brindisi
Paola
Cagliari
Olbia
Ajaccio
Bastia
Tunis
Tripoli
Benghazi
Misurata
Sirte
Hon
Marada
Giaolo
Agedabia
Cirene
Derna
El Adem
Sidi Barrani
Sollum
Port Said
Farouk Airport
Suez
El Arish
Akaba
Tor
Hurghada
Qena
Qeseir
Luxor
Deadlos
Medina
Jedda
Mecca
Port Sudan
Tokar
Haiya
Atbara
Wadi Halfa
Abu Hamad
Karima
Shendi
Khartoum
Kassala
Wad Medani
Gedaref
El Dueim
Kosti
Singa
Gallabat
Asmara
Massawa
Aden
Kamaron
Djibouti
Dessie
Addis Abbaba
Gambella
Malakal
Akobo
Kurmuk
Rank
Roseires
Kadugli
El Nahud
El Obeid
Geneina
Zalingei
Nyala
El Fasher
Wau
Shambe
Rumbik
Ber
Juba
Kapoeta
Torit
Owenat
Selima
Mergha
Farafra
Bahariya
Minya
Asyut
Dakhla
Kufra
Tazerbo
Sidi Barrani
Port Polonio
Djanet
Tougourt
Biskra
Gafsa
Gabes
Zuara
Nalut
Ghadames
Aflou
Tabessa
Bone
Bizerte
Tunis
Licata
Cagliari
Ajaccio
Nice
Marseille
Lyon
Genoa
Milan
Venice
Trieste
Zagreb
Pecs
Szeged
Belgrad
Sibiu
Constanta
Odessa
Jassy
Kherson
Nikolayev
Mariupol
Rostov
Voroshilovgrad
Novorossiysk
Sochi
Sukhumi
Poti
Batum
Tbilisi
Kirovs
Derbent
Baku
Astrakhen
Gurev
Erzurum
Van
Astara
Ankara
Sivas
Kayseri
Malatya
Diyarbakir
Konya
Antalya
Bodrum
Rhodes
Iraklion
Canea
Athens
Lemnos
Salonika
Istanbul
Izmit
Izmir
Eskisehir
Corfou
Larissa
Patrai
Zante
Palermo
Messina
Naples
Foggia
Brindisi
Paola
Cagliari
Olbia
Ajaccio
Bastia
Tunis
Tripoli
Benghazi
Misurata
Sirte
Hon
Marada
Giaolo
Agedabia
Cirene
Derna
El Adem
Sidi Barrani
Sollum
Port Said
Farouk Airport
Suez
El Arish
Akaba
Tor
Hurghada
Qena
Qeseir
Luxor
Deadlos
Medina
Jedda
Mecca
Port Sudan
Tokar
Haiya
Atbara
Wadi Halfa
Abu Hamad
Karima
Shendi
Khartoum
Kassala
Wad Medani
Gedaref
El Dueim
Kosti
Singa
Gallabat
Asmara
Massawa
Aden
Kamaron
Djibouti
Dessie
Addis Abbaba
Gambella
Malakal
Akobo
Kurmuk
Rank
Roseires
Kadugli
El Nahud
El Obeid
Geneina
Zalingei
Nyala
El Fasher
Wau
Shambe
Rumbik
Ber
Juba
Kapoeta
Torit
Owenat
Selima
Mergha
Farafra
Bahariya
Minya
Asyut
Dakhla
Kufra
Tazerbo

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 No 7 F.

DAILY WEATHER REPORT

Date: WEDNESDAY 16th MARCH, 1949

At 1200 on Tues. 15th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	40	15	7	18	5	8	Ac	18.8	15	77	11
	62303	SIDI BARANI	40	17	35	21	5	8	Cu,Sc	15.4	19	60	11
	62306	MATRUH	90	22	12	02	2	6	Sc	13.6	17	60	9
	62309	EL DABA	20	12		01	2	6	Cu		16	68	10
		ALEXANDRIA	40	16	50	03	2	8	St	11.4	16	68	10
	62318	FOUAD (Airport)	30	20	12	02	2	8	Ac	11.4	17	64	10
	62330	DAMIETTA	40	13	15	02	2	8	Sc	11.8	16	77	12
	62333	PORT SAID	40	18	8	05	2	8	Ac	11.3	16	68	10
	62336	EL 'ARISH	40	13	3	05	4	8		11.0	20	41	6
Lower Egypt	62339	DAMANHUR	90	19	7	03	1	7	As	12.4	18	49	7
	62342	MANSURA	40	9	15	03	2	8	Sc,Cu	10.8	18	60	10
	62348	TANTA	90	20	7	02	2	8	As	11.2	18	60	10
	62354	ZAGAZIG	40	9	3	02	2	8	Ac	10.4	18	52	8
	62441	ISMAILIA	20	13	1.5	06	2	8	As	9.6	22	36	6
Cairo Area	62366	FAROUK (Airport)	40	18	12	02	2	8	Ac	9.7	21	38	6
	62372	ALMAZA	50	13	15	02	2	8	Sc,Cs	9.1	22	36	6
		EZBEKIYA	360	10	15	03	0	8	As	9.4	19	46	7
		GIZA	360	10	15	03	0	8	As	10.0	18	52	8
	62378	HELWAN	20	8	7	02	2	8	Ac	8.7	22	29	3
Upper Egypt	62381	FAIYUM	20	5	35	02	2	8	Fs,Fc	8.6	21	41	7
	62387	MINYA	10	9	12	02	2	8	As	6.9	22	44	9
	62393	ASYUT Mansoura											
	62399	NAG' HAMMADI	140	1	35	00	0	5	Ac,Cu	4.0	29	23	6
	62402	QENA	180	2	35	02	1	6	Ac	5.5	29	29	9
	62405	LUXOR	180	4	30	03	2	7	Sc,Ac	3.8	31	22	7
	62414	ASWAN	220	2	50	01	1	6	Cu	3.9	31	29	11
Oases	62417	SIWA	70	30	15	00	0	0	—	9.6	24	54	14
	62420	BAHARIYA	90	4	35	02	2	8	Ac	8.8	25	22	2
	62423	FARAFRA											
	62432	DAKHLA	00	0	35	03	2	8	Fs,Fc	3.0	28	16	0
	62435	KHARGA	00	0	15	03	2	6	As	4.2	31	22	7
Red Sea	62450	SUEZ	00	0	15	03	2	8	Sc,Cu	8.0	23	44	10
	62459	TOR											
	62462	HURGHADA	40	9		01	1	3	Ac,Ci	9.0	24	61	16
	62465	QUSEIR	20	9	15	03	2	7	As	9.3	22	83	19
	62641	PORT SUDAN		11	30	01	2	3	Ac	6.6	27	74	22
North Sudan	62600	WADI HALFA	140	2	30	03	0	2	Ac,Cs	1.0	35	5	-10
	62640	ABU HAMAD											
	62660	KAREIMA	220	9	30	00	0	0	—	0.4	38	9	-1
	62680	'ATBARA	200	2		00	0	3	Ci	0.9	39	12	4
	62721	KHARTUM	230	12	30	03	1	5	Ac	0.6	39	7	-4
	62730	KASSALA	340	5	30	00	0	0	—	1.8	40	11	4
Central Sudan	62751	WAD MEDANI											
	62801	RENK	360	2	50	00	0	0	—		35	35	17
	62802	ROSEIRES	180	2	35	00	0	0	—		39	20	12
	62771	EL OBEID											
	62760	EL FASHER	230	4	30	00	0	0	—		37	13	4
	62770	GENEINA	230	2	30	00	0	1	Ci		35	3	-4
S. Sudan	62840	MALAKAL											
	62880	WAU	100	8	30	02	1	6	Cu,Ci	0.8	38	27	16
	62941	JUBA											

At 1800 on Tues. 15th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	40	12	7	18	5	8	Ac	15.2	15	77	11	dr
SIDI BARANI	40	13	35	02	2	8	Cu,Sc	15.4	14	88	12	dr.
MATRUH	90	15	12	02	2	8	Sc	13.6	15	72	10	0
EL DABA	20	26		01	1	4	Cu		15	77	11	0
ALEXANDRIA	40	15	7	03	2	8	Sc	11.6	15	68	9	0
FOUAD (Airport)	30	24	12	02	2	8	Sc,As	11.2	15	59	7	0
DAMIETTA	270	9		02	2	8	Sc	11.0	16	77	12	0
PORT SAID	40	19	7	05	2	8	Ac	10.6	15	82	12	0
EL 'ARISH	40	19	7	02	2	8	St	10.8	17	64	10	0
DAMANHUR	40	19	7	03	2	8	As	11.5	14	77	10	0
MANSURA	20	5	3	03	2	8	Sc,Cu	11.1	15	68	9	0
TANTA	90	22	7	02	2	8	As	11.9	16	77	12	0
ZAGAZIG	320	5	3	02	2	8	Ac	10.3	14	77	10	0
ISMAILIA	20	9	1.5	02	6	8	As	9.5	16	49	5	dr.
FAROUK (Airport)	40	12	8	05	2	6	Ac	9.3	16	59	8	0
ALMAZA												
EZBEKIYA	360	9	15	03	2	7	As	9.8	15	68	9	0
GIZA	360	9	15	03	2	7	As	10.0	16	57	7	0
HELWAN	20	12	7	01	5	5	Ac	8.4	17	42	4	dr.
FAIYUM	00	0	35	02	2	8	Fs,Fc	7.5	17	52	7	0
MINYA	90	18	8	02	2	8	As	6.5	22	21	-1	0
ASYUT Mansoura												
NAG' HAMMADI	00	0	7	00	0	4	Ac	1.9	20	46	8	0
QENA	130	2	7	03	2	7	Ac	4.6	24	32	6	0
LUXOR	60	17	12	02	2	5	Sc	2.6	26	23	3	0
ASWAN	00	0	50	02	1	6	Sc	1.8	27	27	6	0
SIWA	360	24	7	00	0	0	—	9.5	19	46	7	0
BAHARIYA	90	1	15	02	2	6	Ac	6.4	21	33	4	0
FARAFRA												
DAKHLA	320	9	15	00	0	0	—				1	0
KHARGA	00	0		00	0	0	—		24	15	-5	0
SUEZ	00	0	15	01	1	3	Sc,Cu	8.0	20	41	6	0
TOR												
HURGHADA	00	0		01	2	2	Ci	8.4	19	83	16	0
QUSEIR	360	5	15	01	1	2	As	7.5	21	83	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 WEDNESDAY 16th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	20	10	7	01	2	7	Cu,Sc,Ac	16.8		14	15		11		67	8	dr.		
SIDI BARANI	340	12	50	02	2	8	Cu,Sc	17.1		14	20		13		77	10	dr.		
MATRUH	40	15	14	02	2	8	Sc	14.0		15	18		14		68	9	0		
EL DABA	330	10		01	2	6	Cu			15	16		13		72	10	0	151	135
ALEXANDRIA	360	8	50	01	0	0	—	10.0	-5.9	16	18	-3	14	+1	77	12	0	251	176
FOUAD (Airport)	350	17	14	00	0	0	—	9.8		17	18		13		72	12	0	253	135
DAMIETTA	20	5	7	02	2	8	Sc	8.6	-7.3	17	18		12		68	11	0	315	96
PORT SAID	70	15	5	05	2	2	Ac	7.4		16	17		15		64	9	0	57	
EL 'ARISH	90	13	1.5	05	4	8	Fs,Fc	8.6	-7.7	16	21	0	13	+3	42	3	0		79
DAMANHUR	90	9	7	01	0	0	—	9.6	-6.6	16	19	-4	12	+2	77	12	0	98	89
MANSURA	360	9	35	00	1	0	—	8.0	-8.0	17	20	-3	13	+3	68	11	0	40	45
TANTA	360	5	35	02	0	0	—	9.1	-7.6	14	19	-5	11	+2	88	12	0	28	34
ZAGAZIG	320	5	7	00	1	0	—	7.4	-8.8	15	19	-5	12	+3	77	11	0	17	23
ISMAILIA	250	2	3	03	2	6	As	7.1		15	22		13		59	7	dr.	11	
FAROUK (Airport)	360	7	8	05	1	6	Ac	8.0		13	22				88	11	0		
ALMAZA	70	7	8	03	1	6	Cs	7.2		13			11		88	11	0		
EZBEKIYA	360	9	15	03	0	7	Cs	7.2	-9.1	14	21	-4	12	+1	77	10	0	8	21
GIZA	360	9	15	03	0	7	Cs	7.6	-9.0	15	20	-4	11	+3	78	11	0	14	20
HELWAN	360	10	7	00	2	7	Cs	5.8	-10.5	15	23	-1	12	+1	68	9	dr.	15	22
FAIYUM	360	8	35	02	2	8	Fs,Fc	6.6	-9.8	15	21	-4	12	+2	77	11	0	6	7
MINYA	360	12	10	02	6	8	Ac	5.7		12	24		12		82	9	dr.	5	
ASYUT Mansoura	00	0	10	00	0	7	As	5.0		17	26		11		52	7	0	0	
NAG' HAMMADI	180	1	3	10	0	0	—	4.6	-11.0	19	30		14		37	4	0	0	
QENA	130	5	15	00	0	0	—	4.4	-10.5	20	32	+1	14	+2	64	13	0	dr.	
LUXOR	220	11	12	00	0	0	—	4.2		19	32		15		46	7	0	dr.	
ASWAN	200	4	15	10	1	6	Sc,Cu	7.0	-7.9	18	32	+1			34	2	0	dr.	
SIWA	360	5	15	00	0	0	—	15.0	-2.9	14	25	0	11	+3	48	3	0	dr.	7
BAHARIYA	360	3	35	03	2	7	Ac	9.6	-7.2	13	26	+1	12	+3	77	9	0	dr.	7
FARAFRA																		dr.	
DAKHLA	290	18	7	07	3	0	—	8.4	-8.0	15	29	+1	14	+4	68	9	0	dr.	
KHARGA	320	13	7	00	0	0	—	7.0	-8.8	18	32	+3	14	+3	46	6	0	0	
SUEZ	00	0	15	00	2	7	As	4.7	-11.3	17	24	0	14	+2	52	7	0	12	14
TOR																		0	12
HURGHADA	320	16		03	0	8	Sc	4.3		20	25		16		56	11	0	dr.	
QUSEIR	310	9	15	00	2	6	Sc	4.3	-9.9	21	24	-1	15	-2	83	18	0	0	4
PORT SUDAN	00	0	7	10	2	4	Cb,Cc	5.8		27	29		21		79	23	0	34	94
WADI HALFA	290	17	7	07	0	0	—	10.9		17	38		16		46	5	0	tr.	
ABU HAMAD	340	3	30	03	2	8	Ac,Cs	10.7		20	38		18		21	-3	0		
KAREIMA	310	17	2	07	0	0	—	11.3		20	39		17		21	-3	0	3	1
'ATBARA	360	5	4	05	1	4	Ac	9.1		23	40		20		24	1	0	7	2
KHARTUM	340	15	7	05	0	5	Ac	9.7		24	40		23		15	-5	0	10	4
KASSALA	160	9	10	02	1	3	Ac	3.2		33	40		28		26	11	0	2	8
WAD MEDANI	270	5	35	02	8	7	Cb	11.1		24	41		19		22	1	dr.	11	12
RENK																		0	49
ROSEIRES	230	2	15	02	1	6	Fs,Fc,As			29	41		25		49	17	0	2	38
EL OBEID	340	15	2	05	0	0	—	9.7		23	41		21		15	-5	0	0	16
EL FASHER	320	9	2	05	0	0	—			20	38		18		33	3	0	0	6
GENEINA	50	12	7	05	0	0	—			19	37		17		23	-3	0		4
MALAKAL	110	12		02	1	4	Ac	6.5		32	41		26		31	13	0	69	90
WAU	00	0	30	01	1	3	Ac	5.6		29	40		24		49	17	0	261	159
JUBA	00	0	10	03	1	4	Ac,Cs	6.4		29	39		22		52	18	0	149	176

HUMIDITY

Mean % of day

STATION	on 15th	Diff. from normal
Alexandria	60	+2
Ezbekiya	60	0
Giza	55	-8
Helwan	40	-6

GIZA

GRASS MINIMUM TEMP. ON 16th 8.6 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

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

Remarks

RAWINSONDE — AIRPORT

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

UPPER WIND OBSERVATIONS on 15th

Station					Found A.P.				Minya																	
Time					15				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					60	19			360	12																
600					60	29			10	12																
1000					60	26			10	14																
1500									20	14																
2000									10	8																
3000																										
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 16th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		Almaza	
Time	5				3						6	15	4				6	15	5				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	50	16									10	10	40	6			220	19	240	15			340	9
600	350	12			90	38					10	16	60	7			290	13	250	10			350	12
1000	350	10			100	30					360	19	80	18			250	12	290	15			10	12
1500	360	10									330	14	80	9									20	14
2000											330	17	30	6									340	15
3000											310	16												
4000											290	15												
5000											270	15												
6000											210	18												
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	5		5		5		6		5				4	15	4		4		4	15	4	45	4	15
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	20	33	20	16	290	23	300	26	310	13														
600	30	35	20	16	290	23	300	27	310	29			320	18	330	13	120	11					100	13
1000	20	32	30	38	300	23			310	23			320	23	340	28	130	8	350	26			130	8
1500	40	16	10	27					290	19			280	16			200	3	10	19	280	20	190	7
2000	330	23							290	20							210	2	80	7			230	3
3000	20	22																			220	20		
4000																								
5000																								
6000																								
7000																								
8000																								

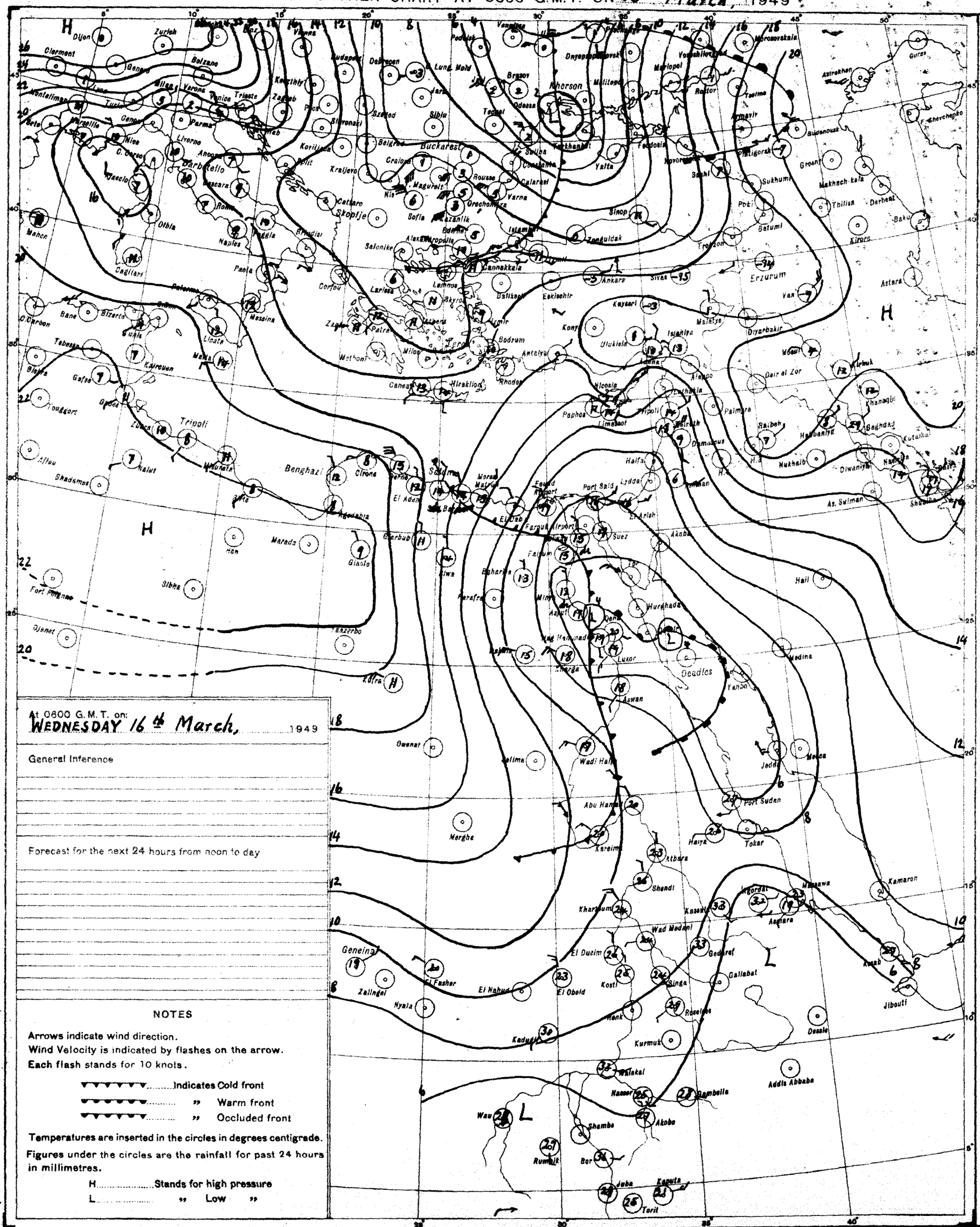
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450)

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 16th March, 1949



At 0600 G.M.T. on: WEDNESDAY 16th March, 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

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

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

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

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

A.H.
F.H.A.

S of E 1948(48/195)(48/450)

SCALE 1:15,000,000

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 No 7 F.

DAILY WEATHER REPORT

Date: THURSDAY 17th MARCH, 1949

At 1200 on Wed 16th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
MEDITERRANEAN	62300	SALÛM	20	11	7	02	2	6	C.Sc	16.3	17		
	62303	SÎDI BARÂNI	320	9	50	01	1	4	Sc.Cu	16.7	16	68	10
	62306	MATRÛH	10	18	14	02	2	7	Sc	14.9	16	52	6
	62309	EL DABA	340	25				6	Cu	14.6	16	68	10
		ALEXANDRIA	360	14	50	03	1	4	St	10.4	16	77	12
	62318	FOUAD (Airport)	330	12	18	02	1	6	Sc		17	77	13
	62330	DAMIETTA	20	5	15	02	2	8	Sc	7.9	17	00	9
	62333	PORT SA'ID	30	15	7	05	2	8	Ac,Cu	7.4	17	60	9
	62336	EL 'ARISH	40	9	7	05	4	8	Fs,Sc	7.0	18	60	10
LOWER EGYPT	62339	DAMANHUR	40	19	15	02	0	1	Cu	9.5	19	52	9
	62342	MANSURA	360	5	35	00	0	0	–	8.0	22	36	6
	62348	TANTA	360	13	35	02	0	0	–	7.5	22	44	9
	62354	ZAGAZIG	320	5	7	06	0	0	–	7.4	22	50	11
	62441	ISMAÎLÎA	20	13	2	06	2	8	As	7.0	21	50	10
CAIRO AREA	62366	FAROUK (Airport)	340	12	4	05	2	7	Ci	7.4	22	41	8
	62372	ALMAZA	10	14	10	02	2	8	Cs	7.1	22	47	10
		EZBEKÎYA	360	10	35	03	2	8	Cu,Ci	7.4	22	44	9
		GÎZA	360	10	35	03	2	8	Cu,Ci	7.8	22	37	6
	62378	HELWÂN	320	22	7	01	2	6	Cs	6.8	21	41	7
UPPER EGYPT	62381	FAIYÛM	360	12	3	07	1	4	St	7.5	23	38	8
	62387	MINYA	330	17	10	01	6	6	Ac.Ci	8.7	23	32	5
	62393	ASYÛT MANQABÂD	320	15	7	05	2	8	C.Sc	8.6	20	69	14
	62399	NAG' HAMMÂDI	320	7	3	10	3	4	Ac	8.0	22	26	6
	62402	QENA	270	13	50	03	0	3	Ci	5.6	26	37	10
	62405	LUXOR	300	17			0	0	–	6.0	26	32	8
	62414	ASWÂN	320	13	15	10	1	7	Sc.Cu	8.3	25	32	7
OASES	62417	SÎWA	320	8	15	00	0	0	–	16.2	20	33	3
	62420	BAHARÎYA	360	4	35	02	2	7	Ac	10.3	22	36	6
	62423	FARAFRA	340	20	7	01	3	4	Ac	12.2	22	23	0
	62432	DAKHLA	340	10	35	00	0	0	–	7.4	24	26	3
	62435	KHARGA	00	0	35	00	0	0	–	8.2	25	28	5
RED SEA	62450	SUEZ	360	4	35	03	2	8	As	5.0	23	32	5
	62459	TÛR											
	62462	HURGHÂDA	340	8		95	6	8	Cb	5.7	20	65	13
	62465	QUSEIR	360	13	15	06	1	0	–	4.7	24	74	19
	62641	PORT SÛDÂN	120	6	7	10	0	5	Cu.Ac	4.2	27		25
NORTH SÛDÂN	62600	WÂDI HALFA	290	17	2	07	0	0	–	10.1	25	22	2
	62640	ABU HAMAD	310	9	4	07	0	0	–	8.1	29	14	-1
	62660	KAREIMA	310	13	2	07	0	0	–	10.3	27	13	-4
	62680	'ATBARA	340	13	10	07	1	1	Ac	7.1	31	13	0
	62721	KHARTÛM	340	15	7	05	1	0	–	7.8	31	10	-4
	62780	KASSALA	310	13	7	07	3	3	Ac	3.5	37	13	4
CENTRAL SÛDÂN	62751	WÂD MEDANI	360	9	7	00	0	0	–	3.0	35	13	3
	62801	RENK	50	5	50	01	1	4	Ci	4.4	38	29	17
	62802	ROSEIRES	210	5	35	01	1	2	Sc.As		40	20	13
	62771	EL OBEID	20	9		07	0	0	–	7.1	31	9	-5
	62760	EL FÂSHER	20	9		05	0	0	–		31	24	8
	62770	GENEINA											
S. SÛDÂN	62840	MALAKÂL	160	6	30	03	2	6	Cu	2.3	39	20	12
	62880	WÂU											
	62941	JUBA	160	5	30	02	1	2	Cu.Ac	0.9	40	17	11

At 1800 on Wed 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	270	6	7	01	0	0	–	16.7	15	77	11	0
SÎDI BARÂNI	290	2	35	01	0	2	Cu	16.2	15	77	11	0
MATRÛH	10	18	12	02	2	6	Sc	17.1	14	63	7	0
EL DABA	340	20		01	1	4	Cu		16	64	9	0
ALEXANDRIA	330	10	3	03	2	6	Cu,Sc	15.3	15	77	11	0
FOUAD (Airport)	350	11	12	81	8	3	Cu,Sc	13.7	15	77	11	0.2
DAMIETTA	20	5		01	1	6	Sc	11.2	16	63	10	0
PORT SA'ID												
EL 'ARISH	40	5	1.5	01	3	6	Fs,Fc	9.8	11	77	7	dr.
DAMANHUR	360	9	7	02	0	0	–	13.3	14	77	10	0
MANSURA	40	5	3	00	0	0	–	12.2	14	67	8	0
TANTA	360	2		02	0	0	–	13.1	14	77	10	0
ZAGAZIG	20	2	3	00	0	0	–	11.8	13	77	9	0
ISMAÎLÎA	360	5	1.5	02	0	0	–	12.8	15	59	7	0
FAROUK (Airport)	320	9	8	00	0	0	–	11.5	15	68	9	0
ALMAZA	350	9	12	00	1	0	–	12.4	15	68	9	0
EZBEKÎYA	360	4	15	00	2	0	–	12.6	15	68	9	0
GÎZA	360	4	15	00	2	0	–	12.4	14	68	9	0
HELWÂN	340	18	7	01	0	0	–	12.0	15	59	7	0
FAIYÛM	20	5	35	02	3	4	St	12.0	16	68	10	0
MINYA	360	14	8	01	1	4	Ci	13.0	17	52	7	dr.
ASYÛT MANQABÂD												
NAG' HAMMÂDI												
QENA	270	2	7	00	1	0	–	11.2	18	52	8	0
LUXOR	00	0	12	00	0	0	–	11.1	19	46	7	0
ASWÂN	360	4	50	00	0	0	–	12.6	22	29	3	0
SÎWA	00	0	7	00	0	0	–	16.3	15	39	1	0
BAHARÎYA	360	3	15	02	1	0	–	14.7	16	59	8	0
FARAFRA	320	11	7	02	3	5	As	15.8	18	30	0	0
DAKHLA	320	6	35	00	0	0	–	12.8	19	23	-3	0
KHARGA	360	1	15	00	0	0	–	12.0	21	33	4	0
SUEZ	360	2	7	01	0	0	–	11.0	16	59	8	0
TÛR												
HURGHÂDA	250	8		00	0	0	–	8.9	16	77	12	7
QUSEIR	360	9	15	02	0	0	–	9.5	19	73	14	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on THURSDAY 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.	Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	250	9	7	02	0	0	–	17.1		14	20		8		77	10	0		
SÎDI BARÂNI	230	11	35	01	2	7	Fs,Fc	17.6		12	19		10		88	10	0	238	
MATRÛH	290	11	13	02	1	3	Sc	16.6		12	17		10		88	10	0		
EL DABA	270	15		01	1	6	Cu			14			8		77	10	0	151	
ALEXANDRIA	310	11	50	02	2	4	Cu,Sc	16.0	+0.1	14	18	-3	13	0	77	10	0	251	176
FOUAD (Airport)	300	9	15	01	0	2	Cu	16.0		15	19		12		88	9	0.2	253	135
DAMIETTA	220	2	7	01	0	1	Cu	15.6	-0.2	14	19		7		88	12	0	315	97
PORT SA'ID	260	11	8	03	0	2	Cu	15.8		15			12		77	11	0	87	
EL 'ARISH	180	5	7	03	2	8	Cu	15.4	-0.8	15	20	-1	8	-2	77	11	dr.		79
DAMANHUR	270	5	7	03	1	3	Cu	16.3	+0.1	14	20	-3	8	-2	77	10	0	98	89
MANSURA	270	5	35	00	0	0	–	16.3	+0.3	14	23	0	9	-1	67	8	0	40	45
TANTA	00	0	35	00	0	0	–	17.0	+0.4	14	22	-2	7	-2	77	10	0	28	34
ZAGAZIG	220	2	7	00	0	0	–	16.7	+0.5	13	23	-1	8	-1	88	11	0	17	23
ISMAÎLÎA	250	5	3	02	0	0	–	16.4		13	22		9		88	11	0	11	
FAROUK (Airport)	240	5	12	02	2	6	Sc	17.7		13	22		11		82	10	0		
ALMAZA	270	6	12	02	1	4	Sc	17.1	+0.8	13	22		11		72	8	0		
EZBEKÎYA	320	11	15	00	0	0	–	17.1	+0.8	12	23	-2	11	0	77	8	0	8	21
GÎZA	320	11	15	00	0	0	–	17.5	+1.0	14	22	-1	9	+1	64	8	0	14	20
HELWÂN	00	0	7	00	2	6	St	17.6	+1.4	11	22	-2	10	-1	88	9	0	15	22
FAIYÛM	00	0	35	01	1	2	St	18.6	+2.3	13	23	-2	9	-1	77	9	0	6	7
MINYA	340	5	6	10	0	3	Sc	19.1		10	25		6		76	6	dr.	5	
ASYÛT MANQABÂD	00	0	18	00	0	6	Ac	18.7		12	23		9		77	8	0	0	
NAG' HAMMÂDI	320	3	3	00	0	0	–	17.9	+2.4	13	26		9		68	9	0	0	
QENA	240	5	15	00	0	0	–	17.6	+2.8	15	27	-4	11	-1	68	9	0	dr.	
LUXOR											27							dr.	
ASWÂN	360	6	50	00	0	0	–	16.7	+1.9	17	26	-5	15	0	52	7	0	dr.	
SÎWA	00	0	15	00	0	0	–	19.8	+2.0	12	22	-3	8	0	63	5	0	dr.	7
BAHARÎYA	360	2	35	02	0	0	–	19.2	+2.4	11	23	-2	6	-3	77	7	0	dr.	7
FARAFRA	220	5	35	00	1	0	–	20.4		12	23		5		44	0	0	dr.	
DAKHLA	270	3	35	00	0	0	–	19.0	+2.7	14	25	-3	10	0	55	5	0	dr.	
KHARGA	360	3	35	00	0	0	–	19.4	+3.7	15	26	-3	12	+1	59	7	0	0	
SUEZ	00	0	35	00	0	3	Cu	16.3	+0.3	14	25	+1	10	-2	77	10	0	12	14
TÛR																		dr.	12
HURGHADA	320	20		02	0	1	Cu	15.7		16	20		12		72	11	7	7	
QUSEIR	310	13	15	02	0	0	–	14.6	+0.4	20	25	0	16	-1	56	11	0	0	4
PORT SÛDÂN	330	13	4	05	0	0	–	12.0		25	29		22		47	13	0	34	94
WÂDI HALFA	10	8	10	05	0	0	–	16.2		16	25		11		42	3	0	tr.	
ABU HAMAD	20	9	4	05	0	0	–	13.7		19	29		14		32	2	0		
KAREIMA	340	9	2	05	0	0	–	14.9		18	28		14		32	1	0	3	1
'ATBARA	50	19	30	07	0	0	–	13.2		21	32		17		35	5	0	7	2
KHARTÛM	20	10	4	05	0	1	Ac	13.1		21	32		19		35	2	0	10	4
KASSALA	340	5	30	02	1	8		10.6		23	39		19		27	3	dr.	2	8
WÂD MEDANI	360	9	0.8	08	3	4	Cc	12.0		22	36		19		61	14	0	11	12
RENK	50	9	1.5	07	0	0	–	10.2		28	39		18		35	11	0	9	49
ROSEIRES	360	9	35	00	0	0	–			28	40		18		19	2	1	3	38
EL OBEID	30	14	7	07	1	5	As	13.2		21	33		19		15	-7	0	0	16
EL FÂSHER	50	2	4	05	0	0	–			17	32		15		37	2	0	0	6
GENEINA	50	13	2	05	1	8	Cs			17	33		16		24	-4	0		4
MALAKÂL	20	22	4	06	4	8	AcC	8.1		27	42		25		14	-3	1	70	91
WÂU	00	0	10	02	1	7	Ac	7.6		29	43		27		22	5	0	267	160
JUBA	130	2	30	03	1	3	AcCs	5.6		30	41		21		43	16	0	149	177

HUMIDITY

Mean % of day

STATION	on 16th	Diff. from normal
Alexandria	77	+2
Ezbekiya	68	+8
Giza	69	+6
Helwân	56	+10

GÎZA

GRASS MINIMUM TEMP. ON 17th 5.5 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — AIRPORT

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

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

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

UPPER WIND OBSERVATIONS on 16th

Height m.	Found.A.P. Dir.	Vel.	Dir.	Vel.	Minya Dir.	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			320	26																						
600	350	21			320	29																						
1000	350	23			320	25																						
1500					320	16																						
2000																												
3000																												
4000																												
5000																												
6000																												
7000																												
8000																												

UPPER WIND OBSERVATIONS on 17th

Station	Sîdi Barâni Dir.	Vel.	Matrûh Dir.	Vel.	Fouad Airport Dir.	Vel.	Port Sa'îd Dir.	Vel.	El 'Arîsh Dir.	Vel.	Helwân Dir.	Vel.	Minya Dir.	Vel.	Asyût Manqabâd Dir.	Vel.	Luxor Dir.	Vel.	Aswân Dir.	Vel.	Hurghada Dir.	Vel.	Almaza Dir.	Vel.
Time	5				3						6	45	3		9		7	30	5		8		8	15
Height m.																								
300	280	19			300	13					310	5	350	28	310	10	330	9	10	9	340	31	280	6
600	300	20			310	13					320	12	350	31	310	12	340	16	360	17	300	25		
1000	310	20			320	16					290	8	350	25	320	12	340	12	360	22	330	17	250	10
1500													310	12	330	18	300	18	330	17	350	6	250	10
2000													320	15	320	14			320	17				
3000													310	28										
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa Dir.	Vel.	Bahariya Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Wâdi Halfa Dir.	Vel.	Abû Hamad Dir.	Vel.	Kareima Dir.	Vel.	Khartûm Dir.	Vel.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fâsher Dir.	Vel.	Malakâl Dir.	Vel.
Time	5		5				6		4						4				4	15	4	45	4	
Height m.																								
300	260	16	330	12			360	6	360	14														
600	250	16	340	17			10	7	10	23					360	14							10	19
1000	280	15	350	25			350	16	20	24					10	30			10	21	350	12	10	27
1500	310	19	340	39			320	22	30	19					10	27			40	13	20	12		
2000	300	20	330	43					40	18														
3000	320	30							20	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.

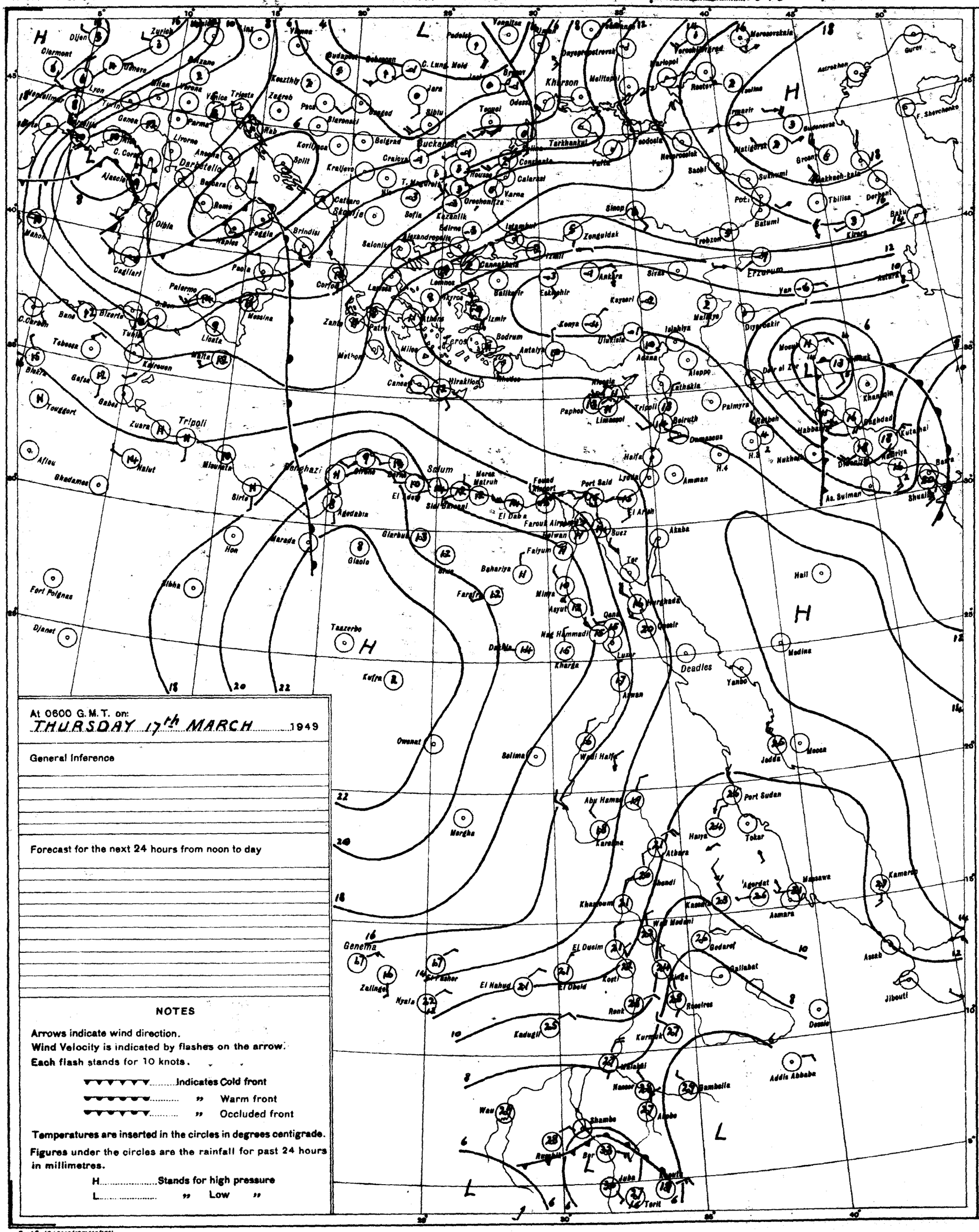
Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

F.G.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 17 - 3 - 1949



At 0600 G.M.T. on:
THURSDAY 17th MARCH 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

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

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

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

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

S of E 1948(48/195)(48/650)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 02 G. M. T.

" " Sunset 16 05 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: FRIDAY 18th MARCH, 1949

At 1200 on THUR. 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	15	7	03	2	5	Ac	17.1	18	83	15
	62303	SÎDI BARÂNI	300	8	35	02	2	3	Sc	18.2	17	77	13
	62306	MATRÛH	360	14	18	01	1	3	Sc.Ac	17.9	17	68	11
	62309	EL DABA'											
		ALEXANDRIA	220	13	50	03	2	4	C.Sc	17.2	16	77	12
	62318	FOUAD (Airport)	260	15	18	02	2	6	Sc	17.0	18	60	10
	62330	DAMIETTA	340	5	15	03	1	5	Sc	15.2	18	52	8
	62333	PORT SA'ID	320	13	15	01	0	2	Cu	16.1	18	60	10
	62336	EL 'ARISH	320	9	35	01	1	3	Cu	16.2	18	73	13
Lower Egypt	62339	DAMANHUR	310	13	15	03	1	6	C	17.2	20	46	8
	62342	MANSURA	270	2	15	03	2	8	Sc.C	16.7	19	52	9
	62348	TANTA	270	2	35	03	2	6	C.Sc	16.5	21	50	10
	62354	ZAGAZIG	220	2	7	03	1	3	Ac	17.0	21	57	12
	62441	ISMA'ILIA	290	5	7	01	3	3	As	17.9	21	53	11
Cairo Area	62366	FAROUK (Airport)	260	10	30	03	1	6	Cu	18.1	19	40	5
	62372	ALMÂZA											
		EZBEKÎYA	320	8	35	03	0	5	Cu	17.4	20	46	8
		GÎZA	320	8	35	03	0	5	Cu	17.4	20	40	6
	62378	HELWÂN	320	13	50	01	0	4	Sc.Cu	17.5	19	37	4
Upper Egypt	62381	FAIYÛM	290	5	35	03	1	4	Cu.Sc	18.2	20	41	6
	62387	MINYA	320	10	14	00	1	0	–	18.4	20	30	2
	62393	ASYÛT MANQABÂD	320	5	30	01	1	0	–	17.0	19	32	2
	62399	NAG' HAMMÂDI	290	5	15	00	0	0	–	14.2	22	36	6
	62402	QENA	240	5	50	00	0	0	–	15.4	25	28	5
	62405	LUXOR	360	10	30	00	0	0	–	15.6	22	29	3
	62414	ASWÂN	320	9	50	00	0	0	–	15.4	24	36	8
Oases	62417	SÎWA	220	4	15	00	0	0	–	20.2	22	44	9
	62420	BAHARÎYA	360	4	35	02	1	3	Ac	18.7	21	33	4
	62423	FARAFRA											
	62432	DAKHLA	360	9	50	00	0	0	–	17.0	21	14	-8
	62435	KHARGA	00	0	35	00	0	0	–	17.9	22	21	-1
Red Sea	62450	SUEZ	180	3	35	03	0	5	Cu	16.0	21	41	7
	62459	TÛR											
	62462	HURGHÂDA											
	62465	QUSEIR	360	13	15	02	0	0	–	15.4	21	74	16
	62641	PORT SUDÂN	30	22	2	07	0	0	–	11.3	27	55	17
North Sûdân	62600	WÂDI HALFA											
	62640	ABU HAMAD	50	9	10	02	2	8	Cs	10.2	29	15	0
	62660	KAREIMA	20	10	2	05	0	0	–	11.6	29	13	-2
	62680	'ATBARA	360	9	30	03	2	7	Sc	9.1	29	15	0
	62721	KHARTÛM	340	10	4	06	1	6	Ac	9.2	29	17	1
	62730	KASSALA	340	5	30	02	1	8	Ac	4.3	37	13	4
Central Sûdân	62751	WÂD MEDANI	360	13	15	01	1	2	Cc	7.0	33	14	2
	62801	RENK	310	9	15	00	0	0	–	7.0	34	47	21
	62802	ROSEIRES	340	5	35	00	0	0	–		37	20	11
	62771	EL OBEID	40	10	7	07	0	0	–	7.8	30	12	-2
	62760	EL FÂSHER	50	9	7	05	0	0	–		29	25	7
	62770	GENEINA	50	7	4	05	1	6	Cu		29	12	-3
S. Sûdân	62840	MALAKÂL	40	9	7	06	2	8	Cu	4.3	35	15	5
	62880	WÂU	360	3	7	02	1	8	Cs	4.3	37	18	9
	62941	JUBA	340	5	30	02	2	8	C.Cs	1.4	39	24	15

At 1800 on THUR. 17th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms.
62300	SALÛM	00	0	7	01	0	0	–	17.1	14	88	12	0
62303	SÎDI BARÂNI	300	0	35	01	0	0	–	17.6	14	88	12	0
62306	MATRÛH	00	0			0	0	–	17.9	14	77	10	0
62309	EL DABA'												
	ALEXANDRIA	310	8	3	01	2	3	Sc.C	17.8	15	77	11	0
62318	FOUAD (Airport)	280	5	18	02	1	0	–	16.9	14	77	10	0
62330	DAMIETTA	320	2		01	0	0	–	15.6	15	88	13	0
62333	PORT SA'ID	300	9	18	02	1	3	Sc.	16.8	16	68	10	0
62336	EL 'ARISH	320	2	7	01	1	1	C	16.8	14	80	11	0
62339	DAMANHUR	360	5	7	01	0	0	–	17.5	14	77	10	0
62342	MANSURA	320	5	3	00	1	0	–	17.8	15	77	11	0
62348	TANTA	00	0	35	03	2	4	C.Sc	17.5	15	63	8	0
62354	ZAGAZIG	20	2	3	00	1	0	–	17.9	14	77	10	0
62441	ISMA'ILIA	290	2	7	02	0	0	–	17.5	17	42	4	0
62366	FAROUK (Airport)	360	5	8	22	0	0	–	18.0	16	66	10	0
62372	ALMÂZA												
	EZBEKÎYA	00	0	15	00	0	0	–	17.5	16	59	8	0
	GÎZA	00	0	15	00	0	0	–	17.5	15	64	9	0
62378	HELWÂN	340	3	35	01	0	0	–	17.8	16	49	5	0
62381	FAIYÛM	00	0	35	01	0	0	–	17.8	16	68	10	0
62387	MINYA	00	0	12	00	0	0	–	18.0	14	67	8	0
62393	ASYÛT MANQABÂD												
62399	NAG' HAMMÂDI	340	1	7	00	0	0	–	17.1	16	59	8	0
62402	QENA	270	5	7	00	0	0	–	15.9	16	49	5	0
62405	LUXOR	00	0	12	00	0	0	–	16.4	17	37	2	0
62414	ASWÂN	00	0	50	00	0	0	–	16.4	21	38	6	0
62417	SÎWA	00	0	7	00	0	0	–	20.7	14	55	5	0
62420	BAHARÎYA	360	1	15	02	0	0	–	18.8	15	48	4	0
62423	FARAFRA	320	4	7	02	0	0	–	19.5	16			
62432	DAKHLA	00	0	35	00	0	0	–	17.9	17	34	1	0
62435	KHARGA	00	0	15	00	0	0	–	17.6	18	32	1	0
62450	SUEZ	00	0	7	01	0	0	–	17.5	18	46	6	0
62459	TÛR												
62462	HURGHÂDA	290	11		00	0	0	–	16.5	19	43	6	0
62465	QUSEIR	00	0	15	02	0	0	–	15.9	19	73	14	0
62641	PORT SUDÂN												
62600	WÂDI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	'ATBARA												
62721	KHARTÛM												
62730	KASSALA												
62751	WÂD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID												
62760	EL FÂSHER												
62770	GENEINA												
62840	MALAKÂL												
62880	WÂU												
62941	JUBA												

At 0600 on FRIDAY 18th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs.	Diff. from normal mbs.	Temperature Dry Bulb	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	220	16	7	03	2	8	Ac	15.1		17	21?		10		60	9			
SÎDI BARÂNI	200	5	35	01	2	8	Sc	15.5		13			10		77	9	0	238	
MATRÛH	260	9	13	03	1	6	Ac	15.7		13	18		8		63	6	0		
EL DABA'																		161	
ALEXANDRIA	180	9	50	02	2	4	St	17.0	+1.2	14	18	-3	12	-1	77	10	0	251	176
FOUAD (Airport)	220	4	30	02	2	7	Ci	17.3		13	19		10		77	9	0	253	135
DAMIETTA	160	2	7	01	0	5	Sc	17.1	+1.4	14	19		10		95	14	0	315	97
PORT SA'ID	210	6	8	03	0	3	Ci	17.9		15	20		12		82	12	0	57	
EL 'ARISH	140	5	35	01	0	0	–	17.9	+1.7	17	19	-2	6	-4	60	9	0		80
DAMANHÛR	270	5	15	02	0	2	Cc	18.0	+1.9	14	21	-2	8	-2	77	10	0	98	89
MANSÛRA	220	5	35	01	1	3	Ac	17.9	+2.0	14	21	-2	8	-2	77	10	0	40	45
TANTA	00	0	35	03	2	6	C.Sc	18.7	+2.2	14	23	-1	5	-4	67	8	0	28	34
ZAGAZIG	320	2	7	00	0	0	–	17.6	+1.5	12	22	-2	9	0	88	10	0	17	23
ISMA'ILIA	140	2	7	02	0	0	–			17	22		9		60	9	0	11	
FAROUK (Airport)	170	1	20	00	0	2	St.	18.0		17	21				52	7	0		
ALMÂZA	170	9	13	03	0	1	Ci	17.5		17			10		52	7	0		
EZBEKÎYA	180	10	15	00	0	0	–	17.6	+1.4	14	21	-4	10	-1	55	5	0	8	21
GÎZA	180	10	15	00	0	0	–	17.8	+1.3	16			7	-1	59	8	0	14	20
HELWÂN	00	0	7	00	0	1	Ci	18.4	+2.2	15	20	-4	10	-1	57	7	0	15	22
FAIYÛM	00	0	35	02	0	0	–	18.7	+2.4	13	21	-5	9	-1	67	7	0	6	7
MINYA	00	0	12	00	0	1	Ci	18.9		14	22		8		55	5	0	5	
ASYÛT MANQABÂD	00	0	30	00	0	1	Ci	18.7		14	21		8		48	3	0	0	
NAG' HAMMÂDI	340	2	3	00	0	0	–	18.3	+2.9	13	23		6		67	7	0	0	
QENA	40	2	15	00	0	0	–	18.7	+3.9	14	26	-5	9	-3	67	8	0	tr	
LUXOR	00	0	15	00	0	0	–	17.9		15	24		7		39	1	0	tr	
ASWÂN	20	3	50	00	0	0	–	17.9	+3.1	15	25	-6	10	-5	48	4	0	tr	
SÎWA	00	0	15	00	0	0	–	18.4	+0.7	12	23	-2	7	-1	63	5	0	tr	7
BAHARÎYA	360	1	35	02	1	3	As	19.0	+2.3	14	22	-4	5	-3	55	5	0	tr	7
FARAFRA	200	1	35	04	0	1	Ci			12							0	tr	
DAKHLA	00	0	35	00	0	0	–	19.1	+2.9	12	22	-7	6	-4	55	3	0	tr	
KHARGA	00	0	35	00	0	0	–	19.1	+3.4	14	22	-7	6	-6	48	3	0	0	
SUEZ	180	2	35	00	0	0	–	19.1	+3.1	15	23	-1	9	-3	68	9	0	12	14
TÛR																		tr	12
HURGHADA	260	9		00	0	0	–	17.9	–	17	20		10		52	7	0	7	3
QUSEIR	330	13	15	02	0	0	–			20	23	-2	15	-2	56	11	0	0	4
PORT SUDÂN	340	11	14	01	2	2	C.C	14.5		23	29		19		61	15	0	34	95
WÂDI HALFA	360	2	30	00	0	0	–	17.6		15	28		9		25	-6	0	tr.	
ABU HAMAD	50	9	30	03	2	8	Cs	14.3		18	30		15		30	0	0	0	
KAREIMA	20	9	30	03	1	6	Ci.Cs				30		15			2	0	3	1
'ATBARA	20	9	30	03	1	5	Ci	12.7		21	30		17		41	7	tr	7	2
KHARTÛM	20	11	5	05	1	7	Ac	12.3		21	31		19		21	-2	0	10	4
KASSALA	110	9	10	08	8	6	Cs	9.9		24	38		21		47	12	8	10	8
WÂD MEDANI	360	13		02	1	0	–	11.8		23	35		21		61	15	0	11	12
RENK	50	9	3	22	0	0	–	11.2		28	35		19		35	11	0	6	49
ROSEIRES																	0	3	38
EL OBEID	10	11	10	00	1	2	Ac	11.6		23	32		20		20	-1	11	11	16
EL FÂSHER	20	5	10	02	1	6	As			20	31		16		35	4	0	0	6
GENEINA	50	9		05	0	0	–	–		20	32		18		21	-3	0		4
MALAKÂL																	0	70	91
WÂU																	0	267	161
JUBA																	0	149	178

HUMIDITY

Mean of day %

STATION	on 17th	Diff. from normal
Alexandria	77	+12
Ezbekiya	65	+5
Giza	60	-3
Helwân	62	+16

GÎZA GRASS MINIMUM TEMP. ON 18th 4.0 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On At

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

Remarks

RAWINSONDE — On At AIRPORT

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

UPPER WIND OBSERVATIONS on 17th

Height m.	Minya Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
Time	15																									
300	360	22																								
600	360	22																								
1000	350	22																								
1500	330	22																								
2000	320	24																								
3000																										
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 18th

Station	Sidi Barani Dir.	Vel.	Matrûh Dir.	Vel.	Fouad Airport Dir.	Vel.	Port Sa'id Dir.	Vel.	El 'Arish Dir.	Vel.	Helwân Dir.	Vel.	Minya Dir.	Vel.	Asyût Manqabâd Dir.	Vel.	Luxor Dir.	Vel.	Aswân Dir.	Vel.	Hurghada Dir.	Vel.	Dir.	Vel.
Time	5				3	45							3								8			
300	240	21			220	10							330	10							340	15		
600	250	14			280	11							300	10							340	12		
1000	260	9			310	19							310	15							320	9		
1500													310	13							210	16		
2000													310	14							40	2		
3000																					160	9		
4000																					290	21		
5000																					260	25		
6000																								
7000																								
8000																								

Station	Sîwa Dir.	Vel.	Bahariya Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Wâdi Halfa Dir.	Vel.	Abû Hamad Dir.	Vel.	Kareima Dir.	Vel.	Khartûm Dir.	Vel.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fâsher Dir.	Vel.	Malakâl Dir.	Vel.
Time	5		5				6		4		4		4	15	4		4				4	15		
300	200	18	360	12			10	5	20	14														
600	210	14	250	14			20	10	20	17	30	28	30	24	360	14	10	14						
1000	230	15	260	13			20	12	20	17	40	22	40	24	20	25	30	11			20	10		
1500	300	15	270	13			340	5	10	9	70	3	260	2	350	11	80	12			40	16		
2000	300	16	260	8							240	10	320	9	310	14	100	7						
3000									150	4							330	4			220	9		
4000																								
5000									350	25														
6000																								
7000																								
8000																								

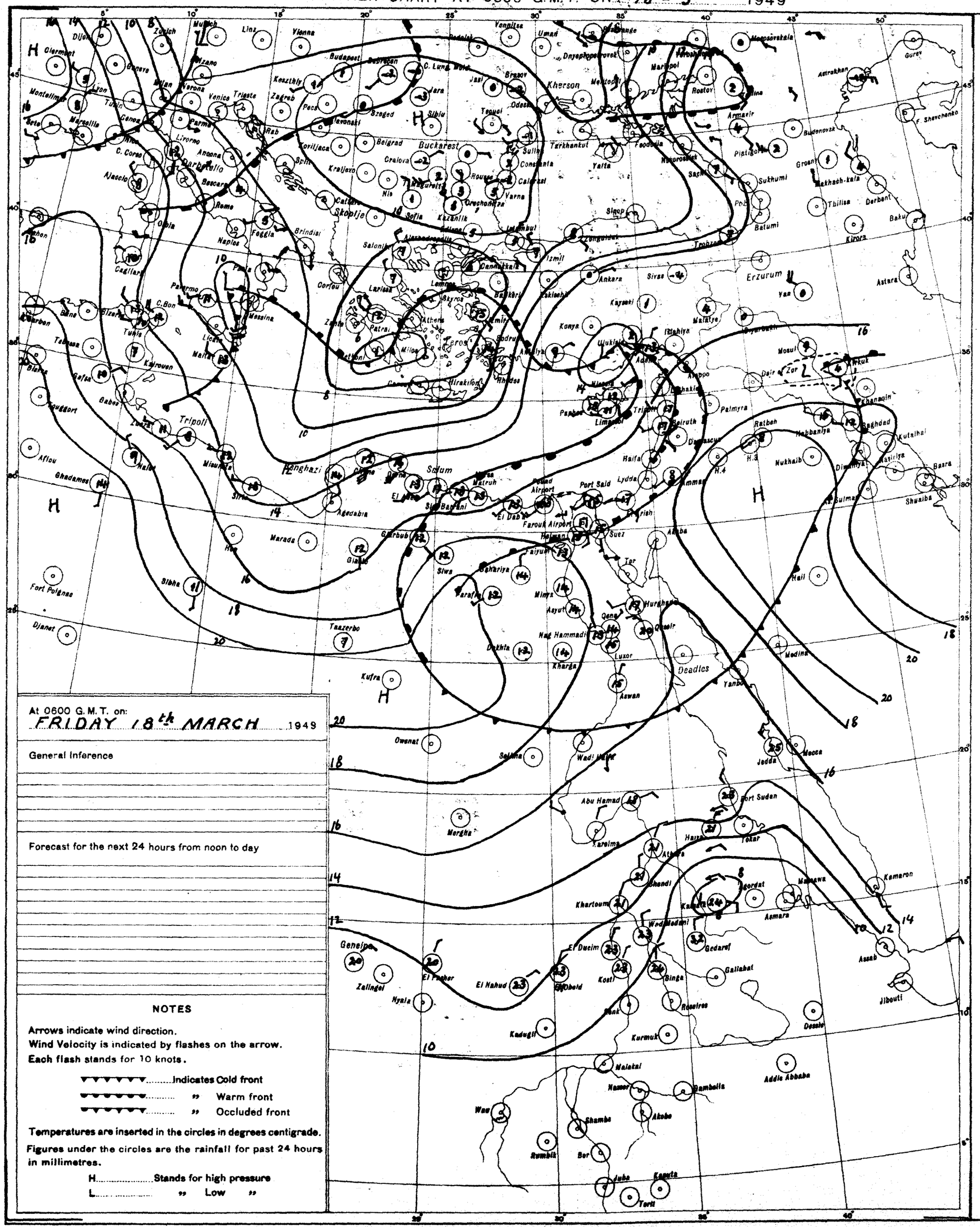
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 18 - 3 1949


Clermont
Dijon
Zurich
Munich
Linz
Vienna
Budapest
Debrecen
Kecskemet
Zagreb
Pecs
Szeged
Sibiu
Brasov
Jassy
Odessa
Kherson
Nikolaiev
Uman
Dnyepropetrovsk
Mariupol
Rostov
Taganrog
Krasnodar
Novorossiysk
Sochi
Tuapse
Sukhumi
Batumi
Poti
Tbilisi
Baku
Derbent
Makhach-kala
Grozny
Astrakhan
Gurev
Budenovsk
Pistigorsk
Armavir
Yalta
Feodosia
Tarkhankut
Sulina
Constanta
Calarasi
Varna
Orechovitsa
Sofia
Kazanlik
Istanbul
Zonguldak
Trabzon
Sinop
Samsun
Ankara
Sivas
Erzurum
Yan
Kirovs
Astara
Kayseri
Konya
Malatya
Itchiya
Adana
Aleppo
Mosul
Kirkuk
Dair az Zor
Khanaqin
Baghdad
Kutaihai
Basra
Shuaiba
Palmyra
Beirut
Damascus
Ratbah
Habbaniya
Nukhaib
Diwaniya
Nasiriya
Haifa
Lydda
Amman
Port Said
Suez
Aqaba
Hurghada
Qena
Luxor
Aswan
Deadlos
Medina
Yanbo
Jedda
Mecca
Port Sudan
Tokar
Hayia
Atbara
Kamaron
Asmara
Massawa
Gedaref
Gallabat
Asaab
Jibouti
Dessie
Addis Ababa
Gambella
Akobo
Bor
Juba
Kapoeta
Torit
Rumbik
Wau
Shambe
Malakal
Namor
Kurmuk
Roseires
Singa
Kosti
Kadugli
El Obeid
El Nahud
El Fasher
Geneina
Zalingei
Nyala
El Ducim
Khartoum
Wad Medani
Shendi
Abu Hamad
Kareima
Merghe
Wadi Halfa
Owenat
Selima
Kufra
Sibha
Fort Polignac
Djanet
Tazerbo
Tripoli
Benghazi
Sollum
Marada
Giarabub
Siwa
Bahariya
Farafra
Minya
Asyut
Nag Hammadi
Dakhla
Kharga
Faiyum
Cairo
Helwan
Farouk Airport
Ismailia
Port Said
Lydda
Haifa
Hail
Nicosia
Limassol
Paphos
Rhodes
Kyrenia
Iraklion
Crete
Milos
Athens
Larissa
Salonika
Skopje
Belgrade
Kragujevac
Nis
Craiova
Bucharest
Ploesti
Galati
Cernauti
Lemnos
Skyros
Corfu
Brindisi
Naples
Foggia
Rome
Ancona
Bari
Palermo
Messina
Cagliari
Ajaccio
Bastia
Marseille
Nice
Genoa
Milan
Venice
Trieste
Zagreb
Tunis
Bizerte
Sfax
Gabes
Kairouan
Tripoli
Misurata
Benghazi
Agedabia
Aflou
Ghadames
Nalut
Biskra
Tebessa
Bône
Oran
Algiers
Tangier
Casablanca
Rabat
Fez
Oujda
Tetuan
Malta
Lisbon
Madrid
Barcelona
Valencia
Seville
Malaga
Marseille
Lyon
Paris
London
Dublin
Reykjavik
Bergen
Oslo
Stockholm
Helsinki
Moscow
Leningrad
Kiev
Warsaw
Berlin
Hamburg
Frankfurt
Munich
Zurich
Geneva
Vienna
Budapest
Bucharest
Sofia
Athens
Istanbul
Ankara
Cairo
Khartoum
Addis Ababa
Nairobi
Kampala
Dar es Salaam
Mombasa
Lagos
Accra
Dakar
Freetown
Monrovia
Abidjan
Bamako
Tamanrasset
Algiers
Tripoli

CAIRO

Time of Sunrise 06 01 G. M. T.

" " Sunset 18 05 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date : Saturday 19th March , 1949

At 1200 on Fri. 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	220	8	7	02	2	8	Ac,Ci	12.2	24	47	12
	62303	SÎDI BARÂNI	280	2	35	02	2	8		13.1	21	50	10
	62306	MATRÛH	280	14	14	02	2	7	Sc,Ci	13.9	22	29	3
	62309	EL DABA	220	9		01	1	4	Ci		21	33	4
		ALEXANDRIA	270	10	50	03	2	6	Ac,Ci,Cu	14.7	19	52	9
	62318	FOUAD (Airport)	230	11	12	02	2	7	Ci,Cs	15.2	21	38	6
	62330	DAMIETTA	140	2	19	03	1	7	Sc	15.8	20	56	11
	62333	PORT SA'ID	20	3	15	02	2	7	As	15.8	20	53	10
	62336	EL 'ARISH	40	13	35	03	1	3	Ci	16.8	18	73	13
LOWER EGYPT	62339	DAMANHUR	230	9	15	03	1	6	Ci	15.9	22	44	9
	62342	MANSURA	220	5	35	03	2	8	Sc,Ci	15.8	22	44	9
	62348	TANTA	90	8	35	01	1	8	Ci	15.9	22	44	9
	62354	ZAGAZIG	320	5	7	03	1	7	Ac	15.9	21	50	11
	62441	ISMA'ILIA	250	2	7	02	5	5	As	15.5	23	32	5
CAIRO AREA	62366	FAROUK (Airport)	270	5	30	02	2	8	Ac	15.7	23	44	10
	62372	ALMAZA											
		EZBEKIYA	270	3	35	03	0	7	Ci,Cs	15.6	22	36	6
		GIZA	270	3	35	03	0	7	Ci,Cs	15.1	22	41	8
	62378	HELWAN	200	6	35	02	2	7	Ci,Cs	15.8	22	36	6
UPPER EGYPT	62381	FAIYUM	330	2	35	03	2	8	St	16.0	21	41	7
	62387	MINYA	230	6	14	02	1	5	Ci	16.2	23	34	6
	62393	ASYUT MANQABAD	00	0	30	00	0	1	Ci	15.6	22	31	4
	62399	NAG' HAMMADI	290	3	15	00	0	1	Ac	14.3	26	30	7
	62402	QENA	270	5	50	00	0	0	-	15.4	25	28	5
	62405	LUXOR	00	0	30	02	1	1	Ci	14.0	26	27	5
	62414	ASWAN	360	7	50	00	0	0	-	14.4	24	28	4
OASES	62417	SIWA	220	5	35	00	0	0	-		24	36	8
	62420	BAHARIYA	220	2	35	03	2	6	As	15.5	23	24	1
	62423	FARAFRA											
	62432	DAKHLA	270	3	50	00	0	3		15.1	29	23	6
	62435	KHARGA	00	0	35	00	0	0	-	15.4	23	24	1
RED SEA	62450	SUEZ	180	3	35	03	0	5	As	16.2	21	50	10
	62459	TOR											
	62462	HURGHADA	360	9		02	1	2	Ci	14.7	21	53	11
	62465	QUSEIR	360	13	15	00	1	2	Ci	15.0	21	74	16
	62641	PORT SUDAN	60	15	30	01	0	1	Cc	11.8	25	54	15
NORTH SUDAN	62600	WADI HALFA	10	7	30	00	0	0	-	13.4	25	17	-2
	62640	ABU HAMAD	20	5	30	00	0	0	-	9.8	29	14	-1
	62650	KAREIMA	40	9	35	00	0	3	Ci	10.9	30	11	-3
	62680	'ATBARA	340	5	30	00	2	8	Ci	9.5	30	21	5
	62721	KHARTUM	20	8	10	05	2	7	Cs	7.6	32	10	-3
	62730	KASSALA	310	2	30	00	1	0		2.3	39	2	
CENTRAL SUDAN	62751	WAD MEDANI	360	5	35	01	8	2	St	5.6	35	12	2
	62801	RENK											
	62802	ROSEIRES	340	5	35	00	0	0	-		40	14	8
	62771	EL OBEID	20	9	10	00	0	0	-	6.0	33	11	-1
	62760	EL FASHER	50	5	10	01	1	6	Ci,Cs		30	31	11
	62770	GENEINA	20	2	10	00	0	0	-		33	10	-2
S. SUDAN	62840	MALAKAL	70	12	7	06	1	2	Ac	4.3	37	10	0
	62880	WAU	00	0	7	05	4	7	Cs	4.8	35	14	4
	62941	JUBA	270	5	30	02	2	8	Ac	3.1	36	27	14

At 1800 on Fri. 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	200	6	7	01	2	4	Ac	11.2	20	46	8	0
	62303	SIDI BARANI	90	2	35	02	2	8	As	12.3	16	68	10	0
	62306	MATRUH	160	3	13	02	2	7	Sc	12.9	18	68	12	0
	62309	EL DABA	220	10		01	1	2						0
		ALEXANDRIA	360	5	3	01	0	0	-	14.7	16	68	10	0
	62318	FOUAD (Airport)	360	4	12	01	2	0	-	14.4	15	63	8	0
	62330	DAMIETTA	230	12		01	0	0	-	14.4	16	72	11	0
	62333	PORT SA'ID	70	10	14	01	2	3	As	15.0	16	77	12	0
	62336	EL 'ARISH	40	5		03	2	7	Ci	16.3	16	77	12	0
LOWER EGYPT	62339	DAMANHUR	230	5	15	01	1	2	Ci	14.8	15	77	11	0
	62342	MANSURA	220	5	3	00	1	0	-	15.1	16	77	12	0
	62348	TANTA	40	2	35	02	1	0	-	14.6	19	52	9	0
	62354	ZAGAZIG	40	5	12	00	1	0	-	13.0	18	60	10	0
	62441	ISMA'ILIA	20	5	3	02	5	5	As	13.6	17	60	9	dr.
CAIRO AREA	62366	FAROUK (Airport)	130	3	15	01	2	2	Ci	14.3	19	52	9	0
	62372	ALMAZA												
		EZBEKIYA	00	0	15	00	0	0	-	14.2	18	52	8	0
		GIZA	00	0	15	00	0	0	-	14.6	18	53	8	0
	62378	HELWAN	140	6	15	02	2	7	Cc	14.0	18	37	3	0
UPPER EGYPT	62381	FAIYUM	00	0	35	01	1	3	St	14.2	19	46	7	0
	62387	MINYA	00	0	10	00	2	6	Ci	14.8	18	56	9	0
	62393	ASYUT MANQABAD	00	0	10	00	0	0	-	15.3				
	62399	NAG' HAMMADI	00	0	30	00	0	0	-	14.4				
	62402	QENA	00	0	7	00	0	2	As	13.1	18	56	9	0
	62405	LUXOR	270	5	7	00	0	0	-	14.4	19	46	7	0
	62414	ASWAN	00	0	15	00	0	0	-	13.0	17	42	4	0
OASES	62417	SIWA	00	0	7	00	0	0	-	15.9	20	43	7	0
	62420	BAHARIYA	320	4	35	01	1	3	Ac	15.0	19	30	1	0
	62423	FARAFRA												
	62432	DAKHLA	00	0	35	00	0	0	-	13.4	21	14	-8	0
	62435	KHARGA	00	0	15	00	0	0	-	15.0	20	33	3	0
RED SEA	62450	SUEZ	360	5	7	01	0	0	-	14.3	18	60	10	0
	62459	TOR												
	62462	HURGHADA	270	4		01	1	2	Ci	13.7	17	77	13	0
	62465	QUSEIR	310	13	15	02	0	0	-	14.6	19	73	14	0
	62641	PORT SUDAN												
NORTH SUDAN	62600	WADI HALFA												
	62640	ABU HAMAD												
	62650	KAREIMA												
	62680	'ATBARA												
	62721	KHARTUM												
	62730	KASSALA												
CENTRAL SUDAN	62751	WAD MEDANI												
	62801	RENK												
	62802	ROSEIRES												
	62771	EL OBEID												
	62760	EL FASHER												
	62770	GENEINA												
S. SUDAN	62840	MALAKAL												
	62880	WAU												
	62941	JUBA												

At 0600 on Saturday 19th

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	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											24								
SIDI BARANI	320	3	35	03	2	5	Cu	13.0		13	23		11		72	8	0	238	
MATRUH											24								
EL DABA	180	10		01	1	6	Cu	14.3		13	25?		9		67	7	0	151	
ALEXANDRIA	130	8	50	03	1	4	Cu	14.3	-1.5	15	20	-2	13	0	68	9	0	251	177
FOUAD (Airport)	130	7	18	03	0	2	Ac	14.0		14	21		11		77	10	0	253	135
DAMIETTA	160	2	7	01	0	3	Ac	14.6	-1.1	17	21		10		77	13	0	315	97
PORT SA'ID	90	3	12	02	1	6	Ac	14.4		17	19		14		64	10	0	57	
EL 'ARISH	00	0	35	02	2	7	Cu	15.5	-0.6	18	22	+1	10	0	64	11	0		80
DAMANHUR	130	5	15	02	1	3	Ac	14.6	-1.5	17	23	0	10	0	60	9	0	98	90
MANSURA	320	2	35	00	0	0	-	15.0	-0.9	17	23	-1	11	+1	60	9	0	40	46
TANTA	130	2	35	02	0	0	-	15.4	-1.1	15	23	-1	9	0	68	9	0	28	34
ZAGAZIG	40	2	7	00	0	0	-	14.0	-2.0	16	23	-1	12	+3	68	10	0	17	23
ISMA'ILIA	110	2	3	02	1	3	Ac	14.4		19	24		13		46	7	dr.	11	
FAROUK (Airport)	240	3	6	05	1	0	-	14.7		17	23		14		64	10	0		
ALMAZA	00	0	12	00	2	1	Ac	14.1		18			12		52	8	0		
EZBEKIYA	00	0	15	00	0	0	-	14.4	-1.7	15	24	-1	12	+1	68	9	0	8	21
GIZA	00	0	15	00	0	0	-	15.0	-1.5		24	0	8	0		9	0	14	20
HELWAN	00	0	7	00	0	0	-	14.7	-1.4	16	23	-1	13	+2	49	5	0	15	22
FAIYUM	00	0	35	02	0	0	-	14.8	-1.5	17	24	-2	11	+1	52	7	0	6	7
MINYA	00	0	10	00	0	0	-	15.3		13	23		7		67	7	0	5	
ASYUT MANQABAD	00	0	30	00	0	0	-	14.4		17	24		10		42	4	0	0	
NAG' HAMMADI	360	1	7	00	0	0	-	14.6	-0.7	16	27		8		59	8	0	0	
QENA	270	5	15	00	0	0	-	14.0	-0.7	17	28	-3	12	0			0	dr	
LUXOR	00	0	30	00	0	0	-	13.6		18	27		10		32	1	0	dr	
ASWAN	00	0	50	00	0	0	-	14.2	-0.5	18	26	-5	12	-3	34	2	0	dr	
SIWA	00	0	35	00	0	0	-	13.9	-3.7	14	25	-1	9	+1	48	3	0	dr	7
BAHARIYA	320	2	35	02	1	3	Ac	15.1	-1.6	16	24	-2	8	-1	32	-1	0	dr	7
FARAFRA																		dr	
DAKHLA	140	3	35	00	0	0	-	14.0	-2.1	12	29	0	7	-3	33	-4	0	dr	
KHARGA	00	0	35	00	0	0	-	15.2	-0.4	15	25	-4	8	-4	39	1	0	0	
SUEZ	00	0	35	00	0	3	Cu	15.6	-0.3	16	23	-1	11	-1	49	5	0	12	14
TOR																			12
HURGHADA	280	6		03	0	1	Cu,Sc	12.7		20	21		14		41	6	0	7	
QUSEIR	270	13	15	03	0	2	Sc,Cu	12.8	-1.2	21	23	-2	16	-1	50	10	0	0	4
PORT SUDAN	360	8	30	03	0	1	Sc	12.0		23	27		17		61	15	0	34	95
WADI HALFA	00	0	30	00	0	0	-	14.9		15	28		10		30	-3	0	tr	
ABU HAMAD	50	9	30	00	0	0	-	12.0		22?	31		13		13	-8	0		
KAREIMA	20	5	30	00	0	0	-	13.3		19	31		16		23	-3	0	3	1
'ATBARA	360	9	30	00	0	0	-	11.5		21	32		16		26	1	0	7	2
KHARTUM	340	8	30	01	1	1	Ci	11.3		22	33		19		20	-2	0	10	4
KASSALA	310	1	30	00	0	0	-	9.0		24	40		19		54	14	dr	10	8
WAD MEDANI	360	13	50	00	0	0	-	10.6		23	37		17		15	-5	dr	11	12
RENK																		0	49
ROSEIRES	310	5	35	00	0	0	-			27	40		22		33	9	0	3	38
EL OBEID	360	11	30	00	0	0	-	11.4		22	34		19		19	-3	0	11	16
EL FASHER																			6
GENEINA																			4
MALAKAL	50	8	30	01	0	1	Ac	8.3		28	38		23		14	-2	0	70	91
WAU	00	0	10	00	0	0	-	7.6		25	37		22		45	12	0	267	162
JUBA	230	5	30	03	1	6	Ac	7.5		29	38		23		49	17	0	149	179

HUMIDITY % Mean of day

STATION	on 18th	Diff. from normal
Alexandria	67	+2
Ezbekiya	53	-7
Gîza	51	-12
Helwân	44	-2

GÎZA GRASS MINIMUM TEMP. ON 19th 4.5 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On At

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

Remarks

RAWINSONDE — AIRPORT

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

UPPER WIND OBSERVATIONS on 18th

STATION	Fouad A.P. DIR.	Fouad A.P. VEL.	Minia DIR.	Minia VEL.
TIME	15		14 30	
HEIGHT m.				
300	290	6	120	3
600	240	7	60	3
1000	220	8	300	3
1500	230	10	280	10
2000	240	10	270	14
3000	240	36?	260	11
4000				
5000				
6000				
7000				
8000				

UPPER WIND OBSERVATIONS on 19th

STATION	SIDI BARANI DIR.	SIDI BARANI VEL.	MATRUH DIR.	MATRUH VEL.	FOUAD AIRPORT DIR.	FOUAD AIRPORT VEL.	PORT SA'ID DIR.	PORT SA'ID VEL.	EL 'ARISH DIR.	EL 'ARISH VEL.	HELWAN DIR.	HELWAN VEL.	MINYA DIR.	MINYA VEL.	ASYUT MANQABAD DIR.	ASYUT MANQABAD VEL.	LUXOR DIR.	LUXOR VEL.	ASWAN DIR.	ASWAN VEL.	HURGHADA DIR.	HURGHADA VEL.
TIME	5										6 45		3		9 30		6		5		8	
HEIGHT m.																						
300	320	9									240	6	10	24	310	7	320	5	10	6		
600	320	9									240	3	10	23	290	5	340	11	10	17		
1000											270	3	10	24	310	6	340	22	340	16		
1500											330	3	10	31	320	12	310	16	290	13		
2000											360	8			330	23	310	22	300	20		
3000											340	25			320	18						
4000											320	24			32	14						
5000																						
6000																						
7000																						
8000																						

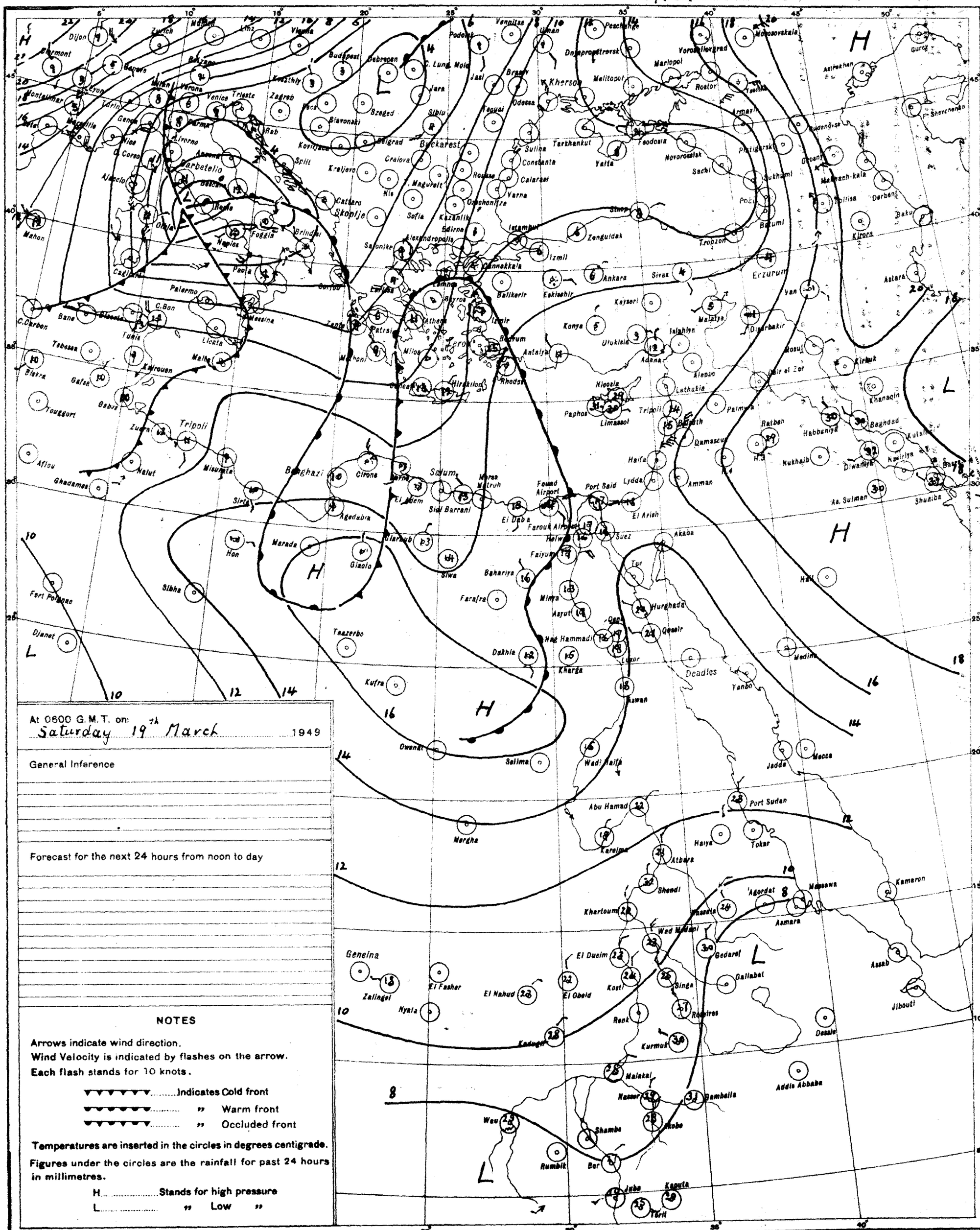
STATION	SIWA DIR.	SIWA VEL.	BAHARIYA DIR.	BAHARIYA VEL.	DAKHLA DIR.	DAKHLA VEL.	KHARGA DIR.	KHARGA VEL.	WADI HALFA DIR.	WADI HALFA VEL.	ABU HAMAD DIR.	ABU HAMAD VEL.	KAREIMA DIR.	KAREIMA VEL.	KHARTUM DIR.	KHARTUM VEL.	KASSALA DIR.	KASSALA VEL.	EL OBEID DIR.	EL OBEID VEL.	EL FASHER DIR.	EL FASHER VEL.	MALAKAL DIR.	MALAKAL VEL.
TIME	5		5				5						4 45				4		4				4	
HEIGHT m.																								
300	250	19	160	7			40	4																
600	210	27	190	5			10	3					10	17			90	2					20	16
1000	230	23	330	8			360	3					10	13			30	4	20	21			20	26
1500	240	27	320	14			300	16					330	9			70	8	350	9			20	16
2000	240	26	320	16			310	18					340	10					270	8				
3000	270	24	330	30			300	24					290	11			200	12	250	7			60	8
4000	260	23											230	6			240	15						
5000																	250	14						
6000																	300	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 1948 (48/450).

Note: All times G. M. T.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 19. 3. 1949


Dijon
Zurich
Munich
Linz
Vienna
Budapest
Debrecen
Podolsk
Venitsa
Uman
Peschanoe
Dnepropetrovsk
Voroshilovgrad
Mariopol
Melitopol
Rostov
Kherson
Odessa
Jasi
Braila
Sibiu
Szeged
Zagreb
Trieste
Venice
Verona
Milan
Genoa
Lyon
Marseille
Montpellier
Barcelona
Mahon
Palermo
Messina
Naples
Rome
Bari
Brindisi
Foggia
Cagliari
Tunis
Tripoli
Malta
Benghazi
Sirte
Misurata
Kufra
Siwa
Marada
Gizolo
Jaghbub
Sidi Barrani
El Adem
Cairo
Port Said
Suez
Aswan
Luxor
Khartoum
Wad Medani
Gedaref
Asmara
Massawa
Addis Ababa
Dessie
Jibouti
Berbera
Mogadishu
Kismayu
Nairobi
Mombasa
Tanga
Zanzibar
Dar es Salaam
Lindi
Port Sudan
Tokar
Kassala
Omdurman
Geneina
Zalingei
El Fasher
Nyala
El Nahud
El Obeid
Kosti
Renk
Kadugli
Malakal
Nasser
Gambella
Wau
Shambe
Rumbik
Bor
Juba
Kapoeta
Yei
Tabora
Mwanza
Kampala
Entebbe
Kisumu
Eldoret
Mogadishu
Kamaran
Assab
Aden
Hodeida
Jeddah
Mecca
Medina
Yanbo
Deadles
Hurghada
Qena
Asyut
Minya
Beni Suef
Cairo
Port Said
Ismailia
Suez
Akaba
Tor
Aswan
Wadi Halfa
Abu Hamad
Merga
Kufra
Siwa
Sidi Barrani
Tobruk
Derna
Benghazi
Agedabia
Sirte
Misurata
Tripoli
Nalut
Ghadames
Afou
Fort Polignac
Djanet
Tamanrasset
Biskra
Gafsa
Tebessa
Tunis
Kairouan
Touggourt
Bône
Bizerte
Algiers
Oran
Tlemcen
Marseille
Nice
Genoa
Milan
Venice
Trieste
Zagreb
Budapest
Debrecen
Vienna
Munich
Zurich
Dijon
Clermont
Montpellier
Lyon
Marseille
Nice
Ajaccio
Cagliari
Palermo
Messina
Naples
Rome
Bari
Brindisi
Foggia
Malta
Tripoli
Benghazi
Sirte
Misurata
Nalut
Ghadames
Afou
Fort Polignac
Djanet
Tamanrasset
Biskra
Gafsa
Tebessa
Tunis
Kairouan
Touggort

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 No 7 F.

DAILY WEATHER REPORT

Date: SUNDAY 20th MARCH, 1949

At 1200 on Sat 19th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALUM	40	10	7	02	0	0	–	11.9	18	83	15
	62303	SÎDI BARÂNI	30	4	35	01	2	2	–	12.3	17	78	15
	62306	MATRÛH	40	5	15	02	0	0	–	11.6	20	60	12
	62309	EL DABA		15		01	1	1					7
		ALEXANDRIA	130	9	50	02	0	0	–	13.5	24	26	3
	62318	FOUAD (Airport)	90	5	30	03	0	1		13.0	24	32	6
	62330	DAMIETTA	90	2	15	01	0	0	–	13.6	21	57	12
	62333	PORT SAÎD	170	8	30	02	0	0	–	14.6	19	64	12
	62336	EL 'ARISH	340	13	35	01	0	2	Cu	15.1	19	64	12
LOWER EGYPT	62339	DAMANHUR	310	5	15	01	1	1	Cu	13.9	25	34	8
	62342	MANSURA	20	5	35	03	2	6	Cu	13.6	25	34	8
	62348	TANTA	360	2	35	03	1	3	Cu	13.3	25	28	5
	62354	ZAGAZIG	140	2	15	03	1	2	Ac	13.0	24	47	12
	62441	ISMAÎLÎA	360	2	7	02	1	3	Sc	13.4	24	26	3
CAIRO AREA	62366	FAROUK (Airport)	40	8	30	03	1	1	Cu	13.1	24	26	3
	62372	ALMAZA	350	10	30	02	0	1	Cu	12.6	24	36	8
		EZBEKÎYA	360	6	35	00	0	1	Cu	13.0	24	32	6
		GÎZA	360	6	35	00	0	1	Cu	13.1	24	31	6
	62378	HELWÂN	320	8	35	01	0	0	–	12.3	24	21	0
UPPER EGYPT	62381	FAIYÛM	20	2	35	02	0	0	–	12.7	24	26	3
	62387	MINYA	00	0	18	00	0	4	Ci	13.3	26	25	4
	62393	ASYÛT MANQABÂD	00	0	30	00	0	1	Ci	12.0	25	22	2
	62399	NAG' HAMMADI	320	5	15	01	0	2	As	11.6	26	25	4
	62402	QENA	290	5	50	00	0	0	–	11.1	28	22	4
	62405	LUXOR											
	62414	ASWÂN	340	4	50	01	1	4	Ci	10.8	27	22	3
OASES	62417	SÎWA	00	0	35	00	0	0	–	14.2	26	42	12
	62420	BAHARÎYA	220	2	35	01	1	1	Ac	13.5	27	20	2
	62423	FARAFRA											
	62432	DAKHLA	270	3	50	03	1	6	Fs.Fc	11.9	26	25	4
	62435	KHARGA	00	0	35	00	0	0	–	12.7	28	22	4
RED SEA	62450	SUEZ	360	3	50	01	0	2	Cu	11.9	24	26	3
	62459	TÛR											
	62462	HURGHÂDA	350	19		00	0	0	–	10.4	22	50	11
	62465	QUSEIR	40	13	15	02	0	0	–	11.8	23	50	12
	62641	PORT SÛDÂN											
NORTH SÛDÂN	62600	WÂDI HALFA	40	7	30	03	0	1	Ci	11.6	28	12	-4
	62640	ABU HAMAD	00	0	30	00	0	0	–	7.9	29	7	-11
	62660	KAREIMA	350	9	30	00	0	0	–	9.5	31	5	-13
	62680	'ATBARA	360	2	30	00	0	0	–	9.0	32	9	-5
	62721	KHARTÛM	360	10	30	02	0	0	–	6.7	33	11	-1
	62730	KASSALA	310	5	30	00	0	0	–	2.8	38	15	7
CENTRAL SÛDÂN	62751	WÂD MEDANI	360	13	35	00	0	0	–	4.2	36	9	-2
	62801	RENK	50	9	50	00	0	0	–	4.8	37	17	8
	62802	ROSEIRES	360	5	35	00	0	0	–		38	18	10
	62771	EL OBEID	10	9	30	00	0	0	–	5.9	33	10	-2
	62760	EL FÂSHER											
	62770	GENEINA	20	9	30	00	0	0	–		32	17	4
S. SUDÂN	62840	MALAKÂL	70	10	30	00	0	0	–	3.1	38	13	5
	62880	WÂU	00	0	10	02	1	5	Ci	2.6	41	15	9
	62941	JUBA	360	2	7	04	2	8	Ac.Cs	2.5	37	24	13

At 1800 on Sat 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.
ALEXANDRIA	70	5	7	02	0	0	–	12.3	16	77	12	0
FOUAD (Airport)	30	4	35	03	0	2	As	12.6	14	88	12	0
DAMIETTA	50	3	12	00	0	0	–	13.0	14	88	12	0
PORT SAÎD	40	8	3	00	0	0	–	13.8	16	64	9	0
EL 'ARISH	80	12	12	01	1	1	Ac	13.5	17	64	10	0
MANSURA	90	2		02	0	0	–	14.2	17	68	11	0
TANTA	50	9	15	02	0	0	–	15.4	16	88	14	0
ISMAÎLÎA	360	5	7	01	1	0	–	15.0	16	77	12	0
FAROUK (Airport)	70	11	30	00	0	0	–	13.9	20	46	8	0
ALMAZA	70	14	18	00	0	0	–	14.1	21	44	8	0
EZBEKÎYA	00	0	15	00	0	0	–	14.3	19	52	9	0
GÎZA	00	0	15	00	0	0	–	14.7	20	46	8	0
HELWÂN	360	6	35	01	0	0	–	14.0	20	41	6	0
FAIYÛM	00	0	35	02	0	0	–	14.0	19	46	7	0
MINYA	00	0	12	01	0	1	Ci	13.3	16	59	8	0
ASYÛT MANQABÂD												
NAG' HAMMADI	00	0	3	02	2	6	Ac, Ci	12.8	18	60	10	0
QENA	270	2	7	00	0	0	–	11.8	20	46	8	0
LUXOR	290	2	12	00	1	0	–	12.1	21	20	-3	0
ASWÂN	00	0	50	00	0	0	–	12.6	24	19	-1	0
SÎWA	00	0	7	00	0	0	–	13.0	17	52	7	0
BAHARÎYA	360	1	15	02	0	0	–	13.5	20	33	3	0
FARAFRA												
DAKHLA	140	3	35	00	0	0	–	12.2	22	21	-1	0
KHARGA	00	0	15	00	0	0	–	13.1	23	27	3	0
SUEZ	360	8	7	01	0	0	–	14.2	19	37	4	0
TÛR												
HURGHÂDA	320	12		00	0	0	–	10.9	21	57	12	0
QUSEIR	360	9	15	02	0	0	–	12.0	21	50	10	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on SUNDAY 20th

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL Total From Oct. 1st.	RAINFALL Normal From Oct. 1st.
SALUM	110	5	7	01	2	8	Ac	12.2		15	19		11		88	13	0		
SÎDI BARÂNI	160	8	50	03	0	8	Ac	12.6		15	18		10		88	13	0	238	
MATRÛH	270	3	13	02	2	7	Sc	12.5		14	21		9		94	13	0		
EL DABA		5		01	2	1					24		10			9	0	142	
ALEXANDRIA	130	10	50	02	1	6	Cu, Cs	14.2	-1.5	16	25	+3	13	0	59	8	0	251	177
FOUAD (Airport)	130	10	18	03	1	5	Ac	13.7		14	25		12		67	8	0	253	136
DAMIETTA	160	2		03	1	4	Ac	15.1	-0.5	17	22		11		77	13	0	315	98
PORT SAÎD	110	15	10	02	0	3	Ci	15.5		16	20		14		77	12	0	57	
EL 'ARISH	140	5	35	02	0	0	–	15.5	-0.5	16	19	-2	11	0	77	12	0		81
DAMANHUR	130	13	7	03	1	6	Cc	14.8	-1.2	16	26	+3	11	+1	59	8	0	98	90
MANSURA	140	5	35	01	1	4	Ac	15.1	-0.8	16	26	+2	10	0	68	10	0	40	46
TANTA	130	8	35	02	1	2	Ci	15.6	-0.8	14			9	0	67	8	0	28	34
ZAGAZIG	140	5	7	00	0	0	–	14.3	-1.7	14	26	+2	11	+2	67	8	0	17	24
ISMAÎLÎA	140	2	3	03	2	6	As	15.0		17	25		12		52	7	0	11	
FAROUK (Airport)	00	0	12	02	1	1	Ci	14.6		16	25				45	4	0		
ALMAZA	270	4	10	01	1	3	Ci	14.3		18	24		14		52	8	0		
EZBEKÎYA	00	0	15	00	0	1	Ci	14.6	-1.5	17	25	0	12	+1	52	7	0	8	21
GÎZA	00	0	15	00	0	1	Ci	14.4	-2.0	20	25	0	9	+1	44	8	0	14	21
HELWÂN	00	0	7	00	1	6	Ci	14.8	-1.2	18	24	-1	14	+2	46	6	0	15	23
FAIYÛM	00	0	35	00	0	2	Ci	15.1	-1.1	16	26	0	10	0	49	5	0	6	7
MINYA	00	0	10	00	0	1	Ci	14.9		14	26		8		59	6	0	5	
ASYÛT MANQABÂD	00	0	18	00	0	0	–	13.9		17	26		12		49	6	0	0	
NAG' HAMMADI	00	0	3	00	0	0	–	14.7	-0.6	19	26		9		37	4	0	0	
QENA	360	2	15	00	0	0	–	14.7	0.0	19	29	-2	12	0	46	7	0	dr.	
LUXOR	00	0	12	01	1	8	Ac	14.3		20	27		11		33	3	0	dr.	
ASWÂN	00	0	50	01	1	3		14.4	-0.2	17	29	-2	14	-1	49	6	0	dr.	
SÎWA	00	0	35	03	2	8	Ac	13.1	-4.5	14	27	+1	10	+1	55	5	0	dr.	7
BAHARÎYA	160	2	35	03	2	7	Ac	14.0	-2.7	15	29	+3	12	+3	39	1	0	dr.	7
FARAFRA																		dr.	
DAKHLA	140	3	35	00	0	0	–	13.5	-2.5	15	28	-1	10	-1	30	-3	0	dr.	
KHARGA	00	0	35	00	0	0	–	14.3	-1.2	18	30	+1	10	-2	37	3	0	0	
SUEZ	00	0	35	00	0	1	Cu	15.6	-0.3	14	26	+2	10	-2	67	8	0	12	14
TÛR																		dr.	12
HURGHADA	270	12		00	0	1	Ci	13.8		21	22		14		33	4	0	7	
QUSEIR	290	5	15	00	1	3	Ci, Cs	14.0	+0.1	22	24	-1	17	0	50	11	0	0	4
PORT SÛDÂN																	0	34	95
WÂDI HALFA																	0	tr.	
ABU HAMAD																	0		
KAREIMA																	0	3	1
'ATBARA																	0	7	2
KHARTÛM																	0	10	4
KASSALA																	0	10	8
WÂD MEDANI																	0	11	12
RENK																	0	0	49
ROSEIRES																	0	3	38
EL OBEID																	0	11	16
EL FÂSHER																	0	0	6
GENEINA																			4
MALAKÂL																	0	70	91
WÂU																	0	267	163
JUBA																	0	149	180

HUMIDITY %

Mean of day

STATION	on 19th	Diff. from normal
Alexandria	62	-3
Ezbekiya	53	-7
Giza	44	-18
Helwân	39	-7

GÎZA GRASS MINIMUM TEMP. ON 20th 5.4 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — FAROUK AIRPORT — On 20th At 3

PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	112	15	48	110	13
950					
900					
850	1481	8	50	320	10
800					
700	3044	-5		330	12
600					
500	5623	-20		290	40
400		-21			
300					

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

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

UPPER WIND OBSERVATIONS on 19th

STATION			FOUAD A.P.				MINYA																			
TIME			15				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			60	5			10	21																		
600			150	3			10	22																		
1000			140	5			10	23																		
1500			320	3			10	22																		
2000			80	1			350																			
3000																										
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 20th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Almaza	
TIME	5				4						6 30		3				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	140	7			170	24					140	5	40	14			360	3	30	4			180	3
600	190	5			150	23					140	6					20	15	10	16			110	6
1000	210	6			170	22					60	8					360	13	20	16			60	3
1500	250	11			200	17					30	5					360	26	10	10			270	3
2000	250	14			220	10					310	3					30	10	350	19			20	3
3000											330	12												
4000																								
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	5		5		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	220	4	160	21	110	12	60	5																
600	230	8	160	27	100	14	70	11																
1000	250	13	180	23	120	14	60	8																
1500	220	14	190	16	110		30	4																
2000	230	17	210	11			330	14																
3000	230	21	250	20			300	30																
4000			280	35																				
5000			250	28																				
6000																								
7000																								
8000																								

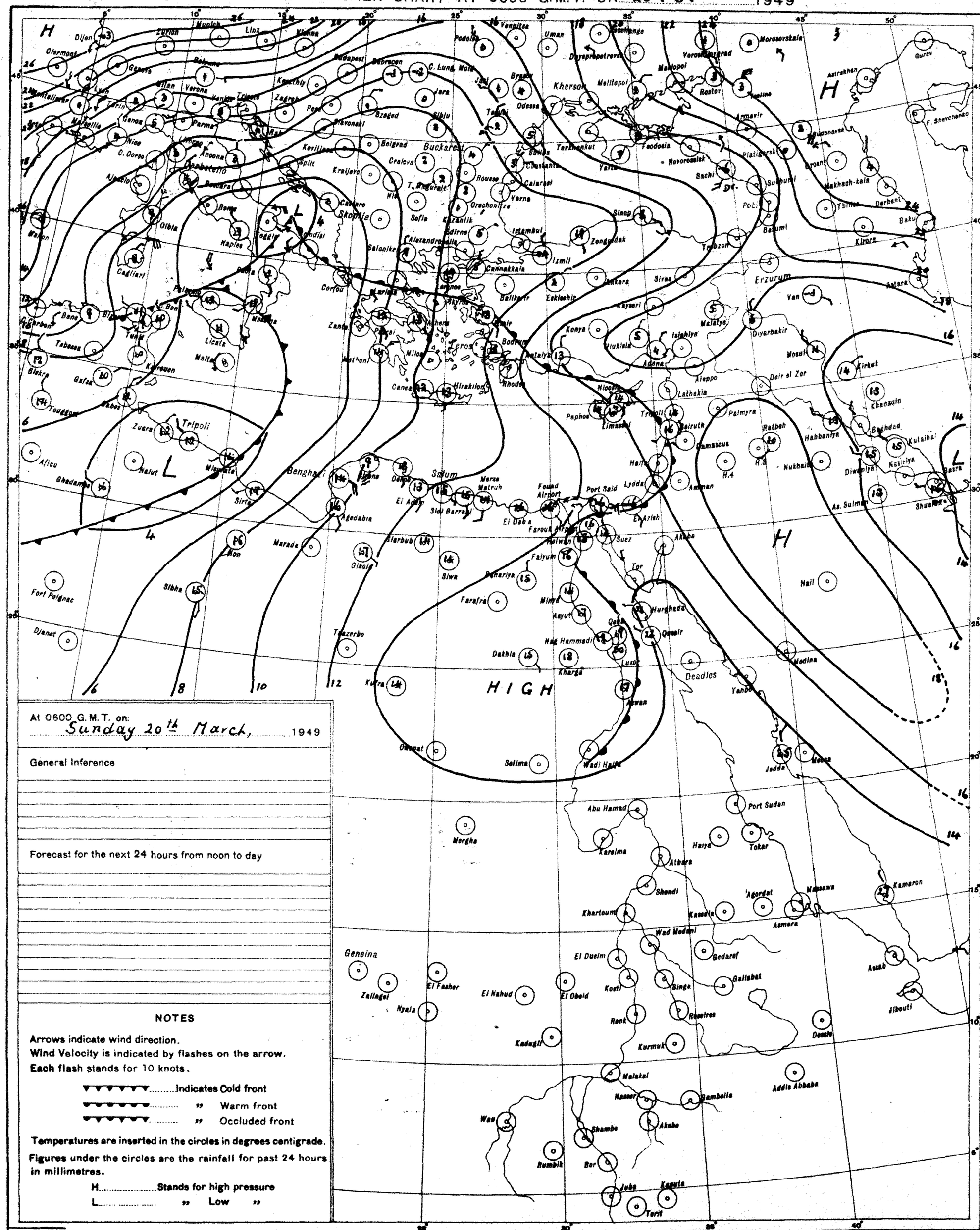
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 20 . 3 . 1949


H
L
HIGH
Buckarest
Khersok
Erzurum
Tripoli
Benghazi
Sollum
Skoptje
Deadlos
Port Sudan
Geneina
Khartoum
Asmara
Jibouti
Addis Abbaba
Wau
Juba
Kassala
Gedaref
Wad Medani
El Obeid
El Fasher
Nyala
Zalingei
Kadugli
Kurmuk
Malakal
Bambella
Akobo
Shambe
Rumbik
Bor
Kasala
Terit
Kamaron
Massawa
Agordat
Shendi
Atbara
Karsima
Abu Hamad
Merghe
Haiya
Tokar
Jedda
Mecca
Medina
Yanbo
Hurghada
Qoseir
Luxor
Aswan
Kharga
Dakhla
Farafra
Siwa
Minya
Asyut
Qena
Nag Hammadi
Faiyum
Helwan
Suez
Tor
Akaba
Port Said
Lydda
Haifa
Amman
Damascus
Beirut
Palmyra
Aleppo
Lathakia
Konya
Adana
Mosul
Kirkuk
Baghdad
Basra
Shuaiba
Nasiriya
Diwaniya
Kutaiba
Khanaqin
Diyarbakir
Van
Sivas
Ankara
Trabzon
Sinop
Zongudak
Istambul
Izmit
Eskisehir
Balikesir
Cannakkale
Salonika
Athens
Corfou
Malta
Licata
Palermo
Cagliari
Naples
Rome
Ancona
Venice
Milan
Genoa
Marseille
Nice
Lyon
Geneva
Zurich
Munich
Linz
Vienna
Budapest
Debrecen
Szeged
Belgrad
Craiova
Sofia
Varna
Rousse
Constanta
Odessa
Sevastopol
Yalta
Theodosia
Novorossiisk
Sochi
Poti
Batumi
Tbilisi
Baku
Derbent
Makhach-kala
Astrakhan
Rostov
Taganrog
Mariupol
Dnepropetrovsk
Kiev
Gurev
Morozovskaia
Tripoli
Zuara
Nalut
Ghadames
Sirte
Agedabia
Marada
Giaola
Jalo
Siwa
Sibha
Fort Polignac
Djanet
Tamezerbo
Kufra
Sollima
Owenat
Wadi Halfa
Port Sudan
Cannes
Bizerte
Tunis
Tabessa
Biskra
Gafsa
Touggourt
Kairouan
Bona
C. Carbon
C. Bon
Malta
Pantelleria
Lampedusa
Tripoli
Benghazi
Sollum
Mersa Matruh
El Daba
Fouad Airport
Port Said
El Arish
Akaba
Suez
Tor
Hail
Medina
Deadlos
Yanbo
Jedda
Mecca
Port Sudan
Tokar
Haiya
Karsima
Atbara
Shendi
Khartoum
Kassala
Agordat
Massawa
Asmara
Kamaron
Wad Medani
Gedaref
Gallabat
Singa
Roseires
Renk
Kosti
El Obeid
El Fasher
El Nahud
Nyala
Zalingei
Geneina
Kadugli
Kurmuk
Malakal
Nasser
Bambella
Akobo
Shambe
Rumbik
Bor
Juba
Kasala
Terit
Addis Abbaba
Dessie
Jibouti
Assab
Aswan
Wadi Halfa
Sellima
Owenat
Kufra
Tamezerbo
Djanet
Fort Polignac
Sibha
Marada
Giaola
Agedabia
Sirte
Tripoli
Zuara
Nalut
Ghadames
Aflou
Tougourt
Biskra
Gafsa
Tabessa
Kairouan
Bona
C. Carbon
C. Bon
Malta
Licata
Palermo
Cagliari
Naples
Rome
Ancona
Venice
Milan
Genoa
Marseille
Nice
Lyon
Geneva
Zurich
Munich
Linz
Vienna
Budapest
Debrecen
Szeged
Belgrad
Craiova
Sofia
Varna
Rousse
Constanta
Odessa
Sevastopol
Yalta
Theodosia
Novorossiisk
Sochi
Poti
Batumi
Tbilisi
Baku
Derbent
Makhach-kala
Astrakhan
Rostov
Taganrog
Mariupol
Dnepropetrovsk
Kiev
Gurev
Morozovskaia
Kirova
Astara
Van
Diyarbakir
Mosul
Kirkuk
Baghdad
Basra
Shuaiba
Nasiriya
Diwaniya
Kutaiba
Khanaqin
Nukhaila
Habbaniya
Ratbah
Palmyra
Aleppo
Lathakia
Konya
Adana
Mersin
Antalya
Rhodes
Bodrum
Izmir
Cannakkale
Salonika
Athens
Corfou

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 No 7 F.

DAILY WEATHER REPORT

Date: MONDAY 21st MARCH, 1949

At 1200 on Sun. 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	110	3	7	02	5	8	Cu.Sc	9.3	18	88	16
	62303	SÎDI BARÂNI	180	3		02		8	Ac	10.8	19	73	14
	62306	MATRÛH	70	2	13	02	2	8	As	11.0	17	83	14
	62309	EL DABA	40	17		01	1	6	Cu	11.1	25	28	5
		ALEXANDRIA	180	5	50	02	2	8	St	11.5	24	32	6
	62316	FOUAD (Airport)	170	5	12	02	2	7	Cu.As	11.1	26	18	0
	62330	DAMIETTA	20	2	15	03	2	7	As	13.3	19	83	14
	62333	PORT SA'ÎD	60	10	18	02	1	5	Ac	14.1	17	83	14
	62336	EL 'ARISH	360	9	35	03	0	3	Cu	14.7	19	73	14
Lower Egypt	62339	DAMANHUR	130	9	15	03	1	7	Cc	12.3	26	37	10
	62342	MANSURA	140	5	35	03	2	6	Ac	13.1	26	30	7
	62348	TANTA	00	0	15	03	2	7	As	12.5	26	25	4
	62354	ZAGAZIG	40	2	7	03	1	6	Ac	12.3	26	24	4
	62441	ISMA'ÎLIA	140	2	3	02	2	6	As	13.1	27	20	2
Cairo Area	62356	FAROUK (Airport)	320	8	30	02	2	7	As,Cu	12.1	26	18	0
	62372	ALMÂZA											
		EZBEKÎYA	270	4	35	03	0	6	As	12.2	27	20	2
		GÎZA	270	4	35	03	0	6	As	12.0	27	27	6
	62378	HELWÂN	220	3	35	03	2	8	Ac	11.9	26	18	0
Upper Egypt	62381	FAIYÛM	00	0	35	03	2	8	Ci	12.3	28	27	7
	62387	MINYA	00	0	14	02	1	4	Ci	12.5	28	27	7
	62393	ASYÛT MANQABAD	00	0	36	02	1	3	Ci	11.4	28	18	1
	62399	NAG' HAMMÂDI	250	1	15	01	1	5	Ci	10.8	29	19	3
	62402	QENA	360	5	50	00	0	0	-	11.2	30	16	1
	62405	LUXOR	360	4	30	00	0	0	-	11.2	27	12	-5
	62414	ASWÂN	340	8	50	00	0	0	-	11.1	28	15	-1
Oases	62417	SÎWA	320	4	35	03	2	8	Ac	10.7	27	33	9
	62420	BAHARÎYA	180	3	35	02	2	7	Ac	11.4	29	14	-1
	62423	FARAFRA	200	4	35	35	3	4	Ac	10.6	31		
	62432	DAKHLA	140	6	50	00	0	0	-	10.2	30	21	5
	62435	KHARGA	00	0	35	00	0	0	-	12.2	29	19	3
Red Sea	62450	SUEZ	00	0	35	03	0	7	As	11.9	24	26	3
	62459	TÛR											
	62462	HURGHÂDA	360	5		04	0	5	Cu,Cs	12.7	22	50	11
	62465	QUSEIR	200	9	15	03	2	6	Cs	13.0	24	54	14
	62641	PORT SÛDÂN	40	15	50	00	0	0	-	11.1	27	55	17
North Sûdân	62600	WÂDI HALFA	340	12	30	00	0	0	-	10.4	30	13	-1
	62640	ABU HAMAD											
	62660	KAREIMA	40	10	30	00	0	0	-	9.5	31	8	-7
	62680	'ATBARA	360	9	30	00	0	0	-	7.3	32		
	62721	KHARTÛM	340	10	30	02	0	0	-	6.9	33	10	-2
	62730	KASSALA											
Central Sûdân	62751	WÂD MEDANI	50	9	35	00	0	0	-	4.6	36	6	-8
	62801	RENK	50	5	50	00	0	0	-	4.7	37	33	18
	62802	ROSEIRES	310	5	35	00	0	0	-		40	14	8
	62771	EL OBEID	300	21	30	03	0	0	-	5.5	34	9	-4
	62760	EL FÂSHER	70	9	30	02	1	8	Cs		33	10	-2
	62770	GENEINA											
S. Sûdân	62840	MALAKÂL	50	10	30	00	0	0	-	2.8	39	7	-3
	62880	WÂU	20	11	10	00	0	2	Ac	0.8	40	14	8
	62941	JUBA	50	9	30	03	2	7	Cu,Ac	4.4	31	52	20

At 1800 on SUN 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	20	22	7	01	5	6	Ac	5.9	16	79	12	dr
SÎDI BARÂNI	11 0	7	35	03	5	8	Sc,Cu,Ac	7.6	14	88	12	dr
MATRÛH	130	9	12	02	2	8	As		16	72	11	0
EL DABA				01	1	4	Cu	8.4	20	46	8	0
ALEXANDRIA	40	6	3	03	2	8	St	11.4	19	46	7	0
FOUAD (Airport)	60	6	13	02	6	8	As	11.2	18	60	10	dr
DAMIETTA	140	5		02	2	7	As	13.0	17	88	15	0
PORT SA'ÎD												
EL 'ARISH	40	13	1.5	03	2	7	cb	13.5	17	77	13	0
DAMANHUR	130	5	15	01	1	3	Cc	12.3	21	33	4	0
MANSURA	160	5	3	03	2	6	Ac	13.0	17	77	13	0
TANTA	130	13	15	02	2	8	As	13.0	19	64	12	0
ZAGAZIG	40	5	3	03	1	8	Cu.Sc	12.4	20	60	12	0
ISMA'ÎLIA	20	2	3	03	2	8	As	12.8	19	52	4	0
FAROUK (Airport)	110	10	30	02	2	7	Ac	12.4	23	18	-3	0
ALMÂZA												
EZBEKÎYA	00	0	15	00	2	3	Sc	12.0	21	41	7	0
GÎZA	00	0	15	00	2	3	Sc	12.6	22	33	5	0
HELWÂN	90	6	15	02	2	8	Ac	11.9	23	24	1	0
FAIYÛM	00	0	35	01	1	4	Ci	11.8	22	50	11	0
MINYA	00	0	8	00	0	2	Ci	11.9	21	41	7	0
ASYÛT MANQABAD												
NAG' HAMMÂDI	00	0	7	00	0	0	-	11.8	19	52	9	0
QENA	270	2	7	00	0	0	-	11.9	20	46	8	0
LUXOR	00	0	12	00	0	0	-	11.4	22	17	-4	0
ASWÂN	00	0	50	00	0	0	-	11.5	25	19	0	0
SÎWA	00	0	7	05	5	0	-	13.5	22	50	11	dr
BAHARÎYA	90	2	15	02	2	7	Ac	10.7	24	26	3	0
FARAFRA	40	3	7	02	3	5	As	9.4	25			0
DAKHLA	90	6	35	00	0	0	-	10.0	25	17	-2	0
KHARGA	00	0	15	00	0	0	-		22	29	3	0
SUEZ	00	0	7	01	0	0	-	12.6	19	64	12	0
TÛR												
HURGHÂDA	00	0		01	2	2	Ci	12.4	19	64	12	0
QUSEIR	360	9	15	01	1	0	-	12.3	21	65	14	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on MONDAY 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.	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.
SALÛM	200	5	7	20	6	8	Ac	4.6		18	21		13		73	15	1		
SÎDI BARÂNI	200	4		50	6	8	Sc,Ac	5.8		17	20		14		88	15	1	239	
MATRÛH	240	18	12	03	6	8	cb	4.5		17	22		12		68	11	1		
EL DABA	220	10		01	2	6	Cu	6.4		19	26		13		73	14	0	151	
ALEXANDRIA	130	12	50	03	2	8	St	9.4	-6.3	19	27	+5	17	+4	52	9	dr	251	178
FOUAD (Airport)	90	12	14	02	2	8	Ac	8.3		17	27		15		68	11	dr	253	136
DAMIETTA	140	5	7	03	2	8	Sc	10.4	-5.2	18	23		12		83	15	0	315	98
PORT SA'ÎD	100	14	2	02	2	8	Ac	11.0		17			16		77	13	0	57	
EL 'ARISH	160	5	35	02	2	7	cb	8.8	-7.1	18	22	0	13		83	15	0		81
DAMANHUR	90	9	7	03	1	7	Ac,Cu	9.6	-6.4	17	27	+3	15	+5	77	13	0	98	90
MANSURA	40	5	15	03	2	8	Sc,Cu	10.7	-5.1	17	28	+4	15	+5	77	13	0	40	46
TANTA	90	8	15	02	2	8	Cu	10.8	-5.6	17	26	+1	12	+3	60	9	0	28	34
ZAGAZIG	40	5	7	03	1	8	Ac	10.7	-5.2	17	27	+2	11	+2	60	9	0	17	24
ISMA'ÎLIA	140	2	3	00	2	8	As	10.7		19	27		17		46	7	0	11	
FAROUK (Airport)	160	10	30	02	2	8	Ac	10.0		22	27				21	-1	0		
ALMÂZA	180	12	12	02	2	8	Ac	9.3	-6.7	22			21		23	0	0		
EZBEKÎYA	00	0	15	03	0	8	As	10.4	-5.6	20	27	+2	17	+6	33	3	0	8	21
GÎZA	00	0	15	03	0	8	As	9.9	-6.5	19	27	+2	15	+7	35	3	0	14	21
HELWÂN	140	4	50	00	2	8	Ac	10.3	-5.6	21	28	+3	20	+8	20	-3	0	15	23
FAIYÛM	20	5	35	03	2	8	Fs,Fc	11.0	-5.2	17	29	+3	16	+6	42	4	0	6	7
MINYA	360	11	10	03	2	8	As	12.8		16	29		11		49	5	0	5	
ASYÛT MANQABAD	90	3	30	00	0	1	Cu	9.5			30						0	0	
NAG' HAMMÂDI	00	0	3	00	0	0	-	11.2	-4.0	19	30		10		46	7	0	0	
QENA	90	2	15	00	0	0	-	11.5	-3.1	18	31	-1	10	-2	46	6	0	dr	
LUXOR	00	0	30	00	0	0	-	11.4		20	29		11		33	3	0	dr	
ASWÂN	00	0	50	00	0	0	-	11.4	-3.1	20	30	-2	15	0	38	5	0	dr	
SÎWA	90	4	35	00	0	0	-	5.5	-12.0	19	28	+2	13	+4	46	7	dr	dr	7
BAHARÎYA	90	5	35	02	0	0	-	8.7	-7.9	22	30	+4	14	+5	21	-1	dr	dr	7
FARAFRA	140	5	15	01	1	0	-	8.0		18	31		13				0	dr	
DAKHLA	90	9	35	00	0	0	-	8.7	-7.2	20	31	+2	13	+2	33	3	0	dr	
KHARGA	00	0	35	00	0	0	-	11.0	-4.4	19	31	+2	13	+1	30	1	0	0	
SUEZ	00	0	35	00	1	7	Sc	11.0	-4.8	19			14	+1	52	9	0	12	14
TÛR																			13
HURGHÂDA	00	0		03	0	3	Cu	11.3		21	22		12		41	7	0	7	
QUSEIR	250	5	15	02	0	0	-	11.9	-1.9	22	24	-1	15	-2	29	3	0	0	4
PORT SÛDÂN	350	8	30	01	0	1	Ac	11.5		24	28		15		34	7	0	34	95
WÂDI HALFA	00	0	30	00	0	0	-	11.3		20	31		13		26	0	0	tr	
ABU HAMAD	70	2	30	00	0	0	-	10.8		21	32		15		17	-5	0		
KAREIMA	50	3	30	00	0	0	-	10.6		21	32		17		23	-1	0	3	1
'ATBARA	20	5	30	02	0	5		10.3		21					21	-3	0	7	2
KHARTÛM	360	8	30	02	0	0	-	10.2		23	35		15		14	-6	0	16	4
KASSALA	230	2	30	00	0	0	-	8.3		23	38		13		44	10	0	10	8
WÂD MEDANI	360	5	50	00	0	0	-	8.6		23	37		12		13	-5	0	11	12
RENK	40	12	50	00	0	0	-			26	37		19		13	3	0	0	49
ROSEIRES	340	5	35	00	0	0	-			24	40		20		26	3	0	3	38
EL OBEID	40	10	30	00	0	2		9.1		21	35		17		18	-4	0	11	16
EL FÂSHER	10	2	30	02	1	7	Cu			19	35		13		28	0	0	0	6
GENEINA	50	7	30	02	1	8	Cs			22	37		19		8	-15	0		4
MALAKÂL	50	13	30	02	0	2	Cu	7.2		27	40		21		10	-7	0	70	91
WÂU	00	0	30	00	0	2	Ac	5.9		25	41		23		39	10	0	267	164
JUBA	50	2	10	61	6	7	Cu,Ac	5.8		26	34		24		18	0	dr	149	181

HUMIDITY

% Mean of day

Station	on 20th	Diff. from normal
Alexandria	51	-14
Ezbekîya	43	-16
Gîza	34	-28
Helwân	26	-19

GÎZA
GRASS MINIMUM TEMP
ON 21st 11.7 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

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

Remarks

RAWINSONDE — Farouk AIRPORT — On 21st At 3

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	0	20	24	130	17
950					
900					
850	1452	11	47	260	14
800					
700	3047	1	75	260	40
600					
500	5684	-14			
400		-25			
300					

RAWINSONDE — AIRPORT — On ... At ...

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

UPPER WIND OBSERVATIONS on 20th

Height m.	Fouad A.P. Dir.	Vel.	Dir.	Vel.	Minya Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
Time	15				15																					
300	60	3			20	13																				
600					20	15																				
1000					10	15																				
1500	240	12			10	17																				
2000	230	16			350	16																				
3000																										
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 21st

Height m.	Sîdi Barâni Dir.	Vel.	Matrûh Dir.	Vel.	Fouad Airport Dir.	Vel.	Port Sa'îd Dir.	Vel.	El 'Arish Dir.	Vel.	Helwân Dir.	Vel.	Minya Dir.	Vel.	Asyût Manqabad Dir.	Vel.	Luxor Dir.	Vel.	Aswân Dir.	Vel.	Hurghâda Dir.	Vel.	Farouk A.P. Dir.	Vel.
Time	5				4						7		3	15			6	15	5				3	
300	230	19			140	17					160	11	150	33			220	3					200	21
600	250	17			170	23					180	37	160	61			190	11	110	10			210	18
1000	280	19			180	19					210	31	170	59			240	4	80	6			220	16
1500	300	26			190	15					210	40	180	50					10	10			260	14
2000					210	17													360	22			250	26
3000																							260	40
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Sîwa Dir.	Vel.	Bahariya Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Wâdi Halfa Dir.	Vel.	Abû Hamad Dir.	Vel.	Kareima Dir.	Vel.	Khartûm Dir.	Vel.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fâsher Dir.	Vel.	Malakâl Dir.	Vel.
Time	5		5		5		5		4		4		4	15	4		4				4	15	4	
300	80	30	160	12	130	18	180	10	100	7														
600	90	30	180	23	160	30	180	19	70	10	40	22	40	23	20	18	360	6					30	19
1000	90	23	190	36	180	27	190	17	60	7	30	23	30	21	20	26	10	9			40	5	20	29
1500	140	15	200	25	190	43	230	15	10	14	350	6	20	19	40	8	10	15			70	23	40	22
2000	180	31	210	18			280	16	350	22	350	15	350	18	20	23	20	3					30	12
3000	210	55							330	27	330	15	310	17	330	11	350	9			310	3	50	7
4000													280	15	330	8							100	5
5000																								
6000																								
7000																								
8000																								

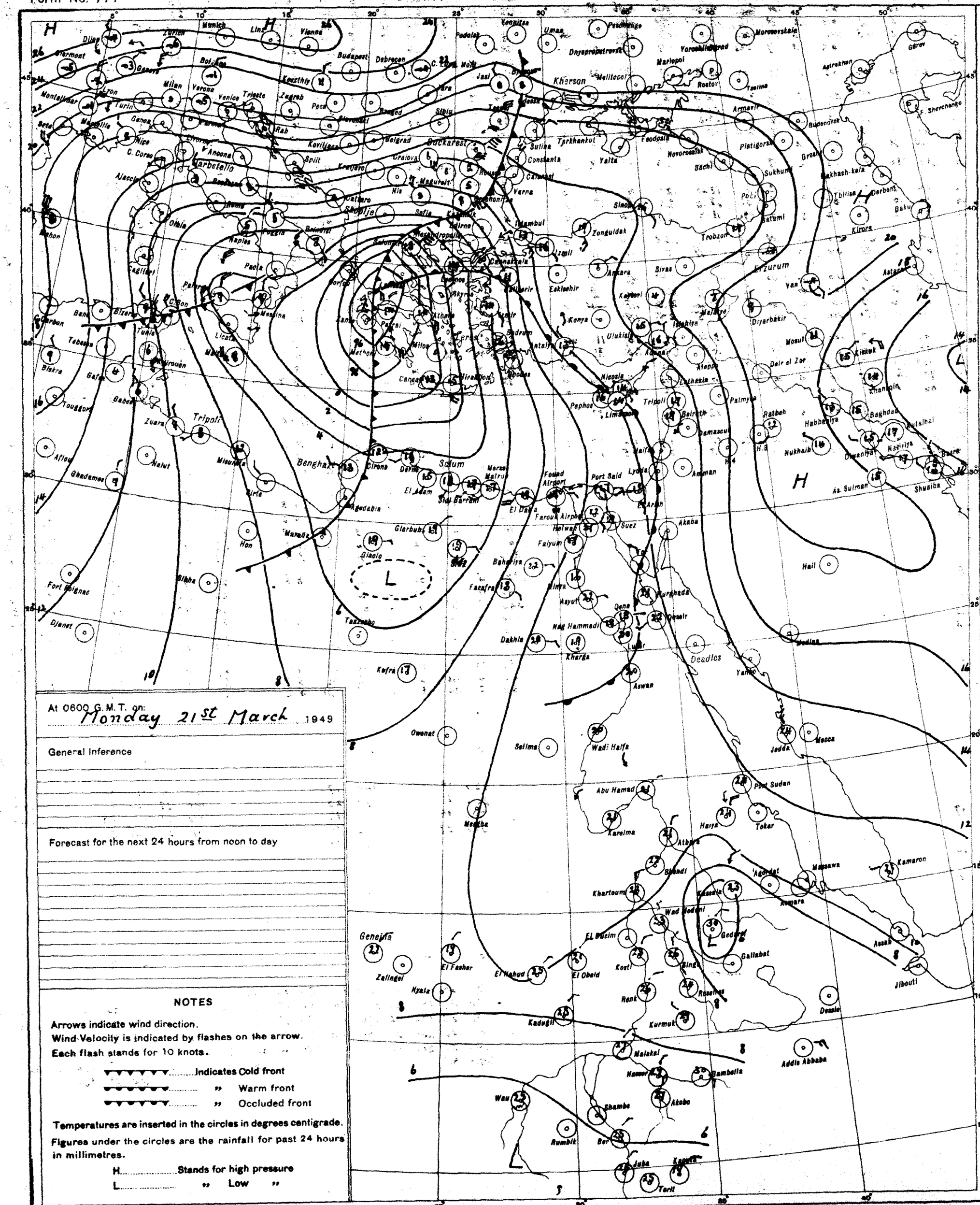
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 21.3. 1949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Amman
Jerusalem
Port Said
Suez
Cairo
Khartoum
Asmara
Massawa
Addis Ababa
Jibouti
Aden
Jedda
Mecca
Medina
Port Sudan
Khartoum
Wadi Halfa
Aswan
Luxor
Kharga
Dakhla
Kufra
Benghazi
Tripoli
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Rostov
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Dnyepropetrovsk
Mariupol
Rostov
Astrakhan
Gurev
Tashkent
Kirova
Darbent
Baku
Tbilisi

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 No 7 F.

DAILY WEATHER REPORT

Date : TUESDAY 22nd MARCH, 1949

At 1200 on MON 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	6	7	02	5	7	Ac	4.7	19	88	17
	62303	SÎDI BARÂNI	360	4	50	03	6	8	Sc,Cu	5.8	20	83	17
	62306	MATRÛH	40	11	13	02	2	6	Sc,As	6.0	21	74	16
	62309	EL DABA	40	10		01	2	6	Cu	6.0	21	65	14
		ALEXANDRIA	40	3	50	03	5	8	St	6.4	20	56	11
	62318	FOUAD (Airport)	30	14	18	02	2	7	As	6.2	21	57	12
	62330	DAMIETTA	20	5	7	02	5	8	Cu,Sc	9.0	19	83	16
	62333	PORT SA'ID	80	12	12	06	2	8	Ac	8.4	18	83	15
	62336	EL 'ARISH	40	19	35	03	2	8	St	9.5	21	65	14
LOWER EGYPT	62339	DAMANHUR	90	5	15	02	2	8	As	7.0	23	44	10
	62342	MANSURA	110	2	15	03	2	8	Sc,Cu	8.3	24	47	12
	62348	TANTA	00	0	15	02	2	8	Cb	8.0	25	42	11
	62354	ZAGAZIG	140	5	7	02	2	8	Ac	7.1	27	42	13
	62441	ISMA'ILIA	160	2	3	02	2	8	As	7.3	28	22	4
CAIRO AREA	62366	FAROUK (Airport)	200	22	30	02	2	8	Ac,Sc	5.7	30	22	6
	62372	ALMÂZA	200	18	30	03	2	8	As	5.6	30	25	8
		EZBEKÎYA	180	4	15	03	2	8	As	6.4	29	23	6
		GÎZA	180	4	15	03	2	8	As	6.6	30	26	8
	62378	HELWÂN	160	11	35	20	5	8	As	5.8	28	22	4
UPPER EGYPT	62381	FAIYÛM	200	5	35	02	2	8	Fs,Fc	6.0	31	22	7
	62387	MINYA	180	16	12	00	0	0	—	6.2	31	17	3
	62393	ASYÛT MANQABÂT	140	9	30	00	0	0	—	6.1	34	14	3
	62399	NAG' HAMMÂDI	90	3	7	00	0	0	—	7.6	31	16	2
	62402	QENA	90	5	50	00	0	0	—	8.7	30	16	1
	62405	LUXOR	160	4	30	00	0	0	—	7.8	33	12	0
	62414	ASWÂN	250	6	50	00	0	0	—	8.2	33	15	3
OASES	62417	SÎWA	00	0	35	00	0	0	—	2.2	30	46	17
	62420	BAHARÎYA	180	11	7		0	—		3.8	35	8	-4
	62423	FARAFRA											
	62432	DAKHLA	180	18	7	06	3	0	—	5.0	34	10	6
	62435	KHARGA	00	0	35	00	0	0	—	7.6	34	10	-2
RED SEA	62450	SUEZ	180	5	35	02	0	7	Sc	8.6	23	38	8
	62459	TÛR											
	62462	HURGHÂDA	80	10		01	1	1	Ci	10.5	24	69	18
	62465	QUSEIR	90	13	15	02	0	0	—	11.4	24	47	12
	62641	PORT SUDÂN	40	20	30	00	0	0	—	8.7	27	48	15
NORTH SUDAN	62600	WÂDI HALFA	110	5	30	00	0	0	—	6.9	33	13	1
	62640	ABU HAMAD	90	3	30	01	0	0	—	5.5	33	10	-2
	62660	KAREIMA	90	4	30	00	0	0	—	5.6	34	12	1
	62680	'ATBARA	90	5	30	00	0	0	—	4.5	34	11	-1
	62721	KHARTÛM	50	5	30	01	0	0	—	3.9	35	12	2
	62780	KASSALA	20	2	30	00	0	0	—	1.1	38	15	7
CENTRAL SUDAN	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES	360	9	50	00	0	0	—		39	16	9
	62771	EL OBEID	40	7	30	01	1	2	Ci	8.1	34	9	-4
	62760	EL FÂSHER	70	5	30	02	1	7	Ci		33	17	5
	62770	GENEINA	50	2	30	02	2	7	Cs		36	6	-8
S. SUDAN	62840	MALAKÂL	20	9	30	02	0	1	Ci	1.4	39	7	-3
	62880	WÂU	30	4		00	0	0	—	99.9	39	17	10
	62941	JUBA	20	9	30	03	2	7	Cu,Ac	0.3	37	33	18

At 1800 on MON. 21st

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past 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	270	7	7	02	5	8	Ac	7.1	17	88	15	dr
62303	SÎDI BARÂNI	340	4	35	01	2	7	Sc,Cu	6.7	16	95	16	3
62306	MATRÛH	30	9	12	03	2	7	As	7.0	18	83	15	0
62309	EL DABA	40	9		01	1	4			20	56	11	R
	ALEXANDRIA	40	2	3	05	5	8	St	6.0	20	88	18	dr
62318	FOUAD (Airport)	20	11	12	02	5	6	Sc,Ac	6.0	18	73	13	dr
62330	DAMIETTA	90	9		02	2	8	Cu,Sc	7.1	19	64	12	dr
62333	PORT SA'ID												
62336	EL 'ARISH	140	5	1.5	03	0	4	St	8.3	20	56	11	0
62339	DAMANHUR	90	14	7	01	1	0	—	6.4	19	52	9	0
62342	MANSURA	140	5	3	00	1	0	—	6.4	18	73	13	0
62348	TANTA	270	8	35	01	1	3	As	6.0	18	73	13	0
62354	ZAGAZIG	40	9	3	00	1	0	—	5.1	20	56	11	0
62441	ISMA'ILIA	140	2	3	02	0	0	—	6.8	21	41	7	0
62366	FAROUK (Airport)	110	16	30	01	2	5	Ac		26	21	2	0
62372	ALMÂZA	140	22	13	01	2	4	Ac	3.6	25	30	6	0
	EZBEKÎYA	00	0	15	03	2	8	As	4.3	26	18	0	0
	GÎZA	00	0	15	03	2	8	As	5.0	24	30	6	0
62378	HELWÂN	90	16	15	01	1	0	—	3.8	27	15	-2	dr
62381	FAIYÛM	00	0	35	02	2	8	Fs,Fc	3.5	26	25	4	0
62387	MINYA	00	0	8	00	0	0	—	5.1	23	44	10	0
62393	ASYÛT MANQABÂT												
62399	NAG' HAMMÂDI	140	2	7	00	0	5	Ci	7.2	28	22	4	0
62402	QENA												
62405	LUXOR	00	0	12	00	0	0	—	8.0	26	18	0	0
62414	ASWÂN	00	0	50	00	0	0	—	8.2	29	19	3	0
62417	SÎWA	40	18	7	00	0	0	—	2.6	24	47	12	0
62420	BAHARÎYA	180	8	7	07	0	0	—	1.8	27			0
62423	FARAFRA												
62432	DAKHLA	140	12	7	06	3	0	—	4.8	29	19	3	0
62435	KHARGA	00	0	1.5	00	0	0	—	7.6	28	22	4	0
62450	SUEZ	180	4	7	01	0	0	—	7.1	20	56	11	0
62459	TÛR												
62462	HURGHÂDA	140	8		00	0	0	—	9.9	21	69	15	0
62465	QUSEIR	90	9	15	02	0	0	—	10.2	20	83	17	0
62641	PORT SUDÂN												
62600	WÂDI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	'ATBARA												
62721	KHARTÛM												
62780	KASSALA												
62751	WÂD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID												
62760	EL FÂSHER												
62770	GENEINA												
62840	MALAKÂL												
62880	WÂU												
62941	JUBA												

At 0600 on TUESDAY 22nd

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	270	2	7	20	6	8	Ac	8.7		14	21		11		95	14	6		
SÎDI BARÂNI	340	5	50	02	6	8	As	8.7		14	20		13		95	14	11	250	
MATRÛH	330	6	11	65	8	8	Cb	9.3		15	22		12		95	14	2		
EL DABA	340	10		01	2	7	Cu			16			11		82	13	R		
ALEXANDRIA	40	9	15	02	2	8	St	6.0	-9.6	18	22	0	17	+4	83	15	dr	251	178
FOUAD (Airport)	00	0	8	02	2	8	As	6.7		18	22		15		78	14	dr	253	136
DAMIETTA	140	5	3	02	2	8	Sc	5.9	-9.6	20	21		12		69	13	dr	315	98
PORT SA'ID	180	16	5	05	2	6	As	6.6		20			17		60	12	0	57	
EL 'ARISH			35	03	2	8	St	5.6	-10.2	19	24	+2	17	+6	83	16	0		81
DAMANHÛR	40	5	3	03	2	8	As	5.9	-10.0	17	23	-1	15	+5	77	13	0	98	91
MANSÛRA	180	5	15	03	2	8	Sc,Cu	5.8	-10.0	21	25		17	+7	50	10	0	40	46
ṬANṬA	00	0	15	03	2	8	Cb	6.3	-10.0	21	26	+1	15	+6	50	10	0	28	34
ZAGAZIG	220	2	7	03	1	8	Ac	6.3	-9.5	22	27	+2	17	+8	44	9	0	17	24
ISMA'ILIA	180	13	1.5	06	2	8	As	6.7		22	29		19		50	11	0	11	
FAROUK (Airport)	210	17	12	03	2	7	Sc	6.2		26	30				23	3	0		
ALMÂZA	210	15	12	02	2	8	Ac,Cu	5.7		26	30		24		30	7	0		
EZBEKÎYA	00	0	15	03	2	8	As	6.2	-9.8	24	30	+5	20	+9	32	6	0	8	21
GÎZA	00	0	15	03	2	8	As	6.0	-10.3	24	30	+6	19	+10	32	6	0	14	21
HELWÂN	160	4	15	03	2	8	Ac	6.6	-9.3	25	30	+5	23	+11	22	2	dr	15	23
FAIYÛM	00	0	35	02	2	8	Fs,Fc	6.6	-9.5	23	33	+7	21	+11	32	5	0	6	7
MINYA	180	12	10	02	1	6	Ac,Cu	6.8		22	32		17		36	6	0	5	
ASYÛT MANQABÂT	180	13	6	07	0	4	Cu	7.4		23	35		19		34	6	0	0	
NAG' HAMMÂDI	00	0	3	0	0	0	—	9.6	-5.5	23	32		15		50	12	0	0	
QENA	40	2	15	00	0	0	—	10.8	-3.7	21	32	0	14	+2	33	4	0	dr	
LUXOR	00	0	15	00	0	0	—	10.1		22	36		16		33	5	0	dr	
ASWÂN	00	0	50	00	0	0	—	10.7	-3.7	21	35	+3	18	+2	53	11	0	dr	
SÎWA	40	11	35	03	2	8	Ac	9.0	-8.4	17	32	+6	13	+4	52	7	0	dr	7
BAHARÎYA	180	9	15	02	2	7	Ac			21	35	+9			35	5	0	dr	7
FARAFRA																		dr	
DAKHLA	90	9	35	00	0	0	—	6.7	-9.2	24	35	+6			32	6	0	dr	
KHARGA	00	0	35	00	0	0	—	9.0	-6.3	22	34	+4	16	+4	36	6	0	0	
SUEZ	180	11	15	00	2	8	As	8.2	-7.6	20	25	0	14	+1	73	15	0	12	14
TÛR																			13
HURGHADA	140	10		00	0	1	Cu	10.4		23	26	0	18		74	18	0	7	
QUSEIR	140	9	15	02	0	0	—	11.4	-2.4	21	25	0	18	+1	74	16	0	0	4
PORT SUDÂN	330	2	18	02	0	1	Cu,Cc	11.5		24	28		15		61	16	0	34	95
WÂDI HALFA	130	7	30	00	0	0	—	9.8		23	35		17		22	0	0	Cu	
ABU HAMAD	00	0	30	00	0	0	—	8.7		20	34		16		26	0	0		
KAREIMA	20	7	30	00	0	0	—	8.6		23	35		17		18	-3	0	3	1
'ATBARA	90	2	30	00	0	0	—	8.5		23	35		15		16	-4	0	7	2
KHARTÛM	20	6	30	02	0	1	Cu	7.3		23	36		18		27	3	0	10	4
KASSALA	360	2	30	00	0	0	—	6.2		24	38		16		38	9	0	10	8
WÂD MEDANI	50	13	50	01	1	4	Cc			19	36		16		60	11	0	11	12
RENK																		0	49
ROSEIRES	290	2	35	00	0	0	—			25	40		19		36	9	0	3	38
EL OBEID	40	4	30	00	0	0	—	7.1		25	38		16		17	-2	0	11	16
EL FÂSHER	360	5	30	00	0	1	Cu			19	35		14		30	1	0	0	6
GENEINA	50	1	30	00	0	0	—			20	38		16		23	-2	0		4
MALAKÂL	150	9	35	01	1	6	Ac	6.2		28	39		23		45	15	0	70	92
WÂU	00	0	30	02	1	6	As,Cu	5.6		26	41		20		32	8	0	267	165
JUBA																	1	150	182

HUMIDITY

Station	Mean % of day on 21st	Diff. from normal
Alexandria	53	-12
Ezbekiya	23	-36
Giza	28	-34
Helwân	12	-33

GÎZA
GRASS MINIMUM TEMP.
ON 22nd 18.4c.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — Farouk AIRPORT — On 22 At 3

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850	1446	18	24		
800					
700	3070	3	44		
600					
500	5697	-14			
400		-27			
300	7648	-44			

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

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

UPPER WIND OBSERVATIONS on 21st

Height m.	Fouad A.P. Dir.	Fouad A.P. Vel.	Minya Dir.	Minya Vel.
Time	15		14	30
300	50	17	160	31
600	30	16	170	31
1000	70	10	190	29
1500	170	20	180	28
2000	180	31		
3000				
4000				
5000				
6000				
7000				
8000				

UPPER WIND OBSERVATIONS on 22nd

Station	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Sa'id Dir.	Port Sa'id Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Farouk A.P. Dir.	Farouk A.P. Vel.
Time	5										7		4	15			5	45	5				3	
300	30	3									190	11	160	38			220	1					200	42
600											180	36	180	49			120	8	100	16			210	45
1000											200	45	190	45			160	13	90	14			220	49
1500											210	54	120	21					110	23			230	48
2000											230	52											240	41
3000																							250	43
4000																								
5000																							240	43
6000																							250	73
7000																								
8000																								

Station	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abu Hamad Dir.	Abu Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Geneina Dir.	Geneina Vel.
Time	5		5		5		5				4		4	15	4		4		4		4	45	3	30
300	350	43	190	24	130	15	160	11																
600	10	47	190	50	160	24	170	24			40	13	80	21	20	16	60	7					80	25
1000	10	30	200	60	180	35	170	23			30	16	80	15	50	22	20	14	40	20	20	5	70	19
1500	60	24			190	32					50	5	60	12	20	23	360	3	60	11	130	1	50	13
2000	180	17											40	11	00	0	220	5	150	3			50	13
3000	190	44									130	1	350	8	310	3	210	15	40	3	330	10	360	13
4000													310	10	340	7	220	7						
5000																								
6000																	290	15						
7000																								
8000																								

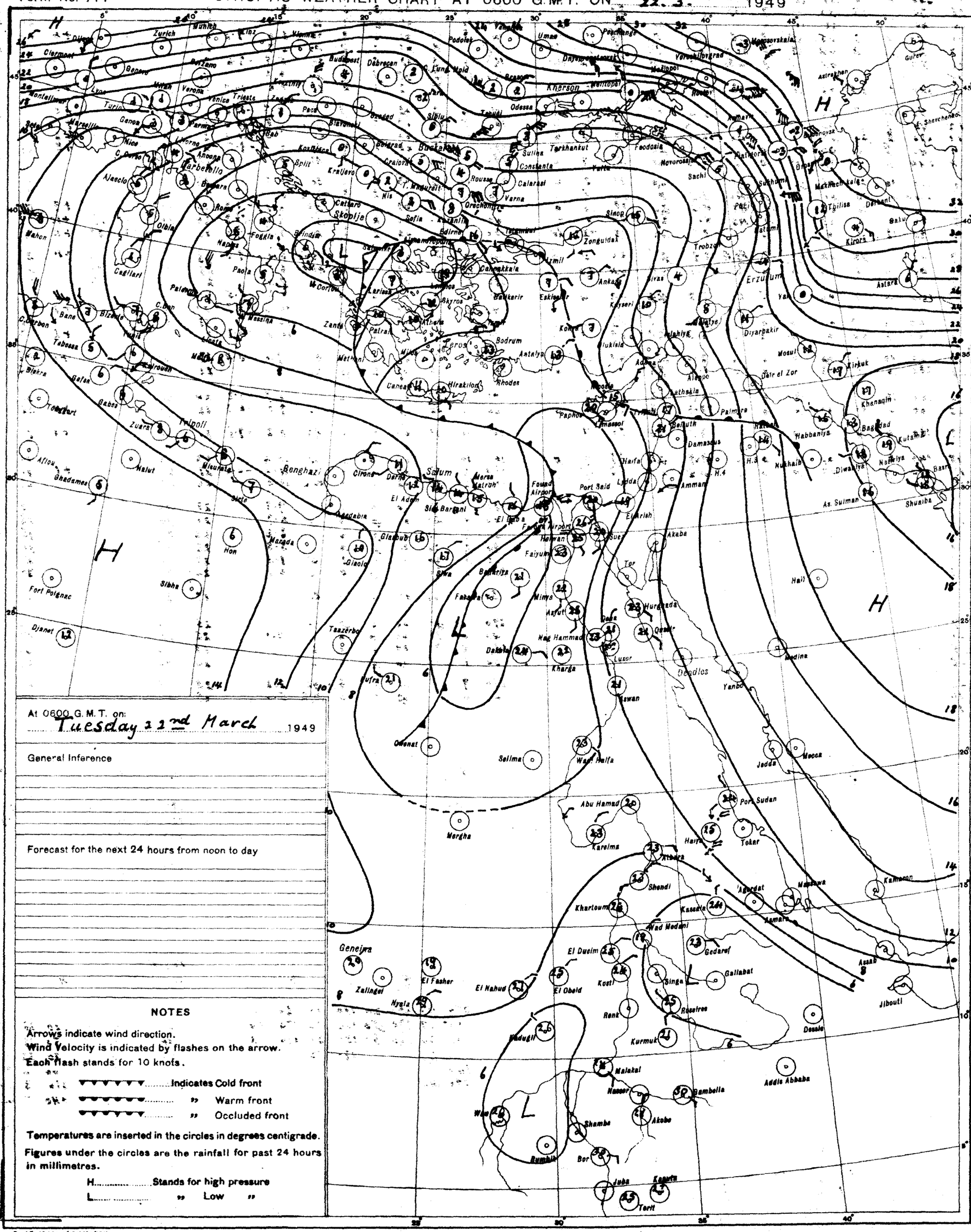
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 22. 3. 1949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Murmansk
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Odessa
Sibiu
Constanta
Rousse
Calarasi
Varna
Sulina
Terkhankut
Feodosia
Novorossiysk
Sochi
Tbilisi
Derbent
Baku
Kirovs
Astara
Erzurum
Trabzon
Sinop
Zonguldak
Ankara
Eskisehir
Kayseri
Adana
Aleppo
Diyarbakir
Mosul
Kirkuk
Khanaqin
Baghdad
Kutaiba
Basra
Nasiriya
Diwaniya
Nukhaib
Wabbaniya
Rutbah
Palmyra
Damascus
Beirut
Haifa
Lydda
Amman
Port Said
Ismailia
Suez
Akaba
Tor
Hurghada
Qena
Luxor
Aswan
Wadi Halfa
Abu Hamad
Port Sudan
Tokar
Jedda
Mecca
Medina
Yanbo
Hail
As Sulman
Shuaiba
Kamaran
Asab
Jibouti
Dessie
Addis Abbaba
Gambella
Akobo
Bor
Juba
Kapoeta
Torit
Malakal
Nasser
Wau
Rumbik
Shambe
Kurmuk
Roseires
Renk
Singa
Gallabat
Gedaref
Kassala
Asmara
Massawa
Agordat
Kamaran
Wad Medani
Khartoum
Shendi
Atbara
Kareima
Merowe
Dongola
Wadi Halfa
Selima
Mergha
Owenat
Kufra
Nag Hammadi
Kharga
Dakhla
Faiyum
Mimya
Asyut
Beni Suef
Fashoda
Bahariya
Siwa
Cairo
Fouad Airport
Port Said
El Arish
Rafah
Gaza
Jerusalem
Beirut
Damascus
Tripoli
Benghazi
Cirene
Derna
Tobruk
Sidi Barrani
Mersa Matruh
Sollum
El Adem
Gialo
Jaghbub
Marada
Hon
Sirte
Misurata
Nalut
Ghadames
Afiou
Zuara
Tripoli
Gafsa
Tebessa
Bizerte
Tunis
Bone
Cagliari
Palermo
Messina
Naples
Foggia
Brindisi
Bari
Rome
Pisa
Genoa
Marseille
Nice
Ajaccio
Bastia
Corfu
Zante
Patras
Athens
Lemnos
Skyros
Salonika
Larissa
Canea
Hirakion
Rhodes
Bodrum
Antalya
Mersin
Adana
Iskenderun
Lattakia
Nicosia
Paphos
Limassol
Tripoli
Benghazi
Tobruk
Alexandria
Cairo
Port Said
Suez
Hurghada
Luxor
Aswan
Wadi Halfa
Port Sudan
Tokar
Jedda
Mecca
Medina
Yanbo
Hail

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 No 7 F.

DAILY WEATHER REPORT

Date: WEDNESDAY 23rd MARCH, 1949

Area	Index Number	Station	At 1200 on Tues 22nd: Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	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	7	20	6	8	Ac	9.6	14	88	12
	62303	SIDI BARANI	340	4	50	62	6	8	As	9.4	18	88	16
	62306	MATRUH	370	5	11	02	2	8	Sc.Cu	10.1	18	83	15
	62309	EL DABA	320	15		01	1	6	Cu	10.7	18	83	15
		ALEXANDRIA	310	10	50	02	2	8	Ac	9.0	19	73	14
	62318	FOUAD (Airport)	300	13	12	02	2	7	Ac,Cu	8.3	20	64	13
	62330	DAMIETTA	290	2	7	02	2	8	Sc	6.0	24	54	14
	62333	PORT SAID	180	7	9	02	2	8	As	6.1	26	40	11
	62336	EL 'ARISH	360	9	35	02	2	8	St	6.6	23	61	15
Lower Egypt	62339	DAMANHUR	360	13	15	02	1	8	As	8.0	22	57	13
	62342	MANSURA	320	5	15	03	2	8	Sc,Cu	6.6	25	47	13
	62348	TANTA	310	13	15	02	2	8	Cb	6.6	24	54	14
	62354	ZAGAZIG	220	5	7	02	2	8	Ac	6.8	27	42	13
	62441	ISMAILIA	140	2	3	06	2	8	As	7.1	29	35	12
Cairo Area	62366	FAROUK (Airport)	270	11	5	05	2	8	As	5.8	29	27	8
	62372	ALMAZA	270	8	6	02	2	8	As	5.6	30	19	4
		EZBEKIYA	290	5	15	03	2	8	As	5.6	30	21	5
		GIZA	290	5	15	03	2	8	As	6.3	24	30	10
	62378	HELWAN	200	2	15	06	2	8	Ac	5.3	31	17	3
Upper Egypt	62381	FAIYUM	00	0	35	02	2	8	Ac	5.4	29	29	9
	62387	MINYA	200	12	6	07	2	8	As	5.1	31	36	14
	62393	ASYUT	180	19	3	07	5	5	Ci	4.7	37	19	10
	62399	NAG HAMMADI	00	0	7	00	0	0	-	6.2	36	25	13
	62402	QENA	130	5	50	00	0	0	-	7.0	35	22	10
	62405	LUXOR	140	3	30	00	0	0	-	6.3	35	16	6
	62414	ASWAN	00	0	50	00	0	0	-	2.8	38	14	6
Oases	62417	SIWA	320	14	35	00	0	0	-	10.4	22	50	11
	62420	BAHARIYA	270	4	15	02	2	0	-	5.8	30	16	1
	62423	FARAFRA											
	62432	DAKHLA	140	18	3	06	3	0	-	3.5	37	18	7
	62435	KHARGA	200	2	35	00	0	0	-	6.4	37	11	2
Red Sea	62456	SUEZ	270	3	35	02	2	8	Ac	6.4	27	42	13
	62459	TOR											
	62462	HURGHADA	100	16		02	1	4	Ac.Cu	9.5	24	69	18
	62465	QUSEIR	90	9	15	02	0	0	-	8.4	25	70	19
	62641	PORT SUDAN	50	12	30	00	0	0	-	8.2	27	62	19
North Sudan	62600	WADI HALFA											
	62640	ABU HAMAD	90	2		00	0	0	-	3.5	36	12	2
	62660	KAREIMA	40	3	30	00	0	0	-	4.0	36	12	2
	62680	'ATBARA	50	9	30	00	0	0	-	2.4	37	10	0
	62721	KHARTUM	70	2	30	02	0	1	Ci	2.3	37	13	5
	62730	KASSALA	310	2	30	00	0	0	-	99.8	41	11	5
Central Sudan	62751	WAD MEDANI	360	5	35	00	0	0	-	0.6	39	6	-5
	62801	RENK	50	5	50	00	0	0	-	4.4	39	23	14
	62802	ROSEIRES	320	2	35	00	0	0	-		40	17	11
	62771	EL OBEID	70	5	30	00	0	0	-	1.7	36	15	6
	62760	EL FASHER	20	5	30	02	1	6	Ci.Cs		36	9	-2
	62770	GENEINA	230	3	30	02	2	7	Ci.Cs		38	6	-7
S. Sudan	62840	MALAKAL	20	8	30	02	2	8	Ac.Ci	6.9	39	7	-3
	62880	WAU	00	0	30	02	1	7	Cu.Cs	99.6	39	13	6
	62941	JUBA											

Station	At 1800 on Tues. 22nd: Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past 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	4	7	01	0	0	-	12.8	13	88	11	9
SIDI BARANI	340	11	35	01	2	3	Cb	12.6	14	67	8	8
MATRUH	370	5		01	1	4	Cu	9.6	17	68	11	0
EL DABA	320	9		01	1	4	Cu				9	
ALEXANDRIA	310	5	3	02	5	8	Fs,Fc	10.2	17	61	11	dr
FOUAD (Airport)	360	8	10	02	5	8	Ac	9.7	16	88	14	dr
DAMIETTA	290	9		02	2	8	Sc	9.9	18	83	15	0
PORT SAID	210	26	12	02	2	7	As	9.7	17	77	13	0
EL 'ARISH				02	2	8	St	7.0	18	68	12	0
DAMANHUR	360	9	7	02	5	8	As	10.4	17	77	13	dr
MANSURA	340	5	3	03	2	8	Sc.Cu	10.7	17	77	13	0
TANTA	270	5	15	02	2	8	Cb	10.6	19	64	12	0
ZAGAZIG	290	9	3	00	1	0	-	11.1	17	77	13	0
ISMAILIA	340	5	3	06	2	6	As	10.6	19	64	12	0
FAROUK (Airport)	360	16	15	02	2	8	Ac.Cu	11.0	19	73	14	dr
ALMAZA	20	13	12	03	2	8	As	10.6	18	73	13	0
EZBEKIYA	360	5	15	00	2	0	-	11.5	18	73	13	0
GIZA	360	5	15	00	2	0	-	10.7	18	71	13	0
HELWAN	340	13	35	06	5	8	Ac	10.3	19	64	12	dr
FAIYUM	20	8	35	01	2	5	Ac	9.4	20	56	11	0
MINYA	30	16	5	07	2	8	As	6.6	23	47	11	0
ASYUT												
NAG HAMMADI	00	0	7	00	0	0	-	6.0	25	47	13	0
QENA	270	2	7	00	0	0	-	7.4	27	42	13	0
LUXOR	00	0	12	00	0	0	-	6.6	29	23	6	0
ASWAN	00	0	50	00	0	0	-	6.6	33	12	0	0
SIWA	00	0	7	00	0	0	-	12.8	15	68	9	0
BAHARIYA	360	4	15	02	0	0	-	9.4	21	50	10	0
FARAFRA												
DAKHLA	90	9	7	00	0	0	-	4.8	30	21	5	0
KHARGA	00	0	15	00	0	0	-	6.2	29	23	6	0
SUEZ	360	16	7	01	0	0	-	11.0	20	56	11	0
TOR												
HURGHADA	120	11		01	1	1	Ac	9.0	22	69	16	0
QUSEIR	140	9	15	02	0	0	-	9.6	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												

Station	At 0600 on Wednesday 23rd: Wind Direction	Wind Velocity in 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	7	7	03	1	4	Ac	14.6		14	17		8		88	12	19		
SIDI BARANI	320	9	50	02	1	3	Cu	15.0		14			7		77	10	8	258	
MATRUH	330	5	12	03	1	5	Sc	14.3		12			8			8	R		
EL DABA	320	10		01	1	4	Cu									9			
ALEXANDRIA	360	10	50	03	5	6	Sc,Ac	13.3	-2.3	15	20	-2	14	+1	68	9	dr	251	178
FOUAD (Airport)	350	14	14	02	2	6	Sc	13.6		16	21		14		64	9	dr	253	136
DAMIETTA	360	5		01	5	7	Sc	13.1	-2.4	16	25		13		88	14	dr	315	99
PORT SAID	290	13	12	02	8	7	Cb,Ac	12.3		16	26		16		82	13	0.4	57	
EL 'ARISH	320	5	35	01	0	4	Cb	11.2	-4.5	17	23	+1			88	15	0		82
DAMANHUR	360	9	7	03	1	6	Cu	13.6	-2.2	16	23	-1	14	+4	68	10	dr	98	91
MANSURA	360	2	15	03	5	8	Cu,Sc	14.2	-1.5	16	26	+2	15	+5	88	14	dr	40	46
TANTA	270	8	15	02	2	8	Cb	13.9	-2.3	16	25	0	12	+3	77	12	0	28	34
ZAGAZIG	320	2	7	01	2	6	Ac	13.1	-2.7	17	27	+2	14	+5	88	15	0	17	24
ISMAILIA	340	9	3	02	2	8	As	12.3		17	30		16		77	13	dr	11	
FAROUK (Airport)	330	8	10	02	8	8	Sc	13.1		16	31				88	14	dr		
ALMAZA	40	10	14	02	2	8	Sc,As	12.8	-3.1	16	31		14		82	13	dr		
EZBEKIYA	320	9	15	03	9	8	Cb	13.1	-2.8	17	30	+5	15	+4	77	13	dr	8	22
GIZA	320	9	15	03	2	8	Cb	13.1	-3.2	16	30	+5	15	+6	85	14	0.2	14	21
HELWAN	340	13	15	03	2	8	St,Ac	12.8	-3.0	16	31	+6	15	+3	77	12	dr	15	23
FAIYUM	360	8	35	02	5	8	Fs,Fc	12.3	-3.8	17	32	+6	15	+5	77	13	dr	6	7
MINYA	20	18	10	00	0	0	-	11.2		17	32		16		68	11	0	5	
ASYUT	00	0	18	00	0	3	Ci	10.2		20	38		16		30	2	0	0	
NAG HAMMADI	320	3	3	00	0	0	-	9.4	-5.6	21	36		17		28	2	0	0	
QENA	270	5	15	00	0	0	-	8.3	-6.2	24	38	+6	15	+2	26	3	0	dr	
LUXOR	30	11	30	00	0	0	-	8.3		26	36		18		18	0	0	dr	
ASWAN	00	0	50	00	0	0	-	8.0	-6.2	24	39	+7	20	+4	36	8	0	dr	
SIWA	00	0	35	00	0	0	-	15.8	-1.6	13	23	-3	7	-2	77	9	0	dr	7
BAHARIYA	360	6	35	02	2	7	Ac	12.6	-3.9	16	34	+8	15?	+5	77	12	0	dr	7
FARAFRA																		dr	
DAKHLA	360	6	15	00	0	0	-	9.0	-6.8	21	38	+9	11	0	50	10	0	dr	
KHARGA	20	6	35	00	0	0	-	9.5	-5.7	21	37	+7	18	+6	50	10	0	0	
SUEZ	360	11	15	00	2	8	Ac	12.0	-3.8	18	28	+3	12	-1	73	13	0	12	14
TOR																			13
HURGHADA	00	0		00	0	0	-	9.5		21	26		16		65	14	0	7	
QUSEIR	160	13	15	02	0	0	-	7.9	-5.8	22	26		18	+1	44	9	0	0	4
PORT SUDAN	220	1	30	00	0	0	-	10.0		25	28		18		70	19	0	34	95
WADI HALFA	160	3	30	00	0	0	-	6.9		23	38		17		20	-1	0	tr	
ABU HAMAD	00	0	10	00	0	0	-	8.1		23	37		17		27	3	0		
KAREIMA	20	2	30	00	0	0	-	7.3		23	37		18		32	5	0	3	1
'ATBARA	70	9	30	00	0	0	-	7.7		24	38		18		28	4	0	7	2
KHARTUM	20	4	30	03	0	1	Ci	6.5		27	39		19		25	5	0	10	4
KASSALA	180	5	30	00	0	0	-	6.7		25	41		19		42	11	0	10	8
WAD MEDANI	90	5	50	00	0	0	-	5.6		26	40		17		21	2	0	11	12
RENK	50	5	50	00	0	0	-	5.6		24	39		18		47	13	0	0	49
ROSEIRES	360	5	35	00	0	0	-			23	42		18		41	9	0	3	38
EL OBEID	50	4	30	01	1	2	Ci	6.2		28	38		17		12	-4	0	11	16
EL FASHER	00	0	30	00	0	0	-			20	38		15		21	-3	0	0	6
GENEINA	50	1	10	00	0	0	-			20	39		17		21	-3	0		4
MALAKAL	50	5	30	03	2	8	Cs	5.5		29	39		21		25	7	0	70	92
WAU	00	0	30	02	1	7	Ci	5.1		28	41		23		58	19	0	267	166
JUBA	200	5	30	02	8	8	Sc,Ac,Cb	6.3		29	41		27		62	21	dr	150	183

HUMIDITY

Mean of day

Station	on 22nd %	Diff. from normal
Alexandria	71	+6
Ezbekiya	45	-14
Giza	48	-14
Helwân	36	-9

GIZA

GRASS MINIMUM TEMP. ON 23rd 13.0 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

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

Remarks

RAWINSONDE — On ... At ... AIRPORT

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

UPPER WIND OBSERVATIONS on 22nd

Height m.	Asyut Dir.	Asyut Vel.	Fouad A.P Dir.	Fouad A.P Vel.	Minya Dir.	Minya Vel.	Almaza Dir.	Almaza Vel.
Time	11 30		15		15		14	
300	150	19	320	27	340	13	350	12
600	180	28	320	22	330	20	340	15
1000	190	25	340	28	320	18	290	20
1500	240	28	140	3	240	10	200	21
2000					220	18	210	22
3000								
4000								
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 23rd

Height m.	Sidi Barani Dir.	Sidi Barani Vel.	Matruh Dir.	Matruh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arish Dir.	El 'Arish Vel.	Helwan Dir.	Helwan Vel.	Minya Dir.	Minya Vel.	Asyut Manqabad Dir.	Asyut Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswan Dir.	Aswan Vel.	Hurghada Dir.	Hurghada Vel.	Farouk A.P Dir.	Farouk A.P Vel.
Time	5				4						8		4				6		5				3	
300	320	9			340	17					350	19	360	40			260	12					340	15
600	320	6			330	15					20	17	10	40			170	7	70	13			350	16
1000					340	13					Ent. Cu		10	40			130	8	70	9			350	13
1500													10	42			210	13	70	11			270	12
2000																	220	7	100	9			230	21
3000																	240	23					220	43
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wadi Halfa Dir.	Wadi Halfa Vel.	Abu Hamad Dir.	Abu Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartum Dir.	Khartum Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fasher Dir.	El Fasher Vel.	Malakal Dir.	Malakal Vel.
Time	5		5		5		6				3 45				4				4 15		4 30		4	
300	40	15	20	20	20	12	10	19																
600	30	15	20	22	30	13	360	20			80	20			20	18								
1000	20	16	360	20	30	13	350	9			60	8			30	17			50	17	340	7	30	18
1500	20	15	330	15	30	31	210	23			360	7			40	9			50	11	70	9	30	6
2000	250	20	300	23			220	26			350	9			50	8			50	17			90	5
3000	280	20	270	23							50	10			70	8					30	9	110	9
4000	270	16													50	15							80	6
5000	250	35									330	15			40	22								
6000															350	11								
7000																								
8000																								

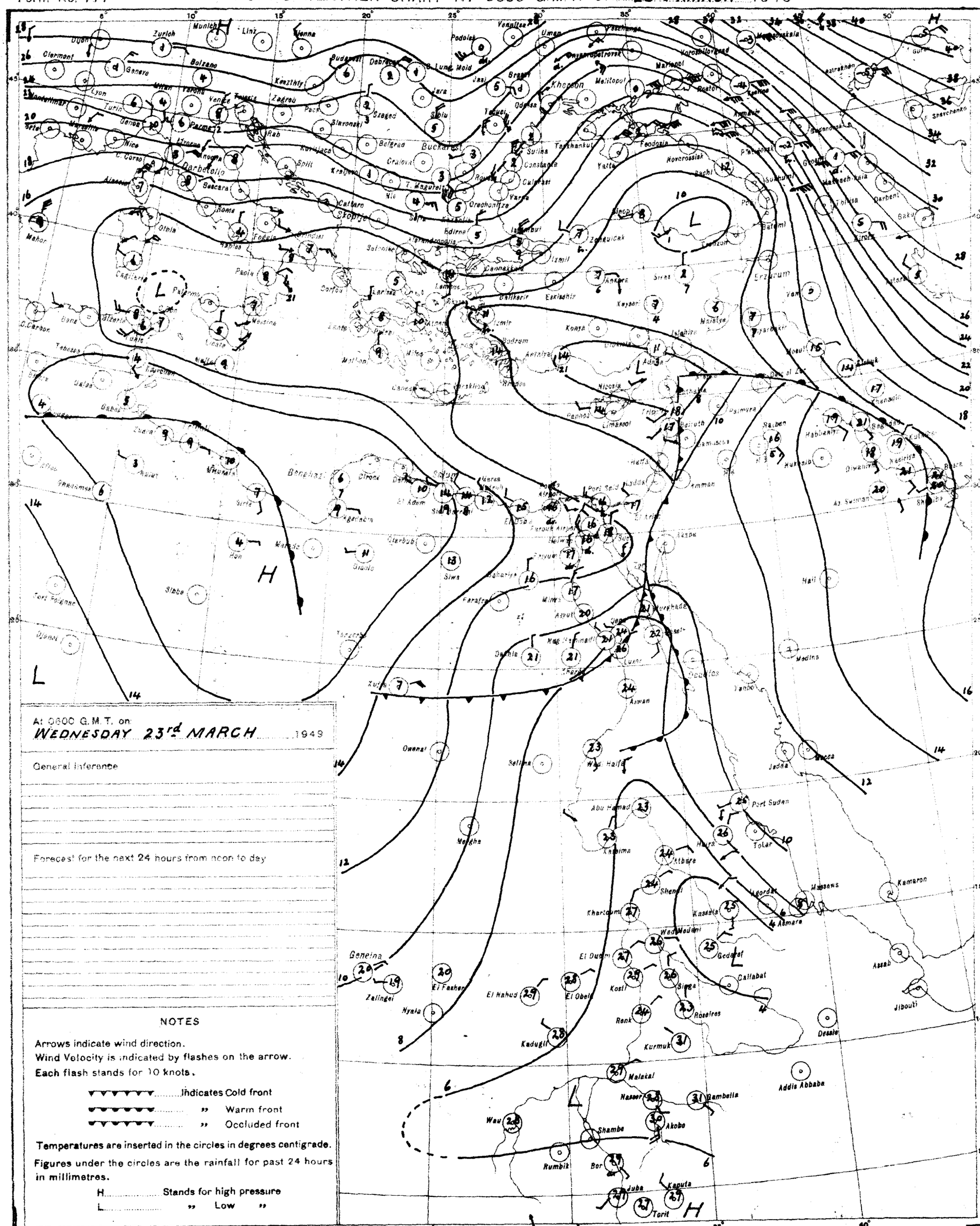
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 23rd MARCH 1949


Munich
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Linz
Vienna
Budapest
Debrecen
Bucharest
Belgrad
Sofia
Istanbul
Ankara
Athens
Palermo
Malta
Tripoli
Benghazi
Cairo
Khartoum
Port Sudan
Asmara
Addis Abbaba
Nairobi
Kampala
Juba
Kaputa
Tokar
Kassala
Gedaref
Wad Medani
Khartoum
Kosti
Kurmuk
Malakal
Nasser
Gambella
Akobo
Shambe
Rumbik
Bor
Torit
Wau
Geneina
Zalingei
Nyala
El Fasher
El Nahud
El Obeid
Kadugli
Rank
Roseires
Singa
Callabat
Asmara
Massawa
Kamaran
Assab
Jibouti
Dessie
Jedda
Medina
Port Suden
Abu Hamad
Wadi Halfa
Aswan
Luxor
Asyut
Minia
Beni Suef
Cairo
Alexandria
Tripoli
Benghazi
Tobruk
Nicosia
Beirut
Damascus
Jerusalem
Amman
Baghdad
Basra
Teheran
Tiflis
Baku
Erzerum
Van
Mosul
Aleppo
Konya
Izmir
Rhodes
Crete
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Palermo
Messina
Naples
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Florence
Milan
Turin
Genoa
Marseille
Nice
Lyon
Clermont
Dijon
Geneve
Bolzano
Venice
Trieste
Zagreb
Szeged
Sibiu
Jassy
Odessa
Kherson
Sulina
Constanta
Varna
Sofia
Salonika
Smyrna
Sevastopol
Feodosia
Yalta
Novorossiisk
Sochi
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Tiflis
Baku
Astrakhan
Rostov
Taganrog
Mariupol
Voroshilovgrad
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Addis Abbaba
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Gambella
Kurmuk
Kosti
Rank
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Singa
Callabat
Gedaref
Kassala
Asmara
Massawa
Kamaran
Assab
Jibouti
Dessie
Addis Abbaba
Nairobi
Kampala
Juba
Kaputa
Torit
Geneina
Zalingei
Nyala
El Fasher
El Nahud
El Obeid
Kadugli
Wad Medani
Khartoum
Port Sudan
Tokar
Jedda
Medina
Luxor
Aswan
Asyut
Minia
Beni Suef
Cairo
Alexandria
Tripoli
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Sevastopol
Feodosia
Yalta
Novorossiisk
Sochi
Batumi
Tiflis
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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 No. 7 F.

DAILY WEATHER REPORT

Date: THURSDAY 24th MARCH, 1948

At 1200 on Wed 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
SALUM	320	7	7	03	2	8	Ac	14.2	17	60	9	
SIDI BARANI	320	8	50	03	1	7	Sc,Ac	14.7	16	68	10	
MATRUH	360	3	18	01	1	2	Sc	14.2	17	56	8	
EL DABA	270	10		01	1	3	Cu			49		
ALEXANDRIA	310	11	50	01	2	4	Sc,Cu	12.8	17	52	7	
TOUSSUM (Ismailia)	320	10	18	02	1	4	Sc,Ci	12.8	18	46	6	
DAMIETTA	360	5	15	01	1	3	Cu	12.6	17	68	11	
PORT SAID	330	13	36	01	0	2	Sc,Ci	12.4	17	77	13	
EL ARISH	360	9	35	02	1	4	Cu	11.6	18	88	16	
DEMANHUR	360	9	15	01	1	1	Cu	13.1	19	52	9	
MANSURA	320	5	35	02	2	4	Cu	12.2	21	57	12	
TANTA	310	5	35	01	1	5	Cu	12.0	21	50	10	
ZAGAZIG	320	2	7	02	1	4	Ac	10.8	22	65	15	
ISMAILIA	360	5	3	03	2	8	Sc	11.1	24	47	12	
CAIRO (Abbassia)	340	10	30	02	2	7	Cu,Ci	11.3	21	57	12	
CAIRO (Helwan)	20	8	30	03	2	8	Sc	11.0	21	50	10	
CAIRO (Heliopolis)	360	4	15	03	2	7	Cu,Ac,Ci	11.5	21	57	12	
CAIRO (Kasr El Dubara)	360	4	15	03	2	7	Cu,Ac,Ci	11.8	21	56	11	
CAIRO (Giza)	340	8	15	03	2	8	Cu,Ci	11.1	22	50	11	
FAYOUM	20	8	35	02	2	8	St	10.6	23	44	10	
BENI SUEF	20	15	12	00	0	0	-	10.1	24	54	14	
MINIA	360	5	18	00	0	0	-	7.4	28	42	14	
ASSIUT	320	5	7	00	0	0	-	6.0	30	35	13	
SOHAG	270	5	50	00	0	0	-	5.9	34	22	9	
KENA	90	2	30	00	0	0	-	5.0	36	17	7	
QUSEIR	160	1	50	00	0	0	-	4.6	38	9	0	
ASWAN	00	0	35	00	0	0	-	15.8	21	41	7	
WADI HALFA	360	4	35	02	1	0	-	11.4	23	38	8	
ABU HAMAD	320	8	35	00	0	0	-	7.8	28	27	7	
KORTI	20	2	15	00	0	0	-	8.2	30	25	8	
SINAWAN	360	10	35	02	0	8	Ac	10.3	23	50	12	
SIWA	310	8		03	0	1	Ci	8.4	23	69	17	
BAHARIYA	360	13	15	02	0	0	-	7.9	24	84	21	
DAKHLA	80	12	30	02	0	1	Cu,Ac	7.0	29	59	20	
KHARGA	110	4	30	00	0	0	-	5.1	38	7	-3	
WADI HALFA	00	0	30	00	0	0	-	2.8	39	10	2	
ABU HAMAD	70	2	30	00	0	0	-	3.0	39	10	2	
KORTI	360	2	30	00	0	0	-	2.0	39	10	2	
KHARTUM	20	4	30	02	0	0	-	1.3	40	12	6	
ATBARA	270	2	50	00	0	0	-	99.1	41	10	4	
KASSALA	310	5	50	01	1	4	Ci	1.1	42	8	1	
EL OBEID	340	2	35	00	0	0	-		40	16	10	
FASHER	50	3	30	02	0	1	Ci	1.0	39	4	-10	
NAHUD	70	12	30	00	0	0		1.4	37	9	-1	
GEBEIN	90	4	30	02	2	8	Cs	0.6	40	7	-2	
MALAKAL	00	0	30	02	1	5	Cu,Ci	0.4	39	21	13	
WAU	90	2	50	02	8	8	Cu,Ac	1.4	36	40	20	

At 1800 on Wed 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
SALUM	320	9	7	02	2	8	Ac,Ac	15.1	14	77	10	0
SIDI BARANI	320	5	35	01	1	5	Sc,Cu	15.1	13	77	9	0
MATRUH	350	10	12	02	2	4	Sc	14.2	14	55	5	0
EL DABA	310	9		01	0	0	—		16	49	5	0
ALEXANDRIA	310	5	3	03	2	6	St	14.4	16	59	8	0
TOUSSUM (Ismailia)	320	9	12	02	1	6	Sc	14.1	15	55	6	0
DAMIETTA	290	2		01	1	1	Cu	13.4	15	68	9	0
PORT SAID	350	9	15	02	0	1	Cu	13.0	15	59	7	0
EL ARISH	360	9	7	01	0	0	—	13.0	16			0
DEMANHUR	360	9	15	02	1	1	Cu	13.9	13	72	8	0
MANSURA	340	5	3	00	1	0	-	13.8	14	67	8	0
TANTA	270	2	35	01	1	3	Cu	15.1	14	67	8	0
ZAGAZIG	340	9	3	00	1	0	-	13.0	15	62	9	0
ISMAILIA	20	9	3	00	2	8	Sc	12.8	15	68	9	0
CAIRO (Abbassia)	20	12	10	02	1	4	Ac,Ci	12.4	17	77	13	0
CAIRO (Helwan)	40	13	13	03	1	5	Sc	12.7	17	65	10	0
CAIRO (Heliopolis)	360	3	15	01	2	1	Ac	12.8	17	60	9	0
CAIRO (Kasr El Dubara)	360	3	15	01	2	1	Ac	13.0	17	62	10	0
CAIRO (Giza)	340	12	15	01	0	0	-	12.7	17	60	9	0
FAYOUM	20	2	35	02	2	2	St	11.2	18	60	10	0
BENI SUEF	30	5	8	00	0	0	-	11.2	17	72	12	0
MINIA												
ASSIUT	290	5	7	00	0	3	As	6.8	22	50	11	0
SOHAG	240	9	7	00	0	0	-	6.7	26	42	12	0
KENA	00	0	30	00	0	0	-	7.1	27	23	2	0
QUSEIR	340	10	50	00	0	0	-	5.8	33	7	-7	0
ASWAN	00	0	7	00	0	0	-	16.3	16	59	8	0
WADI HALFA	320	3	15	02	0	0	-	12.0	20	33	3	0
ABU HAMAD	320	3	35	00	0	0	-	10.0?	24	26	3	0
KORTI	360	2	15	00	0	0	-	7.6	24	32	6	0
SINAWAN	360	6	7	01	0	0	-	11.9	17	68	11	0
SIWA	80	16		00	0	0	-	7.9	23	65	16	0
BAHARIYA	360	9	15	02	0	0	-	7.9	22	88	20	0
DAKHLA												
KHARGA												
WADI HALFA												
ABU HAMAD												
KORTI												
KHARTUM												
ATBARA												
KASSALA												
EL OBEID												
FASHER												
NAHUD												
GEBEIN												
MALAKAL												
WAU												

At 0600 on THURSDAY 24th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	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	10	7	01	2	7	Ac	15.9		13	19		7		73	9	0		
SIDI BARANI	320	12	50	03	2	6	Sc,Ac,Ci	16.0		14	16		10		77	10	0	258	
MATRUH	300	10	12	03	1	3	Sc	15.6			17		9			8	0		
EL DABA	270	10		01	0	0	—	15.5		15			9		68	9	0	157	
ALEXANDRIA	240	10	50	03	2	7	Ac	15.1	-0.4	15	19	-3	14	+1	63	9	0	261	179
TOUSSUM (Ismailia)	280	9	18	01	0	6	Sc,Ac,Ci	14.7		16	19		12		59	8	0	253	126
DAMIETTA	220	5		03	2	7	Sc	14.6	-0.8	14	18		9		77	10	0	315	99
PORT SAID	260	6	14	02	1	7	Sc,Ac,Ci	14.3		16	18		13		59	8	0	57	
EL ARISH			35	03	2	7	Cu	14.3	-1.3	17							0		82
DEMANHUR	310	9	7	02	1	1	Ac	14.7	-1.0	15	20	-4	10	0	68	9	0	98	91
MANSURA	270	5	15	03	2	8	Sc,Cu	15.1	-0.6	13	23	-1	9	-1	77	9	0	40	47
TANTA	220	2	35	03	1	6	Cu	15.8	-0.3	12	22	-3	7	-2	88	10	0	28	34
ZAGAZIG	220	2	3	03	1	8	Cu,Sc	15.4	-0.3	13	24	-1	10	+1	77	9	0	17	24
ISMAILIA	250	2	3	00	2	8	Sc	15.0		15	24		12		59	2	0	11	
CAIRO (Abbassia)	250	7	8	05	1	3	Ac	15.6		14	21		11		67	8	0		
CAIRO (Helwan)	290	6	13	01	0	2	Ac,Ci	15.4	-0.4	15	22		10		59	7	0		
CAIRO (Heliopolis)	340	2	15	03	0	2	Sc	16.0	+0.2	14	22	-4	11	0	55	5	0	8	22
CAIRO (Kasr El Dubara)	340	2	15	03	0	2	Sc	15.9	-0.3	15	22	-3	8	-1	60	7	0	14	21
CAIRO (Giza)	00	0	3	06	0	2	Ac,Ci	15.9	+0.2	13	22	-3	10	-2	67	7	0	15	23
FAYOUM	00	0	35	02	1	2	St	15.9	-0.1	15	23	-3	11	+1	59	7	0	6	7
BENI SUEF	20	6	10	03	0	4	Ac,Ci	15.7		13	24		9		72	8	0	5	
MINIA	320	3	30	00	0	1	Ci	14.9		14	28		12		77	10	0	0	
ASSIUT	270	2	3	02	2	8	Ac,Ci	13.9	-1.0	17	31		14		68	11	0	0	
SOHAG	270	5	15	03	0	4	Ci	12.7	-1.7	25	36	+4	16	+3	28	5	0	dr	
KENA											37							dr	
QUSEIR	360	11	50	02	0	4	Sc,Cu	11.9	-2.2	22			20	+4	50	11	0	dr	
ASWAN	00	0	35	00	0	0	—	18.4	+1.1	13	22	-4	7	-2	77	9	0	dr	7
WADI HALFA	00	0	35	02	1	4	Ac	16.6	+0.1	13	25	-2	10	0	67	7	0	dr	7
ABU HAMAD	00	0	35	00	0	0	—	14.2	-1.5	17	29	-1	14	+3	[illegible]	4	0	dr	
KORTI	20	11	35	00	0	4	Ac	13.9	-1.2	15	32	+2	15	+3	57	7	0	0	
SINAWAN	360	4	35	00	0	3	Cu	15.5	-0.2	15	24	-1	11	-2	59	7	0	12	14
SIWA	310	24		02	0	8	Cs	12.5		18	24		13		78	14	0	dr	13
BAHARIYA	360	19	15	00	1	4	Cs	11.6	-2.0	21	26		19?	+2	65	14	0	7	
DAKHLA	110	5	30	03	0	3	Cu,Ac,Ci	9.0		27	30		22		79	23	0	0	4
KHARGA	360	18	10	07	0	0	—	10.1		23	41		19		36	7	0	34	95
WADI HALFA	50	5	30	03	0	3	Ci	6.5		26	40		19		46	-2	0		
ABU HAMAD	50	2	30	00	0	0	—	7.1		25	41		21		39	0	0	3	1
KORTI	340	5	30	00	0	0	—	6.6		27	40		20		28	7	0	7	2
SINAWAN																		10	4
SIWA																		10	8
BAHARIYA																			
DAKHLA																			
KHARGA																		11	12
WADI HALFA																		0	49
ABU HAMAD	360	2	35	00	0	0	—			25	43		20		36	9	0	3	38
KORTI	20	3	30	00	0	1	Ci	5.2		27	39		18		9	-8	0	11	16
KHARTUM	350	2	30	00	0	1	Ci			22	39		16		19	-3	0	0	6
ATBARA	50	2	30	00	0	0	—			23	40		16		15	-5	0		4
KASSALA	130	2	30	00	0	0	—	5.5		30	41		22		35	13	0	70	92
EL OBEID	00	0	30	00	0	1	Ci	6.3		28	41		23		42	14	0	267	167
FASHER	130	5	30	03	2	8	Ac,Cs	4.4		33	39		23		44	19	0	150	134
NAHUD																			
GEBEIN																			
MALAKAL																			
WAU																			

23rd
63 -2
68 +9
70 +9
64 +19

24th 4.6

Remarks

UPPER AIR OBSERVATIONS on 23rd

Height	Found. A.P. 15 Dir.	Vel.	Dir.	Vel.	Minya 15 Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
500	320	10			350	26																				
600	330	12			350	23																				
1000	330	10			340	23																				
1500					320	23																				
2000					310	36																				
3000																										
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 24th

Station	Kasr Aswan		Minya		Assiut		Sohag		Kena		Quseir		Aswan		Kurkur	
Time	5				4				6 30		3		6 30		5	
Height m	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
500	300	14			300	19			310	4	10	25	360	11	360	12
600	310	16			290	16			310	9	10	36	340	13	10	24
1000					300	21			340	14	10	40	340	28	10	32
1500					300	23			340	17	340	27	280	10	350	24
2000					300	16			320	26	310	23	270	27	200	11
3000					270	22										
4000																
5000																
6000																
7000																
8000																

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	5		5		5		5		4				4				4		4 15		4 30		4	
Height m	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
500	360	19	20	11	60	3	10	19	360	17														
600	360	16	20	18	30	8	360	22	20	25			30	16			40	6					350	9
1000	330	12	10	40	350	18	340	17	10	21			30	11			20	10	50	22	30	11	200	16
1500	330	19	340	31	310	29			10	7			50	11			40	13	40	11	60	19	150	15
2000	320	23	330	27	320	31			260	9			50	10			70	12					110	9
3000	300	30	320	26					260	10			310	10			310	4			360	5	50	13
4000	300	37											330	15			250	9						
5000																								
6000																								
7000																								
8000																								

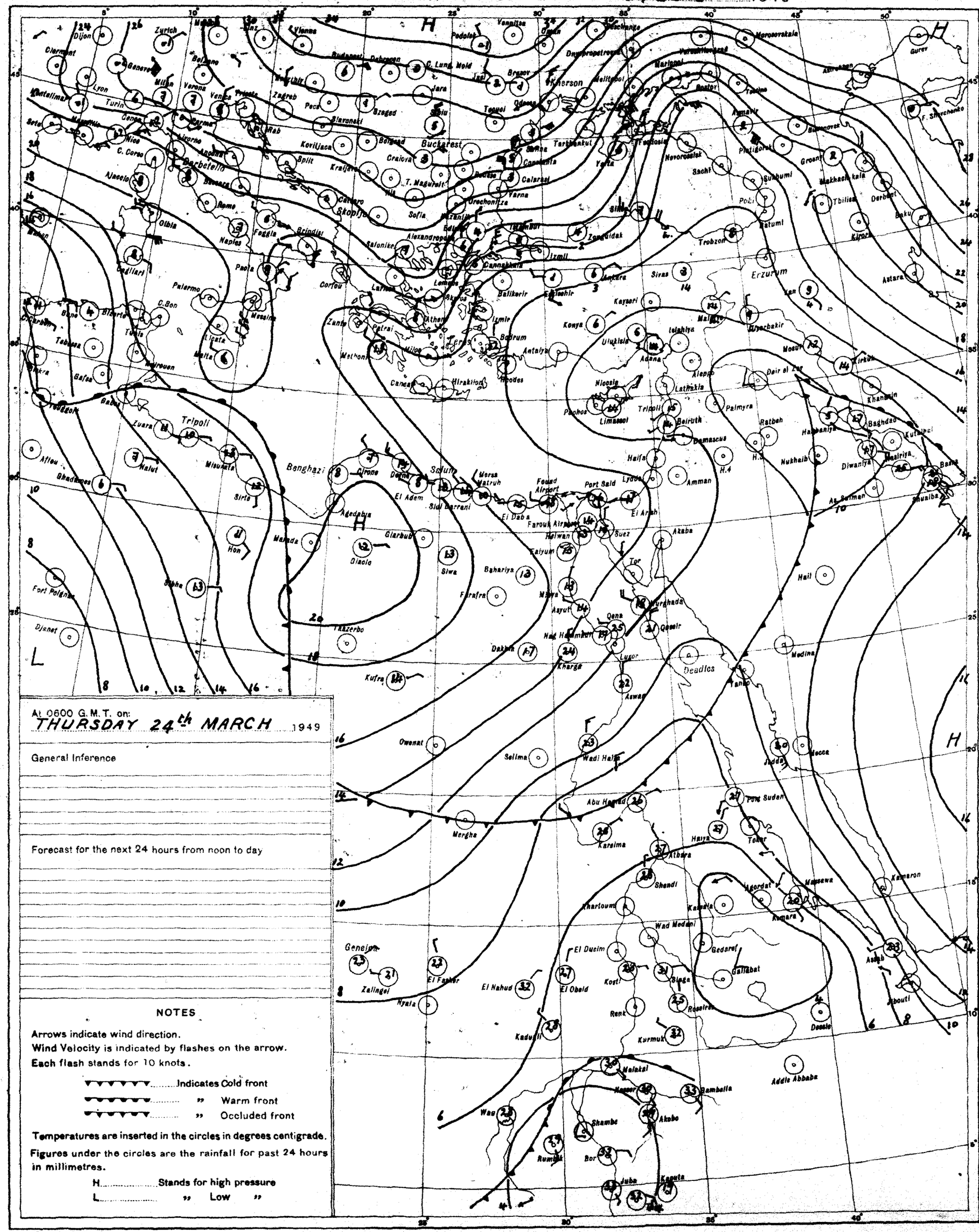
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

K. N.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 24 3 1949



At 0600 G.M.T. on:
THURSDAY 24th MARCH 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

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

Indicates Cold front
" Warm front
" Occluded front

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

H Stands for high pressure
L " Low "

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th " " "	2
3/8 " " " "	3
4/8 " " " "	4
5/8 " " " "	5
6/8 " " " "	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 03 54 G.M.T.

" " Sunset 16 09 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: FRIDAY 25th MARCH, 1949

At 1200 on Thursday

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
Mediterranean	62300	SALUM	290	10	7	03	2	8	C.Sc	16.2	17	60	9	0
	62303	SIDI BARRANI	320	13	50	03	2	8	C.Ac	16.7	15	77	11	0
	62306	MATRUH	350	16	14	02	1	6	Sc.Ac	15.7	16	77	12	330
	62309	EL DABA	290	13		01	1	4	Cu		17	52	7	290
		ALEXANDRIA	270	11	50	02	5	4	C.Sc	14.4	17	52	7	310
	62315	FOUAD (Airport)	270	18	15	02	2	6	Sc.Cu	14.5	18	52	8	290
	62318	DAMIETTA	320	9	15	01	1	2	Cu	14.3	18	60	10	290
	62333	PORT SAID	350	10	30	02	2	5	C.Sc	13.9	17	56	8	320
	62336	EL 'ARISH	340	9	35	01	0	3	Cu	13.9	18	52	8	320
Western Desert	62339	DAMANHUR	310	13	15	03	1	6	Cu	14.7	18	60	10	310
	62342	MANSURA	340	5	35	03	2	6	Sc.Cu	13.8	19	46	7	320
	62345	TANTA	310	5	35	01	1	5	Cu	13.5	20	46	8	310
	62354	ZAGAZIG	320	5	7	02	1	4	Ac	13.5	20	56	11	
	62411	ISMAILIA	250	9		02	2	6	Sc	13.9	19	37	4	290
Cairo Area	62366	FAROUK (Airport)	290	9	30	02	2	8	Cu,Ci	13.7	19	56	10	320
	62372	ALMAZA	340	8	30	02	2	8	Sc	13.9	20	46	8	360
		HELIOPOLIS	360	4	15	03	0	2	Cu,Ci	14.0	20	41	6	360
		GIZA	360	4	15	03	0	2	Cu,Ci	14.2	20	39	5	360
	62378	HELWAN	290	4	35	03	2	7	C.Cc	14.2	19	37	4	330
Fayum	62381	FAYOUM	330	8	35	03	2	8	St	14.8	20	33	3	330
	62387	KARON	10	14	14	03	1	5	Ac.Ci	14.3	22	29	3	20
Upper Egypt	62393	ASYUT (Airport)	320	13	30	02	1	1	Ci	12.8	22	21	-1	
	62399	NAG HAMMADI	320	6	15	02	1	5	Ac.Ci	10.7	26	30	7	270
	62402	QENA	290	5	35	01	1	2	Ci	10.3	28	23	5	290
	62405	LUXOR	180	2	30	01	1	3	Ci	9.9	27	25	5	140
	62414	ASWAN	360	13	50	01	1	4	Sc.Cu	8.0	30	25	8	360
Oasis	62417	SIWA	00	0	35	03	2	8	Ac	18.3	19	30	1	00
	62420	BAHARIYA	360	2	35	03	2	7	Ac	15.6	20	33	3	320
	62423	FARAFRA												
	62432	DAKHLA	320	11		00	0	0	-	12.0	23	32	5	320
	62435	KHARGA	20	4	35	01	1	2	Cc	12.4	24	21	5	340
Sudan	62450	SIWA	360	9	50	03	0	5	Cu	13.0	22	29	3	360
	62459	TOKAR												
	62462	KHARTOUM	340	18		01	2	7	Ac	10.9	20	60	12	300
	62465	DONGOLA	360	19	15	03	2	6	As	11.2	23	50	12	330
	62467	PORT SUDAN	90	12	30	00	0	0	-	5.4	30	66	23	
	62510	WAD HALFA	20	20	10	07	1	1	Ci	7.4	32	17	4	
	62540	ABU HAMAD	50	2	30	02	0	1	Ci	2.1	39	12	4	
	62560	KAREIMA	00	0	30	00	0	0	-	2.5	40	11	4	
	62580	ATBARA	70	2	30	00	0	0	-	0.6	41	7	-2	
	62701	KHARTOUM	40	12	30	02	0	0	-	0.5	41	16	10	
	62750	KASSALA	310	2	30	00	0	1	C.Ac	997.6	43	15	11	
Equatorial Nile Valley	62751	WAD MEDANI												
	62801	KOSTI	50	5	50	00	0	0	-	998.8	42	11	5	
	62802	ROSEIRES												
	62771	EL OBEID	90	5	30	00	0	0	-	999.7	40	6	-5	
	62760	EL FASHER												
	62770	NYALA	110	1	30	02	1	7	Cs		39	4	-10	
Equatorial Lakes	62946	MALAKAL	340	7	30	02	1	4	Cu	0.1	40	16	10	
	62880	WAU	00	0	30	01	0	3	Cu	998.4	41	15	9	
	62947	JUBA	110	5	30	03	2	5	Cu.Ac	998.7	39	23	14	

At 1800 on Thursday

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past 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	4	7	01	0	0	-	16.8	13	88	11	0
SIDI BARRANI	320	10	35	01	1	3	Cu	17.4	14	77	10	0
MATRUH	320	11	12	02	1	2	Sc	15.8	14	63	7	0
EL DABA	290	10		01	0	0	—		16	49	5	0
ALEXANDRIA	310	9	3	01	2	3	Sc.Ac	15.5	15	68	9	dr
FOUAD (Airport)	290	14	14	01	2	1	Sc	14.6	14	67	8	0
DAMIETTA	290			03	2	6	C.Sc	13.9	16	68	10	0
PORT SAID	320	15	15	02	1	5	Ac,Ci	13.9	16	68	10	0
EL 'ARISH	320	2	12	01	0	1	Cu		15	77	11	0
DAMANHUR	310	9	15	01	1	2	Cu	15.0	13	77	9	0
MANSURA	320	5	3	00	1	0	-	14.8	15	68	9	0
TANTA	310	2	35	02	1	5	Cu	14.9	13	67	7	0
ZAGAZIG												
ISMAILIA	290	5		01	1	3	Sc	14.2	16	49	5	0
FAROUK (Airport)	320	7	10	02	2	8	Ci	14.9	16			0
ALMAZA	360	9	18	02	2	8	Ac	15.0	16	59	8	0
HELIOPOLIS	360	3	15	03	2	8	Sc	15.0	16	59	8	0
GIZA	360	3	15	03	2	8	Sc	14.8	16	59	8	0
HELWAN	330	11	15	02	2	7	Ac	15.1	16	49	5	0
FAYOUM	330	2	35	02	2	8	St	14.8	17	52	7	0
KARON	20	3	10	01	2	3	Ac	15.8	14	59	6	0
ASYUT (Airport)	20	3	10	01	2	3	Ac	15.8	14	59	6	0
NAG HAMMADI	270	4	3	02	2	7	Ac.Ci	12.2	19	46	7	0
QENA	290	9	7	02	1	2	Ci	11.9	22	29	3	0
LUXOR	140	8	10	03	2	8	Sc	11.6	22	31	4	0
ASWAN	360	10	50	00	0	0	-	11.4	27	27	6	0
SIWA	00	0	7	00	0	0	-	17.5	15	39	1	0
BAHARIYA	320	2	15	01	2	4	Ac	15.5	17	34	1	0
FARAFRA												
DAKHLA	320	7		00	0	1	St	13.3	21	26	1	0
KHARGA	340	2	15	00	0	0	-	13.6	21	26	1	0
SIWA	360	10	7	01	0	0	-	13.9	18	52	8	0
TOKAR												
KHARTOUM	300	26		01	1	8	Ac.Ci	10.3	20	49	9	0
DONGOLA	330	19	15	01	1	0	-	11.2	21	57	12	
PORT SUDAN												
WAD HALFA												
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTOUM												
KASSALA												
WAD MEDANI												
KOSTI												
ROSEIRES												
EL OBEID												
EL FASHER												
NYALA												
MALAKAL												
WAU												
JUBA												

At 0600 on FRIDAY 25th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs.	Temp. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
SALUM	270	8	7	02	0	0	-	16.7		13	18				77	9	0		
SIDI BARRANI	320	9	50	03	1	4	Cu	17.0		14	16		12		77	10	0	258	
MATRUH	350	15	14	02	1	4	Sc	16.1		14	18		9		59	6	0		
EL DABA	320	19		01	1	6	Cu			15			10		59	7	0	159	
ALEXANDRIA											18	-4					dr	251	179
FOUAD (Airport)	280	16	18	02	2	6	Sc.Ac	14.1		15	18		13		63	8	0	253	136
DAMIETTA	220	5		01	1	3	C6	13.8	-1.5	15	18				77	11	0	315	99
PORT SAID	250	15	9	25	5	2	C6	13.8		14	19		12		77	10	dr	57	
EL 'ARISH	220	2	35	03	5	3	C6	14.2	-1.3	17	19	-3	11	0	68	11	dr		82
DAMANHUR	310	9	7	03	1	8	As	15.6	0.0	14	20	-4	10	0	77	10	0	98	92
MANSURA	220	5	35	03	2	6	Sc.Cu	14.6	-1.1	14	21	-3	9	-1	77	10	0	40	47
TANTA	270	8	35	03	2	7	C6	15.9	-0.1	16	20	-5	6	-3	68	10	0	28	34
ZAGAZIG	220	5	7	00	1	0	-	14.7	-1.0	13			8	-1	95	13	0	17	24
ISMAILIA	20	5	7	02	2	4	C6,Cc	14.4		13	21		10		67	7	0	11	
FAROUK (Airport)	200	10	12	01	0	2	Cu	15.2		13	20				72	8	0		
ALMAZA	260	9	11	00	0	0	—	15.4	-0.4	14	21		9		72	9	0		
HELIOPOLIS	270	13	15	00	0	0	—	15.6	-0.2	13	20	-6	10	-1	67	7	0	8	22
GIZA	270	13	15	00	0	0	—	15.6	-0.6	17	21	-4	7	-2	61	9	0	14	21
HELWAN	00	0	3	06	0	6	Ac.Cc	15.4	+0.3	12	20	-5	9	-3	77	8	0	15	23
FAYOUM	00	0	35	01	0	0	-	16.3	+0.3	14	21	-5	10	-1	67	8	0	6	7
KARON	20	6	10	00	0	0	-	16.5		12	22		7		77	8	0	5	
ASYUT (Airport)	320	5	18	00	0	0	-	15.9		14	24		10		59	6	0	0	4
NAG HAMMADI	00	0	7	00	0	0	-	14.2	-0.6	17	26		10		52	7	0	0	
QENA	40	2	15	02	1	2	Ci	13.9	-0.5	20	30	-2	12	-1	33	3	0	dr	
LUXOR	00	0	30	01	2	1	Ci	13.6		18	28		11		46	6	0	dr	
ASWAN	360	10	7	03	2	7	Sc.Cu	13.9	-0.1	18	32	0	10	-6	49	7	0	dr	
SIWA	00	0	35	00	0	0	-	18.4	+1.2	12	20	-6	7	-2	63	5	0	dr	7
BAHARIYA	360	3	35	02	0	0	-	17.2	+0.8	13	21	-6	7	-3	67	7	0	dr	7
FARAFRA																		dr	
DAKHLA	360	6	35	00	0	1	St	15.0	-1.6	16	24	-6	12	+1	42	3	0	dr	
KHARGA	20	4	35	00	0	0	-	14.4	-0.6	16	25	-5	13	+1	49	5	0	0	
SIWA	00	0	35	00	0	2	Cu	15.2	-0.5	17	23	-2	11	-2	60	9	0	12	14
TOKAR																		dr	13
KHARTOUM	310	23		00	0	0	-	13.0		17	21		16		88	15	0	7	
DONGOLA											23	-3						0	4
PORT SUDAN	360	9	30	02	2	7	Sc	9.2		25	31		23		84	22	0	34	95
WAD HALFA																		tr	
ABU HAMAD	50	19	30	03	1	4	Cc	6.8		26	41		21		16	-2	0	0	
KAREIMA	50	3	30	01	0	3	Ci	7.8		25	41		21		24	3	0	3	1
ATBARA	360	5	30	00	0	1	Ci	4.8		27	42		23		37	11	0	7	2
KHARTOUM	20	8	30	02	0	0	-	5.1		28			23		29	8	0	10	4
KASSALA																		10	8
WAD MEDANI	50	19	50	00	0	0	-	4.0		30	43		23		18	3	0	11	12
KOSTI	50	5	50	00	0	0	-	5.9		32	42		20		21	7	0	0	49
ROSEIRES	270	2	35	00	0	0	-			30	43		22		22	6	0	3	38
EL OBEID	340	9	30	00	0	0	-	6.2		25	41		20		18	-1	0	11	16
EL FASHER	360	5	30	00	0	0	-			23	40		18		24	1	0	0	6
NYALA	20	13	10	00	0	1				25	41		17		16	-3	0	0	4
MALAKAL	180	3	30	03	1	4	Ac.Ci	4.4		32	41		25		36	15	0	70	92
WAU	00	0	30	02	1	7	Ac.Ci	4.2		30	42		25		40	15	0	267	168
JUBA	160	2	30	03	8	7	Ac.Cs	4.0		31	41		25		43	17	dr	150	185

UPPER AIR OBSERVATIONS

RAWINSONDE

Station: 24th

	Time	Dir.	Vel.
Alexandria			
Erbakiya	55	-4	
Giza	56	-5	
Helwan	55	+10	

GIZA

Grass Minimum Temperature: 25th 3.3 °C

Remarks

Height m	Alexandria Airport Gr. Dir.	Gr. Vel.	At Dir.	At Vel.	Giza Gr. Dir.	Gr. Vel.	At Dir.	At Vel.	Helwan Airport Gr. Dir.	Gr. Vel.	At Dir.	At Vel.	Helwan Airport Pressure mbs	Height above M.S.L.	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000													1000					
950													950					
900													900					
850													850					
800													800					
700													700					
600													600					
500													500					
400													400					
300													300					

Remarks

UPPER WIND OBSERVATIONS on 24th

Height m	Minya Dir.	Vel.	Almaza Dir.	Vel.
	15		14	
300	360	13	270	12
600	360	14	240	16
1000	350	17	230	13
1500	340	17	270	14
2000	320	17	270	13
3000				
4000				
5000				
6000				
7000				
8000				

UPPER WIND OBSERVATIONS on 25th

Height m	Port Said Dir.	Vel.	Mersa Matruh Dir.	Vel.	Kolar Kafra Dir.	Vel.	Port Said Dir.	Vel.	El Arish Dir.	Vel.	Helwan Dir.	Vel.	Minya Dir.	Vel.	Mersa Matruh Dir.	Vel.	Almaza Dir.	Vel.	Aswan Dir.	Vel.	Khartoum Dir.	Vel.	Almaza Dir.	Vel.
Time	5				4								3				5 15						8 30	
300	330	18			300	22							360	29			350	7					290	9
600	320	18			300	29							360	30			360	15					280	8
1000	320	17			300	23							10	36			340	18					300	12
1500	320	14			300	17							✓				✓						✓	
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Height m	Siwa Dir.	Vel.	Bahariya Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Wadi Halfa Dir.	Vel.	Abu Hamad Dir.	Vel.	Kareima Dir.	Vel.	Khartoum Dir.	Vel.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fasher Dir.	Vel.	Malakal Dir.	Vel.
Time	5		5		5		6				3 45		4				4						4	
300	10	18	350	13	10	8	20	13																
600	10	21	350	16	350	6	10	25			60	22	40	20			90	7					150	4
1000	10	14	330	18	340	16	360	23			70	17	50	18			10	14					160	17
1500	330	23	320	36	320	18	330	20			350	7	20	10			60	12					130	4
2000	330	32	300	22	330	23	300	25			320	3	330	7									340	7
3000	300	35									300	12	310	9			20	17					360	14
4000	330	31															30	6						
5000																	250	3						
6000																	30	2						
7000																								
8000																								

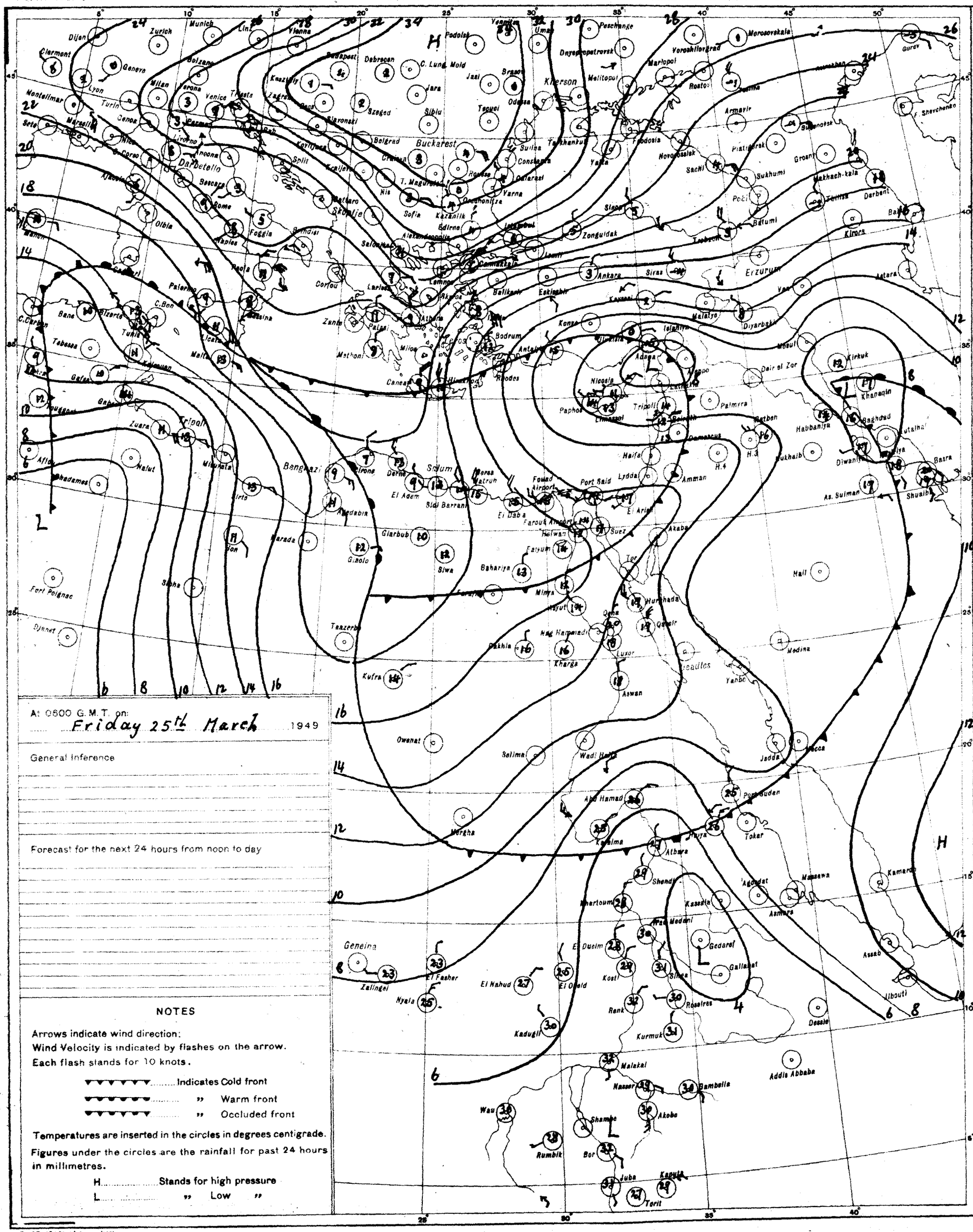
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450)

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 25. 3. 1949


Buckarest
Kherson
Darbetelin
Skopije
Benghazi
Salum
Geneina
Khartoum
Gedaref
Addis Abbaba
Asmara
Massawa
Port Sudan
Wadi Halfa
Aswan
Luxor
Khartoum
Juba
Kassala
Medina
Jedda
Mecca
Baghdad
Basra
Erzurum
Ankara
Athens
Cairo
Alexandria
Tripoli
Malta
Rome
Naples
Palermo
Marseille
Lyon
Zurich
Munich
Vienna
Budapest
Belgrad
Sofia
Istanbul
Odessa
Sevastopol
Rostov
Tiflis
Baku
Tashkent
Moscow
Leningrad
Murmansk
Archangel
Tobruk
Benghazi
Derna
Sidi Barrani
El Daba
Port Said
Suez
Aden
Hail
Riyadh
Kuwait
Basra
Shuaiba
Jibouti
Dessie
Kassala
Gedaref
Kosti
Malakal
Bor
Juba
Wau
Rumbik
Nyala
El Fasher
El Obeid
Kadugli
Kurmuk
Roseires
Gallabat
Zalingei
Tenzerba
Kufra
Owenat
Salima
Wadi Halfa
Abu Hamad
Merowe
Tokar
Kassala
Asmara
Massawa
Addis Abbaba
Gambella
Akobo
Rumbik
Bor
Juba
Kapoeta
Torit
Shendi
Khartoum
Port Sudan
Jedda
Mecca
Medina
Yanbo
Luxor
Aswan
Kharga
Dakhla
Minya
Asyut
Qena
Hurghada
Qoseir
Nag Hammadi
Fayum
Baharia
Siwa
Giarbub
Gizolo
Sidi Barrani
Mersa Matrun
Derna
El Adem
Tripoli
Benghazi
Sirte
Nalut
Ghadames
Tebessa
Bone
Bizerte
Tunis
Algiers
Malta
Palermo
Messina
Naples
Foggia
Rome
Ancona
Pescara
Olbia
Cagliari
Marseille
Nice
Genoa
Milan
Venice
Trieste
Zagreb
Belgrad
Sofia
Salonika
Athens
Rhodes
Bodrum
Antalya
Konya
Ankara
Eskisehir
Istanbul
Edirne
Varna
Constanta
Odessa
Sevastopol
Kherson
Rostov
Tiflis
Baku
Erzurum
Van
Diyarbakir
Mosul
Kirkuk
Baghdad
Basra
Aleppo
Damascus
Haifa
Amman
Lydda
Port Said
Suez
Akaba
Tor
Hurghada
Nicosia
Paphos
Limassol
Beirut
Palmyra
Deir el Zor
Khanaqin
Habbaniya
Rutbah
Diwaniya
Shuaiba
As Sulman
Hail
Medina
Jedda
Mecca
Port Sudan
Tokar
Kassala
Gedaref
Asmara
Massawa
Addis Abbaba
Dessie
Jibouti
Assab
Kamaran
Aden
Hadiya
Mukhaiba
H.3
H.4
Tobruk
Benghazi
Derna
Sidi Barrani
El Daba
Mersa Matrun
Port Said
Suez
Akaba
Tor
Hurghada
Qoseir
Luxor
Aswan
Kharga
Dakhla
Minya
Asyut
Qena
Nag Hammadi
Fayum
Baharia
Siwa
Giarbub
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Rostov
Tiflis
Baku
Erzurum
Van
Diyarbakir
Mosul
Kirkuk
Baghdad
Basra
Aleppo
Damascus
Haifa
Amman
Lydda
Port Sudan
Jedda
Mecca
Medina
Yanbo
Luxor
Aswan
Kharga
Dakhla
Minya
Asyut
Qena
Hurghada
Qoseir

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 No 7 F.

DAILY WEATHER REPORT

Date : Saturday 26th March , 1949

At 1200 on Fri. 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	SALUM	40	9	7	03	2	5	Cu,Sc	16.2	15	77	11
	62303	SIDI BARANI	320	12	50	02	1	4	Cu	16.3	16	68	10
	62306	MATRUH											
	62309	EL DABA	320	10		01	1	3	Cb		16	49	5
		ALEXANDRIA	310	11	50	02	2	6	Cu,Sc	13.6	17	52	7
	62318	FOUAD (Airport)	290	14	18	01	2	4	Sc,Ac	13.7	17	49	6
	62330	DAMIETTA	290	9	15	03	2	6	Cu,Ac	12.4	17	60	9
	62333	PORT SAID	310	21	30	01	8	3	Cu,Sc	12.3	18	52	8
	62336	EL ARISH	320	9	35	02	1	3	Cu,Ci	13.4	18	60	10
Lower Egypt	62339	DAMANHUR	360	13	15	01	1	4	Cu	13.4	17	60	9
	62347	MANSURA	320	5	35	03	5	6	Cu	12.7	19	37	4
	62348	TANTA	310	13	35	01	2	6	Cu	13.6	19	46	7
	62354	ZAGAZIG	290	9	7	03	1	6	Cu	12.8	19	52	9
	62447	ISMAILIA	340	9	3	02	2	4	Ac,Cu	12.7	18	52	8
Cairo Area	62362	FAROUK (Airport)	290	16	30	02	2	6	Cu	12.8	19	64	12
	62372	ALMAZA											
		EZBEKIYA	320	9	35	03	0	4	Sc	13.5	20	41	6
		GIZA	320	9	35	03	0	4	Sc	13.2	20	36	4
	62375	HELWAN	270	9	50	02	1	6	Cu	12.6	19	30	1
Upper Egypt	62381	FAIYUM	20	5	35	03	1	5	Cu,Sc	13.5	20	41	6
	62387	MINIA	20	5	14	00	0	2	Cu	14.0	20	33	3
	62393	ASYUT (Airport)	320	9	30	00	0	0	-	12.2	21	28	2
	62399	NAG HAMMADI	290	3	15	00	0	2	As	11.1	24	26	3
	62402	QENA	290	5	35	03	1	3	Cu	11.5	23	26	2
	62405	LUXOR	160	4	30	01	1	3	Sc	10.7	24	24	2
	62414	ASWAN	40	10	50	02	2	6	Sc,Cu	10.7	24	32	6
Oases	62417	SIWA	00	0	35	00	0	0	-	17.9	20	41	6
	62420	BAHARIYA	360	2	35	02	1	3	Ac	14.7	20	33	3
	62423	FARAFRA											
	62432	DAKHLA	320	2	50	00	0	0	-	12.2	22	29	3
	62435	KHARGA	360	2	35	00	0	0	-	13.1	23	24	1
Red Sea	62450	SUEZ	00	0	50	03	0	6	Cu	12.2	20	43	7
	62459	TOR											
	62462	HURGHADA	340	20		03	0	3	Cu	10.7	19	60	12
	62465	QUSEIR	360	19	15	00	1	3	Ac	11.9	21	57	12
	62641	PORT SUDAN	50	21	7	07	2	7	Cu,Ac,Ci	6.4	27	79	23
North Sudan	62600	WADI HALFA	20	16	30	03	2	7	Cu,Cs	8.9	29	12	-3
	62640	ABU HAMAD	50	13	10	02	2	7	Cs	2.6	36	12	2
	62660	KAREIMA	20	12	10	03	1	7	Ac,Ci	4.0	36	12	2
	62680	ATBARA	360	9	30	02	1	4	Ci	1.0	38	15	7
	62721	KHARTUM	20	9	30	02	0	1	Ci	0.0	41	15	9
	62730	KASSALA	40	2	30	00	0	0	-	97.4	42	16	11
Central Sudan	62751	WAD MEDANI	360	19	35	00	0	0	-	99.8	42	6	-4
	62801	RENK											
	62807	ROSEIRES	310	2	35	00	0	0	-		43	15	11
	62771	EL OBEID	360	7	30	00	0	0	-	99.9	40	6	-5
	62760	EL FASHER	90	13	30	00	0	0	-		38	9	-1
	62770	GENEINA	70	10	30	00	0	0	-		38	6	-7
S. Sudan	62840	MALAKAL	140	4	30	02	2	7	Cu,Ci	99.5	40	17	11
	62880	WAU	00	0	10	02	1	7	Cu,Cs	99.1	39	24	15
	62841	JUBA	50	5	30	03	2	8	Cu,Ac,As	98.0	41	19	13

At 1800 on Fri. 25th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms.
62300	SALUM												
62303	SIDI BARANI	360	3	35	01	1	1	Cu	14.7	13	67	7	0
62306	MATRUH	10	7	13	03	1	7	Sc	14.0	14	63	7	0
62309	EL DABA	220	9		01	0	0	-		14	67	8	0
	ALEXANDRIA	310	5	3	03	5	8	Sc	13.9	15	59	7	dr
62318	FOUAD (Airport)	300	9	12	02	8	7	Cu,Ac	13.2	14	67	8	dr
62330	DAMIETTA	290	5		03	2	8	Sc	12.4	15	77	11	0
62333	PORT SAID	300	14	14	02	1	5	Sc	12.4	15	72	10	dr
62336	EL ARISH	320	2	7	01	0	1	Cu	11.8	15	77	11	0
62339	DAMANHUR	360	9	7	02	1	4	Cu	14.2	13	77	9	0
62347	MANSURA	340	5	3	00	1	0	-	13.3	14	67	8	dr
62348	TANTA	310	2	35	01	1	2	Cu	14.3	14	67	8	0
62354	ZAGAZIG	320	5	3	00	1	0	-	13.0	13	88	11	0
62447	ISMAILIA	320	5	3	01	0	0	-	12.8	15	59	7	0
62362	FAROUK (Airport)	310	7	15	00	1	0	-	13.4	14	77	10	0
62372	ALMAZA												
	EZBEKIYA	360	3	15	00	0	0	-	13.6	14	67	8	0
	GIZA	360	3	15	00	0	0	-	14.0	14	81	10	0
62375	HELWAN	340	10	35	01	0	0	-	13.5	15	59	7	0
62381	FAIYUM	00	0	35	01	0	0	-	11.6	15	48	4	0
62387	MINIA	00	0	5	00	0	0	-					
62393	ASYUT (Airport)	270	3	7	00	0	0	-	11.6	12	55	3	0
62399	NAG HAMMADI	270	5	7	01	1	2	Cu	11.8	15	59	7	0
62402	QENA	170	2	12	00	0	0	-	11.4	18	37	3	0
62405	LUXOR	360	7	50	00	0	0	-	10.4	21	35	5	0
62414	ASWAN												
62417	SIWA	00	0	12	00	0	0	-	14.3	15	52	5	0
62420	BAHARIYA	00	0	15	02	1	0	-	13.9	16	42	3	0
62423	FARAFRA												
62432	DAKHLA	00	0	35	00	0	0	-	11.8	20	17	-6	0
62435	KHARGA	40	1	15	00	0	0	-	12.6	19	23	-3	0
62450	SUEZ	00	0	7	01	0	0	-	14.7	18	52	8	0
62459	TOR												
62462	HURGHADA	300	18		00	0	0	-	10.7	19	52	9	0
62465	QUSEIR	360	13	35	01	0	0	-	10.7	20	56	11	0
62641	PORT SUDAN												
62600	WADI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	ATBARA												
62721	KHARTUM												
62730	KASSALA												
62751	WAD MEDANI												
62801	RENK												
62807	ROSEIRES												
62771	EL OBEID												
62760	EL FASHER												
62770	GENEINA												
62840	MALAKAL												
62880	WAU												
62841	JUBA												

At 0600 on Saturday 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.	Bar. Pressure Diff. from normal mbs.	Temp. Dry Bulb °C	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st	Station
62300	SALUM	360	4	7	02	2	8	Ac	12.3		13			8		77	9	0			SALUM
62303	SIDI BARANI	200	1	50	03	1	2	Ac,Cu	12.7		15	16		7		68	9	0	258		SIDI BARANI
62306	MATRUH	310	4	18	03	1	5	Sc	12.7		14	17		8		67	8	0			MATRUH
62309	EL DABA	270	3		01	1	2	Cu			13			8		77	9	0	159		EL DABA
	ALEXANDRIA	360	5	50	03	2	6	Sc,Cu,Ac	13.6	-1.8	15	18	-4	13	-1	59	7	dr	251	179	ALEXANDRIA
62318	FOUAD (Airport)	190	4	14	02	1	6	Cu,Ac	13.0		15	18		11		68	9	dr	253	136	FOUAD (Airport)
62330	DAMIETTA	160	2		41	2	8	Sc	13.9	-1.4	14	18		6		77	10	0	315	100	DAMIETTA
62333	PORT SAID	200	7	11	03	0	1	Sc	13.9		15	20		12		72	10	dr	57		PORT SAID
62336	EL ARISH			35	01	0	0	-	14.7	-0.7	17	19	-3	10	-1	68	11	0		83	EL ARISH
62339	DAMANHUR	230	9	7	01	1	6	Cu	14.0	-1.6	15	20	-4	11	0	68	9	0	98	92	DAMANHUR
62347	MANSURA	270	2	15	02	1	6	Cu	14.0	-1.6	13	20	-4	7	-3	77	9	dr	40	47	MANSURA
62348	TANTA	220	2	35	02	1	2	Cu	14.7	-1.2	13	20	-5	5	-4	77	9	0	28	34	TANTA
62354	ZAGAZIG	140	5	12	00	0	0	-	14.3	-1.3	13	21	-4	8	-2	77	9	0	17	24	ZAGAZIG
62447	ISMAILIA	200	2	7	02	0	0	-	14.4		14	21		9		67	8	0	11		ISMAILIA
62362	FAROUK (Airport)	70	4	12	03	0	1	Ac	13.7		14	21		9		77	10	0			FAROUK (Airport)
62372	ALMAZA	90	8	14	00	0	0	—	13.8	-1.9	11			8		82	8	0			ALMAZA
	EZBEKIYA	00	0	15	00	0	0	—	13.9	-1.8	13	20	-6	9	-2	72	8	0	8	22	EZBEKIYA
	GIZA	00	0	15	00	0	0	-	14.4	-1.7	16	21	-5	6	-3	59	8	0	14	21	GIZA
62375	HELWAN	00	0	7	00	0	1	Cu	14.0	-1.6	12	20	-5	8	-4	77	8	0	15	24	HELWAN
62381	FAIYUM	00	0	35	00	0	1	Cu	14.3	-1.6	14	21	-6	8	-3	67	8	0	6	7	FAIYUM
62387	MINIA	00	0	5	10	0	2	Cu	13.4		13			6		67	7	0	5		MINIA
62393	ASYUT (Airport)	00	0	18	00	0	1	Cu	12.6		13	22		10		63	6	0	0		ASYUT (Airport)
62399	NAG HAMMADI	270	2	3	01	0	2	Ac	13.3	-1.4	17	25		8	-5	52	7	0	0		NAG HAMMADI
62402	QENA	90	2	15	02	1	2	Cu	13.4	-0.9	17			10	-3	42	4	0	dr		QENA
62405	LUXOR	00	0	30	03	1	2	Cu	12.9		16	26		8		42	3	0	dr		LUXOR
62414	ASWAN	360	4	50	02	1	5	Cu,Sc	12.8	-1.2	15	25	-7	13	-3	48	4	0	dr		ASWAN
62417	SIWA	90	4	35	00	0	0	-	13.6	-2.5	14	21	-5	8	-1	55	5	0	dr	7	SIWA
62420	BAHARIYA	360	5	35	03	2	6	Ac	13.5	-2.9	14	22	-5	7	-3	55	5	0	dr	7	BAHARIYA
62423	FARAFRA																		dr		FARAFRA
62432	DAKHLA	00	0	35	00	0	1	Ci	12.0	-3.5	14	24	-6	8	-3	36	-1	0	dr		DAKHLA
62435	KHARGA	20	2	35	00	0	0	-	12.0	-3.0	16	24	-6	10	-3	42	3	0	0		KHARGA
62450	SUEZ	00	0	36	00	0	0	-	13.5	-2.1	13	23	-2	8	-5	77	9	0	12	14	SUEZ
62459	TOR																			13	TOR
62462	HURGHADA	360	8		02	0	8	Cu	13.1		17	21		11		56	8	0	7		HURGHADA
62465	QUSEIR	360	13	15	00	1	4	Cu	13.0	-0.5	20	22	-4	15	-3	46	8	0	0	4	QUSEIR
62641	PORT SUDAN	340	14	30	02	2	8	Sc	10.3		24	29		21		74	19	0	34	95	PORT SUDAN
62600	WADI HALFA	10	4	50	02	2	7	Ac,Cu	10.6		19	31		16		30	1	0	Tr		WADI HALFA
62640	ABU HAMAD																				ABU HAMAD
62660	KAREIMA	50	9	30	03	2	7	Cs	7.8		24	38		21		24	2	0	3	1	KAREIMA
62680	ATBARA	20	5	30	03	0	7	Cs	6.9		24	39		21		30	5	0	7	2	ATBARA
62721	KHARTUM	360	8	30	02	0	1	Ci	5.3		26	42		23		32	8	0	10	4	KHARTUM
62730	KASSALA	70	2	30	00	0	0	-	4.4		30	43		23		29	10	0	10	8	KASSALA
62751	WAD MEDANI	50	9	50	00	0	0	-	3.9		28	43		23		25	6	0	11	12	WAD MEDANI
62801	RENK	50	5	50	00	0	0	-			31	44		20		24	8	0	0	49	RENK
62807	ROSEIRES	270	1	35	00	0	0	-			27	43		24		33	9	0	3	38	ROSEIRES
62771	EL OBEID	10	8	30	03	0	4	Ac	5.9		26	41		21		13	-5	0	11	16	EL OBEID
62760	EL FASHER	360	5	30	01	1	1	Ci	-		23	39		18		20	-1	0	0	6	EL FASHER
62770	GENEINA	50	13	10	02	1	7	Ci			25	39		18		14	-5	0		4	GENEINA
62840	MALAKAL	220	1	30	01	2	3		4.7		31	42		27		38	15	0	70	92	MALAKAL
62880	WAU	160	7	30	02	1	7	Ac	3.5		28	41		28		55	12	0	267	169	WAU
62841	JUBA	00	0	30	03	2	7	Ac	4.1		30	41		24		49	18	dr	150	186	JUBA

HUMIDITY

Mean of day

Station	On 25th	Diff. from normal
Alexandria	54	-6
Ezbekiya	62	+3
Giza	67	+6
Helwan	60	+15

GIZA

GRASS MINIMUM TEMP.

On 26th 2.0 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

RAWINSONDE

Height above M.S.L. feet	Aeroplane Ascent On 26th At Pressure mbs.	Height above M.S.L. feet	Temp. °C	Wind Dir.	Wind Vel.	Rawinsonde On 26th At Airport Pressure mbs.	Height above M.S.L. feet	Temp. °C	Humid. %	Wind Dir.	Wind Vel.	On 26th At Airport Pressure mbs.	Height above M.S.L. feet	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000						1000						1000					
950						950						950					
900						900						900					
850						850						850					
800						800						800					
700						700						700					
600						600						600					
500						500						500					
400						400						400					
300						300						300					

Remarks

UPPER WIND OBSERVATIONS on 26th

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Malakal		Kareima		Khartum		Kassala		El Obeid		El Fasher		Abu Hamad	
Time	5		5		5		5 30		4		4		4 15						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	29	110	14	110	10	30	15	30	15														
600	80	25	110	21	100	10	40	19	50	17	60	7	30	22									40	25
1000	70	10	110	10	70	13	20	13	20	17	50	4	40	20					30	29			40	16
1500	260	10	220	5	350	6	320	14	350	8	50	10	360	13					10	11			340	7
2000	270	16	290	14	340	11	290	18	330	25			350	8									330	14
3000			290	30	290	34	280	25	290	25	50	10	230	4					310	7			270	12
4000					290	40					10	7											280	18
5000											340	18												
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 26th

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Malakal		Kareima		Khartum		Kassala		El Obeid		El Fasher		Abu Hamad	
Time	5		5		5		5 30		4		4		4 15						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	29	110	14	110	10	30	15	30	15														
600	80	25	110	21	100	10	40	19	50	17	60	7	30	22									40	25
1000	70	10	110	10	70	13	20	13	20	17	50	4	40	20					30	29			40	16
1500	260	10	220	5	350	6	320	14	350	8	50	10	360	13					10	11			340	7
2000	270	16	290	14	340	11	290	18	330	25			350	8									330	14
3000			290	30	290	34	280	25	290	25	50	10	230	4					310	7			270	12
4000					290	40					10	7											280	18
5000											340	18												
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 25th

Station	Fouad A.P.				Minia			
Time	15							
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	300	14			360	19		
600	310	15			360	28		
1000	320	16			360	31		
1500	300	16			350	27		
2000	300	18			210	18		
3000	310	16						
4000								
5000								
6000								
7000								
8000								

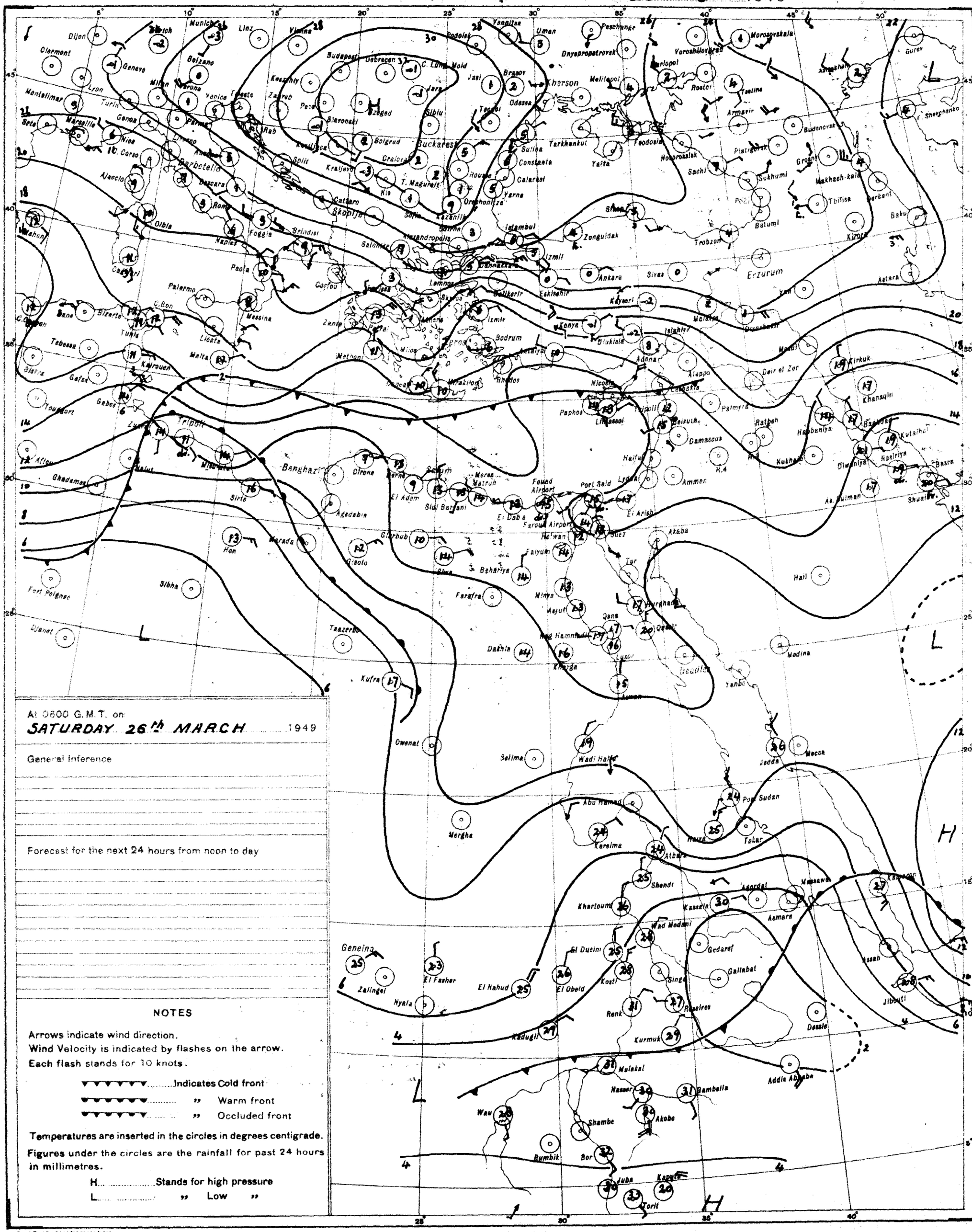
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 26th -3- 1949


Dijon
Clermont
Zurich
Munich
Linz
Vienna
Geneve
Lyon
Milan
Verona
Venice
Trieste
Belzano
Montelimar
Turin
Genoa
Marseille
Sete
Nice
C. Corso
Ajaccio
Livorno
Ancona
Barbotella
Bascara
Rome
Olbia
Cagliari
Palermo
Messina
Paola
Foggia
Brindisi
Naples
Tunis
Bizerta
Tebessa
Sfaxa
Gafsa
Kairouan
Tripoli
Misurata
Benghazi
Sirte
Kufra
Siwa
Fort Polignac
Djanet
Tazerbo
Owenat
Merghe
Selima
Wadi Halfa
Abu Hamed
Kareima
Atbara
Shendi
Khartoum
Kassala
Asmara
Massawa
Kassala
Gedaref
Gallabat
Geneina
Zalingei
Nyala
El Fasher
El Nahud
El Obeid
El Dueim
Kosti
Renk
Rosaires
Kadugli
Kurmuk
Malakal
Nasser
Gambella
Addis Ababa
Wau
Shambe
Akobo
Rumbik
Bor
Juba
Kapoeta
Torit
Port Sudan
Tokar
Jeddah
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Dessie
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Asaab
Hail
Tabuk
Aqaba
Tor
Suez
Port Said
Lydda
Haifa
Damascus
Beirut
Tripoli
Latakia
Aleppo
Palmyra
Ratbeh
Habbaniya
Nukhaib
Diwaniya
Hazirlya
Basra
Kutaiba
Khansqin
Kirkuk
Mosul
Deir el Zor
Ammon
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Eskisehir
Konya
Kayseri
Sivas
Erzurum
Yozgat
Malatya
Diyarbakir
Astara
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Skyros
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Calarasi
Varna
Orechovitza
Sulina
Tarkhankut
Yalta
Feodosia
Novorossisk
Sochi
Sukhumi
Pistigorsk
Grozny
Makhach-kala
Derbent
Baku
Buddenovsk
Astrakhan
Gurev
Shevchenko
Rostov
Taganrog
Armavir
Tsaritsyn
Voroshilovgrad
Stalino
Dnyepropetrovsk
Melitopol
Kherson
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Peschanoe
Uman
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Budapest
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Slavonski
Belgrad
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Tripoli
Haifa
Lydda
Port Said
Fouad Airport
Farouk Airport
Suez
Tor
Akaba
Ammon
R.4
Hail
Tabuk
Medina
Yanbo
Jeddah
Mecca
Port Sudan
Tokar
Kareima
Atbara
Shendi
Khartoum
Kassala
Asmara
Massawa
Gedaref
Gallabat
Geneina
Zalingei
Nyala
El Fasher
El Nahud
El Obeid
El Dueim
Kosti
Renk
Rosaires
Kadugli
Kurmuk
Malakal
Nasser
Gambella
Addis Ababa
Wau
Shambe
Akobo
Rumbik
Bor
Juba
Kapoeta
Torit
Dessie
Jibouti
Asaab
Tokar
Mersa Matruh
El Adem
Sidi Barrani
El Daba
Fayum
Bahariya
Farafra
Minya
Asyut
Qena
Luxor
Kharga
Dakhla
Kufra
Owenat
Merghe
Selima
Wadi Halfa
Abu Hamed
Kareima
Atbara
Shendi
Khartoum
Kassala
Asmara
Massawa
Gedaref
Gallabat
Geneina
Zalingei
Nyala
El Fasher
El Nahud
El Obeid
El Dueim
Kosti
Renk
Rosaires
Kadugli
Kurmuk
Malakal
Nasser
Gambella
Addis Ababa
Wau
Shambe
Akobo
Rumbik
Bor
Juba
Kapoeta
Torit
Dessie
Jibouti
Asaab
Tokar
Port Sudan
Jeddah
Mecca
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Ratbeh
Habbaniya
Nukhaib
Diwaniya
Hazirlya
Basra
Kutaiba
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Feodosia
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Sukhumi
Pistigorsk
Grozny
Makhach-kala
Derbent
Baku
Buddenovsk
Astrakhan
Gurev
Shevchenko
Rostov
Taganrog
Armavir
Tsaritsyn
Voroshilovgrad
Stalino
Dnyepropetrovsk
Melitopol
Kherson
Odessa
Peschanoe
Uman
Yampitsa
Podolsk
Jassy
Brasov
Cluj
Oradea
Debrecen
Budapest
Szeged
Keszthely
Zagreb
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T. Magurele
Craiova
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Rab
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Cagliari
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Patra
Athens
Lemnos
Skyros
Salonika
Sofia
Skopje
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Kazanlik
Varna
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Izmir
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Paphos
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Adana
Aleppo
Latakia
Palmyra
Ratbeh
Damascus
Beirut
Tripoli
Haifa
Lydda
Port Said
Fouad Airport
Farouk Airport
Suez
Tor
Akaba
Ammon
R.4
Hail
Tabuk
Medina
Yanbo
Jeddah
Mecca
Port Sudan
Tokar

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 No 7 F.

DAILY WEATHER REPORT

Date: SUNDAY 27th MARCH, 1949

At 1200 on Sat 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	62400	SALUM	40	6	7	20	5	8	Ac	12.3	14	88	12
	62300	SIDI BARÂNI	70	4	50	50	5	8	Cu,Cc	12.3	14	77	10
	62306	MATRUH	70	5	18	02	2	8	Sc,Cu	11.4	16	59	8
	62309	EL DABA	40	20		01	1	6	Cu		16	59	8
		ALEXANDRIA	360	9	50	03	2	8	St	11.8	16	59	8
	62318	FOUAD (Airport)	350	10	18	02	2	7	Cu,Ac	11.9	18	46	6
	62330	DAMIETTA	140	2	15	01	1	3	Fs,Fc	12.4	19	46	7
	62332	PORT SAÏD	50	11	30	01	0	5	Sc,Cu	12.8	17	60	9
	62336	EL 'ARISH	320	13	35	03	1	2	Cu	14.7	18	73	13
Lower Egypt	62334	DAMANHUR	90	5	15	02	1	6	Ac	12.6	20	46	8
	62342	MANSURA	90	5	35	02	2	5	Cu	12.4	20	46	8
	62348	TANTA	310	2	35	02	1	3	Cu	13.3	21	50	10
	62354	ZAGAZIG	40	9	15	02	1	3	Ac	11.4	20	46	8
	62441	ISMAÏLIA	140	2	7	02	1	4	As	11.9	22	29	3
Cairo Area	62366	FAROUK (Airport)	20	11	30	02	1	4	Ci	11.0	21	50	10
	62372	ALMAZA	90	8	30	01	1	2	Ci	10.6	22	36	6
		EZBEKIYA	00	0	15	00	0	0	-	11.0	22	29	3
		GIZA	00	0	15	00	0	0	-	11.5	22	28	3
	62378	HELWAN	00	0	35	03	1	3	Ci	10.7	21	26	1
Upper Egypt	62381	FAYOUM	330	5	35	03	1	3	Ci	11.1	21	33	4
	62387	MINYA	160	3	12	01	1	3	Ci	10.5	24	28	4
	62396	ASYUT (Airport)	90	9	30	02	1	2	Ci	9.0	24	28	4
	62399	NAG' HAMMADI	140	1		02	1	6		8.8	28		
	62402	QENA	240	5	35	03	1	3	Ci	9.5	27	20	2
	62405	LUXOR	200	5	30	03	1	7	Ci	8.9	27	19	1
	62414	ASWAN	340	7	50	01	1	5	As	8.0	28	19	2
Oases	62417	SIWA	40	16	35	03	2	8	Cu	12.4	21	50	10
	62420	BAHARIYA	180	2	35	02	2	6	Ac	10.8	22	29	3
	62423	FARAFRA											
	62432	DAKHLA	140	11	35	03	1	6	Fs,Fc	6.6	25	22	2
	62438	KHARGA	00	0	35	00	0	0	-	8.9	26	25	4
Red Sea	62450	SUEZ	00	0	35	03	1	4	Ac	11.1	21	41	7
	62456	TOR											
	62462	HURGHADA	20	8		03	1	3	Ci	11.8	20	53	10
	62465	QUSEIR	360	13	15	02	1	4	Ci	12.2	21	65	14
	62441	PORT SUDAN	40	16	30	03	2	8	Cu,Ac	8.3	27	58	18
Anglo-Egyptian Sudan	62600	WADI HALFA	70	8	30	01	1	3	Ci	6.7	31	16	2
	62640	ABU HAMAD	50	9	30	01	2	6	Cs	3.3	35	13	3
	62660	KAREIMA	50	8	30	01	1	5	Ci	2.7	37	11	2
	62680	ATBARA											
	62721	KHARTOUM	20	10	30	02	0	1	Ci	0.5	39	20	12
	62730	KASSALA	360	5	30	00	0	0	-	997.6	41	16	10
Equatorial Sudan	62751	WAD MEDANI	50	2	50	02	1	7	Cc		41	13	7
	62801	RENK	50	5	50	02	1	4	Ci	998.4	43	12	8
	62802	ROSEIRES	340	2	35	00	0	0	-		43	15	11
	62771	EL OBEID	20	4	10	03	0	5	Ci	2.3			
	62766	EL FASHER	90	5	30	01	1	4	Ci		36	12	2
	62770	GENEINA	200	6	30	00	0	0	-		36	9	-2
Equatorial Sudan	62840	MALAKAL											
	62880	WAU											
	62941	JUBA	90	9	50	02	1	3	Cu		36	29	15

At 1800 on Sat 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	90	8	7	20	6	8	Ac	11.1	13	95	13	3
SIDI BARÂNI	90	11	35	62	6	8	Ac,As	11.0	12	95	12	4
MATRUH	120	6	13	02	2	8	Sc	11.6	14	72	9	0
EL DABA	40	10		01	6	6	Cu	11.2	15	59	7	3
ALEXANDRIA	40	11	3	01	2	4	St	11.9	15	59	7	0
FOUAD (Airport)	40	15	15	01	2	6	Sc,Ac	11.4	15	68	9	0
DAMIETTA	200	5		03	2	8	Sc	13.9	16	68	10	0
PORT SAÏD	30	14		02	1	5	Sc,Ac	13.7	16	72	11	0
EL 'ARISH	320	2	7	01	0	1	Cu	12.9	18	83	15	0
DAMANHUR	40	9	7	03	1	8	As	13.1	15	68	9	0
MANSURA	40	5	3	03	2	8	Sc,Cu	13.5	15	68	9	0
TANTA	90	8	7	03	5	8	cb	13.8	16	68	10	dr
ZAGAZIG	40	8	3	03	1	8	Cu	13.0	16	68	10	0
ISMAÏLIA	40	9	3	03	0	6	As	12.8	16	68	10	0
FAROUK (Airport)	10	2	10	02	2	8	Ac	11.9	18	68	12	0
ALMAZA	40	16	12	01	1	2	Ac,Cu	11.6	19	49	8	0
EZBEKIYA	40	7	15	00	0	0	-	11.8	17	52	7	0
GIZA	40	7	15	00	0	0	-	12.3	17	52	7	0
HELWAN	20	8	35	02	1	5	CS	11.2	19	30	1	0
FAYOUM	40	2	35	02	1	3	Ci	11.0	17	60	9	0
MINYA	30	11	12	01	1	1	Ac	9.6	17	52	7	0
ASYUT (Airport)												
NAG' HAMMADI	00	0	7	00	0	1	Ac	8.4	19	46	7	0
QENA	270	2	7	01	1	2	Ci	9.4	20	46	8	0
LUXOR	00	0	12	00	1	0	-	8.7	21	28	2	0
ASWAN	360	3	50	00	0	0	-	8.2	25	19	0	0
SIWA	40	15	7	00	0	0	-	8.3	15	68	9	0
BAHARIYA	90	2	15	01	1	4	Ac	9.5	20	33	3	0
FARAFRA												
DAKHLA	140	3	35	01	0	3	St	6.7	24	24	2	0
KHARGA	00	0	15	00	0	0	-	8.2	22	21	-1	0
SUEZ	00	0	7	01	0	0	-	11.5	18	52	8	0
TOR												
HURGHADA	130	5		01	1	0	-	11.5	18	46	6	0
QUSEIR	360	9	15	01	1	2	Ci	11.9	19	64	12	0
PORT SUDAN												
WADI HALFA	00	0	7	01	0	0	-	11.5	18	52	8	0
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTOUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA	90	5	50	00	0	0	-	5.1	29	42	24	37

At 0600 on SUNDAY 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.	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	40	18	7	01	0	6	Ac	10.4		16	15		11		88	14	7		
SIDI BARÂNI	70	22	50	01	6	7	Cu,Ac	11.0		16	15		12		77	12	9	267	
MATRUH	100	18	13	02	2	7	As	10.4		15	17		12		77	11	1		
EL DABA	40	37		01	1	4	Cu	10.4		17	17		10		88	15	3	162	
ALEXANDRIA	90	13	50	03	5	8	cb	10.0	-5.4	16	20	-2	13	-1	77	12	dr	251	180
FOUAD (Airport)	40	20	18	25	8	7	cb	9.7		16	17		12		82	13	0.2	253	137
DAMIETTA	40	5		50	2	7	Cb,Sc	11.5	-3.7	17	20		11		88	15	0	315	100
PORT SAÏD	80	12	9	03	9	7	Ac	12.0		17	19		16		88	15	dr	57	
EL 'ARISH			35	03	2	6	St	13.5	-1.8	16	21	-1	12	+1	77	12	0		83
DAMANHUR	40	9	7	02	5	8	As	11.2	-4.9	16	21	-3	13	+2	88	14	dr	98	92
MANSURA	40	2	15	03	2	8	St	13.0	-2.6	16	22	-3	15	+5	88	14	0	40	47
TANTA	90	13	7	03	6	8	cb	12.4	-3.4	16	21	-4	10	+1	88	14	dr	28	34
ZAGAZIG	40	9	7	01	2	6	As	11.9	-3.7	15	21	-5	12	+2	95	15	0	17	24
ISMAÏLIA	140	2	3	61	6	8	As	13.5		15	23		13		68	9	dr	11	
FAROUK (Airport)	90	18	30	21	5	5	Ac	10.5		14	22		13		77	10	dr		
ALMAZA	140	18	30	01	0	4	Ac,Cu	10.6	-5.0	16	23		13		59	8	0		
EZBEKIYA	40	4	15	01	5	3	Sc	10.3	-5.3	14	23	-3	13	+2	37	4	dr	8	22
GIZA	40	4	15	01	5	3	Sc	10.4	-5.6	20	24	-2	13	+4	41	6	dr	14	21
HELWAN	110	5	15	00	6	6	Ac,Cu	9.5	-6.0	19	23	-2	13	+1	37	4	dr	15	24
FAYOUM	20	5	35	02	1	4	St	9.0	-6.9	17	23	-4	13	+2	60	9	0	6	7
MINYA	150	13	10	01	8	6	Ac,Cu	7.6		21	25		14		33	4	dr	5	
ASYUT (Airport)	140	10	18	00	0	5	Cu,CS	7.8		23	27		12		38	8	0	0	
NAG' HAMMADI	90	6	18	01	0	4	Ac,Cu	9.8	-4.8	21	28		15		33	4	0	0	
QENA	20	9	15	03	1	8	Cu	11.8	-2.5	19	29	-4	16	+3	46	7	0	dr	
LUXOR	340	3		07	1	6	cb	9.7		20	28		13		41	6	0	dr	
ASWAN	00	0	50	00	0	0	-	9.8	-4.1	22	29	-4	15	-1	41	8	0	dr	
SIWA	40	21	35	00	0	0	-	6.7	-10.3	15	22	-5	11	+2	63	8	0	dr	7
BAHARIYA	90	6	35	02	1	3	Ac	7.1	-9.2	20	24	-3	14	+4	24	-1	dr	dr	7
FARAFRA																			
DAKHLA	140	3	15	03	2	7	Fs,Fc,Ac	7.8	-7.6	20	24	-4	13	+1	41	6	0	dr	
KHARGA	00	0	7	00	0	7	As			19	27	-3	16	+3	46	7	0	0	
SUEZ	00	0	7	00	2	8	Sc,Cu	12.0	-3.6	17	24	-1	13	0	60	9	0	12	14
TOR																			13
HURGHADA	240	4		02	2	8	Sc,Ac	14.3		18	22		13		46	6	0	7	
QUSEIR	360	13	15	00	2	8	As	13.4	0.0	21	22	-4	17	-1	41	7	0	0	4
PORT SUDAN	360	8	30	02	2	7	Sc	12.3		25	29		20		70	19	0	34	95
WADI HALFA	120	2	30	00	0	0	-	8.1		23	33		17		27	3	0	4	
ABU HAMAD	110	5	30	00	0	0	-			25	37		19		30	6	0		
KAREIMA	20	5	50	02	1	4	Ci	12.6		20	38		15		56	11	0	3	1
ATBARA	90	5	30	01	1	1	Ci	7.5		25	38		21		45	12	0	7	2
KHARTOUM	70	6	30	01	0	1	Ci	5.2		29	43		23		49	17	0	10	4
KASSALA	70	9	30	00	0	0	-	5.8		29	42		21		43	15	0	10	8
WAD MEDANI	90	5	50	00	0	0	-	5.1		29	42		24		37	13	0	11	12
RENK																		0	49
ROSEIRES	180	9	35	00	0	0	-			32	44		25		26	10	0	3	38
EL OBEID	70	12	30	01	1	4	Ac	5.0		28	39		21		20	3	0	11	16
EL FASHER																		0	6
GENEINA																			4
MALAKAL	250	2	30	02	2	7	Ac	5.4		30	41		25		40	15	0	70	92
WAU	130	7	30	02	1	5	Ac,Cu	6.2		31	38		25		49	19	2	269	170
JUBA	270	2	30	03	2	8	Ac,CS	5.8		30	40		26		52	19	0	150	187

UPPER AIR OBSERVATIONS

Humidity

Mean Clues on 26th

Station	Dry Bulb	Dew Point
Alexandria	62	-3
Ezbekiya	58	0
Giza	52	-9
Helwan	45	+1

GIZA
GRASS MINIMUM TEMP. on 27th 10.4 °C

Remarks

RAWINSONDE

Aerological Ascent

Height m.	On At Pressure mbs	Height above sea level feet	Temp. °C	Dew Point °C	On At Pressure mbs	Height above sea level feet	Temp. °C	Humid. %	Wind Dir.	Wind Vel.	On At Pressure mbs	Height above sea level feet	Temp. °C	Humid. %	Wind Dir.	Wind Vel.	On At Pressure mbs	Height above sea level feet	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
					AIRFOR										AIRPORT						AIRPORT	
1000					1000						1000						1000					
950					950						950						950					
900					900						900						900					
850					850						850						850					
800					800						800						800					
700					700						700						700					
600					600						600						600					
500					500						500						500					
400					400						400						400					
300					300						300						300					

Remarks

UPPER WIND OBSERVATIONS on 26th

Station	Fouad A.P.		Almaza		Minia	
Time	15	30	13	15	15	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	40	16	30	8	30	3
600	70	17	70	9	110	6
1000	100	11	80	8	100	9
1500	150	15	100	9	110	12
2000	190	15	190	7	150	14
3000	240	21			140	9
4000	240	24				
5000						
6000						
7000						
8000						

UPPER WIND OBSERVATIONS on 27th

Station	Sid. Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Minya		Asyut Mangabat		Luxor		Aswan		Hurghada		Almaza	
Time	5				4	15					6	45	3						4				3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	80	25			70	28					100	20	180	22									130	22
600	80	31			90	27					130	19	170	33					120	19			170	33
1000	80	32			100	25					160	23	170	24					120	24			170	24
1500					170	16					180	34	190	17					120	12			190	17
2000					210	31					190	30							120	12				
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	5		5		5		5	30									4		4		4	45		
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	60	41	150	28	130	22	260	17																
600	80	39	170	27	140	25	260	25									90	7						
1000	100	28	180	50	140	27	200	30									110	5	70	38	80	9		
1500	220	10	200	47	140	45											110	9	60	11	170	8		
2000																	150	7	360	9				
3000																	40	8			230	8		
4000																	350	11						
5000																	300	7						
6000																	250	16						
7000																	230	23						
8000																	270	25						

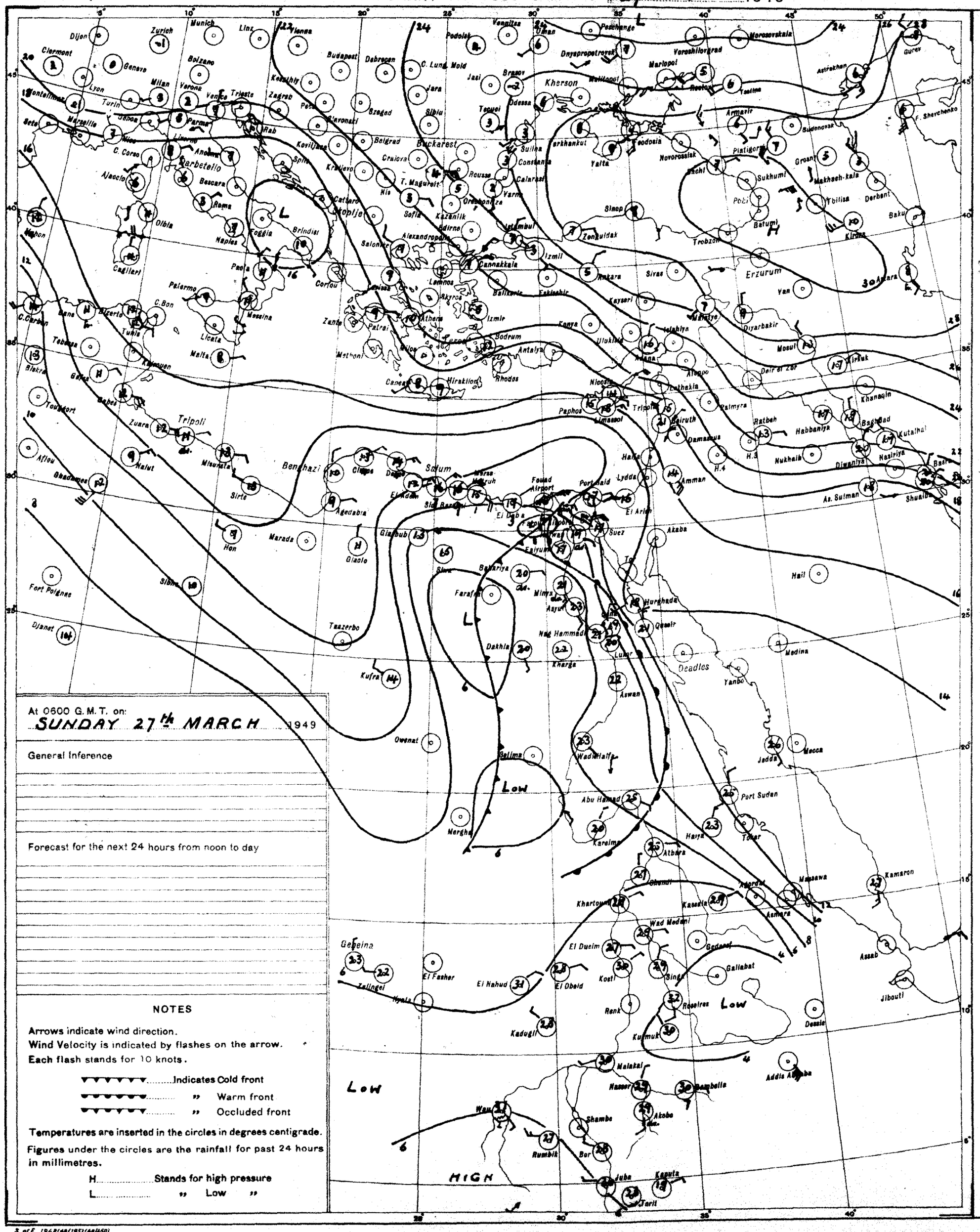
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450)

Note: All times G. M. T.

Form No. 7.F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 27th-3-1949



At 0600 G.M.T. on:
SUNDAY 27th MARCH 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

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

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

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

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

S of E 1948(48/1951)(48/450)

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 No 7 F.

DAILY WEATHER REPORT

Date: MONDAY 28th MARCH, 1949

At 1200 on Sun 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	360	14	7	01	0	0	-	10.2	17	88	15
	62303	SÎDI BARÂNI											
	62306	MATRÛH	90	19	13	02	1	8	Sc	9.3	18	78	14
	62309	EL DABA	40	27		01	3	•	-	5.4	18	83	15
		ALEXANDRIA	110	10	50	02	5	8	Cb	6.3	22	44	9
	62318	FOUAD (Airport)	90	19	18	02	2	7	Cu,Ac	6.7	24	36	8
	62330	DAMIETTA	140	13	15	02	2	7	Cu-Sc	10.7	19	73	14
	62333	PORT SA'ÎD	70	16	10	60	6	8	Ac	13.3	17	77	13
	62336	EL 'ARISH			35	03	2	8	Sc	12.8			
LOWER EGYPT	62339	DAMANHUR	90	13	15	02	6	8	As	7.8	20	73	15
	62342	MANSURA	40	5	35	03	5	6	Cb	9.9	20	73	15
	62348	ṬANṬA	90	13	35	02	5	8	Cb	9.0	21	57	12
	62354	ZAGAZIG	40	9	7	03	1	6	Cu	9.3	21	65	14
	62441	ISMAÎLÎA	90	5	3	21	6	6	As	10.7	23	50	12
CAIRO AREA	62366	FAROUK (Airport)	70	20	30	01	2	3	St	7.5	28	49	16
	62372	ALMÂZA	110	23	30	01	8	3	Ac	7.0	27	52	16
		EZBEKÎYA								6.8	30	25	8
		GÎZA											
	62378	ḤELWÂN	160	9	15	01	6	4	Cu,Ac	6.3	30	21	5
UPPER EGYPT	62381	FAIYÛM	180	8	7	06	5	8	Fs.Fc	5.6	30	24	7
	62387	MINYA	180	27	4	07	6	5	Ac.Cu	6.7	28	37	12
	62393	AṢYÛṬ MANQABÂD	250	5	4	07	2	8	Sc.Ac	8.6	28	45	15
	62399	NAG' ḤAMMÂDI	00	0	35	02	2	8	Sc	9.4	28	40	13
	62402	QENA	110	5	35	02	2	8	As	9.1	31	17	3
	62405	LUXOR	240	5	12	03	2	0	-	8.3	32	16	3
	62414	ASWÂN	250	4	50	00	0	0	-	5.9	36	15	6
OASES	62417	SÎWA	360	10	35	00	0	0	-	6.2	26	42	12
	62420	BAHARÎYA	270	13	15	02	0	0	-	4.7	32	15	2
	62423	FARAFRA											
	62432	DAKHLA	140	17	35	02	2	6	Fs.Fc	5.3	31	21	6
	62435	KHARGA	00	0	3	02	2	8	Ac	8.0	32	20	6
RED SEA	62450	SUEZ	00	0	15	01	2	6	Sc.Cu	9.6	25	34	8
	62459	ṬÔR											
	62462	HURGHÂDA	70	10		02	2	8	St	10.9	23	61	15
	62465	QUSEIR	360	13	15	02	2	8	As	12.4	23	50	12
	62641	PORT SÛDÂN											
NORTH SÛDÂN	62600	WÂDI ḤALFA											
	62640	ABU ḤAMAD											
	62660	KAREIMA											
	62680	'AṬBARA											
	62721	KHARTÛM											
	62730	KASSALA											
CENTRAL SÛDÂN	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID											
	62760	EL FÂSHER											
	62770	GENEINA											
S. SÛDÂN	62840	MALAKÂL											
	62880	WÂU											
	62941	JUBA											

At 1800 on Sun 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	320	11	7	02	0	0	-	12.0	15	88	13	0
SÎDI BARÂNI	340	18	35	03	1	1	Cu	12.0	15	88	13	0
MATRÛH	20	13	13	00	0	0	-	7.8	16	82	13	0
EL DABA	40	16		01	0	0	-	4.2	16	94	15	0
ALEXANDRIA	90	6	3	01	5	0	-	6.3	18	52	8	dr
FOUAD (Airport)	100	23	12	02	2	8	Ci	5.3	20	46	8	0
DAMIETTA	160	13		29	6	7	C.Sc	10.4	18	73	13	dr
PORT SA'ÎD	100	23	10	13	2	6	Cb.Ac	10.7	18	68	12	1
EL 'ARISH			7	02	2	8	Sc	14.2	18	73	13	0
DAMANHUR	90	24	3	02	2	7	As	7.2	19	52	9	0.1
MANSURA	20	2	3	03	5	8	Cb	9.0	17	68	11	dr
ṬANṬA	130	4	35	02	6	8	Cb	7.9	18	73	13	dr
ZAGAZIG	40	13	3	00	3	0	-	8.7	20	60	12	0
ISMAÎLÎA	110	13	3	03	2	6	As	10.0	21	50	10	1
FAROUK (Airport)	160	10	15	00	6	0	-	6.7	25	65	16	dr
ALMÂZA	170	17	13	03	2	0	-	6.5	25	45	12	dr
EZBEKÎYA								7.1	26	37	10	dr
GÎZA												
ḤELWÂN	160	16	15	01	6	0	-	7.0	26	30	7	0.1
FAIYÛM	180	5	7	02	2	8	Fs.Fc	6.6	25	42	11	dr
MINYA	160	11	8	02	0	3	Sc	8.2	23	44	10	dr
AṢYÛṬ MANQABÂD												
NAG' ḤAMMÂDI	00	0	7	02	2	0	-	8.4	23	44	10	0
QENA	110	9	7	02	2	8	As	9.6	25	34	8	0
LUXOR	360	6	12	01	0	3	Sc	9.0	24	38	9	0
ASWÂN	00	0	50	00	0	0	-	8.2	32	15	2	0
SÎWA	320	20	7	00	0	0	-	10.2	20	41	6	0
BAHARÎYA	270	4	15	02	0	0		7.5	23	24	1	0
FARAFRA												
DAKHLA	360	6	35	00	0	0	-	8.3	28	22	4	0
KHARGA	00	0		00	0	0	-	7.4	26	25	4	0
SUEZ	180	9	7	09	5	0	-	9.5	23	44	10	dr
ṬÔR												
HURGHÂDA	70	5		02	5	8	St	12.7	22	69	16	dr
QUSEIR	20	9	15	02	2	8	As	12.4	24	32	6	0
PORT SÛDÂN												
WÂDI ḤALFA												
ABU ḤAMAD												
KAREIMA												
'AṬBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on MONDAY 28th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	340	13	7	03	0	2	Ac	13.3		15	18		11		88	13	0		
SÎDI BARÂNI	320	13	50	03	0	8	Sc,Cu	13.4		15	17		14		88	13	0	267	
MATRÛH	320	16	12	03	0	7	Sc	11.1		16	18		15		88	14	0		
EL DABA	320	26		01	1	3	Cu	11.0		18			14		73	13	0		
ALEXANDRIA	220	13	35	03	1	6	Sc,Cu,Ac	9.1	-6.2	16	24	+2	14	0	88	14	dr	251	180
FOUAD (Airport)	220	22	14	02	2	6	Sc	8.5		17	24		14		77	13	0	253	137
DAMIETTA	220	5		41	2	8	St	10.0	-5.2	18	20		12		73	13	dr	315	100
PORT SA'ÎD	200	10	11	01	0	0	-	10.2		18	19		16		68	12	1	58	
EL 'ARISH	240	2	35	01	0	2	Cu	10.4	-4.8	18			15	+4	83	15	0		84
DAMANHUR	310	19	7	01	1	2	Cu	9.4	-6.0	17	22	-2	12	+1	77	13	0.1	98	93
MANSURA	220	5	35	00	1	0	-	9.5	-6.0	17	21	-4	12	+1	68	11	dr	40	47
ṬANṬA	180	5	35	03	1	0	-	10.7	-5.1	15	22	-4	11	+1	77	11	dr	28	34
ZAGAZIG	220	9	7	00	0	0	-	10.4	-5.1	19	24	-2	15	+5	73	14	0	17	24
ISMAÎLÎA	00	0	3	02	0	0	-	10.7		21	26		15		57	12	1	12	
FAROUK (Airport)	200	13	10	00	0	0	-	11.2		20	29				60	12	dr		
ALMÂZA	230	17	8	00	0	0	-	11.0	-4.6	20	30		17		46	8	dr		
EZBEKÎYA								11.4	-4.2	19	31	+5	17	+5	46	7	dr	8	22
GÎZA																			21
ḤELWÂN	160	6	7	06	0	0	-	11.4	-4.1	18	31	+5	17	+5	46	6	0.1	15	24
FAIYÛM	240	5	35	01	0	0	-	11.9	-3.9	19	33	+6	15	+4	64	12	dr	6	7
MINYA	290	5	8	10	0	0	-	13.6		17	30		16		52	7	dr	5	
AṢYÛṬ MANQABÂD	290	2	10	00	0	2	Cu	12.4		20	30		14		53	10	0	0	
NAG' ḤAMMÂDI	360	2	3	02	2	6	Cs	12.3	-2.2	21	32		16		57	12	0	0	
QENA	240	5	15	02	1	4	Ci	11.6	-2.6	22	30	-3	15	+2	44	9	0	dr	
LUXOR	220	6	30	03	1	7	Sc,Cu	10.9		23	34		15		32	5	0	dr	
ASWÂN	360	3	50	02	1	3	Sc,Cu	9.8	-4.0	24	37	+4	21	+5	57	15	0	dr	
SÎWA	270	8	35	00	0	1		15.2	-1.8	14	27	0	11	+1	67	8	0	dr	7
BAHARÎYA	320	4	15	02	2	6	Cu	12.8	-3.5	15	33	+6	12	+2	77	11	0	dr	7
FARAFRA																			
DAKHLA	320	9	35	00	0	3	Fs,Fc,Ac	12.6	-2.7	18	34	+4	14	+2	46	6	0	dr	
KHARGA	20	3	7	00	0	4	Cu	11.9	-3.0	22	34	+4	18	+5	29	3	0	0	
SUEZ	00	0	35	00	0	0	-	10.9	-4.6	21	26	0	17	+4	74	16	dr	12	14
ṬÔR																			13
HURGHADA	100	1		00	0	1	Ac	10.4		24	28		19		54	14	dr	7	
QUSEIR	290	9	15	00	1	6	Ac,Cu	10.6	-2.8	24	26	0	19	+1	47	12	0	0	4
PORT SÛDÂN	50	4	30	03	0	7	Sc,Cu	12.9		27	28		23		79	23	0	34	95
WÂDI ḤALFA	10	9	30	01	1	1	Cu	8.5		25	41		19		24	3	0	tr	
ABU ḤAMAD	60	5	30	00	0	0	-	7.9		26	40		21		51	15	0		
KAREIMA	50	3	30	00	0	0	-	7.1		28	42		23		29	8	0	3	1
'AṬBARA	60	9	30	00	0	0	-	8.0		28	41		22		40	13	0	7	2
KHARTÛM	90	5	30	02	0	0	-	9.5		31	43		25		38	15	0	10	4
KASSALA	70	2	30	02	0	0	-	9.5		34	42		24		29	13	0	10	8
WÂD MEDANI	130	5	50	00	0	0	-	6.6		29	43		23		31	10	0	4	12
RENK	50	9	50	00	0	0	-			31					24	8	0		49
ROSEIRES																		3	38
EL OBEID	00	0	30	00	0	0	-	6.7		30			22		18	3	0	11	16
EL FÂSHER	280	2	30	01	2	0	-			25	40		19		24	3	0	0	6
GENEINA	230	2	30	01	2	7	Ac			24	39		21		38	9	0.6		4
MALAKÂL	200	2	30	03	2	7	Cu	7.1		32			26		43	18	0	70	93
WÂU	160	8	30	02	1	7	Ac,Cs	7.0		29	39		25		59	20	dr	269	171
JUBA	180	5	30	03	2	8	Cs	8.2		30	39		24		52	19	0.4	150	188

HUMIDITY % Mean of day

Station	on 27th	Diff. from normal
Alexandria	70	+5
Ezbekîya	34	-24
Gîza		
Helwân	28	-16

GÎZA GRASS MINIMUM TEMP.

ON 28th °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

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

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

Remarks

RAWINSONDE

Farouk AIRPORT — On 28th At 3

Pressure mbs.	Height above M.S.L. Feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	70	17	52	170	11
950					
900					
850	1443	12	41	210	30
800					
700	3034	0		220	59
600					
500	5652	-16			
400		-30			
300					

..... AIRPORT — On ..... At .....

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

UPPER WIND OBSERVATIONS on 27th

Height m.	Luxor Dir.	Luxor Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	Minya Dir.	Minya Vel.
	11 30		15		16	
300	70	5	110	38	160	30
600	90	5	120	47	180	31
1000	90	14	140	40	200	42
1500	140	14			200	38
2000						
3000						
4000						
5000						
6000						
7000						
8000						

UPPER WIND OBSERVATIONS on 28th

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Maṭrûḥ Dir.	Maṭrûḥ Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Saïd Dir.	Port Saïd Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Farouk A.P. Dir.	Farouk A.P. Vel.
	5				4						7		3	15			5 15		5				3	
300	340	24			240	19					240	9	20	23			300	2	360	8			220	15
600	340	30									220	16	20	26			40	4	110	12			240	13
1000											230	17	20	29			140	11	160	16			260	19
1500													30	35			160	7	150	17			210	30
2000													30	34									200	47
3000																							220	59
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Sîwa Dir.	Sîwa Vel.	Baḥarîya Dir.	Baḥarîya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Ḥalfa Dir.	Wâdi Ḥalfa Vel.	Abû Ḥamad Dir.	Abû Ḥamad 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.
	5		5		5		5 50		4				4		4		4		4		4 30		4	
300	340	16	290	20	310	31			350	6														
600	360	25	280	19	320	33	10	2	150	12			90	19	90	17	110	9					220	5
1000	330	24			330	35	10	17	150	11			80	13	80	21	130	7	70	21	10	3	170	9
1500	330	31			320	30			210	6			50	6	50	15	70	6	70	15	30	4	180	9
2000	290	17													350	3	30	10					170	5
3000	310	22							230	11					30	7	10	5	40	11	130	5	40	12
4000	280	30															290	12						
5000																	60	13					20	21
6000																								
7000																								
8000																								

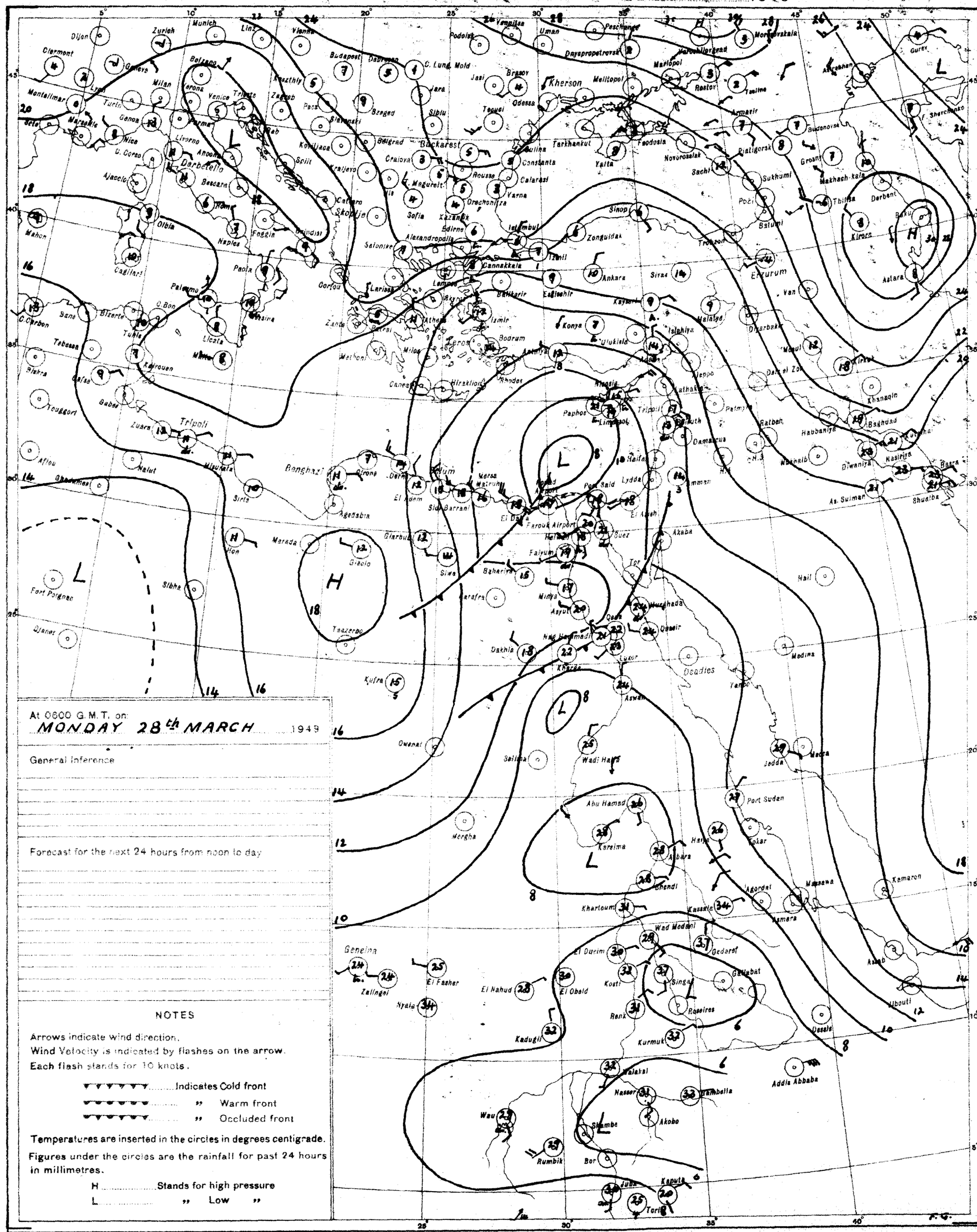
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 28-3-1949


Dijon
Zurich
Munich
Linz
Vienna
Budapest
Debrecen
C. Lung. Mold
Podolsk
Vempilsa
Uman
Dnyepropetrovsk
Voroshilovgrad
Mariopol
Rostov
Kherson
Melitopol
Odessa
Jasi
Brasov
Tecuci
Sibiu
Bucharest
Constanta
Calarasi
Varna
Sofia
Belgrad
Zagreb
Sarajevo
Split
Kraljevo
Skopije
Salonika
Alexandropolis
Istanbul
Zonguldak
Sinop
Trabzon
Ankara
Sivas
Erzurum
Van
Batumi
Tbilisi
Kirovo
Astara
Derbent
Baku
Sukhumi
Poti
Sachi
Novorossiysk
Yalta
Feodosia
Taganrog
Rostov
Armavir
Mozdok
Groznyi
Makhach-kala
Budenovsk
Pyatigorsk
Gurev
Aktyubinsk
Tashkent
Tarkhankut
Cannakkale
Izmir
Bodrum
Konya
Adana
Iskenderun
Aleppo
Latakia
Beirut
Haifa
Lydda
Amman
Damascus
Palmyra
Ratbeh
Habbaniya
Baghdad
Diwaniya
Nasiriya
Basra
Shuaiba
As Suiman
Mosul
Diyarbakir
Kirkuk
Khanaqin
Tripoli
Benghazi
Derna
Tobruk
Sidi Barrani
El Adem
Marsa Matruh
Agedabia
Sirte
Misurata
Zuara
Gabes
Sfax
Tunis
Bizerte
Palermo
Cagliari
Olbia
Naples
Foggia
Brindisi
Paola
Messina
Licata
Marsala
Pantelleria
Malta
Gozo
Corfu
Larissa
Lemnos
Athens
Mytilene
Rhodes
Heraklion
Canea
Paphos
Limassol
Port Said
Ismailia
Suez
Farouk Airport
Tor
Akaba
Qena
Luxor
Aswan
Khartoum
Kassala
Asmara
Massawa
Aseordat
Port Sudan
Tokar
Wadi Halfa
Abu Hamad
Kareima
Atbara
Shendi
Wad Medani
Gedaref
Gallabat
Roseires
Singa
Kosti
Renk
Malakal
Nasser
Akobo
Bor
Juba
Kapoeta
Tarit
Addis Abbaba
Dessie
Jibouti
Kamaran
Asab
Jedda
Mecca
Medina
Yanbo
Deadlos
Hail
Tripoli
Benghazi
Marsa Matruh
Siwa
Baharia
Farafra
Dakhla
Kharga
Minya
Asyut
Qena
Hurghada
Qusair
Nag Hammadi
Kufra
Tazerbo
Sebha
Hon
Marada
Giado
Gharbub
Fort Polignac
Djanet
Ghadames
Nalut
Mizurata
Ajaccio
Bastia
Nice
Marseille
Montelimar
Clermont
Geneva
Lyon
Turin
Genoa
Milan
Verona
Venice
Trieste
Parma
Livorno
Ancona
Rome
Bari
Brindisi
Naples
Foggia
Palermo
Cagliari
Mahon
Tebessa
Bône
Biskra
Gafsa
Tougourt
Kairouan
Sousse
Tunis
Bizerte
Sfax
Gabes
Zuara
Afflou
Geneina
Zalingei
El Fasher
Nyala
El Nahud
El Obeid
Kadugli
Wau
Rumbik
Shambe
Bor
Kurmuk
Roseires
Gedaref
Kassala
Massawa
Asmara
Aseordat
Tokar
Port Sudan
Wadi Halfa
Abu Hamad
Kareima
Atbara
Shendi
Khartoum
Wad Medani
Gedaref
Gallabat
Roseires
Singa
Kosti
Renk
Malakal
Nasser
Akobo
Bor
Juba
Kapoeta
Tarit
Addis Abbaba
Dessie
Jibouti
Kamaran
Asab
Jedda
Mecca
Medina
Yanbo
Deadlos
Hail
Tripoli
Benghazi
Marsa Matruh
Siwa
Baharia
Farafra
Dakhla
Kharga
Minya
Asyut
Qena
Hurghada
Qusair
Nag Hammadi
Kufra
Tazerbo
Sebha
Hon
Marada
Giado
Gharbub
Fort Polignac
Djanet
Ghadames
Nalut
Mizurata
Ajaccio
Bastia
Nice
Marseille
Montelimar
Clermont
Geneva
Lyon
Turin
Genoa
Milan
Verona
Venice
Trieste
Parma
Livorno
Ancona
Rome
Bari
Brindisi
Naples
Foggia
Palermo
Cagliari
Mahon
Tebessa
Bône
Biskra
Gafsa
Tougourt
Kairouan
Sousse
Tunis
Bizerte
Sfax
Gabes
Zuara
Afflou
Geneina
Zalingei
El Fasher
Nyala
El Nahud
El Obeid
Kadugil

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 No 7 F.

DAILY WEATHER REPORT

Date: TUESDAY 29th MARCH, 1949

At 1200 on Mon 28th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	20	13	7	03	2	7	Ac	14.7	17	68	11
	62309	SIDI BARANI	320	12	50	01	1	6	Sc.Cu	14.4	16	88	14
	62306	MATRUH	320	22	12	01	2	6	Sc	12.7	19	73	14
	62309	EL DABA	320	22		01	1	6	Cu	11.0	18	73	13
		ALEXANDRIA	220	11	35	02	2	6	St	10.0	18	83	15
	62316	FOUAD (Airport)	240	23	10	02	2	7	Sc	9.9	20	69	14
	62330	DAMIETTA	220	5	15	02	2	8	Cu	9.6	25	54	15
	62335	PORT SAID	240	13	15	02	0	0	-	10.1	24	50	13
	62336	EL 'ARISH	340	5	35	01	0	0	-	10.3	24	54	14
Upper Egypt	62339	DAMANHUR	310	19	15	02	1	1	Cu	9.8	24	54	14
	62342	MANSURA	270	5	35	00	0	0	-	10.0	25	47	13
	62348	TANTA	220	13	35	01	1	2	Cu	9.9	25	47	13
	62354	ZAGAZIG	220	9	15	00	0	0	-	10.3	26	48	14
	62441	ISMA'ILIA	340	5	7	02	0	0	-	9.4	28		
Cairo Area	62366	FAROUK (Airport)	260	19	30	00	0	0	-	10.1	26		
	62370	ALMAZA											
		EZBEKIYA	220	8	35	00	0	0	-	10.2	27	27	6
		GIZA	220	8	35	00	0	0	-	10.6	28	27	7
	62378	HELWAN	200	13	15	06	0	0	-	10.4	26	25	4
Upper Egypt	62381	FAIYUM	200	5	35	02	0	0	-	11.2	26	27	10
	62387	MINYA	120	11	14	02	0	2	Cu	11.5	27	23	4
	62393	ASYUT	310	8	12	03	1	3	Cu.Cs	10.4	26	48	14
	62399	NAG' HAMMADI	270	2	3	02	2	2	Ac.Cu		28	33	10
	62402	QENA	270	5	35	03	2	6	Cu	9.0	32	24	9
	62405	LUXOR	320	7	30	03	1	7	As	8.8	31	17	3
	62414	ASWAN	20	5	50	01	1	3	As	7.4	34	25	11
Oases	62417	SIWA	270	8	35	00	0	0	-	16.2	25	42	11
	62420	BAHARIYA	270	5	35	01	2	2	Ac	12.2	24	38	9
	62428	FARAFRA											
	62432	DAKHLA	320	12	35	02	2	6	Fs,Fc,Ac	11.2	24	32	6
	62435	KHARGA	00	0	15	02	1	5	Cu	10.6	30	16	1
Red Sea	62450	SUEZ	00	0	35	02	0	0	-	9.5	29	23	6
	62456	TOR											
	62462	HURGHADA	60	5		02	2	7	Ac	9.6	24	84	21
	62465	QUSEIR	20	9	15	03	2	8	As	9.8	24	84	21
	62541	PORT SUDAN	70	13	10	01	1	1	Cu	9.7	29	66	22
N. Sudan	62600	WADI HALFA	330	13	30	03	0	1	Cu	6.6	37	17	8
	62640	ABU HAMAD	00	0		00	0	0	-	3.6	41	13	7
	62650	KAREIMA			30	10	2		Cs	3.1	42	9	3
	62680	ATBARA	70	2	30	03	0	0	-	2.5	42	9	3
	62721	KHARTUM	270	1	30	03	1	1	Cu	2.6	43	11	6
	62730	KASSALA	50	5	30	00	0	0	-	1.6	42	11	5
Central Sudan	62751	WAD MEDANI	310	5	35	01	1	3	St	0.6	43	9	4
	62801	KENA											
	62802	ROSEIRES	230	2	35	00	0	0	-		43	17	13
	62771	EL OBEID	70	10	30	01	1	3	Cu	0.9	41	7	-1
	62760	EL FASHER	00	0	30	02	1	5	Cu		40	14	8
	62770	GENEINA	50	9	30	01	2	4	Cu		38	7	-4
S. Sudan	62840	MALAKAL	200	4	30	03	1	6	Cu.Cu	2.3	40	23	15
	62860	WAU	30	9	30	02	1	8	Cu.Cs	2.4	38	56	28
	62941	JUBA											

At 1800 on Mon 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	290	10	7	01	0	2	Ac	15.8	15	77	11	0
SIDI BARANI	320	9	35	03	2	8	Sc,Ac	16.7	15	88	13	0
MATRUH												
EL DABA	320	10		01	1	3	Cu		16	77	12	0
ALEXANDRIA	240	6	3	02	5	8	Cb	13.4	15	88	13	0.3
FOUAD (Airport)	260	21	10	02	2	8	Sc	12.6	20	69	14	0
DAMIETTA	200	5		00	0	0	-	11.1	18	83	15	0
PORT SAID	270	18	12	02	0	0	-	10.1	20	73	15	0
EL 'ARISH			7	02	3	0	-	11.4	19	83	16	0
DAMANHUR	310	9	7	03	2	8	Cb	12.6	17	88	15	0
MANSURA	320	5	3	00	0	0	-	11.6	17	77	13	0
TANTA	270	5	35	02	1	2	Cu	12.6	17	60	9	0
ZAGAZIG	320	5	12	00	0	0	-	11.8	19	68	13	0
ISMA'ILIA	290	13	3	02	0	0	-	10.7	20	64	13	0
FAROUK (Airport)	270	12	12	00	0	0	-	12.4	18	78	14	0
ALMAZA	310	11	12	00	0	0	-	12.3	19	64	12	0
EZBEKIYA	320	11	15	00	0	0	-	12.6	18	73	13	0
GIZA	320	11	15	00	0	0	-	13.0	18	70	12	0
HELWAN	320	15	15	06	0	0	-	12.2	18	73	13	0
FAIYUM	330	2	35	02	0	0	-	12.8	19	73	14	0
MINYA	290	6	10	00	0	0	-	12.5	19	43	6	0
ASYUT												
NAG' HAMMADI			3	02	2	5	Ac	12.2	20	64	13	0
QENA	240	9		02	2	6	Cu	10.7	24	38	9	0
LUXOR	00	0	10	01	2	4	Ac	10.8	24	26	3	0
ASWAN	360	7	50	00	0	0	-	9.9	30	25	8	0
SIWA	00	0	7	00	0	0	-	16.0	19	52	9	0
BAHARIYA	320	2	15	02	1	0	-	13.6	21	33	4	0
FARAFRA												
DAKHLA	320	6	35	00	0	0	-	12.4	23	24	1	0
KHARGA	00	0	7	00	0	0	-	12.6	23	32	5	0
SUEZ	00	0	7	02	0	0	-	10.6	19	52	9	0
TOR												
HURGHADA	140	4		01	1	5	Ac	9.8	22	83	19	0
QUSEIR	40	9	15	01	2	6	Cu	9.8	23	89	21	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
KENA												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on TUESDAY 29th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	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	250	6	7	00	0	1	Cu,Sc	16.8		14	18		9		77	10	0		
SIDI BARANI	290	12	50	01	2	3	Sc,Cu	17.2		15	17		12		77	11	0	267	
MATRUH	280	10	12	01	1	1	Sc	16.3		14			10		88	12	2		
EL DABA	310	20		01	2	6	Cu	16.8		16			12		88	14	3	162	
ALEXANDRIA	300	10	50	01	2	4	Cu,Sc	14.6	-0.6	16	20	-2	14	0	77	12	0.3	251	180
FOUAD (Airport)	290	12	12	01	2	3	Cu	14.4		16	21		14		77	12	0	253	187
DAMIETTA	290	5		21	2	7	Cu,Sc	13.1	-2.0	17	26		13		77	13	dr	315	101
PORT SAID	270	16	12	02	8	7	Cu,Sc	13.1		17	25		15		77	13	0.4	59	
EL 'ARISH		35	03	2	7	Cu		13.0		16	27	+5	15	+4	88	14	0		84
DAMANHUR	310	9	7	03	2	6	Cu	14.4	-1.0	17	25	+1	12	+1	77	13	0	98	93
MANSURA	40	5	15	03	2	6	Sc,Cu	13.8	-1.7	16	26	+1	13	+2	77	12	0	40	47
TANTA	240	5	35	01	2	4	Cu	15.0	-0.7	16	26	0	10	0	77	12	0	28	34
ZAGAZIG	220	5	7	03	0	2	Ac	14.6	-0.9	16	27	+1	12	+2	88	14	0	17	24
ISMA'ILIA	250	5	3	02	2	7	Sc	14.3		16	28		15		77	12	0	12	
FAROUK (Airport)	250	10	12	02	5	6	Sc	16.1		16	27				77	12	dr		
ALMAZA	290	9	13	01	2	5	Sc	15.0	-0.5	16	28		14		77	12	0		
EZBEKIYA	340	11	15	03	5	4	Cu	15.4	-0.1	16	28	+2	13	+1	72	11	dr	8	22
GIZA	340	11	15	03	0	4	Cu	15.4	-0.5	17	28	+2	12	+3	70	12	0	14	21
HELWAN	290	4	35	20	5	7	Fs,Fc,As	15.8	+0.4	14	27	+1	14	+2	88	12	dr	15	24
FAIYUM	330	5	35	00	2	7	St	15.9	+0.1	16	27	0	13	+2	77	12	0	6	7
MINYA	10	7	12	00	0	1	Cu,Cu	16.4		15	27		11		71	11	0	5	
ASYUT	310	5	18	00	0	1	Cu	15.4		17	28		13		72	12	0	0	
NAG' HAMMADI	320	2	3	02	2	7	Cs	14.7	+0.3	18	29		14		60	10	0	0	
QENA	270	5	15	02	2	6	Cu	13.9	-0.2	17	33	0	15	+2	64	10	0	dr	
LUXOR	270	4	12	03	1	8	Sc	13.5		20	32		18		38	5	0	dr	
ASWAN	20	6	50	03	1	6	Sc,Cu	13.1	-0.6	23	35	+2	21	+5	38	8	0	dr	
SIWA	00	0	35	00	0	0	-	19.0	+2.1	13	25	-2	9	-1	88	11	0	dr	7
BAHARIYA	360	3	35	02	2	6	Cu	17.1	+0.8	15	25	-2	12	+2	77	11		dr	7
FARAFRA																			
DAKHLA	320	6	35	00	0	0	-	14.8	-0.5	18	26	-5	14	+2	37	3	0	dr	
KHARGA	20	6	35	00	0	0	-	15.1	+0.3	18	32	+1	17	+4	60	10	0	0	
SUEZ	00	0	15	00	2	7	Cb	15.5	0.0	17	31	+5	16	+3	68	11	0	12	14
TOR																			13
HURGHADA	320	20		03	0	6	Cu	12.6		20	27		18		78	16	0	7	
QUSEIR	360	13	15	00	0	8	As	12.2	-1.1	23	26	0	21	+3	44	10	0	0	4
PORT SUDAN	70	9	10	03	2	0		9.4		24	29		24		94	23	0	34	95
WADI HALFA	360	11	30	03	1	7	As,Cu	12.1		23	38		20		34	6	0	tr	
ABU HAMAD	50	19	30	00	0	0	-	7.7		29	42		25		18	2	0		
KAREIMA	50	10	30	00	2	0	-	8.3		28	43		24		20	3	0	3	1
ATBARA	360	2	30	00	0	0	-	6.5		30	43		24		38	14	0	7	2
KHARTUM	340	4	30	01	1	2	Ac	5.8		31	44		26		31	12	0	10	4
KASSALA	110	13	30	00	0	0	-	4.4		34	43		24		32	15	0	10	8
WAD MEDANI	130	1	50	01	1	4	As	5.3		30	44		26		22	6	0	11	12
KENA	130	9	50	01	1	4	Cu	6.2		36	43		23		35	18	0	0	49
ROSEIRES																		3	38
EL OBEID	30	7	30	03	1	8	Ac	5.9			43						0	11	16
EL FASHER	00	0	30	02	1	7	Ac,Cu			26	41				21	2	0	0	6
GENEINA	50	2	30	01	0	5	Ac,Cu			25	40		20		15	-4	0		4
MALAKAL	200	1	30	03	1	8	Cu,Cs	6.4		31	41		28		41	16	0	70	93
WAU	00	0	30	02	1	8	Cs	6.2		28	40		25		62	20	dr	269	172
JUBA	180	2	30	02	2	7	Ci	6.2		33	41		27		26	11	0	150	189

UPPER AIR OBSERVATIONS

Humidity

Mean of day

Station	28th	Diff.
Alexandria	84	+16
Ezbekiya	52	-6
Giza	51	-9
Helwan	49	+5

GIZA

GRASS MINIMUM TEMP. ON 29th 8.9 °C

Remarks

Aeroplane Ascent — RAWINSONDE

Height mbs	Cairo On N Height above mean sea level feet	Temp. °C	Humid. %	Wind Dir.	Wind Vel.	Airport On Pressure mbs	Height above M.S.L. feet	Temp. °C	Humid. %	Wind Dir.	Wind Vel.	Airport On Pressure mbs	Height above M.S.L. feet	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					

Remarks

UPPER WIND OBSERVATIONS on

Station	Minya		Fouad A.P.	
Time	15		15	
Height m	Dir.	Vel.	Dir.	Vel.
300	310	13		
600	300	18		
1000	300	23		
1500	300	20		
2000	290	29		
3000				
4000				
5000				
6000				
7000				
8000				

UPPER WIND OBSERVATIONS on 29th

Station	Sid. Barani		Matruh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		Almaza	
Time	5										7 30		3		9 15		5 30		5				8 30	
Height m	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	310	18									320	7	340	30	340	10	340	12	360	18			300	9
600	310	20									310	10	340	47	330	11	340	17	360	19			310	9
1000	310	11									Ent. Cu		350	43	320	14	330	19	350	19			310	9
1500													350	49	300	16	270	16	250	18				
2000													320	68	300	25			290	23				
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	5		5				5 30						4 15		4 15				4		4 30		4	
Height m	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	30	10	350	19			10	22																
600	30	6	350	21			10	30					30	25	60	15							170	12
1000	360	9	340	16			10	27					30	19	60	26			50	21	360	9	170	24
1500	330	16	310	34			220	14					40	7	40	25			60	25	50	14	180	18
2000	310	22	310	32			280	30					290	8	30	20			60	22			180	2
3000	320	23											250	9	350	4					130	6		
4000	340	21											220	8										
5000	320	28																						
6000	300	40																						
7000																								
8000																								

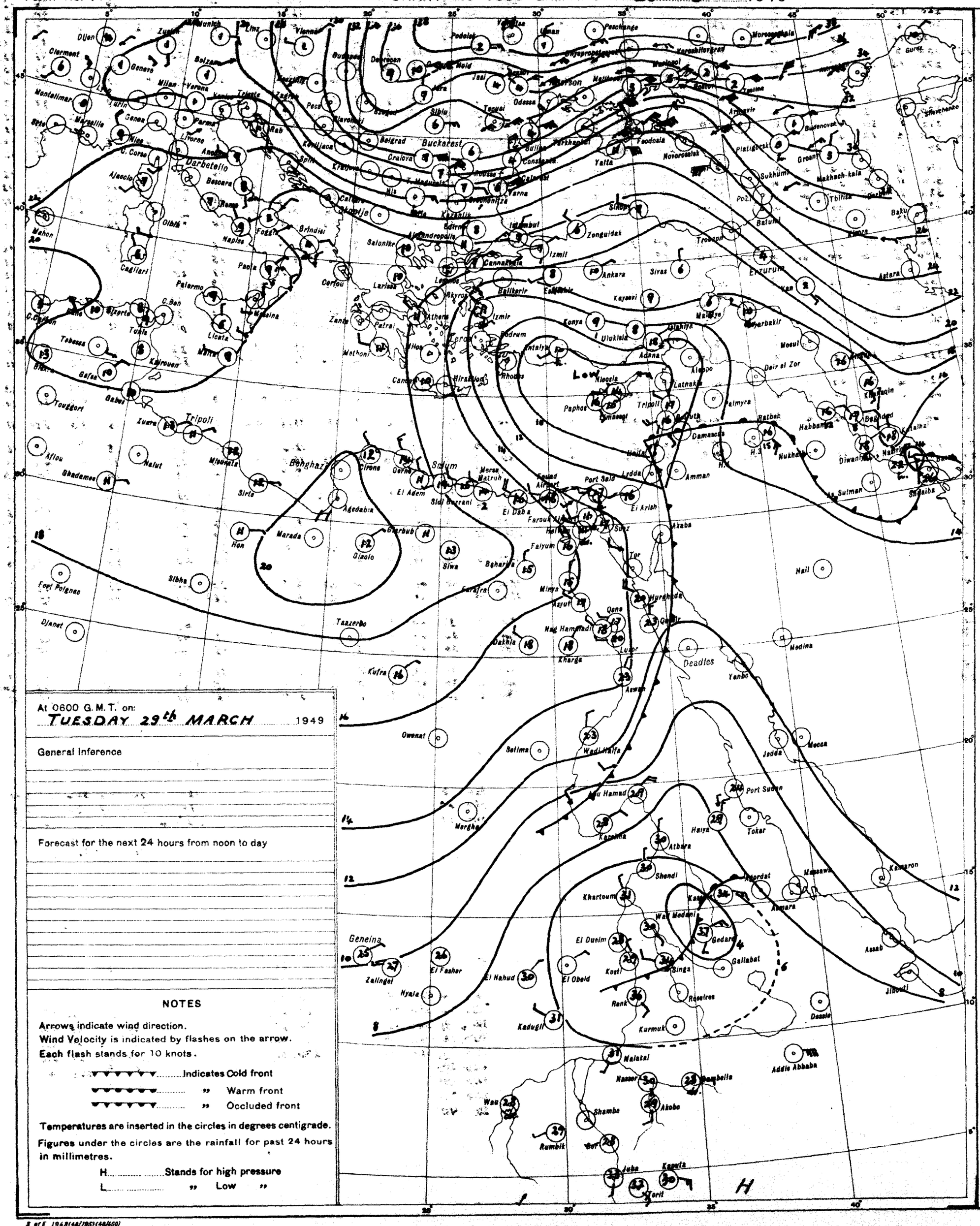
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450)

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 29 - 3 - 1949



At 0600 G.M.T. on:
TUESDAY 29th MARCH 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

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

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

Temperatures are inserted in the circles in degrees centigrade.

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

H Stands for high pressure
L " Low "

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

S of E 1948(48/785)(48/450)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 48 G. M. T.

" " Sunset 16 12 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: WEDNESDAY 30th MARCH, 1949

At 1200 on Tues 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	230	8	7	03	1	5	Ac	15.0	18	46	6
	62303	SÎDI BARÂNI	290	13	50	03	1	4	Cu	14.5	16	77	12
	62306	MATRÛH	330	19	18	02	2	5	Sc	16.4	17	64	10
	62309	EL DABA	320	20		01	1	3	cb	15.1	17	60	9
		ALEXANDRIA	310	10	50	02	2	3	C.Sc	15.0	18	73	12
	62318	FOUAD (Airport)	280	14	30	02	2	5	Cu	15.0	18	73	13
	62330	DAMIETTA	290	5		01	8	4	Cu	14.3	18	73	13
	62332	PORT SA'ID	300	22	30	03	8	3	C.Sc	14.0	19	64	12
	62336	EL 'ARISH	320	9	35	01	1	3	Cu	16.3	20	73	15
Lower Egypt	62339	DAMANHUR	40	9	15	02	1	4	Cu	15.0	19	64	12
	62342	MANSURA	320	9	35	03	2	6	Sc.Cu	14.7	21	50	10
	62348	TANTA	310	13	35	02	1	6	Cu	15.4	21	50	10
	62354	ZAGAZIG	320	5	7	02	1	4	Ac	15.0	22	57	13
	62441	ISMA'ILIA	290	2	7	01	2	5	Sc	13.8	22	44	9
Cairo Area	62366	FAROUK (Airport)	320	10	30	01	2	5	Sc	14.5	21	53	11
	62372	ALMAZA											
		EZBEKÎYA	360	10	35	03	2	3	Cu	14.6	23	38	1
		GÎZA	360	10	35	03	2	3	Cu	14.3	23	38	8
	62378	HELWÂN	290	6	50	02	2	6	Cu	14.6	21	41	7
Upper Egypt	62381	FAIYÛM	330	5	35	01	2	5	C.Sc	14.8	22	44	9
	62387	MINYA	20	13	14	02	0	3	Cu	15.0	23	41	7
	62393	ASYÛT	320	8	30	01	0	1	Cu	13.4	24	28	4
	62399	NAG' HAMMADI	270	4	7	00	0	0	-	12.3	27	33	9
	62402	QENA	270	5	50	00	2	0	-				8
	62405	LUXOR	20	7	30	01	2	3	Cu.Cs	11.3	31	15	1
	62414	ASWÂN	360	14	50	02	2	8	Sc.Cu	11.6	25	34	8
Oases	62417	SÎWA	00	0	35	00	0	0	-	18.3	22	65	15
	62420	BAHARIYA	360	3	35	01	1	2	Cu	15.9	23	32	5
	62423	FARAFRA											
	62432	DAKHLA	340	9	50	00	0	0	-	14.3	25	28	5
	62435	KHARGA	20	3	35	00	0	0	-	13.6	26	25	4
Red Sea	62450	SUEZ	310	12	35	01	1	4	Cu	12.7	23	33	8
	62459	TÛR											
	62462	HURGHADA	340	22		01	2	3	Ci	11.1	22	83	19
	62465	QUSEIR	20	13	15	00	2	8	Ac	11.9	24	61	18
	62641	PORT SUDÂN											
North Sudan	62600	WÂDI HALFA	30	16	30	02	2	7	Ac.Ci	8.6	33	19	6
	62640	ABU HAMAD	50	9		00	0	0	-	2.8			2
	62660	KAREIMA											
	62680	'ATBARA	360	9	30	02	0	1	Ci	1.3	41	11	5
	62721	KHARTÛM	290	5	30	03	0	3	Cu.Ci	0.6	42	9	3
	62780	KASSALA	20	9	10	07	0	3	Ci	999.1	42	11	5
Central Sudan	62751	WÂD MEDANI	300	5	35	01	1	4	Cu	999.1	43	7	0
	62801	RENK											
	62802	ROSEIRES	310	9	35	00	0	0	-		43	15	11
	62771	EL OBEID	60	6	30	02	1	8	Ac	0.9	40	10	2
	62760	EL FÂSHER	70	5	30	02	1	7	Cs		37	13	4
	62770	GENEINA											
S. Sudan	62840	MALAKÂL	270	5		21	9	8	Cu,Ac	1.5	37	34	20
	62880	WÂU	00	0	30	02	1	7	Cu.Ci	1.6	39	28	17
	62941	JUBA	180	5		03	2	8	Cu.Cs	0.4	39	21	13

At 1800 on Tues 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	Rain Past 12 hrs mms
Mediterranean	62300	SALÛM	290	4	7	01	0	1	Cb		14	67	8	0
	62303	SÎDI BARÂNI	320	16		01	1	1	Cu	17.6	14	88	12	0
	62306	MATRÛH	310	18	12	01	1	4	Sc	16.8	14	67	8	0
	62309	EL DABA	320	14		01	1	0	-				6	
		ALEXANDRIA	310	6	3	01	2	3	Sc.Cu	16.0	15	77	11	0
	62318	FOUAD (Airport)	310	12	12	02	1	5	Sc	15.1	15	72	10	0
	62330	DAMIETTA	290	5		02	0	1	Cu	14.8	15	88	13	dr
	62332	PORT SA'ID	300	19	18	02	1	0	-	14.2	16	77	12	1
	62336	EL 'ARISH	320	9	7	01	0	1	Cu		16	68	10	0
Lower Egypt	62339	DAMANHUR	360	5	7	01	1	2	Cu	15.2	13	88	11	0
	62342	MANSURA	320	5	3	00	1	0	-	15.4	15	77	11	0
	62348	TANTA	00	0	35	01	1	3	Cu	15.9	14	77	10	0
	62354	ZAGAZIG	320	2	3	00	1	0	-	14.2	15	88	13	0
	62441	ISMA'ILIA	340	2	3	02	0	0	-	15.4	17	68	11	0
Cairo Area	62366	FAROUK (Airport)	360	7	10	00	0	0	-	14.9	18	68	12	0
	62372	ALMAZA												
		EZBEKÎYA	360	4	15	00	2	0	-	15.0	17	68	11	0
		GÎZA	360	4	15	00	2	0	-	15.4	17	63	10	0
	62378	HELWÂN	320	7	35	01	0	0	-	15.1	18	52	8	0
Upper Egypt	62381	FAIYÛM	00	0	35	01	1	2	Cu.Sc	14.2	18	73	13	0
	62387	MINYA	00	0	10	00	0	0	-	14.5	16	59	8	0
	62393	ASYÛT	320	3	30	00	0	0	-	15.1	16	62	9	0
	62399	NAG' HAMMADI	360	1	7	00	0	0	-	14.8	18	52	8	0
	62402	QENA	270	5	7	00	0	0	-	12.2	20	56	11	0
	62405	LUXOR	00	0	30	00	0	0	-	13.9	21	33	17	0
	62414	ASWÂN	360	12	50	00	0	0	-	14.2	18	28	16	0
Oases	62417	SÎWA	00	0	35	00	0	0	-	17.6	14	22	7	0
	62420	BAHARIYA	360	4	35	02	2	0	-	16.6	14	24	8	0
	62423	FARAFRA												
	62432	DAKHLA			35	00	0	0	-	16.1	17	26	10	0
	62435	KHARGA	20	1	35	00	0	0	-	15.0	17	27		0
Red Sea	62450	SUEZ	00	0	35	00	1	3	Cu	14.3	16	26	13	0
	62459	TÛR												
	62462	HURGHADA	290	17		00	0	0	-	13.0	20	22	15	
	62465	QUSEIR	360	19	15	02	0	0	-	13.4	21	24	17	0
	62641	PORT SUDÂN	340	14	7	03	2	8	Sc	9.7	26	31	24	0
North Sudan	62600	WÂDI HALFA	20	19	30	03	1	8	Ac	12.6	21	34	19	0
	62640	ABU HAMAD	50	19	30	00	0	0	-	7.3	25	40	23	0
	62660	KAREIMA	20	13	10	00	0	0	-	7.7	26	41	23	
	62680	'ATBARA	340	9	30	03	1	4	Ac	5.1	27	42	25	0
	62721	KHARTÛM	340	9	7	05	1	7	Ac	5.6	29	43		0
	62780	KASSALA	110	4	30	02	1	8	Ac	2.7	32	43	27	0
Central Sudan	62751	WÂD MEDANI	360	9	7	02	1	7	Ac	5.1	29	44	26	0
	62801	RENK	50	5	50	01	1	4	Ci	5.6	30			
	62802	ROSEIRES	180	9	35	00	0	0	-		32	45	28	
	62771	EL OBEID	00	0	30	01	1	7	Ac	6.0	29	42		
	62760	EL FÂSHER	00	0	30	00	0	2	Ci		23	39	19	
	62770	GENEINA	130	1	30	02	2	7	Ac		23	40	21	
S. Sudan	62840	MALAKÂL	270	10	30	02	2	8	Ac,Cs	7.9	27	39	26	
	62880	WÂU	170	5	30	28	8	8	Ac	8.8	23	39	20	
	62941	JUBA	310	5	30	29	9	8	Sc,Ac,Cu	9.7	25	41	24	

At 0600 on WEDNESDAY 30th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	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	6	7	00	0	3	Ac	16.4		14	19		8		67	8	0		
SÎDI BARÂNI	320	8	50	03	0	4	Cu,Ac	16.3		15	17		12		77	11	0	267	
MATRÛH	280	5	13	02	1	3	Sc,Cu	15.4		13	19		9		72	9	0		
EL DABA	270	8		01	1	3	cb	15.2		15			9		68	9	0	162	
ALEXANDRIA	310	5	50	02	2	3	Cu,Sc	15.4	+0.3	16	19	-3	14	0	59	8	0	251	181
FOUAD (Airport)	310	7	18	01	1	3	Cu,Cu	14.7		16	20		12		59	8	0	253	137
DAMIETTA	200	2		02	1	2	Cu	15.2	+0.1	15	19		7		77	11	dr	315	101
PORT SA'ID	240	10	12	02	0	1	cb,Ac	14.9		16	21		13		68	10	1	60	
EL 'ARISH	230	-	35	03	1	3	Cu	15.0	0.0	18	21	-1	12	+1	73	13	0		84
DAMANHUR	360	9	7	02	1	3	Cu	15.5	+0.2	16	20	-5	10	-1	68	10	0	98	93
MANSURA	270	2	35	02	1	4	Ac	15.4	0.0	15	22	-3	9	-2	77	11	0	40	47
TANTA	00	0	35	02	1	0	-	16.3	+0.7	13	22	-4	8	-2	88	11	0	28	34
ZAGAZIG	220	2	7	00	0	0	-	15.5	+0.1	15	24	-2	9	-1	88	13	0	17	24
ISMA'ILIA	320	2	3	02	1	3	As	15.5		15	24		13		68	9	0	12	
FAROUK (Airport)	250	4	8	05	1	5	Sc	15.9		15	22				72	10	0		
ALMAZA	270	5	12	02	1	6	Sc	15.7	+0.2	15			10		72	10	0		
EZBEKÎYA	340	2	15	00	0	0	-	15.8	+0.3	14	23	-3	11	-1	77	10	0	8	22
GÎZA	340	2	15	00	0	0	-	15.6	-0.3	17	23	-3	8	-1	66	10	0	14	21
HELWÂN	00	0	7	01	0	1	Cu	15.8	+0.4	14	22	-4	10	-2	88	12	0	15	24
FAIYÛM	00	0	35	02	0	0	-	15.8	+0.1	15	23	-4	10	-1	77	11	0	6	7
MINYA	00	6	8	00	0	0	-	16.2		14	24		10		77	10	0	5	
ASYÛT	320	3	30	00	0	0	-	15.1		16	25		11		64	9	0	0	
NAG' HAMMADI	360	1	7	00	0	0	-	14.8	+0.4	18	28		9		52	8	0	0	
QENA	270	5	7	00	0	0	-	14.6	+0.6	18	31	-2	13	-1	46	6	0	dr	
LUXOR	00	0	30	00	0	0	-	13.9		21	33		17		33	4	0	dr	
ASWÂN	360	12	50	00	0	0	-	14.2	+0.6	18	28	-5	16	-1	78	14	0	dr	
SÎWA	00	0	35	00	0	0	-	17.6	+0.8	14	22	-5	7	-3	67	8	0	dr	7
BAHARIYA	360	4	35	02	2	0	-	16.6	+0.4	14	24	-4	8	-2	77	10	0	dr	7
FARAFRA																			
DAKHLA			35	00	0	0	-	16.1	+0.9	17	26	-5	10	-2	34	1	0	dr	
KHARGA	20	1	35	00	0	0	-	15.0	+0.3	17	27	-4			42	4	0	0	
SUEZ	00	0	35	00	1	3	Cu	14.3	-1.1	16	26	0	13	0	68	10	0	12	14
TÛR																			13
HURGHADA	290	17		00	0	0	-	13.0		20	22		15		69	14	0	7	
QUSEIR	360	19	15	02	0	0	-	13.4	+0.1	21	24	-2	17	-1	50	10	0	0	4
PORT SUDÂN	340	14	7	03	2	8	Sc	9.7		26	31		24		84	23	0	34	95
WÂDI HALFA	20	19	30	03	1	8	Ac	12.6		21	34		19		35	5	0	12	
ABU HAMAD	50	19	30	00	0	0	-	7.3		25	40		23		24	3	0		
KAREIMA	20	13	10	00	0	0	-	7.7		26	41		23		23	3	0	3	1
'ATBARA	340	9	30	03	1	4	Ac	5.1		27	42		25		45	14	0	7	2
KHARTÛM	340	9	7	05	1	7	Ac	5.6		29	43				20	4	0	10	4
KASSALA	110	4	30	02	1	8	Ac	2.7		32	43		27		36	15	0	10	8
WÂD MEDANI	360	9	7	02	1	7	Ac	5.1		29	44		26		17	1	0	11	12
RENK	50	5	50	01	1	4	Ci	5.6		30					43	16	0	0	49
ROSEIRES	180	9	35	00	0	0	-			32	45		28		38	16	0	3	38
EL OBEID	00	0	30	01	1	7	Ac	6.0		29	42				20	4	0	11	16
EL FÂSHER	00	0	30	00	0	2	Ci			23	39		19		27	3	0	0	6
GENEINA	130	1	30	02	2	7	Ac			23	40		21		32	5	0		4
MALAKÂL	270	10	30	02	2	8	Ac,Cs	7.9		27	39		26		66	20	1	71	93
WÂU	170	5	30	28	8	8	Ac	8.8		23	39		20		78	19	2	271	173
JUBA	310	5	30	29	9	8	Sc,Ac,Cu	9.7		25	41		24		94	24	2	152	190

HUMIDITY

Mean of day %

STATION	on 29th	Diff. from normal
Alexandria	72	+7
Ezbekiya	65	+7
Giza	62	+2
Helwân	66	+22

GÎZA

GRASS MINIMUM TEMP. ON 30th 4.0 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent: On ... At ...

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

Remarks

RAWINSONDE

On 30th Farouk At 3 AIRPORT

Pressure mbs	Height above M.S.L. ~~metres~~	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	120	10	95	300	4
950					
900					
850	1462	6	53	290	21
800					
700	3029	-2		290	25
600					
500	5612	-19		280	55
400		-38			
300					

On ... At ... AIRPORT

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

UPPER WIND OBSERVATIONS on 29th

Station	Matruh		Fouad A.P.		Minia	
Time	15		15		15	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	320	31	310	24	350	13
600	320	32	320	23	350	11
1000	320	25			330	14
1500	330	25			330	14
2000					340	14
3000						
4000						
5000						
6000						
7000						
8000						

UPPER WIND OBSERVATIONS on 30th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'id		El 'Arish		Helwân		Minya		Asyût Manqabad		Luxor		Aswân		Hurghada		Farouk	
Time	5										6 45		3		9		5 45		5				3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	320	13									330	2	10	23	360	8	360	9	360	13			320	5
600	320	12									320	3	10	24	350	9	360	14	10	24			320	8
1000	310	12									330	7	10	24	340	10	350	17	10	24			320	11
1500	290	22									300	21	360	28	320	16	340	27	300	19			290	21
2000	300	24									Fnt. Cu		360	26	300	14			230	31			280	26
3000															280	12							290	25
4000															270	14								
5000																							280	38
6000																								
7000																								
8000																								

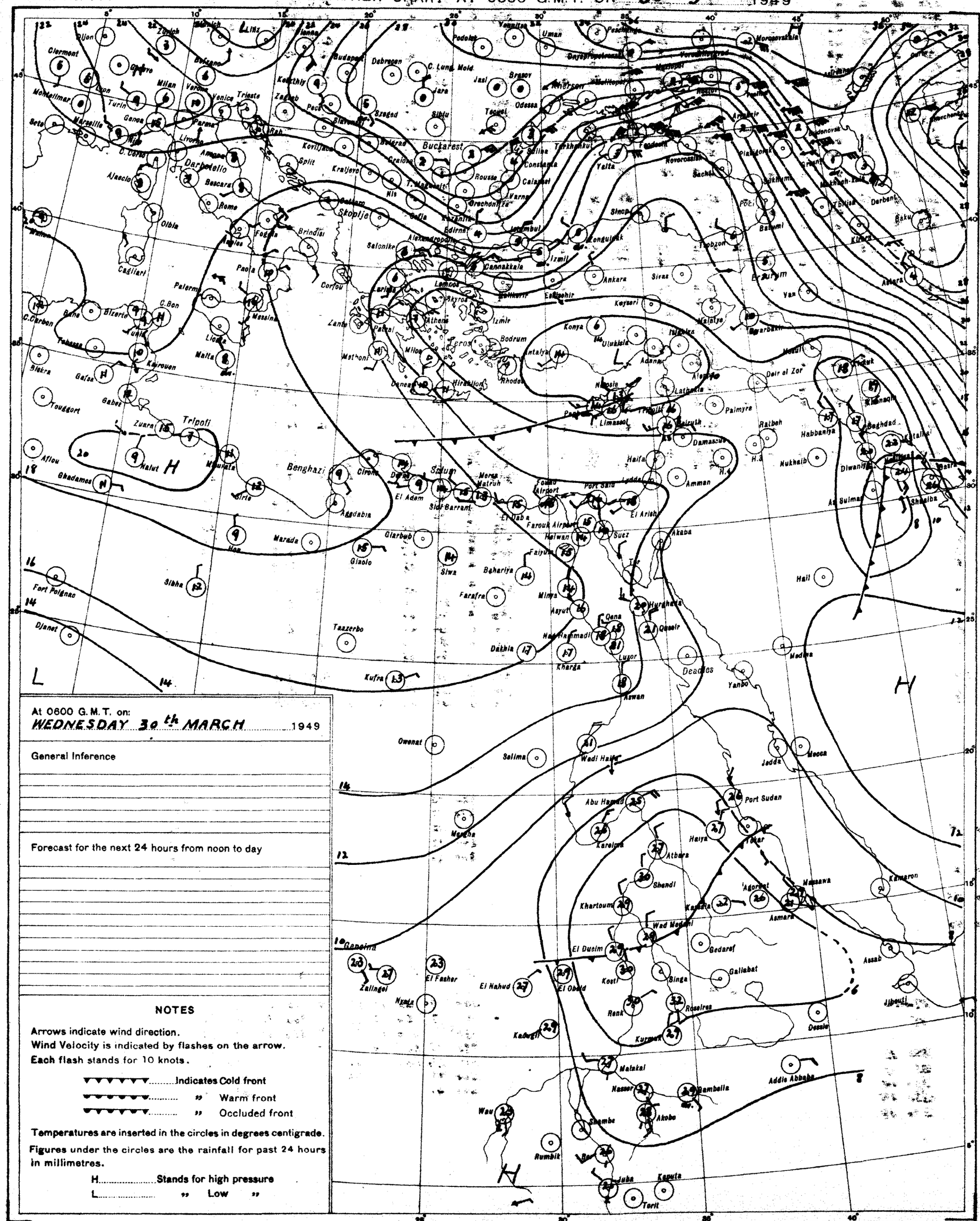
Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	5		5		5		3		4				4 15				4		4		4			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	360	17	30	10	270	6	10	14	20	15							160	7						
600	110	7	350	12	280	2	360	15	10	24			30	27			100	11						
1000	170	7	320	17	350	8	360	14	20	17			60	31			90	16	10	14	120	6		
1500	290	15	300	19	350	19			350	12			40	16			40	20	50	21	100	9		
2000	310	23	300	23	320	20			290	6			300	11			50	17	70	10				
3000	300	28			340	27			290	10							20	6	40	5	150	9		
4000	300	41							330	14														
5000																								
6000																								
7000																								
8000																								

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

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 30 - 3 - 1949



At 0600 G.M.T. on:
WEDNESDAY 30th MARCH 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

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

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

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

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

S of E 1948(48/195)(44/450)

SCALE 1:15,000,000

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 No 7 F.

DAILY WEATHER REPORT

Date: THURSDAY 31st MARCH, 1949

At 1200 on Wed 30th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	40	6	7	03	2	8	Ac	15.0	16	59	8
	62303	SIDI BARANI											
	62306	MATRUH			15	03	1	6	Sc	16.3	16	64	9
	62309	EL DABA	320	16		01	1	6	Cu	14.7	17	60	9
		ALEXANDRIA	310	9	50	02	2	4	Cu, Sc	14.6	18	52	8
	62318	FOUAD (Airport)	310	9	18	02	1	3	Cu	14.6	18	46	6
	62330	DAMIETTA	320	5	15	02	1	2	Cu	15.6	19	52	9
	62333	PORT SA'ID	360	8	30	01	1	1	Sc, Cu	14.8	19	52	9
	62336	EL 'ARISH	320	13	35	01	0	2	Cu	14.4	18	73	13
Lower Egypt	62339	DAMANHUR	360	9	15	02	1	2	Cu	15.0	21	50	10
	62342	MANSURA	320	5	35	03	2	6	Cu	14.2	21	41	7
	62346	TANTA	00	0	35	03	1	4	Cu	15.4	22	44	9
	62354	ZAGAZIG	320	5	15	02	1	4	Ac	14.4	22	50	11
	62441	ISMAILIA	320	2	3	03	2	6	As	14.0	22	36	6
Cairo Area	62366	FAROUK (Airport)	290	10	8	05	2	1	Cu	14.7	20	49	9
	62372	ALMAZA	360	10	18	01	1	0	-	14.6	20	41	6
		EZBEKIYA	340	6	35	00	0	0	-	14.4	21	41	7
		GIZA	340	6	35	00	0	0	-	14.0	22	36	6
	62378	HELWAN	320	6	35	02	0	0	-	14.0	20	41	6
Upper Egypt	62381	FAIYUM	330	5	35	02	0	0	-	14.4	21	41	7
	62387	MINYA	360	14	14	02	0	1	Cu	14.1	24	18	-2
	62393	ASYUT MANFALUT	320	6	30	00	0	0	-	12.5	24	26	3
	62399	NAG' HAMMADI	320	6	15	00	0	0	-	11.2	26	30	7
	62402	QENA	290	5	50	00	0	0	-	10.8	29	19	3
	62405	LUXOR	320	13	30	00	0	0	-	10.4	27	12	-5
	62414	ASWAN	360	10	50	00	0	0	-	10.0	27	20	2
Oases	62417	SIWA	00	0	35	00	0	0	-	17.1	23	50	12
	62420	BAHARIYA	360	2	35	02	0	0	-	15.0	22	29	3
	62423	FARAFRA											
	62432	DAKHLA	320	10	50	00	0	0	-	11.9	25	17	-2
	62435	KHARGA	20	2	35	00	0	0	-	12.6	26	23	3
Red Sea	62450	SUEZ	00	0	35	02	1	3	As	12.7	21	41	7
	62459	TOR											
	62462	HURGHADA	340	16		00	0	0	-	11.8	22	50	11
	62465	QUSEIR	360	19	15	02	0	0	-	11.8	23	44	10
	62641	PORT SUDAN											
North Sudan	62600	WADI HALFA											
	62640	ABU HAMAD											
	62660	KAREIMA											
	62680	ATBARA											
	62721	KHARTUM											
	62730	KASSALA											
Central Sudan	62751	WAD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID											
	62760	EL FASHER											
	62770	GENEINA											
S. Sudan	62840	MALAKAL											
	62880	WAU											
	62941	JUBA											

At 1800 on Wed 30th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	360	3	7	21	6	8	cb	14.2	13	88	11	1
SIDI BARANI	160	3	35	50	5	8	cb	14.6	13	95	13	R
MATRUH	360	1	12	03	2	8	Cu, Sc	14.7	14	77	10	0
EL DABA	320	9		01	1	4	Cu		16	59	8	0
ALEXANDRIA	360	1	12	01	1	0		14.0	14	77	10	0
FOUAD (Airport)	320	2		02	1	1	Sc	14.3	15	77	11	0
DAMIETTA	360	9	15	02	0	1	Cu	14.3	16	68	10	0
PORT SA'ID	360	5	7	01	0	0	-	13.9	16	88	10	0
EL 'ARISH												
DAMANHUR	340	5	3	00	1	0	-	15.0	15	68	9	0
MANSURA	00	0	35	03	2	6	Cu	15.4	15	77	11	0
TANTA	40	5	3	00	1	0	-	14.4	16	77	12	0
ZAGAZIG	20	5	3	01	0	0	-	14.7	16	69	8	0
ISMAILIA												
FAROUK (Airport)	40	9	12	00	1	0	-	14.7	18	56	9	0
ALMAZA	40	7	11	00	1	-	-	13.5	18	46	6	0
EZBEKIYA	00	0	15	00	0	0		14.2	17	52	7	0
GIZA	00	0	15	00	0	0	-	14.6	18	46	6	0
HELWAN	340	5	35	00	0	0	-	14.3	17	42	4	0
FAIYUM	00	0	35	02	0	0	-	13.8	16	59	8	0
MINYA	40	2	10	00	0	0	-	13.5	16	49	5	0
ASYUT MANFALUT												
NAG' HAMMADI												
QENA	270	2	7	00	0	0	-	12.7	20	41	6	0
LUXOR	340	4	12	00	0	0	-	10.8	20	35	4	0
ASWAN	360	4	50	00	0	0	-	10.7	23	24	1	0
SIWA	00	0	7	00	0	0	-	17.2	15	59	7	0
BAHARIYA	00	0	15	02	0	0	-	13.9	18	46	6	0
FARAFRA												
DAKHLA	360	3	35	00	0	0	-	11.8	22	16	-5	0
KHARGA	00	0	15	00	0	0	-	11.4	20	33	3	0
SUEZ	360	8	15	01	0	0	-	13.0	18	52	8	0
TOR												
HURGHADA	310	12		00	0	0	-	11.0	21	57	12	0
QUSEIR	330	13	15	02	0	0	-	11.4	21	41	7	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on THURSDAY 31st

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Temp. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
SALUM	290	11	7	02	0	0	-	13.9		11	19		8		88	9	5		
SIDI BARANI	270	10	50	01	6	6	Sc, Cu	13.8		13	17		9		88	11	4	271	
MATRUH	280	9	14	02	2	6	Sc	13.5		13	16		10		82	10	2		
EL DABA	220	20		01	1	5	Cu	14.2		15			11		68	9	2	164	
ALEXANDRIA	220	10	50	03	6	8	cb	13.3	-1.8	18			12	-2	77	9	3	254	181
FOUAD (Airport)	180	18	12	27	6	7	Cu, Ac	12.4		12	20		11		88	10	4	257	187
DAMIETTA	200	5		42	2	8	Cu, Sc	14.0	-1.0	14	22		11		88	12	0	315	101
PORT SA'ID	160	8	18	03	0	7	Ac	13.7		15	21		14		72	10	0	60	
EL 'ARISH			35	02	0	0	-	13.9	-1.0	16	20	-2	11	0	68	10	0		85
DAMANHUR	270	9	7	03	2	8	As	14.3	-0.9	13			10	-1	82	10	dr	98	93
MANSURA	360	5	15	03	2	7	Sc, Cu	14.2	-1.2	13	23	-2	10	-1	88	11	0	40	47
TANTA	270	2	35	03	5	8	cb	15.1	-0.4	12	23	-3	9	-1	95	12	dr	28	34
ZAGAZIG	320	2	3	03	1	8	As	13.8	-1.6	15	23	-3	11	+1	77	11	0	17	24
ISMAILIA	160	2	3	02	1	4	Ac	13.3		14	22		12		67	8	0	12	
FAROUK (Airport)	290	10	12	03	0	5	Sc	13.7		14	22		13		82	11	0		
ALMAZA	300	8	8	03	0	7	Sc, Ac	13.6	-1.8	14	21		12		67	8	0		
EZBEKIYA	320	9	7	53	5	8	cb	14.6	-0.8	13	22	-4	11	-1	88	11	dr	8	22
GIZA	320	9	7	53	5	8	cb	14.4	-1.4	13	23	-3	9	0	85	11	dr	14	21
HELWAN	320	12	7	00	2	7	cb, Cu	13.5	-1.8	16	21	-5	11	-2	59	8	0	15	24
FAIYUM	00	0	35	00	2	7	St	13.9	-1.7	16	23	-4	11	0	59	8	0	6	7
MINYA	00	0	5	10	0	2	Ac	12.8		15	24		7		68	9	0	5	
ASYUT MANFALUT	00	0	18	00	0	0	-	12.6		16	25		10		52	6	0	0	
NAG' HAMMADI	160	1	15	00	0	0	-	12.2	-2.1	20			9		41	6	0	0	
QENA	270	2	15	00	0	0	-	12.8	-1.1	20	30	-3	11	-3	43	7	0	dr	
LUXOR	00	0	30	00	0	0	-	13.3		20	27		9		24	-1	0	dr	
ASWAN	00	0	50	00	0	0	-	13.0	-0.5	18	28	-5	12	-5	52	8	0	dr	
SIWA	00	0	35	00	0	0	-	15.1	-1.6	15	27	0	9	-1	68	9	0	dr	7
BAHARIYA	360	8	35	02	1	3	Ac	13.8	-2.3	15	24	-4	10	-1	48	4	0	dr	7
FARAFRA																			
DAKHLA	90	4	35	00	0	0	-	11.5	-3.6	16	26	-5	10	-2	32	-1	0	dr	
KHARGA	00	0	18	00	0	0	-	12.8	-1.8	18	26	-5	9	-4	37	3	0	0	
SUEZ	00	0	35	00	2	6	Sc, Cu	12.7	-2.6	17	23	-3	11	-2	60	9	0	12	14
TOR																			13
HURGHADA	280	5		03	0	0	-	12.2		20	22		12		35	4	0	7	3
QUSEIR	310	5	15	02	0	0	-	12.4	-0.8	23	24	-2	16	-2	32	5	0	0	4
PORT SUDAN	340	10	10	02	2	8	Sc	10.3		23	29		22		42	11	dr	34	95
WADI HALFA	10	7	30	01	1	0	-	12.0		19	30		14		32	2	0	4	
ABU HAMAD	20	13	30	02	0	1	Cu	8.3		25	38		21		15	-4	0		
KAREIMA	50	7	30	03	2	8	cs	8.3		25	37		23		24	3	0	3	1
ATBARA	20	9	30	03	1	8		7.4		26	39		25		32	8	0	7	2
KHARTUM	20	12	10	05	1	8	Ac, cs	6.4		29	41		27		15	0	0	10	4
KASSALA	230	9	30	03	1	8	cs	5.3		32	44		26		36	15	0	10	8
WAD MEDANI	360	5	7	02	1	7	Cc	5.4		29	41		24		20	4	0	11	12
RENK	310	2	50	00	0	0	-	7.9		32	40		25		41	17	0	0	49
ROSEIRES	180	9	35	00	0	0	-			32	41		27		43	18	0	3	38
EL OBEID	330	6	10	01	0	1	Ac, Cu	7.4		29	37		22		22	5	0	11	16
EL FASHER	50	5	10	01	0	4	Cu			26	37		24		21	2	0	0	6
GENEINA	00	0	30	01	0	5	Cu			21	37		17		26	1	0		4
MALAKAL	100	2	30	17	2	8	Cu, Sc	8.0		24	36		21		94	23	13	84	93
WAU	180	1	30	02	1	7	Ac	7.5		25	36		24		79	21	4	275	174
JUBA	180	2	30	02	1	3	Ac, Cu	7.5		28	35		23		66	21	0	152	192

HUMIDITY

Mean of day %

Station	on 30th	Diff. from normal
Alexandria	64	-2
Ezbekiya	60	+2
Giza	52	-8
Helwan	48	+4

GIZA GRASS MINIMUM TEMP. ON 31st 5.7 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE

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

UPPER WIND OBSERVATIONS on 30th

Station					Matruh				Fouad A.P.								Almaza				Minia			
Time					13 30				15								13 15				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					310	10			310	13							290	10			360	16		
600					330	13			290	9							310	9			350	18		
1000					350	14			290	7							320	6			350	19		
1500					40	21			280	16							280	9			340	18		
2000					210	13			280	24							270	9			320	17		
3000									250	23							260	16						
4000																	260	15						
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 31st

Station	Sidi Barani		Matruh		Fouad Airport		Port Sa'id		El 'Arish		Helwan		Minya		Manfalut		Luxor		Aswan		Hurghada		
Time	5										7 45		3 15		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	290	18									340	24	330	13	90	2			20	4				
600	290	19									340	23	80	13	30	4			30	22				
1000	300	18									310	7	90	31	340	7			50	15				
1500											240	8	90	11	10	15			350	9				
2000											220	17	120	10	320	11			330	9				
3000											240	41	210	18										
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	5		5		5		5				4		4		4		4		4		4 30		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	320	8	40	5	150	23	40	5																
600	320	9	110	7	140	40	40	11			40	24	40	24	360	17	200	3					250	9
1000	330	15	140	8	140	41	40	10			30	15	40	23	30	22	220	21	70	9	70	12	230	10
1500	290	23	200	7	150	41	10	3			10	7	10	16	50	15	210	19	70	12	100	16		
2000	260	22	240	15	160	37					270	12	330	12	350	5	210	19					360	1
3000			230	33									290	10					150	4	210	18	330	8
4000													270	11									100	11
5000																								
6000																								
7000																								
8000																								

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

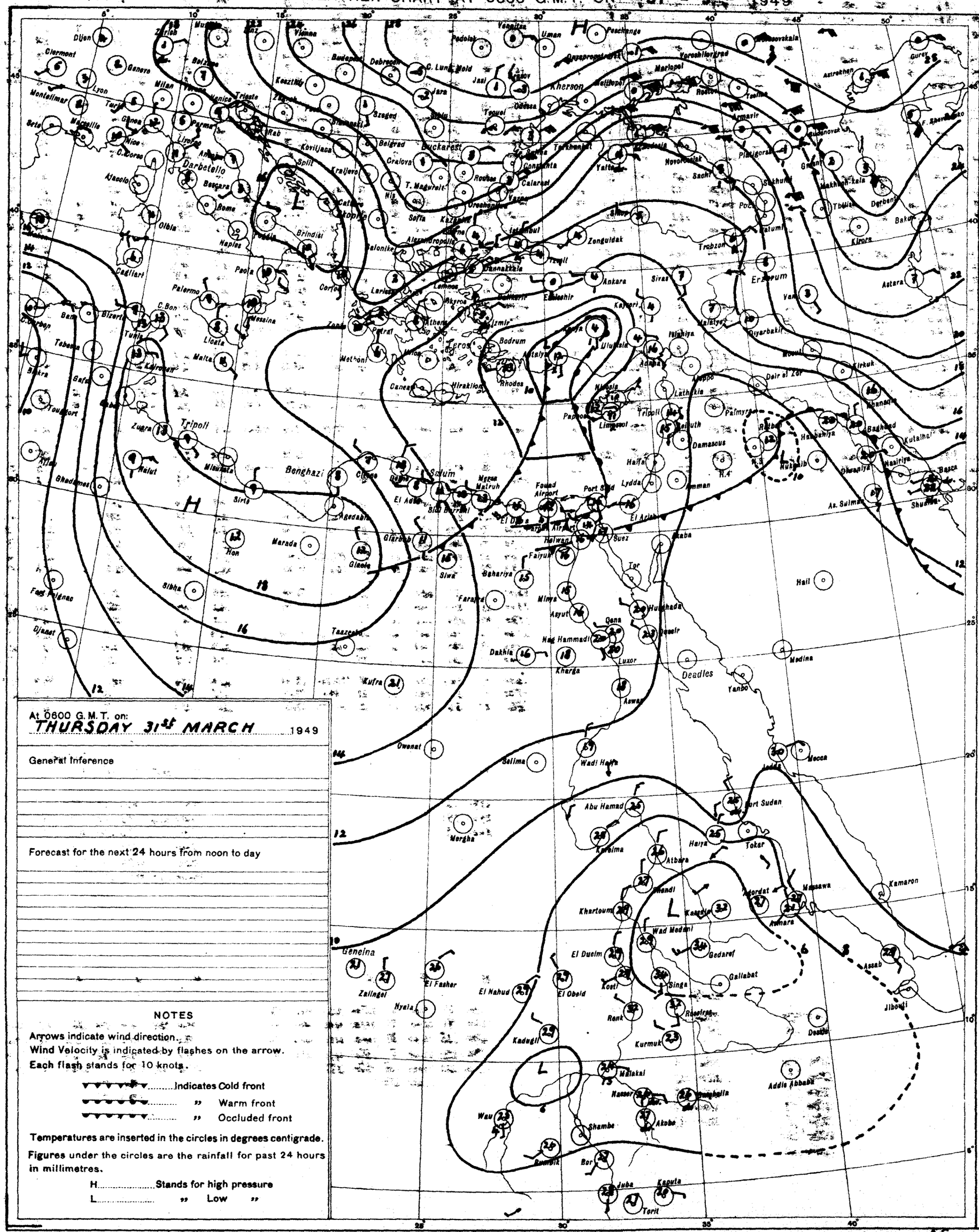
Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

LIBRARY

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 31 - 3 - 1949


Dijon
Clermont
Genova
Lyon
Montelimar
Milan
Marseille
Nice
C. Corso
Ajaccio
Darbetello
Bologna
Rome
Olbia
Naples
Cagliari
Palermo
Messina
Bizerta
Tunis
Tripoli
Benghazi
Sirte
Marada
Siwa
Kufra
Owenat
Selima
Wadi Halfa
Abu Hamad
Port Sudan
Tokar
Massawa
Kamaron
Asmara
Khartoum
Kassala
Gedaref
Gallabat
Geneina
Zalingei
El Fasher
El Nahud
El Obeid
El Dueim
Kosti
Singa
Renk
Kadugli
Kurmuk
Malakal
Nasser
Akobe
Shambe
Wau
Bor
Juba
Kapoeta
Torit
Addis Ababa
Asseb
Jibouti
Deadles
Aden
Mecca
Medina
Yanbo
Suez
Tor
Hurghada
Luxor
Aswan
Kharga
Dakhla
Baharia
Faiyum
Minya
Asyut
Qena
Nag Hammadi
Helwan
Port Said
Lydda
Amman
Haifa
Damascus
Beirut
Tripoli
Palmyra
Aleppo
Latakia
Rhodes
Bodrum
Izmir
Athens
Salonika
Istanbul
Ankara
Sivas
Erzerum
Trabzon
Batum
Tiflis
Baku
Derbent
Kirovs
Astara
Van
Diyarbakir
Mosul
Kirkuk
Baghdad
Basra
Kuwait
Bahrein
Hail
Medina
Deadles
Kamaron
Asseb
Jibouti
Addis Ababa
Mecca
Port Sudan
Tokar
Massawa
Asmara
Gedaref
Gallabat
Khartoum
Wad Medani
Kassala
Atbara
Berber
Merowe
Wadi Halfa
Selima
Owenat
Kufra
Siwa
Marada
Sirte
Benghazi
Tripoli
Tunis
Bizerta
Malta
Palermo
Messina
Naples
Rome
Cagliari
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Brindisi
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Clermont
Dijon
Marseille
Nice
Ajaccio
Olbia
Bucharest
Constanta
Odessa
Sevastopol
Kherson
Nikolayev
Rostov
Taganrog
Krasnodar
Novorossiysk
Sochi
Tuapse
Yalta
Simferopol
Kerch
Astrakhen
Gurev
Makhach-kala
Derbent
Tiflis
Batum
Trabzon
Zonguldak
Samsun
Sivas
Erzerum
Van
Diyarbakir
Mosul
Kirkuk
Baghdad
Basra
Kuwait
Bahrein
Hail
Medina
Deadles
Yanbo
Mecca
Jidda
Port Sudan
Tokar
Massawa
Asmara
Kamaron
Asseb
Jibouti
Addis Ababa
Geneina
Zalingei
El Fasher
El Nahud
El Obeid
Nyala
Kadugli
Kurmuk
Renk
Kosti
Singa

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 No 7 F.

DAILY WEATHER REPORT

Date : FRIDAY 1st APRIL ,, 1949

At 1200 on THURS 31st

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALÛM	360	13	7	03	2	5	Cu.Sc	13.8	15	68	9
	62303	SÎDI BARÂNI	320	6	50	01	1	3	Cu	14.4	15	77	11
	62306	MATRÛH	340	10	15	02	2	4	St	14.0			
	62309	EL DABA	270	16		01	1	4	Cu		16	68	10
		ALEXANDRIA	270	13	50	01	2	5	Cu.Sc	13.5	17	60	9
	62318	FOUAD (Airport)	260	20	18	02	2	6	Cu	13.3	16	64	9
	62330	DAMIETTA	200	9	15	01	1	6	Cu	13.3	18	73	13
	62333	PORT SA'ID	350	19	18	02	6	8	Sc.AC	13.5	16	68	10
	62336	EL 'ARISH	320	5	35	03	2	6	Cb	19.0	19	64	12
LOWER EGYPT	62339	DAMANHUR	310	9	15	01	1	6	Cu	13.8	19	56	10
	62342	MANSURA	220	5	35	03	6	6	Cb	13.5	17	77	13
	62348	TANTA	220	8	35	01	6	5	Cu	13.8	18	73	13
	62354	ZAGAZIG	320	2	15	01	6	3	Ac	13.1	18	83	15
	62441	ISMAÎLÎA	290	15	3	20	5	5	Sc	15.0	19	52	9
CAIRO AREA	62366	FAROUK (Airport)	310	12	17	02	6	6	Cb	14.2	19	56	10
	62372	ALMÂZA											
		EZBEKÎYA	320	4	15	51	5	6	Cb	13.4	20	46	8
		GÎZA	320	4	15	51	5	6	Cb	13.5	20	40	6
	62378	HELWÂN	320	5	35	02	2	7	Cb	13.2	19	46	7
UPPER EGYPT	62381	FAIYÛM	330	5	35	02	2	7	St	13.3	21	41	7
	62387	MINYA	00	0	14	02	0	1	Cu	12.2	26	32	8
	62393	ASYÛT MANGABÂD	340	5	30	00	0	1	[illegible]	10.2	27	20	2
	62399	NAG' HAMMÂDI	00	0	15	02	1	5	Cu.Cs	9.8	31	28	10
	62402	QENA	180	2	50	01	0	2	Cu	10.0	31	22	7
	62405	LUXOR	270	6	30	03	1	3		10.1	30	9	-7
	62414	ASWÂN	340	6	50	01	1	3	Cu	10.2	30	13	-1
OASES	62417	SÎWA	00	0	35	00	0	0	-	14.8	22	44	9
	62420	BAHARÎYA	360	2	35	02	1	2	Ac	12.6	24	26	3
	62423	FARAFRA											
	62432	DAKHLA	250	9	35	00	0	0	-		31	12	-1
	62435	KHARGA	00	0	35	00	0	0	-	11.6	31	12	-1
RED SEA	62450	SUEZ	00	0	35	01	1	4	Cu	12.2	22	36	6
	62459	TÔR											
	62462	HURGHÂDA	40	5		03	0	7	Cu.Ac	11.4	24	61	16
	62465	QUSEIR	70	9	15	02	0	0	-	11.4	23	65	16
	62641	PORT SUDÂN	50	19	10	01	2	6	Ac	8.0	28	58	19
NORTH SÛDÂN	62600	WÂDI HALFA	30	14	30	00	0	0	-	9.0	31	9	-6
	62640	ABU HAMAD	50	3	30	03	1	8	Ac.Cs	5.4	36	12	2
	62660	KAREIMA	50	4	10	02	0	-	-	5.6	36	12	2
	62680	'ATBARA	360	2	30	02	0	7	Ac	4.9	36	20	10
	62721	KHARTÛM	340	7	10	02	1	7	Cu.Cs	2.8	39	16	9
	62730	KASSALA	270	5	30	02	1	8	Cu.Cs	0.3	39	23	14
CENTRAL SÛDÂN	62751	WÂD MEDANI			7	02	1	7	St	999.5	39	20	12
	62801	RENK	310	5	50	00	0	0	-	1.3	40	24	16
	62802	ROSEIRES	230	9	35	00	0	0	-		39	30	18
	62771	EL OBEID	00	0	10	00	0	0	-	1.7	37	20	11
	62760	EL FÂSHER	160	10	30	02	1	0	-		34	16	5
	62770	GENEINA	180	4	30	00	0	2	Cu		36	19	9
S. SÛDÂN	62840	MALAKÂL	200	3	30	01	1	3	Cu	4.8?	33	53	22
	62880	WÂU	170	2	30	00	0	0	-	3.1	35	37	18
	62941	JUBA			10	15	1	5	Cb.Ac	2.6	35	40	19

At 1800 on THURS 31st

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.
62300	SALÛM	320	6	7	01	0	0	-		13	67	7	0
62303	SÎDI BARÂNI	320	5	35	01	1	1	Cu	15.8	13	88	11	0
62306	MATRÛH	340	4	13	02	1	2	Sc	15.8	13	72	8	0
62309	EL DABA	270	10		01	0	0	-		14	77	10	0
	ALEXANDRIA	360	6	7	01	2	3	Sc.Cu	15.6	13	67	7	0
62318	FOUAD (Airport)	280	11	12	02	2	1	Cu	14.9	14	67	8	0
62330	DAMIETTA	290	5		00	0	0	-	16.3	15	68	9	dr
62333	PORT SA'ID												
62336	EL 'ARISH												
62339	DAMANHUR	360	5	7	01	1	0	-	14.4	12	88	10	0
62342	MANSURA	320	5	3	00	1	0	-	14.3	14	77	10	2
62348	TANTA	220	2	35	02	1	5	Cu	14.7	13	67	7	1
62354	ZAGAZIG	320	2	3	00	1	0	-	13.4	14	88	12	2
62441	ISMAÎLÎA	290	2	3	03	1	4	Sc	14.0	17	60	9	dr
62366	FAROUK (Airport)	360	7	8	05	0	0	-	14.5	16	77	12	0.2
62372	ALMÂZA												
	EZBEKÎYA	320	3	15	00	2	0	-	14.0	16	68	10	dr
	GÎZA	320	3	15	00	2	0	-	14.3	17	61	9	dr
62378	HELWÂN	360	8	35	01	0	0	-	13.6	16	59	8	dr
62381	FAIYÛM	20	2	18	01	0	1	St	12.7	18	52	8	0
62387	MINYA	40	10	12	00	0	0	-	12.1	18	52	8	0
62393	ASYÛT MANGABÂD												
62399	NAG' HAMMÂDI	00	0	7	00	0	0	-	9.6	20	46	8	0
62402	QENA	270	2	7	00	0	0	-	10.4	22	44	9	0
62405	LUXOR	00	0	30	00	0	0	-	10.5	23	19	-2	0
62414	ASWÂN	00	0	50	00	0	0	-	11.1	25	17	-2	0
62417	SÎWA	00	0	7	00	0	0	-	17.1	16	59	8	0
62420	BAHARÎYA	360	4	15	02	0	0	-	13.4	17	37	4	0
62423	FARAFRA												
62432	DAKHLA	220	3	35	00	0	0	-	10.4	20	41	6	0
62435	KHARGA	360	2	15	00	0	0	-	10.6	25	26	4	0
62450	SUEZ	00	0	15	01	0	2	Cu	12.8	17	68	11	0
62459	TÔR												
62462	HURGHÂDA				01	0	1	Cu.Sc	12.1	20	73	15	0
62465	QUSEIR	360	9	15	02	0	0	-	11.6	22	65	15	0
62641	PORT SUDÂN												
62600	WÂDI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	'ATBARA												
62721	KHARTÛM												
62730	KASSALA												
62751	WÂD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID												
62760	EL FÂSHER												
62770	GENEINA												
62840	MALAKÂL												
62880	WÂU												
62941	JUBA												

At 0600 on FRIDAY 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.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL Total From Oct. 1st.	RAINFALL Normal From Oct. 1st.
SALUM	320	7	7	02	0	0	-	17.2		14	17		9		77	10	0		
SÎDI BARÂNI	320	8	35	03	0	7	Sc.Cu	17.1		14			11		77	10	0	271	
MATRÛH	310	5	8	02	1	3	Sc	17.7		12			8		72	8	0		
EL DABA	270	16		01	1	3	Cu	18.0		15			10		63	8	0		
ALEXANDRIA	290	10	50	03	2	6	Cu.Sc	17.0	+1.9	15	17	-5	13	-1	48	4	0	255	181
FOUAD (Airport)	260	11	18	01	1	3	Cu	16.6		16	19		10		52	6	0	257	137
DAMIETTA	220	2		03	1	2	Cu	16.9	+2.0	15	19		6		68	9	dr	315	101
PORT SA'ID	260	6	18	02	0	1	Sc	16.7		16			12		68	10	1	61	
EL 'ARISH																			85
DAMANHUR	270	9	15	03	1	4	Cu	17.2	+2.0	13	20	-5	9	-2	77	9	0	98	94
MANSURA	220	2	35	00	0	0	-	17.0	+1.6	14	20	-5	7	-4	77	10	2	62	48
TANTA	220	5	35	01	1	2	Cu	18.0	+2.6	15	21	-5	5	-5	68	9	1	29	35
ZAGAZIG	40	2	7	00	0	0	-	16.7	+1.3	15	21	-5	8	-2	77	18	2	19	25
ISMAÎLÎA	270	2	7	02	0	0	-	17.1		15	21		10		59	7	dr	12	
FAROUK (Airport)	200	3	11	00	0	0	-	17.5		13	20		10		77	9	0.2		
ALMÂZA	00	0	12	00	0	0	-	16.9	+1.5	14			13		67	8	0		
EZBEKÎYA	00	0	15	00	0	0	-	17.5	+2.1	14?	21	-6	10	-2	77	10	dr	8	23
GÎZA	00	0	15	00	0	0	-	17.6	+1.9	17?	22	-4	7	-2	61	10	dr	14	22
HELWÂN	00	0	7	00	1	2	Ac	17.5	+2.3	13	20	-6	9	-4	77	9	dr	45	25
FAIYÛM	360	5	35	02	0	0	-	17.9	+2.3	14	24	-3	9	-2	72	9	0	6	7
MINYA	10	7	8	00	0	0	-	17.2		14	26		9		67	8	0	5	
ASYÛT MANGABÂD	250	2	30	00	0	0	-	16.4		16	29		11		59	8	0	0	
NAG' HAMMÂDI	340	3	15	00	0	0	-	14.8	+0.6	17	31		13		60	9	0	0	
QENA	270	5	15	00	0	0	-	15.0	+1.1	21	32	-1	14	0	41	7	0	dr	
LUXOR	00	0	30	00	0	0	-	13.8		21	31		13		33	4	0	dr	
ASWÂN	00	0	50	00	0	0	-	13.4	0.0	21	31	-2	16	-1	41	7	0	dr	
SÎWA	00	0	35	00	0	0	-	18.4	+1.8	14	23	-4	6	-4	55	5	0	dr	7
BAHARÎYA	360	3	35	02	0	0	-	17.9	+1.9	14	25	-3	8	-3	67	8	0	dr	7
FARAFRA																			
DAKHLA	220	2	35	00	0	0	-	16.9	+1.9	18	32	+1	13	+1	28	-1	0	dr	
KHARGA	20	4	35	00	0	0	-	16.3	+1.8	19	33	+2	16	+3	46	7	0	0	
SUEZ	00	0	35	00	0	0	-	16.0	+0.7	16	24	-2	11	-3	59	8	0	12	15
TÔR																			13
HURGHADA	280	9		00	0	0	-	14.2		19	25		14		49	8	0	7	
QUSEIR	300	9	15	02	0	0	-	13.8	+0.7	21	24	-2	17	-1	50	10	0	0	4
PORT SUDÂN	310	3		00	0	0	-	12.3		27	31		19		33	9	0	34	95
WÂDI HALFA	00	0	30	00	0	0	-	12.9		19	33		14		28	0	0	tr	
ABU HAMAD	50	8	30	00	0	0	-	10.2		24	37		20		13	-7	0		
KAREIMA	50	10	30	00	0	0	-	11.2		25	37		22		16	-3	0	3	1
'ATBARA	70	9	30	00	0	0	-	9.6		29	37		22		15	0	0	7	2
KHARTÛM	50	14	30	00	0	0	-	9.0		29	39		25		7	-10	0	10	4
KASSALA	90	5	30	01	1	2	Cb.Ac	7.6		29	39		23		49	17	6	16	9
WÂD MEDANI	230	5	50	01	1	2	Cu	7.5		30	41		25		43	16	0	11	12
RENK	50	5	50	00	0	0	-	8.7		33	41		25		41	18	0		49
ROSEIRES	130	19		05	0	4	Ac			27	39		28		52	18	0	1	39
EL OBEID	20	6	30	03	0	4	Ac	7.5		30	39		22		86	6	0	11	17
EL FÂSHER	80	5	30	02	1	6	Ac			27	36		25		42	13	8		6
GENEINA	70	2	7	02	2	8	Cs			23	37		20		22	8	0		4
MALAKÂL	30	0	30	60	6	8		8.1		25	34		23		79	21	6	90	94
WÂU	30	0	30	02	1	8	Ac	8.8		23	37		23		94	22	1	276	175
JUBA	230	5	30	03	2	8	Ac.Cs	8.2		27	37		23		74	22	2	157	193

HUMIDITY

Mean of day

STATION	on 31st	Diff. from normal
Alexandria	70	+4
Ezbekiya	67	+10
Giza	69	+9
Helwân	53	+9

GÎZA GRASS MINIMUM TEMP. ON 1st 2.5 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

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

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

UPPER WIND OBSERVATIONS on 31st

STATION	FOUAD A.P.				MINYA				Matruh																	
TIME	15				15				13 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.	DIR.	VEL.
300	300	14			360	16			330	17																
600	290	17			10	21			330	18																
1000	280	18			360	11			320	18																
1500					40	2			270	23																
2000					290	21			280	22																
3000					240	36			300	35																
4000					240	54																				
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 1st

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ID		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANGABÂD		LUXOR		ASWÂN		HURGHADA		Farouk	
TIME	5		4										3		7 30		5 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	320	9	360	15									350	24	320	11	330	6					310	4
600	310	8	340	14									10	23	340	4	330	4					340	9
1000	300	8	330	10									10	18	330	6	350	6					330	12
1500			330	17									20	21	270	17							290	23
2000															290	19							260	25
3000															270	27							270	31
4000															270	34								
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	5		5		5		6						4		4				3 45		4 30			
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	90	12	200	7	130	5	20	16																
600	100	9	200	13	90	8	20	20					40	27	20	13								
1000	230	6	100	16	20	8	10	15					30	27	10	25			60	17	150	9		
1500	320	13	310	18	350	21	290	21					50	12	40	27			80	17	130	3		
2000	360	13	260	23	320	22	250	32					70	7	90	13								
3000	290	35	280	25	270	32							160	9	210	9					120	14		
4000	290	34																			240	7		
5000	290	44																						
6000																								
7000																								
8000																								

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

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

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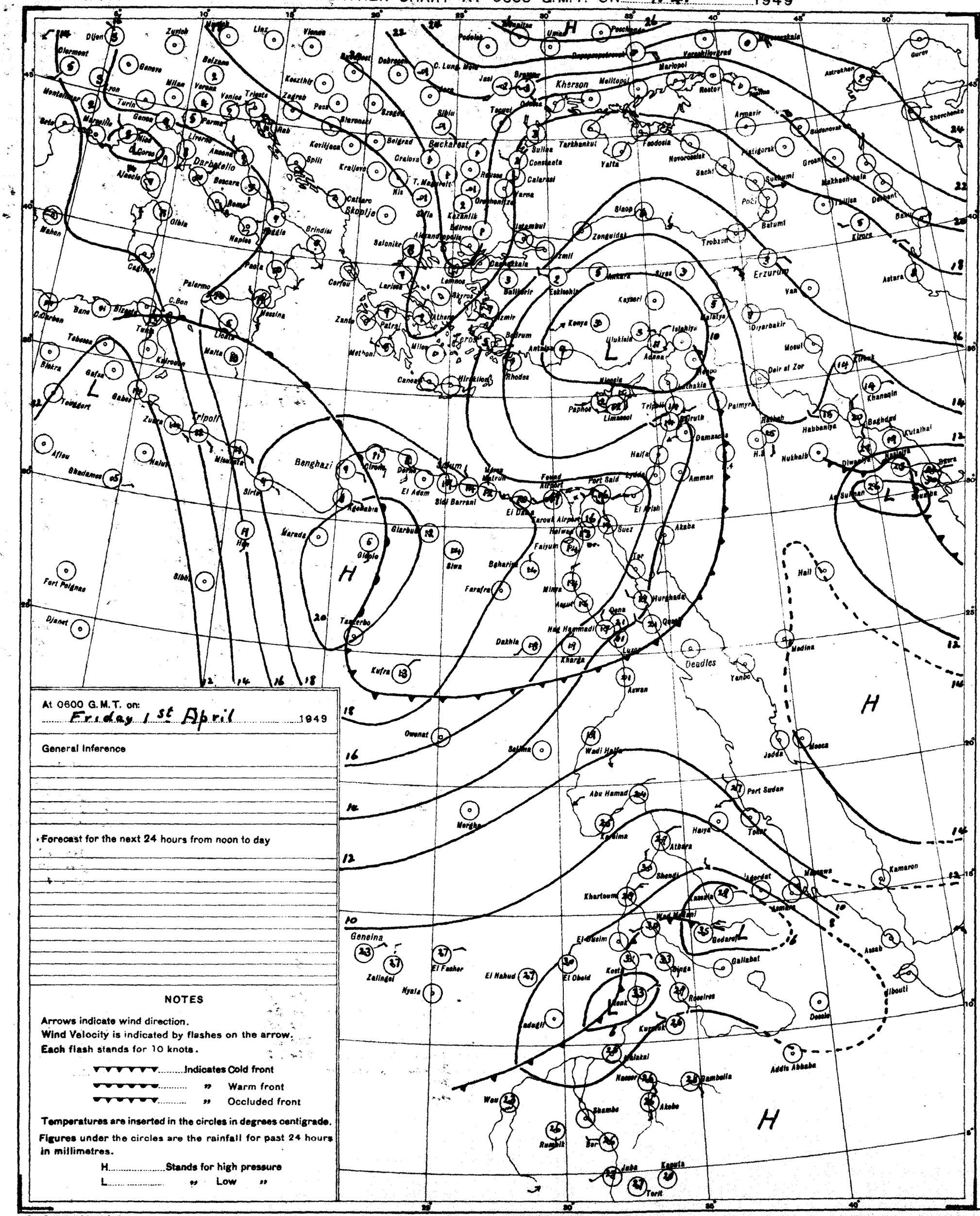
Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 1. 4. 1949



At 0600 G.M.T. on: Friday 1st April 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

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

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

Temperatures are inserted in the circles in degrees centigrade.

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

H Stands for high pressure
L " Low "

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	" or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	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		0
Cirrus	Ci	1
Cirrostratus	Cs	2
Cirrocumulus	Cc	3
Altocumulus	Ac	4
Altostratus	As	5
Stratocumulus	Sc	6
Nimbostratus	Ns	7
Cumulus or Fractocumulus	Cu or Fc	8
Cumulonimbus	Cb	9
Stratus or Fractostratus	St or Fs	0

AMOUNT OF CLOUD

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

S of E 1948(48/195)(46/650)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 44 G. M. T.

" " Sunset 16 14 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: Saturday 2nd April, 1949

At 1200 on Fri. 1st

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
MEDITERRANEAN	62300	SALÛM	40	9	7	03	2	5	Ac	18.2	15	59	7
	62303	SÎDI BARÂNI	340	11	35	03	2	8	Cu	18.2	16	68	10
	62306	MATRÛH											
	62309	EL DABÂ											
		ALEXANDRIA			50	03	6	9	St	17.1	17	52	7
	62318	FOUAD (Airport)	240	9	18	03	8	5	Sc, Ac	17.4	18	52	8
	62330	DAMIETTA	340		15	02	1	3	Cu	16.4	17	52	7
	62333	PORT SA'ÎD	350	10	30	03	1	6	Cu, Sc	16.6	16	68	10
	62336	EL 'ARISH	320	13	35	01	0	0	-		17	68	11
LOWER EGYPT	62339	DAMANHUR	290	13	15	03	1	6	Cu	17.5	18	52	8
	62342	MANSURA	360	2	35	03	1	6	Cu	17.0	20	56	11
	62348	TANTA	220	13	35	03	1	6	Cu	17.2	21	50	10
	62354	ZAGAZIG	320	5	7	02	1	4	Cu	15.9	20	56	11
	62441	ISMA'ÎLIA	340	2	7	01	1	3	Sc	15.5	20	78	16
CAIRO AREA	62366	FAROUK (Airport)	290	9	15	03	1	5	Cu	17.1	19	56	10
	62372	ALMÂZA	340	0	30	0	1	4	Cu	16.6	19	57	4
		EZBEKÎYA	360	6	35	03	0	4	Cu	16.4	20	43	7
		GÎZA	360	6	35	03	0	4	Cu		21	45	9
	62378	HELWÂN	320	11	50	02	0	4	Cu	16.4	19	37	4
UPPER EGYPT	62381	FAIYÛM	330	5	35	02	0	0	-	16.6	21	33	4
	62387	MINYA	20	8	18	00	0	0	-	16.5	22	36	6
	62393	ASYÛT MANQABÂD	320	8	30	00	0	0	-	14.7	23	24	1
	62399	NAG' HAMMÂDI	270	6	15	00	0	0	-	13.4	27	27	6
	62402	QENA	270	5	50	00	0	0	-	12.4	30	21	5
	62405	LUXOR	290	7	30	00	0	0	-	12.8	29	14	-1
	62414	ASWÂN	40	5	50	00	0	0	-	11.9	31	12	-1
OASES	62417	SÎWA	00	0	35	00	0	0	-	17.5	22	36	6
	62420	BAHARÎYA	320	1	35	02	0	0	-	17.2	22	21	-1
	62423	FARAFRA											
	62432	DAKHLA	340	6	50	00	0	0	-	14.4	24	21	0
	62435	KHARGA	00	0	35	00	0	0	-	14.8	25	26	4
RED SEA	62450	SUEZ	00	0	35	03	0	1	Cu	14.7	22	29	3
	62459	TÛR											
	62462	HURGHÂDA	350	17		00	0	0	-	13.1	21	74	16
	62465	QUSEIR	360	19	15	02	0	0	-	13.9	23	65	16
	62641	PORT SÛDÂN	50	19	10	18	0	0	-	9.9	29	49	17
NORTH SÛDÂN	62600	WÂDI HALFA	20	12	30	00	0	0	-	10.8	33	6	-9
	62640	ABU HAMAD	50	5	30	01	0	1	Cu	7.2	36	12	2
	62660	KAREIMA	60	9	30	00	0	0	-	7.2	36	9	-2
	62680	'ATBARA	340	5	30	00	0	0	-	5.0	37	13	5
	62721	KHARTÛM	110	5	30	03	0	1	Cu	2.8	39	18	11
	62730	KASSALA											
CENTRAL SÛDÂN	62751	WÂD MEDANI	00	0	35	02	1	6	Cu	2.0	41	25	17
	62801	RENK											
	62802	ROSEIRES	230	9	35	00	0	0	-		37	33	18
	62771	EL OBEID	80	5	30	03	1	8	Ac	3.0	37	22	12
	62760	EL FÂSHER	180	5	30	02	1	6	Cu, Cs		35	19	8
	62770	GENEINA	230	6	30	01	2	3	Cu		35	18	7
S. SÛDÂN	62840	MALAKÂL	00	0	30	02	6	7	Cu, Cs	6.8	31	52	20
	62880	WÂU	00	0	30	02	1	6	Cu, Ac, Cs	6.2	37	33	18
	62941	JUBA	360	2	30	02	2	7	Cb, Ac, Cs	3.6	36	31	16

At 1800 on Fri. 1st

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
62300	SALÛM	320	5	7	01	0	0	-	18.0	12	55	3	0
62303	SÎDI BARÂNI	340	4	35	01	2	2	Cu	19.2	13	77	9	0
62306	MATRÛH	30	6	7	01	1	0	-		14	55	5	0
62309	EL DABÂ												
	ALEXANDRIA	360	6	50	01	2	3	Sc, Cu, Ac	18.7	14	55	5	1
62318	FOUAD (Airport)	320	12	12	03	0	2	Cu	17.9	13	63	6	dr
62330	DAMIETTA	320	5		03	2	6	St	16.7	15	59	7	0
62333	PORT SA'ÎD	320	13	12	01	2	1	Sc	17.1	15	63	8	0
62336	EL 'ARISH	320	9	7	03	0	1	Cu	17.0	15	68	9	0
62339	DAMANHUR	360	9	15	01	1	2	Cu	17.8	13	67	7	0
62342	MANSURA	360	2	3	00	1	0	-	18.4	13	77	9	0
62348	TANTA	220	2	35	02	1	0	-	18.6	13	67	7	0
62354	ZAGAZIG	320	5	3	00	1	0	-	17.2	14	77	10	0
62441	ISMA'ÎLIA	360	5	5	03	2	6	Sc	17.5	15	59	7	0
62366	FAROUK (Airport)	360	10	10	00	0	0	-	18.0	16	68	10	0
62372	ALMÂZA												
	EZBEKÎYA	360	5	15	00	0	0	-	17.4	16	52	6	0
	GÎZA	360	5	15	00	0	0	-	17.4	16	53	6	0
62378	HELWÂN	360	10	35	01	0	0	-	17.4	16	49	5	0
62381	FAIYÛM	330	2	35	02	0	0	-	17.0	15	59	7	0
62387	MINYA	40	5	12	00	0	0	-	16.6	14	67	8	0
62393	ASYÛT MANQABÂD												
62399	NAG' HAMMÂDI	00	0	7	00	0	0	-	14.0	19	46	7	0
62402	QENA	270	2	7	00	0	0	-	14.0	22	29	3	0
62405	LUXOR	320	1	12	00	0	0	-	13.0	20	30	2	0
62414	ASWÂN	360	6	50	00	0	0		13.8	27	14	-3	0
62417	SÎWA	00	0	7	00	0	0	-	17.4	18	52	8	0
62420	BAHARÎYA	360	2	15	02	0	0	-	17.4	17	42	4	0
62423	FARAFRA												
62432	DAKHLA	320	3	35	00	0	0	-	15.4	22	21	-1	0
62435	KHARGA	200	1	15	00	0	0	-	15.1	21	26	1	0
62450	SUEZ	20	14	7	01	0	0	.	16.3	16	68	10	0
62459	TÛR												
62462	HURGHÂDA	300	19		00	0	0	-	13.3	21	41	7	0
62465	QUSEIR	330	9	15	02	0	0	-	14.2	21	65	14	0
62641	PORT SÛDÂN												
62600	WÂDI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	'ATBARA												
62721	KHARTÛM												
62730	KASSALA												
62751	WÂD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID												
62760	EL FÂSHER												
62770	GENEINA												
62840	MALAKÂL												
62880	WÂU												
62941	JUBA												

At 0600 on Saturday 2nd

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	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	1	7	03	0	3	Cu	19.6		15	17		8		59	7	0		
SÎDI BARÂNI	110	8	50	03	0	4	Cu	20.6		14	16		6		77	10	0	271	
MATRÛH	00	0	13	00	0	0	—	20.8		14	17		5		63	7	0		
EL DABÂ																			
ALEXANDRIA	360	6	50	03	2	5	Cu, Sc	20.6	+5.6	15	18	-5	13	-1	48	4	1	255	181
FOUAD (Airport)	340	4	18	02	1	4	Sc, Cu	20.3		15	18		10		48	4	dr	257	137
DAMIETTA	250	2		42	2	8	St	19.6	+4.7	14	18		6		67	8	0	315	101
PORT SA'ÎD	260	8	10	02	0	3	Sc	19.4		15	19		13		63	8	0	60	
EL 'ARISH	270	2	35	03	2	8	Sc, Cu			16			12	0	59	8	0		85
DAMANHÛR	270	5	7	01	1	0	-	20.4	+5.3	14	20	-5	8	-3	55	5	0	98	94
MANSÛRA	270	5	35	02	1	4	Ac	20.2	+4.9	14	21	-4	7	-4	67	8	0	40	48
TANTA	00	0	35	03	0	0	-	20.7	+5.3	11	22	-4	5	-5	88	9	0	28	35
ZAGAZIG	220	2	7	00	0	0	-	19.2	+3.9	14	22	-4	9	-1	77	10	0	17	25
ISMA'ÎLIA	270	2	3	02	0	0	-	20.2		16	22		10		56	7	0	12	
FAROUK (Airport)	90	3	10	00	0	0	—	19.2		11	21				82	8	0		
ALMÂZA	360	6	15	00	0	0	-	20.3	+5.0	14	21	-6	9	-3	55	5	0	8	23
EZBEKÎYA	360	6	15	00	0	0	-	20.3	+4.6	14	22	-4	7	-3	67	8	0	14	22
GÎZA	20	6	15	00	0	0	-	20.0	+4.9	13	20	-6	10	-3	67	7	0	15	25
HELWÂN	360	5	35	00	0	0	-	20.4	+4.9	14	22	-6	10	-1	67	8	0	6	8
FAIYÛM	360	4	8	00	0	0	-	19.9		13	23		7		67	7	0	5	
MINYA	320	5	18	00	0	0	-	18.7		16	24		10		45	4	0	0	
ASYÛT MANQABÂD	00	0	15	00	0	1	Ac	17.0	+2.9	16	27		9		49	5	0	0	
NAG' HAMMÂDI	270	5	15	00	0	0	-	18.0	+4.2	17	31	-3	11	-3	42	4	0	dr	
QENA	00	30	00	00	0	1	Ac	17.2		19	30		8		24	-2	0	dr	
LUXOR	360	6	50	00	0	0	-	16.7	+3.4	19	33	-1	15	-2	40	5	0	dr	
ASWÂN	90	5	35	00	0	0	-	20.6	+4.1	15	23	-4	9	-1	68	9	0	dr	8
SÎWA	360	3	35	02	0	0	-	20.2	+4.2	14	23	-5	9	-2	55	5	0	dr	7
BAHARÎYA																			
FARAFRA	320	3	36	00	0	0	-	18.5	+3.6	14			9	-3	36	-1	0	dr	
DAKHLA	200	3	35	00	0	0	-	18.6	+4.1	18	26	-5	13	0	28	-1	0	0	
KHARGA	00	0	35	00	0	0	-	19.2	+4.0	14	24	-2	10	-4	67	8	0	12	15
SUEZ																			13
TÛR	290	11		03	0	3	Ac	17.4		18	22		12		56	9	0	7	
HURGHADA	360	19	15	02	0	0	-	16.6	+3.6	20	23	-3	15	-3	46	8	0	0	4
QUSEIR	360	3	30	00	0	0	-	12.9		28	32		19		35	11	0	34	95
PORT SÛDÂN																			
WÂDI HALFA	360	2	30	00	0	0	-	15.6		19	34		15		40	5	0	tr	
ABU HAMAD	50	13	30	00	0	0	-	11.9		25	37		21		15	-4	0		
KAREIMA	20	13	10	00	0	0	-	11.5		26	37		23		16	-2	0	3	1
'ATBARA	360	9	30	02	0	2	As	10.3		27	38		21		15	-2	0	7	2
KHARTÛM	50	10	30	01	1	1	Cu	9.4		30	40		26		9	-6	0	10	4
KASSALA	90	5	30	03	0	5	Ac	7.8		29	39		23		25	7	0	10	9
WÂD MEDANI	360	9	3	02	1	7	Ac	7.6		29	41		27		25	7	0	11	12
RENK	310	5	50	00	0	0	-	9.9		33	41		23		41	18	0		49
ROSEIRES	200	2	35	00	0	0	-			29	38		26		52	18	0	1	39
EL OBEID	40	4	30	03	0	1	Ac	8.0		30	39		25		27	9	0	11	17
EL FÂSHER	00	0	10	02	1	6	Ac			25	36		23		30	6	0		6
GENEINA	160	1	30	01	0	3	Ac, Cu			24	37		21		57	15	0		4
MALAKÂL	360	1	30	02	2	7	Ac	8.6		27	32		24		70	21	0.1	84	94
WÂU	00	0	30	02	1	8	Ac	8.1		26	37		25		79	22	0	275	176
JUBA	200	5	30	03	1	3	Ac, Cu	8.8		27	37		23		66	20	3	155	195

HUMIDITY

Mean of day

Station	on 1st %	Diff. from normal
Alexandria	54	-12
Ezbekîya	60	+3
Gîza	54	-5
Helwân	59	+16

GÎZA

GRASS MINIMUM TEMP.

ON 2nd 4.0 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

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

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

Remarks

RAWINSONDE

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

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

UPPER WIND OBSERVATIONS on 1st

Station			Fouad A.P.				Munia																			
Time			15				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			320	18			10	19																		
600			320	17			360	21																		
1000			310	14			360	17																		
1500			280	27			320	19																		
2000			270	30			300	24																		
3000																										
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 2nd

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farouk A.P.	
Time	5		4 30		4						6 30		3				5 45		5		9		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	8	360	3	350	12					20	8	10	13			360	5	360	9	340	27	80	8
600	40	8	360	4	360	9					40	7	360	12			10	11	30	22	300	23	30	10
1000	350	10	40	6	350	8					30	12	350	13			350	18	20	16	310	36	10	10
1500	330	16	340	13	350	9					310	23	320	4			300	11	290	11	250	9	320	19
2000	270	10	300	8	320	3					310	19	350	22					290	17			300	27
3000	290	27	290	31																			280	32
4000																								
5000																							270	52
6000																							280	53
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	5		5		5		5 30		4				4		4		4				4 45		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	100	25	70	13	90	8	20	19	90	7							90	3						
600	90	28	70	16	80	14	30	18	60	15			40	34	40	18	100	5					300	10
1000	90	8	50	7	60	16	10	10	30	12			50	30	50	27	100	19			30	7	310	14
1500	220	11	330	9			300	15	360	17			30	17	40	34	70	8			60	21	60	10
2000	280	16	290	22			290	21					240	7			30	13					180	1
3000	310	30							290	21			270	13	50	20	310	13					80	17
4000	300	35													290	6							90	26
5000	280	43																						
6000																								
7000																								
8000																								

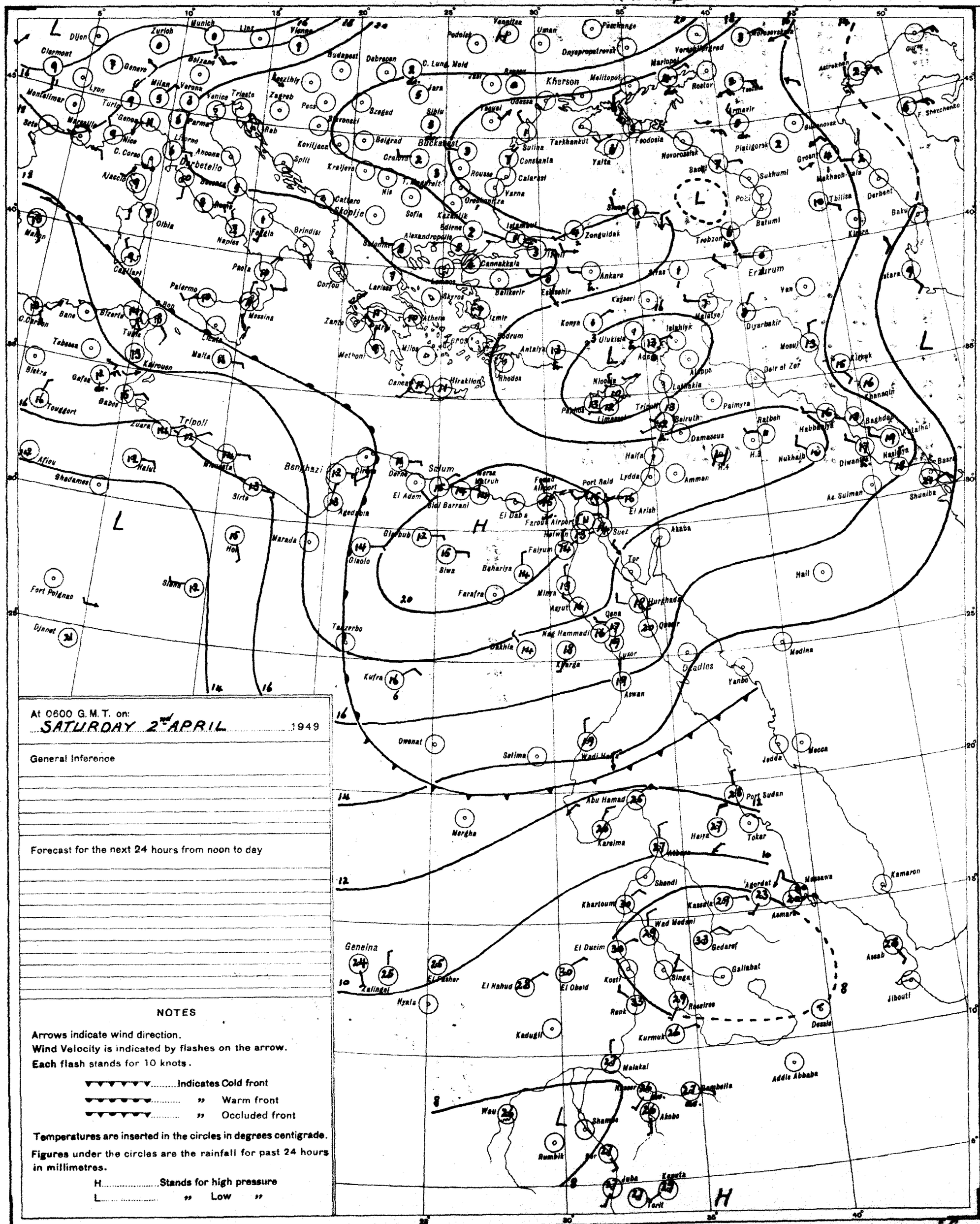
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.),
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 2-4-1949


Dijon
Zurich
Munich
Linz
Vienna
Clermont
Genève
Milan
Venice
Trieste
Zagreb
Budapest
Debrecen
Kherson
Odessa
Rostov
Astrakhan
Marseille
Nice
C. Corso
Ajaccio
Olbia
Naples
Palermo
Messina
Malta
Tripoli
Benghazi
Sirte
Marada
Siwa
Kufra
Tazerbo
Owenat
Selima
Wadi Halfa
Abu Hamad
Port Sudan
Tokar
Kassala
Khartoum
Shendi
Wad Medani
Gedaref
El Obeid
El Fasher
Geneina
Nyala
Kadugli
Kurmuk
Malakal
Addis Abbaba
Jibouti
Assab
Massawa
Asmara
Akobo
Juba
Kapoeta
Torit
Rumbik
Wau
Kamaron
Aswan
Luxor
Qena
Nag Hammadi
Kharga
Dakhla
Farafra
Baharya
Faiyum
Minya
Asyut
Hurghada
Qosseir
Deadles
Yambo
Medina
Jedda
Mecca
Port Sudan
Haifa
Lydda
Amman
Beirut
Damascus
Palmyra
Latakia
Aleppo
Deir el Zor
Mosul
Erzurum
Van
Diyarbakir
Kirkuk
Baghdad
Basra
Shuaiba
Akaba
Suez
Port Said
El Arish
El Dabaa
Farouk Airport
Halwan
Tor
Hail
Tripoli
Benghazi
Malta
Cannakkale
Ankara
Sivas
Trebizon
Zonguldak
Istanbul
Sofia
Skopje
Belgrade
Bucharest
Constanta
Varna
Rousse
Calarasi
Sulina
Tarkhankut
Yalta
Feodosia
Novorossiysk
Sochi
Sukhumi
Batumi
Tbilisa
Derbent
Baku
Groznyi
Makhachkala
Pyatigorsk
Armavir
Krasnovodsk
Astrakhan
Gurev
Sevastopol
Dnepropetrovsk
Voroshilovgrad
Mariupol
Malitopol
Vannitsa
Uman
Podolsk
Pavlovgrad
Kaunas
Riga
Tallin
Leningrad
Moscow
Kazan
Kuibyshev
Saratov
Stalingrad
Astrakhan
Gurev
Kiev
Lwow
Kishinev
Odessa
Sibiu
Szeged
Pecs
Budapest
Debrecen
Zagreb
Trieste
Venice
Verona
Milan
Turin
Genoa
Lyon
Montelimar
Marseille
Nice

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 No 7 F.

DAILY WEATHER REPORT

Date: SUNDAY 3rd APRIL, 1949

At 1200 on Saturday 2nd

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	40	5	7	02	0	0	–	19.5	19	37	4
	62303	SÎDI BARÂNI	20	9		01	0	1		20.3			
	62306	MATRÛH	90	2	12	00	0	0	–	20.4	17	39	3
	62309	EL DABA'											
		ALEXANDRIA	40	3	50	01	2	4	Cu, Ci	20.6	17	42	4
	62318	FOUAD (Airport)	330	9	13	02	0	1	Ci	20.6	18	40	4
	62330	DAMIETTA	270	5	15	01	1	4	Cu	18.8	17	52	7
	62333	PORT SA'ID	340	9	13	01	1	1	Sc	19.7	16	45	4
	62336	EL 'ARISH			35	01	0	0	–	19.5	17	60	9
Lower Egypt	62339	DAMANHUR	360	9	15	03	1	6	Ci	20.4	19	37	4
	62342	MANSURA	360	5	35	02	2	5	Ac	19.5	19	37	4
	62348	TANTA	360	2	35	03	1	5	Cu	20.2	19	37	4
	62354	ZAGAZIG	40	2	15	02	1	4	Ac	19.9	21		
	62441	ISMA'ILIA	320	2	3	02	2	6	As	18.7	20	33	2
Cairo Area	62366	FAROUK (Airport)	340	10	12	02	1	3	Cu, Ci	20.0	19	32	2
	62372	ALMAZA											
		EZBEKIYA	320	6	35	03	0	2	Cu, Ci	19.5	19	46	7
		GIZA	320	6	35	03	0	2	Cu, Ci	19.5	19	37	4
	62378	HELWÂN	320	8	15	03	2	5	Cc	19.0	20	24	-1
Upper Egypt	62381	FAIYÛM	330	8	35	03	2	6	Sc	19.0	20	33	3
	62387	MINYA	40	9	12	00	0	1	Ci	18.2	22	36	6
	62393	ASYÛT MANQABAD	340	9	30	00	0	0	–	16.5	24	21	0
	62399	NAG' HAMMÂDI	320	2	35	00	0	0	–	15.0	27	20	2
	62407	QENA	290	9	50	00	0	0	–	14.3	29	19	3
	62405	LUXOR	360	6	30	00	0	0	–	14.5	27	9	-8
	62414	ASWÂN	320	7	50	00	0	0	–	13.6	28	13	-3
Oases	62417	SÎWA	40	5	35	00	0	0	–	20.6	23	61	15
	62420	BAHARÎYA	360	3	35	02	1	3	Ac	18.8	21	41	7
	62423	FARAFRA											
	62432	DAKHLA	360	6	50	00	0	0	–	15.8	25	17	-2
	62435	KHARGA	360	2	35	00	0	0	–	15.0	28	27	7
Red Sea	62450	SUEZ	310	6	35	02	0	0	–	18.0	19	37	4
	62459	TÔR	310	11	35	00	0	0	–		21	50	10
	62462	HURGHÂDA	340	20		02	0	1	Ac	15.8	21	44	8
	62465	QUSEIR	40	13	15	02	0	0	–	16.0	23	44	10
	62641	PORT SUDÂN											
North Sudan	62600	WÂDI HALFA											
	62640	ABU HAMAD											
	62660	KAREIMA											
	62680	'ATBARA											
	62721	KHARTÛM											
	62730	KASSALA											
Central Sudan	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID											
	62760	EL FÂSHER											
	62770	GENEINA											
S. Sudan	62840	MALAKÂL											
	62880	WÂU											
	62941	JUBA											

At 1800 on Saturday 2nd

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	40	7	7	02	0	0	–	19.8	15	72	10	0
SÎDI BARÂNI	90	3		01	0	0	–	20.4	13	88	11	0
MATRÛH	00	0	12	00	0	0	–	20.9	12	67	6	0
EL DABA'												
ALEXANDRIA	130	5	7	00	0	0	–	21.4	14	67	8	0
FOUAD (Airport)	330	5	12	02	0	0	–	20.7	13	67	7	0
DAMIETTA	290	5		00	0	0	–	20.2	15	68	9	0
PORT SA'ID	350	11	14	01	0	0	–	20.1	15	65	6	0
EL 'ARISH	320	9	7	03	0	1	Cu		16	59	8	0
DAMANHUR	360	9	15	02	0	0	–	20.7	13	77	9	0
MANSURA	360	2	3	00	1	0	–	21.0	13	77	9	0
TANTA	00	0	35	02	1	0	–	20.0	14	67	8	0
ZAGAZIG	320	5	3	00	1	0	–	20.4	13	77	9	0
ISMA'ILIA	360	2	3	02	0	0	–	20.3	15	59	7	0
FAROUK (Airport)								20.2	16	72	11	0
ALMAZA	20	12	15	00	0	0	–	19.7	16	50	5	0
EZBEKIYA	30	6	15	00	0	0	–	20.2	15	59	7	0
GIZA	30	6	15	00	0	0	–	19.9	16	50	5	0
HELWÂN	360	6	15	01	0	0	–	19.6	16	42	3	0
FAIYÛM	360	2	35	01	0	0	–	19.5	16	49	5	0
MINYA	30	5	12	00	0	0	–	18.2	16	45	4	0
ASYÛT MANQABAD												
NAG' HAMMÂDI	360	1	15	00	0	0	–	15.9	19	46	7	0
QENA	270	5	7	00	0	0	–	14.6	21	26		0
LUXOR	00	0	12	00	0	0	–	14.6	20	35	4	0
ASWÂN	360	6	50	00	0	0	–	14.2	25	17	-2	0
SÎWA	00	0	7	00	0	0	–	19.5	17	52	7	0
BAHARÎYA	00	0	15	02	1	0	–	19.1	18	37	3	0
FARAFRA												
DAKHLA	270	2	35	00	0	0	–	16.7	22	21	-1	0
KHARGA	00	0	15	00	0	0	–	17.9	20	41	6	0
SUEZ	360	12	15	02	0	0	–	18.4	16	49	5	0
TÔR	310	9	15	00	0	0	–		20	56	11	0
HURGHÂDA	310	22		00	0	0	–	15.5	20	53	10	0
QUSEIR	330	13	15	02	0	0	–	15.5	20	56	11	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on SUNDAY 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	Diff. from normal mbs	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st
SALUM	200	1	7	03	1	5	Ac, Ci	20.8		16	19		10		49	5	0		
SÎDI BARÂNI	180	3		03	0	5	Ac, Ci	21.6		16	20		8		59	8	0	271	
MATRÛH	00	0	12	03	2	4	Sc	21.3		15	19		7		52	5	0		
EL DABA'																		167	
ALEXANDRIA	160	3	50	01	2	3	Sc, Ac	21.9	+7.0	16	18	-5	12	-2	59	8	0	255	181
FOUAD (Airport)	150	2	15	02	0	1	Cu	21.4		15	18		7		68	9	0	237	137
DAMIETTA	220	2		02	1	2	Cu	20.8	+6.0	15	18		6		68	9	0	315	101
PORT SA'ID	270	6	12	01	0	1	Sc	20.8		16	18		13		68	10	0	61	
EL 'ARISH	180	2	35	03	0	2	Cu	20.4	+5.8	13	19	-4	9	-3	67	7	0		85
DAMANHUR	230	5	15	02	0	0	–	21.5	+6.4	14	20	-5	8	-3	77	10	0	98	94
MANSURA	220	2	35	00	0	0	–	21.8	+6.6	15	21	-4	8	-3	68	9	0	42	48
TANTA	00	0	35	02	0	0	–	21.6	+6.3	12	20	-6	4	-6	77	8	0	29	35
ZAGAZIG	200	2	7	00	0	0	–	21.8	+6.6	15	22	-4	8	-2	77	11	0	19	26
ISMA'ILIA	180	2	3	02	0	0	–	21.4		16	22		9		59	8	0	12	
FAROUK (Airport)	00	0	14	00	0	0	–	22.2		14	20		10		67	8	0		
ALMAZA	02	2	13	00	0	0	–	21.4		14	20		9		59	6	0		
EZBEKIYA	00	0	15	00	0	0	–	21.4	+6.1	14	20	-7	9	-3	63	7	0	8	23
GIZA	00	0	15	00	0	0	–	21.5	+5.9	16	20	-7	6	-4	59	8	0	14	22
HELWÂN	20	5	7	00	0	0	–	21.1	+6.1	14	20	-7	8	-5	55	5	0	15	25
FAIYÛM	00	0	35	02	0	0	–	21.8	+6.4	14	20	-8	9	-3	67	8	0	6	8
MINYA	360	7	10	00	0	0	–	20.9		12	23		7		63	5	0	5	
ASYÛT MANQABAD	340	3	18	00	0	0	–	19.8		15	25		9		48	4	0	0	
NAG' HAMMÂDI	360	1	3	00	0	0	–	18.8	+4.8	15	28		9		48	4	0	0	
QENA	270	5	15	00	0	0	–	18.2	+4.5	18	31	-3	11	-3	46	6	0	Dr.	
LUXOR	00	0	30	00	0	0	–	18.0		20	28		11	–	26	0	0	Dr.	
ASWÂN	360	11	50	00	0	0	–	17.8	+4.6	18	30	-4	15	-2	46	6	0	Dr.	
SÎWA	40	4	35	00	0	0	–	20.4	+4.0	15	24	-4	9	-1	68	9	0	Dr.	8
BAHARÎYA	360	3	35	02	0	0	–	21.5	+5.6	14	23	-5	10	-1	67	8	0	Dr.	7
FARAFRA																		Dr.	
DAKHLA	220	2	35	00	0	0	–	19.0	+4.1	16	27	-4	11	-2	36	1	0	Dr.	
KHARGA	360	2	35	00	0	0	–	19.4	+5.9	19	28	-3	14	0	30	1	0	0	
SUEZ	00	0	35	00	0	0	–	20.4	+5.3	15	21	-5	10	-4	59	7	0	12	15
TÔR	310	10	35	00	0	0	–	16.8	+3.6	17	23	-3	16	+1	52	7	0	Dr.	13
HURGHÂDA	300	11		00	0	0	–	17.8		17	21		13		52	7	0	7	
QUSEIR	360	19	15	02	0	0	–	17.0	+4.0	20	23	-3	17		46	8	0	0	4
PORT SUDÂN	350	15	30	00	0	0	–	14.1		27	33		18		30	8	0	34	95
WÂDI HALFA	10	12	30	03	0	0	–	16.6		20	34		15		30	2	0	Tr.	
ABU HAMAD	50	8	30	03	0	2	Ci	13.3		23	37		18		15	-5	0		
KAREIMA	20	11	30	00	0	0	–	13.2		25	37		21		19	0	0	3	1
'ATBARA	360	9	30	00	0	0	–	11.7		27	39		21		27	6	0	7	2
KHARTÛM	30	18	7	07	3	1	Ac	10.2		29	42		26		17	1	0	10	4
KASSALA	20	9	30	00	0	0	–	8.0		29	41		23		35	12	0	16	9
WÂD MEDANI	360	9	50	00	0	0	–	8.7		29	41		24		17	1	0	11	12
RENK																		0	49
ROSEIRES	130	5	35	00	0	0	–			32	41		28		41	17	0	3	39
EL OBEID	40	15	30	00	0	0	–	9.1		29	39		25		22	5	0	11	17
EL FÂSHER	50	9	30	00	0	1	Ac			29	37		27		35	12	0	1	6
GENEINA	340	1	30	02	2	7	Ac, As			27	37		27		42	13	Dr.		4
MALAKÂL	180	22	30	81	2	8	Ci, Ac	9.4		28	38		24		58	19	Dr.	118	95
WÂU	00	0	30	02	1	6	Ac, As	8.4		27	37		25		70	21	Dr.	171	178
JUBA	90	9	10	95	9	3	Sc, As	10.6		25	38		25		79	21	Dr.	177	198

HUMIDITY

Mean of day %

Station	on 2nd	Diff. from normal
Alexandria	55	-11
Ezbekiya	57	0
Giza	55	-4
Helwân	49	+6

GIZA GRASS MINIMUM TEMP. ON 3rd 2.4 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — On 3rd At 3 Farouk AIRPORT

Pressure mbs.	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	161	9	76	110	9
950					
900					
850	1499	3	75		
800					
700	3057	-1			
600					
500	5671	-16		290	51
400		-25			
300					

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

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

UPPER WIND OBSERVATIONS on 2nd

Height m.	Minya Dir.	Minya Vel.	Dir.	Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	Dir.	Vel.	Matruh Dir.	Matruh Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
Time	15				15 30				13 45																	
300	350	33			350	7			40	10																
600	350	43			350	7			340	11																
1000	350	48			360	10			320	11																
1500	350	36			320	11			40	4																
2000	350	66			310	16																				
3000					280	20																				
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 3rd

Station	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Sa'id Dir.	Port Sa'id Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabad Dir.	Asyût Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Farouk A.P. Dir.	Farouk A.P. Vel.
Time	5		5 45		4						6 30		3		9		5 15		5		9		3	
300	110	4	130	8	50	5					70	7	360	24	350	10	360	7	360	10	340	30	80	10
600	100	3	260	6	280	7					60	10	30	49	360	10	350	13	10	17	330	36	50	15
1000	130	1	200	5	90	7					10	15	10	38	350	10	350	9	10	26	300	12	30	13
1500	270	9									360	10	340	23	340	21			310	12	290	26	350	15
2000											330	18			300	19			250	9			330	17
3000											300	28			290	20							290	19
4000															300	28								
5000																							290	50
6000																							295	59
7000																								
8000																								

Station	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time	5		5		5		5 30				3 15		2 15				4		4 45		4 45		4	
300	120	23	80	9	70	6	10	14									340	6						
600	120	16	70	16	50	12	10	19			40	21	40	21			60	7					290	18
1000	180	3	50	22	10	14	350	18			40	18	40	27			80	14	50	31	50	13	270	13
1500	30	6	20	18	10	43	350	15			360	21	10	20			40	7	60	42	50	31	320	3
2000	330	19	360	22	10	59	300	16			350	14	340	17			20	17					20	12
3000	320	28											350	19			50	5					30	21
4000	300	33																						
5000	290	34																						
6000																								
7000																								
8000																								

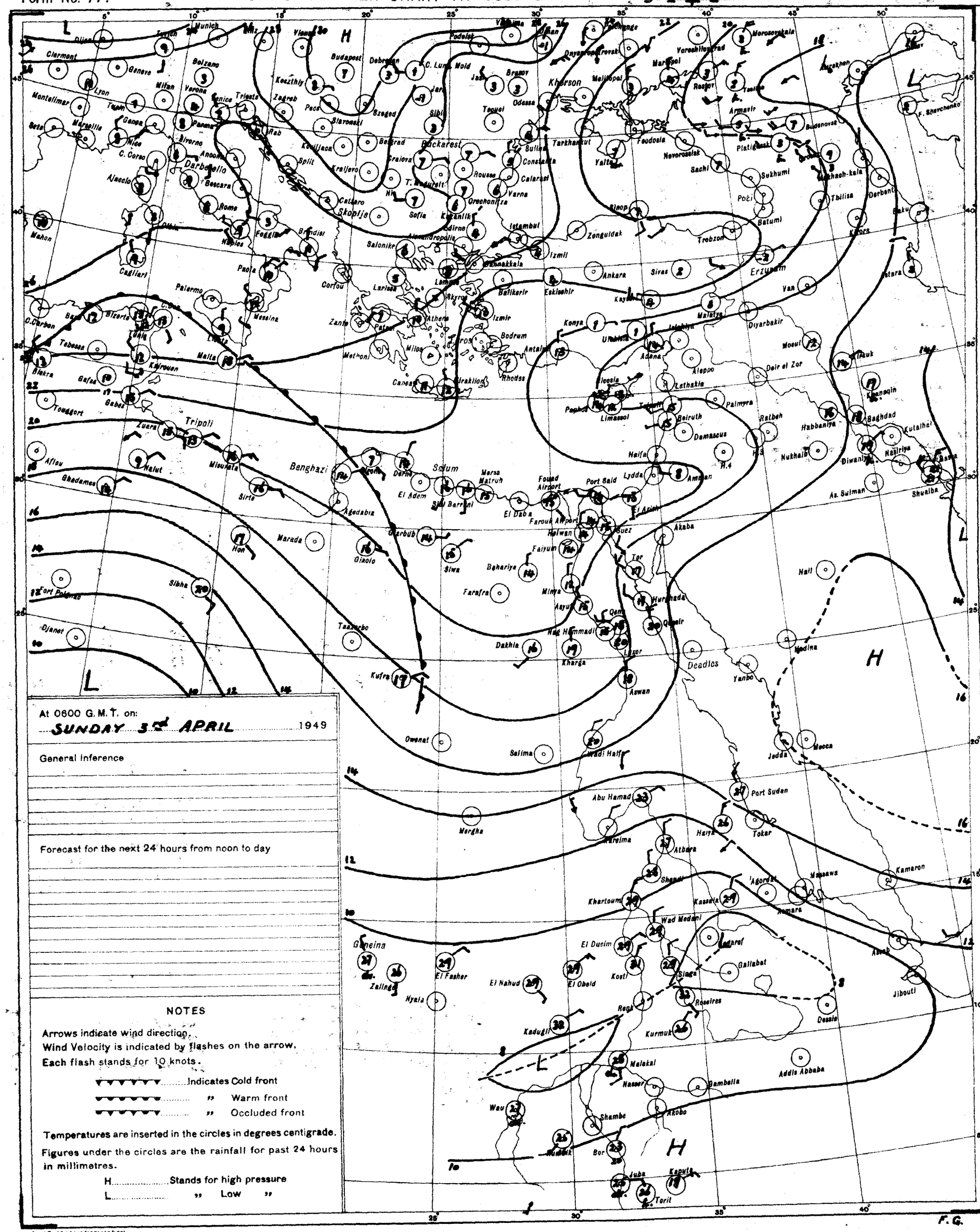
Remarks: 1- Wind Direction in degrees east of North.
2- " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 3 - 4 - 1949


Clermont
Geneva
Belzano
Munich
Lyon
Montelimar
Marseille
Nice
C. Corso
Ajaccio
Bastia
Rome
Naples
Foggia
Brindisi
Palermo
Messina
Cagliari
Mahon
Tunis
Bizerta
Tebessa
Biskra
Gafsa
Kairouan
Tougourt
Gabes
Tripoli
Zuara
Malta
Aflou
Ghadames
Nalut
Misurata
Sirte
Benghazi
Agedabia
Marada
Hon
Giaolo
Siwa
Sibha
Fort Polignac
Djanet
Taezerbo
Kufra
Owenat
Salima
Merghe
Budapest
Debrecen
Keszthly
Zagreb
Szeged
Belgrad
Craiova
Split
Kraljevo
Cattaro
Skoplje
Sofia
Bucharest
Constanta
Calarasi
Varna
Odessa
Kherson
Tarkhankut
Feodosia
Yalta
Sinop
Zonguldak
Trebzon
Istanbul
Izmit
Ankara
Sivas
Erzurum
Van
Batum
Tbilisa
Derbent
Baku
Sukhumi
Poti
Salonika
Larissa
Corfou
Zante
Patras
Athens
Milos
Rhodes
Crete
Bodrum
Antalya
Konya
Eskisehir
Izmir
Adana
Aleppo
Lattakia
Palmyra
Beirut
Damascus
Haifa
Lydda
Amman
Port Said
Suez
Akaba
Tor
Hurghada
Qena
Luxor
Aswan
Deadles
Yanbo
Medina
Mecca
Jedda
Port Sudan
Tokar
Kassala
Khartoum
Wad Medani
Gallabat
Gondar
Asmara
Massawa
Agordat
Kamaron
Jibouti
Dessie
Addis Abbaba
Gambella
Nasser
Malakal
Kurmuk
Roseires
Kosti
El Obeid
El Dueim
El Nahud
El Fasher
Zalinge
Nyala
Wau
Shambe
Akobo
Bor
Juba
Torit
Kapoeta
Kadugli
Abu Hamad
Atbara
Wadi Halfa
Faiyum
Minya
Asyut
Kharga
Dakhla
Farafra
Bahariya
Siwa
Marsa Matruh
El Daba
El Adem
Darna
Tobruk
Port Sudan
Hail
Nukhaib
Ratbeh
Baghdad
Kutaibat
Nasiriya
Basra
Shuaiba
As Sulman
Diwaniya
Mosul
Diyarbakir
Van
Erzurum
Batum
Tbilisa
Derbent
Baku
Kutaisi
Sukhumi
Poti
Sachi
Novorossiisk
Platigorsk
Armavir
Budenovsk
Theodosia
Yalta
Sevastopol
Odessa
Kherson
Nikolayev
Mariupol
Rostov
Voroshilovgrad
Taganrog
Dnyepropetrovsk
Melitopol
Moscow
Kiev
Kharkov
Stara
Lviv
Vienna
Budapest
Debrecen
Kosice
Lublin
Warsaw
Kaunas
Riga
Tallinn
Helsinki
Leningrad
Murmansk
Archangel
Vologda
Kazan
Saratov
Astrakhan
Gurjev
Aktyubinsk
Orenburg
Tashkent
Alma Ata
Tiflis
Erivan
Tabriz
Teheran
Mashhad
Kabul
Peshawar
Quetta
Karachi
Jacobabad
Multan
Lahore
Amritsar
Jullundur
Delhi
Jaipur
Ahmedabad
Bombay
Poona
Nagpur
Jabalpur
Allahabad
Lucknow
Cawnpore
Agra
Gwalior
Indore
Ujjain
Bhopal
Jhansi
Mandalay
Rangoon
Moulmein
Bangkok
Chiangmai
Hanoi
Haiphong
Kunming
Lashio
Calcutta
Dacca
Chittagong
Akyab
Cox's Bazar
Madras
Vizagapatam
Bangalore
Mangalore
Cochin
Trivandrum
Colombo
Trincomalee
Jaffna
Hambantota
Kandy
Ratnapura
Galle
Kandy
Colombo
Trincomalee
Jaffna
Hambantota

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 No 7 F.

DAILY WEATHER REPORT

Date: MONDAY 4th MARCH, 1949

At 1200 on Sunday 3rd

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	20	11	7	01	0	0	-	20.7	17	60	9
	62303	SIDI BARANI	20	9	50	01	1	3	Ci	21.4	17	77	13
	62306	MATRUH	30	4	18	02	1	2	Ci	21.5	18		
	62309	EL DABA											
		ALEXANDRIA	01	5	50	01	2	3	Cu,Ci	20.4	18	60	10
	62318	FOUAD (Airport)	330	13	18	02	0	1	Ci	20.9	18	52	8
	62330	DAMIETTA	320	5		01	1	1	Cu	19.8	18	60	10
	62333	PORT SA'ID	340	8	30	03	0	3	Cu,Sc	20.2	18	56	9
	62336	EL 'ARISH	320	5	35	01	0	0	-	20.2	17	68	11
Lower Egypt	62339	DAMANHUR	270	5	15	01	0	2	Ci	20.8	19	46	7
	62342	MANSURA	270	5	35	03	1	5	Cu	20.0	21	41	7
	62348	TANTA	270	8	35	03	1	3	Ci	20.3	22	36	6
	62354	ZAGAZIG	220	5	15	02	1	3	Ac	19.9	22	50	11
	62441	ISMA'ILIA	360	5	3	03	1	4	Sc	19.4	21	33	4
Cairo Area	62366	FAROUK (Airport)											
	62372	ALMAZA	40	9	14	00	0	3	Ci	19.3	20	38	5
		EZBEKIYA	330	6	35	03	0	1	Cu,Ci	19.9	21	33	4
		GIZA	330	6	35	03	0	1	Cu,Ci	19.6	20	37	5
	62378	HELWAN	320	10	15	00	0	3	Ci	18.9	20	24	-1
Upper Egypt	62381	FAIYUM	330	9	35	03	2	6	Ci	19.6	21	26	1
	62387	MINYA	20	12	14	00	0	1	Ci	19.0	22	36	6
	62393	ASYUT MANQABAD	340	9	30	00	0	0	-	16.5	25	17	-2
	62399	NAG' HAMMADI	220	3	7	00	0	1	Ci	15.1	29	13	-2
	62402	QENA	240	5	50	01	0	2	Ci	15.6	30	16	1
	62405	LUXOR	290	11	30	00	0	1	Ci	14.5	27	9	-8
	62414	ASWAN	320	6	50	01	1	2	Ci	14.2	28	16	0
Oases	62417	SIWA	00	0	35	00	0	0	-	20.8	25	54	15
	62420	BAHARIYA	360	4	35	02	1	3	Ac	19.0	23	32	5
	62423	FARAFRA											
	62432	DAKHLA	340	9	50	00	0	0	-	15.5	26	18	0
	62435	KHARGA	20	3	35	00	0	0	-	15.2	26	17	-1
Red Sea	62450	SUEZ	310	6	35	02	0	0	-	18.4	21	33	4
	62459	TOR	310	20	35	00	0	0	-	16.2	20	56	11
	62462	HURGHADA	350	16		00	0	0	-	16.1	20	53	10
	62465	QUSEIR	20	19	15	02	0	0	-	16.0	21	65	14
	62641	PORT SUDAN	60	17	30	18	0	0	-	11.3	27	62	19
North Sudan	62600	WADI HALFA	20	18	30	02	0	1	Ci	13.2	30	13	-1
	62640	ABU HAMAD	20	13	30	00	0	0	-	8.3	36	9	-2
	62660	KAREIMA											
	62680	'ATBARA	340	19	2	07	0	0	-	5.9	37	7	-4
	62721	KHARTUM	50	15	4	07	0	0	-	4.7	39	8	-1
	62730	KASSALA	70	9	30	00	0	0	-	2.4	39	13	6
Central Sudan	62751	WAD MEDANI	50	19	35	02	3	2	Cc	2.6	41	7	-2
	62801	RENK											
	62802	ROSEIRES	250	2	35	00	0	0	-		40	38	23
	62771	EL OBEID			4	07	0	0	-	3.9	39	8	-1
	62760	EL FASHER	90	6	30	00	0	1	Ci		37	13	5
	62770	GENEINA	310	3	30	01	1	6	Cu,Ac		36		
S. Sudan	62840	MALAKAL	200	5	30	01	6	7	Ac	7.7	25	84	22
	62880	WAU	300	5	30	07	9	6	Sc	6.1			
	62941	JUBA	310	13	30	03	2	7	Cu,As	4.8	32	52	21

At 1800 on Sunday 2nd

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	360	10	7	03	2	7	Ci	21.4	15	68	9	0
SIDI BARANI	40	6		03	1	4	Ci	21.9	15	77	11	0
MATRUH	20	4	12	02	1	3	Ac	21.7	14	77	10	0
EL DABA												
ALEXANDRIA	90	9	7	02	2	3	Sc,Ac	20.7	15	68	9	0
FOUAD (Airport)	320	8	12	01	0	1	Sc,Ci	20.9	14	67	8	0
DAMIETTA	320	9		02	1	1	Cu	19.9	15	68	9	0
PORT SA'ID	340	12	18	01	1	1	Sc	19.7	16	59	8	0
EL 'ARISH	320	2	7	02	0	0	-		16	59	8	0
DAMANHUR	270	9	7	02	0	0	-	20.7	13	82	10	0
MANSURA	320	5	3	00	1	0	-	19.9	14	67	8	0
TANTA	00	35	35	02	1	0	-	20.4	14	67	8	0
ZAGAZIG	320	5	3	00	1	0	-	20.0	14	77	10	0
ISMA'ILIA			3	02	0	0	-	19.9	16	59	8	0
FAROUK (Airport)												
ALMAZA												
EZBEKIYA	360	4	7	00	0	0	-	20.3	16	59	8	0
GIZA	360	4	7	00	0	0	-	20.6	15	63	8	0
HELWAN	320	15	15	01	0	0	-	19.9	17	42	4	0
FAIYUM	360	2	35	02	2	6	Ci	19.6	16	59	8	0
MINYA	20	8	10	02	1	4	Ci	18.9	16	42	3	0
ASYUT MANQABAD												
NAG' HAMMADI	320	5	7	00	0	0	-	15.5	20	33	3	0
QENA	270	2	7	00	1	0	-		23	18	-3	0
LUXOR	00	0	30	00	0	0	-	15.0	20	14	-9	0
ASWAN	360	9	50	00	0	0	-	14.6	25	21	1	0
SIWA	00	0	7	00	0	0	-	18.8	18	52	8	0
BAHARIYA	360	2	15	02	1	0	-	19.1	20	33	3	0
FARAFRA												
DAKHLA	320	2	35	00	0	0	-	16.3	23	12	-8	0
KHARGA	360	2	15	00	0	0	-	16.6	22	20	-2	0
SUEZ	00	0	7	02	0	0	-	17.8	18	46	6	0
TOR	310	11	15	00	0	0	-	15.1	21	41	7	0
HURGHADA	300	20		00	0	0	-	15.0	20	46	8	0
QUSEIR	360	13	15	02	0	0	-	15.4	20	46	8	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 4th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Temp. 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	40	11	7	02	2	6	Ci	22.7		15	20		12		88	13	0		
SIDI BARANI	20	16		03	1	8	Ci	23.0		15	17		12		68	9	0	271	
MATRUH	30	5	12	02	0	3	Sc	22.4		15	19		12		52	4	0		
EL DABA																		167	
ALEXANDRIA	360	9	50	01	2	3	Sc,Cu,Ac	19.9	+5.0	15	19	-4	13	-1	39	1	0	255	181
FOUAD (Airport)	330	14	18	01	0	0	-	19.7		16	19		12		45	4	0	257	137
DAMIETTA	340	9	7	03	1	3	Cu			15	19		9		59	7	0	315	101
PORT SA'ID	340	11	18	02	1	4	Cu,Sc	18.4		16	20		14		49	5	0	61	
EL 'ARISH	320	5	15	03	1	8	Cb	18.0	+3.5	15	19	-4	11	-1	68	9	0		85
DAMANHUR	310	5	15	02	0	1	Cu	20.2	+5.2	15	20	-5	8	-3	68	9	0	98	94
MANSURA	360	5	35	00	0	0	-	19.2	+4.0	15	23	-3	8	-3	68	9	0	42	48
TANTA	00	0	35	02	0	0	-	20.4	+5.2	17	22	-5	4	-6	77	8	0	29	35
ZAGAZIG	320	5	7	00	0	0	-	18.7	+3.5	15	23	-4	8	-2	68	9	0	17	25
ISMA'ILIA		5	3	03	1	3	Ac	19.2		14	22		11		67	8	0	12	
FAROUK (Airport)																			
ALMAZA																			
EZBEKIYA	340	6	15	00	0	0	-	19.8	+4.6	14	22	-5	9	-3	67	8	0	8	23
GIZA	340	6	15	00	0	0	-	19.8	+4.3	15	22	-5	7	-3	69	9	0	14	22
HELWAN	00	0	7	03	0	1	St	20.2	+5.2	12	21	-6	9	-4	77	8	0	15	25
FAIYUM	360	5	35	01	0	0	-	20.2	+4.8	15	21	-7	9	-3	68	9	0	6	8
MINYA	10	10	10	00	0	1	Ci	19.8		14	24		8		67	8	0	5	
ASYUT MANQABAD	340	4	30	00	0	0	-	18.7		16	26		10		49	5	0	0	
NAG' HAMMADI	360	1	7	00	0	0	-	17.8	+3.9	13			8		55	4	0	0	
QENA	270	2	15	00	0	0	-	17.1	+3.4	18	32	-2	11	-3	37	3	0	dr	
LUXOR	00	0	30	00	0	0	-	16.3		14	28		10		42	1	0	dr	
ASWAN	360	12	50	00	0	0	-	16.6	+3.4	18	30	-4	15	-2	34	2	0	dr	
SIWA	40	10	35	03	2	8	Ac	22.7	+6.4	16	26	-2			59	8	0	dr	8
BAHARIYA	360	4	35	02	0	0	-	20.6	+4.7	14	25	-4	10	-1	67	8	0	dr	7
FARAFRA																		dr	
DAKHLA	00	0	35	00	0	0	-	17.4	+2.6	18	27	-5	12	-1	37	3	0	dr	
KHARGA	00	0	35	00	0	0	-	17.6	+3.3	20	26	-6	15	+1	33	3	0	0	
SUEZ	360	4	35	00	0	3	Cu	19.0	+3.9	15	23	-4	10	-4	68	9	0	12	15
TOR	340	14	35	00	0	0	-			18	22	-4	17	+2	46	6	0	dr	13
HURGHADA	290	14		00	0	0	-	16.5		18	22		13		52	8	0	7	
QUSEIR	330	19	15	02	0	0	-	15.6	+2.6	20	23	-4	17	-1	41	6	0	0	4
PORT SUDAN	350	14	50	00	0	0	-	14.2			29		17				0	34	95
WADI HALFA	10	7	30	00	0	0	-	15.2		19	33		14		28	0	0	h	
ABU HAMAD	50	9	30	00	0	0	-	12.4		24	37		21		17	-3	0		
KAREIMA	50	11	10	00	0	0	-	12.7		24	37		19		22	1	0	3	1
'ATBARA	360	9	30	00	0	0	-	11.6		25	38		20		21	1	0	7	2
KHARTUM	50	15	30	03	0	3	Ci	10.0		28	40		24		12	-4	0	10	4
KASSALA	00	0	30	00	0	0	-	7.0		27	40		23		40	12	0	16	9
WAD MEDANI	20	9	50	02	1	7	Ci	7.8		28	41		23		10	-6	0	11	12
RENK	230	2	50	00	0	0	-	9.9		33	39		20		47	20	0	0	49
ROSEIRES	180	2	35	00	0	0	-			30	41		28		49	18	0	3	40
EL OBEID	60	4	10	03	0	5	Cs	9.6		29	39		23		13	-2	0	11	17
EL FASHER	340	9	30	02	0	7	Ac,Ci			28	39		26		19	2	0	1	6
GENEINA	00	0	30	01	2	3	Ci			25	38		23		28	5	0		4
MALAKAL	200	15	30	01	2	7	Cu,Ac	11.9		24	29		23		84	21	9	127	96
WAU	30	4	14	12	1	7	Ac	11.8		23	33		23		88	21	6	280	180
JUBA	20	2	30	00	3	8	Sc,As	13.9		22	36		22		94	21	3	182	201

HUMIDITY

Mean of day

Station	% on	Diff. from normal
Alexandria	65	-1
Ezbekiya	56	-1
Giza	58	-1
Helwan	45	+2

GIZA GRASS MINIMUM TEMP. ON 4th 2.5 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — Farouk AIRPORT — On 4th At 3

Pressure mbs	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	154	10	71	80	3
950					
900					
850	1489	2	60	330	23
800					
700	3044	-1		300	46
600					
500	5642	-18		300	58
400		-30			
300					

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

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

UPPER WIND OBSERVATIONS on .....

Station	ALMAZA				Fouad A.P				Mansura																			
Time	14				15				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.	Dir.	Vel.
300	340	5			320	13			360	19																		
600	340	9			320	17			360	23																		
1000	340	9			320	16			360	25																		
1500	350	12			300	26			10	13																		
2000	320	17			310	27			30	10																		
3000					300	26																						
4000																												
5000																												
6000																												
7000																												
8000																												

UPPER WIND OBSERVATIONS on 4th

Station	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SA'ID		~~El Arish~~		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA		Farouk A.P	
Time	5		4		3				8	30	6	45	3		9		5	30	5				3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	20	22	280	24	320	17			300	3	320	7	10	20	350	14	350	10	10	21			20	6
600	20	23	280	24	330	11			320	9	360	13	20	25	340	15	360	14	10	18			350	10
1000	20	22	280	27	330	16			330	10	350	17	20	26	330	18	360	21	20	31			340	13
1500					330	17			320	9	350	16	340	16	340	21	340	12	290	6			330	23
2000									310	18	350	28	340	23	340	28			330	23			310	44
3000											Fmt Cu												300	46
4000																								
5000																								
6000																								
7000																								
8000																								

Station	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
Time	5		5		5		5	30							4				4					
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	70	26	50	16	50	6	30	24																
600	70	30	40	25	50	15	30	30																
1000	70	29	40	25	30	22	20	29							20	24			230	1	80	13		
1500	90	3	330	8	20	26	10	18							60	26			60	2	110	10		
2000	290	8	320	23											60	15								
3000	320	20	320	36											10	12								
4000															260	14								
5000																								
6000																								
7000																								
8000																								

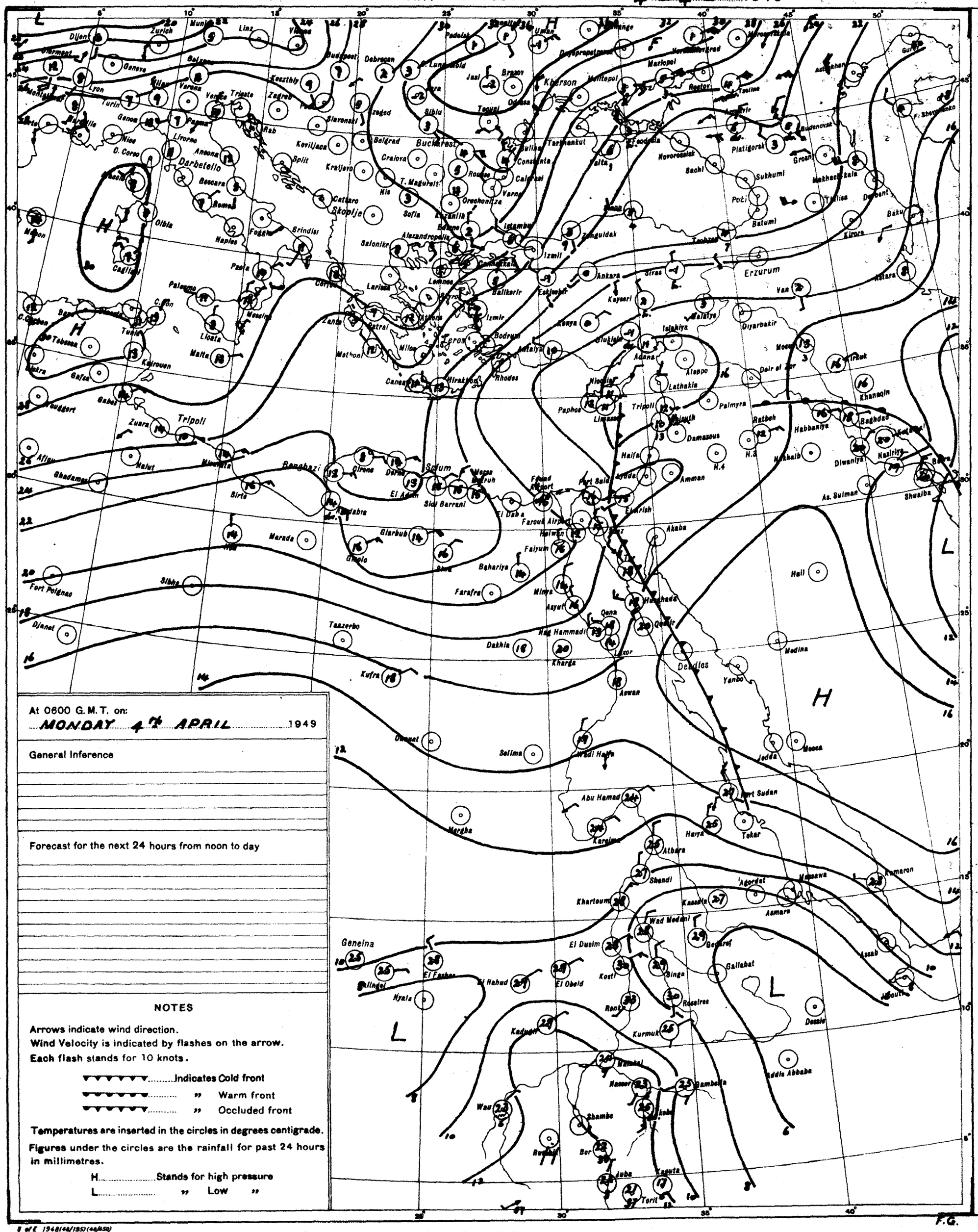
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 4 - 4 - 1949


Dijon
Zurich
Munich
Linz
Vienna
Budapest
Debrecen
Padeiski
Umman
Kherson
Mariopol
Rostov
Taganrog
Tsalma
Astrakhan
Gurjev
Genève
Belfort
Lyon
Milan
Verona
Venice
Trieste
Zagreb
Koszthly
Turin
Genoa
Pisa
Livorno
Nice
C. Corso
Ancona
Darbetello
Rab
Slavonski
Kevilijaca
Split
Kraljevo
Belgrad
Bucharest
Craiova
Constanta
Calarasi
Varna
Odessa
Tecuci
Sibiu
Jassi
Braşov
Nis
T. Magurelit
Sofia
Orechovitza
Cattaro
Skoplje
Salonika
Alexandropolis
Istanbul
Zonguldak
Izmit
Ankara
Sivas
Erzurum
Van
Astara
Kirovo
Baku
Derbent
Tbilisi
Batumi
Poti
Sukhumi
Sachi
Novorossisk
Feodosia
Sevastopol
Yalta
Simferopol
Platigorsk
Groznyi
Makhachkala
Sudenovsk
Ajaccio
Bastia
Marseille
Cagliari
Olbia
Naples
Foggia
Brindisi
Palermo
Messina
Catania
Malta
Tunis
Tabarka
Kairouan
Gafsa
Gabes
Zuara
Tripoli
Benghazi
Sirte
Marada
Giarabub
Siwa
Fort Polignac
Djanet
Taazerbo
Kufra
Sebha
Ghadames
Nalut
Mizda
Derna
Tobruk
Sidi Barrani
El Adem
Sollum
Mersa Matruh
Fouad Airport
Port Said
Ismailia
Suez
El Dabaa
Farouk Airport
Helwan
Cairo
Alexandria
Rosetta
Damanhur
Tanta
Mansura
Zagazig
Ismailia
Port Said
Jerusalem
Jaffa
Haifa
Amman
Akaba
Ramleh
Gaza
Beirut
Damascus
Palmyra
Tripoli
Latakia
Aleppo
Adana
Iskenderun
Mersin
Antalya
Konya
Kayseri
Eskisehir
Ankara
Izmir
Bodrum
Rhodes
Heraklion
Canea
Athens
Patrai
Zante
Corfu
Larissa
Lemnos
Mytilene
Ballikesir
Izmir
Malatya
Diyarbakir
Mosul
Kirkuk
Khanaqin
Baghdad
Kut el Amara
Basra
Shuaiba
As Sulman
Bahrein
Dhahran
Hail
Medina
Yanbo
Jedda
Mecca
Qena
Luxor
Aswan
Kharga
Dakhla
Nag Hammadi
Farafra
Bahariya
Faiyum
Minya
Asyut
Wadi Halfa
Salima
Owenat
Merga
Abu Hamad
Kareima
Atbara
Port Sudan
Tokar
Hayia
Shendi
Khartoum
Kassala
Asmara
Massawa
Agordat
Kamaron
Wad Medani
El Dueim
Kosti
Singa
Gedaref
Gallabat
Asab
Jibouti
Geneina
El Fasher
El Obeid
Nyala
Kadugli
Renk
Roseires
Kurmuk
Dessie
Addis Abbaba
Wau
Shambe
Bor
Juba
Kaputa
Torit
Nasser
Bambala
Mombasa
Nairobi
Kisumu
Dar es Salaam
Tanga
Zanzibar
Mahe
Seychelles
Aden
Mogadishu
Kismayu
Lamu
Malindi
Mombasa
Tanga
Dar es Salaam
Lindi
Mtwara
Tabora
Mwanza
Kigoma
Bukoba
Dodoma
Iringa
Mbeya
Tunduma
Tabora
Kasama
Ndola
Mpika
Fort Jameson
Lusaka
Kitwe
Mongu
Livingstone
Bulawayo
Salisbury
Umtali
Beira
Tete
Blantyre
Lilongwe
Zomba
Nampula
Lourenço Marques
Inhambane
Beira
Tete
Quelimane
Nampula
Pemba
Tamatave
Majunga
Tananarive
Diego Suarez
Tulear
Fort Dauphin
Antananarivo
Antsirabe
Fianarantsoa
Tananarive
Tamatave
Diego Suarez
Majunga
Tulear
Fort Dauphin
Port Louis

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 No 7 F.

DAILY WEATHER REPORT

Date: TUESDAY 5th APRIL, 1949

At 1200 on Mon 4th

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	360	4	7	03	2	8	Ac.Cu	22.6	17	52	7
	62303	SÎDI BARÂNI	20	15	9	02	2	8	Cb.As	23.0	17	68	11
	62306	MATRUH	30	14	15	03	1	3	Sc	22.1	17	49	6
	62309	EL DABA											
		ALEXANDRIA	330	16	50	02	2	3	Cu.Sc	18.8	18	46	6
	62318	FOUAD (Airport)	330	18	08	02	1	4	Cu.Ci	19.1	18	46	6
	62330	DAMIETTA	340	5	15	01	0	1	Cu	17.6	17	52	7
	62333	PORT SAÏD	350	10	30	02	0	1	Cb.As	18.1	16	52	6
	62336	EL 'ARISH	320	9	35	01	0	2	Ci	17.6	17	68	11
Lower Egypt	62339	DAMANHUR	310	13	15	03	1	3	Cu	19.0	18	52	8
	62342	MANSURA	360	2	35	02	1	4	Cu	18.0	20	33	3
	62348	TANTA	310	2	35	03	1	3	Cu	17.9	20	41	6
	62354	ZAGAZIG	320	5	15	02	1	3	Ac	17.8	20	46	8
	62361	ISMAÏLIA	270	2	7	02	1	3	Ac	16.7	21	26	1
Cairo Area	62366	FAROUK (Airport)	290	2	18	02	1	2	Cu	18.3	19	32	2
	62372	ALMÂZA	330	8	18	01	1	1	Cu	18.1	19	28	0
		EZBEKIYA	40	9	35	03	0	1	Cu,Ci	18.0	20	33	3
		GÎZA	40	9	35	03	0	1	Cu,Ci	17.8	20	23	-2
	62378	HELWÂN	290	8	35	01	0	0	-	18.2	18	28	-1
Upper Egypt	62381	FAIYUM	360	5	35	02	0	0	-	18.4	20	33	3
	62387	MINYA	10	13	14	02	0	3	Ci	18.3	21	33	4
	62393	ASYUT Mandara	360	9	30	00	3	1	Ci	16.5	22	27	2
	62396	NAG HAMMADI	360	6	15	00	0	0	-	14.3	26	18	0
	62402	QENA	290	9	50	00	0	0	-	13.8	29	14	-1
	62405	LUXOR	360	16	30	00	0	0	-	13.0	27	11	-6
	62414	ASWÂN											
Oases	62417	SÎWA	00	0	35	00	0	0	-	21.4	22	57	13
	62420	BAHARÎYA	320	3	35	03	2	6	Ac	19.1	21	33	4
	62423	FARAFRA											
	62432	DAKHLA	320	8	50	00	0	2	St,Cu	15.5	25	17	-2
	62435	KHARGA	360	4	35	00	0	0	-	15.5	26	23	3
Red Sea	62450	SUEZ	310	2	35	00	0	0	-	16.0	21	26	1
	62459	TOR	310	17	35	00	0	0	-	14.6	21	41	7
	62462	HURGHADA	340	23		00	0	0	-	14.5	20	53	10
	62465	QUSEIR	20	19	15	02	0	0	-	14.8	23	44	10
	62641	PORT SUDÂN											
North Sudan	62600	WÂDI HALFA											
	62640	ABU HAMAD											
	62660	KAREIMA											
	62680	'ATBARA											
	62721	KHARTUM											
	62730	KASSALA											
Central Sudan	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID											
	62760	EL FÂSHER											
	62770	GENEINA											
S. Sudan	62840	MALAKÂL											
	62880	WÂU											
	62941	JUBA											

At 1800 on Mon 4th

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain past 12 hrs mms
SALUM	360	6	7	01	0	0	-	21.9	15	68	9	0
SÎDI BARÂNI	340	9		01	2	4	Ac,Ci	22.3	14	77	10	0
MATRUH	10	11	13	02	2	4	Sc	21.2	14	67	8	0
EL DABA												
ALEXANDRIA	360	11	7	03	2	5	Cu.Sc	19.1	14	55	5	0
FOUAD (Airport)	300	14	12	03	1	4	Sc	19.2	14	48	3	0
DAMIETTA	320	9		02	1	2	Cu	17.6	15	68	9	0
PORT SAÏD	340	11	14	01	0	1	Sc	17.3	16	52	6	0
EL 'ARISH	320	5	7	02	0	2	Cu	17.6	14	67	8	0
DAMANHUR	310	13	7	03	1	3	Cu	19.4	12	82	9	0
MANSURA	360	2	3	00	1	0	-	18.4	14	55	5	0
TANTA	270	2	35	02	1	3	Cu	18.3	13	67	7	0
ZAGAZIG	320	5	3	00	1	0	-	18.6	13	77	9	0
ISMAÏLIA	20	2	3	03	1	4	Sc	17.4	15	48	4	0
FAROUK (Airport)	310	14	12	01	1	2	Ci	18.1	15	55	6	0
ALMÂZA	330	16	12	00	1	0	-	19.1	15	55	6	0
EZBEKIYA	360	5	15	00	0	0	-	18.4	15	53	5	0
GÎZA	360	5	15	00	0	0	-	18.8	14	55	5	0
HELWÂN	340	13	15	01	0	0	-	18.3	15	48	4	0
FAIYUM	360	2	35	02	0	0	-	18.2	16	42	3	0
MINYA	360	5	12	00	0	0	-	17.6	15	48	4	0
ASYUT Mandara												
NAG HAMMADI	326	2	7	00	0	0	-	15.8	20	49	9	0
QENA	240	5	7	00	0	0	-	14.6	22	29	3	0
LUXOR	340	8	12	00	0	0	-	14.3	21	23	-1	0
ASWÂN	360	12	50	00	0	0	-	13.4	24	15	-5	0
SÎWA	40	12	7	00	0	0	-	21.5	18	52	8	0
BAHARÎYA	360	5	15	01	2	3	Ac	19.0	17	34	1	0
FARAFRA												
DAKHLA	320	9	35	00	0	0	-	16.0	22	21	-1	0
KHARGA	360	1	15	00	0	0	-	16.2	21	33	4	0
SUEZ	360	3	7	02	0	0	-	17.1	17	42	4	0
TOR	310	9	15	00	0	0	-	14.0?	20	46	8	0
HURGHADA	300	22		01	0	1	Cu	13.9?	19	46	7	0
QUSEIR	330	13	15	02	0	0	-	14.4	21	57	12	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on TUESDAY 5th

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Bar. Pressure Diff. from normal mbs	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms Past 24 hrs	Total From Oct 1st	Normal From Oct 1st
SALUM	360	9	7	03	2	5	Ac	21.9		15	17		9		48	4	0		
SÎDI BARÂNI	340	13	50	03	1	5	Cu,Ci	22.3		14	17		12		67	8	0	271	
MATRUH	10	16	15	02	2	6	Sc,As	20.9		13	18		12		55	4	0		
EL DABA																		167	
ALEXANDRIA	330	11	50	03	2	6	Cu,Sc	18.2	+3.4	15	19	-4	12	-2	48	4	0	255	181
FOUAD (Airport)	320	12	18	03	1	7	Sc,Ci	17.9		14	20		12		45	2	0	257	137
DAMIETTA	290	5		02	1	3	Cu			14	19		9		55	5	0	315	101
PORT SAÏD	320	15	45	03	2	6	Sc	17.1		14	18		12		55	5	0	61	
EL 'ARISH	220	2	35	03	1	4	Cu	16.2	+1.7	13	18	-5	10	-2	67	7	0		86
DAMANHUR	310	13	15	03	1	6	Cu,Ci	18.0	+3.1	15	19	-6	9	-2	68	9	0	98	94
MANSURA	320	5	35	02	1	4	Ac	17.4	+2.3	15	21	-5	9	-2	48	4	0	42	48
TANTA	270	2	35	01	1	2	Cu	18.6	+3.4	13	21	-6	6	-4	67	7	0	29	35
ZAGAZIG	220	5	7	03	0	3	Ac	18.7	+3.6	13	23	-4	7	-3	67	7	0	19	25
ISMAÏLIA	290	5	3	00	1	4	Ac	17.8		14	21		9		48	3	0	12	
FAROUK (Airport)	290	9	10	02	1	7	S	18.1		12	21		9		63	5	0		
ALMÂZA	300	9	12	03	0	7	Sc	18.8	+3.7	13	20		9		55	4	0		
EZBEKIYA	360	9	15	01	0	6	Sc	18.8	+3.7	13	21	-6	10	-2	56	4	0	8	23
GÎZA	360	9	15	01	0	6	Sc	19.0	+3.6	14	21	-6	8	-2	53	5	0	14	22
HELWÂN	290	5	15	00	2	8	Sc,Ac,Ci	19.4	+4.5	12	20	-7	8	-5	63	5	0	15	25
FAIYUM	360	5	35	00	2	7	St	19.5	+4.2	14	21	-7	9	-3	55	5	0	6	8
MINYA	10	11	12	03	1	7	Ac,Ci	19.0		12	22		8		55	3	0	5	
ASYUT Mandara	360	5	18	00	0	4	Ci	18.6		14	24		12		48	3	0	0	
NAG HAMMADI	320	6	3	01	0	3	As	17.1	+3.3	15	26		12		48	4	0	0	
QENA	270	5	15	01	0	2		16.0	+2.4	19	30	-4	14	0	30	1	0	dr	
LUXOR	00	0	30	02	1	3	Ac	16.5		19	29		15		33	3	0	dr	
ASWÂN	360	10	50	00	0	0	-	15.4	+2.3	18	29	-5	16	-2	46	6	0	dr	
SÎWA	00	0	35	00	0	0	-	22.7	+6.5	13	23	-5	10	-1	77	9	0	dr	8
BAHARÎYA	360	4	35	03	2	8	Ac	20.7	+4.9	12	22	-7	11	0	63	5	0	dr	7
FARAFRA																			
DAKHLA	270	2	35	02	2	7	Fs,Fc,As	18.4	+3.7	16	27	-5	13	0	42	3	0	dr	
KHARGA	340	5	15	00	0	3	Ci	17.9	+3.7	15	26	-6	14	0	48	4	0	0	
SUEZ	310	6	35	00	0	6	Cu	18.6	+3.6	14	22	-5	9	-5	48	3	0	12	15
TOR	310	11	35	02	0	5	Ci	16.0	+2.9	17	22	-4	16	+1	42	4	0	dr	13
HURGHADA	300	24		03	0	6	Sc	15.4		16	20		16		64	9	0	7	
QUSEIR	330	13	15	00	0	4	As	14.7		19	24	-3	16	-3	46	7	0	0	4
PORT SUDÂN	300	3	30	00	0	1	Ci	12.7		25	29		18		54	15	0	34	95
WÂDI HALFA	30	15	30	03	0	3	Ci	12.8		21	32		17		35	5	0	tr	
ABU HAMAD	50	8	30	02	1	4	Ci	10.2		20	37		18		16	-7	0		
KAREIMA	70	7	30	00	0	0	-	9.9		25	37		21		30	6	0	3	1
'ATBARA	170	9	30	01	0	0	-	9.7		27	38		19		19	1	0	7	2
KHARTUM	20	5	30	02	0	1	Ci	8.4		28	40		22		14	-2	0	10	4
KASSALA	250	2	30	00	0	0	-	7.8		27	39		19		40	12	0	16	9
WÂD MEDANI	90	9	50	01	1	2		9.0		27	41		23		45	14	0	11	12
RENK	310	5	50	00	0	0	-	8.7		32	40		20		43	18	0	0	49
ROSEIRES	180	5	35	00	0	0	-			30	40		24		49	18	0	3	40
EL OBEID	100	12	30	01	1	4	Ac	8.1		30	38		23		13	-1	0	11	17
EL FÂSHER	50	5	30	00	0	0	-			27	38		20		23	4	0	1	6
GENEINA																			4
MALAKÂL	200	3	30	03	1	5	Cs	8.7		25	38		21		79	21	0	127	97
WÂU	00	0	30	00	0	2	Ac,Ci	8.8		24	39		21		84	21	0	280	182
JUBA	00	0	30	03	2	8	Cs	10.7		27			23		70	21	dr	182	204

HUMIDITY % Mean of day

Station	On 4th	Diff. from normal
Alexandria	44	-22
Ezbekiya	56	-1
Giza	59	0
Helwân	59	+16

GÎZA GRASS MINIMUM TEMP. ON 5th 4.0 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — Farouk AIRPORT — On 5th At 3

Pressure mbs.	Height above M.S.L. ~~metres~~	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	145	9	71	320	3
950					
900					
850	1474	4	65	320	22
800					
700	3028	-2		280	35
600					
500	5612	-18		280	57
400		-22			
300					

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

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

UPPER WIND OBSERVATIONS on 4th

Station	Ma'ruh				Fouad A.P.				Minia																	
Time	13 45				15 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	350	11			330	22			350	16																
600	350	16			330	17			360	23																
1000	350	20			330	20			340	23																
1500					330	17			320	22																
2000					330	18			320	40																
3000					300	23																				
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 5th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyut Mandabad		Luxor		Aswân		Hurghada		Farouk	
Time	5		5		4						6 45		3		9 30		5 45		5				3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	350	15	300	17	310	17					330	8	350	20	320	16	360	4	360	12			330	15
600	350	16	300	22	320	13					340	16	10	31	330	21	310	16	360	22			330	18
1000	350	15	290	12	320	17					330	19	360	30	340	20	340	22	360	14			320	19
1500			130	19	320	20					320	22	340	12	340	16			20	19			320	22
2000															310	22			240	10			300	22
3000															280	14							280	35
4000																								
5000																							280	48
6000																							280	66
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	5		5		5		6												4		4 45		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	30	24	360	18	360	2	10	17																
600	30	23	360	27	350	5	360	22															260	7
1000	20	23	360	31	10	10	360	25											90	19	80	10	240	6
1500	20	26	360	19	330	20	340	20											30	17	120	15	140	6
2000	360	19	330	24	330	28	320	26											10	11			40	12
3000	360	23	330	17																	140	20	60	21
4000	360	24																						
5000	340	12																						
6000	320	24																						
7000																								
8000																								

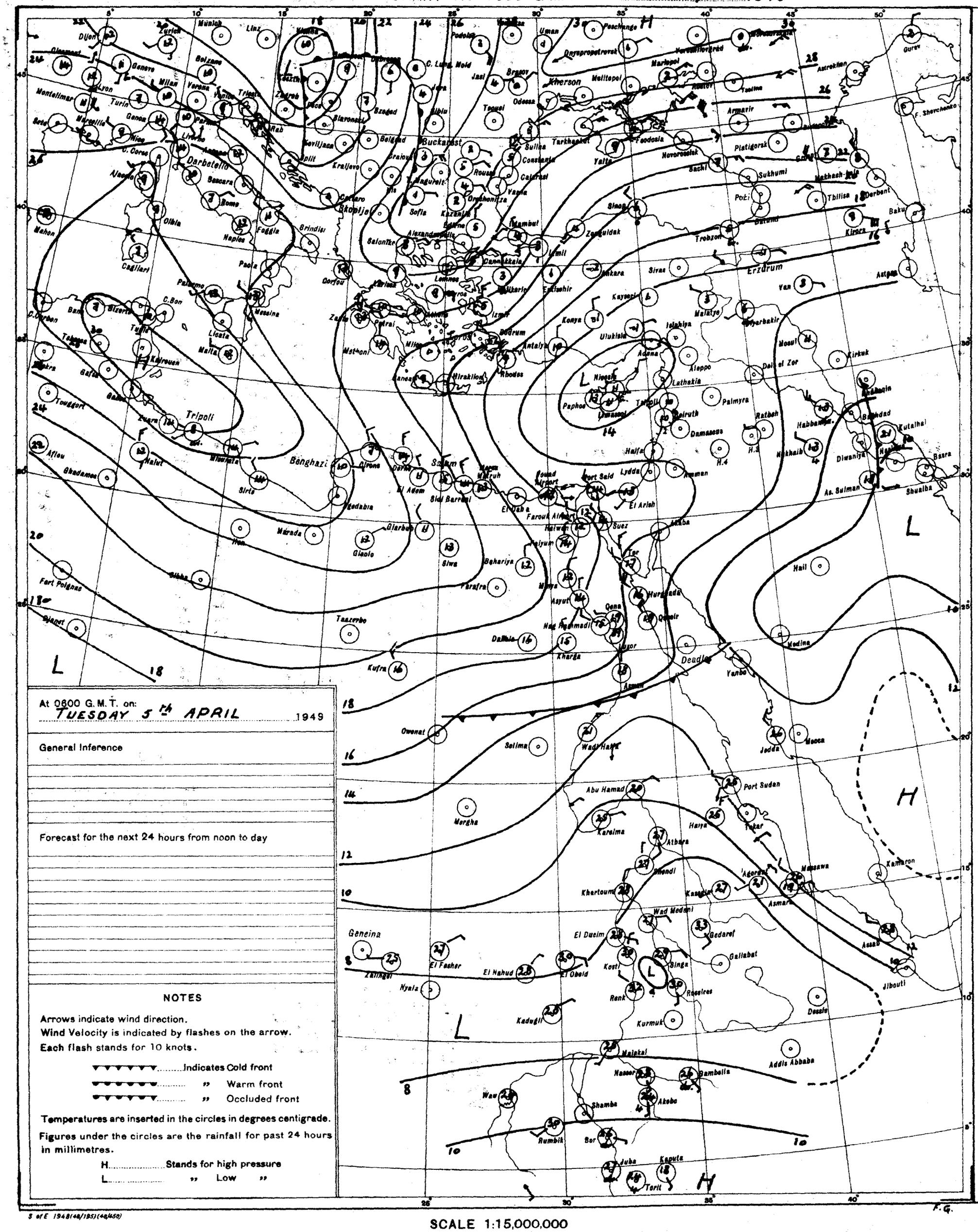
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 5 - 4 - 1949


Munich
Zurich
Dijon
Geneva
Milan
Lyon
Montelimar
Turin
Marseille
Genoa
Nice
Cagliari
Palermo
Messina
Naples
Rome
Foggia
Brindisi
Bari
Tunis
Kairouan
Malta
Tripoli
Benghazi
Sirte
Kufra
Kharga
Aswan
Wadi Halfa
Port Sudan
Khartoum
Omdurman
Kassala
Asmara
Massawa
Aden
Hodeida
Jedda
Mecca
Medina
Yanbo
Deadlee
Hail
Baghdad
Basra
Kirkuk
Mosul
Aleppo
Damascus
Beirut
Haifa
Amman
Jerusalem
Port Said
Suez
Cairo
Alexandria
Athens
Rhodes
Crete
Istanbul
Ankara
Sivas
Erzurum
Trebizond
Tbilisi
Baku
Derbent
Batumi
Sukhumi
Tuapse
Rostov
Kherson
Odessa
Bucharest
Sofia
Belgrade
Zagreb
Vienna
Budapest
Prague
Munich
Linz
Zurich
Dijon
Geneva
Milan
Verona
Trieste
Rome
Naples
Palermo
Tripoli
Benghazi
Khartoum
Port Sudan

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 No 7 F.

DAILY WEATHER REPORT

Date: WEDNESDAY 6th APRIL, 1949

At 1200 on TUES 5th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
Mediterranean	62300	SALUM	360	11	14	02	2	5	Cu.Sc	21.6	17	42	4	
	62303	SIDI BARÂNI	340	18	50	03	2	8	Cu.C	22.2	16	68	10	0
	62306	MATRÛH	10	11	14	02	2	6	Sc	20.7	16	45	4	dr
	62309	EL DABA												
		ALEXANDRIA	312	20	50	02	2	5	Cu.Sc	17.8	16	42	3	0
	62318	FOUAD (Airport)	300	21	14	02	1	4	Ci	18.1	16	77	12	
	62330	DAMIETTA	320	9	7	03	6	6	Cu.Sc	15.5	15	68	9	0
	62333	PORT SA'ID	310	16	18	03	1	8	Sc	15.4	16	52	6	dr
	62336	EL 'ARISH	320	9	35	02	2	2	Cu	15.4	16	68	10	0
Lower Egypt	62339	DAMANHUR	310	13	15	02	1	3	Cu	17.8	16	59	8	
	62342	MANSURA	360	9	35	03	2	6	Cu	18.4	18	37	3	dr
	62348	TANTA	310	8	35	03	1	5	Cu	17.6	18	37	3	dr
	62354	ZAGAZIG	220	5	7	02	1	4	Ac	15.9	20	46	8	0
	62441	ISMAILIA	390	2	3	03	2	9	As	15.4	16	36	1	0
Cairo Area	62366	FAROUK (Airport)	290	17	30	02	2	4	Sc	15.9	20	30	2	
	62372	ALMÂZA	280	13	30	02	2	4	Sc	15.9	18	34	2	
		EZBEKIYA	320	10	35	03	0	4	Cu.C	16.0	19	30	1	0
		GÎZA	320	10	35	03	0	4	Cu.C	16.3	20	27	0	
	62378	HELWÂN	290	9	15	03	1	6	Cu.Ac	15.8	18	28	-1	0
Upper Egypt	62381	FAIYÛM	360	8	35	02	2	7	St	16.8	19	30	1	
	62387	MINYA	10	11	14	01	2	6	Ci	17.7	19	28	0	
	62393	ASYUT Manqabad	340	5	18	02	1	8	As	16.9	18	37	3	
	62399	NAG' HAMMADI	220	4	7	02	1	6	Ac.Cu	14.6	21	33	4	0
	62402	QENA	290	9	35	03	1	6	Ac	13.8	25	17	-2	0
	62405	LUXOR	340	10	30	03	1	5	Sc	14.5	23	20	-1	0
	62414	ASWÂN	360	10	50	01	1	3	As	13.4	25	21	1	0
Oases	62417	SÎWA	00	0	35	00	0	0	-	22.4	19	29	1	0
	62420	BAHARIYA	320	5	35	01	2	6	Ac	19.0	19	30	1	0
	62423	FARAFRA												
	62432	DAKHLA	320	17	15	01	2	8	Ci.Cc	17.2	19	23	-3	0
	62435	KHARGA	360	8	7	03	2	6	Cc	16.7	20	24	-1	0
Red Sea	62450	SUEZ	220	6	35	00	0	5	Cu	15.2	20	33	3	
	62459	TÛR	310	18	35	02	1	7	Ci	14.0	19	52	9	
	62462	HURGHÂDA	330	19		02	2	8	As	13.8	18	64	11	0
	62465	QUSEIR	360	19	15	03	2	6	Ac	14.0	20	33	15	
	62641	PORT SUDÂN	60	14	30	00	0	0	-	10.4	27	52	16	
North Sudan	62600	WÂDI HALFA	30	21	10	07	0	0	-	10.3	30	18	3	
	62640	ABU HAMAD	00	0	30	03	0	1	Ac	5.0	36	17	7	
	62660	KAREIMA	180	2	30	00	0	0	-	4.8	39	12	4	
	62680	'ATBARA	20	5	30	02	0	1	Ci	3.9	38	9	-1	
	62721	KHARTÛM	130	3	30	01	1	1	Ac.Ci	3.5	38	10	1	
	62780	KASSALA	360	5	30	00	0	0	-	2.2	40	14	8	
Central Sudan	62751	WÂD MEDANI	50	5	35	02	1	4	Cc	2.3	39	10	2	
	62801	RENK	130	5	50	02	1	4	Ci	3.2	40	28	18	
	62802	ROSEIRES	180	2	36	00	0	0	-		40	20	13	
	62771	EL OBEID	100	4	30	02	1	6	Ci	3.2	38	11	2	
	62760	EL FÂSHER	180	5	30	00	0	2	Ac		38	12	4	
	62770	GENEINA	180	6	10	05	0	2	Cu		37	13	4	
S. Sudan	62840	MALAKÂL	220	2	30	03	0	2	Cu.Ac	4.4	36	33	17	
	62880	WÂU	110	3	30	02	0	3	Cu.Ci	4.2	35	37	18	
	62941	JUBA												

At 1800 on TUES 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	320	5	7	01	2	6	Ac	21.6	14	67	8
SIDI BARÂNI	290	11	35	21	5	2	Sc,Cu	21.6	14	88	12
MATRÛH	330	10	12	02	2	4	Sc	21.2	12	59	4
EL DABA											
ALEXANDRIA	310	24	7	03	2	4	Cb	18.3	13	55	4
FOUAD (Airport)	320	25	12	03	2	5	Cu	18.1	13	55	4
DAMIETTA	250	5		20	2	7	Cb.Sc	16.3	12	77	8
PORT SA'ID	300	17	15	02	1	3		16.0	13	67	7
EL 'ARISH	310	13	7	03	5	6	Cb	15.6	14	77	10
DAMANHUR	310	13	3	52	5	7	Cb	17.8	10	88	8
MANSURA	270	5	3	03	5	4	Cu	17.5	11	83	4
TANTA	270	5	35	03	1	6	Cu	17.3	12	63	5
ZAGAZIG	320	7	3	02	1	4	Ac	17.9	11	63	4
ISMAILIA	290	13	3	07	1	2	Ac	17.0	13	44	1
FAROUK (Airport)	290	10	12	01	2	0	-	18.3	12	59	4
ALMÂZA	310	11	18	01	2	7	Ci	18.4	14	42	1
EZBEKIYA	320	3	15	03	0	5	Sc	19.1	13	44	1
GÎZA	320	3	15	03	0	5	Sc	18.8	12	56	3
HELWÂN	320	9	7	01	0	1	Ac,Ci	18.6	12	55	3
FAIYÛM	330	5	35	01	2	5	St	19.6	13	44	1
MINYA	10	14	12	01	2	3	Ci	18.7	14	36	-1
ASYUT Manqabad											
NAG' HAMMADI	270	3	3	00	0	0	-	17.0	15	48	4
QENA	290	9	7	01	2	4	Ci	15.9	18	28	-1
LUXOR	340	6	15	03	2	7	Sc	16.2	17	34	1
ASWÂN	360	12	50	00	0	0	-	15.1	20	28	1
SÎWA	00	0	7	00	0	0	-	22.6	14		
BAHARIYA	360	4	15	02	2	0	-	20.0	14	36	-1
FARAFRA											
DAKHLA	320	9	35	01	0	3	Fc,Ac	18.3	17	26	-3
KHARGA	20	1	7	00	0	0	-	17.6	17	31	1
SUEZ	310	9	7	01	0	2	Cu	16.8	15	48	4
TÛR	340	8	15	01	1	5	Ci	14.7	19	56	10
HURGHÂDA	310	21		01	1	3	Cc	14.3	17	68	11
QUSEIR											
PORT SUDÂN											
WÂDI HALFA											
ABU HAMAD											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
WÂD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
MALAKÂL											
WÂU											
JUBA											

At 0600 on WEDNESDAY 6th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st
SALUM	320	5	7	01	0	1	Cb	21.6		14	17		9		67	8	1		
SIDI BARÂNI	340	15	50	01	6	0	-	21.9		14	16		4		67	8	1	272	
MATRÛH	10	12	13	02	1	2	Sc	20.9		13	17		9		62	2	0		
EL DABA																			
ALEXANDRIA	360	10	50	03	5	5	Sc,Cu	18.0	+2.2	14	17	-6	9	-5	52	4	dr	265	181
FOUAD (Airport)	320	21	18	02	8	8	Cu,Cc	17.9		14	18		9		48	3	0.5	268	137
DAMIETTA	320	9	3	01	2	5	Cu	15.8	+4.1	12	17		6		65	5	dr	315	101
PORT SA'ID	290	17	12	01	8	6	Cu,Sc	15.6		10	18		8		94	9	5	66	
EL 'ARISH	220	9	15	21	6	8	Cb	15.0	+0.6	9	18	-5	7	-5	95	9	5		86
DAMANHUR	40	9	7	03	7	13	Cu	17.9	+3.0	13	17	-8	8	-3	77	9	0.1	98	94
MANSURA	360	5	15	50	2	5	Cb	16.6	+1.5	12	19	-7	7	-4	55	3	dr	42	48
TANTA	220	5	35	01	6	5	Cu	17.1	+2.0	10	20	-7	4	-6	88	8	0.2	29	35
ZAGAZIG	220	5	7	01	6	2	Ac	17.6	+2.5	11	21	-6	8	-3	77	7	0	19	25
ISMAILIA	250	13	3	00	1	4	As	16.6		12	20		9		63	5	0	12	
FAROUK (Airport)	290	14	12	03	0	6	Cb	18.4		10	20		9		76	6	0		
ALMÂZA	300	10	14	02	2	6	Cu	18.7	+3.8	11			9		67	5	0.4		
EZBEKIYA	320	19	15	03	0	3	Cu,Sc	18.7	+3.6	12	19	-8	9	-4	55	3	0.1	8	23
GÎZA	320	19	15	03	0	3	Cu,Sc	18.8	+3.4	13	21	-6	8	-2	55	4	0	14	22
HELWÂN	290	5	15	00	2	7	Sc	19.0	+4.1	11	19	-8	8	-5	63	4	0	15	25
FAIYÛM	290	8	35	01	5	3	St	20.0	+4.8	13	20	-8	9	-3	55	4	dr	6	8
MINYA	320	16	14	00	0	2	Ac	21.2		13	21		5		44	1	0	5	
ASYUT Manqabad	310	10	30	00	0	1	Cu	20.3		14	19		6		52	4	0	0	
NAG' HAMMADI	360	3	7	00	0	0	-	20.7	+6.9	13	22		7		44	1	0	0	
QENA	290	9	15	00	0	0	-	21.5	+8.0	13	24	-8	9	-6	38	-1	0	dr	
LUXOR	340	15	30	00	0	0	-	18.8		14	24		10		29	-4	0	dr	
ASWÂN	360	13	15	02	2	6	Sc,Cu	18.8	+5.7	14	25	-8	13	-5	22	1	0	dr	
SÎWA	00	0	35	00	0	0	-	23.5	+7.4	12	20	-8	9	-2	77	8	0	dr	8
BAHARIYA	270	6	35	02	0	0	-	21.6	+5.9	12	20	-9	7	-4	63	5	0	dr	7
FARAFRA																			
DAKHLA	320	9	35	00	0	0	-	21.4	+6.8	12	20	-12	7	-6	44	0	0	dr	
KHARGA	360	6	35	00	0	0	-	21.0	+6.9	14	21	-14	9	-5	55	5	0	0	
SUEZ	310	12	15	00	0	5	Cu	17.9	+2.9	13	22	-5			55	4	0	12	15
TÛR	20	9	15	00	1	5	Ci	17.5	+1.9	14	22	-6	12	-3	55	5	0	dr	13
HURGHADA	300	19		00	0	1	Cu	17.7		14	19		10		48	3	0	7	
QUSEIR	360	19	15	02	0	0	-	17.2	+4.4	16			13	-6	42	3	0	0	4
PORT SUDÂN	360	14	10	18	2	7	Sc,Ac	12.5		24	28		21		74	19	0	34	95
WÂDI HALFA	20	25	7	07	1	5	Ci	18.0		17	31		14		28	-2	0	8	
ABU HAMAD	50	24	2	07	1	3	Ac	12.0		23	38		18		15	-5	0		
KAREIMA	20	16	4	07	3	7	Ac	11.6		25	39		23		19	0	0	3	1
'ATBARA	340	13	4	07	0	0	-	9.2		25	39		23		26	4	0	7	2
KHARTÛM	20	14	7	07	0	0	-	8.8		27	40		24		17	0	0	10	4
KASSALA	50	2	30	03	0	4	As	6.6		29	41		22		35	12	0	16	9
WÂD MEDANI	50	5	50	01	1	6	Ac	6.6		29	41		23		20	4	0	11	12
RENK	130	9	50	00	0	0	-	7.2		25	41		21		61	17	0	0	50
ROSEIRES	340	2	35	01	1	1	Ac			27	41		24		45	14	0	3	41
EL OBEID	00	0	30	00	0	0	-	7.8		28	39		22		22	4	0	11	17
EL FÂSHER	50	12	10	00	0	1	Ac			28	39		23		25	6	0	1	6
GENEINA	20	6	10	02	2	7	Ac			29	38		26		12	-3	0		4
MALAKÂL	00	0	30	02	1	4	Ac	8.0		27	37		24		70	21	0	127	98
WÂU	00	0	30	02	1	5	Ac,Ci	7.2		29	36		26		59	20	0	280	124
JUBA	110	2	50	01	0	1	Ac,Ci	8.0		29	37		27		59	20	0	182	207

HUMIDITY

Mean of day %

Station	on 5th	Diff. from normal
Alexandria	46	-20
Ezbekiya	50	-6
Giza	51	-7
Helwân	49	+6

GÎZA GRASS MINIMUM TEMP. ON 6th 3.5 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — Farouk AIRPORT — On 6 At 4

Pressure mbs.	Height above M.S.L. Feet	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	136	9	76	270	17
950					
900					
850	1462	-1		310	34
800					
700	2983	-11		320	43
600					
500	5514	-20			
400		-29			
300	7122	-41			

AIRPORT — On ..... At .....

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

UPPER WIND OBSERVATIONS on 5th

Height m.	Fouad A.P. Time 15 Dir.	Vel.	Minya Time 15 Dir.	Vel.	Almaza Time 14 45 Dir.	Vel.	Matruh Time 10 45 Dir.	Vel.
300	320	12	340	10	310	15	300	17
600	320	19	330	26	300	11	300	22
1000	310	17	330	36	290	12	290	12
1500			320	49	280	13	130	19
2000			320	29				
3000								
4000								
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 6th

Height m.	Sîdi Barâni Time 5 Dir.	Vel.	Matrûh Time 4 30 Dir.	Vel.	Fouad Airport Time 4 Dir.	Vel.	Port Said Dir.	Vel.	El 'Arîsh Dir.	Vel.	Helwân Time 6 45 Dir.	Vel.	Minya Time 3 Dir.	Vel.	Asyût Manqabad Time 9 Dir.	Vel.	Luxor Time 5 15 Dir.	Vel.	Aswân Time 5 Dir.	Vel.	Hurghada Dir.	Vel.	Farouk R.P. Time 4 Dir.	Vel.
300	340	9	330	19	320	14					310	6	300	25	340	28	340	12	360	11			290	26
600	340	11	330	34	320	20					330	14	310	32	330	28	340	15	350	31			290	29
1000	340	13	340	42	330	21					330	20	310	34	330	20	340	15	350	32			290	31
1500	340	15	340	28	340	37					Ent St		310	30	320	21			320	32			320	39
2000	340	19											330	30									310	30
3000																							220	48
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Siwa Time 5 Dir.	Vel.	Bahariya Time 5 Dir.	Vel.	Dakhla Time 5 Dir.	Vel.	Kharga Time 5 30 Dir.	Vel.	Wâdi Halfa Dir.	Vel.	Abu Hamad Time 4 15 Dir.	Vel.	Kareima Time 4 15 Dir.	Vel.	Khartûm Time 4 Dir.	Vel.	Kassala Time 4 Dir.	Vel.	El Obeid Time 3 45 Dir.	Vel.	El Fâsher Dir.	Vel.	Malakâl Time 5 Dir.	Vel.
300	330	23	320	26	350	10	360	25									340	2						
600	350	29	330	31	360	17	360	29			20	31	20	29	10	16	350	6					210	9
1000	350	26	330	30	350	26	350	30			30	28	30	40	20	21	350	7	20	18			190	8
1500	340	27			350	36					10	21	60	19	60	19	10	10	40	10			50	4
2000	330	31													120	4	30	11					100	5
3000															70	10	360	6	150	8			220	12
4000																			150	8				
5000																								
6000																								
7000																								
8000																								

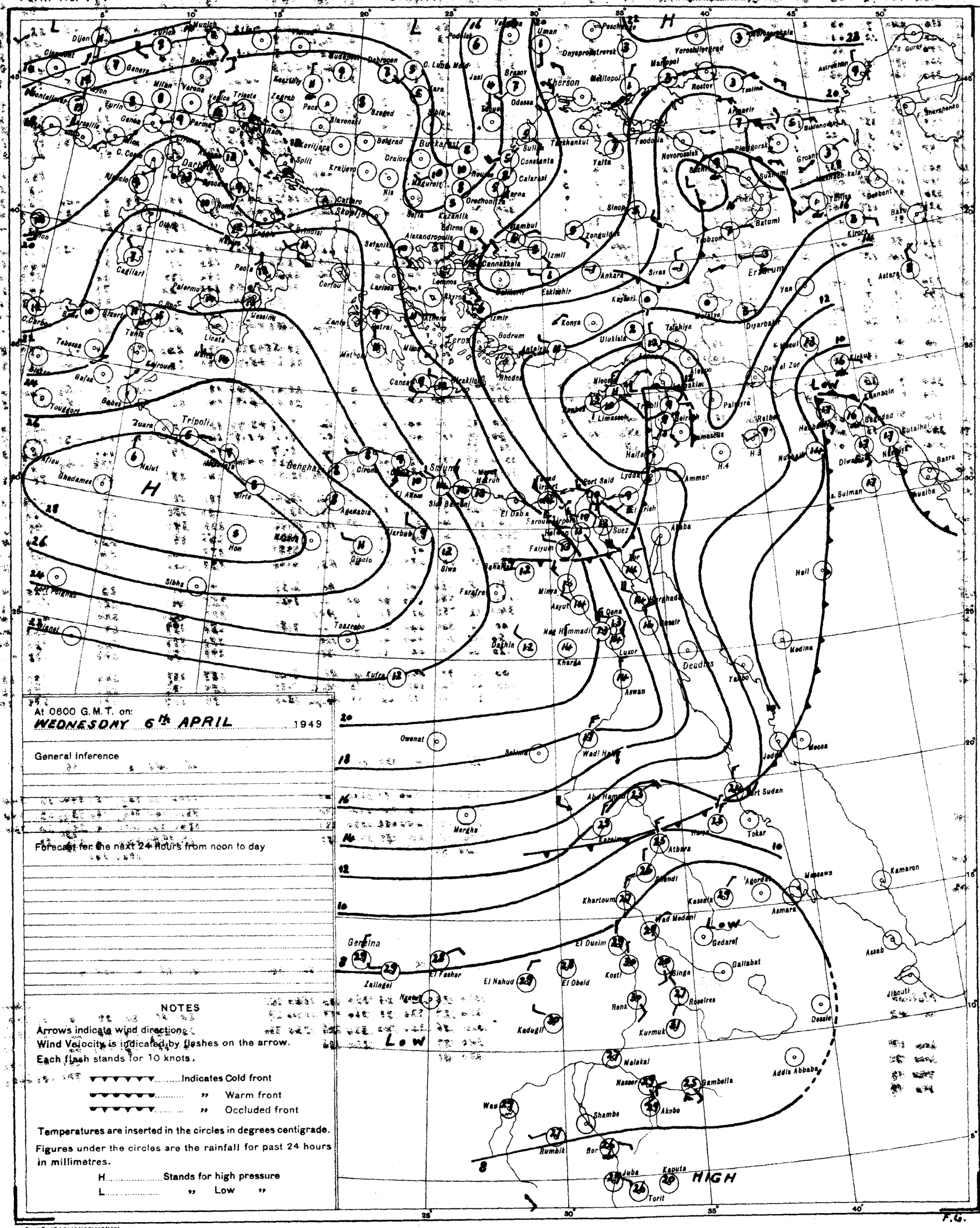
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 6 - 4 - 1949


Dijon
Zurich
Munich
Vienna
Budapest
Debrecen
Kherson
Odessa
Bucharest
Belgrad
Sofia
Istanbul
Ankara
Sivas
Erzurum
Tiflis
Baku
Rostov
Kiev
Moscow
Tripoli
Benghazi
Cairo
Port Said
Suez
Luxor
Aswan
Khartoum
Port Sudan
Asmara
Addis Abbaba
Nairobi
Mecca
Medina
Jedda
Aden
Basra
Baghdad
Teheran
Tashkent
Alma Ata
Omsk
Kazan
Astrakhan
Gurev
Sharshenko
Kamaron
Massawa
Gedaref
Kassala
Wad Medani
Kosti
Malakal
Juba
Torit
Kapuka
Gambella
Akobo
Wau
Rumbik
Bor
Shambe
Nasser
Kurmuk
Roseires
Singa
Gallabat
Asab
Jibouti
Dessie
Tokar
Atbara
Merga
Owenat
Kufra
Taazerbo
Sibha
Nalut
Ghadames
Zuara
Tripoli
Benghazi
Cairo
Alexandria

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 No 7 F.

DAILY WEATHER REPORT

Date: Thursday 7th April, 1949

At 1200 on Wed. 6th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM	320	11	7	03	1	4		21.1	19	46	7
	62303	SÎDI BARÂNI	320	12	50	03	1	5	Sc,Cu	21.4	19		
	62306	MATRÛH	350	11	14	00	0	0	-	21.1	17	46	5
	62309	EL DABA											
		ALEXANDRIA	310	16	50	03	5	6	cb	18.8	15	59	7
	62318	FOUAD (Airport)	310	18	18	02	2	6	Cu	19.1	16	49	5
	62330	DAMIETTA	320	5	15	01	1	2	Cu	16.8	16	49	5
	62333	PORT SA'ID	310	19	30	03	8	4	Cu,Sc	16.8	15	55	6
	62336	EL 'ARISH	320	24	35	01	2	4	cb		15	68	9
Lower Egypt	62339	DAMANHUR	360	13	15	03	1	4	Sc	18.6	17	60	9
	62342	MANSURA	320	9	35	03	2	6	Cu	17.5	18	37	3
	62348	TANTA	310	13	35	02	1	5	Cu	18.8	17	42	4
	62354	ZAGAZIG	320	5	7	02	1	4	Ac	18.0	18	52	8
	62441	ISMA'ILIA	290	13	3	02	2	6	Sc	16.7	18	28	-1
Cairo Area	62366	FAROUK (Airport)	320	14	30	81	8	5	Cb.	18.2	16	52	6
	62372	ALMAZA											
		EZBEKIYA	320	12	35	03	5	3	Cu,Sc	18.4	18	37	3
		GIZA	320	12	35	03	5	3	Cu,Sc	18.2	18	29	0
	62378	HELWAN	290	18	35	03	2	6	Cu	18.4	17	34	1
Upper Egypt	62381	FAIYUM	330	8	35	03	2	7	St	19.1	17	42	4
	62387	MINYA	20	18	12	03	0	2	Cu	19.3	20	24	-1
	62393	ASYUT MANQABAD	320	15	30	00	0	0	-	17.2	20	28	1
	62399	NAG' HAMMADI	320	8	50	00	0	0	-	17.2	20	24	-1
	62402	QENA	290	13	50	00	0	0	-	17.1	21	26	1
	62405	LUXOR	330	24		07	3	0	-	16.6	20	17	-6
	62414	ASWAN	360	12	15	01	1	4	Sc,Cu	17.6	20	35	4
Oases	62417	SIWA	270	5	35	00	0	0	-	21.4	23		
	62420	BAHARIYA	360	5	35	02	0	0	-	20.2	19	24	-2
	62423	FARAFRA	320	21	7	07	3	0	-	21.6	20		
	62432	DAKHLA	320	22	35	00	0	0	-	18.8	20	24	-1
	62435	KHARGA	20	6	15	00	0	0	-	17.5	21	20	-3
Red Sea	62450	SUEZ	310	11	35	03	0	6	Cu	16.3	18	28	-1
	62459	TOR	20	11	15	01	1	3	Ci	16.8	19	37	4
	62462	HURGHADA	340	24		01	2	1	Cu	15.9	17	56	8
	62465	QUSEIR	20	19	15	02	0	0	-	15.6	20	46	8
	62641	PORT SUDAN	40	23	2	07	0	1	Cu		27	66	20
North Sudan	62600	WADI HALFA	10	26	1	07	3	9		16.3	23	15	-5
	62640	ABU HAMAD	50	19	1	30	3	6	Ac	9.8	27	13	-4
	62660	KAREIMA	20	22	0.5	31	3	5	Ac	11.1	28	14	-2
	62680	'ATBARA	360	13	4	07	0	0	-	4.6	36	17	7
	62721	KHARTUM	10	10	4	05	0	0	-	3.9	37	9	-1
	62730	KASSALA	20	5	30	03	0	4	Ac	0.3	41	18	12
Central Sudan	62751	WAD MEDANI	130	5	35	00	0	0	-	1.3	41	8	1
	62801	RENK	130	5	50	02	1	4	Cu	1.4	41	18	12
	62802	ROSEIRES	230	2	35	00	0	0	-		41	18	12
	62771	EL OBEID	40	6	30	00	0	0	-	2.9	37	14	6
	62760	EL FASHER											
	62770	GENEINA	20	13	2	05	0	0	-		36	10	-4
S. Sudan	62840	MALAKAL	130	2	30	03	1	4	Cu	2.0	39	28	17
	62880	WAU	80	5	30	00	0	1	Cu	1.4	39	21	13
	62941	JUBA	360	5	50	03	1	6	Cu,Cb	1.5	37	31	17

At 1800 on Wed. 6th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALUM	270	4	7	01	0	0	-	20.8	16	68	9	0
SIDI BARANI	290	4	35	01	1	0	-	21.1	14	88	12	0
MATRUH												
EL DABA												
ALEXANDRIA	310	11	7	02	5	4	Cu,Sc	19.9	14	55	15	dr
FOUAD (Airport)	310	14	11	01	1	3	Sc	19.7	14	52	4	0
DAMIETTA	320	5		02	1	2	Cu	18.3	14	67	8	0
PORT SA'ID	290	17	18	02	1	3	Cu,Sc	17.8	14	67	8	2
EL 'ARISH	320	19	7	01	6	4	cb	17.8	14	67	8	dr
DAMANHUR	360	9	15	02	1	3	Cu	19.6	12	77	8	0
MANSURA	270	5	3	00	5	0	-	19.8	11	88	9	dr
TANTA	220	2	35	02	6	5	Cu	19.3	10	76	6	1
ZAGAZIG	220	5	3	00	1	0	-	19.5	11	77	7	0
ISMA'ILIA	290	5	3	01	0	0	-	18.6	14	48	3	0
FAROUK (Airport)	90	14	12	02	1	2	Sc	19.9	13	72	8	Dr.
ALMAZA												
EZBEKIYA	320	7	15	03	0	7	Sc	20.6	14	55	5	dr
GIZA	320	7	15	03	0	7	Sc	20.2	14	61	6	0.2
HELWAN	340	8	15	01	0	1	Ac	20.2	13	55	4	0.4
FAIYUM	310	2	35	01	0	0	-	20.6	13	55	4	0
MINYA	20	7	10	00	0	0	-	19.9	11	54	2	0
ASYUT MANQABAD												
NAG' HAMMADI												
QENA	290	13	7	00	0	0	-	17.9	17	34	1	0
LUXOR	330	4	13	00	0	0	-	18.3	16	24	-5	0
ASWAN	360	9	50	00	0	0	-	18.6	17	42	4	0
SIWA	00	0	7	00	0	0	-	21.2	18	46	6	0
BAHARIYA	360	2	15	02	0	0	-	20.7	15	30	-3	0
FARAFRA												
DAKHLA	320	3	35	00	0	0	-	20.0	17	26	-3	0
KHARGA	00	0	15	00	0	0	-	20.2	17	34	1	0
SUEZ	310	4	15	01	0	0	-	18.8	15	48	4	0
TOR	310	9	15	01	0	0	-	18.8	16	42	3	0
HURGHADA	320	18	50	00	0	0	-	17.5	17	52	7	0
QUSEIR	330	19	15	02	0	0	-	17.1	18	52	8	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 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.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	220	8	7	00	2	4	Ac	20.4		14	20		9		77	10	0		
SIDI BARANI	220	9	35	03	0	7	Sc,Ac,Ci	20.6		13	19		11		95	13	0		
MATRUH	300	8	18	00	0	0	-	20.3		15			9		77	11	0		
EL DABA																		167	
ALEXANDRIA	220	10	50	03	5	7	Sc,Cu	20.3	+5.6	14	17	-6	12	-2	88	12	dr.	255	181
FOUAD (Airport)	220	8	10	00	8	7	Cu,Sc	20.0		13	18		11		82	10	dr.	258	137
DAMIETTA	220	5		03	5	7	Sc	19.8	+5.2	14	17		6		67	8	dr.	316	101
PORT SA'ID	260	10	7	02	1	3	Sc	19.4		13	16		10		72	8	2	68	
EL 'ARISH	220	5	36	01	0	2	Cu	19.5	+5.2	14	16	-7	9	-3	67	8	dr.		86
DAMANHUR	270	13	15	03	1	7	Sc	20.3	+5.6	14	18	-8	8	-4	77	10	0	98	94
MANSURA	250	2	35	00	0	0	-	20.7	+5.7	14	19	-7	6	-5	67	8	dr	42	48
TANTA	220	2	35	02	1	5	Cu	21.0	+6.0	12	17	-10	4	-6	77	8	1	30	36
ZAGAZIG	220	5	7	00	0	0	-	21.1	+6.1	13	19	-8	6	-5	67	7	0	19	25
ISMA'ILIA	250	5	3	01	0	0	-	20.6		14	19		9		48	3	0	12	
FAROUK (Airport)	200	10	12	00	0	0	-	21.0		14	19		9		59	6	dr.		
ALMAZA	200	10	12	00	0	0	-	21.3	+6.3	14			9		67	8	0		
EZBEKIYA	200	4	15	00	0	0	-	21.8	+6.8	12	19	-8	8	-5	63	5	dr.	8	23
GIZA	200	4	15	00	0	0	-	21.6	+6.3	14	19	-8	6	-4	57	6	1.8	16	22
HELWAN	340	2	7	00	0	0	-	22.2	+7.4	10	18	-9	6	-7	76	6	0.4	16	25
FAIYUM	00	0	35	02	0	0	-	22.6	+7.5	13	18	-10	7	-5	55	4	0	6	8
MINYA	00	0	10	00	0	0	-	22.6		11	20		3		63	4	0	5	
ASYUT MANQABAD			18	00	0	0	-	22.4		12	20		8		55	3	0	0	
NAG' HAMMADI	320	1	7	00	2	0	-	22.0	+8.3	14			5		52	4	0	0	
QENA	270	5	15	00	0	0	-	21.8	+8.4	16	23	-11	8	-7	42	3	0	Dr.	
LUXOR											21							Dr.	
ASWAN	360	7	50	00	0	0	-	20.8	+7.8	13	21	-13	11	-7	55	4	0	Dr.	
SIWA	00	0	35	00	0	0	-	22.6	+6.6	14	24	-4	6	-5	55	5	0	Dr.	8
BAHARIYA	270	2	35	02	0	0	-	22.7	+7.0	12	20	-9	4	-7	44	0	0	Dr.	7
FARAFRA																		Dr.	
DAKHLA	00	0	35	00	0	0	-	22.1	+7.6	11	21	-11	6	-7	30	-6	0	Dr.	
KHARGA	00	0	35	00	0	0	-	22.6	+8.5	15	21	-11	7	-7	45	3	0	0	
SUEZ	00	0	35	00	0	0	-	21.1	+6.2	16	20	-7	8	-6	42	3	0	12	15
TOR	20	4	35	00	0	0	-	18.8	+5.9	15	20	-7	10	-5	59	7	0	Dr.	13
HURGHADA	320	12		00	0	0	-	19.1		15	19		8		68	9	0	7	
QUSEIR	330	19	15	02	0	0	-	19.9	+7.1	18	22	-5	14	-5	46	6	0	0	4
PORT SUDAN	360	22	2	07	2	8	Sc,Ac,Ci	15.5		22	28		21		65	15	0	34	95
WADI HALFA	20	14	10	00	0	0	-	24.8		15	24		9		32	-2	0	Dr.	
ABU HAMAD	50	19	10	02	2	7	Ac,Ci	16.0		17	28		16		26	-3	0		
KAREIMA	20	17	4	07	3	3	Ac	16.7		18	30		17		22	-4	0	3	1
'ATBARA	360	13	2	07	2	2	Ac	13.7		21	36		19		17	-5	0	7	2
KHARTUM	20	14	4	03	0	1	Ac	12.5		23	38		20		10	-11	0	10	4
KASSALA	50	9	30	01	1	0	-	9.3		25	41		21		54	15	0	16	9
WAD MEDANI	360	19	7	00	0	0	-	11.5		24	41		22		17	-3	0	11	12
RENK																		0	50
ROSEIRES	310	5	1.5	07	1	0	-			26	43		26		62	18	0	3	41
EL OBEID	350	10	4	05	1	8	Ac	14.4		21	39		20		25	0	0	11	17
EL FASHER																		1	6
GENEINA	50	21	2	07	1	7	Ac			20	36		20		18	-5	0		4
MALAKAL	20	16	0.5	32	4	9		9.6		29	40		27		29	3	0	127	99
WAU	00	0	7	05	1	5		8.3		28	39		26		52	17	Dr.	280	186
JUBA																	4	186	210

HUMIDITY % Mean of day

Station	on 6th	Diff. from normal
Alexandria	53	-13
Ezbekiya	56	0
Giza	55	-3
Helwan	56	+13

GIZA GRASS MINIMUM TEMP. ON 7th 1.2 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — Farouk AIRPORT — On 7th At 3

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	161	11	54	200	4
950					
900					
850	1498	2	38	340	28
800					
700	3045	-3		320	38
600					
500	5633	-17		20	29
400		-30			
300	7229	-47			

AIRPORT — On ..... At .....

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

UPPER WIND OBSERVATIONS on 6th

Station	Matruh		Fouad A.P.		Minia	
Time	15 30		15		15	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	320	18	320	10	330	16
600	320	30	300	16	340	15
1000	320	18	300	18	340	16
1500			280	23	330	22
2000					330	17
3000						
4000						
5000						
6000						
7000						
8000						

UPPER WIND OBSERVATIONS on 7th

Station	Sidi Barani		Matruh		Fouad Airport		Port Sa'id		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		Farouk (Ap)	
Time	5		6 15		4 45						6 45		3		10				5		9		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	11	190	16	290	11					160	7	20	10					10	12	350	16	280	9
600	290	11	320	16	290	13					150	5	350	7					10	24	320	10	320	11
1000					300	17					310	8	340	16	330	7			10	24	330	16	320	13
1500			330	20	310	18							340	29	350	21			40	16	320	14	340	28
2000													330	31	360	18			10	21	310	20	330	38
3000															310	17							320	38
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	5		5		5		5 30		4		3 45		4				4		4 30		4 45			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	270	7	210	6	350	1	10	6	20	14														
600	290	8	260	6	60	4	30	9	10	27	10	32					30	16						
1000	320	14			350	11	360	12	20	28	40	18	40	25			40	14	10	21	10	17		
1500	310	16			360	18			40	29	40	13	10	17			40	20	60	26				
2000	290	14									300	20	330	21			350	5						
3000	300	20									280	29					320	10						
4000	320	31															260	9						
5000	320	37																						
6000																								
7000																								
8000																								

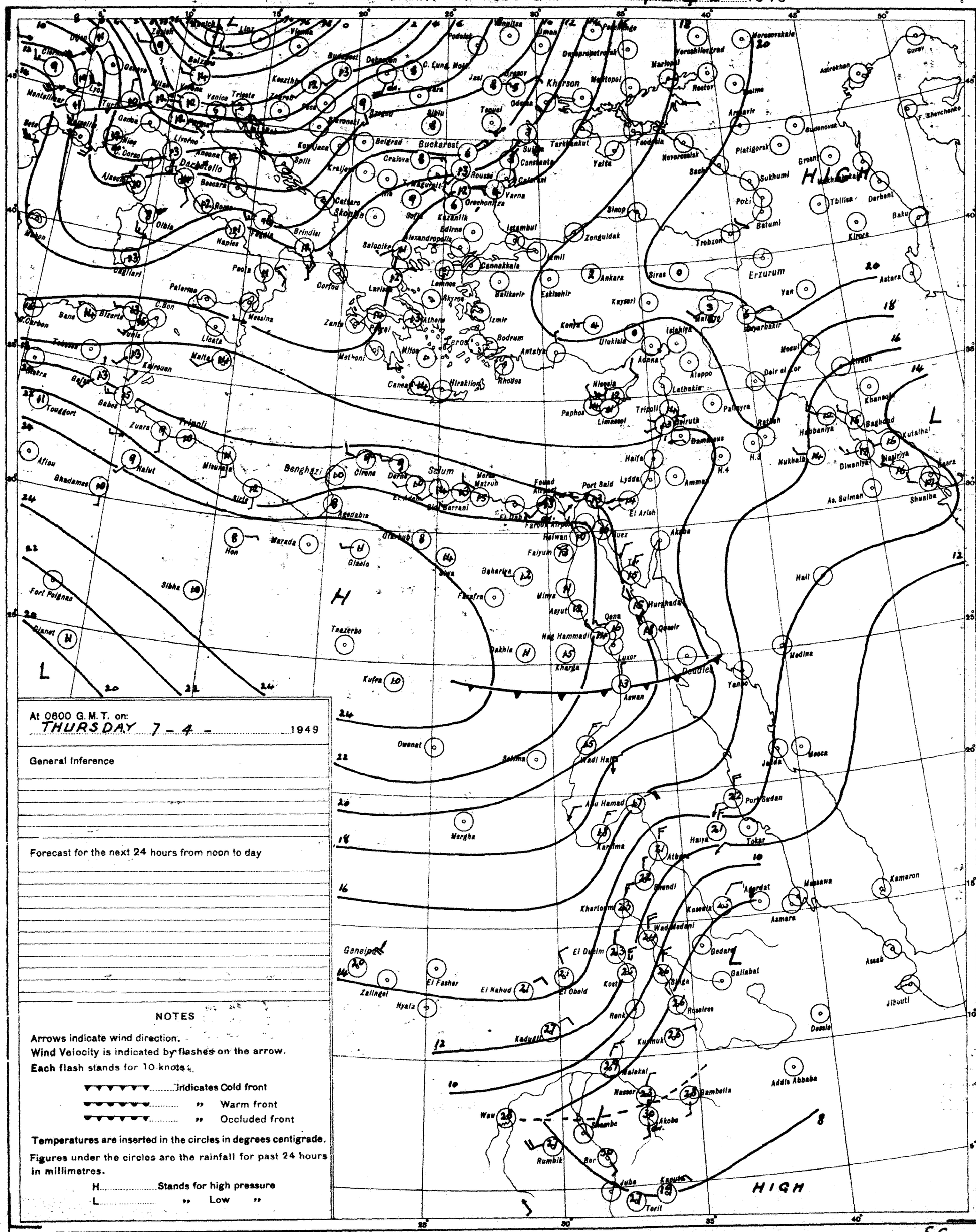
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 7 - 4 - 1949



At 0600 G.M.T. on:
THURSDAY 7 - 4 - 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

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

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

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

H Stands for high pressure
L " Low "

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

F.G.

S of E 1948(48/195)(48/450)

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 No 7 F.

DAILY WEATHER REPORT

Date: FRIDAY 8th APRIL, 1949

At 1200 on Thurs. 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	20	10	7	01	0	2	Ac	19.9	20	56	11
	62303	SÎDI BARÂNI	320	10	35	01	0	0	-	20.7	18	73	13
	62306	MATRÛH	350	8	15	01	1	1	Cu.Sc	19.2	19	73	14
	62309	EL DABA											
		ALEXANDRIA	270	9	50	01	0	0	-	20.2	17	77	13
	62318	FOUAD (Airport)	270	14	13	02	0	2	Cu	20.1	20	46	8
	62330	DAMIETTA	320	5	15	01	1	1	Cu	20.1	19	64	12
	62333	PORT SA'ID											
	62386	EL 'ARISH	270	5	35	02	0	2	Cu	19.0	17	68	11
LOWER EGYPT	62339	DAMANHUR	310	9	15	01	1	4	Cu.Sc	20.2	21	50	10
	62342	MANSURA	250	2	35	03	2	6	Sc.Cu	19.6	21	50	10
	62348	TANTA	220	5	35	03	2	8	Cb	20.3	21	50	10
	62354	ZAGAZIG	220	5	7	02	1	6	Ac	19.5	21	50	10
	62441	ISMA'ILIA	250	5	3	03	2	6	As	19.5	20	41	6
CAIRO AREA	62366	FAROUK (Airport)	240	8	30	03	1	3	Sc	19.7	20	56	11
	62372	ALMAZA											
		EZBEKIYA	320	4	35	03	0	4	Sc	20.6	21	41	7
		GÎZA	320	4	35	03	0	4	Sc	20.3	22	41	8
	62378	HELWÂN	00	0	35	03	2	5	Cu	20.2	21	33	4
UPPER EGYPT	62381	FAIYÛM	240	5	35	01	1	2	Cu.Sc	21.2	20	41	6
	62387	MINYA	330	5	14	00	0	0	-	21.7	21	20	-3
	62393	ASYUT MANQABAD	360	5	30	00	0	0	-	20.2	22	17	-4
	62399	NAG' HAMMADI	320	2	35	00	0	0	-	18.6	24	21	0
	62402	QENA	290	5	50	00	0	0	-	18.0	26	13	-5
	62405	LUXOR											
	62414	ASWÂN	360	10	50	00	0	0	-	18.3	23	22	0
OASES	62417	SÎWA	270	18	35	00	0	0	-	21.9	24	47	12
	62420	BAHARIYA	320	2	35	02	0	0	-		22	25	1
	62423	FARAFRA											
	62432	DAKHLA	20	4	50	00	0	0	-	19.5	22	21	-1
	62435	KHARGA	20	3	35	00	0	0	-	19.9	23	18	-3
RED SEA	62450	SUEZ	180	3	35	03	0	5	Cu	19.2	20	46	8
	62459	TOR	310	11	35	00	0	0	-	18.7	19	46	7
	62462	HURGHADA	350	12		00	0	0	-	19.5	18	49	7
	62465	QUSEIR	20	13	15	02	0	0	-	19.0	20	56	11
	62641	PORT SUDAN	40	23	4	07	2	2	Ac	13.5	25	47	13
NORTH SUDAN	62600	WADI HALFA	20	22	12	07	0	0	-	17.3	-4	13	-7
	62640	ABU HAMAD	50	13	30	03	0	2	Ac	11.5	29	8	-9
	62660	KAREIMA	20	12	30	00	3	1	Ac	12.5	29	9	-7
	62680	'ATBARA	340	13	10	07	0	0	-	9.5	31	12	-1
	62721	KHARTUM											
	62780	KASSALA	20	9	30	00	0	0	-	4.6	36	31	16
CENTRAL SUDAN	62751	WAD MEDANI	360	13	35	00	0	0	-	5.6	38	11	3
	62801	RENK	230	13	50	00	0	0	-		37	20	11
	62802	ROSEIRES	340	5	15	02	1	6	Ac		35	18	7
	62771	EL OBEID	360	10	4	05	2	7	Ac		27	16	-1
	62760	EL FASHER	50	9	4	05	2	7	Ac		26	25	4
	62770	GENEINA	50	9	4	07	0	2	Ci		29	11	-4
S. SUDAN	62840	MALAKAL								9.6	27	45	14
	62880	WAU	30	2	7	05	8	8	Sc	10.6	26	84	23
	62941	JUBA	00	0		03	2	8	Cu.Cc		37	29	16

At 1800 on Thurs 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	40	4	7	01	0	0	-	20.2	16	88	12	0
SÎDI BARÂNI	20	3	35	02	0	0	-	20.7	15	88	13	0
MATRÛH	00	0	13	00	0	0	-	20.8	14	88	12	0
EL DABA												
ALEXANDRIA	360	4	7	01	1	0	-	21.8	15	77	11	0
FOUAD (Airport)	320	12	10	00	0	0	-	20.8	14	88	12	0
DAMIETTA	320	5		00	0	0	-	20.8	16	77	12	0
PORT SA'ID	300	8	15	01	1	5	Sc	21.1	16	82	13	0
EL 'ARISH			7	01	0	1	Cu	20.7	14	77	10	0
DAMANHUR	360	9	15	01	1	0	-	21.7	14	88	12	0
MANSURA	360	5	3	00	1	0	-	21.5	15	77	11	0
TANTA	00	0	35	01	2	6	Cu	21.2	15	59	7	0
ZAGAZIG	320	2	3	00	1	0	-	21.4	15	77	11	0
ISMA'ILIA	40	5	3	03	2	6	As	21.0	16	68	10	0
FAROUK (Airport)	320	2	10	00	0	0	-	20.7	18	60	10	0
ALMAZA												
EZBEKIYA	360	2	15	00	0	0	-	21.4	17	60	9	0
GÎZA	360	2	15	00	0	0	-	21.1	16	56	8	0
HELWÂN	00	0	15	01	0	0	-	21.2	17	52	7	0
FAIYÛM	130	2	35	01	0	0	-	21.0	17	42	4	0
MINYA	00	0	10	00	0	0	-	21.1	15	48	4	0
ASYUT MANQABAD												
NAG' HAMMADI	320	4	10	00	0	0	-	19.8	17	42	4	0
QENA	270	5	7	00	0	0	-	18.3	20	33	3	0
LUXOR												
ASWÂN	360	9	50	00	0	0	-	19.4	20	26	0	0
SÎWA	00	0	7	00	0	0	-	21.8	20	56	11	0
BAHARIYA	320	2	15	02	0	0	-	21.1	17	34	1	0
FARAFRA												
DAKHLA	320	3	35	00	0	0	-	21.2	21	14	-8	0
KHARGA	00	0	15	00	0	0	-	20.1	18		-4	0
SUEZ	180	3	7	02	0	5	Cu	20.3	18	60	10	0
TOR	20	8	15	00	0	0	-	19.8	19		7	0
HURGHADA	300	13			0	0	-	18.8	19	46	7	0
QUSEIR	360	13	15	02	0	0	-	19.8	18	52	8	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on FRIDAY 8th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperature °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	220	2	7	02	0	0	-	20.0		18	22		11		52	8	0		
SÎDI BARÂNI	180	5	50	01	0	0	-	20.8		16	19		8		68	10	0		
MATRÛH	250	6	14	00	0	0	-	20.6		16	19		9		68	10	0		
EL DABA																			
ALEXANDRIA	180	3	50	00	0	0	-	22.3	+7.6	17	18	-5	12	-2	68	11	0	255	181
FOUAD (Airport)	170	1	13	00	1	0	-	21.8		16	20		10		77	12	0	258	137
DAMIETTA	180	2	3	01	1	2	Cu	21.2	+6.6	18	20		8		73	13	0	315	101
PORT SA'ID	190	3	8	05	0	0	-	21.7		17	18		13		72	12	0	68	
EL 'ARISH			35	01	0	0	-	20.5	+6.2	18	18	-5				10	0		86
DAMANHUR	180	5	7	02	0	0	-	22.0	+7.3	15	22	-4	10	-2	77	11	0	98	95
MANSURA	40	2	35	00	0	0	-	22.3	+7.3	17	22	-4	9	-3	68	11	0	42	49
TANTA	00	0	35	02	1	0	-	21.9	+6.9	15	22	-5	6	-5	77	11	0	30	36
ZAGAZIG	40	2	7	00	0	0	-	20.4	+5.4	17			6	-5	68	11	0	19	25
ISMA'ILIA	200	2	3	02	0	0	-	20.4		18	22		10		52	8	0	12	
FAROUK (Airport)	200	10	14	00	0	0	-	21.0		18	22		12		52	8	0		
ALMAZA	200	8	12	00	0	0	-	21.8	+6.8	18			11		46	6	0		
EZBEKIYA	00	0	15	00	0	0	-	22.0	+7.0	17	22	-5	8	-5	60	9	0	8	23
GÎZA	00	0	15	00	0	0	-	22.3	+7.1	18	24	-3	8	-2	60	10	0	16	22
HELWÂN	00	0	7	00	0	0	-	22.2	+7.5	16	22	-5	11	-2	49	5	0	16	25
FAIYÛM	00	0	35	02	0	0	-	22.4	+7.3	17	22	-7	10	-2	42	4	0	6	8
MINYA	180	5	10	00	0	0	-	22.4		15	23		7		48	4	0	5	
ASYUT MANQABAD	00	0	30	00	0	0	-	22.1		16	22		12		45	4	0	0	
NAG' HAMMADI	320	2	7	00	0	0	-	21.6	+8.0	18	24		8		46	6	0	0	
QENA	320	5	15	00	0	0	-	22.0	+8.7	18	28	-6	9	-6	46	6	0	dr	
LUXOR																		dr	
ASWÂN											24	-10						dr	
SÎWA	00	0	35	00	0	0	-	22.3	+6.3	17	25	-3	7	-4	52	7	0	dr	8
BAHARIYA	320	1	35	02	0	0	-	21.9	+6.3	16	25	-4	8	-3	32	-1	0	dr	7
FARAFRA																			
DAKHLA	00	0	35	00	0	0	-	21.5	+7.1	14	24	-8	7	-6	36	-1	0	dr	
KHARGA	00	0	35	00	0	0	-	21.8		17	23	-9	9	-5	34	1	0	0	
SUEZ	00	0	35	00	0	0	-	21.9	+7.0	17	21	-6	10	-4	60	9	0	12	15
TOR	40	6	35	00	0	0	-	21.2	+8.4	18	22		10	-6	40	4	0	dr	13
HURGHADA	290	6		00	0	0	-	21.1		20	19		11		38	5		7	
QUSEIR	360	13	15	02	0	0	-	21.1	+8.4	21	20	-7	16	-3	50	10		0	4
PORT SUDAN	360	19	4	07	1	4	Ac	16.5		22	26		15		53	12		34	95
WADI HALFA	10	13	30	00	0	0	-	19.8		17	26		9		24	-4	0	tr	
ABU HAMAD	50	19	30	00	0	0	-	16.2		20	30		15		21	-3	0		
KAREIMA	20	10	30	00	0	0	-	17.0		19			14		17	-7	0	3	1
'ATBARA	360	9	30	03	1	3	Ac	14.7		21	32		18		35	5	0	7	2
KHARTUM	20	16	10	01	0	1	Cu	13.6		24	34		20		9	-11	0	10	4
KASSALA	310	13	30	00	0	0	-			26	38		19		62	18	0	16	9
WAD MEDANI	20	9	50	02	1	7	Ac	12.6		25	38		19		18	-1	0	11	12
RENK																		8	50
ROSEIRES	360	9	35	00	0	0	-			27	36		19		58	18		3	42
EL OBEID																		11	17
EL FASHER	10	9	30	00	0	1	Ac			21	27		17		23	-1	0	1	6
GENEINA	20	13	10	05	0	8	Ac			21	32		20		44	8	0		4
MALAKAL	20	14	4	06	4	6	Cs	12.7		27	30		21		16	-1	0	127	100
WAU	00	0	7	05	1	7	Ci	12.2		23			21		69	17	cir	280	188
JUBA																	4	186	213

HUMIDITY

Mean of day %

STATION	on 7th	Diff. from normal
Alexandria	82	+16
Ezbekiya	54	-2
Giza	54	-4
Helwân	51	+9

GÎZA

GRASS MINIMUM TEMP. ON 8th 4.6 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

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

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

UPPER WIND OBSERVATIONS on 7th

Height m.	FOUAD A.P. Dir.	FOUAD A.P. Vel.			MINYA Dir.	MINYA Vel.																				
Time	14				15																					
300	310	5			350	16																				
600	290	12			330	9																				
1000	260	20			330	10																				
1500	270	20			310	19																				
2000	260	18																								
3000																										
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 8th

Height m.	SIDI BARANI Dir.	SIDI BARANI Vel.	MATRUH Dir.	MATRUH Vel.	FOUAD AIRPORT Dir.	FOUAD AIRPORT Vel.	PORT SA'ID Dir.	PORT SA'ID Vel.	EL 'ARISH Dir.	EL 'ARISH Vel.	HELWAN Dir.	HELWAN Vel.	MINYA Dir.	MINYA Vel.	ASYUT MANQABAD Dir.	ASYUT MANQABAD Vel.	LUXOR Dir.	LUXOR Vel.	ASWAN Dir.	ASWAN Vel.	HURGHADA Dir.	HURGHADA Vel.	Farouk Dir.	Farouk Vel.
Time			4		4								3										4	
300			260	6	190	3							360	12									190	9
600			260	12	210	7							350	14									200	9
1000			250	15	220	4							350	16									220	8
1500																							280	13
2000																							330	27
3000																							330	24
4000																								
5000																							210	27
6000																								
7000																								
8000																								

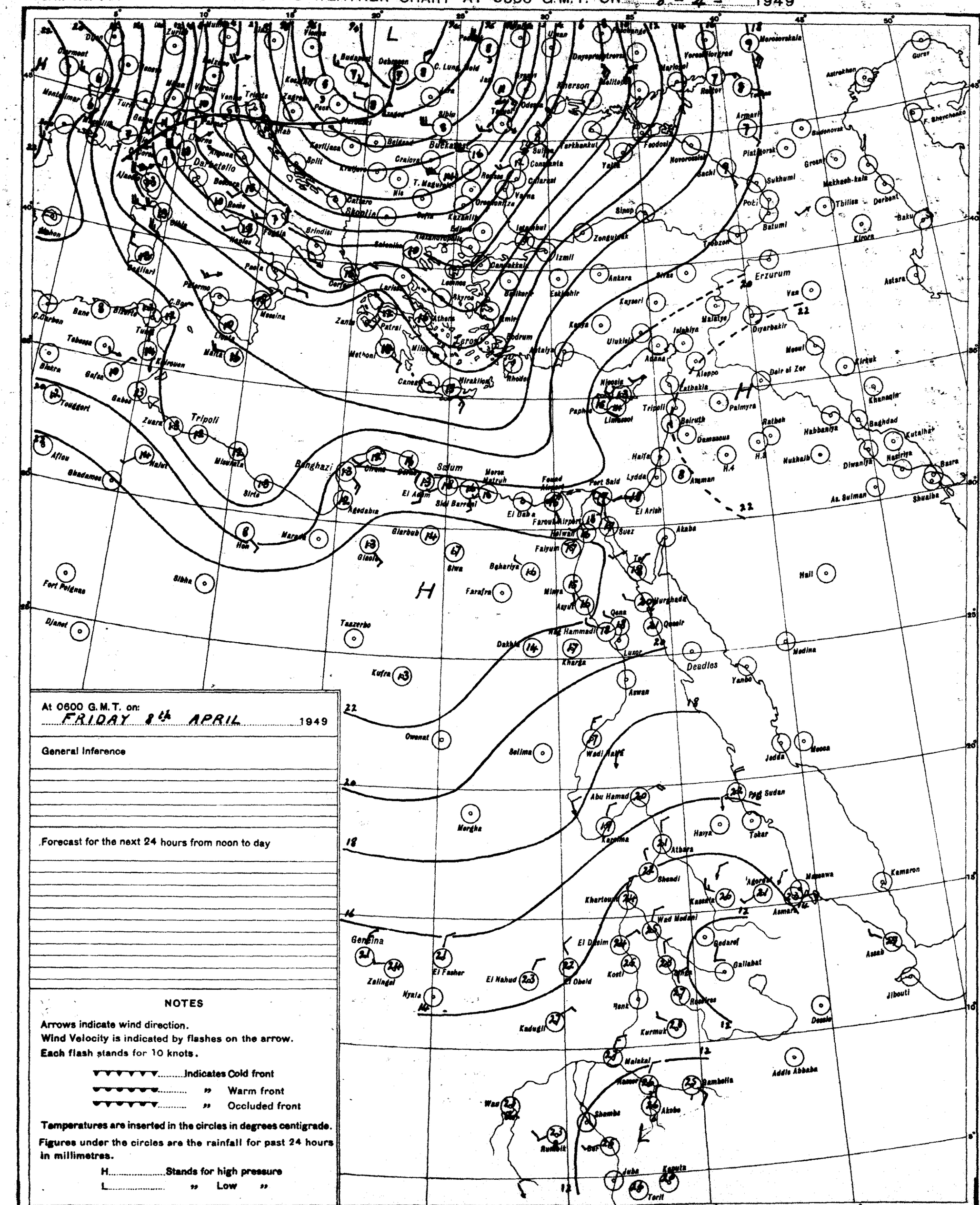
Height m.	SIWA Dir.	SIWA Vel.	BAHARIYA Dir.	BAHARIYA Vel.	DAKHLA Dir.	DAKHLA Vel.	KHARGA Dir.	KHARGA Vel.	WADI HALFA Dir.	WADI HALFA Vel.	ABU HAMAD Dir.	ABU HAMAD Vel.	KAREIMA Dir.	KAREIMA Vel.	KHARTUM Dir.	KHARTUM Vel.	KASSALA Dir.	KASSALA Vel.	EL OBEID Dir.	EL OBEID Vel.	EL FASHER Dir.	EL FASHER Vel.	MALAKAL Dir.	MALAKAL Vel.
Time	5		5		5		6								4									
300	330	11	250	7	310	2	60	12							10	19								
600	270	10	290	7	60	3	30	16							20	31								
1000	270	10	310	10	40	10	30	17																
1500	190	5	310	11	20	15																		
2000	290	14	330	10																				
3000	300	17																						
4000	290	18																						
5000	310	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.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 8-4-1949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Sevastopol
Yevpatoriya
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Batumi
Tbilisi
Derbent
Baku
Astrakhan
Gurev
Kirovo
Astara
Erzurum
Van
Diyarbakir
Mosul
Kirkuk
Khanaqin
Baghdad
Kutaiba
Basra
Shuaiba
Nasiriya
Diwaniya
Nukhaib
Habbaniya
Ratbah
Mersa Matruh
Sidi Barrani
El Daba
Fouad Airport
Port Said
Lydda
Haifa
Amman
Damascus
Beirut
Tripoli
Latakia
Aleppo
Palmyra
Deir el Zor
Mardin
Suez
Akaba
Tor
Hurghada
Qena
Luxor
Aswan
Wadi Halfa
Port Sudan
Tokar
Kassala
Khartoum
Shendi
Atbara
Wad Medani
El Obeid
El Fasher
Geneina
Zalingei
Nyala
Kadugli
Kosti
Renk
Kurmuk
Malakal
Gambella
Akobo
Bor
Juba
Kapoeta
Torit
Addis Ababa
Dessie
Gallabat
Gedaref
Asmara
Massawa
Kamaron
Asab
Jibouti
Jedda
Mecca
Medina
Yanbo
Deadles
Qeisir
Kharga
Dakhla
Kufra
Owenat
Selima
Mergha
Hon
Sirte
Misurata
Tripoli
Benghazi
Derna
Tobruk
Sollum
Marsa
Agedabia
El Agheila
Giarabub
Siwa
Bahariya
Farafra
Minya
Asyut
Faiyum
Fort Polignac
Djanet
Taazerbo
Sebha
Ghadames
Nalut
Aflou
Biskra
Gafsa
Gabes
Touggert
Tebessa
Kairouan
Malta
Pantelleria
Palermo
Messina
Catania
Cagliari
Naples
Brindisi
Bari
Taranto
Cosenza
Cagliari
Bone
Algiers
Oran
Tunis
Bizerte
Bone
Cannes
Marseille
Nice
Genoa
Milan
Venice
Trieste
Zagreb
Split
Kragujevac
Belgrade
Sofia
Salonika
Athens
Patras
Zante
Corfu
Lemnos
Skyros
Chios
Samos
Rhodes
Bodrum
Antalya
Mersin
Adana
Iskenderun
Ulukisla
Konya
Eskisehir
Ankara
Kayseri
Sivas
Samsun
Trabzon
Zonguldak
Sinop
Izmit
Istanbul
Edirne
Kazanlik
Constanta
Galati
Odessa
Kherson
Mariupol
Rostov
Taganrog
Krasnodar
Armavir
Piatigorsk
Grozny
Makhach-kala
Sukhumi
Poti
Batumi
Tbilisi
Derbent
Baku
Astara
Kirovo
Astrakhan
Gurev
Budenovsk
Novorossiysk
Feodosiya
Yevpatoriya
Sevastopol
Mariupol
Taganrog
Rostov
Krasnodar
Armavir
Piatigorsk
Grozny
Makhach-kala
Tbilisi
Derbent
Baku
Astara
Kirovo
Erzurum
Van
Diyarbakir
Mosul
Kirkuk
Khanaqin
Baghdad
Kutaiba
Basra
Shuaiba
Nasiriya
Diwaniya
Nukhaib
Habbaniya
Ratbah
Mersa Matruh
Sidi Barrani
El Daba
Fouad Airport
Port Said
Lydda
Haifa
Amman
Damascus
Beirut
Tripoli
Latakia
Aleppo
Palmyra
Deir el Zor
Mardin
Suez
Akaba
Tor
Hurghada
Qena
Luxor
Aswan
Wadi Halfa
Port Sudan
Tokar
Kassala
Khartoum
Shendi
Atbara
Wad Medani
El Obeid
El Fasher
Geneina
Zalingei
Nyala
Kadugli
Kosti
Renk
Kurmuk
Malakal
Gambella
Akobo
Bor
Juba
Kapoeta
Torit
Addis Ababa
Dessie
Gallabat
Gedaref
Asmara
Massawa
Kamaron
Asab
Jibouti
Jedda
Mecca
Medina
Yanbo
Deadles
Qeisir
Kharga
Dakhla
Kufra
Owenat
Selima
Mergha
Hon
Sirte
Misurata
Tripoli
Benghazi
Derna
Tobruk
Sollima

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 No 7 F.

DAILY WEATHER REPORT

Date: Saturday 3rd April, 1949

At 1200 on Fri 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	220	8	7	02	0	0	—	19.0	26	37	10
	62303	SÎDI BARÂNI	220	9		02	0	0	—	18.9	23	50	12
	62306	MATRÛH											
	62309	EL DABA											
		ALEXANDRIA	360	4	50	00	0	0	-	20.6	20	56	11
	62318	FOUAD (Airport)	290	0	10	02	0	0	-	20.2	21	41	7
	62330	DAMIETTA	20	3	15	00	0	0	-	19.2	19	73	14
	62333	PORT SA'ID	60	3	30	02	0	0	-	20.6	20	56	11
	62336	EL 'ARISH	320	9	35	01	0	0	-	22.0	18	73	13
LOWER EGYPT	62339	DAMANHUR	240	5	15	02	0	0	-	21.2	22	60	11
	62342	MANSURA	250	2	35	00	0	0	-	20.4	24	30	5
	62348	TANTA	310	6	35	02	1	3	Ac	19.9	25	42	11
	62354	ZAGAZIG	220	5	15	00	0	0	-	20.0	25	47	13
	62441	ISMA'ILIA	180	2	7	02	0	0	-	20.4	25	28	5
CAIRO AREA	62366	FAROUK (Airport)	270	10	30	00	0	0	-	19.4	24	32	6
	62372	ALMÂZA	220	10	30	00	0	0	-	19.4	26	27	2
		EZBEKÎYA	340	4	35	00	0	0	-	19.6	26	25	4
		GÎZA	340	4	35	00	0	0	-	19.8	27	26	5
	62378	HELWÂN	00	0	15	02	0	0	-	19.8	25	22	2
UPPER EGYPT	62381	FAIYÛM	00	0	35	02	0	0	-	19.1	26	28	5
	62387	MINYA	00	0	14	00	0	0	-	20.6	26	25	4
	62393	ASYÛT MANQABÂD	00	0	30	00	0	0	-	19.1	25	26	4
	62399	NAG' HAMMÂDI	270	3	15	00	0	0	-	17.4	27	27	6
	62402	QENA	240	5	50	00	0	0	-	18.2	27	27	6
	62405	LUXOR											
	62414	ASWÂN	360	10	50	00	0	0	-	17.1	27	40	12
OASES	62417	SÎWA	00	0	35	00	0	0	-	21.9	27	55	17
	62420	BAHARÎYA	360	1	35	02	0	0	-	19.8	27	20	2
	62423	FARAFRA											
	62432	DAKHLA	320	3	35	00	0	0	-	18.7	27	15	-2
	62435	KHARGA	00	0	35	00	0	0	-	19.0	28	16	0
RED SEA	62450	SUEZ	180	5	35	00	0	0	-	19.2	23	47	10
	62459	TÛR	70	9	35	00	0	0	—	19.2	22	31	4
	62462	HURGHÂDA	50	5		00	0	0	-	19.0	23	50	12
	62465	QUSEIR	20	14	15	02	0	0	-	19.0	23	61	15
	62641	PORT SÛDÂN	20	26		03	3	1	Ac	12.7	29	46	16
NORTH SÛDÂN	62600	WÂDI HALFA	10	18	30	00	0	0	-	15.2	29	20	-6
	62640	ABU HAMAD	50	5	30	00	0	0	-	11.0	32	9	-5
	62660	KAREIMA	70	9	30	00	0	0	-	11.3	31	8	-8
	62680	'ATBARA	340	9	30	00	0	0	-	9.3	33	7	-7
	62721	KHARTÛM	360	15	10	02	0	0	-	8.5	33	10	-3
	62730	KASSALA											
CENTRAL SÛDÂN	62751	WÂD MEDANI	360	9	35	02	1	4	Cc	5.5	36	12	2
	62801	RENK											
	62802	ROSEIRES	310	5	35	00	0	0	-		37	20	11
	62771	EL OBEID	20	8	30	01	1	1	Ac	8.1	32	13	0
	62760	EL FÂSHER	30	9	30	01	1	5	Ac	8.1	32	6	-4
	62770	GENEINA	70	9	2	07	1	2	Ac		33	8	-5
S. SÛDÂN	62840	MALAKÂL	70	4	7	06	4	4	Cc	4.3	37	11	1
	62880	WÂU	350	5	7	05	1	6	Cc	6.0	35	18	7
	62941	JUBA	50	4	4	05	2	8	Cs	5.2	35	27	13

At 1800 on Fri 8th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms.
62300	SALÛM	00	0		00	0	0	—	18.3	17	68	11	0
62303	SÎDI BARÂNI	140	3	7	02	0	0	—	19.4	14	88	12	0
62306	MATRÛH	150	2	15	00	0	0	-	19.3	15	52	5	0
62309	EL DABA												
	ALEXANDRIA	90	9	7	00	0	0	-	20.8	15	77	11	0
62318	FOUAD (Airport)	20	6	12	02	0	0	-	20.0	14	82	11	0
62330	DAMIETTA	110	2		00	0	0	-	19.2	16	88	14	0
62333	PORT SA'ID	90	13	15	02	0	0	-	20.3	17	72	12	0
62336	EL 'ARISH	40	5	35	02	0	0	-	20.8	16	77	12	0
62339	DAMANHUR	230	5	7	02	0	0	-	20.4	16	77	12	0
62342	MANSURA	20	2	4	00	0	0	-	21.0	17	68	11	0
62348	TANTA	00	0	35	02	1	0	-	21.2	18	66	10	0
62354	ZAGAZIG	40	5	3	00	0	0	-	20.4	17	77	13	0
62441	ISMA'ILIA	20	2	3	02	0	0	-	21.5	18	52	8	0
62366	FAROUK (Airport)	340	4	12	00	0	0	-		20	53	10	0
62372	ALMÂZA												
	EZBEKÎYA	00	0	15	00	0	0	-	20.3	19	64	12	0
	GÎZA	00	0	15	00	0	0	-	19.9	21	43	8	0
62378	HELWÂN	340	6	15	02	0	0	-	19.5	21	33	4	0
62381	FAIYÛM	00	0	35	02	0	0	-	19.1	19	52	9	0
62387	MINYA	00	0	10	00	0	0	-	19.2	19	37	4	0
62393	ASYÛT MANQABÂD												
62399	NAG' HAMMÂDI	320	3	7	00	0	0	-	17.2	21	41	7	0
62402	QENA	270	2	7	00	0	0	-	17.7	21	41	7	0
62405	LUXOR	00	0	13	00	0	0	-	16.7	21	35	5	0
62414	ASWÂN	360	8	50	00	0	0	-	17.0	24	41	10	0
62417	SÎWA	00	0	7	00	0	0	-	22.0	22	65	15	0
62420	BAHARÎYA												
62423	FARAFRA												
62432	DAKHLA	330	3	35	00	0	0		18.4	24	15	-5	0
62435	KHARGA	360	1	15	00	0	0	—	19.5	23	24	1	0
62450	SUEZ	00	0	15	00	0	0	-	18.6	21	41	7	0
62459	TÛR	180	9	15	00	0	0	—	18.2	20	56	11	0
62462	HURGHÂDA	00	0		00	0	0	-	18.5	17	60	9	0
62465	QUSEIR	330	13	15	02	0	0	-	17.9	20	56	11	0
62641	PORT SÛDÂN												
62600	WÂDI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	'ATBARA												
62721	KHARTÛM												
62730	KASSALA												
62751	WÂD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID												
62760	EL FÂSHER												
62770	GENEINA												
62840	MALAKÂL												
62880	WÂU												
62941	JUBA												

At 0600 on Saturday 9th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	270	8	7	03	0	1	Ac	16.7		20	27		14		72	15	0		
SÎDI BARÂNI	200	15		03	0	3	Cc	17.6		17	24		11		72	12	0		
MATRÛH											24								
EL DABA																			
ALEXANDRIA	130	5	60	00	0	0	-	18.8	+4.2	17	21	-2	12	-3	60	9	0	255	181
FOUAD (Airport)	100	10	13	02	0	0	-	19.0		15	22		12		77	11	0	258	137
DAMIETTA	90	2		42	0	0	-	19.0		18	22		8		83	15	0	315	101
PORT SA'ID	100	8	10	02	0	0		19.0		18	21		14		83	15	0	68	
EL 'ARISH	140	2	35	02	0	0	-	17.6	+3.4	18	22	-1	8	-4	73	13	0		87
DAMANHUR	130	9	7	02	0	0	-	19.1	+4.4	16	24	-2	10	-2	77	12	0	98	95
MANSURA	40	2	35	00	0	0	-	19.1	+4.2	19	26	0	11	-1	64	12	0	42	49
TANTA	130	2	35	02	0	0	-	19.5	+4.6	15	25	-2	8	-3	62	9	0	30	36
ZAGAZIG	40	2	7	00	0	0	-	18.7	+3.8	17	27	0	12	+1	62	11	0	19	25
ISMA'ILIA	20	9	7	02	0	0	-	18.6		18	27		12		46	6	0	12	
FAROUK (Airport)	270	2	7	01	2	0	-	18.3		16	26		12		68	10	0		
ALMÂZA	140	6	5	05	0	0	-	18.5	+3.6	17			11		46	5	0		
EZBEKÎYA	360	2	15	00	0	0	-	18.7	+3.6	18	26	-2	11	-2	60	10	0	8	23
GÎZA	360	2	15	00	0	0	-	18.7	+3.6	17	27	0	9	-1	69	12	0	16	22
HELWÂN	00	0	7	00	0	0	-	18.8	+4.1	17	26	-2	13	0	42	4	0	16	25
FAIYÛM	00	0	35	02	0	0	-	18.6	+3.6	19	26	-3	11	-1	52	9	0	6	8
MINYA	00	0	6	10	0	0	-	18.4		18	27		9		52	8	0	5	
ASYÛT MANQABÂD	00	0	18	00	0	0	-	18.0		18	27		9		46	6	0	0	
NAG' HAMMÂDI	360	1	3	00	0	0	-	17.1	+3.6	19	28		10		46	7	0	0	
QENA	270	2		00	0	0	-	16.6	+3.3	19	30	-4	10		46	7	0	dr	
LUXOR											27							dr	
ASWÂN	40	3	50	00	0	0	—	17.1	+4.2	19	28	-6	14	-4	40	5	0	dr	
SÎWA	00	0	35	00	0	0	-	19.5	+3.6	17	28	0	8	-3	60	9	0	dr	8
BAHARÎYA	320	1	35	02	1	3	Ac	19.1	+3.5	19			18	-7	30	7	0	dr	7
FARAFRA																			
DAKHLA	00	0	35	00	0	0	-	17.6	+3.2	17	28	-4	9	-4	34	1	0	dr	
KHARGA	00	0	35	00	0	0	—	17.5	+3.6	20	28	-4	11	-4	33	3	0	0	
SUEZ	00	0	35	00	0	0	-	18.7	+3.9	20	26	-1	12	-2	46	8	0	12	15
TÛR	40	2	35	00	0	0	—	15.9	+3.1	19	29	-4	12	-4	37	4	0	dr	13
HURGHADA	310	4		00	0	0	-	16.7		20	24		14		46	8	0	7	
QUSEIR	360	13	15	02	0	0	-	15.3	+2.9	23	23	-4	18	-1	44	10	0	0	4
PORT SÛDÂN																	0	34	95
WÂDI HALFA	10	7	30	00	0	0	-	15.6		18	30		11		20	-5	0	tr	
ABU HAMAD	70	9	30	00	0	0	-	13.4		21	33		18		23	-1	0		
KAREIMA	20	11	30	00	0	0	-	13.8		21	33		17		23	-1	0	3	1
'ATBARA	20	9	30	00	0	0	-	11.9		23	34		19		29	4	0	7	2
KHARTÛM	30	12	30	02	0	2	Ac	11.5		25	35		20		18	-1	0	10	4
KASSALA	20	2	30	00	0	0	-	9.8		26	37		17		37	10	0	16	9
WÂD MEDANI																	0	11	12
RENK	360	9	50	00	0	0	-	10.8		30	36		20		9	-6	0	0	50
ROSEIRES	360	5	35	00	0	0	-			28	39		24		19	2	0	3	42
EL OBEID	360	9	30	00	0	0	-	11.9		24	34		19		18	-2	0	11	17
EL FÂSHER	10	2	30	00	0	0	-			19	33		15		19	-5	0	1	6
GENEINA	50	11	30	00	1	0	-			21	35		19		9	-13	0		4
MALAKÂL	30	15	30	02	2	8	Cc	9.3		29	38		23		12	-3	0	127	101
WÂU	00	0	7	05	1	8	Cs	10.2		23	35		21		69	17	0	280	190
JUBA	50	3	4	10	2	7	Cc, Ac	10.9		26	36		21		62	18	0	186	216

HUMIDITY % Mean of day

Station	on 8th	Diff. from normal
Alexandria	77	+11
Ezbeklya	54	-2
Giza	47	-7
Helwân	42	0

GÎZA GRASS MINIMUM TEMP. ON 9th 4.6 °C.

Remarks:

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

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

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

UPPER WIND OBSERVATIONS on 8th

Station	Matrûh		Fouad A.P.								Minia															
Time	15		15								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	280	13	270	9							350	17														
600	310	8	200	12							340	15														
1000	340	7	290	10							340	18														
1500	320	12	280	11							320	12														
2000			280	11							340	16														
3000																										
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 9th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'îd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farouk	
Time					4						7		3	15	9				5		9		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					90	11					310	10	60	12	360	7			20	6	340	16	50	10
600					100	7					20	9	40	18	20	15			20	14	320	16	360	12
1000					100	6					350	16	10	17	20	16			20	19	300	13	340	17
1500					300	4					350	20	360	22	360	17			350	23	330	3	330	17
2000					290	5					340	16	340	19	310	11			330	16	300	4	310	9
3000											320	20	290	10	340	8					140	2	300	10
4000															330	14								
5000															290	23							260	13
6000															300	26							250	23
7000																								
8000																								

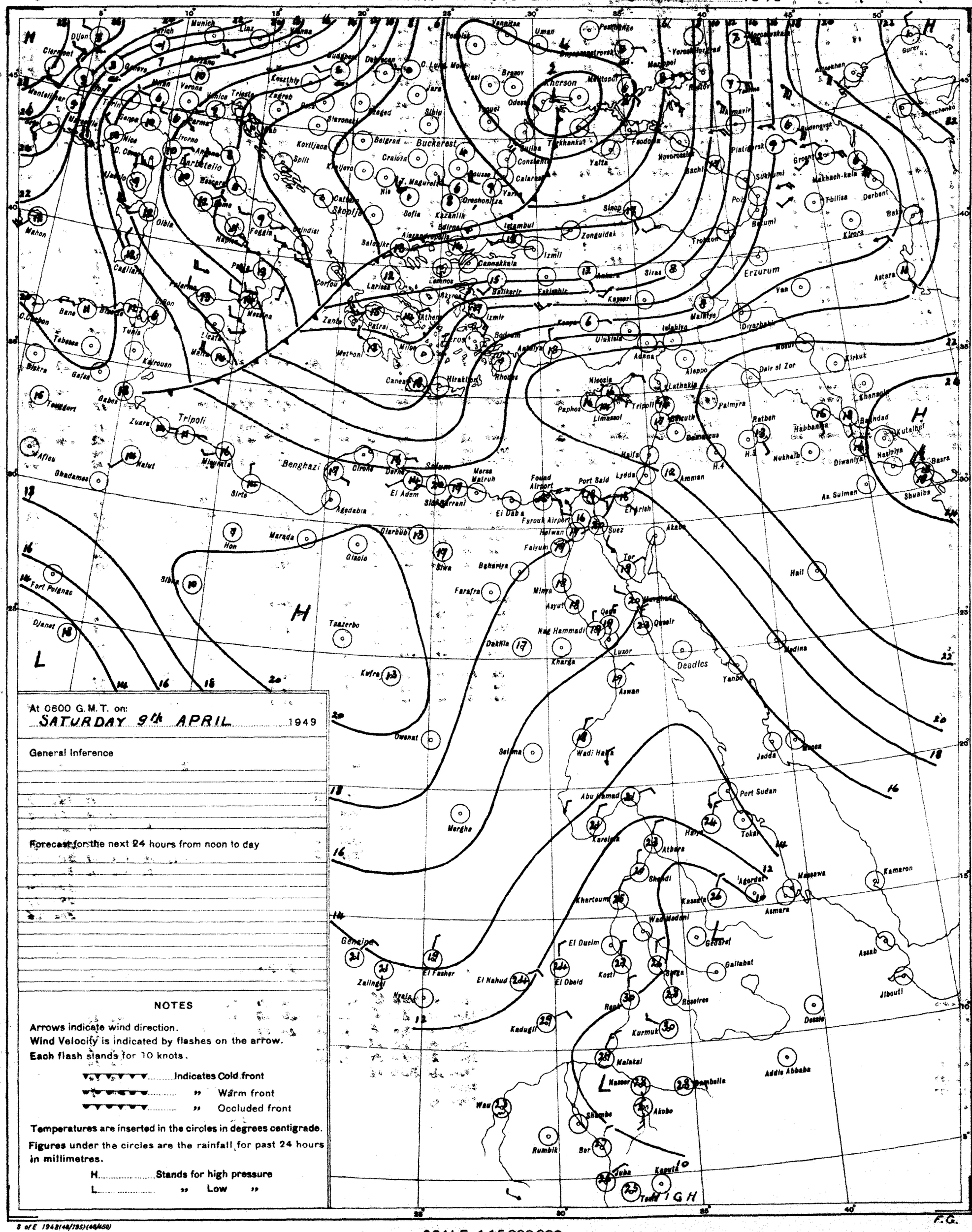
Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	5		5		5		5	30	4				4	15			4				4	45		
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	210	4	100	6	360	7	10	11	20	15														
600	220	3	80	6	20	10	20	17	30	17			40	28			40	6						
1000	290	4	20	8	10	16	20	17	30	19			40	20			10	18						
1500	20	3	10	12	40	12			30	17			50	8			30	9			30	14		
2000	300	7	160	10	20	21							360	10			130	2						
3000	300	8	350	16					20	17			290	10			230	9			310	3		
4000	290	16							330	19			280	9			260	12						
5000	290	16																						
6000									310	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.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 9 - 4 - 1949



At 0600 G.M.T. on:
SATURDAY 9th APRIL 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

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

Indicates Cold front
" Warm front
" Occluded front

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

H Stands for high pressure
L " Low "

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	" or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	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	Ci	1
Cirrostratus	Cs	2
Cirrocumulus	Cc	3
Altocumulus	Ac	4
Altostratus	As	5
Stratocumulus	Sc	6
Nimbostratus	Ns	7
Cumulus or Fractocumulus	Cu or Fc	8
Cumulonimbus	Cb	9
Stratus or Fractostratus	St or Fs	0

AMOUNT OF CLOUD

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

F.G.

S of E 1948(48/195)(48/450)

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 No 7 F.

DAILY WEATHER REPORT

Date: SUNDAY 10th APRIL, 1949

At 1200 on Saturday

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	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	10	7	02	0	0	-	16.2	29	29	9
	62303	SÎDI BARÂNI	320	12		01	1	1	Ci	17.0	26	42	12
	62306	MATRÛḤ	20	8		02	0	1	Ci	16.8	26	25	4
	62309	EL DABA											
		ALEXANDRIA	360	7	50	03	1	4	Sc,Ac	17.1	19	78	15
	62318	FOUAD (Airport)	330	5	12	02	0	1	Ci	17.4	19	75	14
	62330	DAMIETTA	40	5	15	03	1	3	Ac	17.8	19	83	16
	62333	PORT SA'ÎD	60	12	15	02	0	0	-	17.7	19	78	15
	62336	EL 'ARISH	360	19	35	02	0	0	-	17.6	19	73	14
LOWER EGYPT	62339	DAMANHUR	360	5	15	03	0	2	Ci	17.2	26	30	7
	62342	MANŞURA	360	2	35	01	1	4	Ac	17.0	26	37	10
	62348	TANTA	310	2	35	03	1	3	Cu	16.9	27	27	6
	62354	ZAGAZIG	320	5	15	03	0	3	Ci	16.7	27	22	3
	62441	ISMAÎLÎA	40	2	7	03	2	8	Ac	16.3	27	20	2
CAIRO AREA	62366	FAROUK (Airport)	320	8	18	03	2	5	Ac	17.1	26	25	4
	62372	ALMÂZA	310	9	30	02	0	4	Ac,Ci	16.2	26	25	4
		EZBEKÎYA	320	8	35	00	0	4	Ci	16.7	27	27	6
		GÎZA	320	8	35	00	0	4	Ci	16.2	27	26	6
	62378	HELWÂN	320	12	35	03	2	5	Cc	15.9	26	18	0
UPPER EGYPT	62381	FAIYÛM	330	5	35	03	1	4	Ci	16.4	27	25	6
	62387	MINYA	30	8	14	00	0	2	Ci	16.2	28	25	6
	62393	ASYÛT MANQABÂD	340	9	30	00	0	0	-	14.2	29	20	4
	62399	NAG' ḤAMMÂDI	320	3	7	00	0	0	-	13.0	31	17	3
	62402	QENA	320	2	50	00	0	0	-	12.7	33	21	8
	62405	LUXOR											
	62414	ASWÂN	360	6	50	00	0	0	-	13.1	29	14	-1
OASES	62417	SÎWA	00	0	35	00	0	0	-	19.1	31	52	20
	62420	BAHARÎYA	320	3	35	03	2	7	Ac	17.2	28	16	0
	62423	FARAFRA											
	62432	DAKHLA	320	3	35	00	0	0	-	15.7	29	9	-7
	62435	KHARGA	20	3	35	00	0	0	-	15.2	29	19	3
RED SEA	62450	SUEZ	360	5	35	02	0	0	-	14.8	27	33	9
	62459	TÔR	310	9	35	00	0	0	-	13.3	24	54	14
	62462	HURGHÂDA	30	7		00	0	0	-	14.2	23	50	12
	62465	QUSEIR	20	13	15	02	0	0	-	14.6	25	47	13
	62641	PORT SÛDÂN	40	13	30	00	0	0	-	10.9	29	40	14
NORTH SÛDÂN	62600	WÂDI HALFA	350	8	30	00	0	0	-	12.5	31	11	-3
	62640	ABU ḤAMAD	50	9	30	03	0	1	Ci	8.5	33	7	-7
	62660	KAREIMA	20	9	30	00	0	1	Ac	9.7	33	8	-5
	62680	'AṬBARA	360	2	30	01	0	1	Ac	7.2	35	6	-9
	62721	KHARTÛM	10	10	30	03	1	3	Ac	6.6	35	12	1
	62730	KASSALA	20	9	30	00	0	0	-	3.8	38	26	15
CENTRAL SÛDÂN	62751	WÂD MEDANI	360	9	35	00	0	0	-	4.6	39		
	62801	RENK	50	9	50	00	0	0	-	4.2	37	24	18
	62802	ROSEIRES	340	5	35	00	0	0	-		40	17	11
	62771	EL OBEID	360	6	34	00	0	0	-	6.2	35	14	4
	62760	EL FÂSHER	50	5	30	00	0	0	-		34	7	-7
	62770	GENEINA	180	7	10	00	0	0	-		35	9	-2
S. SÛDÂN	62840	MALAKÂL	50	10	30	01	1	4	Ci	3.9	38	11	3
	62880	WÂU	20	8	10	02	1	8	Cs	4.7	38		
	62941	JUBA	70	2	10	03	0	1	Cu,Ac	3.5	37	27	15

At 1800 on Saturday

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past 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	1	7	02	0	0	-	15.8	20	41	6	0
SÎDI BARÂNI	140	3		01	0	0	-	16.3	17	77	13	0
MATRÛḤ	150	1	12	00	0	0	-	16.6	18	56	9	0
EL DABA												
ALEXANDRIA	90	9	7	00	0	0	-	17.8	16	77	12	0
FOUAD (Airport)	40	10	12	02	0	0	-	16.7	16	77	12	0
DAMIETTA	40	5		00	0	0	-	16.8	17	77	13	0
PORT SA'ÎD	50	13	12	01	1	3	Ci	17.3	17	77	13	0
EL 'ARISH	40	9	15	03	0	2	Cu		17	77	13	0
DAMANHUR	360	5	7	02	1	2	Ci	17.2	17	60	9	0
MANŞURA	20	2	3	00	1	0	-	17.6	18	60	10	0
TANTA	270	2	35	02	1	0	-	17.0	20	56	11	0
ZAGAZIG	40	5	3	00	1	0	-	17.1	18	73	13	0
ISMAÎLÎA	40	5	3	00	1	6	As	17.7	18	52	8	0
FAROUK (Airport)	40	17	14	01	1	2	Cu	16.4	22	44	9	0
ALMÂZA	40	15	15	01	1	3	Ci	16.4	22	47	10	0
EZBEKÎYA	360	3	15	00	0	4	Ci	17.2	21	50	10	0
GÎZA	360	3	15	00	0	4	Ci	17.5	22	50	11	0
HELWÂN	360	8	15	01	1	5	Cc	16.2	22	36	6	0
FAIYÛM	00	0	35	02	1	4	Ci	16.0	20	46	8	0
MINYA	30	3	12	00	0	0	-	15.4	18	49	7	0
ASYÛT MANQABÂD	00	0	7	00	0	0	-	13.9	21	57	12	0
NAG' ḤAMMÂDI	270	2	7	00	0	0	-	13.4	24	32	9	0
QENA	00	0	12	00	0	0	-	12.6	25	22	2	0
LUXOR	360	3	50	00	0	0	-	12.7	26	14	-4	0
ASWÂN												
SÎWA	00	0	7	00	0	0	-	20.8	17	60	9	0
BAHARÎYA	00	0	15	00	0	0	-	16.7	23	24	1	0
FARAFRA	20	5	7	01	1	0	-	16.6	23	24	1	0
DAKHLA												
KHARGA	00	0	15	00	0	0	-	15.6	23	24	1	0
SUEZ	360	8	15	03	0	5	Cu	15.4	21	50	10	0
TÔR	20	7	15	00	0	0	-	13.8	21	57	12	0
HURGHÂDA	280	8		00	0	0	-	13.1	21	78	17	0
QUSEIR	20	9	15	00	0	0	-	13.8	22	50	11	0
PORT SÛDÂN												
WÂDI HALFA												
ABU ḤAMAD												
KAREIMA												
'AṬBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on SUNDAY 10th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	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	4	7	02	0	0	-	15.5		17	29				68	11	0		
SÎDI BARÂNI	290	5		02	0	0	-	15.9		17	28		9		88	15	0	272	
MATRÛḤ	350	3	15	00	0	0	-	15.8		20			12		35	4	0		
EL DABA																			
ALEXANDRIA	130	3	50	00	0	0	-	15.6	+1.0	19	21	-2	14	-1	46	7	0	255	181
FOUAD (Airport)	160	6	18	02	0	0	-	15.6		17	24		11		64	10	0	258	137
DAMIETTA	140	2		02	0	0	-	15.8	+1.3	17	22		11		88	15	0	315	101
PORT SA'ÎD	180	5	11	02	0	0	-	15.8		18	20		14		83	15	0	68	
EL 'ARISH	140	5	35	02	0	2	Cu	16.3	+2.2	15	20	-3	8	-4	88	13	0		87
DAMANHUR	230	5	7	02	0	0	-	16.3	+1.7	18	27	+1	12	0	60	10	0	98	95
MANŞURA	140	2	35	00	0	0	-	16.0	+1.1	19	27	0	10	-2	64	12	0	42	49
TANTA	00	0	35	02	0	0	-	15.7	+0.9	18	28	+1	8	-3	62	8	0	30	36
ZAGAZIG	40	2	7	00	0	0	-	15.5	+0.6	19	29	+2	12	+1	52	9	0	19	25
ISMAÎLÎA	180	2	7	02	0	0	-	15.6		18	28		11		52	8	0	12	
FAROUK (Airport)	270	8	10	05	0	0	-	15.2		18	27		16		46	6	0		
ALMÂZA											27								
EZBEKÎYA	00	0	15	00	0	0	-	15.8	+0.9	20	27	-1	11	-2	46	8	0	8	23
GÎZA	00	0	15	00	0	0	-	15.8	+0.8	22	27	-1	9	-1	47	10	0	16	23
HELWÂN	00	0	7	00	0	0	-	15.5	+0.9	18	27	-1	15	+1	49	7	0	16	26
FAIYÛM	00	0	35	01	0	0	-	16.2	+1.3	20	28	-1	12	0	46	8	0	6	8
MINYA	360	3	12	00	0	0	-	15.8		18	29		9		56	9	0	5	
ASYÛT MANQABÂD	340	5	30	00	0	0	-	15.1		20	30		13		46	8	0	0	
NAG' ḤAMMÂDI	320	1	7	00	0	0	-	14.8	+1.4	20	31		11		46	8	0	0	
QENA	270	5	15	00	0	0	-	14.6	+1.4	21	34	0	15	0	33	4	0	dr	
LUXOR											32							dr	
ASWÂN	360	7	50	00	0	0	-	14.4	+1.6	21	31	-3	15	-2	33	4	0	dr	
SÎWA	00	0	35	00	0	0	-	16.8	+1.0	17	31	+2	8	-3	60	9	0	dr	8
BAHARÎYA	360	2	35	03	0	0	-	16.8	+1.3	21	29	-1	12	0	26	1	0	dr	7
FARAFRA	220	4	35	02	0	0	-	17.5		16	29		9				0	dr	
DAKHLA	320	3	35	00	0	0	-	15.6	+1.3	15			11	-3		-5	0	dr	
KHARGA	00	0	35	00	0	0	-	16.0	+2.2	23	30	-3	14	-1	44	10	0	0	
SUEZ	360	2	35	00	0	0	-	16.0	+1.3	18	28	-2	11	-3	52	8	0	12	15
TÔR	310	6	35	00	0	0	-	13.0	+0.3	21	26	-2	14	-2	50	10	0	dr	13
HURGHADA	330	2		00	0	0	-	14.0		22	24		15		44	9	0	7	
QUSEIR	310	9	15	02	0	0	-	13.5	+0.9	25	27	-1	18	-1	34	8	0	0	4
PORT SÛDÂN	330	6	30	02	2	7	Cu,Ac	12.7		25	29		20		70	19	0	34	95
WÂDI HALFA	330	3	30	03	0	1	Ac	14.8		20	34		15		26	0	0	tr	
ABU ḤAMAD	20	9	30	02	0	1	Ac	12.0		24	35		18		13	-7	0		
KAREIMA																		3	1
'AṬBARA	360	9	30	03	2	5	Ac	11.1		23	35		20		24	1	0	7	2
KHARTÛM	20	6	30	01	1	1	Ac	10.4		26	37		22		16	-2	0	10	4
KASSALA	00	0	30	00	0	0	-	8.3		27	39		19		40	12	0	16	9
WÂD MEDANI	360	5	50	00	0	0	-	9.3		28	40		23		10	-6	0	11	12
RENK																		0	51
ROSEIRES	360	5	35	00	0	0	-			28	41		24		25	6	0	3	43
EL OBEID	10	10	30	03	0	1	Ac	10.6		27	37		20		33	9	0	11	17
EL FÂSHER																		1	6
GENEINA	50	13	30	00	0	0	-			23	27		22		8	-13	0		5
MALAKÂL	70	5	30	01	0	3	Ac	9.1		31?	40		24		19	5	0	127	102
WÂU																		280	192
JUBA	70	5	50	03		8	Cu,Sc,Ac	13.1		24	38		24		84	21	0.3	187	219

HUMIDITY % Mean of day

Station	on 9th	Diff. from normal
Alexandria	72	+6
Ezbekiya	52	-3
Gîza	57	0
Helwân	43	+1

GÎZA GRASS MINIMUM TEMP. ON 10th 4.8 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — Farouk AIRPORT — On 10 At 3

Pressure millibars	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	121	17	39	140	10
950					
900					
850	1427	12	28	350	19
800					
700	3092	2		290	17
600					
500	5715	-15		280	18
400		-27			
300	7360	-42		310	39

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

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

UPPER WIND OBSERVATIONS on 9th

Height m.	Port Said Time 14 Dir.	Vel.	Minya Time 15 Dir.	Vel.	Matruh Time 15 Dir.	Vel.	Fouad A.F. Time 15 Dir.	Vel.	Almaza Time 15 30 Dir.	Vel.
300	360	15	10	19	10	10	360	6	360	7
600	340	7	10	20	330	14	300	10	360	10
1000			360	21	350	7	290	12	20	10
1500			340	20			280	8	320	7
2000	360	5	320	26			290	12	320	9
3000	300	5					310	18	330	10
4000	300	23					270	29?	290	10
5000							280	17		
6000							290	15		
7000										
8000										

UPPER WIND OBSERVATIONS on 10th

Height m.	Sîdi Barâni Time 5 Dir.	Vel.	Matrûḥ Time 4 Dir.	Vel.	Fouad Airport Time 4 Dir.	Vel.	Port Said Time 4 Dir.	Vel.	El 'Arîsh Dir.	Vel.	Helwân Time 7 Dir.	Vel.	Minya Time 3 Dir.	Vel.	Asyût Manqabâd Time 9 Dir.	Vel.	Luxor Dir.	Vel.	Aswân Time 5 Dir.	Vel.	Hurghada Dir.	Vel.	Farouk A.P. Time 3 Dir.	Vel.
300	320	8	220	21	20	10	100	7			280	3	10	10	350	6			360	8			110	11
600	300	9	240	16	330	2	10	7			20	7	40	16	350	7			360	22			50	13
1000	280	12	260	14	350	9	340	9			360	12	20	19	340	7			360	7			350	16
1500			270	14	320	16	320	11			350	15	20	28	330	14			10	7			350	19
2000			260	14	20	17	320	10			310	16			340	10			310	4			320	10
3000					300	16					320	17			330	9			320	12			290	17
4000					290	23																		
5000																							290	17
6000																							290	18
7000																								
8000																								

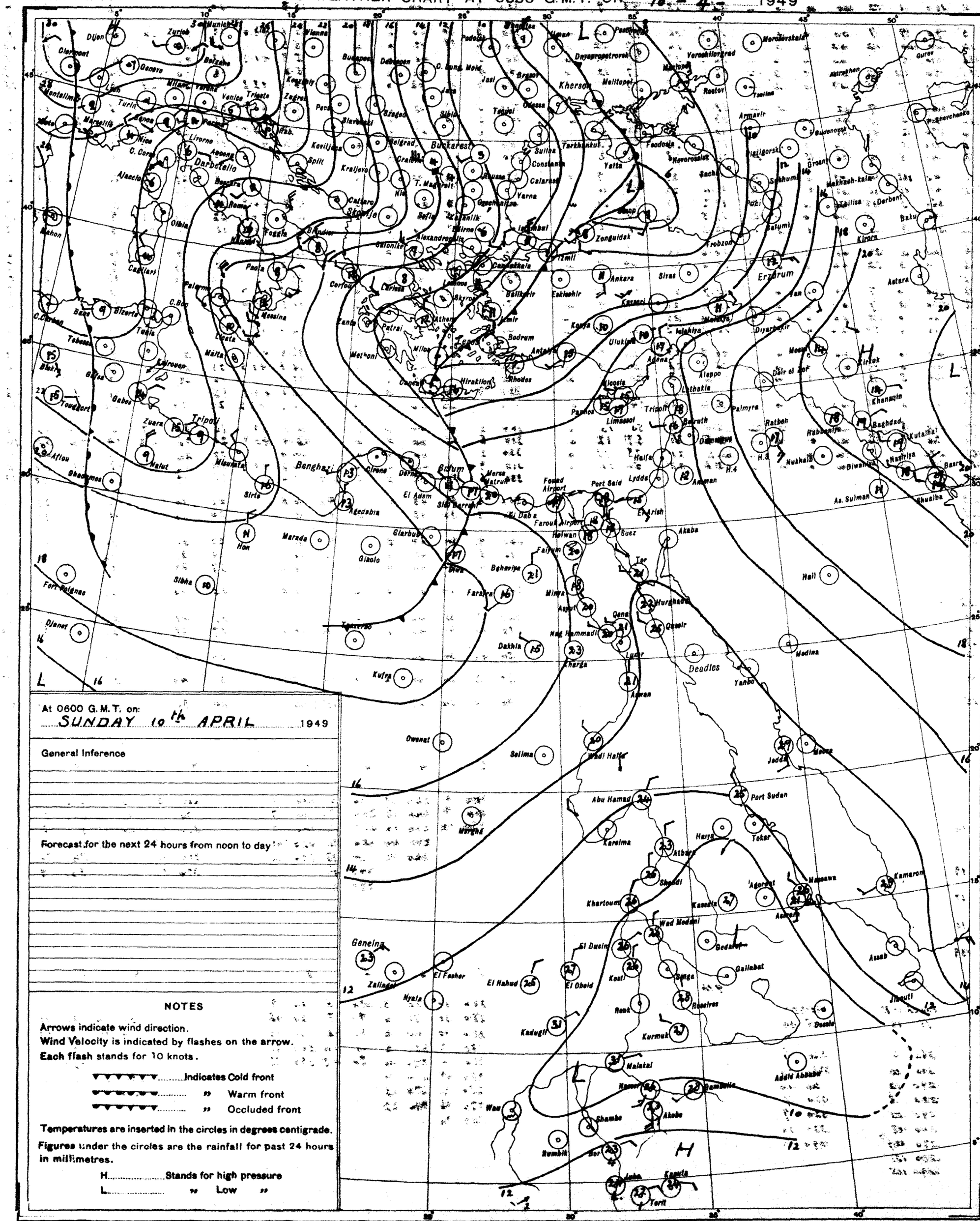
Height m.	Siwa Time 5 Dir.	Vel.	Baḥarîya Time 6 Dir.	Vel.	Dakhla Time 5 Dir.	Vel.	Kharga Time 6 Dir.	Vel.	Wâdi Halfa Dir.	Vel.	Abû Ḥamad Dir.	Vel.	Kareima Time 4 Dir.	Vel.	Khartûm Time 4 Dir.	Vel.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fâsher Dir.	Vel.	Malakâl Time 4 Dir.	Vel.
300	280	10	130	3	320	5	10	9																
600	280	10	70	3	20	7	20	16					30	24	10	21							20	18
1000	280	10	10	6	40	16	10	16					30	19	20	23							30	28
1500	280	7	320	6	10	14	360	15							60	6							40	13
2000	310	4	290	10	30	45	350	16							180	4							100	8
3000	280	19	300	16									280	12	350	7							70	7
4000	280	20	310	18									260	19										
5000	270	16	310	22																				
6000	290	26																						
7000																								
8000																								

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

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 10-4-1949


Dijon
Zurich
Munich
Vienna
Clermont
Geneva
Belzano
Milano
Venice
Trieste
Zagreb
Budapest
Debrecen
Kecskemet
Turin
Marseille
Genoa
Nice
Livorno
Ancona
Darbetello
Ajaccio
Bastia
Rome
Olbia
Mahon
Cagliari
Palermo
Messina
Catania
Malta
Tunis
Bizerte
Tebessa
Biskra
Gafsa
Gabes
Kairouan
Tripoli
Zuara
Nalut
Misurata
Sirte
Benghazi
Tobruk
Derna
El Adem
Marsa Matruh
Sidi Barrani
Agedabia
Giarabub
Giaolo
Marada
Hon
Sibha
Fort Polignac
Djanet
Tamanrasset
Kufra
Dakhla
Kharga
Farafra
Bahariya
Faiyum
Minya
Asyut
Nag Hammadi
Luxor
Qena
Hurghada
Qoseir
Aswan
Wadi Halfa
Abu Hamad
Port Sudan
Kareima
Atbara
Shendi
Khartoum
Kassala
Wad Medani
El Ducim
Kosti
El Obeid
El Fasher
El Nahud
Nyala
Zalingei
Geneina
Kadugli
Renk
Malakal
Kurmuk
Gondar
Asmara
Massawa
Agordat
Gedaref
Gallabat
Roseires
Asab
Jibouti
Dessie
Addis Ababa
Kamaron
Wau
Shambe
Akobo
Rumbik
Bor
Juba
Kasala
Torit
Deadlos
Jedda
Mecca
Yanbo
Medina
Hail
Aa. Sulman
Bhuaiba
Basra
Baghdad
Kutalha
Nasiriya
Habbaniya
Nukhaib
Biwanisa
Kirkuk
Khanaqin
Mosul
Dair el Zor
Diyarbakir
Aleppo
Latakia
Palmyra
Ratbeh
Damascus
Beirut
Tripoli
Limassol
Paphos
Haifa
Lydda
Amman
Port Said
Ismailia
Suez
Akaba
Tor
El Arish
Farouk Airport
Helwan
Fouad Airport
El Daba
Mersa Matruh
Alexandria
Cairo
Athens
Salonika
Sofia
Belgrad
Bucharest
Craiova
Constanta
Varna
Sulina
Odessa
Tarkhankut
Yalta
Feodosia
Novorossiisk
Sochi
Sukhumi
Batumi
Tbilisa
Derbent
Baku
Kirovsk
Astara
Erzurum
Van
Sivas
Ankara
Eskisehir
Kayseri
Konya
Adana
Iskenderun
Ulukisla
Trabzon
Zonguldak
Istanbul
Izmir
Bodrum
Rhodes
Antalya
Kerkyra
Corfou
Zante
Patrai
Milos
Kalamata
Skyros
Lemnos
Canakkale
Balikesir
Kavala
Hiraklion
Cancia
Messina
Palermo
Cagliari
Bona
Bizerte
Tebessa
Biskra
Gafsa
Gabes
Kairouan
Tripoli
Zuara
Nalut
Misurata
Sirte
Benghazi
Tobruk
Derna
Agedabia

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 No 7 F.

DAILY WEATHER REPORT

Date: MONDAY 11th APRIL, 1949

At 1200 on Sun 10th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALUM	360	16	7	02	0	0	-	15.8	20	64	13
	62303	SÎDI BARÂNI	320	12	50	03	1	3	Cu	17.2	18	88	16
	62306	MATRÛH	340	13	18	00	0	0	-	16.1	19	73	14
	62309	EL DABA'											
		ALEXANDRIA	40	4	50	00	0	0	-	14.3	23	44	10
	62318	FOUAD (Airport)	280	7	12	02	0	0	-	14.8	26	25	4
	62330	DAMIETTA	40	2	15	00	0	0	-	15.0	23	50	12
	62333	PORT SA'ÎD	40	6	30	02	0	0	-	15.5	23	50	12
	62336	EL 'ARISH	360	13	35	01	0	0	-	16.3	19	46	7
LOWER EGYPT	62339	DAMANHUR	310	9	15	02	0	0	-	14.7	29	29	9
	62342	MANSURA	360	2	35	00	0	0	-	15.1	29	23	6
	62348	TANTA	310	8	35	02	0	0	-	14.5	30	25	8
	62354	ZAGAZIG	320	2	15	00	0	0	-	14.7	30	31	11
	62441	ISMA'ÎLÎA	290	2	15	02	0	0	-	14.2	29	14	-1
CAIRO AREA	62366	FAROUK (Airport)	300	10	30	00	0	0	-	14.7	28	16	0
	62372	ALMÂZA	340	11	30	00	0	0	-	14.2	28	22	4
		EZBEKÎYA	360	9	35	00	0	0	-	14.4	28	16	0
		GÎZA	360	9	35	00	0	0	-	14.7	28	21	4
	62378	HELWÂN	290	12	15	02	0	0	-	13.9	28	12	-4
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0	-	14.6	28	22	4
	62387	MINYA	40	11	14	00	0	0	-	14.4	29	23	6
	62393	ASYÛT MANQABÂD	340	12	30	00	0	0	-	13.2	29	17	1
	62399	NAG' HAMMÂDI	320	4	15	00	0	0	-	12.0	31	17	3
	62402	QENA	320	2	50	00	0	0	-	11.2	34	14	3
	62405	LUXOR											
	62414	ASWÂN	340	5	50	00	0	0	-	12.2	31	15	1
OASES	62417	SÎWA	270	6	35	00	0	0	-	16.7	32	59	23
	62420	BAHARÎYA	360	3	35	02	0	0	-	15.0	30	11	-4
	62423	FARAFRA											
	62432	DAKHLA	20	6	50	00	0	0	-	13.5	31	12	-1
	62435	KHARGA	360	1	35	00	0	0	-	13.9	31	16	2
RED SEA	62450	SUEZ	360	2	35	02	0	0	-	13.3	29	19	3
	62459	TÛR	310	12	35	00	0	0	-	12.4	25	47	13
	62462	HURGHÂDA	20	10		00	0	0	-	12.2	23	74	18
	62465	QUSEIR	40	9	15	02	0	0	-	12.8	26	48	14
	62641	PORT SUDÂN	80	15	10	01	2	7	Cu	10.0	27	70	21
NORTH SUDAN	62600	WÂDI HALFA	360	13	50	00	0	0	-	11.4	32	10	-3
	62640	ABU HAMAD	20	5	30	03	2	6	Cu.Ac	8.2	34	5	-10
	62660	KAREIMA	20	9	30	01	0	4	Cu.Ac	9.0	34	9	-4
	62680	'ATBARA	50	5	30	01	1	1	Ac	6.3	36	9	-2
	62721	KHARTÛM	340	6	30	01	1	3	Ac.Cu	6.7	36	9	-2
	62730	KASSALA	310	5	30	00	0	0	-	3.2	38	21	12
CENTRAL SUDAN	62751	WÂD MEDANI	360	5	35	02	0	2	Cu	4.4	39	8	-2
	62801	RENK											
	62802	ROSEIRES	340	5	35	00	0	0	-		40	17	11
	62771	EL OBEID	350	4	30	02	0	1	Ac	5.6	36	7	-5
	62760	EL FÂSHER	20	2	30	00	0	0	-		34	13	2
	62770	GENEINA	320	4	30	00	0	0	-		37	6	-6
S. SUDAN	62840	MALAKÂL	160	1	30	03	1	2	Ac.Cu	5.2	38	15	7
	62880	WÂU	30	5	30	01	1	3	Cu	6.0	36	19	9
	62941	JUBA	250	5	50	02	2	7	Sc.Ac	5.7	32	43	18

At 1800 on Sun 10th

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.
62300	SALUM	360	2	7	02	0	1	Ac	17.6	16	59	8	0
62303	SÎDI BARÂNI	320	8		01	0	1	Cu	17.8	16	77	12	0
62306	MATRÛH	350	8	12	00	1	0	-	17.0	16	68	10	0
62309	EL DABA'												
	ALEXANDRIA	360	10	7	00	0	0	-	15.7	18	73	13	0
62318	FOUAD (Airport)	320	12	12	02	0	0	-	15.6	17	83	14	0
62330	DAMIETTA	90	2		00	0	0	-	14.4	19	78	15	0
62333	PORT SA'ÎD	120	11	18	02	0	0	-	14.9	18	83	15	0
62336	EL 'ARISH			35	02	0	0	-	14.0	16	88	14	0
62339	DAMANHUR	360	9	7	02	0	0	-	15.9	17	60	9	0
62342	MANSURA	40	5	3	00	0	0	-	15.0	19	64	12	0
62348	TANTA	270	2		02	0	0	-	15.2	20	66	11	0
62354	ZAGAZIG	40	5	3	00	0	0	-	14.8	20	56	11	0
62441	ISMA'ÎLÎA	70	2	7	02	0	0	-	14.4	21	53	4	0
62366	FAROUK (Airport)	70	6	14	00	0	0	-	13.9	24	26	3	0
62372	ALMÂZA	70	10	12	00	0	0	-	13.5	25	28	5	0
	EZBEKÎYA	00	0	15	00	0	0	-	13.9	22	44	9	0
	GÎZA	00	0	15	00	0	0	-	14.6	19	58	11	0
62378	HELWÂN	20	13	15	02	0	0	-	13.4	24	21	0	0
62381	FAIYÛM	00	0	35	02	0	0	-	14.0	22	44	9	0
62387	MINYA	00	0	10	00	0	0	-	12.8	20	46	8	0
62393	ASYÛT MANQABÂD												
62399	NAG' HAMMÂDI	00	0	7	00	0	0	-	12.8	23	38	8	0
62402	QENA	270	2	7	00	0	0	-	11.8	25	22	2	0
62405	LUXOR	160	4	12	00	0	0	-	11.5	26	16	-2	0
62414	ASWÂN	00	0	50	00	0	0	-	11.9	28	18	1	0
62417	SÎWA	00	0	7	00	0	0	-	16.6	25	47	13	0
62420	BAHARÎYA	360	2	15	02	0	0	-	15.0	25	17	-2	0
62423	FARAFRA												
62432	DAKHLA	320	3	35	00	0	0	-	13.9	27	15	-2	0
62435	KHARGA	00	0	15	00	0	0	-	14.4	25	17	-2	0
62450	SUEZ	00	0	15	02	0	0	-	14.7	21	50	10	0
62459	TÛR	340	9	15	00	0	0	-	12.0	22	53	12	0
62462	HURGHÂDA	330	12		00	0	0	-	12.1	24	47	12	0
62465	QUSEIR	360	9	14	02	0	0	-	12.7	23	50	12	0
62641	PORT SUDÂN												
62600	WÂDI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	'ATBARA												
62721	KHARTÛM												
62730	KASSALA												
62751	WÂD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID												
62760	EL FÂSHER												
62770	GENEINA												
62840	MALAKÂL												
62880	WÂU												
62941	JUBA												

At 0600 on MONDAY 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.	BAR. Diff. from normal mbs.	TEMP. Dry Bulb	TEMP. MAXIMUM Yesterday	TEMP. MAXIMUM Diff. from normal	TEMP. MINIMUM Today	TEMP. MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL Past 24 hrs.	RAINFALL Total From Oct. 1st.	RAINFALL Normal From Oct. 1st.
SALUM	290	7	7	03	0	2	Ac	18.6		14	20		9		55	5	0		
SÎDI BARÂNI	320	12	50	03	0	2	Sc, Cu	18.7		14	19		13		67	8	0	272	
MATRÛH	350	16	12	00	0	0	..	18.1		16	22		16		59	8	0		
EL DABA'																			
ALEXANDRIA	330	5	50	03	1	3	Cu, Sc	16.6	+2.0	16	26	+3	15	0	59	8	0	255	182
FOUAD (Airport)	290	11	18	03	1	5	Sc	16.7		17	26		14		60	9	0	258	137
DAMIETTA	320	2		02	0	0	-	15.4	+0.4	17	25		12		77	13	0	315	102
PORT SA'ÎD	350	10	12	01	0	1	Sc	15.7		17	24		16		72	12	0	68	
EL 'ARISH			35	02	0	0	-	14.7	+0.6	19	22	-1			83	16	0		87
DAMANHÛR	310	9	7	03	1	2	Cu	16.4	+1.9	17	30	+4	11	-1	68	11	0	98	95
MANSÛRA	360	2	35	00	0	0	-	15.8	+0.9	18	30	+3	13	+1	73	13	0	42	49
TANTA	310	8	35	02	0	0	-	16.7	+1.9	17	30	+2	9	-2	68	11	0	30	36
ZAGAZIG	320	5	7	03	0	1	Ac	15.2	+0.4	18	30	+2	11	0	73	13	0	19	25
ISMA'ÎLÎA	290	2	3	01	2	5	As	15.6		18	29		14		73	13	0	12	
FAROUK (Airport)	320	3	6	05	0	1	Cu	16.5		15	29		13		82	12	0		
ALMÂZA											29								
EZBEKÎYA	360	11	15	03	0	3	Sc	16.2	+1.4	17	29	+1	13	0	68	11	0	8	23
GÎZA	360	11	15	03	0	3	Sc	16.4	+1.4	17	29	+1	12	+2	73	12	0	16	23
HELWÂN	340	7	15	01	0	2	Cu, Ac	15.5	+1.0	16	28	0	13	-1	68	10	0	16	26
FAIYÛM	360	8	35	02	0	0	-	16.2	+1.4	18	30		13	+1	52	8	0	6	8
MINYA	20	13	10	00	0	0	-	15.4		17	30		9		60	9	0	5	
ASYÛT MANQABÂD	270	4	30	00	0	0	-	14.7		18	31		12		52	8	0	0	
NAG' HAMMÂDI	320	2	3	00	0	0	-	14.3	+1.0	21	32		11		41	7	0	0	
QENA	270	5	15	00	0	0	-	14.7	+1.6	22	36	+1	15	0	61	9	0	dr	
LUXOR											33							dr	
ASWÂN	00	0	50	00	0	0	-	13.6	+0.9	22	33	-2	17	-2	41	8	0	dr	
SÎWA	320	6	35	00	0	0	-	20.2	+4.4	15	32	+3	10	-1	59	7	0	dr	8
BAHARÎYA	360	2	35	02	0	0	-	16.6	+1.2	16	32	+2	12	0	68	10	0	dr	7
FARAFRA																		dr	
DAKHLA	00	0	35	00	0	0	-	14.7	+0.5	20	32	-1	12	-2	24	-1	0	dr	
KHARGA	00	0	35	00	0	0	-	15.2	+1.4	22	31	-2	12	-3	29	3	0	0	
SUEZ	360	3	35	00	0	0	-	15.6	+1.0	18	29	+2	15	0	83	15	0	12	15
TÛR	340	4	35	00	0	0	-			20	29	+2	16	0	73	15		dr	13
HURGHADA	00	0		00	0	0	-	13.5		22	25		16		50	11	0	7	
QUSEIR	360	9	15	02	0	0	-	13.1	+0.6	26	26	-1	19	0	30	7	0	0	4
PORT SÛDÂN	310	1	30	01	1	1	Ac	11.9		25	28		18		58	16	0	34	95
WÂDI HALFA	360	2	30	00	0	0	-	14.8		20	34		15		23	-2	0	tr	
ABU HAMAD	40	5	30	00	0	0	-	12.3		22	35		16		19	-3	0		
KAREIMA	20	9	30	00	0	0	-	12.7		25	35		19		16	-3	0	3	1
'ATBARA	360	5	30	00	0	0	-	11.0		24	37		19		18	-2	0	7	2
KHARTÛM	20	6	30	02	0	1	Cu	10.9		25	37		20		21	1	0	10	4
KASSALA	240	2	30	02	0	1	Ac	8.4		29	40		20		49	17	0	16	10
WÂD MEDANI																		11	12
RENK																		0	51
ROSEIRES																		3	43
EL OBEID	360	5	30	00	0	0	-	10.9		25	37		18		7	-13	0	11	17
EL FÂSHER	00	0	30	00	0	0	-			23	36		15		20	-1	0	1	6
GENEINA	50	10	30	01	0	3	Cu			25	38		21		10	-9	0		5
MALAKÂL	50	1	30	01	1	3	Ac	10.1		29	40		23		52	18	0	127	103
WÂU	00	0	30	02	1	6	Ac	8.7		28	37		25		62	20	0	280	194
JUBA																		187	223

HUMIDITY % Mean of day

STATION	on 10th	Diff. from normal
Alexandria	58	-8
Ezbekîya	41	-14
Gîza	49	-8
Helwân	30	-12

GÎZA GRASS MINIMUM TEMP. ON 11th 9.6 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — FAROUK AIRPORT — On 11th At 3

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	129	13	88	360	1
950					
900					
850	1492	10	35	280	10
800					
700	3073	-2		280	20
600					
500	5682	-17		260	29
400		-29			
300	7292	-44			

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

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

UPPER WIND OBSERVATIONS on 10th

STATION	Fouad.A.P				Minya				Port.Said				Matruh											
TIME	15				15				15				14	30										
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	320	26			20	19			340	9			310	29										
600	290	20			20	20			320	12			310	24										
1000	280	22			10	18			230	7			300	21										
1500	270	22			360	25			300	21			280											
2000	260	29			320	22																		
3000	250	23																						
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 11th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Farouk.	
TIME	5		4		4		3				7		3								10			
HEIGHT m.	DIR.	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	310	22	320	12	340	14			360	10	360	14							340	16	20	10
600	320	17	310	11	300	10	240	16			360	9	360	16							340	14	10	4
1000	320	17	310	18	310	9					220	5	360	16							330	18	350	3
1500	330	22			280	26					230	10	340	23							300	14	280	10
2000					250	36					260	18											280	16
3000																							280	24
4000																								
5000																							250	5
6000																							270	31
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	5		5		5		5	30	4				4		4				4	15	4	30		
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	20	21	360	14	10	3	20	4																
600	20	22	20	19	50	6	360	9	20	9			20	28	10	21								
1000	10	24	30	12	20	10	360	11	10	23			30	21	20	25			30	27	20	8		
1500	310	20	320	13	340	10	350	10	360	20			30	10	10	10			60	13	60	18		
2000	280	27	290	20	310	13	340	13	360	16			360	5	270	1			50	7				
3000	270	40	300	21					10	4			290	8	90	17			300	5	170	10		
4000	260	32	310	16											70	26								
5000															110	27								
6000																								
7000																								
8000																								

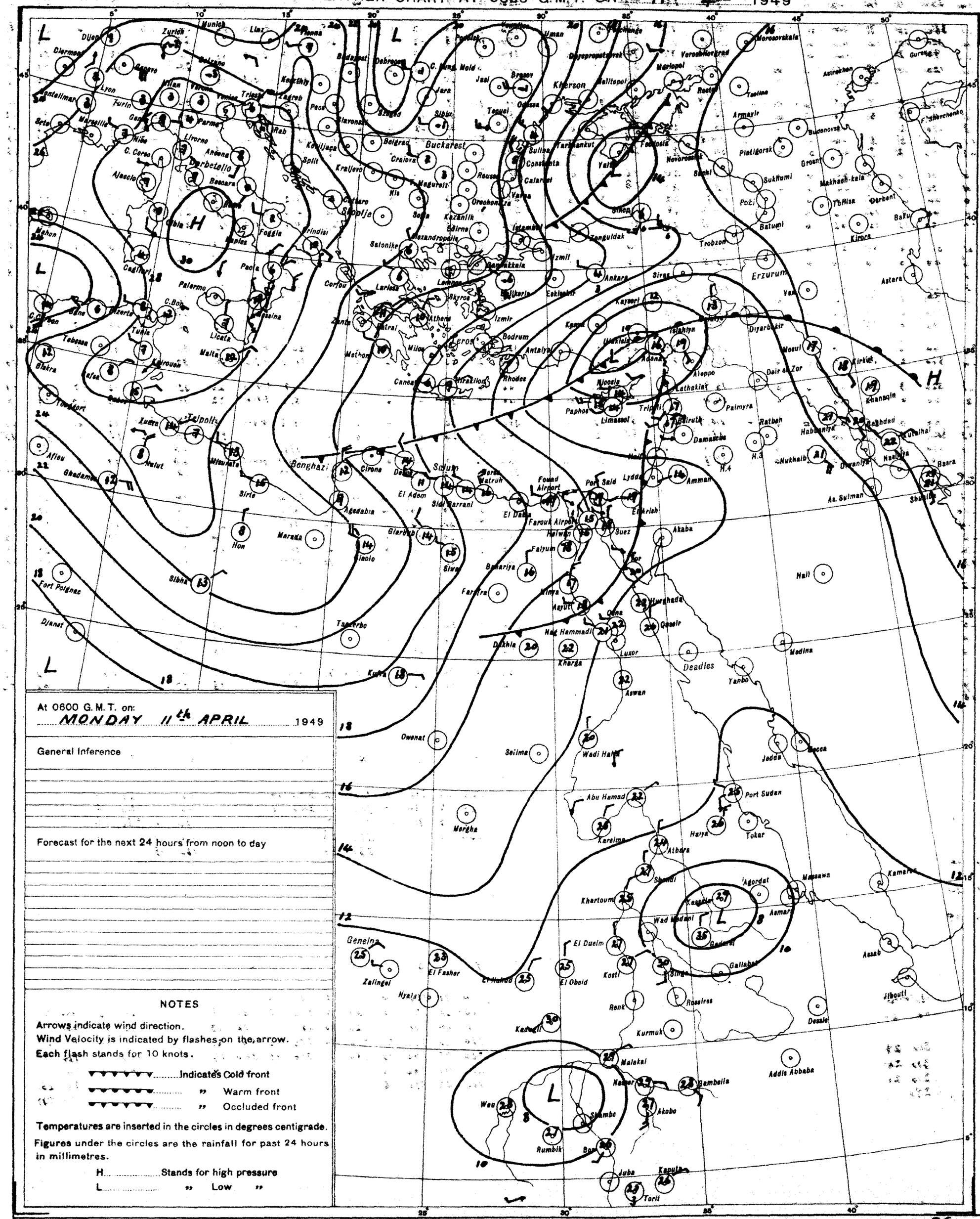
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 11-4-1949


Zurich
Munich
Linz
Vienna
Budapest
Debrecen
Belgrad
Buckarest
Craiova
Sofia
Istanbul
Ankara
Erzurum
Kherson
Sevastopol
Odessa
Tbilisi
Baku
Batumi
Trebzon
Zonguldak
Izmir
Athens
Rhodes
Nicosia
Beirut
Damascus
Amman
Jerusalem
Cairo
Port Said
Suez
Khartoum
Port Sudan
Asmara
Addis Abbaba
Djibouti
Aden
Basra
Baghdad
Tripoli
Benghazi
Malta
Palermo
Marseille
Lyon
Paris
Madrid
Lisbon
Algiers
Tunis
Malakal
Juba
Kampala
Nairobi
Mombasa
Khartoum
Wadi Halfa
Aswan
Luxor
Kharga
Dakhla
Siwa
Sollum
Tobruk
Alexandria
Malta
Gibraltar
Dakar
Freetown
Accra
Lagos
Douala
Fort Lamy
Kano
Tamanrasset
Ouargla
Biskra
Tunis
Tripoli
Sfax
Gabes
Tobruk
Benghazi
Sirte
Kufra
Sibha
Fort Polignac
Djanet
Tessalit
Gao
Timbuktu
Bamako
Dakar
Freetown
Monrovia
Accra
Lagos
Douala
Libreville
Brazzaville
Leopoldville
Elisabethville
Salisbury
Bulawayo
Pretoria
Johannesburg
Durban
Cape Town
Port Elizabeth
Windhoek
Walvis Bay
Luanda
Lobito
Beira
Lourenco Marques
Tananarive
Mauritius
Seychelles
Aden
Mogadishu
Addis Abbaba
Asmara
Port Sudan
Khartoum
Wadi Halfa
Aswan
Luxor
Kharga
Dakhla
Siwa
Sollum
Tobruk
Benghazi
Sirte
Kufra
Sibha

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 No 7 F.

DAILY WEATHER REPORT

Date: TUESDAY 12th APRIL, 1949

At 1200 on Mon 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											
	62303	SÎDI BARÂNI											
	62306	MATRÛḤ	340	19	15	03	2	4	Sc	18.5	17	42	4
	62309	EL ḎABA											
		ALEXANDRIA	310	10	50	03	2	4	Cu,Sc	16.3	17	52	7
	62318	FOUAD (Airport)	300	18	18	01	2	2	Cu	16.4	19	40	5
	62330	DAMIETTA	320	5	15	02	0	0	-	13.9	18	60	10
	62333	PORT SAÏD	360	16		01	0	0	-	15.0	17	64	10
	62336	EL 'ARISH	320	13	35	03	1	2	Cu	14.3	19	83	16
Lower Egypt	62339	DAMANHUR	310	13	15	03	1	3	Cu	16.2	20	73	15
	62342	MANṢURA	360	5	35	01	1	3	Cu	14.8	22	36	6
	62348	ṬANṬA	270	13	35	03	1	5	Cu	15.1	22	44	9
	62354	ZAGAZIG	320	5	7	02	1	5	Ac	14.2	24	47	12
	62441	ISMAÏLÎA	290	5	7	02	1	3	Sc	13.6	24	32	6
Cairo Area	62366	FAROUK (Airport)	290	10	18	01	0	2	Cu	14.1	22	47	10
	62372	ALMÂZA	310	12	30	01	1	1	Cu	14.3	22	41	8
		EZBEKÎYA	320	8	35	01	1	1	Cu	14.6	23	38	8
		ĠÎZA	320	8	35	01	0	1	Cu	14.3	24	34	8
	62378	ḤELWÂN	290	13	35	02	0	0	-	14.3	22	31	6
Upper Egypt	62381	FAIYÛM	270	5	35	02	0	0	-	14.2	24	38	9
	62387	MINYA	20	11	14	00	0	0	-	13.2	28	33	10
	62393	ASYÛṬ MANQABÂD	360	4	30	00	0	0	-	11.4	30	17	2
	62399	NAG' ḤAMMÂDI	320	3	15	00	0	0	-	16.1	31	22	7
	62402	QENA	270	5	50	00	0	0	-	9.8	34	10	-2
	62405	LUXOR											
	62414	ASWÂN	340	8	50	00	0	0	-	10.6	32	10	-3
Oases	62417	SÎWA	320	8	35	00	0	0	-	20.6	22	65	15
	62420	BAḤARÎYA	320	3	35	02	0	0	-	16.4	24	32	6
	62423	FARAFRA											
	62432	DAKHLA	320	11	50	00	0	0	-	13.4	30	7	-10
	62435	KHARGA	340	3	35	00	0	0	-	12.4	32	15	2
Red Sea	62450	SUEZ	360	5	35	02	0	0	-	12.8	24	47	12
	62459	ṬÛR	310	9	35	00	0	0	-	12.1	26	42	12
	62462	HURGHÂDA	20	12		00	0	0	-	10.3	24	69	18
	62465	QUSEIR	20	13	15	02	0	0	-	11.8	25	61	17
	62641	PORT SUDÂN											
North Sudan	62600	WÂDI ḤALFA											
	62640	ABU ḤAMAD											
	62660	KAREIMA											
	62680	'ATBARA											
	62721	KHARTÛM											
	62730	KASSALA											
Central Sudan	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID											
	62760	EL FÂSHER											
	62770	GENEINA											
S. Sudan	62840	MALAKÂL											
	62880	WÂU											
	62941	JUBA											

At 1800 on Mon 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												
SÎDI BARÂNI												
MATRÛḤ	290	2	12	01	0	1	Cu,Sc	20.4	12	55	3	dr
EL ḎABA	240	13	35	02	2	7	Sc,Cu	20.6	13	77	9	0
ALEXANDRIA	10	13	11	13	6	8	Cb	19.4	11	77	7	0.2
FOUAD (Airport)	270	13	7	03	2	7	Cb	17.1	13	67	7	0
DAMIETTA	320	17	14	03	2	6	Cu,Sc	16.7	14	52	4	0
PORT SAÏD	320	9		03	1	3	Sc	14.4	15	68	9	0
EL 'ARISH	310	24	14	02	0	2	Sc	14.5	15	63	8	0
DAMANHUR	320	9	15	03	2	6	Sc,Cu		14	77	10	0
MANṢURA	310	5	15	02	1	3	Cu	16.7	12	63	5	0
ṬANṬA	360	5	3	00	1	0	-	16.2	14	55	5	0
ZAGAZIG	270	2	35	01	1	2	Cu	16.7	13	67	7	0
ISMAÏLÎA	320	9	3	03	1	5	Ac	15.8	14	67	8	0
FAROUK (Airport)	340	9	3	03	2	8	As	15.0	16	49	5	0
ALMÂZA	320	17	14	02	1	4	Ac	16.2	16	68	10	0
EZBEKÎYA	320	14	12	03	1	5	Sc	16.0	15	48	4	0
ĠÎZA	360	11	15	03	0	2	Sc	16.3	15	48	4	0
ḤELWÂN	360	11	15	03	0	2	Sc	16.0	15	38	1	0
FAIYÛM	320	19	15	04	0	0	-	15.6	15	39	1	0
MINYA	330	12	35	02	0	0	-	15.5	16	42	3	0
ASYÛṬ MANQABÂD	10	9	10	00	0	0	-	14.0	18	52	8	0
NAG' ḤAMMÂDI	270	3	7	00	0	0	-	11.0	23	32	5	0
QENA	290	9	7	00	0	0	-	10.6	24	26	3	0
LUXOR	320	7	12	00	0	0	-	10.9	26	13	-5	0
ASWÂN	360	6	50	00	0	0	-	9.4	29	9	-7	0
SÎWA	00	0	7	00	0	0	-	21.2	17	60	9	0
BAḤARÎYA	320	6	15	02	0	0	-	16.4	18	28	-1	0
FARAFRA												
DAKHLA	320	11	35	00	0	0	-	14.8	23	12	-8	0
KHARGA	340	11	14	00	0	0	-	12.8	16	45	4	0
SUEZ	360	9	15	03	0	5	Cu	14.4	18	46	6	0
ṬÛR	310	10	15	00	0	0	-	9.5	24	61	16	0
HURGHÂDA	310	9		00	0	0	-	9.3	24	47	12	0
QUSEIR	140	9	15	02	0	0	-	8.6	23	44	10	0
PORT SUDÂN												
WÂDI ḤALFA												
ABU ḤAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on TUESDAY 12th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Bar. Pressure Diff. from normal mbs	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st
SALUM																			
SÎDI BARÂNI																			
MATRÛḤ	320	10	7	00	0	3	Cu,Sc	21.4		13			9		55	4	dr		
EL ḎABA	320	6	50	50	6	7	Cb,Ac	21.2		13	17		8				1	273	
ALEXANDRIA	350	20	18	01	2	4	Sc	19.6		14	19		8		36	-1	1		
FOUAD (Airport)	310	20	50	03	2	6	Cb	16.7	+2.1	13	18	-5	11	-4	55	4	1	256	182
DAMIETTA	290	22	14	03	1	6	Cu,Sc	16.7		14	20		12		48	3	dr	258	137
PORT SAÏD	290	5		03	6	5	Cb	14.8	+0.4	14	20		9		55	5	dr	315	102
EL 'ARISH	310	16	18	03	0	5	Cu,Sc	14.6		14	18		12		52	4	0	68	
DAMANHUR	220	5	35	01	0	1	Cu			16	20	-4			59	8	dr		28
MANṢURA	310	24	15	03	1	6	Cu	17.1?	+2.6	14	21	-5	9	-3	55	5	0	98	95
ṬANṬA	360	5	35	01	0	3	As	16.2	+1.4	14	23	-4	8	-4	55	5	0	42	49
ZAGAZIG	220	8	35	02	1	0	-	16.1	+1.3	13	23	-5	6	-5	67	7	0	30	27
ISMAÏLÎA	250	5	7	00	1	0	-	16.4	+1.6	14	25	-3	8	-3	55	5	0	19	25
FAROUK (Airport)	270	13	3	03	1	3	Sc	16.0		14	25		10		48	3	0		
ALMÂZA	270	10	14	03	1	3	Sc,Cu,Ac	17.2		13	23		10		67	7	0		
EZBEKÎYA	270	12	14	00	0	0	-	17.6	+2.8	13	24		9		55	4	0		
ĠÎZA	320	9	15	00	0	0	-	17.2	+3.0	15	24	-4	9	-4	48	4	0	8	23
ḤELWÂN	320	9	15	00	0	0	-	18.0	+3.1	15	24	-4	7	-3	43	2	0	16	23
FAIYÛM	320	2	15	00	0	0	-	18.0	+3.6	11	23	-5	8	-6	63	4	0	16	26
MINYA	360	8	7	02	0	0	-	19.1	+4.3	15	25	-4	9	-4	48	4	0	6	8
ASYÛṬ MANQABÂD	10	11	10	00	0	0	-	19.5		12	29		7		55	3	0	5	
NAG' ḤAMMÂDI	340	8	30	00	0	0	-	19.3		13	30		8		55	4	0	0	
QENA	320	9	3	00	0	0	-	18.0	+4.8	15	32		12		59	7	0	0	
LUXOR	290	13	15	00	0	0	-	17.9	+4.9	17	37	+2	14	-2	34	1	0	dr	
ASWÂN											33							dr	
SÎWA	340	14	50	00	0	0	-	16.4	+3.8	17	33	-2	16	-3	56	8	0	dr	
BAḤARÎYA	320	8	35	00	0	0	-	23.0	+7.3	12	24	-5	8	-4	77	9	0	dr	8
FARAFRA	360	9	35	02	0	0	-	20.6	+5.3	12	26	-4	8	-4	63	5	0	dr	7
DAKHLA	320	15	35	00	0	0	-	19.9	+5.8	13	31	-2	11	-3	44	1	0	dr	
KHARGA	360	8	35	00	0	0	-	19.2	+5.5	14	36	+3	12	-3	48	3	0	0	
SUEZ	310	6	35	00	0	1	Cu	17.0	+2.5	15			9	-5	48	4	0	12	15
ṬÛR	310	13	35	00	0	0	-	15.3	+2.7	17	30	+3	16	0	42	4	0	dr	13
HURGHADA	310	26		00	0	0	-	14.6		16	26		16		59	8	0	7	3
QUSEIR	360	19	15	02	0	0	-	13.3	+0.8	20	27	0	17	-2	56	11	0	0	
PORT SUDÂN	300	1	30	00	0	0	-	9.7		29	32		18		31	10	0	34	95
WÂDI ḤALFA	360	17	10	00	0	0	-	16.2		19	34		15		40	5	0	tr	
ABU ḤAMAD	20	19	30	00	0	0	-	11.5		26	36		17		11	-7	0		
KAREIMA	360	13	30	00	0	0	-	11.6		26	36		19		11	-7	0	3	1
'ATBARA	360	19	30	07	0	0	-	11.2		26	37		21		8	-4	0	7	2
KHARTÛM	360	12	30	02	0	0	-	11.6		26	39		22		11	-7	0	10	4
KASSALA	340	5	30	03	1	3	Ac	8.8		29	41		21?		35	12	0	16	10
WÂD MEDANI	20	19	50	00	0	0	-	10.6		28	41		18		10	-6	0	11	13
RENK	360	5	50	00	0	0	-	10.4		33	41		20		47	20	0	0	51
ROSEIRES																		3	44
EL OBEID	10	13	30	03	0	3	Cu	10.8		26	37		19		6	-15		11	17
EL FÂSHER	360	9	30	02	1	7	Cu			23	36		17		15	-5	0	1	6
GENEINA	20	13	30	02	2	8	Ac,Cs			24	38		23		7	-15	0		5
MALAKÂL	340	2	30	01	1	3	Ac	10.3		29	39		25		49	17	0	127	104
WÂU	180	6	30	01	1	3	Ac,Cu	9.3		27	39		26		62	19	0	280	196
JUBA	180	5	50	02	2	7	Cu,Ac	10.6		25	32		23		79	21	8	195	227

HUMIDITY

STATION	Mean % of day on 11 th	Diff. from normal
Alexandria	68	+2
Ezbekiya	55	0
Giza	53	-4
Helwân	50	+8

GÎZA GRASS MINIMUM TEMP.

ON 12 th 2.6 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — Farouk AIRPORT — On 12 At 3

Pressure mbs.	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	136	8	71	270	6
950					
900					
850	1460	0	47	320	26
800					
700	2985	-8		310	31
600					
500	5519	-21		300	65
400		-34			
300	7290	-44			

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

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

UPPER WIND OBSERVATIONS on 11 th

Height m.	Minya Dir.	Minya Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.
Time	15		14	
300	360	21	320	19
600	360	21	300	21
1000	360	21	300	34
1500	330	23		
2000	300	14		
3000				
4000				
5000				
6000				
7000				
8000				

UPPER WIND OBSERVATIONS on 12 th

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûḥ Dir.	Matrûḥ Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Saïd Dir.	Port Saïd Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyûṭ Manqabâd Dir.	Asyûṭ Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Farouk Dir.	Farouk Vel.
Time	5				4		4				7	45	3		9				5		9		3	
300	320	19			310	23	240	23			310	16	330	23	340	11			350	15	340	45	300	14
600	340	23			310	29	280	28			310	33	350	29	340	17			350	24	320	35	320	23
1000	340	22			310	43?	290	21			300	32	350	31	340	31			340	26	310	35	320	24
1500	330	32			310	25					310	33	350	33	330	17			350	32			320	26
2000	330	34											340	30	330	21			350	39			320	25
3000																							310	31
4000																								
5000																							300	65
6000																							310	95
7000																								
8000																								

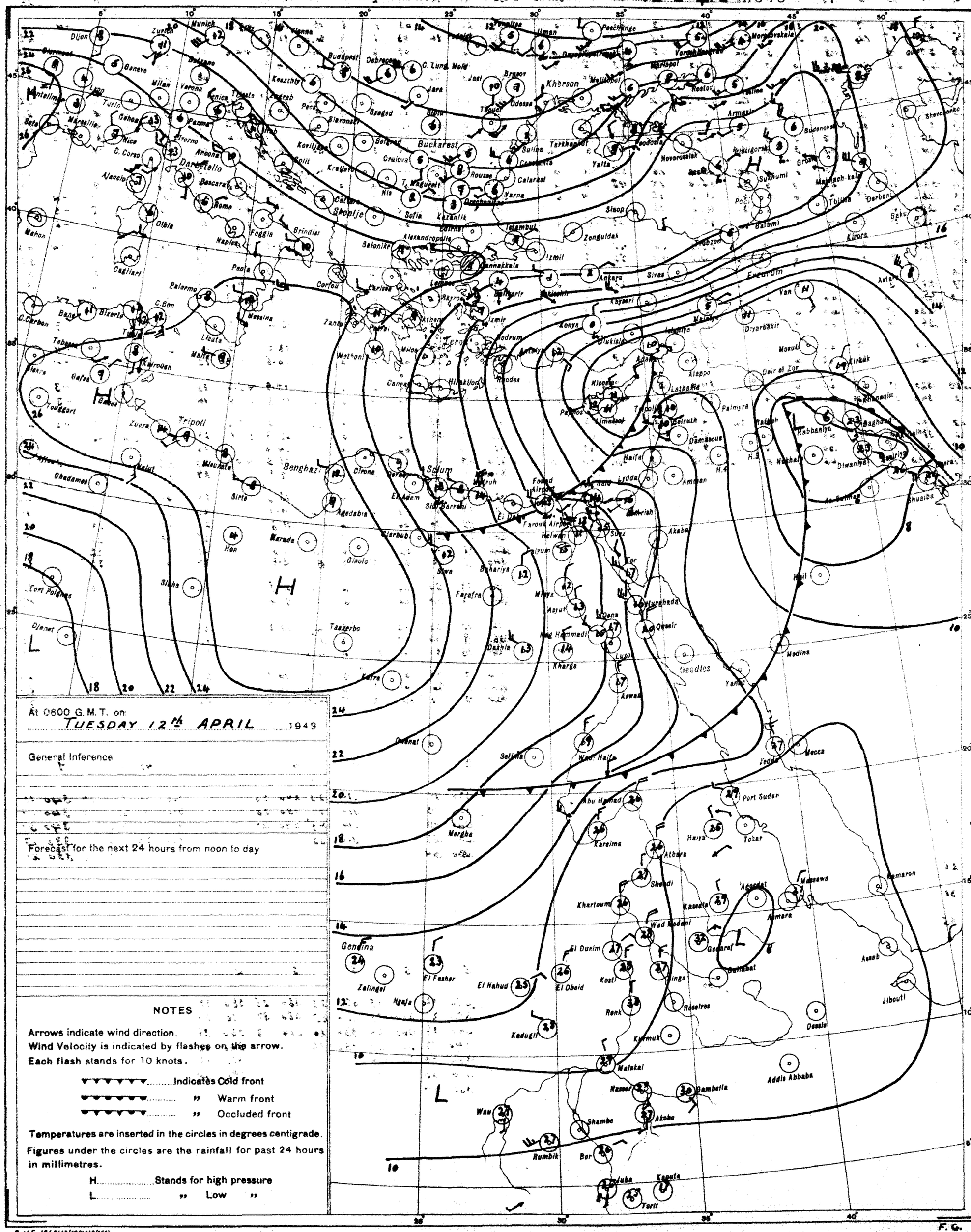
Height m.	Sîwa Dir.	Sîwa Vel.	Baḥarîya Dir.	Baḥarîya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Ḥalfa Dir.	Wâdi Ḥalfa Vel.	Abû Ḥamad Dir.	Abû Ḥamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time	5		5		5		5		4										3	45	4	45	4	
300	350	18	340	27	350	23	360	26	360	17														
600	350	22	350	27	350	25	350	32	10	30													280	5
1000	350	19	360	24	330	20	350	29	360	27									20	31	10	12	330	10
1500	340	18	360	23	330	36			340	16									30	21	40	29	340	3
2000	330	22	330	29					310	17									130	4				
3000	310	36							290	34									230	13				
4000	330	44																						
5000																								
6000																								
7000																								
8000																								

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

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 12 - 4 - 1949


Dijon
Zurich
Munich
Vienna
Budapest
Debrecen
C. Lung Moll
Jassi
Braşov
Kherson
Mariupol
Rostov
Yalta
Sevastopol
Odessa
Tiraspol
Kishinev
Bucharest
Constanta
Sulina
Tarkhankut
Feodosia
Novorossiysk
Sukhumi
Batumi
Tbilisi
Baku
Derbent
Trabzon
Sinop
Zonguldak
Istanbul
Izmit
Ankara
Sivas
Erzurum
Van
Diyarbakir
Mosul
Kirkuk
Aleppo
Deir el Zor
Palmyra
Beirut
Damascus
Haifa
Amman
Jerusalem
Lydda
Rhodes
Athens
Salonika
Alexandropolis
Corfou
Palermo
Messina
Malta
Tripoli
Benghazi
Sirte
Ghadames
Kufra
Siwa
Marsa Matruh
Alexandria
Cairo
Suez
Akaba
Tor
Hurghada
Qena
Luxor
Aswan
Asyut
Minya
Medina
Jedda
Mecca
Port Sudan
Tokar
Massawa
Asmara
Gondar
Khartoum
Kassala
Wad Medani
El Obeid
El Fasher
Nyala
Zalingei
Kosti
Renk
Malakal
Gambela
Addis Ababa
Dessie
Jibouti
Asab
Akobo
Wau
Rumbik
Bor
Juba
Kapoeta
Torit
Roseires
Kadugli
Kurmuk
Nasser
Shambe
Omdurman
Atbara
Shendi
Kareima
Wadi Halfa
Abu Hamad
Dongola
Khargha
Dakhla
Farafra
Bahariya
Qattara
Siwa
Marada
Hon
Tazerbo
Sebha
Ghadames
Nalut
Misurata
Tripoli
Zuara
Gafsa
Kairouan
Tebessa
Bizerte
Tunis
Bône
Palermo
Cagliari
Mahon
Ajaccio
Marseille
Nice
Genova
Milan
Verona
Venice
Trieste
Zagreb
Belgrad
Sofia
Salonika
Athens
Rhodes
Kandia
Malta
Lampedusa
Pantelleria
Sfax
Gabes
Tunis
Algiers
Oran
Tangier
Gibraltar
Lisbon
Madrid
Barcelona
Marseille
Rome
Naples
Brindisi
Foggia
Paola
Cagliari
Palermo
Messina
Catania
Malta
Corfou
Athens
Salonika
Istanbul
Ankara
Sivas
Erzurum
Van
Diyarbakir
Mosul
Kirkuk
Aleppo
Beirut
Damascus
Haifa
Amman
Jerusalem
Lydda
Rhodes
Kandia
Malta
Lampedusa
Pantelleria
Sfax
Gabes

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 No 7 F.

DAILY WEATHER REPORT

Date: WEDNESDAY 13th APRIL, 1949

Area	Index Number	Station	At 1200 on Tues 12th: Wind Direction	Wind Velocity in Knots	Visibility 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 Tues 12th: Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past 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	7	03	2	8	Ac	20.7	16	42	3	270	5	7	01	0	1	Cu, Sc	20.0	12	63	5	0
	62303	SÎDI BARÂNI	320	13	50	03	2	7	Cu	20.8	15	68	9	310	13	35	03	2	8	Sc, Cu	20.2	13	67	7	0
	62306	MATRÛH												340	16	13	03	2	7	Fs, Fc	18.1				
	62309	EL DABA																							
		ALEXANDRIA	310	19	50	02	6	6	Cb	16.8	15	39	1	290	15	7	01	2	4	Cu, Sc	17.2	14	55	5	2
	62318	FOUAD (Airport)	300	21	18	02	1	5	Cu	16.8	17	34	1	310	18	14	02	2	6	Cu	16.9	13	48	2	0.3
	62330	DAMIETTA	320	30	7	07	8	4	Sc	14.4	15	59	7	270	19		03	2	7	cb	14.7	14	67	8	dv
	62333	PORT SA'ÎD	310	24	18	03	8	5	Cu, Sc	14.4	16	45	4	300	19	14	00	1	1	Cb	15.2	14	52	4	0.1
	62336	EL 'ARISH	320	24	35	05	2	6	Sc, Cu	15.1	16	59	8	320	30	35	03	2	7	Sc, Cu	14.4	13	77	9	0
LOWER EGYPT	62339	DAMANHUR	310	24	15	02	1	6	Cu	16.7	16	42	3	310	13	15	01	1	3	Cu	17.0	12	63	5	0
	62342	MANSURA	320	9	35	03	5	6	Sc, Cu	15.4	17	34	1	40	2	3	00	1	0		16.6	12	55	3	dv
	62346	TANTA	270	18	35	03	2	6	Cu	15.5	17	42	4	270	5	35	02	1	6	Cu	17.0	11	51	1	0
	62354	ZAGAZIG	250	9	7	02	1	4	Ac	15.5	16	49	5	250	5	3	00	1	0	-	16.7	10	76	6	0
	62441	ISMAÎLÎA	290	19	1.5	31	2	7	Sc	15.2	17	34	1	290	5	3	01	0	0	-	16.4	13	55	4	0
CAIRO AREA	62366	FAROUK (Airport)	290	24	9	05	1	7	Cu	16.8	17	37	2	290	19	12	02	2	7	Cu	17.9	13	55	4	0
	62372	ALMÂZA	290	20	13	02	1	4	Sc	16.4	17	34	1	290	13	12	02	2	7	Sc	17.7	13	55	4	0
		EZBEKÎYA	300	15	7	03	0	5	Sc, Cu	16.6	17	34	1	300	7	7	50	8	8	cb	17.6	13	55	4	dv
		GÎZA	300	15	7	03	0	5	Sc, Cu	16.7	17	34	1	300	7	7	50	8	8	cb	17.6	13	53	4	dv
	62378	HELWÂN	290	28	3	09	3	7	Fs, Fc	16.2	17	26	-3	290	11	7	02	2	7	Cu	17.9	13	55	4	0
UPPER EGYPT	62381	FAIYÛM	360	12	7	06	2	7	Cu, Sc	17.4	18	28	-1	330	2	35	01	1	3	Cu, Sc	18.2	13	55	4	0
	62387	MINYA	330	14	12	03	0	4	Cu, Sc	17.6	21	21	-2	360	5	10	00	1	0	-	18.0	13	44	1	0
	62393	ASYÛT MANQABÂD	340	8	30	02	0	1	Cu	16.6	19	28	0												
	62399	NAG' HAMMÂDI	320	5	7	00	0	0	-	15.6	22	21	-1	260	4	7	00	0	0	-	17.2	19	35	3	0
	62402	QENA	290	9	50	00	0	0	-	14.6	24	15	-5	290	13	7	00	0	0	-	16.6	18	30	0	0
	62405	LUXOR												340	10	13	00	0	0	-	16.8	18	22	4	0
	62414	ASWÂN	340	8	50	00	0	0	-	14.4	23	24	1	360	12	50	00	0	0	-	16.7	20	24	-1	0
OASES	62417	SÎWA	00	0	35	00	0	0	-	22.7	25	47	13	00	0	7	00	0	0	-	22.7	18	60	10	0
	62420	BAHARÎYA	360	3	35	02	1	4	Ac	19.1	18	28	-1	320	3	15	02	0	0	-	19.4	15	39	1	0
	62423	FARAFRA																							
	62432	DAKHLA	320	15	50	00	0	0	-	19.3	24	15	-5	320	6	35	00	0	0	-	19.0	17	18	-8	0
	62435	KHARGA	360	3	35	00	0	0	-	18.2	20	24	-1	360	1	15	00	0	0	-	18.8	15	34	-1	0
RED SEA	62450	SUEZ	310	10	35	03	0	6	Cu	14.4	19	30	1	310	6	15	01	0	2	Cu	15.2	15	48	4	0
	62459	TÛR	310	16	35	00	0	0	-	13.8	20	35	4	310	12	15	00	0	0	-	15.6	18	40	4	0
	62462	HURGHÂDA	340	24		00	0	0	-	13.1	18	60	10	320	24		00	0	0	-	14.2	18	52	8	
	62465	QUSEIR	360	19	15	02	0	0	-	13.8	21	57	12	360	19	15	02	0	0	-	14.0	19	52	9	0
	62641	PORT SÛDÂN	80	16	10	07	0	0	-	8.4	29	55	19												
NORTH SÛDÂN	62600	WÂDI HALFA	340	20	7	07	0	0	-	15.0	25	18	-1												
	62640	ABU HAMAD	360	13	10	00	0	0	-	10.7	33	8	-5												
	62660	KAREIMA	350	13	10	00	0	0	-	10.7	33	8	-5												
	62680	'ATBARA	340	13	4	07	0	0	-	7.8	34	5	-11												
	62721	KHARTÛM	340	15	4	05	0	0	-	7.4	36	6	-8												
	62780	KASSALA	310	5	30	00	0	0	-	4.4	38	18	10												
CENTRAL SÛDÂN	62751	WÂD MEDANI	20	9	35	02	1	6	Cu	5.6	37	7	-5												
	62801	RENK	50	5	50	00	0	0	-	6.0	39	13	6												
	62802	ROSEIRES	340	5	35	00	0	0	-		40	17	11												
	62771	EL OBEID	20	10	30	02	1	3	Cu	7.0	34	5	-12												
	62760	EL FÂSHER	80	8	30	02	1	6	Cc		34	7	-7												
	62770	GENEINA	20	9	30	01	1	6	Ac		34	6	-8												
S. SÛDÂN	62840	MALAKÂL	20	4	30	03	1	6	Cu, Ac	5.0	37	24	13												
	62880	WÂU	150	2	30	01	1	3	Cu, Cu	4.2	38	29	17												
	62941	JUBA	110	5	50	03	2	7	Cu, Ac	6.9	31	46	18												

Area	Index Number	Station	At 0600 on WEDNESDAY 13th: Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	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	270	8	7	02	2	7	Ac	18.7		12	18		6		63	5	0		
	62303	SÎDI BARÂNI	220	9	50	01	2	7	Sc, Cu, Ac	18.9		12	16		8		77	8	0	273	
	62306	MATRÛH	280	12	13	01	2	2	Sc	17.5		13	17		10		55	4	0		
	62309	EL DABA																			
		ALEXANDRIA	220	16	50	03	2	6	St	16.7	+2.2	15	17	-6	10	-5	68	9	2	258	182
	62318	FOUAD (Airport)	260	18	18	01	2	1	Cu	16.1		15	18		12		52	5	0.3	258	137
	62330	DAMIETTA	250	5		01	1	1	Cu	15.6	+1.2	14	17		8		67	8	dv	315	102
	62333	PORT SA'ÎD	260	20	14	01	0	3	cb	15.3		13	18		11		67	7	0.2	68	
	62336	EL 'ARISH	220	13	35	02	2	7	Sc, Cu	15.6	+1.1	15	17	-7			68	9	0		88
LOWER EGYPT	62339	DAMANHUR	360	13	15	02	1	3	Ac	17.0	+2.5	14	17	-9	8	-4	67	8	0	98	96
	62342	MANSURA	250	2	15	03	1	6	Sc, Cu	16.3	+1.5	14	19	-8	8	-4	67	8	dv	42	49
	62346	TANTA	220	8	35	02	1	0	-	16.9	+1.9	13	18	-10	6	-5	67	7	0	30	37
	62354	ZAGAZIG	220	5	7	01	2	4	Ac	17.4	+2.7	13	19	-9	9	-2	67	7	0	19	25
	62441	ISMAÎLÎA	250	9	3	03	1	3	As	16.8		13	19		10		55	4	0	12	
CAIRO AREA	62366	FAROUK (Airport)	240	16	12	01	1	1	Cu	17.8		13	18		10		63	6	0		
	62372	ALMÂZA	250	14	18	02	2	3	Cu	17.9	+3.2	13	18		10		44	1	0		
		EZBEKÎYA	270	11	15	00	0	0	-	18.4	+3.7	14	18	-10	10	-3	55	5	dv	8	23
		GÎZA	270	11	15	00	0	0	-	18.7	+3.9	15	19	-9	8	-2	48	4	dv	16	23
	62378	HELWÂN	160	4	7	01	0	1	Ac	19.4	+5.0	11	17	-11	7	-7	63	4	0	16	26
UPPER EGYPT	62381	FAIYÛM	240	5	35	02	0	0	-	19.9	+5.2	13	19	-10	7	-6	55	4	0	6	8
	62387	MINYA	00	0	10	00	0	0	-	20.1		12	22		5		55	3	0	5	
	62393	ASYÛT MANQABÂD	00	0	30	00	0	0	-	19.8		14	21		8		48	3	0	0	
	62399	NAG' HAMMÂDI	360	1	3	00	0	0	-	20.2	+7.0	15	22		12		48	4	0	0	
	62402	QENA	320	2	15	00	0	0	-	20.0	+7.1	15	25	-10	14	-2	48	4	0	dv	
	62405	LUXOR	310	6	30	00	0	0	-	19.3		17	23		8		32	0	0	dv	
	62414	ASWÂN	00	0	50	00	0	0	-	20.6	+8.0	17	25	-10	10	-4	52	7	0	dv	
OASES	62417	SÎWA	00	0	35	00	0	0	-	21.6	+6.0	14	26	-3	5	-7	55	5	0	dv	8
	62420	BAHARÎYA	180	4	35	02	0	0	-	20.2	+4.9	13	20	-10	5	-7	55	4	0	dv	7
	62423	FARAFRA																			
	62432	DAKHLA	320	6	35	00	0	0	-	25.0	+11.0	12	24	-9	6	-8	44	0	0	dv	
	62435	KHARGA	00	0	35	00	0	0	-	22.6	+9.0	16	23	-10	7	-8	42	3		0	
RED SEA	62450	SUEZ	360	3	35	00	0	2	Cu	17.6	+5.2	17	21	-7	11	-4	52	7	0	12	15
	62459	TÛR	20	9	35	00	0	0	-	18.2	+5.7	17	25	-2	12	-4	42	4	0	dv	13
	62462	HURGHÂDA	300	10		02	0	1	Cu	16.5		16			10		42	3	0	7	
	62465	QUSEIR	310	9	15	02	0	0	-	18.2	+5.8	18	24	-3	13	-6	37	3	0	0	4
	62641	PORT SÛDÂN	360	16	10	18	2	8	Sc, Cu	15.9		25	32		21		58	16	0	34	95
NORTH SÛDÂN	62600	WÂDI HALFA																	0	tr	
	62640	ABU HAMAD	50	19	10	01	0	0	-	17.6		18	33		13		17	-8	0		
	62660	KAREIMA	20	10	10	01	0	2	Cu	18.7		17	34		13		19	-7	0	3	1
	62680	'ATBARA	360	13	30	02	2	4	cs	16.1		20	35		17				0	7	2
	62721	KHARTÛM	360	13	10	05	1	7	Cu	14.9		22	37		19		19	-3	0	10	4
	62780	KASSALA																	0	16	10
CENTRAL SÛDÂN	62751	WÂD MEDANI	50	19	7	01	1	7	Cu	13.8		24	39		21		13	-7	0	11	13
	62801	RENK																	0	0	51
	62802	ROSEIRES	280	5				3	Cu			25	40		21		51	14	0	3	44
	62771	EL OBEID	360	13	10	02	2	7	cs	14.8		26	36		20		13	-5	0	11	17
	62760	EL FÂSHER	10	5	30	01	1	3	Cu			22	35		18		21	-1	0	1	6
	62770	GENEINA	50	15	6	02	2	7	cs			23	35				22	0	0		5
S. SÛDÂN	62840	MALAKÂL																	0	127	105
	62880	WÂU																	10	290	198
	62941	JUBA																	0	195	231

HUMIDITY % Mean of day

Station	on 12th	Diff. from normal
Alexandria	53	-14
Ezbekîya	46	-9
Gîza	45	-12
Helwân	53	+11

GÎZA GRASS MINIMUM TEMP. ON 13th 4.8 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — AIRPORT

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

AIRPORT

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

AIRPORT

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

UPPER WIND OBSERVATIONS on 12th

Height m.	Port Said Time 14 Dir.	Vel.	Minya Time 15 Dir.	Vel.	Matruh Time 14 45 Dir.	Vel.
300	310	12	320	26	320	16
600	320	16	310	43	320	9
1000	320	14	320	42	330	15
1500			320	30		
2000			320	9		
3000						
4000						
5000						
6000						
7000						
8000						

UPPER WIND OBSERVATIONS on 13th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Almaza	
Time	5		4	15	4		4				6	45	3		9		5	30	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	280	15	290	21	290	40	200	21			160	9	280	6	300	14	300	4	340	5			250	7
600	300	16	300	21	290	30	200	19			260	7	300	10	290	13	350	10	360	19			250	10
1000	320	18	310	23	290	30	210	17			280	16	300	14	290	14	340	15	360	21			250	12
1500			310	32	290	30							290	27	310	20	310	11	330	23			270	14
2000															300	21			310	18			300	22
3000															300	26							310	26
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	5		5		5		5	30									4				4			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	320	4	260	10	330	8	360	3									40	3						
600	310	5	290	10	340	12	200	13									20	11						
1000	270	11	300	21	340	14	340	11									10	11			60	14		
1500	290	22	290	27	320	14	330	21									310	8			90	6		
2000	320	23															270	8						
3000	320	30															270	7						
4000	320	34																						
5000	320	24																						
6000																								
7000																								
8000																								

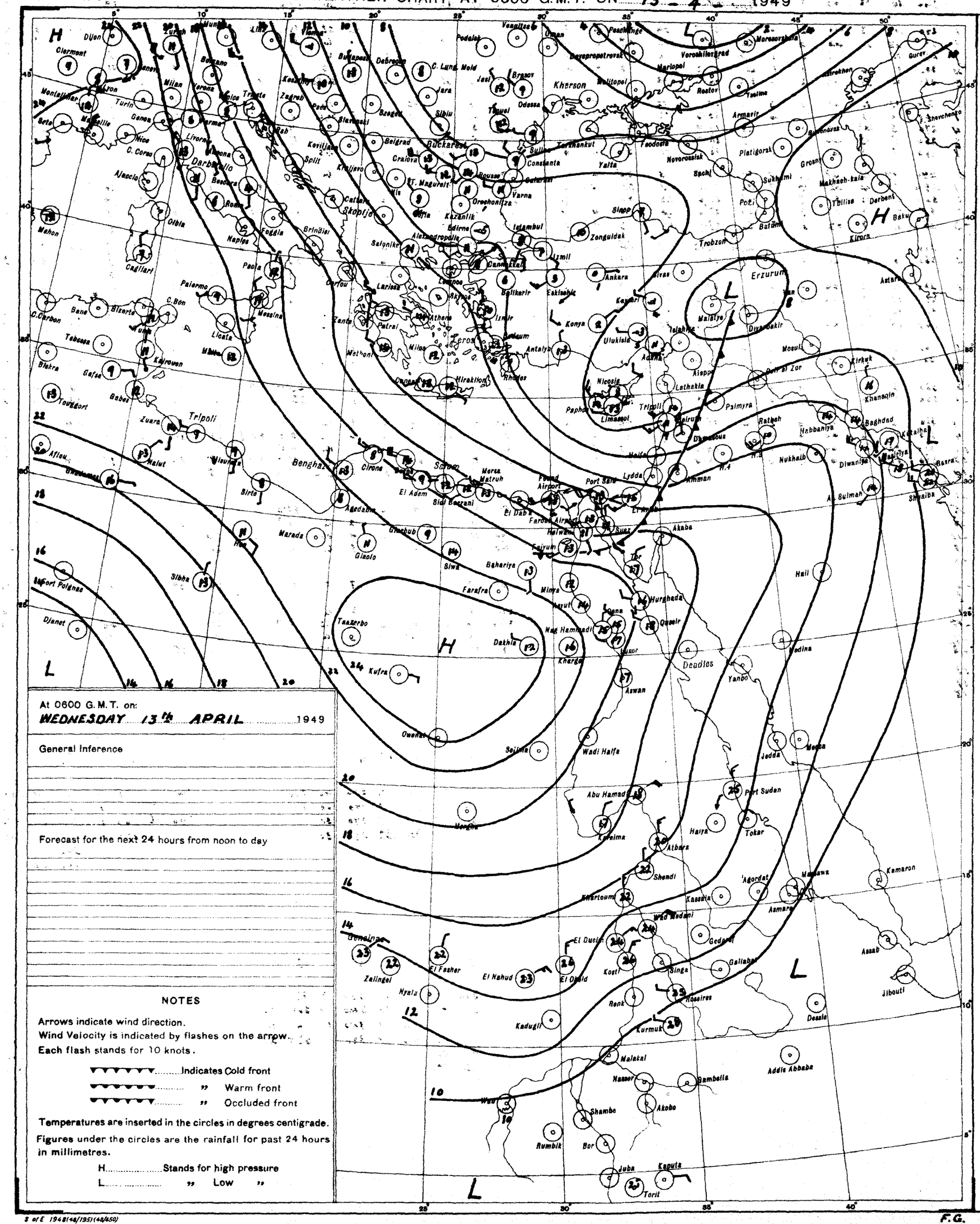
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 13 - 4 - 1949


H
L
Dijon
Clermont
Zurich
Munich
Linz
Vienna
Bucharest
Kherson
Odessa
Sevastopol
Mariupol
Rostov
Tuapse
Astrakhon
Gurev
Shevchenko
Marseille
Genoa
Milan
Turin
Nice
Ajaccio
C. Corso
Livorno
Rome
Naples
Palermo
Messina
Cagliari
Mahon
Olbia
Tripoli
Benghazi
Sirte
Malta
Athens
Istambul
Ankara
Erzurum
Tiflis
Baku
Kirova
Trobzon
Zonguldak
Sinop
Yalta
Feodosia
Novorossisk
Sochi
Batum
Platigorsk
Groszny
Makhach-kala
Derbent
Astara
Mosul
Kirkuk
Khanaqin
Baghdad
Basra
Shuaiba
Diwaniya
Nukhaib
Habbaniya
Ratbah
Palmyra
Damascus
Beirut
Tripoli
Lattakia
Aleppo
Adana
Nicosia
Limassol
Paphos
Rhodes
Crete
Antalya
Izmir
Konya
Ulukisla
Kayseri
Sivas
Malatya
Diyarbakir
Tel Aviv
Haifa
Amman
Lydda
Port Said
Suez
Akaba
Tor
Hurghada
Qoseir
Luxor
Aswan
Kharga
Dakhla
Farafra
Bahariya
Siwa
Marsa Matruh
El Adem
Bir Sidi Barrani
Tobruk
Derna
Bengasi
Cirene
Agedabia
Ghadames
Ghat
Murzuk
Tessalit
Tamanrasset
Biskra
Tunis
Bizerte
Tripoli
Zuara
Nalut
Gafsa
Tozeur
Tebessa
Kairouan
Sousse
Sfax
Gabes
Djerba
Marada
Jalo
Siwa
Fort Polignac
Djanet
Tanezrouft
Kufra
Owenat
Sejilna
Wadi Halfa
Abu Hamad
Port Sudan
Tokar
Haiya
Atbara
Shendi
Khartoum
Kassala
Gedaref
Asmara
Massawa
Kamaron
Assab
Jibouti
Dessie
Addis Abbaba
Gambella
Akobo
Malakal
Kurmuk
Roseires
Renk
Kosti
El Obeid
El Dueim
El Nahud
El Fasher
Zalingei
Nyala
Geneina
Wau
Shambe
Rumbik
Bor
Juba
Kapoeta
Torit
Kadugli
Singa
Galabat
Gedaref
Wad Medani
Deadles
Yanbo
Medina
Jedda
Mecca
Aden
Hail
Aqaba
Sulman
Nassar
Dakhla

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 No 7 F.

DAILY WEATHER REPORT

Date: THURSDAY 14TH APRIL, 1949

At 1200 on Wednes. 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											
	62303	SÎDI BARÂNI											
	62306	MATRÛH	340	20	18	01	2	4	Sc Ci	16.9	18	46	6
	62309	EL DABA											
		ALEXANDRIA	290	11	50	02	2	7	St	15.8	15	68	9
	62318	FOUAD (Airport)	280	19	15	02	2	7	Cu Sc	16.0	17	61	8
	62330	DAMIETTA	270	9	15	03	1	3	Cu	15.4	17	60	9
	62333	PORT SA'ID	280	14	15	03	8	8	Cu Sc	15.6	16	59	8
	62336	EL 'ARISH	320	24	35	02	2	7	Sc Cu	16.0	19	64	12
LOWER EGYPT	62339	DAMANHUR	310	9	15	03	1	7	As	16.8	16	59	8
	62342	MANSURA	320	5	35	03	2	8	Sc Cu	16.2	18	46	6
	62348	TANTA											
	62354	ZAGAZIG	290	5	7	03	1	7	Cu	16.2	19	46	7
	62441	ISMAÎLIA	250	13	3	06	2	6	Sc	15.9	19	37	4
CAIRO AREA	62366	FAROUK (Airport)	290	21	30	02	1	4	Cu	16.3	20	41	6
	62372	ALMAZA	260	17	30	02	1	5	Cu	16.3	20	33	3
		EZBEKIYA	270	8	35	03	0	4	Cu	16.7	20	33	3
		GÎZA	270	8	35	03	0	4	Cu	16.7	21	32	3
	62378	HELWÂN	270	15	35	02	1	4	Cu	16.2	19	23	-3
UPPER EGYPT	62381	FAIYÛM	330	5	35	03	1	3	Ci	17.1	20	33	3
	62387	MINYA	310	13	12	00	0	0	-	17.7	21	25	0
	62393	ASYÛT MANQABAD	320	5	30	02	0	1	Cu	17.5	20	30	2
	62399	NAG' HAMMÂDI	360	3	7	00	0	0	-	16.8	22	29	3
	62402	QENA	290	9	50	00	0	0	-	16.4	24	26	3
	62405	LUXOR											
	62414	ASWÂN	340	6	50	00	0	0	-	16.6	23	27	3
OASES	62417	SÎWA	00	0	35	00	0	0	-	20.7	21	41	7
	62420	BAHARÎYA	270	3	35	02	1	2	Ac	18.7	21	26	1
	62423	FARAFRA											
	62432	DAKHLA	00	0	50	00	0	0	-	18.8	22	16	-5
	62435	KHARGA	00	0	35	00	0	0	-	16.5	22	29	3
RED SEA	62450	SUEZ	310	3	35	03	0	5	Cu	15.6	21	33	4
	62459	TÔR	310	9	35	00	0	0	-		20	56	11
	62462	HURGHÂDA	20	12		00	0	0	-	16.3	19	52	9
	62465	QUSEIR	40	9	15	02	0	0	-	16.7	20	46	8
	62641	PORT SUDÂN	60	8	10	18	1	1	Cu	13.7	26	51	15
NORTH SUDAN	62600	WÂDI HALFA	360	11	30	00	0	0	-	17.1	23	16	-4
	62640	ABU HAMAD	50	19	30	00	0	0	-	13.2	28	7	-11
	62660	KAREIMA	10	9	30	00	0	0	-	13.6	29	8	-9
	62680	'ATBARA	340	9	30	03	1	3	Ci	11.3	30	5	-13
	62721	KHARTÛM	360	14	10	03	1	5	Ci	10.5	32	4	-14
	62780	KASSALA	340	5	30	03	1	7	Ci	7.4	35	22	10
CENTRAL SUDAN	62751	WÂD MEDANI	360	9	35	02	1	7	Ci	8.4	36	6	-8
	62801	RENK	360	9	50	01	1	6	Ci	8.2	35	13	3
	62802	ROSEIRES	310	5	15	02	1	7			35	19	3
	62771	EL OBEID	30	6	10	02	2	7	Ci	9.7	31	8	-8
	62760	EL FÂSHER	90	9	30	01	2	6	Cs		33	10	-2
	62770	GENEINA	50	8	30	01	2	5	Ac		32	7	-8
S. SUDAN	62840	MALAKÂL	40	11	10	02	2	8	Cs	7.4	36	9	-2
	62880	WÂU	340	6	30	17	1	7	Cu Cb	7.6	33	41	18
	62941	JUBA	110	5	30	16	2	7	Cb Ac	7.5	33	44	19

At 1800 on Wednes. 13th

INDEX NUMBER	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST 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	270	6	7	01	0	1	Cu Sc	17.0	15	68	9	0
62303	320	13	35	01	2	4	Sc Cu Ci	17.5	15	68	9	0
62306	300	4	12	03	0	0	-	17.2	14	67	8	0
62309												
	220	10	7	01	2	5	Sc Cu	17.0	15	77	11	0
62318	260	12	18	02	0	1	As	16.1	15	68	8	0
62330	250	5		03	2	6	Sc	15.9	15	77	11	0
62333	270	8	12	01	1	3	Sc As	16.0	15	72	10	0.2
62336	220	7	35	01	0	3	Cu		14	77	10	0
62339	360	7	15	01	1	0	-	16.7	13	77	9	0
62342	360	2	3	00		0	-	16.4	14	77	10	0
62348	220	2	35	01	2	5	Cu	16.6	16	59	8	0
62354	220	2	3	00	1	0	-	16.3	14	67	8	0
62441	290	2	3	02	0	0	-	16.4	15	54	7	0
62366	310	7	14	00	0	0	-	17.2	17	68	11	0
62372	320	8	18	00	0	0	-	17.0	17	49	6	0
	360	2	15	00	0	0	-	16.7	16	49	5	0
	360	2	15	00	0	0	-	17.0	16	50	6	0
62378	290	3	35	01	0	0	-	16.7	15	59	7	0
62381	00	0	35	01	0	0	-	16.8	16	59	8	0
62387	00	0	10	00	0	0	-	17.3	15	39	1	0
62393												
62399	00	0	15	03	1	3	Ci	17.4	16	49	5	0
62402	270	5	7	00	0	0	-	16.3	18	46	6	0
62405	00	0	30	00	1	3		17.2	18	34	2	0
62414	00	0	50	00	0	0	-	17.0	20	33		0
62417	00	0	7	00	0	0	-	18.7	17	52	7	0
62420	320	2	15	03	2	7	Ac	17.9	18	28	-1	0
62423	40	4	7	02	1	5	Ac	18.1	17			0
62432	320	3	35	00	0	0	-	17.6	20	17	-6	0
62435	00	0	15	00	0	0	-	17.6	19	37	4	0
62450	00	0	7	01	0	0	-	16.4	17	52	7	0
62459	310	9	15	00	0	0	-	16.2	18	46	6	0
62462	280	6		00	0	0	-	15.8	20	41	6	0
62465	330	13	15	02	0	0	-	16.6	18	60	10	0
62641												
62600												
62640												
62660												
62680												
62721												
62780												
62751												
62801												
62802												
62771												
62760												
62770												
62840												
62880												
62941												

At 0600 on THURSDAY 14th

INDEX NUMBER	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL mms. Total From Oct. 1st.	RAINFALL mms. Normal From Oct. 1st.	STATION
62300	270	8	7	00	2	5	Ci	16.7		14	20		8		67	8	0			SALUM
62303	250	9	50	01	1	3	Sc As Ci	17.2		13	18		9		84	11	0	273		SÎDI BARÂNI
62306	290	12	15	00	0	1		16.9		14	19		9		77	10	0			MATRÛH
62309																				EL DABA
	220	12	35	03	2	7	St	17.0	+2.5	15	17	-7	13	-2	77	11	0	258	182	ALEXANDRIA
62318	200	16	15	02	0	6	Sc Cc	17.6		15	19		11		72	10	0	258	137	FOUAD (Airport)
62330	220	5		11	2	7	As	16.4	+2.1	15	17		7		77	11	0	315	102	DAMIETTA
62333	240	14	8	03	0	3	Sc Cs	16.6		14	18		11		77	10	0.2	68		PORT SA'ID
62336	220	5		01	0	2	Cu	15.5	+1.6	18	19	-5	12	-1	60	10	0		88	EL 'ARISH
62339	270	13	7	01	1	2	Ac	17.2	+2.8	15	19	-8	9	-3	77	11	0	98	96	DAMANHÛR
62342	250	2	35	00	0	0	-	17.1	+2.4	16	19	-8	8	-4	68	10	0	42	49	MANSÛRA
62348	220	5	35	02	1	5	Cu	17.9	+3.2	13	20	-8	7	-4	77	9	0	30	37	TANTA
62354	220	6	7	03	0	3	Ci	17.2	+2.6	16	21	-7	9	-2	68	10	0	19	25	ZAGAZIG
62441	250	2	3	02	2	8	As	17.2		15	19		10		59	7	0	12		ISMAÎLIA
62366	200	10	12	03	1	4	Ci	17.6		16	21				59	8	0			FAROUK (Airport)
62372											21									ALMAZA
	180	5	15	00	0	1	Ci	17.8	+3.1	16	21	-8	11	-2	59	8	0	8	23	EZBEKÎYA
	180	5	15	00	0	1	Ci	18.0	+3.2	17	21	-7	8	-3	54	7	0	16	23	GÎZA
62378	110	1	7	00	1	4	Ci	18.2	+3.9	15	20	-8	10	-4	59	7	0	16	26	HELWÂN
62381	200	2	35	03	0	2	Ci	18.6	+4.0	17	21	-9	9	-4	52	7	0	1	8	FAIYÛM
62387	00	0	6	10	0	0	-	18.9		16	23		8		45	4	0	5		MINYA
62393	00	0	30	00	0	0	-	18.5		18	22		10		37	3	0	0		ASYÛT MANQABAD
62399	00	0	3	00	0	0	-	19.1	+6.0	18	23		8		46	6	0	0		NAG' HAMMÂDI
62402	270	5	15	00	0	0	-	19.1	+6.3	16	26	-9	9	-7	49	5	0	dr		QENA
62405											23							dr		LUXOR
62414	00	0	50	00	0	0	-	18.7	+6.2	19	25	-10	12	-7	43	6	0	dr		ASWÂN
62417	00	0	35	00	0	0	-	19.2	+3.6	15	22	-7	5	-7	54	7	0	dr	8	SÎWA
62420	220	4	35	02	0	0	-	18.7	+3.5	16	22	-8	8	-4	42	3	0	dr	7	BAHARÎYA
62423	200	5	35	02	1	0	-	19.2		15	22		8				0	dr		FARAFRA
62432	320	3	35	00	0	0	-	18.6	+4.7	13	24	-9	9	-5	34	-3	0	dr		DAKHLA
62435	00	0	35	00	0	0	-	19.2	+5.7	17	25	-8	9	-6	42	4	0	0		KHARGA
62450	180	3	35	00	0	5	As	17.4	+3.1	16	23	-5	9	-6	59	8	0	12	15	SUEZ
62459	20	4	35	00	0	0	—	17.9	+5.5	18	23	-5	12	-4	46	6		dr	13	TÔR
62462	310	3		00	0	0	-	18.1		19	20		11		30	1	0	7		HURGHADA
62465	270	9	15	00	1	3	Ac	18.0	+5.6	20	20	-8	14	-6	46	8	0	0	4	QUSEIR
62641	350	10	30	02	0	1	Cu	17.2		23	27		18		53	13	0	34	95	PORT SÛDÂN
62600	00	0	30	00	0	0	-	18.8		16	26		16		36	1	0	14		WÂDI HALFA
62640	50	19	30	00	0	0	-	16.4		20	29		14		23	-2	0			ABU HAMAD
62660	50	3	30	01	1	3	Ci	17.9		19	30		15		23	-3	0	3	1	KAREIMA
62680	360	9	30	01	1	2	Ci	16.0		21	31		14		18	-4	0	7	2	'ATBARA
62721	20	5	30	01	1	3	Ci	15.7		21	33		16		11	-11	0	10	4	KHARTÛM
62780	340	2	30	03	1	4	Ci	14.8		23	36		14		53	13	0	16	10	KASSALA
62751	50	9	50	03	1	7	Cs	15.0		24	36		17		13	-7	0	11	13	WÂD MEDANI
62801																		0	52	RENK
62802	180	5	35	00	0	0	-			23	37		17		27	3	0	3	45	ROSEIRES
62771	10	10	30	02	1	7	Cs	15.5		22	33		17		8	-15	0	11	17	EL OBEID
62760	00	0	30	02	1	7	Ci			19	33		15		19	-5	0	1	6	EL FÂSHER
62770	50	5	30	01	1	3	Ci			21	35		19		9	-13	0		5	GENEINA
62840	360	5	10	02	2	7	Cs	14.2		27	36		20		16	-1	0	127	106	MALAKÂL
62880	00	0	30	02	1	6	Ac Ci	12.8		25	36		23		70	19	0	290	200	WÂU
62941	200	2	30	02	6	8	Ac	13.8		25	34		23		84	22	dr	195	235	JUBA

HUMIDITY

Mean of day %

STATION	on 13th	Diff. from normal
Alexandria	70	+3
Ezbekiya	48	-7
Giza	46	-11
Helwân	52	+11

GÎZA

GRASS MINIMUM TEMP. ON 14th 4.2 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

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

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

Remarks

RAWINSONDE

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

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

UPPER WIND OBSERVATIONS on 13th

STATION	Fouad. Air		Minya		Almaza		Matruh		P. Said	
TIME	14 30		15		14 45		15 15		14	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	280	30	330	8	300	3	300	23	270	20
600	280	26	340	10	270	4	300	18	270	17
1000	280	24	340	10	270	10	300	23	270	17
1500	280	15	330	18	260	14				
2000	290	25	320	20	270	22				
3000										
4000										
5000										
6000										
7000										
8000										

UPPER WIND OBSERVATIONS on 14th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ID		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABAD		LUXOR		ASWÂN		HURGHADA		
TIME	5		4 45		4						7		3 15		9 30		5 30		5				
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	280	19	280	16	230	13					150	5	40	3	240	3	320	1	360	4				
600	290	19	340	18	280	9					280	9	320	11	250	4	10	4	50	16				
1000			340	23	290	16					270	10	240	8	270	6	310	10	360	5				
1500			300	4							280	19	280	12	270	15	310	16	340	13				
2000											280	21	270	21	270	16			300	17				
3000													280	27	250	21								
4000															280	25								
5000															280	13								
6000																								
7000																								
8000																								

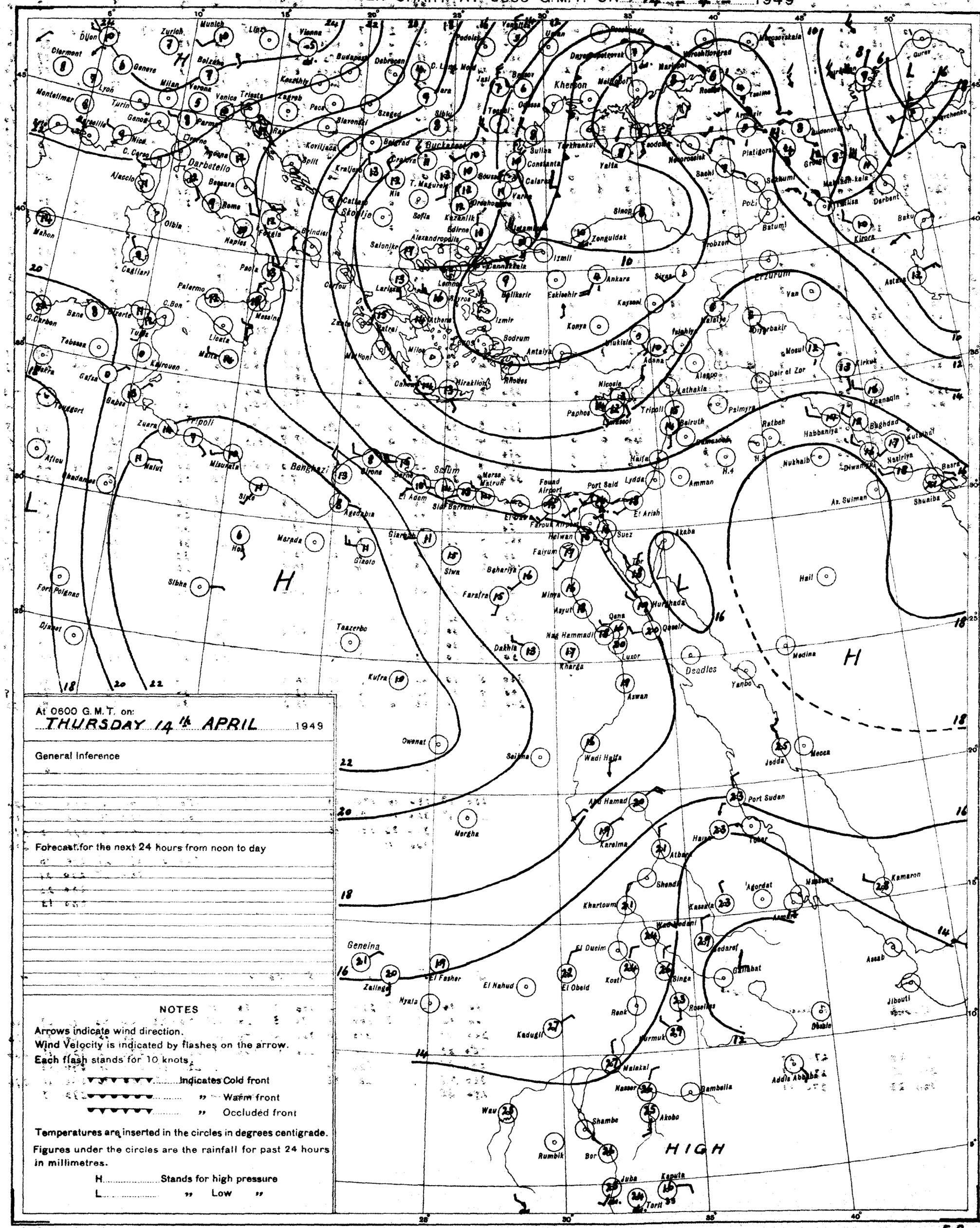
STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABU HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	5		5		5		5 30		4		3 45		4 15		4		4		4 15		4 45		4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	10	14	230	7	280	3	100	1	30	9														
600	10	14	270	7	300	3	30	3	30	13	20	23	40	20	10	19	10	4					30	25
1000	300	21			310	10	300	4	20	14	20	12	30	14	20	24	20	6	30	27	170	8	30	27
1500	280	21			290	10	270	11	360	11	280	3	330	6	320	11	360	7	30	12	20	12	50	15
2000	260	23			280	24					220	10	310	11	290	19			350	6			70	9
3000	310	27			280	26			300	11	270	15	280	10	260	11	290	9	320	13	100	5	80	5
4000	290	35							330	4					270	7								
5000																								
6000																								
7000																								
8000																								

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

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 14 - 4 - 1949



At 0600 G.M.T. on:
THURSDAY 14th APRIL 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

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

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

Temperatures are inserted in the circles in degrees centigrade.

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

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

AMOUNT OF CLOUD

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

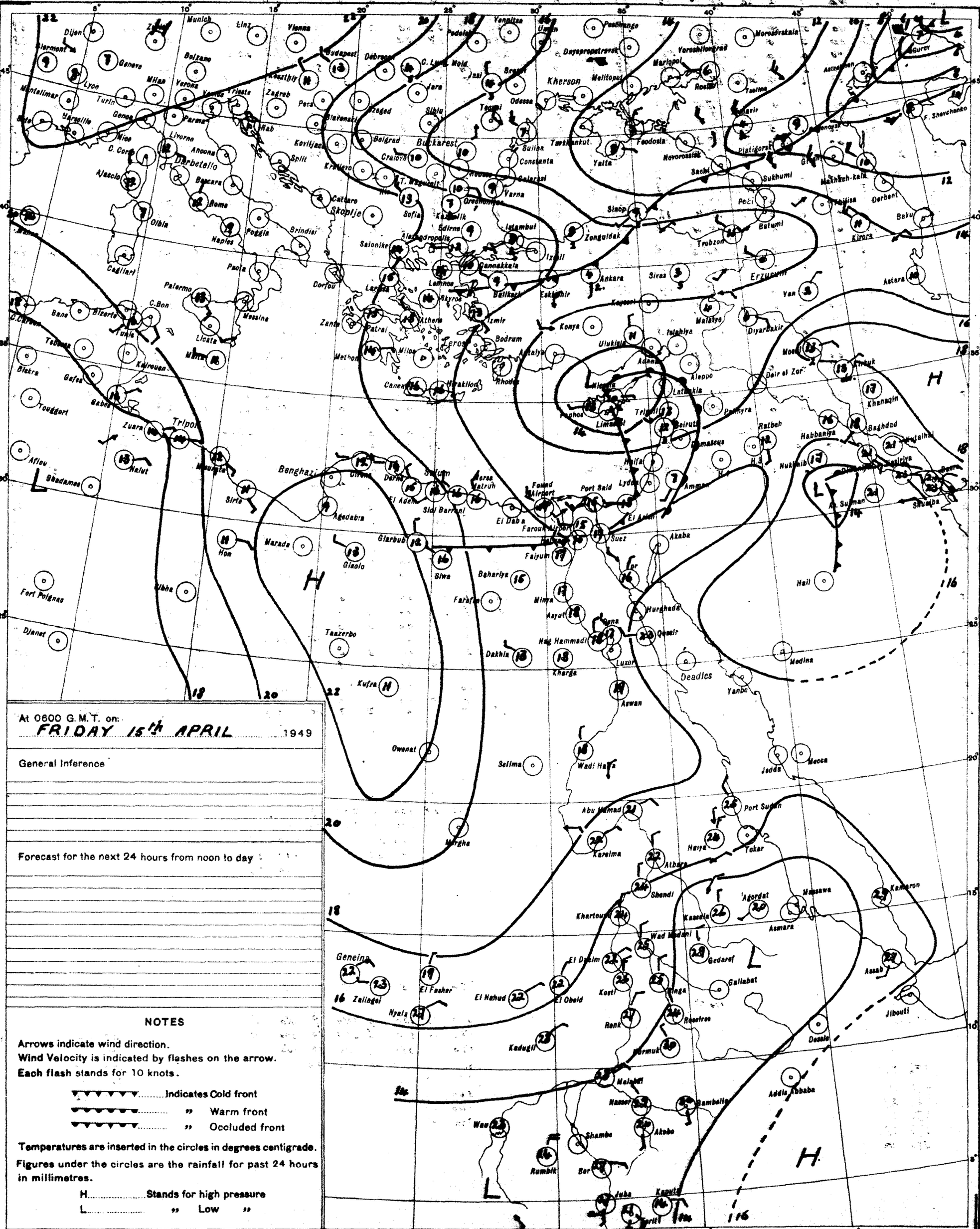
S of E 1948(48/195)(48/450)

SCALE 1:15,000,000

F.G.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 15-4-1949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Benghazi
Cairo
Khartoum
Port Sudan
Asmara
Addis Ababa
Nairobi
Kampala
Mogadishu
Jeddah
Mecca
Baghdad
Basra
Aden
Suez
Port Said
Beirut
Damascus
Aleppo
Tbilisi
Baku
Batumi
Sukhumi
Kirovabad
Astrakhan
Tashkent
Alma-Ata
Omsk
Novosibirsk
Irkutsk
Yakutsk
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Karachi
Lahore
Delhi
Bombay
Madras
Colombo
Rangoon
Singapore
Medan
Manila
Darwin
Perth
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Sydney
Brisbane
Auckland
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Honolulu
San Francisco
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Chicago
New York
Washington
Bermuda
Lisbon
Madrid
Paris
London
Dublin
Reykjavik
Oslo
Stockholm
Helsinki
Moscow
Leningrad
Murmansk
Archangel
Tiksi
Dikson
Nome
Anchorage
Fairbanks
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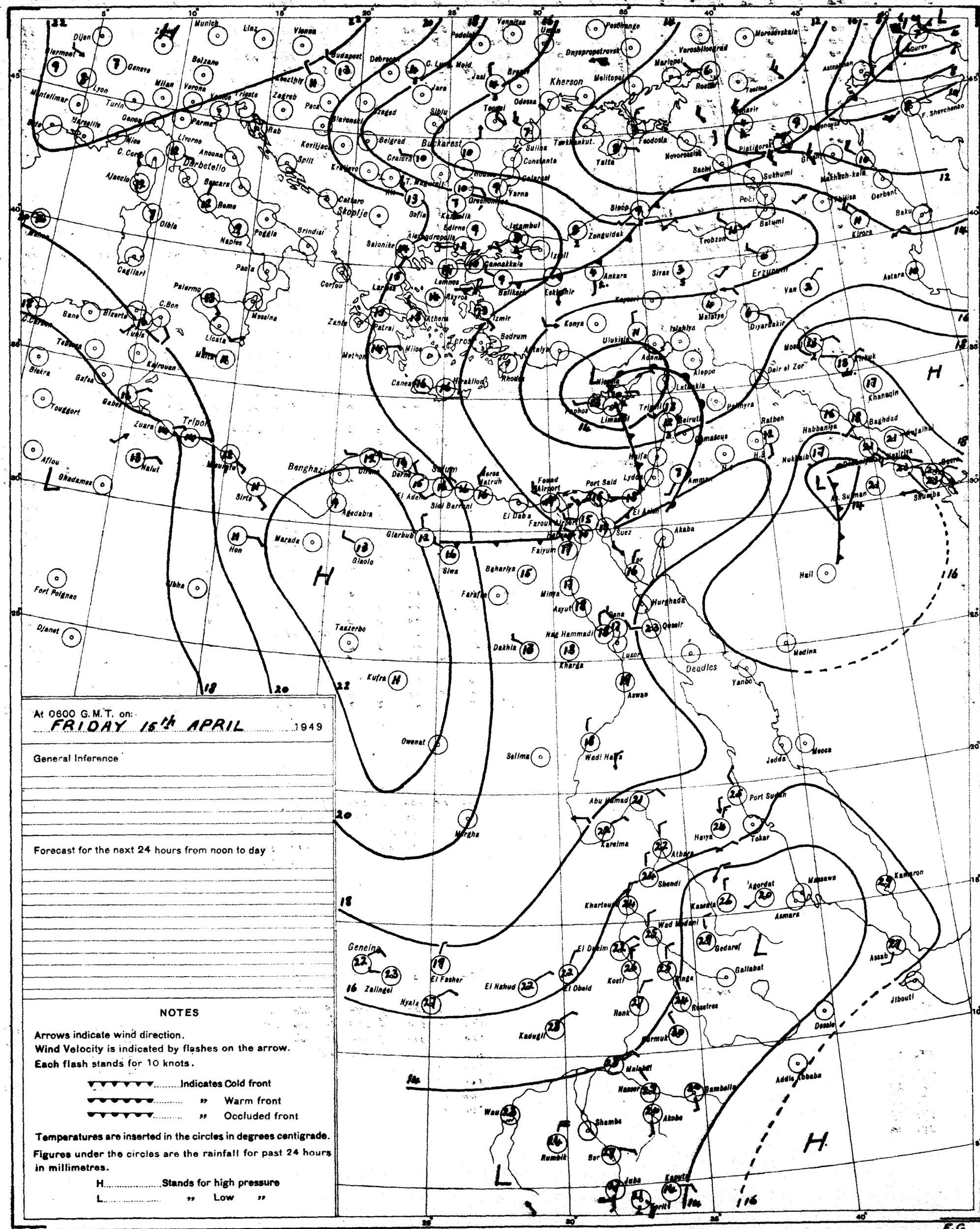
Santiago
Cape Town
Pretoria
Salisbury
Lourenço Marques
Tananarive
Mauritius
Seychelles
Zanzibar
Dar es Salaam
Mombasa
Kano
Lagos
Accra
Dakar
Freetown
Monrovia
Abidjan
Bamako
Tamanrasset
Algiers
Tunis
Tripoli

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 15 - 4 - 1949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Marseille
Montpellier
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Livorno
Ancona
Pescara
Rome
Naples
Bari
Brindisi
Palermo
Messina
Cagliari
Tunis
Bizerte
Tripoli
Benghazi
Sirte
Kufra
Kharga
Dakhla
Siwa
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Luxor
Wadi Halfa
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Khartoum
Kassala
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Addis Ababa
Dessie
Jibouti
Aden
Mecca
Jedda
Medina
Yanbo
Deadics
Hurghada
Qeseir
Suez
Port Said
Haifa
Beirut
Damascus
Amman
Aleppo
Latakia
Palmyra
Baghdad
Basra
Khanaqin
Ankara
Istanbul
Izmir
Konya
Erzurum
Sivas
Trabzon
Batumi
Sukhumi
Sochi
Odessa
Kherson
Sevastopol
Feodosia
Yalta
Rostov
Mariupol
Kiev
Moscow
Astrakhan
Tbilisi
Baku
Derbent
Kirovo
Bucharest
Sofia
Belgrad
Salonika
Athens
Rhodes
Crete
Malta
Cairo
Alexandria
Port Said
Suez
Khartoum
Geneina
Zalingei
Nyala
El Fasher
El Obeid
Kosti
Renk
Malakal
Gambela
Akobo
Juba
Kapoeta
Wau
Rumbik
Bor
Shambe
Gedaref
Gallabat
Asmara
Massawa
Kamaron
Assab
Jibouti
Dessie
Addis Ababa
Hail
Medina
Mecca
Jedda
Port Sudan
Tokar
Haiya
Atbara
Shendi
Khartoum
Wad Medani
El Obeid
El Fasher
El Nahud
Kadugli
Nyala
Geneina
Zalingei
Rumbik
Bor
Juba
Kapoeta
Wau
Malakal
Nasser
Gambela
Akobo
Shambe
Gedaref
Gallabat
Asmara
Massawa
Kassala
Agordat
Addis Ababa
Dessie
Jibouti
Assab
Kamaron
Khartoum
Wad Medani
Kosti
Renk
Malakal
Nasser
Gambela
Akobo
Shambe
Rumbik
Bor
Juba
Kapoeta
Wau
Geneina
Zalingei
Nyala
El Fasher
El Nahud
El Obeid
Kadugli

CAIRO

Time of Sunrise 03 23 G.M.T.

" " Sunset 16 22 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: Saturday 16th April, 1949

At 1200 on Fri. 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	Rain Past 12 hrs mms.
Mediterranean	62300	SALUM	40	12	7	03	0	1	Ci	19.8	18	82	15	0
	62300	SIDI BARÂNI	320	6	50	01	1	2	Ci	20.6	18	88	16	0
	62300	MATRÛH	350	10		00	0	0	–	20.2	18	68	12	0
	62309	EL DABA'												
		ALEXANDRIA	310	11	50	01	2	3	Sc,Cu,Ac	18.6	18	73	13	0
	62318	FOUAD (Airport)	310	14	18	01	2	3	Cu	18.9	20	60	12	0
	62330	DAMIETTA	320	5	15	01	0	1	Cu	17.0	19	64	12	0
	62333	PORT SA'ID	320	15	18	01	2	3	Cu,Sc	16.7	20	69	14	0
	62336	EL 'ARISH	320	13	35	02	0	3	Cu	16.2	20	73	15	0
Lower Egypt	62339	DAMANHUR	40	13	15	02	0	0	–	18.6	20	56	11	0
	62342	MANSURA	270	5	35	01	1	2	Cu	17.6	23	27	3	0
	62348	TANTA	270	13	35	02	1	6	Cu	18.2	22	44	9	0
	62354	ZAGAZIG	320	5	7	02	1	4	Ac	17.0	23	50	12	0
	62441	ISMA'ILIA	270	5	7	02	2	6	Sc	16.7	23	38	8	0
Cairo Area	62366	FAROUK (Airport)	290	12	18	02	2	5	Cu	17.8	22	50	11	0
	62372	ALMAZA	280	10	30	02	2	4	Sc	17.4	23	38	8	
		EZBEKIYA	320	5	35	03	1	4	Cu	17.6	22	44	9	0
		GÎZA	320	5	35	03	1	4	Cu	17.8	24	37	9	0
	62378	HELWÂN	290	8	35	02	2	6	Cu	17.6	23	32	5	0
Upper Egypt	62381	FAIYÛM	00	0	35	03	1	3	Cu,Sc	18.2	23	44	10	0
	62387	MINYA	350	13	18	00	0	0	–	18.4	26	23	3	
	62393	ASYÛT MANFALUT	320	4	30	00	0	0	–	17.3	25	19	0	
	62399	NAG' HAMMÂDI	320	4	15	00	0	0	–	16.4	29	14	-1	0
	62402	QENA	290	5	50	00	0	0	–	16.3	28	22	4	0
	62405	LUXOR												
	62414	ASWÂN	00	0	50	00	0	0	–	16.2	29	17	1	0
Oases	62417	SÎWA	00	0	35	00	0	0	–	21.2	26	48	14	0
	62427	BAHARÎYA	270	3	35	02	0	0	–	18.3	24	32	6	0
	62428	FARAFRA												
	62432	DAKHLA	320	10	50	00	0	0	–	18.0	26	18	0	0
	62436	KHARGA	00	0	35	00	0	0	–		26	30	7	0
Red Sea	62450	SUEZ	00	0	35	02	0	3	Cu	15.4	24	47	12	0
	62459	TÛR	310	9	35	00	0	0	–	15.5	23	50	12	0
	62462	HURGHADA	50	7		00	0	0	–	16.8	24	36	8	
	62465	QUSEIR	40	13	15	02	0	0	–	16.6	24	54	14	0
	62641	PORT SUDAN	70	12	30	02	1	5	Ci	14.6	27	48	15	
North Sudan	62600	WÂDI HALFA	340	12	30	01	0	0	–	16.2	29	7	-11	
	62640	ABU HAMAD	70	9	30	02	1	5	Ci	12.4	32	17	4	
	62660	KAREIMA	70	4	30	03	2	8	cs	13.5	31	8	-8	
	62680	'ATBARA	340	5	30	01	1	2	Ci	11.2	33	6	-10	
	62721	KHARTÛM	360	9	30	02	1	3	Ci	11.0	34	4	-13	
	62780	KASSALA												
Central Sudan	62751	WÂD MEDANI	360	5	35	00	0	0	–	8.6	35	7	-6	
	62801	RENK												
	62802	ROSEIRES												
	62771	EL OBEID	40	8	30	00	0	0	–	9.7	33	6	-10	
	62760	EL FÂSHER	60	5	30	00	1	1	Ci		32	10	-3	
	62770	GENEINA	130	8	30	02	2	7	cs		35	7	-6	
S. Sudan	62840	MALAKÂL	50	4	30	02	0	1	Ac	8.7	36	6	-8	
	62880	WÂU	360	5	30	00	0	0	–	7.5	37	11	2	
	62941	JUBA	50	5	30	03	1	3	Cu,Ac	6.8	36	13	13	

At 1800 on Fri. 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
SALUM	40	2	7	01	2	5	Ac	18.8	16	88	14
SIDI BARÂNI	00	0	35	03	2	5	As	19.5	15	95	15
MATRÛH	00	0	12	02	1	3	As	19.3	14	88	12
EL DABA'											
ALEXANDRIA	310	5	7	00	0	0	–	19.2	15	88	13
FOUAD (Airport)	290	6	12	01	0	0	–	18.5	15	82	12
DAMIETTA	320	5		00	0	0	–	17.8	16	68	10
PORT SA'ID	310	14	15	01	0	0	–	17.8	16	72	11
EL 'ARISH	320	5	7	01	0	1	Cu	18.4	16	77	12
DAMANHUR	40	9	15	02	0	0	–	18.8	14	67	8
MANSURA	360	2	3	00	0	0	–	18.4	16	68	10
TANTA	00	0	35	02	1	6	Cu	19.6	16	49	5
ZAGAZIG	320	2	3	00	1	0	–	19.0	15	68	9
ISMA'ILIA	20	2	7	01	0	0	–	19.0	18	52	8
FAROUK (Airport)	340	5	18	00	0	0	–	18.6	16	57	8
ALMAZA											
EZBEKIYA	360	4	15	00	1	0	–	19.1	17	52	7
GÎZA	360	4	15	00	1	0	–	18.7	16	57	8
HELWÂN	340	4	15	01	0	0	–	18.2	18	46	6
FAIYÛM	00	0	35	01	0	0	–	18.3	17	60	9
MINYA											
ASYÛT MANFALUT											
NAG' HAMMÂDI	00	0	7	00	0	0	–	16.7	18	60	10
QENA	290	5	7	00	0	0	–	16.2	21	33	4
LUXOR	00	0	12	00	0	0	–	16.2	22	29	3
ASWÂN	00	0	50	00	0	0	–	15.4	25	23	5
SÎWA	00	0	7	00	0	0	–	18.8	18	52	8
BAHARÎYA	360	2	15	02	0	0	–	18.2	20	41	6
FARAFRA											
DAKHLA	320	2	18	00	0	0	–	16.4	23	12	8
KHARGA	00	0		00	0	0	–	17.6	21	47	7
SUEZ	00	0	15	01	0	0	–	17.5	20	56	11
TÛR	20	8	15	00	0	0	–	16.3	23	65	16
HURGHADA											
QUSEIR	360	9	15	02	0	0	–	16.7	21	65	14
PORT SUDAN											
WÂDI HALFA											
ABU HAMAD											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
WÂD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
MALAKÂL											
WÂU											
JUBA											

At 0600 on Saturday 16th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	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	300	12	7	02	2	8	St	15.8		17	20		12		52	7	0		
SIDI BARÂNI	120	9	50	03	1	8	As	16.7		17			11		60	9	0	273	
MATRÛH	220	9	13	03	2	7	Sc	17.1		16	19		8		45	4			
EL DABA'																			
ALEXANDRIA											20	-4						258	182
FOUAD (Airport)	00	0	8	02	4	7	Sc,Ci	17.9		14	21		10		88	12	0	258	138
DAMIETTA	160	2		42	2	7	Ci,Fc	18.0	+3.7	14	20		7		88	12	0	315	102
PORT SA'ID	240	4	11	03	1	7	Sc,Ci	18.7		15	22		13		82	12	0	68	
EL 'ARISH	120	2	35	03	0	3	Cu	19.1	+5.3	19	20	-4	11	-2	73	14	0		89
DAMANHUR	230	19	3	08	4	4	Ac	19.1	+4.8	16	22	-5	10	-2	88	14	0	92	96
MANSURA	290	2	35	03	2	6	Sc,Ci	18.8	+4.2	16	23	-5	8	-4	77	12	0	42	50
TANTA	00	0	35	01	1	3	Cu	19.5	+4.9	13	23	-5	6	-5	88	11	0	30	37
ZAGAZIG	220	2	3	10	0	0	–	19.2	+4.6	12	24	-4	9	-3	95	12	0	19	26
ISMA'ILIA	140	2	8	00	1	5	Ac	19.1		16	24		9		68	10	0	12	
FAROUK (Airport)	00	0	12	03	1	5	Ac,Ci	19.3		15			10		77	11	0		
ALMAZA																			
EZBEKIYA	00	0	15	00	0	5	Ci	19.2	+4.6	16	24	-5	11	-3	68	10	0	8	24
GÎZA	00	0	15	00	0	5	Ci	19.1	+4.5	17	25	-3	7	-4	70	11	0	16	23
HELWÂN	00	0	7	00	0	2	Ci	19.1	+5.0	14	23	-6	10	-4	77	10	0	16	26
FAIYÛM	60	5	35	00	1	3	Ci	19.1	+4.6	16	25	-5	10	-3	68	10	0	6	8
MINYA	20	4	10	00	0	0	–	18.6		16			8		59	8	0	5	
ASYÛT MANFALUT	00	0	30	00	0	0	–	17.8		18	26		12		49	7	0	0	
NAG' HAMMÂDI	00	0	3	00	0	0	–	17.8	+4.8	19			10		52	9	0	0	
QENA	320	5	15	00	0	0	–	16.2	+5.6	21	31	-4	13	-3	33	4	0	do	
LUXOR											28							do	
ASWÂN	00	0	50	00	0	0	–	17.6	+5.3	20	31	-5	14	-5	43	7	0	do	
SÎWA	00	0	35	00	0	0	–	18.4	+3.0	19	27	-3	10	-2	46	7	0	do	8
BAHARÎYA	70	4	35	02	1	3	Ac	18.7	+3.7	17	25	-6	9	-4	42	4	0	do	7
FARAFRA																		do	
DAKHLA	00	0	35	00	0	0	–	18.0	+4.2	18	26	-8	11	-4	28	-1	0	do	
KHARGA	20	2	35	00	0	0	–	17.4	+4.1	21	28	-5	12	-4	41	7		0	
SUEZ	00	0	35	00	0	0	–	18.2	+4.1	16	26	-2	10	-5	68	10	0	12	15
TÛR											29	-1						do	13
HURGHADA	320	4		00	0	0	–	17.8		20			14		46	8	0	7	
QUSEIR	360	19	15	02	0	0	–	17.4	+5.2	22	28	0	17	-3	50	11	0	0	4
PORT SUDAN	360	12	50	02	2	4	Ci	15.4		26	28		15		70	20	0	34	95
WÂDI HALFA	360	4	30	03	0	3	Ci	16.7		19	31		17		33	3	0	do	
ABU HAMAD	50	13	30	01	2	5	Ci	14.3		23	33		16		34	6	0		
KAREIMA																		3	1
'ATBARA	360	5	30	00	0	0	–	13.4		22	33		17		25	1	0	7	2
KHARTÛM	20	10	30	01	0	1	Ci	12.3		24	35		17		7	-15	0	10	4
KASSALA	270	1	30	01	1	3	Ci	10.4		25	37		14		42	11	0	16	10
WÂD MEDANI	20	9	50	00	0	0	–	11.6		24	37		18		9	-11	0	11	13
RENK																		0	52
ROSEIRES	310	9	35	00	0	0	–			25	39		18		24	3	0	3	46
EL OBEID	10	9	30	00	0	0	–	12.8		24	35		16		7	-15	0	11	17
EL FÂSHER	10	2	30	00	0	0	–			21	34		15		17	-5	0	1	6
GENEINA	20	11	30	00	0	0	–			23	37		19		8	-13	0		5
MALAKÂL	20		30	00	0	0	–	10.3		28	38		20		10	-6	0	127	108
WÂU	00	0	30	00	0	0	–	10.3		24	38		19		61	16	0	290	204
JUBA	180	5	30	02	2	8	Ac,cs	9.2		29	36		22		47	17	0	195	243

HUMIDITY % Mean of day

Station	on 15th	Diff. from normal
Alexandria		
Ezbekiya	57	+3
Giza	59	+3
Helwân	51	+10

GÎZA GRASS MINIMUM TEMP. ON 16th 3.5 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — AIRPORT

Pressure mbs.	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.	Pressure mbs.	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.	Pressure mbs.	Height above M.S.L. feet	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 .....

Station	Matruh		Fouad A.P.		P. Said		Minia																	
Time	14	15	15		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.
800	340	10	330	11	310	33	360	14																
600	300	3	340	19	320	17	320	8																
1000	340	11	330	19	330	7	320	11																
1500	320	14	320	22	320	6	300	17																
2000	340	16	310	19			290	14																
3000	350	23					320	16																
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 16th

Station	Sidi Barâni		Matrûh		Fouad Airport		Port Sa'id		El 'Arîsh		Helwân		Minya		Asyût Manqabad		Luxor		Aswân		Hurghada		Almaza	
Time	5		4 45		4		4				8 45		3		9				5				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	180	20	110	10	270	1	280	9			280	3	20	16	10	3			10	5			40	3
600	200	11	100	7	60	1	280	16			290	1	20	17	360	5			20	23			40	8
1000	220	11	130	2	60	1	40	3			30	4	350	14	360	7			40	22			30	4
1500	270	12	360	4									310	16	320	7			40	3			330	6
2000	280	18											300	15	320	10			340	3			280	8
3000													320	16										
4000																								
5000																								
6000																								
7000																								
8000																								

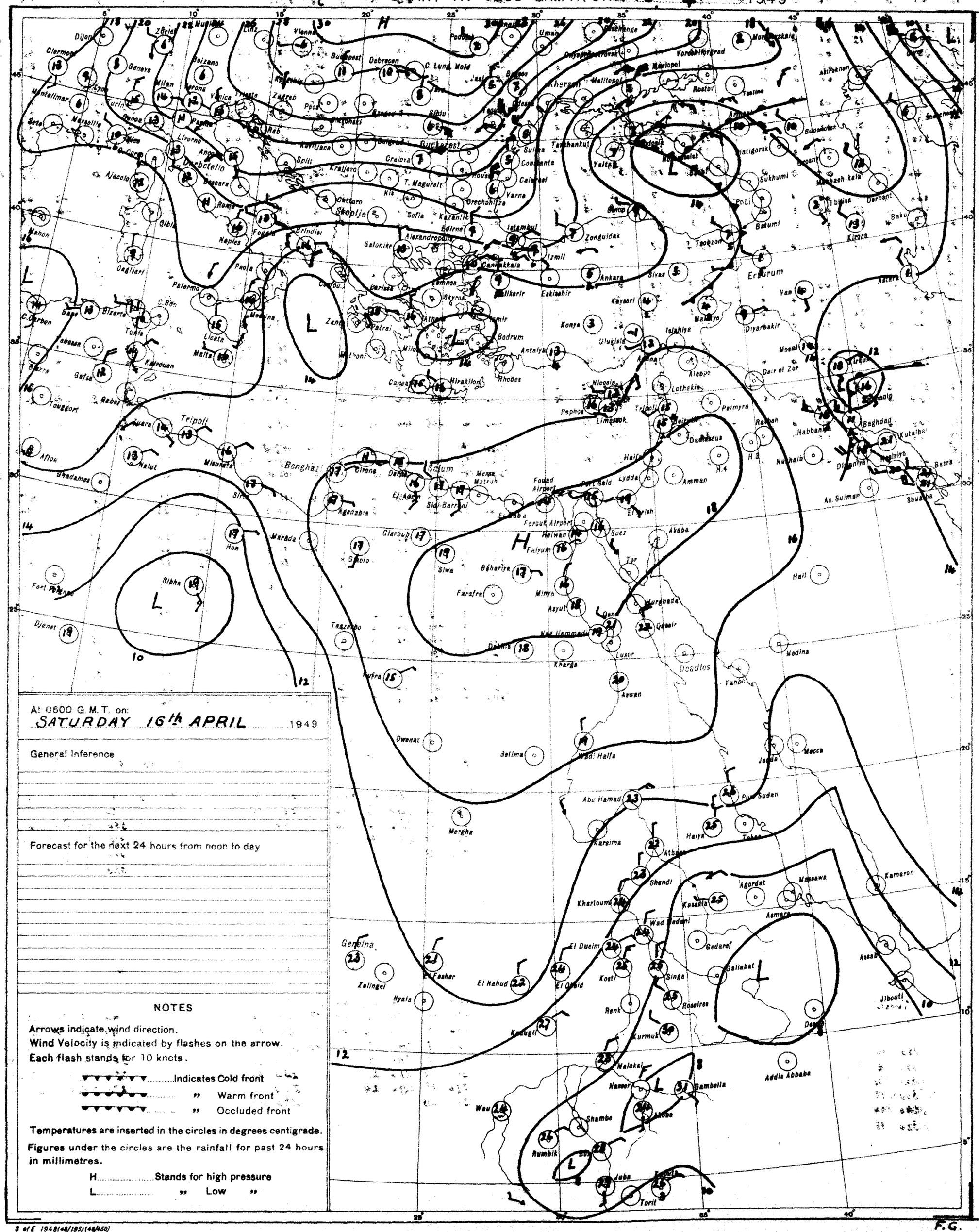
Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	5		5		5		6						4		4		4				4 30		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	140	17	90	13	80	10	50	8																
600	130	14	80	19	70	17	70	11					40	25	360	25	360	3					20	28
1000	180	9	40	12	80	16	50	10					40	24	20	38	20	3			50	11	20	38
1500	180	7	340	12	70	33	350	13					60	10	30	22	30	7			80	7	50	24
2000	230	3	340	19			320	11					360	7	20	7	290	7					60	10
3000	310	20	270	21			280	10					250	5	290	8	250	3			310	15		
4000	270	16	270	24			260	16					270	5	280	4	260	12						
5000	250	23					280	31																
6000																								
7000																								
8000																								

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

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 16 - 4 - 1949


At 0600 G.M.T. on:
SATURDAY 16th APRIL 1949
General Inference
Forecast for the next 24 hours from noon to day
NOTES
Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.
Indicates Cold front
" Warm front
" Occluded front
Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.
H Stands for high pressure
L " Low "
Bucharest
Istanbul
Ankara
Erzurum
Tbilisi
Baghdad
Basra
Tripoli
Benghazi
Cairo
Khartoum
Addis Abbaba
Asmara
Aden
Jeddah
Mecca
Medina
Port Sudan
Wadi Halfa
Aswan
Luxor
Kharga
Farafra
Siwa
Tor
Suez
Akaba
Amman
Beirut
Damascus
Haifa
Jerusalem
Nicosia
Rhodes
Athens
Malta
Gibraltar
Algiers
Tunis
Palermo
Rome
Naples
Marseille
Lyon
Paris
London
Madrid
Lisbon
Geneva
Milan
Vienna
Budapest
Moscow
Rostov
Tashkent
Karachi
Bombay
Calcutta
Colombo
Kandy
Mombasa
Nairobi
Kampala
Entebbe
Gondar
Asmara
Massawa
Kassala
Khartoum
Wad Medani
El Obeid
El Fasher
El Nahud
Kosti
Singa
Gallabat
Roseires
Renk
Kurmuk
Malakal
Nasser
Gambella
Jimma
Addis Abbaba
Dire Dawa
Jibouti
Berbera
Mogadishu
Kismayu
Lamu
Zanzibar
Dar es Salaam
Tanga
Mombasa
Kamaron
Asab
Wau
Shambe
Rumbik
Juba
Torit
Kareima
Abu Hamad
Merkha
Gedaref
Kassala
Agordat
Massawa
Asmara
Kamaron
Gemeina
Zalingei
Nyala
Kadugli
Dongola
Wadi Halfa
Aswan
Luxor
Kharga
Farafra
Siwa
Baharia
Minya
Asyut
Qena
Hurghada
Qeseir
Nag Hammadi
Dakhla
Dongola
Abu Hamad
Port Sudan
Tokar
Hayya
Atbara
Shendi
Khartoum
Kassala
Wad Medani
Gedaref
Gallabat
Roseires
Singa
Kosti
El Obeid
El Nahud
El Fasher
Nyala
Zalingei
Gemeina
Wau
Shambe
Rumbik
Juba
Torit
Malakal
Nasser
Gambella
Jimma
Addis Abbaba
Dire Dawa
Jibouti
Berbera
Mogadishu
Kismayu
Lamu
Zanzibar
Dar es Salaam
Tanga
Mombasa
Nairobi
Kampala
Entebbe
Gondar
Asmara
Massawa
Kassala
Khartoum
Wad Medani
El Obeid
El Fasher
El Nahud
Kosti
Singa
Gallabat
Roseires
Renk
Kurmuk
Kadugli

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 No 7 F.

DAILY WEATHER REPORT

Date : SUNDAY 17th APRIL, 1949

At 1200 on Satur 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	250	8	7	02	2	8	Ac	14.3	26	48	14
	62303	SÎDI BARÂNI	320	9	50	02	2	8	As	15.0	24	54	14
	62306	MATRÛH	240	8	14	02	2	4	Ci	16.9	27	37	11
	62305	EL DABÂ											
		ALEXANDRIA	360	3	50	01	2	6	Sc.Cu	16.7	18	73	13
	62318	FOUAD (Airport)	350	4	12	02	0	6	Ci	17.4	20	53	10
	62330	DAMIETTA	20	2	15	02	2	7	Ac	17.2	20	56	11
	62333	PORT SA'ID	50	9	30	02	2	7	Ci	17.1	18	60	10
	62336	EL 'ARISH	360	9	35	03	2	4	Cu	17.8	17	64	12
LOWER EGYPT	62339	DAMANHUR	230	5	15	03	1	6	Ci	17.2	23	38	8
	62342	MANSURA	320	2	35	02	2	6	Ac	17.2	23	32	5
	62348	TANTA	00	0	35	03	1	6	Cu	18.0	24	32	6
	62354	ZAGAZIG	220	2	15	02	1	3	Ci	17.0	25	34	8
	62441	ISMA'ILIA	180	2	15	02	1	2	As	16.8	24	32	6
CAIRO AREA	62366	FAROUK (Airport)	290	14	30			6	Ac.Ci	17.2	23	24	1
	62372	ALMAZA	140	4	30	02	1	4	Cc	16.6	24	15	-5
		EZBEKIYA	300	3	35	00	0	3	Cc	16.6	23	24	1
		GÎZA	300	3	35	00	0	3	Cc	16.6	24	19	-1
	62378	HELWÂN	270	5	35	02	1	4	Cc	16.0	24	15	-5
UPPER EGYPT	62381	FAIYÛM	00	0	35	01	0	1	Ci	16.6	24	32	6
	62387	MINYA	280	4	14	00	0	0	-	16.3	26	20	1
	62393	ASYÛT MANQABÂD	00	0	30	00	0	0	-	14.3	26	21	2
	62399	NAG' HAMMÂDI	360	2	15	00	0	0	-	14.0	29	19	3
	62402	QENA	220	2	50	00	0	0	-	13.9	29	23	6
	62405	LUXOR											
	62414	ASWÂN	270	7	50	00	0	0	-	12.8	29	23	6
OASES	62417	SÎWA	250	12	35	00	0	0	-	17.0	28	58	19
	62420	BAHARÎYA	360	2	35	02	1	0	-	16.2	27	20	2
	62423	FARAFRA	130	3	35	02	0	0	-	16.7	28		
	62432	DAKHLA	140	2	50	00	0	0	-	14.8	28	16	0
	62435	KHARGA	00	0	35	00	0	0	-	14.8	28	27	7
RED SEA	62450	SUEZ	00	0	35	03	0	1	As	15.6	23	32	5
	62459	TÔR											
	62462	HURGHÂDA	30	8		00	0	0	-	15.7	23	44	10
	62465	QUSEIR											
	62641	PORT SUDÂN	50	17	30	00	0	1	Ci	12.8	29	46	16
NORTH SUDAN	62600	WÂDI HALFA	340	7	30	02	0	2	Ci	13.0	31	9	-5
	62640	ABU HAMAD	50	2	30	01	1	2	Cs	9.2	34	25	11
	62660	KAREIMA	40	2	30	00	2	0	-	9.8	33	10	-3
	62680	'ATBARA	340	5	30	00	0	0	-	8.0	34	9	-4
	62721	KHARTÛM											
	62780	KASSALA											
CENTRAL SUDAN	62751	WÂD MEDANI	360	2	35	00	0	0	-	5.5	37	10	0
	62801	RENK	360	5	50	00	0	0	-	5.9	33	11	-1
	62802	ROSEIRES											
	62771	EL OBEID	40	5	30	02	0	1	Ci	6.7	34	5	-10
	62760	EL FÂSHER	70	5	30	00	0	0	-		35	8	-4
	62770	GENEINA											
S. SUDAN	62840	MALAKÂL											
	62880	WÂU											
	62941	JUBA											

At 1800 on Satur 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	360	5	7	01	2	3	Ac	13.9	18	73	13	0
SÎDI BARÂNI	360	2	35	02	2	8	Sc.Cu	14.4	17	95	17	0
MATRÛH	120	5	12	02	2	8	As	14.3	19	52	9	0
EL DABÂ												
ALEXANDRIA	40	6	3	00	0	-	-	16.8	16	68	10	0
FOUAD (Airport)	30	7	12	02	1	4	Ci	16.4	15	82	12	0
DAMIETTA	250	5		01	1	2	Sc	16.6	16	68	10	0
PORT SA'ID	60	10	15	02	2	6	Ac.Ci	16.9	16	68	10	0
EL 'ARISH	320	9	35	02	1	4	Cu	15.1	16	88	14	0
DAMANHUR	180	5	15	01	1	0	-	17.4	15	82	12	0
MANSURA	40	2	3	00	1	0	-	17.5	16	68	10	0
TANTA	70	2	35	02	1	0	-	17.2	18	52	8	0
ZAGAZIG	40	5	3	00	1	0	-	17.2	17	68	11	0
ISMA'ILIA	40	2	7	01	1	3	As	16.0	18	52	8	0
FAROUK (Airport)	40	6	12	02	1	3	Cs	16.8	20	41	6	0
ALMAZA												
EZBEKIYA	00	0	15	00	0	0	-	16.3	19	46	7	0
GÎZA	00	0	15	00	0	0	-	16.3	20	40	6	0
HELWÂN	360	4	15	01	0	0	-	16.2	20	33	3	0
FAIYÛM	00	0	35	02	0	1	Ci	15.5	20	33	3	0
MINYA	30	7	10	00	0	0	-	15.9	16	45	4	0
ASYÛT MANQABÂD												
NAG' HAMMÂDI	00	0	18	00	0	0	-	15.2	21	28	13	0
QENA	00	0	3	00	0	0	-	15.0	21	30	11	0
LUXOR	270	2	7	00	0	0	-	13.5	22	44	9	0
ASWÂN	00	0	12	00	0	0	-	13.3	23	32	5	0
SÎWA	00	0	50	00	0	0	-	12.7	24	23	3	0
BAHARÎYA	00	0	7	00	0	0	-	14.8	20	41	6	0
FARAFRA	00	0	15	02	0	0	-	15.8	21	38	4	0
DAKHLA												
KHARGA	00	0	35	00	0	0	-	14.3	21	40	0	0
SUEZ	00	0	15	00	0	0	-	14.7	23	32	5	0
TÔR												
HURGHADA	00	0		00	0	0	-	14.7	19	49	8	0
QUSEIR	40	7	15	02	0	0	-	14.7	21	65	14	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on SUNDAY 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.	Diff. from normal mbs.	TEMP. Dry Bulb	TEMP. Maximum Yesterday	TEMP. Maximum Diff. from normal	TEMP. Minimum Today	TEMP. Minimum Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL Total From Oct. 1st.	RAINFALL Normal From Oct. 1st.
SALUM	40	4	7	02	2	8	St,As	14.3		17	26		13		88	15	0		
SÎDI BARÂNI	40	6	50	02	2	8	Sc,Cu	14.8		16	27		12		88	14	0	273	
MATRÛH	250	3	15	00	0	0	-	13.9		20	28		12		41	6	0		
EL DABÂ																			
ALEXANDRIA	130	5	50	00	0	0		14.0	+0.4	18	21	-3	13	-2	46	6	0	258	182
FOUAD (Airport)	130	7	18	02	0	0	-	14.6		16	23		11		54	8	0	258	188
DAMIETTA	140	2		00	0	0	-	15.8	+1.5	19	21		11		73	14	0	315	102
PORT SA'ID	00	0	14	01	1	1	Ac	15.6		17	20		15		64	10	0	68	
EL 'ARISH	140	3	35	01	0	1	Cu	16.7	+2.9	18	19	-5	10	-3	83	15	0		89
DAMANHUR	180	9	7	02	0	0	-	15.8	+1.6	17	24	-2	11	-1	60	9	0	98	96
MANSURA	140	5	35	00	1	0	-	15.5	+0.9	19	25	-3	10	-2	52	9	0	42	50
TANTA	130	8	35	02	0	0	-	16.3	+1.7	16	25	-3	10	-2	68	10	0	30	37
ZAGAZIG	40	5	7	00	0	0	-	15.6	+1.1	17	25	-4	12	0	60	9	0	19	24
ISMA'ILIA	00	0	7	02	0	0	-	15.4		19	24		13		46	7	0	12	
FAROUK (Airport)	90	10	12	00	0	0	-	14.7		21	25				28	2	0		
ALMAZA																			
EZBEKIYA	00	0	15	00	0	0	-	15.0	+0.5	21	24	-5	12	-2	41	7	0	8	24
GÎZA	00	0	15	00	0	0	-	15.4	+0.8	22	25	-3	9	-2	28	3	0	16	23
HELWÂN	70	3	7	00	0	0	-	14.6	+0.5	20	25	-4	14	0	33	3	0	16	26
FAIYÛM	00	0	35	01	0	0	-	15.8	+1.4	17	26	-4	12	-1	60	9	0	6	8
MINYA	00	0	10	00	0	0	-	15.0		18	27		9		43	5	0	5	
ASYÛT MANQABÂD	00	0	18	00	0	0	-	15.2		21	28		13		33	4	0	0	
NAG' HAMMÂDI	00	0	3	00	0	0	-	15.0	+2.1	21	30		11		41	7	0	0	
QENA	270	2	15	00	0	0	-	14.8	+2.3	20	31	-5	15	-1	33	3	0	dr	
LUXOR											30							dr	
ASWÂN	00	0	50	00	0	0	-	14.6	+2.5	21	31	-5	17	-2	35	5	0	dr	
SÎWA	00	0	35	00	0	0	-	13.9	-1.5	20	29	-1	11	-1	69	14	0	dr	8
BAHARÎYA	90	5	35	02	1	3	Ac	15.0	+0.1	21	28	-2	12	-1	33	4	0	dr	7
FARAFRA																		dr	
DAKHLA	00	0	35	00	0	0	-	14.1	+0.4	17	30	-4	12	-3	26	-3	0	dr	
KHARGA	00	0	35	00	0	0	-	15.0	+1.8	22	30	-4	16	0	29	3	0	0	
SUEZ	00	0	35	00	0	0	-	14.8	+0.7	18	25	-3	12	-3	52	8	0	12	15
TÔR																		dr	13
HURGHADA	270	4		00	0	0	-	14.8		22	24		14		27	2	0	7	
QUSEIR	310	9	15	02	0	0	-	14.8	+2.7	23	24	-4	17	-3	38	8	0	0	4
PORT SUDÂN	350	10	30	01	0	1	Ci	13.5		26	29		16		55	16	0	34	95
WÂDI HALFA	00	0	30	00	0	0	-	15.3		20	31		13		26	0	0	tr	
ABU HAMAD	50	9	30	01	1	4	Ci	12.6		24	34		16		30	5	0		
KAREIMA	50	9	30	00	0	0	-	13.3		23	35		18		22	0	0	3	1
'ATBARA	310	5	30	00	0	0	-	11.7		24	36		17		30	5	0	7	3
KHARTÛM	20	11	30	02	0	1	Ci	11.2		25	37		21		24	3	0	10	4
KASSALA	230	2	30	00	0	0	-	8.8		27	39		18		33	9	0	16	10
WÂD MEDANI	360	5	50	00	0	0	-	10.4		26	38		19		16	-2	0	11	13
RENK																	0	0	53
ROSEIRES																	0	3	46
EL OBEID	10	10	30	01	0	1	Ci	11.3		25	35		15		6	-15	0	11	17
EL FÂSHER	20	5	30	00	0	2	Ci			20	35		14		21	-3	0	1	6
GENEINA																	0		6
MALAKÂL	110	4	30	03	1	5	Ac.Cu	10.5		29	40		22		12	-3	0	127	109
WÂU	100	4	30	01	1	4	Ci	9.9		25	39		22		45	12	0	290	206
JUBA	180	2	30	03	2	8	Cu,Ac.Cu	9.7		36	37		25		52	19	0	195	247

HUMIDITY % Mean of day

STATION	on 16th	Diff. from normal
Alexandria	73	+6
Ezbekîya	56	+2
Gîza	52	-4
Helwân	53	+12

GÎZA GRASS MINIMUM TEMP. ON 17th 4.3 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

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

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

UPPER WIND OBSERVATIONS on 16th

STATION	MINYA				MATRUH				PORT-SAID				P. Sudan		Khartoum		El Obeid		El Fasher		Malakal		Kassala			
TIME	15				15	15			14				14		15	15	15		15		15		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	8			10	8			50	12																
600	360	12			120	23			340	8																
1000	360	12			220	13			290	10			350	9			30	6	40	3	30	6	350	10		
1500	300	17			220	10			260	18			270	4	30	11	30	7	10	5	20	5	20	7		
2000	310	15			230	19			260	16			250	9	20	12										
3000					250	26			230	24					360	9	230	6			50	4	10	13		
4000					260	22									280	8										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 17th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ID		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Farouk	
TIME	5		4				4				6 45				9				5				3	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	60	12	250	9			70	9			110	3			50	4			30	4			90	10
600			220	12			110	9			50	7			10	9			40	17			60	10
1000			210	19			120	7			20	10			360	9			10	12			40	9
1500			250	20			360	16			340	8			300	16			10	9			350	17
2000			270	15							360	12			280	17			330	5			340	11
3000											250	8			290	35							260	20
4000																								
5000																							280	47
6000																							280	57
7000																								
8000																								

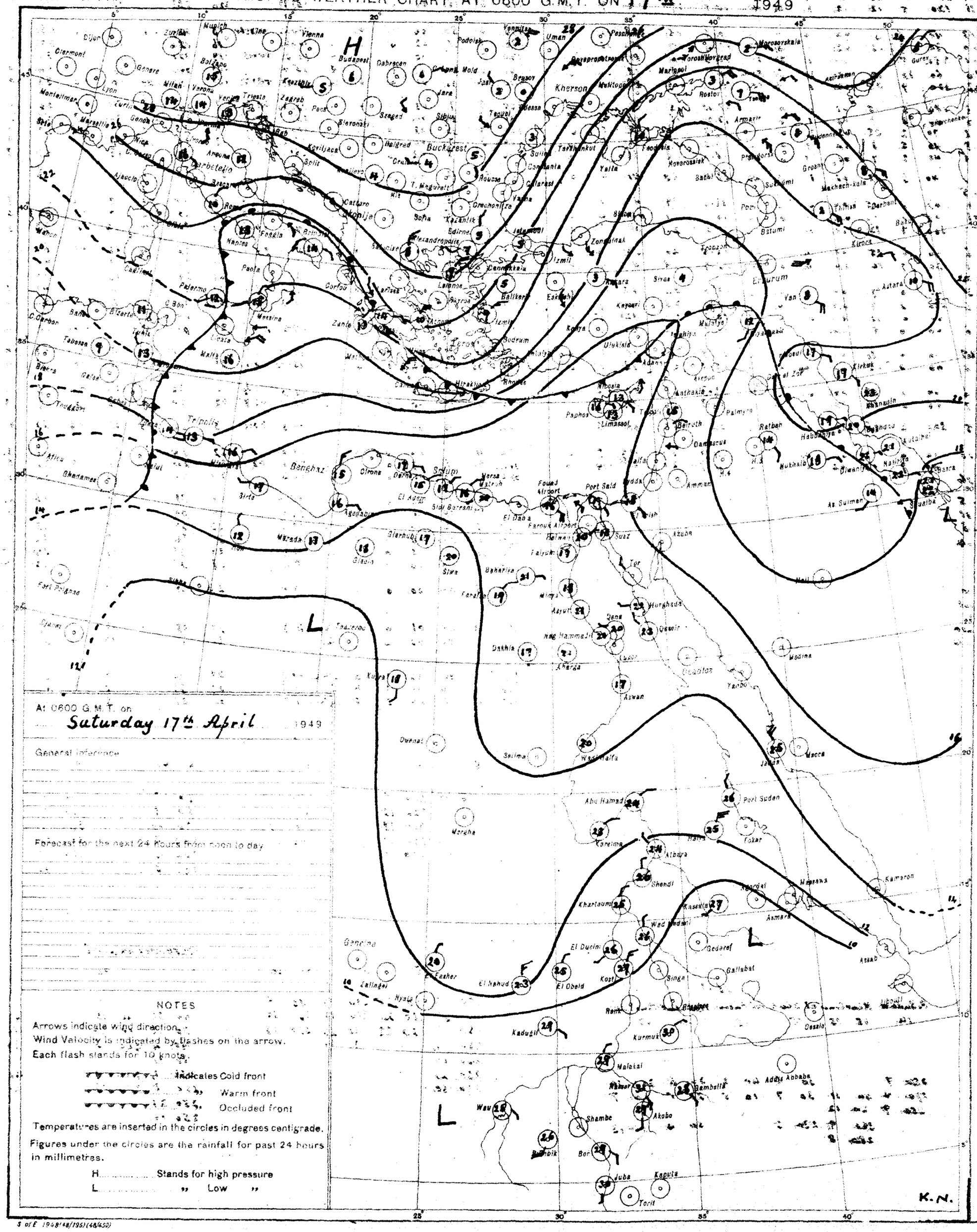
STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		~~KOSHEH~~ ABU HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	5		5		5		5 30				4		3 30				4		4		4 30			
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	150	23	110	20	310	15	30	5																
600	150	23	120	28	310	18	360	10			40	26	30	15			30	6						
1000	150	8	120	22	320	25	350	19			30	19	10	24			10	11	30	25	360	8		
1500	280	4			310	51					40	4	360	5			90	4	50	10	60	16		
2000	260	16									10	15							50	6				
3000	260	20									250	4	260	7			110	8	330	5	170	4		
4000	290	30									250	8	260	13			60	11						
5000											250	21												
6000											250	10												
7000																								
8000																								

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

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 17th 1949



At 0600 G.M.T. on
Saturday 17th April 1949

General inference

Forecast for the next 24 hours from noon to day

NOTES

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

Indicates Cold front
" Warm front
" Occluded front

Temperatures are inserted in the circles in degrees centigrade.

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

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air or sand raised by wind	06
		07
	Dust devil	08
	Duststorm or sandstorm within sight 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 and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
		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 haze (vis less than 1000 m.)	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

S of E 1948(48/195)(48/450)

SCALE 1:15,000,000

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 No 7 F.

DAILY WEATHER REPORT

Date: MONDAY 18TH APRIL, 1949

At 1200 on Sunth

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms.
MEDITERRANEAN	62300	SALUM	40	12	7	02	2	8	Ac	14.8	18	73	13	0
	62303	SÎDI BARÂNI	20	9	50	02	2	8	Sc.Cu	15.5	17	88	15	0
	62306	MATRÛH												
	62309	EL DABA	60	10		00	0	0	-	14.0	24	32	6	
		ALEXANDRIA	40	9	50	01	1	3	Sc.Cu	12.9	25	42	11	0
	62318	FOUAD (Airport)	240	4	14	02	0	0	-	12.2	29	35	12	0
	62330	DAMIETTA	110	5	15	00	0	0	-	14.8	23	32	5	0
	62333	PORT SA'ID	80	8	30	02	0	0	-	15.2	19	68	13	0
	62336	EL 'ARISH	360	9	35	01	0	0	-	15.8	19	73	14	0
LOWER EGYPT	62339	DAMANHUR	270	5	15	02	0	0	-	14.2	28	27	7	
	62342	MANSURA	140	5	35	00	0	0	-	13.9	28	27	7	
	62348	TANTA	270	2	35	02	0	0	-	13.8	29	29	9	
	62354	ZAGAZIG	40	2	15	00	0	0	-	13.1	27	33	9	
	62441	ISMA'ILIA	200	2	15	02	0	0	0	14.3	27	35	10	
CAIRO AREA	62366	FAROUK (Airport)	00	0	30	00	0	0	-	13.6	28	16	0	
	62372	ALMAZA	180	5	30	00	0	0	-	13.3	28	19	2	
		EZBEKIYA	270	4	35	00	0	0	-	13.6	28	27	7	
		GIZA	270	4	35	00	0	0	-	13.9	29	19	3	
	62378	HELWAN	250	5	7	02	0	0	-	13.0	29	19	3	
UPPER EGYPT	62381	FAIYUM	00	0	35	02	0	0	-	14.0	28	22	4	
	62387	MINYA	10	4	12	00	0	0	-	13.3	30	21	5	
	62393	ASYUT MANQABAD			30	00	0	0	-	12.7	30	16	1	
	62399	NAG' HAMMADI	00	0	7	00	0	0	-	12.8	31	22	7	
	62402	QENA	320	2	50	00	0	0	-	12.6	33	21	8	
	62405	LUXOR	250	5	30	00	0	0	-	12.5	32	15	2	
	62414	ASWAN	340	6	50	00	0	0	-	11.9	33	20	7	
OASES	62417	SIWA	00	0	35	00	0	0	-	13.4	33	32	14	
	62420	BAHARIYA	180	4	35	02	1	4	Ac	13.0	30	16	1	
	62423	FARAFRA	130	4	35	03	2	7	Ci	11.8	34			
	62432	DAKHLA	180	3	50	00	0	0	-	13.1	32	10	-3	
	62435	KHARGA	00	0	35	00	0	0	-	13.5	32	24	9	
RED SEA	62450	SUEZ	00	0	35	02	0	0	-	13.4	27	33	9	
	62459	TOR	310	3	50	00	0	0	-	14.3	25	42	11	
	62462	HURGHADA	60	4		00	0	0	-	14.2	25	51	14	
	62465	QUSEIR	40	9	15	02	0	0	-	14.6	23	65	16	
	62641	PORT SUDAN												
NORTH SUDAN	62600	WADI HALFA												
	62640	ABU HAMAD												
	62660	KAREIMA												
	62680	'ATBARA												
	62721	KHARTUM												
	62780	KASSALA												
CENTRAL SUDAN	62751	WAD MEDANI												
	62801	RENK												
	62802	ROSEIRES												
	62771	EL OBEID												
	62760	EL FASHER												
	62770	GENEINA												
S. SUDAN	62840	MALAKAL												
	62880	WAU												
	62941	JUBA												

At 1800 on Sun 17th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs.	Temperature °C	Humidity %	Dew Point °C
SALUM	360	6	30	02	2	8	Sc	17.0	15	77	11
SIDI BARANI	20	12	35	01	2	7	Sc.Cu	17.4	12	95	12
MATRUH											
EL DABA	40	9		00	0	0	-	12.3	22	36	6
ALEXANDRIA	40	5	3	03	2	5	Sc.Cu	12.0	21	57	12
FOUAD (Airport)	30	7	13	02	0	4	Ac	13.0	19	68	13
DAMIETTA	320	5		00	0	0	-	13.5	18	60	10
PORT SA'ID	90	14	18	03	0	1	Ac	13.7	17	77	13
EL 'ARISH			7	01	0	0	-	15.2	16	77	12
DAMANHUR	310	9	15	02	0	0	-	12.8	21	50	10
MANSURA	40	2	3	00	0	0	-	13.4	18	73	13
TANTA	270	18	35	02	0	0	-	12.4	24	32	6
ZAGAZIG	40	9	3	00	0	0	-	12.8	21	57	12
ISMA'ILIA	70	5	7	02	0	0	-	13.1	22	36	6
FAROUK (Airport)	60	12	12	01	1	2	Ac	12.2	25	26	4
ALMAZA	40	10	12	03	1	3	Ac	12.2	25	28	5
EZBEKIYA	00	0	15	00	0	0	-	13.0	21	33	4
GIZA	00	0	15	00	0	0	-	13.1	21	53	11
HELWAN	290	5	15	01	0	0	-	12.0	24	26	3
FAIYUM	00	0	35	02	0	0	-	12.2	23	44	10
MINYA	00	0	12	00	0	0	-	12.3	22	44	9
ASYUT MANQABAD											
NAG' HAMMADI	00	0	7	00	0	0	-	12.3	22	56	11
QENA	270	2	7	00	0	0	-	11.9	26	37	10
LUXOR	360	2	12	00	0	0	-	12.1	26	25	4
ASWAN	00	0	50	00	0	0	-	11.4	29	19	3
SIWA	40	13	7	00	0	0	-	14.6	25	54	15
BAHARIYA	90	4	15	02	1	0	-	10.7	25	22	2
FARAFRA	130	8	7	01	1	0	-	10.0	24		
DAKHLA	250	6	35	03	0	0	-	11.3	29	9	-7
KHARGA	00	15	00	00	0	0	-	12.7	26	37	10
SUEZ	00	0	15	02	0	0	-	12.7	23	32	5
TOR	310	3	35	00	0	0	-	13.0	22	74	17
HURGHADA	160	8		00	0	0	-	14.1	22	50	11
QUSEIR	90	9	15	02	0	0	-	14.3	22	83	19
WADI HALFA											
ABU HAMAD											
KAREIMA											
'ATBARA											
KHARTUM											
KASSALA											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FASHER											
GENEINA											
MALAKAL											
WAU											
JUBA											

At 0600 on MONDAY 18th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs.	Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	360	10	7	01	2	3	Ac	17.6		14	20		11		55	5	0		
SIDI BARANI	340	7	50	01	2	5	Sc.Cu	18.2		14	18		13		67	8	0	273	
MATRUH																			
EL DABA	320	8		01	1	3	Cu	15.8		14	25		13		55	5	0		
ALEXANDRIA	310	15	50	02	2	5	Sc.Cu	14.8	+0.4	15	26	+2	14	-1	59	7	0	258	182
FOUAD (Airport)	340	17	15	01	2	4	Sc.Ac	14.8		16	30		13		59	8	0	258	138
DAMIETTA	20	4		03	2	7	Cu.Sc	13.6	-0.6	16	25		14		77	12	0	315	162
PORT SA'ID	10	18	14	03	2	7	Cu.Ac	12.3		17	20		16		83	14	0	68	
EL 'ARISH	320	9	35	03	2	4	Cu	10.3	-3.5	20	21	-3	12	-1	73	15	0		89
DAMANHUR	360	19	7	03	1	7	Ac	14.4	+0.2	16	30	+3	14	+1	59	8	0	98	96
MANSURA	40	9	35	03	1	6	Sc.Cu	13.3	-1.2	18	30	+2	14	+1	73	13	0	42	50
TANTA	360	22	35	03	2	6	Cu	14.7	+0.1	17	29	0	13	+1	68	11	0	30	38
ZAGAZIG	320	9	7	01	2	6	Cb	14.2	-0.3	18	29	0	16	+4	83	15	0	19	26
ISMA'ILIA	340	9	3	01	1	3	Ac	12.3		20	29		17		64	13	0	12	
FAROUK (Airport)	340	12	18	02	2	6	Sc	13.8		17	30		16		72	12	0		
ALMAZA	360	13	14	02	2	6	Sc	13.1	-1.5	17	29		15		77	13	0		
EZBEKIYA	360	13	15	03	0	6	Sc	13.6	-0.8	18	29	0	15	+1	73	13	0	8	24
GIZA	360	13	15	03	0	6	Sc	13.8	-0.7	17	29	0	14	+3	68	11	0	16	23
HELWAN	340	12	15	00	1	4	Cu	13.0	-1.0	17	29	0	15	+1	68	11	0	16	26
FAIYUM	360	12	7	07	3	0	-	12.6	-1.7	18	30	0	15	+2	60	10	0	6	8
MINYA	20	18	10	00	0	0	-	11.2		18	30		13		60	10	0	5	
ASYUT MANQABAD	270	8	30	02	0	0	-	10.9		23	32		15		39	8	0	0	
NAG' HAMMADI	00	0	3	00	0	0	-	10.4	-2.4	25	32		14		47	13	0	0	
QENA	90	9	15	00	0	0	-	10.4	-2.0	24	35	-1	15	-1	32	6	0	dr	
LUXOR											34							dr	
ASWAN	200	3	50	00	0	0	-	11.6	-0.6	24	34	-2	19	-1	32	6	0	dr	
SIWA	360	6	35	00	0	0	-	13.8	+3.5	15	34	+4	11	-1	68	9	0	dr	8
BAHARIYA	360	9	35	02	0	0	-	13.9	-1.0	17	31	0	14	+1	60	9	0	dr	7
FARAFRA	360		7	06	3			14.7		18	35		14				0		
DAKHLA	270	18	3	07	3	0	-	11.8	-1.9	19	34	0	16	+1	46	7	0	dr	
KHARGA	00	0	35	00	0	0	-	11.6	-1.5	24	33	-1	14	-2	32	6	0	0	
SUEZ	360	17	35	00	0	0	-	11.2	-2.8	21	29	0	18	+3	57	12	0	12	15
TOR	160	1	35	00	0	0	-	10.2	-1.4	25	27	-1	17		42	11	0	dr	13
HURGHADA	80	12		00	0	0	-	11.1		22	25	-4	16		78	13	0	7	
QUSEIR	140	13	15	02	0	0	-	12.3	+0.2	23	24	-4	17	-3	65	16	0	0	4
PORT SUDAN	360	6	50	03	0	8	Cu	13.4		27	31		18		33	11	0	34	76
WADI HALFA	160	2	30	00	0	0	-	12.8		25	35		17		16	-3	0	Cu	
ABU HAMAD	50	2	30	03	1	6	Ci	11.7		27	38		17		17	0	0		
KAREIMA	90	2	30	03	2	8	Ci	11.8		24	37		18		30	5	0	3	1
'ATBARA	360	5	30	02	0	1	Ci	10.7		25	37		18		21	1	0	7	3
KHARTUM	20	8	30	02	0	5	Cu	10.5		27	38		21		17	0	0	10	4
KASSALA	90	2	30	00	0	0	-	7.2		30	40		16		33	12	0	16	10
WAD MEDANI	50	5	50	02	0	0	-	7.5		28	41		21		19	2	0	11	13
RENK																		0	53
ROSEIRES	260	5	35	00	0	0	-			26	42		20		62	18	0	3	47
EL OBEID	350	3	30	03	0	3		10.6		25	37		20		10	-9	0	11	18
EL FASHER	10	5	30	01	1	5	Cu			21	37		16		23	-1	0	1	6
GENEINA	10	7	30	01	2	3	Ci			25	39		19		28	5	0		6
MALAKAL	120	2	30	00	0	0	-	10.5		29	40		21		35	12	0	127	110
WAU	00	0	30	02	1	7	Ac.Ci	7.8		23	38		21		61	15	0	290	208
JUBA	70	5	30	02	2	5	Sc.Cu	11.6		28	37		24		55	18	dr	195	251

HUMIDITY

Mean % of day

STATION	on 17th	Diff. from normal
Alexandria	50	-17
Ezbeklya	35	-19
Giza	37	-19
Helwân	22	-19

GIZA GRASS MINIMUM TEMP. ON 18th 10.0 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks .....

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

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

UPPER WIND OBSERVATIONS on 17th

Height m.	Port Said Dir.	Vel.
300	80	6
600	210	3
1000	270	3
1500	290	5
2000	270	11
3000	250	21
4000	230	15
5000		
6000		
7000		
8000		

UPPER WIND OBSERVATIONS on 18th

Height m.	Sidi Barani Dir.	Vel.	Matrûh Dir.	Vel.	Fouad Airport Dir.	Vel.	Port Said Dir.	Vel.	El 'Arish Dir.	Vel.	Helwân Dir.	Vel.	Minya Dir.	Vel.	Asyut Manqabad Dir.	Vel.	Luxor Dir.	Vel.	Aswân Dir.	Vel.	Hurghada Dir.	Vel.	Farouk Dir.	Vel.
STATION	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SA'ID		EL 'ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA		Farouk	
TIME	5						4				6 45				9				5		9		3	
300	350	16					10	28			360	23			300	16			100	6	140	11	360	18
600	350	17					10	9			360	31			290	15			170	21	160	24	350	20
1000	350	14					240	14			10	20			300	19			200	20	220	19	340	15
1500							260	21			270	6			290	17			230	18	240	23	230	15
2000											Entcu								250	19	220	25	230	18
3000																							220	37
4000																								
5000																							250	50
6000																							240	78
7000																								
8000																								

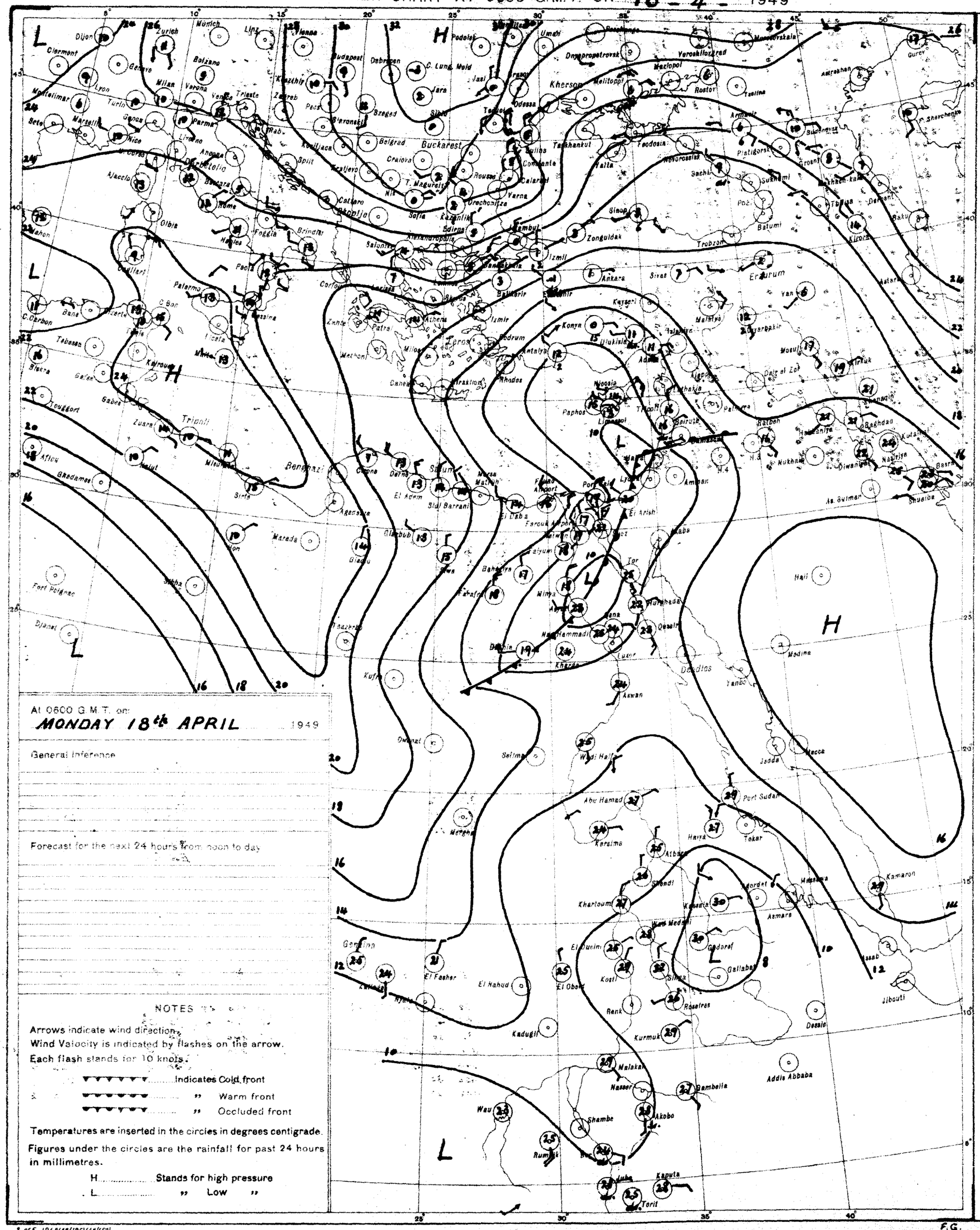
Height m.	Siwa Dir.	Vel.	Bahariya Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Wâdi Halfa Dir.	Vel.	Abû Hamad Dir.	Vel.	Kareima Dir.	Vel.	Khartûm Dir.	Vel.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fâsher Dir.	Vel.	Malakâl Dir.	Vel.
STATION	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME	5		5		5		5		5		4 30				4		4		3 45		4 15		4	
800	30	22	10	29	290	25	70	4	120	25														
600	40	27	10	39			20	21	60	4	70	23			20	27	360	4					10	3
1000	30	36	10	16			10	12	240	3	50	18			20	27	360	5	30	23	30	4	30	7
1500	320	38	350	18			350	17	230	3	20	17			20	17	350	4	40	14	80	11	50	11
2000	300	35	330	31							360	9			350	4	320	6						
3000	300	30							320	13					230	7			310	3	360	5	50	10
4000	320	30													330	2							50	8
5000																								
6000																								
7000																								
8000																								

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

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 18 - 4 - 1949



At 0600 G.M.T. on:
MONDAY 18th APRIL 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

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

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

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

H Stands for high pressure
L " Low "

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air or sand raised by wind	06
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	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		0
Cirrus	Ci	1
Cirrostratus	Cs	2
Cirrocumulus	Cc	3
Altocumulus	Ac	4
Altostratus	As	5
Stratocumulus	Sc	6
Nimbostratus	Ns	7
Cumulus or Fractocumulus	Cu or Fc	8
Cumulonimbus	Cb	9
Stratus or Fractostratus	St or Fs	0

AMOUNT OF CLOUD

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

S of E 1948(48/195)(46/450)

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 No 7 F.

DAILY WEATHER REPORT

Date: Tuesday 19th April, 1949

At 1200 on Mon 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	360	12	7	02	0	3	Ac	18.3	17	42	4
	62303	SIDI BARANI	320	8	50	01	1	1	Cu	19.1	15	59	7
	62306	MATRUH	350	13	18	02	1	5	Cb	13.4	16	45	4
	62309	EL DABA	320	12		01	1	3	cb	16.6	16	49	5
		ALEXANDRIA	310	11	50	03	2	5	Sc.Cu	16.4	16	49	5
	62318	FOUAD (Airport)	310	17	18	02	0	3	Sc	15.6	18	46	6
	62330	DAMIETTA	360	5	15	01	1	1	Cu	14.4	17	60	9
	62333	PORT SA'ID	340	16	18	03	2	4	Sc	14.1	16	68	10
	62336	EL 'ARISH	320	9	35	02	1	3	Cu	12.7	19	83	16
Lower Egypt	62339	DAMANHUR	360	13	15	01	1	1	Cu	15.4	18	52	8
	62342	MANSURA	360	5	35	01	1	2	Cu	13.3	20	46	8
	62348	TANTA	310	5	35	01	1	2	Cu	13.9	20	46	8
	62354	ZAGAZIG	320	5	15	00	1	0	-	14.2	23	44	10
	62441	ISMA'ILIA	360	9	7	02	0	0	-	13.6	21	41	7
Cairo Area	62366	FAROUK (Airport)	350	14	30	00	0	0	-	13.3	22	44	9
	62372	ALMAZA	20	12	30	01	1	0	-	13.4	21	33	10
		EZBEKIYA	360	8	35	01	2	1	Cu	13.9	22	44	9
		GIZA	360	8	35	01	2	1	Cu	14.0	22	39	8
	62378	HELWAN	340	5	35	00	1	0	-	13.5	22	36	6
Upper Egypt	62381	FAIYUM	360	8	35	01	3	0	-	13.5	23	38	8
	62387	MINYA	20	18	7	07	0	0	-	12.6	27	33	4
	62393	ASYUT MANGABAD	340	12	18	00	0	0	-	11.7	28	25	6
	62399	NAG' HAMMADI	320	9	3	00	0	0	-	10.0	32	15	2
	62402	QENA	290	19	35	03	3	6	Cu	9.0	35	8	-4
	62405	LUXOR											
	62414	ASWAN	320	4	50	00	0	0	-	8.8	37	14	6
Oases	62417	SIWA	270	5	35	00	0	0	-	18.4	23	50	12
	62420	BAHARIYA	320	3	35	02	0	0	-	14.6	24	26	3
	62423	FARAFRA											
	62432	DAKHLA	320	18	15	07	3	0	-	12.7	27	27	6
	62435	KHARGA	340	3	35	00	0	0	-	12.0	31	22	7
Red Sea	62450	SUEZ	360	17	35	02	0	0	-	11.2	22	50	11
	62459	TOR	160	4	35	00	0	0	-	11.6	26	42	12
	62462	HURGHADA	90	10		00	0	0	-	8.9	25	70	19
	62465	QUSEIR	140	13	15	02	0	0	-	9.4	25	84	22
	62641	PORT SUDAN	60	11	30	03	1	6	Cu	9.6	26	58	17
North Sudan	62600	WADI HALFA	310	10	10	05	0	0	-	8.4	40	6	-5
	62640	ABU HAMAD	20	5	30	00	0	8	Cu	6.4	38	9	-1
	62660	KAREIMA	20	11	10	03	2	8	Cu	7.0	39	7	-4
	62680	'ATBARA											
	62721	KHARTUM											
	62730	KASSALA	360	9	50	00	0	0	-	1.9	43	9	4
Central Sudan	62751	WAD MEDANI	310	5	35	00	0	0	-	3.1	41	14	8
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID											
	62760	EL FASHER	50	9	30	01	1	3	Cu		37	13	4
	62770	GENEINA	50	4	30	01	1	4	Cu		37	8	-3
S. Sudan	62840	MALAKAL	290	4	30	02	0	1	Cu	4.6	40	8	0
	62880	WAU	00	4	30	01	1	3	Cu.Ac	3.2	40	17	11
	62941	JUBA	50	2	30	02	2	8	Cu.Ac	7.3	35	30	15

At 1800 on Mon 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	220	4	7	13	0	0	-	17.8	15	48	4	0
SIDI BARANI	280	2	50	01	0	0	-	18.3	13	77	9	0
MATRUH	300	1	18	00	0	0	-	19.2	13	51	3	0
EL DABA	220	11		01	0	-			15	48	4	0
ALEXANDRIA	310	12	3	01	2	6	Sc,Cu	17.8	14	72	9	0
FOUAD (Airport)	320	11	18	01	1	3	Sc	17.7	14	48	3	0
DAMIETTA	320	5		02	1	1	Cu	16.4	14	69	8	0
PORT SA'ID	310	15	18	02	1	1	Sc	16.1	15	55	1	0
EL 'ARISH	320	2	7	02	1	2	Cu	16.2	17	60	9	-
DAMANHUR	360	9	15	02	0	0	-	15.8	14	72	10	0
MANSURA	360	2	3	00	0	0	-	17.4	13	59	5	0
TANTA	220	13		03	1	5	Cu	17.2	14	55	5	0
ZAGAZIG	320	5	3	00	0	0	-	17.1	14	72	8	0
ISMA'ILIA	70	5	7	02	0	0	-	18.0	16	49	5	0
FAROUK (Airport)	320	14	14	00	0	0	-	16.8	16	59	8	0
ALMAZA	320	11	18	00	0	0	-	17.1	15	63	8	0
EZBEKIYA	360	14	15	00	0	0	-	16.4	16	59	8	0
GIZA	360	14	15	00	0	0	-	17.2	15	56	6	0
HELWAN	340	14	15	02	0	0	-	16.6	16	49	5	0
FAIYUM	360	8	35	02	0	0	-	16.8	17	42	4	0
MINYA	20	9	10	00	0	0	-	15.6	17	42	4	0
ASYUT MANGABAD												
NAG' HAMMADI	320	3	3	00	0	0	-	13.3	23	41	9	0
QENA	290	6	7	00	0	0	-	12.2	27	27	6	0
LUXOR	320	11	12	00	0	0	-	12.2	27	27	6	0
ASWAN	360	10	50	00	0	0	-	11.9	33	16	4	0
SIWA	00	0	7	00	0	0	-	18.3	17	52	7	0
BAHARIYA	320	4	15	02	0	0	-	16.6	19	30	1	0
FARAFRA												
DAKHLA	270	4	15	00	0	0	-	13.8	24	26	3	0
KHARGA	00	0	15	00	0	0	-	14.2	25	28	5	0
SUEZ	360	8	15	02	0	0	-	15.1	17	52	7	0
TOR	310	3	35	00	0	0	-	16.6	22	53	12	0
HURGHADA	310	23		00	0	0	-	10.4	23	65	16	0
QUSEIR	330	13	15	02	0	0	-	9.5	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 Tuesday 19th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	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	7	01	0	2	St	18.3		12	18		7		55	3	dr		
SIDI BARANI	320	15	50	03	6	5	Cu	18.2		12	16		8		63	5	3	276	
MATRUH	340	15	13	02	2	6	cb	16.3		12	18		8		67	6	1		
EL DABA	320	11		01	1	3	cb	16.6		15	17		8		39	1	0		
ALEXANDRIA	310	35	50	03	2	6	cb	13.3	-1.1	13	18	-6	11	-4			1	259	182
FOUAD (Airport)	260	20	12	02	2	6	Cu	12.5		14	19		10		55	5	1	259	138
DAMIETTA	200	13		03	2	6	Sc	12.3	-1.9	14	18		5		55	5	0	315	102
PORT SA'ID	220	23	18	03	0	3	Ac,Cu	12.5		15	17		12		55	6	0	68	
EL 'ARISH	220	5	35	01	0	0	-	14.4	+0.6	16	20	-4	10	-3	68	10	0		89
DAMANHUR	310	24	7	03	6	6	Cu,Sc	13.9	-0.2	14	19	-8	8	-5	67	8	0.1	98	97
MANSURA	220	15	15	07	1	6	Sc,Cu	12.8	-1.7	14	21	-7	6	-7	55	5	0	42	50
TANTA	220	28	35	03	2	7	Cu	15.1	+0.6	14	21	-2	6	-6	55	5	0	30	32
ZAGAZIG	220	9	7	00	0	0	-	14.4	-0.1	15	24	-5	8	-4	59	7	0	19	26
ISMA'ILIA	250	9	3	02	0	0	-	13.9		16	22		10		32	-1	0	12	
FAROUK (Airport)	250	16	18	02	0	1	Cu	14.7		15	23				55	6	0		
ALMAZA	230	19	12	03	0	1	Ac	14.7	+0.3	15	23		9		48	4	0		
EZBEKIYA	270	17	15	00	0	1	Sc	15.8	+1.4	16	23	-6	10	-4	42	3	0	8	24
GIZA	270	17	15	00	0	1	Sc	15.6	+1.2	17	23	-6	6	-5	39	3	0	16	23
HELWAN	180	6	3	06	0	0	-	15.5	+1.5	13	23	-6	9	-6	67	7	0	16	26
FAIYUM	290	5	35	02	0	0	-	16.4	+2.2	15	24	-6	9	-4	59	7	0	6	8
MINYA	200	5	10	00	0	0	-	16.7		14	28		7		55	5	0	5	
ASYUT MANGABAD	00	0	18	00	0	0	-	16.4		15	28		10		55	6	0	0	
NAG' HAMMADI											32							0	
QENA	270	5	15	00	0	0	-	15.0	+2.7	19	37	+1	13	-4	46	7	0	dr	
LUXOR											38							dr	
ASWAN	360	11	50	00	0	0	-	13.9	+1.8	22	39	+3	20	0	53	12	0	dr	
SIWA	320	7	35	00	0	0	-	20.3	+5.0	13	25	-5	9	-3	67	7	0	dr	8
BAHARIYA	270	2	35	02	0	3		17.2	+2.4	16	26	-5	7	-6	42	3	0	dr	7
FARAFRA	00	0	35	02	0	0	-	18.4		18			d				0	dr	
DAKHLA	270	10	35	00	0	0	-	16.4	+2.8	17	30	-4	11	-4	26	-3	0	dr	
KHARGA	360	1	35	00	0	0	-	16.4	+3.4	18	31	-3	11	-5	46	6	0	0	
SUEZ	00	0	35	00	0	0	-	14.2	+0.2	17	25	-4	11	-4	52	7	0	12	15
TOR	310	1	35	00	0	0	-	14.3	+2.2	22	28	0	15	-2	-	-	0	dr	13
HURGHADA	310	24		00	0	0	-	13.7		18	26		16		68	12	0	7	
QUSEIR	360	19	15	02	0	0	-	13.4	+1.4	20	26	-2	17	-3	64	12	0	0	4
PORT SUDAN	320	3	50	00	0	0	-	10.1		27	32		20		66	20	0	34	96
WADI HALFA	10	9	10	05	0	0	-	12.6		24	41		19		28	4	0	h	
ABU HAMAD	50	13	30	00	0	0	-	9.2		28	40		24		19	2	0		
KAREIMA	70	8	4	05	0	0	-	10.2		27	40		23		17	0	0	3	1
'ATBARA	360	9	30	00	0	0	-	8.7		28	41		21		19	2	0	7	3
KHARTUM	30	19	10	03	0	0	-	7.7		30	40		22		13	-1	0	10	4
KASSALA	20	9	30	00	1	0	-	5.4		31	43		21		38	15	0	16	10
WAD MEDANI	50	9	50	00	0	2	St	7.4		30	42		21		9	-6	0	11	13
RENK																		0	53
ROSEIRES	250	5	35	00	0	0	-			33	43		24		14	2	0	3	47
EL OBEID	360	10	30	01	1	0	-	7.4		31	39		22		8	-8	0	11	18
EL FASHER	340	2	30	00	0	0	-			21	38		16		28	2	0	1	6
GENEINA	50	7	30	00	0	1	Cu			23	39		18		10	-11	0		6
MALAKAL	00	0	30	03	0	2	Cu	8.4		29	41		23		49	17	0	127	111
WAU	170	1	30	00	1	1	Cu	8.0		28	40		25		55	18	0	290	210
JUBA	180	9	30	03	2	7	cs	7.0		30	37		22		49	18	0	195	255

HUMIDITY

Mean % of day

Station	on 18th	Diff. from normal
Alexandria	60	-7
Ezbekiya	59	+6
Giza	59	+4
Helwân	55	+15

GIZA

GRASS MINIMUM TEMP. ON 17th 1.6 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

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

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

UPPER WIND OBSERVATIONS on 18th

Height m.	Port-Said Dir.	Port-Said Vel.	Fouad A.P Dir.	Fouad A.P Vel.
Station	Port-Said		Fouad A.P	
Time	14		15	
300	310	12	310	16
600	320	9	320	16
1000	340	6	330	16
1500	40	12	330	17
2000	40	5		
3000				
4000				
5000				
6000				
7000				
8000				

UPPER WIND OBSERVATIONS on 19th

Station	Sidi Barani Dir.	Sidi Barani Vel.	Matruh Dir.	Matruh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arish Dir.	El 'Arish Vel.	Helwan Dir.	Helwan Vel.	Minya Dir.	Minya Vel.	Asyut Mangabad Dir.	Asyut Mangabad Vel.	Luxor Dir.	Luxor Vel.	Aswan Dir.	Aswan Vel.	Hurghada Dir.	Hurghada Vel.	Almaza Dir.	Almaza Vel.
Time	5		4	15	5		3				6	45			9				5				8	
300	330	26	320	30	290	38	210	16			260	15			300	12			10	15			260	30
600	330	33	310	20	290	27	220	16			280	13			300	13			10	14			260	22
1000	330	36	320	23	290	33	250	24			280	29			300	19			20	17			260	21
1500	330	23	320	20							260	26			300	25			330	16				
2000															290	29			270	21				
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wadi Halfa Dir.	Wadi Halfa Vel.	Abu Hamad Dir.	Abu Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartum Dir.	Khartum Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fasher Dir.	El Fasher Vel.	Malakal Dir.	Malakal Vel.
Time	5		5		5		5												4		4	30	4	
300	330	30	250	14	310	14	60	3																
600	340	35	280	21	330	16	360	12															220	12
1000	340	33			330	19	340	14											30	31	30	12	230	12
1500	310	33			320	22													20	15	50	17	280	5
2000																			270	1			10	9
3000																							360	15
4000																							80	2
5000																							130	21
6000																							130	6
7000																								
8000																								

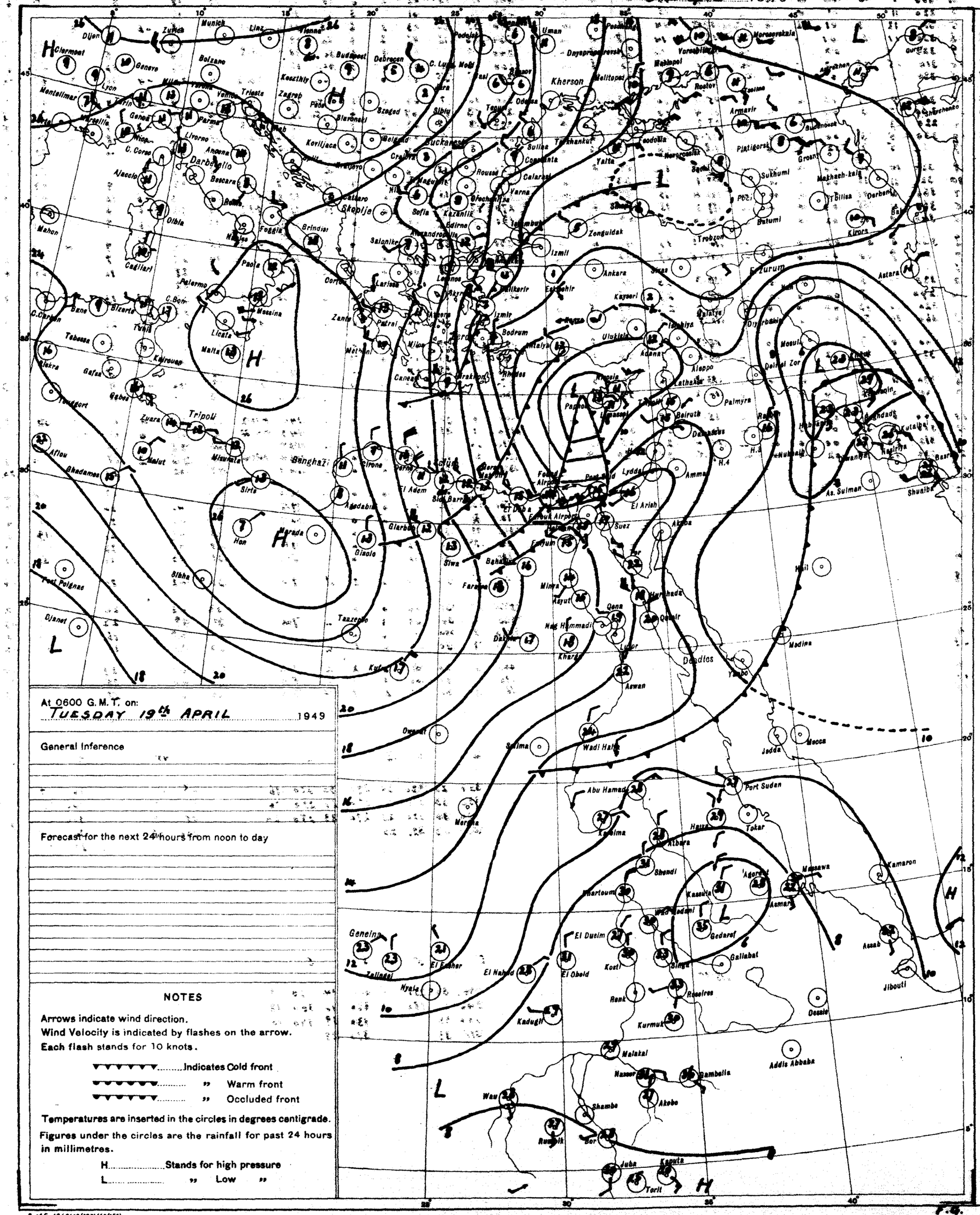
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 19 - 4 - 1949


Clermont
Dijon
Zurich
Munich
Linz
Vienna
Budapest
Debrecen
Kherson
Odessa
Bucharest
Sofia
Skopije
Salonika
Izmir
Ankara
Zonguldak
Trebzon
Erzurum
Tiflis
Baku
Rostov
Sukhumi
Batumi
Kirova
Astara
Tripoli
Benghazi
Malta
Palermo
Messina
Cagliari
Marseille
Genoa
Milan
Rome
Naples
Bari
Brindisi
Corfu
Larissa
Athens
Rhodes
Crete
Cairo
Alexandria
Port Said
Suez
Aqaba
Jerusalem
Beirut
Damascus
Aleppo
Palmyra
Baghdad
Basra
Mosul
Kirkuk
Khartoum
Port Sudan
Massawa
Asmara
Kamaron
Aden
Jibouti
Addis Abbaba
Dessie
Gambella
Malakal
Wau
Juba
Torit
Kassala
Gedaref
Gallabat
Khartoum
Omdurman
Wadi Halfa
Aswan
Luxor
Qena
Hurghada
Kharga
Dakhla
Madina
Mecca
Jedda
Yambo
Tanzeno
Kufra
Sirte
Tobruk
Derna
Bengasi
Gizolo
Siwa
Bahariya
Farafra
Minya
Asyut
Hag Hammadi
Port Polignac
Djanet
Ouargla
Biskra
Tunis
Bizerte
Palermo
Malta
Messina
Licata
Cagliari
Mahon
Marseille
Nice
Genoa
Milan
Parma
Venice
Trieste
Zagrab
Belgrad
Sofia
Salonika
Athens
Crete
Rhodes
Cairo

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 No 7 F.

DAILY WEATHER REPORT

Date: WEDNESDAY 20th APRIL, 1949

At 1200 on Tues 19th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM											
	62303	SÎDI BARÂNI											
	62306	MATRÛH	320	26	18	02	1	6	Sc	17.3	16	42	3
	62309	EL DABA	320	17		01	1	3	Cu	16.4	15	48	4
		ALEXANDRIA	310	26	50	02	6	4	Cb	14.0	14	42	3
	62318	FOUAD (Airport)	250	24	14	25	8	4	Cu.Sc	13.9	12	77	8
	62330	DAMIETTA	220	30	7	50	3	8	Cu.Sc	13.8	11	77	7
	62333	PORT SA'ID	280	28	8	07	1	5	Cu.Sc	12.5	16	42	3
	62336	EL 'ARISH	270	13	7	06	2	7	St	12.8	17	88	15
Lower Egypt	62339	DAMANHUR	310	30	7	25	6	6	Cu.Sc	14.7	13	77	9
	62342	MANSURA	270	13	15	03	3	7	Sc.Cu	13.5	16	42	3
	62348	TANTA	220	28	35	01	2	6	Cb	13.7	19	37	4
	62354	ZAGAZIG	220	9	15	02	1	4	Ac	13.6	19	37	4
	62441	ISMA'ILIA	290	7		03	2	6	Sc	14.0	19	23	-3
Cairo Area	62366	FAROUK (Airport)	290	13	12	03	1	4	Sc	14.0	19	42	6
	62372	ALMÂZA	270	17	18	02	0	6	Fs.Fc	14.1	18	39	4
		EZBEKÎYA	270	11	15	03	0	4	Fs.Fc	14.4	19	30	1
		GÎZA	270	11	15	03	0	4	Fs.Fc	14.8	19	23	-2
	62378	HELWÂN	270	16	7	03	1	6	Cu	14.3	18	22	-1
Upper Egypt	62381	FAIYÛM	330	12	35	03	1	4	Cu.Sc	15.5	19	46	7
	62387	MINYA	310	20	12	00	0	0	-	15.6	23	18	-3
	62393	ASYÛT MANQABÂD	320	12	30	00	0	0	-	14.4	23	19	-2
	62399	NAG' HAMMÂDI	320	4	7	00	0	0	-	12.8	25	22	2
	62402	QENA	290	5	50	00	0	0	-	12.6	28	16	0
	62405	LUXOR											
	62414	ASWÂN	360	6	50	00	0	0	-	11.8	29	19	3
Oases	62417	SÎWA	320	17	35	00	0	0	-	20.6	18	52	8
	62420	BAHARÎYA	320	3	35	02	0	0	-	16.3	20	24	-1
	62423	FARAFRA											
	62432	DAKHLA	320	9	50	00	0	0	-	14.6	24	15	-5
	62435	KHARGA	320	2	35	00	0	0	-	14.4	26	18	0
Red Sea	62450	SUEZ	330	8	35	03	3	4	Cu	12.6	21	26	1
	62459	TÔR	310	6	35	00	0	0	-	12.8	24	21	0
	62462	HURGHADA	360	20		00	0	0	-	11.7	21	53	11
	62465	QUSEIR	360	19	15	02	0	0	-	12.7	23	50	12
	62641	PORT SUDÂN											
North Sudan	62600	WÂDI HALFA	340	14	10	05	0	0	-	10.7	33	8	-5
	62640	ABU HAMAD	20	5	10	00	0	0	-	5.0	39	10	2
	62660	KAREIMA											
	62680	'ATBARA	50	19	2	07	0	0	-	3.3	41	8	0
	62721	KHARTÛM	20	13	7	05	0	0	-	1.1	42	11	5
	62780	KASSALA	90	2	30	00	0	0	-	999.2	43	15	11
Central Sudan	62751	WÂD MEDANI	360	13	35	00	0	0	-		42	6	-4
	62801	RENK											
	62802	ROSEIRES	250	2	35	00	0	0	-		42	8	1
	62771	EL OBEID	20	7	10	00	0	0	-	3.5	40	8	0
	62760	EL FÂSHER	20	9	30	00	0	0	-		38	18	10
	62770	GENEINA	90	4	30	00	0	0	-		39	7	-3
S. Sudan	62840	MALAKÂL	300	2	30	02	1	3	Cu	3.3	41	17	11
	62880	WÂU	00	0	30	01	1	4	Cu.Cb	3.1	40	17	18
	62941	JUBA	90	5	30	03	1	5	Cb.Cu	3.6	39	23	14

At 1800 on Tues 19th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALUM	270	10	7	01	0	3	Cu.Cb	18.7	13	67	7	0
SÎDI BARÂNI	290	16	35	01	1	3	Sc.Cu	18.6	13	67	7	0
MATRÛH	350	19	12	02	1	6	Sc	16.2	14	59	6	0
EL DABA	320	15		00	0	0	-	15.1	14	48	3	0
ALEXANDRIA	280	23	8	01	3	5	Cu.Sc	14.5	12	77	8	5
FOUAD (Airport)	220	5		01	6	4	Sc	12.6	12	63	5	dr
DAMIETTA	250	23	12	01	3	1	Sc	13.9	13	63	6	dr
PORT SA'ID	270	24	7	01	0	0	-	13.4	14	82	11	0
EL 'ARISH	310	13	3	25	6	6	Cu	15.0	11	77	7	0.1
DAMANHUR	200	2	3	00	3	0	-	15.0	11	77	7	dr
MANSURA	270	5	35	02	6	0	-	15.9	11	77	7	dr
TANTA	220	5	3	00	1	0	-	15.4	11	63	4	0
ZAGAZIG	250	5	3	02	0	0	-	15.8	13	64	7	0
ISMA'ILIA	260	10	12	00	0	0	-	16.5	12	63	5	0
FAROUK (Airport)	260	10	11	00	0	0	-	16.3	14	48	5	0
ALMÂZA	300	8	15	00	0	0	-	16.8	13	55	4	0
EZBEKÎYA	300	8	15	00	0	0	-	16.7	12	53	3	0
GÎZA	290	6	7	01	6	0	-	16.3	12	55	3	dr
HELWÂN	330	12	35	01	0	0	-	17.4	14	43	3	0
FAIYÛM	360	7	10	02	0	0	-	16.2	15	34	-3	0
MINYA												
ASYÛT MANQABÂD	320	4	3	00	0	0	-	15.2	19	27	4	0
NAG' HAMMÂDI	270	5	7	00	0	0	-	14.6	21	26	1	0
QENA	330	4	10	00	0	0	-	14.7	20	19	-4	0
LUXOR	360	10	50	00	0	0	-	13.9	25	21	1	0
ASWÂN	00	0	7	00	0	0	-	20.4	14	55	5	0
SÎWA	320	4	15	02	0	0	-	17.1	15	30	-3	0
BAHARÎYA												
FARAFRA	320	9		00	0	0	-	16.3	19	23	-3	0
DAKHLA	360	5	15	00	0	0	-	16.0	20	24	-1	0
KHARGA	310	9	15	01	3	0	-	15.0	15	39	1	0
SUEZ	310	12	25	00	0	0	-		22	65	15	0
TÔR	320	19		00	0	0	-	12.5	21	53	12	0
HURGHADA	330	13	15	02	0	0	-	13.3	21	57	12	0
QUSEIR												
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on WEDNESDAY 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.	Bar. Pressure Diff. from normal mbs.	Temp. Dry Bulb	Temp. Maximum Yesterday	Temp. Maximum Diff. from normal	Temp. Minimum Today	Temp. Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	250	12	7	02	0	0	-	17.6		13	20		9		67	7	0		
SÎDI BARÂNI	320	19	20	03	1	7	Cb	17.8		15	16		11		77	11	0	276	
MATRÛH	250	19	15	01	2	4	Sc	16.3		16	17		12		52	6	0		
EL DABA	320	15		01	6	6	Cb	15.8		15	18		10		68	9	4		
ALEXANDRIA	310	30	60	03	6	7	Cb	14.6	+0.3	12			10	-5	77	8	7	266	182
FOUAD (Airport)	280	20	14	25	8	6	Cu.Sc	14.3		12	16		9		77	8	6	265	182
DAMIETTA	220	5		03	6	8	Cu.Sc	13.6	-0.6	10	17		6		95	10	1	316	102
PORT SA'ID	240	17	11	01	2	8	Cu.Sc	14.0		11	19		10		82	8	0.4	69	
EL 'ARISH	220	13	15	03	1	5	Cu	14.6	+0.8	15	20		10	-3	68	9	0		90
DAMANHUR	270	9	3	25	6	7	Cb	15.5	+1.4	10	15	-12	9	-4	95	10	4	102	97
MANSURA	270	5	15	20	6	8	Fs.Fc	14.4	-0.1	10	19	-9	8	-5	88	8	3	45	50
TANTA	480	2		03	6	8	St	15.9	+1.4	10	20	-9	7	-5	95	10	4	34	38
ZAGAZIG	220	5	3	02	2	8	As	15.9	+1.4	11	20	-9	9	-3	88	9	0	19	26
ISMA'ILIA	250	5	3	20	5	7	As	15.1		13	19		10		67	7	dr	12	
FAROUK (Airport)	250	20	12	03	1	8	Sc	15.8		12	20				77	8	0		
ALMÂZA	260	18	30	02	2	8	Sc	16.0		13	19		10		55	4	0		
EZBEKÎYA	270	11	15	03	0	8	Ac	16.6	+2.3	13	20	-9	10	-4	55	4	0	8	24
GÎZA	270	11	15	03	0	8	Ac	16.7	+2.3	13	20	-9	9	-2	56	4	0	16	24
HELWÂN	220	8	35	03	2	8	Cu.Sc	16.7	+2.8	12	19	-10	8	-7	55	3	dr	16	27
FAIYÛM	290	8	35	03	1	3	St	18.2	+4.1	14	20	-11	8	-6	48	3	0	6	8
MINYA	310	12	10	00	0	0	-	19.2		14	23		6		36	-1	0	5	
ASYÛT MANQABÂD	360	5	18	00	0	0	-	19.0		14	25		8		48	3	0	0	
NAG' HAMMÂDI	360	2	3	00	0	0	-	18.6	+5.9	15	26		7		48	4	0	0	
QENA	290	9	15	00	0	0	-	18.6	+6.4	16	29	-7	11	-6	42	3	0	dr	
LUXOR	20	7	30	00	0	0	-	18.1		17	28		9		26	-3	0	dr	
ASWÂN	20	9	50	00	0	0	-	18.7	+6.6	17	30	-6	14	-6	52	7	0	dr	
SÎWA	40	5	35	00	0	0	-	21.1	+5.9	13	20	-10	7	-5	55	4	0	dr	8
BAHARÎYA	270	5	35	02	0	0	-	19.4	+4.7	13	21	-10	7	-6	55	4	0	dr	7
FARAFRA																		dr	
DAKHLA	320	11	35	00	0	0	-	19.6	+6.0	13	26	-8	8	-7	24	-7	0	dr	
KHARGA	00	0	35	00	0	0	-	19.5	+6.6	15	27	-7	12	-4	36	0	0	0	
SUEZ	00	0	35	00	1	5	Cu	15.6	+1.7	16	23	-6	10	-6	49	5	0	12	16
TÔR	310	4	35	00	0	0	-			19	24	-4	14	-3	30	1	0	dr	13
HURGHADA	300	22		00	0	0	-	15.5		17	21		13		42	4	0	7	
QUSEIR	360	19	15	02	0	0	-	16.2	+4.3	19	24	-4	15	-5	46	7	0	0	4
PORT SUDÂN	360	16	10	18	0	0	-	12.7		27	30		20		55	17	0	34	96
WÂDI HALFA	10	20	10	05	0	0	-	17.0		18	34		13		24	-3	0	6	
ABU HAMAD	50	24	7	07	0	0	-	12.5		24	41		20		17	-3	0		
KAREIMA	20	16	10	00	0	0	-	13.2		25	41		20		14	-5	0	3	1
'ATBARA	360	9	30	00	0	0	-	10.6		26	41		23		16	-2	0	7	3
KHARTÛM	360	8	10	05	0	0	-	10.2		28	42		23		14	-2	0	10	4
KASSALA	50	9	30	03	1	6	Ac				43		23			15	0	16	10
WÂD MEDANI	360	19	7	00	0	0	-	9.0		31	44		25		9	-6	0	11	13
RENK																		0	54
ROSEIRES	270	5	35	00	0	0	-			27	43		22		28	7	0	3	48
EL OBEID	350	13	30	02	1	3	Cu	10.0		27	40		21		22	3	0	11	18
EL FÂSHER	310	4	30	00	0	0	-			23	39		19		27	3	0	1	6
GENEINA	50	13	10	02	1	8	Cs			25	39		21		18	-1	0		6
MALAKÂL	20	3	30	03	2	7	Cs	9.4		31	42		23		33	13	0	127	112
WÂU	180	11	30	01	1	5	Cc	8.4		29	41		27		59	20	0	290	212
JUBA	180	9	30	03	2	7	Ac, Cs	8.3		29	39		25		52	18	0	195	259

HUMIDITY % Mean of day

Station	on 19th	Diff. from normal
Alexandria	59	-9
Ezbekiya	42	-11
Giza	43	-12
Helwân	54	+14

GÎZA GRASS MINIMUM TEMP. ON 20th 5.2 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

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

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

UPPER WIND OBSERVATIONS on 19th

Height m.	Matruh Dir.	Matruh Vel.			Fouad A.P. Dir.	Fouad A.P. Vel.																		
Time	14				14																			
300	330	23			290	10																		
600	320	33			290	16																		
1000	320	40			290	26																		
1500	320	52			290	23																		
2000					300	22																		
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 20th

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh 4 45 Dir.	Matrûh 4 45 Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Sa'id Dir.	Port Sa'id Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân 6 45 Dir.	Helwân 6 45 Vel.	Minya Dir.	Minya Vel.	Asyût Manqabâd 9 Dir.	Asyût Manqabâd 9 Vel.	Luxor 5 15 Dir.	Luxor 5 15 Vel.	Aswân 5 Dir.	Aswân 5 Vel.	Hurghada Dir.	Hurghada Vel.	Farouk A.P. 3 Dir.	Farouk A.P. 3 Vel.
300	300	37	320	20							250	9			300	14	350	8					270	24
600	310	35	320	23							270	13			310	19	340	10	360	17			270	33
1000	310	28	320	34							270	32			310	18			350	19			260	33
1500											Ent	St			300	25	340	17					260	31
2000															300	34							270	33
3000																							280	49
4000																								
5000																								
6000																								
7000																								
8000																								

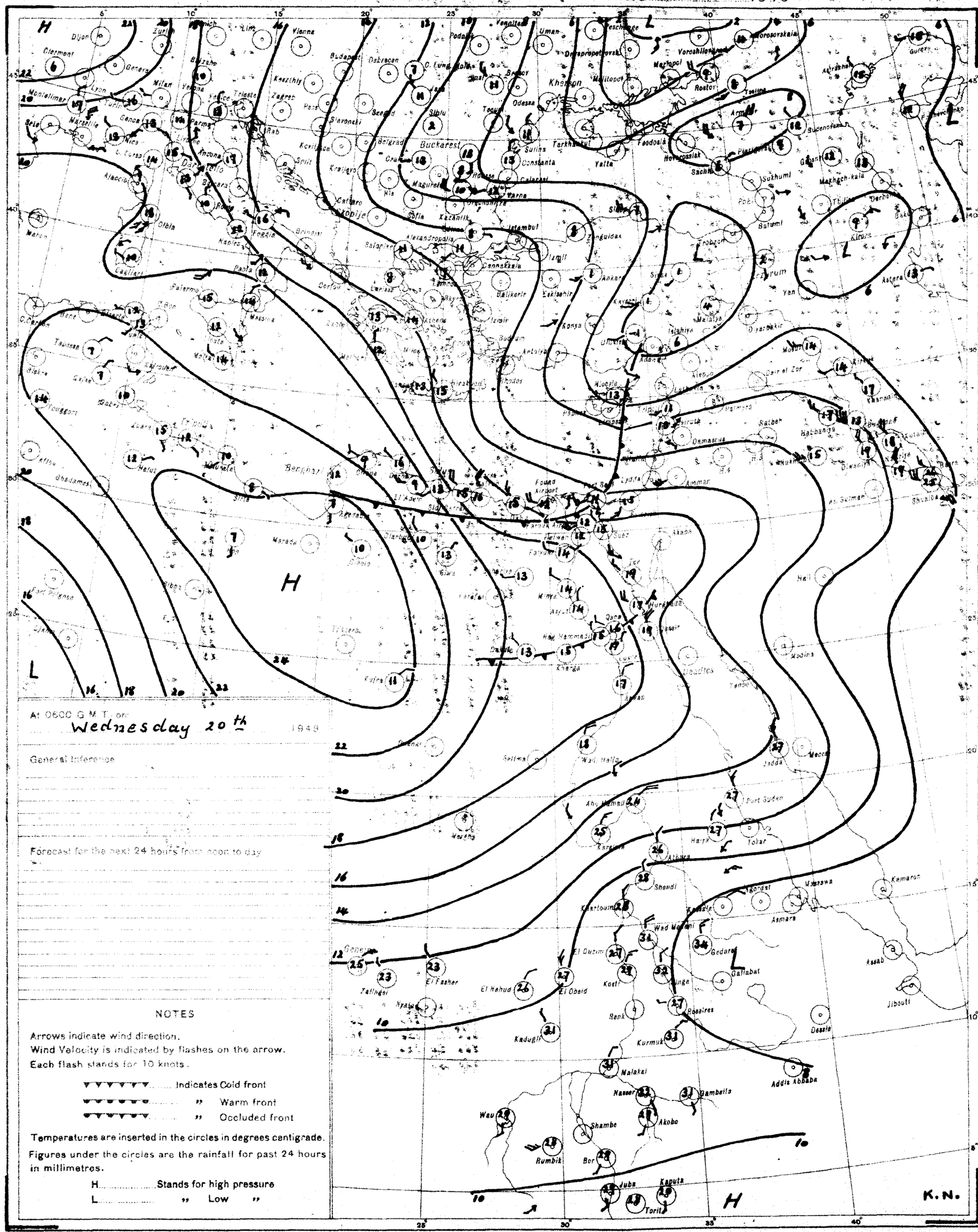
Height m.	Sîwa Dir.	Sîwa Vel.	Bahariya 5 Dir.	Bahariya 5 Vel.	Dakhla 5 Dir.	Dakhla 5 Vel.	Kharga 5 Dir.	Kharga 5 Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid 3 30 Dir.	El Obeid 3 30 Vel.	El Fâsher 4 Dir.	El Fâsher 4 Vel.	Malakâl 4 Dir.	Malakâl 4 Vel.
300	300	22	300	23	330	16	10	8																
600	300	21	300	27	350	21	360	13															340	7
1000	300	22	320	24	360	25	360	19											30	33			340	5
1500	200	24	320	33	340	46	350	16											30	19			310	8
2000	100	35																	300	2				
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 1948 (48/450).

Note: All times G. M. T.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 20th 1949



At 0600 G.M.T. on Wednesday 20th 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

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

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

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

H Stands for high pressure
L " Low "

PRESENT WEATHER

WEATHER AT 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	25
	" hail	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 last hour	91
Hail		93
Thunderstorm with rain		95
" hail		96
" Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

S of E 1948(48/195)(48/450)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 23 G. M. T.

" " Sunset 16 25 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date : THURSDAY 21st APRIL, 1949

At 1200 on Wed 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	320	6	7	02	1	2	Ac.C	17.5	20	41	6
	62303	SÎDI BARÂNI											
	62306	MATRÛH	350	18	18	01	2	2	Sc	17.0	18	52	8
	62309	EL DABA	320	15		61	1	3	Cu		16	45	4
		ALEXANDRIA	310	22	50	03	2	6	Cb	15.6	17	52	7
	62318	FOUAD (Airport)	320	21	15	02	1	3	Cu	15.8	18	49	7
	62330	DAMIETTA	290	9	15	01	6	2	Cu	14.7	16	59	8
	62333	PORT SA'ÎD	300	15	30	02	8	4	C.Sc	14.8	16	59	8
	62336	EL 'ARISH	270	13	15	03	2	7	Cb	14.7	16	68	10
Lower Egypt	62339	DAMANHUR	310	13	15	02	1	7	Cu	15.8	18	52	8
	62342	MANSURA	320	5	35	03	6	6	Cu	15.4	18	46	6
	62348	TANTA	270	23	35	01	1	5	Cu	15.0	19	46	7
	62354	ZAGAZIG	320	5	7	01	6	4	Ac	15.4	17	68	11
	62441	ISMA'ÎLÎA	290	5	7	02	1	4	As	15.6	16	59	8
Cairo Area	62366	FAROUK (Airport)	270	23	30	02	1	6	Cb	15.4	18	60	10
	62372	ALMAZA	270	17	30	02	2	5	Sc	15.9	19	37	4
		EZBEKÎYA	320	10	15	01	5	5	Sc	16.6	18	46	6
		GÎZA	320	10	15	01	5	5	Sc	16.6	19	35	3
	62378	HELWÂN	290	11	35	02	5	7	Cu,Sc	16.6	17	34	1
Upper Egypt	62381	FAIYÛM	330	8	35	03	1	5	Sc	16.8	19	37	4
	62387	MINYA	340	16	14	02	0	2	Cu	16.8	22	19	-3
	62393	ASYÛT MANQABÂD	320	9	30	00	0	0	-	17.5	20	23	-2
	62399	NAG' HAMMÂDI	320	7		00	0	0	-	18.4	22	21	-1
	62402	QENA	290	9	50	00	0	0	-	16.2	24	21	0
	62405	LUXOR											
	62414	ASWÂN	340	8	50	00	0	0	-	14.3	24	21	0
Oases	62417	SÎWA	00	0	35	00	0	0	-	21.5	20	46	8
	62420	BAHARÎYA	270	4	35	02	0	0	-	18.0	20	33	3
	62423	FARAFRA											
	62432	DAKHLA	320	15	50	00	0	0	-	18.9	20	17	-1
	62435	KHARGA	200	1	35	00	0	0	-	19.0	22	21	-1
Red Sea	62450	SUEZ	310	12	35	03	5	7	Cb	15.2	18	37	3
	62459	TÛR	340	5	35	00	0	0	-	14.4	21	26	1
	62462	HURGHÂDA	330	23		00	0	0	-	14.7	19	52	9
	62465	QUSEIR	20	19	15	00	0	0	-	15.4	20	56	11
	62641	PORT SUDÂN	30	18	7	07	0	0	-	10.6	27	70	21
North Sudan	62600	WÂDI HALFA	360	20	10	07	0	0	-	14.4	27	9	-9
	62640	ABU HAMAD	50	13	10	00	0	0	-	9.1	32	13	0
	62660	KAREIMA	340	13	10	00	0	0	-	9.7	33	7	-7
	62680	'ATBARA	360	13	4	07	0	1	C	6.4	36	7	-6
	62721	KHARTÛM	360	17	4	05	0	0	-	6.1	38	7	-1
	62730	KASSALA											
Central Sudan	62751	WÂD MEDANI	360	19	7	00	0	0	-	3.0	41	4	-8
	62801	RENK											
	62802	ROSEIRES	310	5	35	00	0	0	-		42	14	9
	62771	EL OBEID	20	16	10	07	1	3	C	4.5	37	18	9
	62760	EL FÂSHER	50	10	30	00	0	0	-		36	19	9
	62770	GENEINA	50	11	30	02	1	7	C		37	4	-11
S. Sudan	62840	MALAKÂL	50	9	30	00	0	0	-	8.8	40	6	-5
	62880	WÂU	130	3	30	02	1	7	C.C	3.1	37	35	19
	62941	JUBA	180	5	30	03	1	5	C.C	4.0	39	30	18

At 1800 on Wed 20th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
62300	SALUM	320	8	7	02	0	0	-	17.6	16	68	10	0
62303	SÎDI BARÂNI	290	3		01	0	0	-	18.2	14	38	12	0
62306	MATRÛH	310	5	12	00	0	0	-	17.6	14	77	10	0
62309	EL DABA	300	14		00	0	0	—					0
	ALEXANDRIA	310	12	3	01	2	3	Ac	17.1	15	59	9	0
62318	FOUAD (Airport)	260	11	12	01	1	2	Sc	17.1	14	67	8	0
62330	DAMIETTA	290	5		02	1	1	Cu	16.3	15	69	9	2
62333	PORT SA'ÎD	280	9	14	02	0	1	Sc	16.7	14	67	8	1
62336	EL 'ARISH	320	2	7	01	0	1	Cu	16.6	15	68	9	0
62339	DAMANHUR	290	2	3	00	1	2	Cu	17.4	13	72	8	0
62342	MANSURA	290	2	3	00	1	0	-	17.5	14	67	8	4
62348	TANTA	220	2	35	02	1	5	Cu	17.9	13	55	4	0
62354	ZAGAZIG	220	2	3	00	1	0	-	17.2	12	77	8	2
62441	ISMA'ÎLÎA	290	2	3	01	1	0	-	15.9?	15	79	7	2
62366	FAROUK (Airport)	290	8	15	00	0	0	-	17.4	15	72	10	0
62372	ALMAZA	310	9	15	00	1	0	-	18.0	15	55	6	0
	EZBEKÎYA	00	0	15	00	2	0	-	17.9	15	59	7	dr
	GÎZA	00	0	15	00	2	0	-	17.9	14	58	6	dr
62378	HELWÂN	310	5	35	01	0	0	—	18.0	15	48	4	dr
62381	FAIYÛM	360	2	35	01	0	0	-	18.0	15	52	5	0
62387	MINYA	00	0	12	00	0	0	-	17.4	16	49	5	0
62393	ASYÛT MANQABÂD												
62399	NAG' HAMMÂDI	00	0	3	00	0	0	-	17.4	16	49	5	0
62402	QENA	290	9	7	00	0	0	-	16.4	19	30	1	0
62405	LUXOR	320	8	12	00	0	0	-	16.9	18	23	-4	0
62414	ASWÂN												
62417	SÎWA	00	0	7	00	0	0	-	19.6	14	77	10	0
62420	BAHARÎYA	320	4	15	02	0	0	—	18.3	16	42	3	0
62423	FARAFRA												
62432	DAKHLA	320	6	35	00	0	0	-	18.4	18	20	-5	0
62435	KHARGA	00	0	15	03	0			18.4	16	42	3	0
62450	SUEZ	00	0	15	01	0	3	Cu	16.7	16	49	5	dr
62459	TÛR	310	2	50	00	0	0	—		22?	44	9	0
62462	HURGHÂDA	340	20		00	0	0	-	16.2	20	46	8	0
62465	QUSEIR	330	19	15	02	0	0	-	16.2	20	56	11	0
62641	PORT SUDÂN												
62600	WÂDI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	'ATBARA												
62721	KHARTÛM												
62730	KASSALA												
62751	WÂD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID												
62760	EL FÂSHER												
62770	GENEINA												
62840	MALAKÂL												
62880	WÂU												
62941	JUBA												

At 0600 on THURSDAY 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.	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	4	7	02	0	0	-	18.6		16	21		10		68	10	0		
SÎDI BARÂNI	250	6		02	0	0	-	19.5		16	18		10		77	12	0	276	
MATRÛH	290	8	12	00	0	0	-	19.3		16	22		10		72	11	0		
EL DABA	270	13		00	0	0	—			14					55	5	0		
ALEXANDRIA	200	5	35	03	2	3	Cu,Sc	20.0	+5.7	15	18	-6	12	-3	77	11	0	266	183
FOUAD (Airport)	220	8	15	01	0	5	Sc,Cu	19.7		14	19		9		77	10	0	265	138
DAMIETTA	200	5		03	2	5	Ac	19.8	+5.7	14	17		6		77	10	2	318	103
PORT SA'ÎD	230	8	12	02	0	1	Ci	19.8		14	18		12		67	8	1	70	
EL 'ARISH											18	-6							90
DAMANHÛR	230	9	7	02	1	1	Ci	20.7	+6.6	16	19	-8	9	-4	68	10	0	102	97
MANSÛRA	220	2	35	01	8		Ac	20.3	+5.9	16	19	-9	7	-6	68	10	4	40	51
ṬANṬA	220	2	35	02	1	0	-	20.4	+5.9	14	19	-10	5	-7	77	10	0	34	38
ZAGAZIG	40	5	7	00	0	0	-	19.2	+4.8	15	20	-9	8	-4	68	9	2	21	26
ISMA'ÎLÎA	160	2	3	01	0	0	-	20.2		15	19		8		59	7	2	14	
FAROUK (Airport)											20								
ALMÂZA											20								
EZBEKÎYA	00	0	15	00	0	0	-	20.6	+6.3	16	20	-9	9	-5	49	5	dr	8	24
GÎZA	00	0	15	00	0	0	-	20.2	+5.9	17	21	-8	6	-5	52	7	dr	16	24
HELWÂN	00	0	7	00	0	2	Ci	20.4	+6.6	14	19	-10	8	-7		5	dr	16	27
FAIYÛM	00	0	35	02	0	0	-	21.0	+7.0	14	21	-10	9	-5	55	5	0	6	8
MINYA	00	0	12	00	0	0	-	20.1		16	23		6		56	7	0	5	
ASYÛT MANQABÂD	00	0	30	00	0	0	-	20.4		16	22		8		36	1	0	0	
NAG' HAMMÂDI	270	2	3	00	0	0	-	19.6	+7.0	17	23		8		42	4	0	0	
QENA	360	2	15	00	0	0	-	19.6	+7.5	17	25	-11	10	-7	42	4	0	dd.	
LUXOR	20	9	30	00	0	0	-	19.2		19	24		8		30	1	0	dd.	
ASWÂN	340	6	50	00	0	0	-	18.6	+6.6	15			12	-8	63	8	0	dd.	
SÎWA	00	0	35	00	0	0	-	19.5	+4.3	12	22	-8	7	-6	63	5	0	dd.	8
BAHARÎYA	00	0	35	02	0	0	-	20.0	+5.4	16	22	-9	7	-6	49	5	0	dd.	7
FARAFRA																		dd.	
DAKHLA	00	0	35	00	0	0	-	20.0	+6.5	15	22	-12	7	-8	30	-3	0	dd.	
KHARGA	00	0	35	00	0	0	—	20.0	+7.1	18	23	-11	8	-9	46	6	0	0	
SUEZ	00	0	35	00	0	0	—	20.0	+6.1	15	21	-8	8	-8	59	7	dr	12	16
TÛR	310	4	50	00	0	0	—	18.7	+6.8	20	22	-6	12	-5	33	3	0	dd.	13
HURGHADA	300	9		00	0	0	-	19.3		18	22		10		52	8	0	7	
QUSEIR	340	19	15	02	0	0	-	18.6	+6.7	20	22	-5	16	-4	46	8	0	0	4
PORT SUDÂN	350	16	10	18	0	1	Sc	14.4		24	30		19		61	16	0	34	96
WÂDI HALFA	10	7	30	00	0	0	-	18.9		17	29		16		26	-3	0	tr.	
ABU HAMAD	20	13	10	03	0	3	Ci	13.8		21	33		15		23	-1	0		
KAREIMA	20	10	10	01	1	3	Ci	15.3		20	35		15		19	-4	0	3	1
'ATBARA	360	9	30	00	0	0	-	12.8		23	36		18		13	-7	0	7	3
KHARTÛM	20	13	30	01	1	2	Ci	12.5		24	39		20		17	-3	0	10	4
KASSALA	90	5	30	01	0	1	Ac	7.8		29	42		21		35	12	0	16	11
WÂD MEDANI	360	19	35	00	0	0	-	10.8		27	42		21		8	-10	0	11	14
RENK																		0	54
ROSEIRES	360	9	35	00	0	0	-			30	42		22		18	3	0	3	48
EL OBEID	350	8	30	03	0	3	Ci	4.4		23	38		19		38	8	0	11	18
EL FÂSHER	20	9	30	00	0	0	-			22	38		17		38	7	0	1	2
GENEINA	50	17	10	01	1	5	Ci			33	39		21		15	-5	0	dd.	6
MALAKÂL	20	13	10	06	0	0	-	5.4		29	41		26		35	12	0	127	113
WÂU	00	0	30	01	1	5	Ac,Ci	9.1?		27	39		25		66	20	4	294	214
JUBA	180	13	30	03	2	8	Cs	8.4		28	39		25		62	20	dr	195	263

HUMIDITY

Mean of day %

Station	on 20th	Diff. from normal
Alexandria	58	-10
Ezbekîya	51	-2
Giza	54	-1
Helwân	50	+10

GÎZA

GRASS MINIMUM TEMP. ON 21st — °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — Farouk AIRPORT — On 21st At 3

Pressure mbs.	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	152	9		00	0
950					
900					
850	1486	5		300	19
800					
700	3054	0			
600					
500		-18		320	13
400		-28			
300					

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

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

UPPER WIND OBSERVATIONS on .....

Station	Port-Said Dir.	Port-Said Vel.	Minya Dir.	Minya Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.
Time	14		15		15	
Height m.						
300	290	20	340	17	300	17
600	270	17	340	29	300	24
1000	270	23	330	24	300	23
1500	350		330	24	300	22
2000			330	17	310	13
3000			310	20		
4000						
5000						
6000						
7000						
8000						

UPPER WIND OBSERVATIONS on 21st

Station	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Sa'îd Dir.	Port Sa'îd Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Farouk Dir.	Farouk Vel.
Time	5		4	30							7				8				5				3	
Height m.																								
300	290	13	290	15							270	4			320	5			20	11			00	0
600	300	17	330	16							310	4			360	5			30	20			300	7
1000	300	14	360	16							50	5			360	12			30	20			300	9
1500			340	18							360	12			360	10			70	10			300	17
2000			330	20							350	13			230	7			50	5			310	14
3000											320	14			300	9							310	14
4000																								
5000																							270	34
6000																								
7000																								
8000																								

Station	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time			5		5		5	15	5				4	15							4	30	3	45
Height m.																								
300			130	5	340	3	20	6	20	6														
600			150	3	360	7	360	10	20	25			30	19									10	13
1000			300	15	20	11	340	10	20	17			350	10							20	13	20	28
1500			320	15	50	3			20	9			320	12							50	18	30	26
2000			340	21	360	8							290	9										
3000			280	11	10	18			290	14			290	9							10	3	80	9
4000			310	16	20	36							290	16									100	9
5000									280	28													100	6
6000																								
7000																								
8000																								

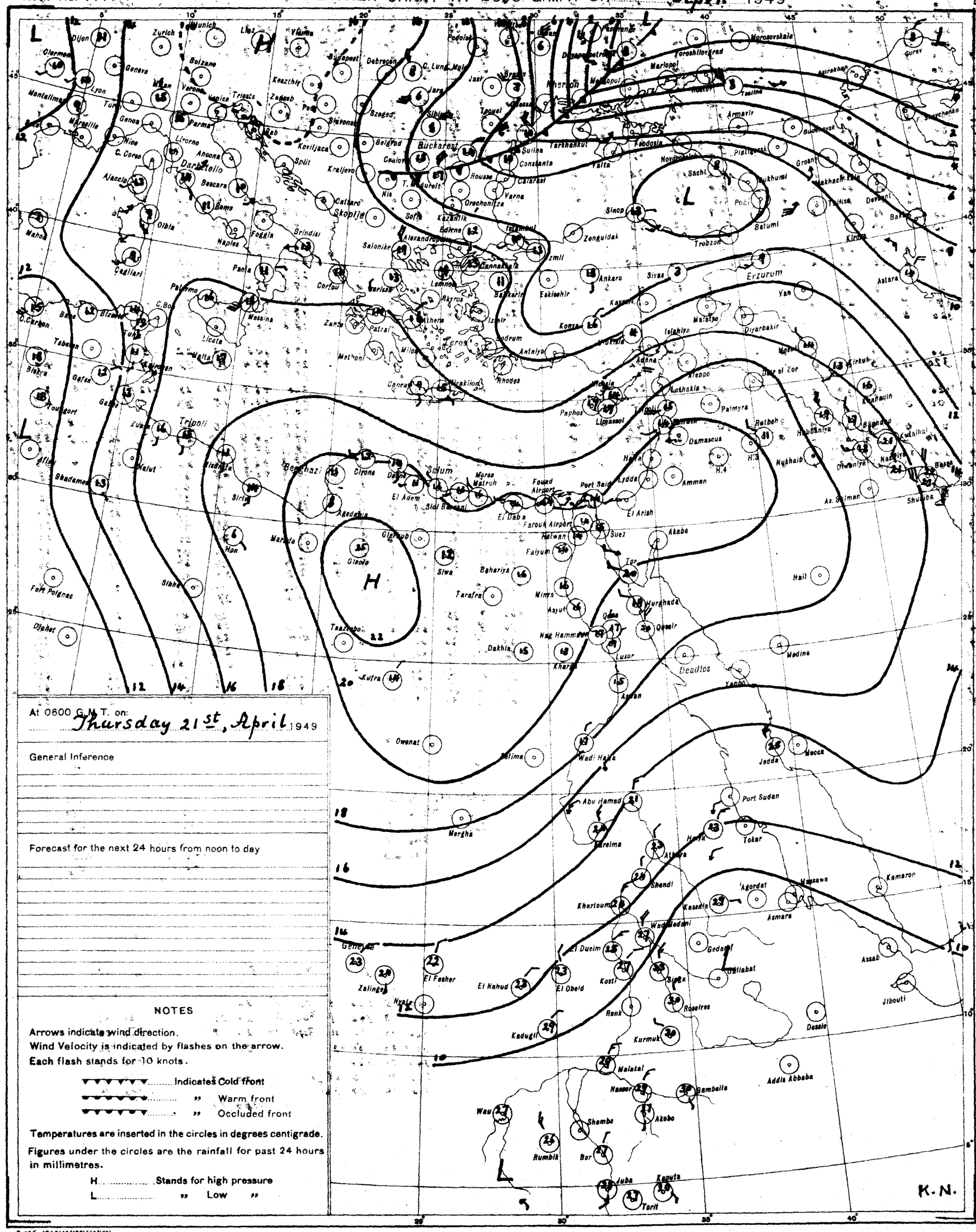
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 21st April 1949


Zurich
Munich
Lyon
Marseille
Genoa
Milan
Venice
Trieste
Zagreb
Budapest
Debrecen
Kaszthely
Bolzano
Verona
Parma
Livorno
Ancona
Rome
Naples
Foggia
Brindisi
Bari
Palermo
Messina
Catania
Malta
Tripoli
Benghazi
Tobruk
Sidi Barrani
Mersa Matruh
Cairo
Port Said
Suez
Aden
Khartoum
Wadi Halfa
Port Sudan
Jeddah
Mecca
Medina
Aqaba
Amman
Jerusalem
Beirut
Damascus
Aleppo
Baghdad
Basra
Tehran
Tabriz
Erzurum
Ankara
Istanbul
Sofia
Bucharest
Constanta
Odessa
Sevastopol
Rostov
Stalingrad
Astrakhan
Tashkent
Alexandria
Salonika
Athens
Rhodes
Crete
Cyprus
Malta
Gibraltar
Madrid
Lisbon
Algiers
Tunis
Cairo
Khartoum
Asmara
Addis Ababa
Nairobi
Kampala
Mogadishu
Dakar
Freetown
Accra
Lagos
Fort Lamy
Kano
Tamanrasset
Ouargla
Biskra
Tripoli
Benghazi
Cairo
Aswan
Luxor
Khartoum
Port Sudan

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 No 7 F.

DAILY WEATHER REPORT

Date : FRIDAY 22nd APRIL , 1949

At 1200 on Thurs 21st

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
MEDITERRANEAN	62300	SALÛM	360	9	7	02	0	0	-	18.6	18	52	8
	62303	SÎDI BARÂNI	340	6	50	02	0	0	-	20.0	18	73	13
	62306	MATRÛH											
	62309	EL DABA	270	15		00	0	0	-		16	49	5
		ALEXANDRIA	310	3	50	00	0	0	-	19.8	18	52	8
	62318	FOUAD (Airport)	300	6	18	02	0	0	-	20.4	19	60	11
	62330	DAMIETTA	340	5	15	01	1	1	Cu	20.3	19	64	12
	62333	PORT SA'ID											
	62336	EL 'ARISH	320	9	35	03	2	7	St	20.8	17	77	13
LOWER EGYPT	62339	DAMANHUR	360	5	15	02	1	1	Cu	20.3	22	44	9
	62342	MANSURA	270	2	35	03	1	5	Cu	20.7	18	72	13
	62348	TANTA	270	8	35	01	1	2	Cu	20.2	23	38	8
	62354	ZAGAZIG	220	5	15	02	1	2	Ac	20.4	22	44	9
	62441	ISMA'ILIA	180	2	7	02	1	4	Ac	19.9	21	41	7
CAIRO AREA	62366	FAROUK (Airport)	20	4	18	02	0	1	Ci	17.9	22	41	8
	62372	ALMÂZA											
		EZBEKIYA	360	4	35	00	0	0	-	19.9	22	36	6
		GÎZA	360	4	35	00	0	0	-	19.8	21	33	4
	62378	HELWÂN	00	0	35	00	0	0	-	19.5	20	21	-3
UPPER EGYPT	62381	FAIYÛM	00	0	35	02	0	0	-	19.9	21	33	4
	62387	MINYA	20	5	14	00	0	0	-	19.6	23	22	0
	62393	ASYÛT MANQABÂD	340	4	30	00	0	0	-	18.2	24	18	-2
	62399	NAG' HAMMÂDI	360	2	7	00	0	0	-	16.7	26	18	0
	62402	QENA	290	5	50	00	0	0	-	16.4	28	16	0
	62405	LUXOR	30	16	30	00	0	0	-	16.2	26	13	-5
	62414	ASWÂN	340	7	50	00	0	0	-	16.2	26	27	5
OASES	62417	SÎWA											
	62420	BAHARÎYA	360	3	35	02	0	0	-	19.4	23	32	5
	62423	FARAFRA											
	62432	DAKHLA	340	11	50	00	0	0	-		23	18	-3
	62435	KHARGA	00	0	35	00	0	0	-	15.9?	26	30	7
RED SEA	62450	SUEZ	360	8	35	03	0	1	Cu	18.3	21	26	1
	62459	TÛR	310	4	35	00	0	0	-		21	41	7
	62462	HURGHÂDA	360	10		00	0	0	-	17.8	21	50	10
	62465	QUSEIR	20	19	15	02	0	0	-	18.2	21	65	14
	62641	PORT SUDÂN											
NORTH SUDÂN	62600	WÂDI HALFA	360	13	30	03	1	4	Ci	14.8	26	11	-7
	62640	ABU HAMAD	50	9	30	02	1	3	Ci	10.2	31	15	1
	62660	KAREIMA											
	62680	'ATBARA											
	62721	KHARTÛM	360	13	10	03	0	1	Ci	7.5	35	7	-6
	62780	KASSALA	360	9	30	01	0	0	-	4.4	38	18	10
CENTRAL SUDÂN	62751	WÂD MEDANI	360	13	35	02	1	7	Ci	5.3	39	14	-10
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	360	11	30	01	1	2	Ci	6.3	35	13	3
	62760	EL FÂSHER	50	9	30	00	0	2	Ci		34	4	-16
	62770	GENEINA	50	9	30	01	1	4	Ci		36	7	-5
S. SUDÂN	62840	MALAKÂL	20	16	7	05	0	0	-	3.9	40	4	-9
	62880	WÂU	130	4	30	02	1	8	Cu	4.8	34	41	19
	62941	JUBA											

At 1800 on Thurs 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	40	8	7	02	0	0	-	18.8	17	68	11	0
SÎDI BARÂNI	20	1	35	02	0	0	-	20.0	15	88	13	0
MATRÛH												
EL DABA	270	10		00	0	0	-		15	59	7	
ALEXANDRIA	00	0	3	00	0	0	-	20.4	16	59	8	0
FOUAD (Airport)	40	4	15	02	0	0	-	20.4	13	77	9	0
DAMIETTA	340	5		00	0	0	-	20.4	16	77	12	0
PORT SA'ID	50	6	18	02	0	0	-	20.3	16	59	8	0
EL 'ARISH	320	2	7	01	0	2	Ci	21.4	16	77	12	0
DAMANHUR	360	5	7	02	0	0	-	21.2	14	67	8	0
MANSURA	360	5	3	00	1	0	-	21.0	16	68	10	0
TANTA	270	2	35	02	1	0	-	20.6	18	52	3	0
ZAGAZIG	40	5	3	00	1	0	-	20.3	17	68	11	0
ISMA'ILIA	20	2	3	02	0	0	-	19.5	17	62	4	0
FAROUK (Airport)	40	10	12	00	0	0	-	19.3	19	52	9	0
ALMÂZA	20	8	18	00	0	0	-	17.5	19	46	7	0
EZBEKIYA	00	0	15	00	0	0	-	19.8	19	46	7	0
GÎZA	00	0	15	00	0	0	-	19.8	17	52	7	0
HELWÂN	340	5	35	02	0	0	-	19.2	19	37	4	0
FAIYÛM	00	0	35	02	0	0	-	19.2	16	59	8	0
MINYA	40	8	12	00	0	0	-	18.8	15	48	4	0
ASYÛT MANQABÂD												
NAG' HAMMÂDI	360	3	3	00	0	0	-	16.4	20	41	6	0
QENA	270	5	7	00	0	0	-	15.6	22	29	3	0
LUXOR	00	0	12	00	0	0	-	15.8	21	21	-2	0
ASWÂN	360	4	50	00	0	0	-	15.2	23	24	1	0
SÎWA	00	0	7	00	0	0	-	19.4	20	64	13	0
BAHARÎYA												
FARAFRA												
DAKHLA	320	6	35	00	0	0	-	18.6	21?	14	-8	0
KHARGA	360	1	15	00	0	0	-	17.8	19	35	3	0
SUEZ	360	5	15	01	0	0	-	18.6	18	46	6	0
TÛR	310	8	35	00	0	0	-		21	50	10	0
HURGHÂDA	330	9		00	0	0	-	16.9	21	57	12	0
QUSEIR	330	13	15	02	0	0	-	17.0	19	52	9	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on FRIDAY 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	Diff. from normal mbs	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st
SALUM	90	2	7	03	1	5	Ac	20.7		17	20		13		60	9	0		
SÎDI BARÂNI	90	3	50	03	0	5	Sc	21.5		17	18		10		77	13	0	276	
MATRÛH	00	0	13	01	2	7	Sc	21.7		16			9		68	10	0		
EL DABA	70	15		00	0	0	-	21.6		18			9		60	10	0		
ALEXANDRIA	90	9	50	00	0	0	-	22.3	+8.0	16	20	-4	12	-4	68	10	0	266	183
FOUAD (Airport)	130	3	15	02	0	0	-	21.7		16	20		8		68	10	0	265	138
DAMIETTA	140	2		01	1	1	Fs.Fc	21.5	+7.4	18	21		9		73	13	0	318	103
PORT SA'ID	90	6	18	03	0	1	Sc	21.3		17	20		13		68	11	0	70	
EL 'ARISH	40	2	35	01	0	0	-	21.6	+7.8	17			8	-5	77	13	0		90
DAMANHUR	360	5	15	02	0	0	-	21.4	+7.3	16	24	-4	10	-3	68	10	0	102	97
MANSURA	90	3	35	00	0	0	-	22.0	+7.6	17	24	-4	9	-4	68	11	0	49	51
TANTA	30	2	35	02	0	0	-	21.9	+7.5	18	24	-5	6	-6	52	8	0	34	38
ZAGAZIG	40	5	7	00	0	0	-	21.8	+7.4	17	24	-5	11	-1	68	11	0	21	26
ISMA'ILIA	70	2	3	02	0	0	-	21.5		16	23		10		59	8	0	14	
FAROUK (Airport)	70	8	15	00	0	0	-	20.7		19	22				56	10	0		
ALMÂZA	40	8	12	00	0	0	-	21.1		18	23		12		49	7	0		
EZBEKIYA	360	5	15	00	0	0	-	21.4	+7.2	19	23	-6	10	-4	52	9	0	8	24
GÎZA	360	5	15	00	0	0	-	21.2	+6.9	18	23	-6	7	-4	53	8	0	16	24
HELWÂN	00	0	15	00	0	0	-	21.5	+7.3	15	22	-2	14	-1	59	7	0	16	27
FAIYÛM	00	0	35	02	0	0	-	21.1	+7.1	17	24	-7	10	-4	52	7	0	6	8
MINYA	20	8	10	00	0	0	-	20.4		16	24		7		52	6	0	5	
ASYÛT MANQABÂD	310	3	30	00	0	0	-	19.4		17	23		10		37	2	0	0	
NAG' HAMMÂDI	360	2	3	00	0	0	-	17.9	+5.3	19	28		9		37	4	0	0	
QENA	270	5	15	00	0	0	-	17.4	+5.4	20	29	-7	11	-6	33	3	0	tr	
LUXOR	90	4	30	00	0	0	-	17.3		20	28		10		19	-4	0	tr	
ASWÂN	360	10	50	00	0	0	-	17.0	+5.0	18	27	-9	14	-6	46	6	0	tr	
SÎWA	00	0	35	00	0	0	-	21.0	+5.9	17	28	-2	8	-5	64	12	0	tr	8
BAHARÎYA	360	1	35	02	0	0	-	19.2	+4.6	16			9	-4	56	7	0	tr	7
FARAFRA																		tr	
DAKHLA	290	3	35	00	0	0	-	18.8	+5.4	15	25	-10	9	-7	30	-3	0	tr	
KHARGA	360	1	35	00	0	0	-	18.7	+5.9	18	26	-8	10	-7	46	6	0	0	
SUEZ	00	0	35	00	0	0	-	19.5	+5.7	18	22	-7	11	-5	46	6	0	12	16
TÛR	10	3	50	00	0	0	-				21	-7	13	-4			0	4	13
HURGHADA	330	17		00	0	0	-	17.9		17	22		12		52	9	0	7	
QUSEIR	360	13	15	02	0	0	-	17.1	+5.3	22	26?	-6	16	-5	74	17	0	0	4
PORT SUDÂN	360	15	30	18	0	0	-	13.3		24					57	15	0	34	96
WÂDI HALFA	360	11	50	03	0	4	Ci	17.4		19	28		11		28	0	0	tr	
ABU HAMAD	50	13	30	03	0	2	Ci	12.6		23	32		17		19	2	0		
KAREIMA	50	9	30	01	1	6	Ci	14.3		21	32		15		14	-8	0	3	1
'ATBARA	40	13	7	07	0	1	Ci	11.6		23	34		19		24	1	0	7	3
KHARTÛM	10	11	30	01	0	3	Ci	11.7		23	36		19		20	-1	0	10	4
KASSALA	200	2	30	00	0	0	-	7.6		31	39		16			9	0	16	11
WÂD MEDANI	50	9	50	00	0	0	-	11.0		24	40		15		13	7	0	11	14
RENK	90	13	50	00	0	0	-	9.6		24	39		21		22	1	0	0	54
ROSEIRES	310	9	35	00	0	0	-			26	42		20		27	5		3	49
EL OBEID	350	11	10	01	1	0	-	12.7		23	37		17		27	3	0	11	18
EL FÂSHER	50	8	30	00	0	2	Ci			21	36		14		10	12	0	1	6
GENEINA	50	13	30	00	0	2	Ci			22	37		20		12	-9	0	tr	6
MALAKÂL	20	13	30	03	2	7	Ci	9.4		28	40		21		29	8	0	127	114
WÂU	00	0	30	01	1	3	Ci	9.3		26	36		22		70	20	0	294	216
JUBA	200	9	30	02	1	7	Sc.Ci	8.0		27	35		24		70	21	0	195	267

HUMIDITY % Mean of day

STATION	on 21st	Diff. from normal
Alexandria	68	0
Ezbekiya	47	-6
Gîza	49	-6
Helwân	43	+3

GÎZA GRASS MINIMUM TEMP. ON 22nd 2.8 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

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

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

UPPER WIND OBSERVATIONS on 21st

Station	Minya		Matruh		Fouad A.P		Port Said		Almaza	
Time	15		14		14 30		14		14 30	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	360	16	350	8	230	6	50	3	360	5
600	360	22	310	9	260	8	30	9	10	9
1000	350	22	280	12	240	7	290	7	20	5
1500	330	11	280	12	300	4	270	11	90	3
2000	310	20	320	17	290	5	310	6	320	4
3000	330	10	310	12	300	10	260	4	270	10
4000					320	20	280	7	300	15
5000							290	16		
6000							300	19		
7000										
8000										

UPPER WIND OBSERVATIONS on 22nd

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'îd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Marsa Alam	
Time	5		4		N		4						3 30				5 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	80	6	110	15	100	8	80	7					30	14			360	4					290	16
600	70	4	40	5	80	7	50	12					20	21			10	11					260	13
1000	20	2	30	6	70	5	20	16					360	26			350	12					260	4
1500	330	8			330	13	40	9					360	12			360	12					30	7
2000	340	10			350	11	30	3									50	8					70	7
3000							280	3									350	9					250	6
4000							10	9															220	15
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	5		5		5		5		4		3 45		4 30		9				9		4 30		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	100	10	40	10	10	8	20	18														
600	130	10	100	10	50	19	360	12	30	23	30	22	30	25	350	10							40	10
1000	300	8	10	6	40	23	360	12	30	16	50	17	60	28	360	14			20	16	50	18	30	13
1500	340	9	360	15	30	33	320	9	50	9	100	2	30	7	20	13			20	13	360	8	60	22
2000	350	10	360	23							80	4	360	5					340	13				
3000	300	16	20	11							090	10	320	5										
4000	300	12	340	15																				
5000			350	21																				
6000																								
7000																								
8000																								

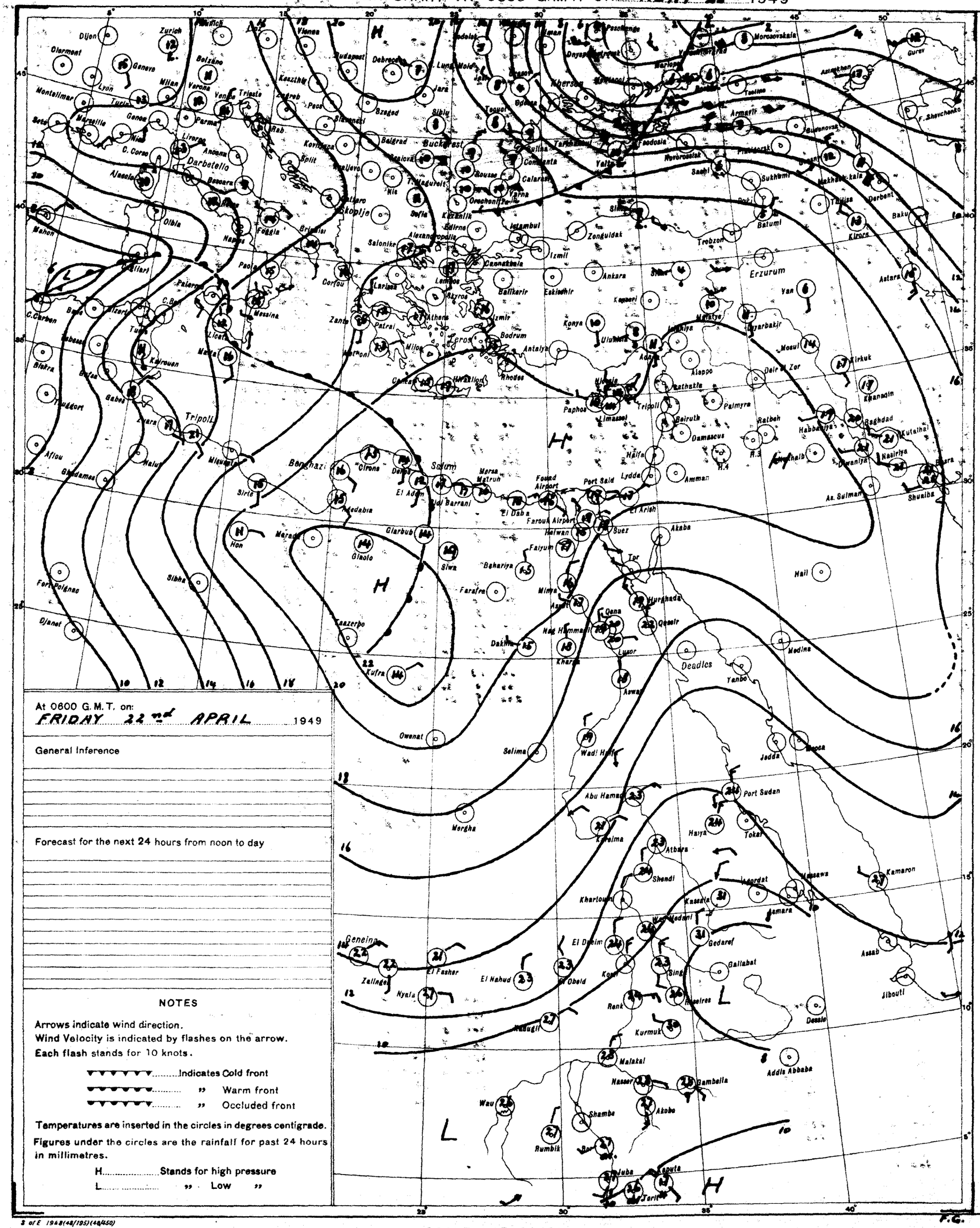
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON FRIDAY 22nd 1949


Dijon
Zurich
Clermont
Geneva
Lyon
Milan
Montelimar
Marseille
Genoa
Parma
Verona
Venice
Trieste
Zagreb
Pecs
Budapest
Debrecen
Vienna
Bolzano
Kecskemet
Szeged
Sibiu
Jassy
Kherson
Odessa
Tiraspol
Kishinev
Sevastopol
Simferopol
Feodosia
Novorossiysk
Yalta
Tuapse
Armavir
Tsaritsyn
Astrakhan
Gurev
F. Shevchenko
Guenovsk
Pitsunda
Sochi
Sukhumi
Makhach-kala
Derbent
Tbilisi
Baku
Kirovs
Batumi
Trebizon
Erzurum
Van
Astara
Diyarbakir
Mosul
Kirkuk
Khanaqin
Baghdad
Kutaiba
Nasiriya
Basra
Shuaiba
As Sulman
Kuwaiyiya
Habbaniya
Ramadi
Kerbala
Rutbah
Palmyra
Aleppo
Deir el Zor
Kathakia
Tripoli
Beirut
Damascus
Haifa
Amman
Lydda
Port Said
Fouad Airport
Farouk Airport
Helwan
Suez
El Arish
Akaba
Tor
Hail
Hurghada
Qena
Qeneir
Luxor
Kharga
Aswan
Deadlics
Medina
Yanbo
Jedda
Mecca
Port Sudan
Tokar
Haiya
Atbara
Shendi
Khartoum
Kassala
Asmara
Massawa
Kamaron
Assab
Jibouti
Dessie
Addis Abbaba
Gambella
Akobo
Malakal
Kurmuk
Gedaref
Gallabat
Singa
Roseires
Renk
Kosti
El Obeid
El Dueim
El Fasher
El Nahud
Nyala
Zalingei
Geneina
Wadi Halfa
Abu Hamad
Merowe
Mergha
Selima
Owenat
Kufra
Jaghbub
Siwa
Baharia
Farafra
Minya
Asyut
Nag Hammadi
Dakhla
Fayum
Mersa Matruh
El Daba
El Alamein
Sidi Barrani
Sollum
Cirene
Derna
El Adem
Benghazi
Tripoli
Misurata
Sirte
Medabia
Giarbub
Hon
Marada
Gialo
Sebha
Fort Polignac
Djanet
Tazerbo
Aflou
Ghadames
Nalut
Biskra
Tuggurt
Gabes
Zuara
Kairouan
Tunis
Bizerte
Bone
Bougie
Tebessa
Mahon
Palma
Cagliari
Palermo
Messina
Catania
Lipari
Malta
Pantelleria
Corfou
Zante
Patrai
Milos
Rhodes
Antalya
Bodrum
Izmir
Athens
Lemnos
Larissa
Salonika
Alexandropolis
Canakkale
Istanbul
Edirne
Kirklareli
Eskisehir
Balikesir
Izmit
Zonguldak
Ankara
Konya
Ulukisla
Adana
Mersin
Nicosia
Paphos
Limassol
Tripoli
Sofia
Kazanlik
Varna
Constanta
Calarasi
Braila
Galati
Tulcea
Cernauti
Iasi
Bucharest
Craiova
Belgrad
Nis
Skopje
Kotor
Split
Kraljevo
Sarajevo
Zagreb
Rab
Karlovac
Slavonski Brod
Szeged
Debrecen
Lugoj
Jara
Sibiu
Tesuet
Odessa
Kherson

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 No 7 F.

DAILY WEATHER REPORT

Date: SATURDAY 23rd APRIL, 1949

At 1200 on Friday 22nd

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM	40	20	7	03	1	5	Ac	20.7	17	68	11
	62303	SÎDI BARÂNI	40	9		01	0	0	—	21.4	18	83	15
	62306	MATRÛH											
	62309	EL DABA	40	10		00	01	0	—		19	64	12
		ALEXANDRIA	40	6	50	00	0	0	—	20.0	18	60	10
	62318	FOUAD (Airport)	10	12	18	02	0	0	—	20.8	20	46	8
	62330	DAMIETTA	20	5	15	00	0	0	—	20.8	19	64	12
	62333	PORT SA'ID	30	12	30	02	0	0	—	20.9	20	64	13
	62336	EL 'ARISH	320	5	35	02	0	0	—	20.4	18	60	10
Lower Egypt	62339	DAMANHUR	90	13	15	02	0	0	—	20.6	23	38	8
	62342	MANSURA	40	5	36	01	0	1	Cu	20.4	23	24	1
	62348	TANTA	220	8	35	01	1	3	Cu	20.2	24	32	6
	62354	ZAGAZIG	40	9	15	00	0	0	—	19.5	24	32	6
	62441	ISMAILIA	40	9	7	02	0	0	—	19.5	23	32	5
Cairo Area	62366	FAROUK (Airport)	40	17	18	00	0	0	—	18.8	25	22	2
	62372	ALMAZA	20	15	30	00	0	0	—	18.4	25	21	1
		EZBEKIYA	360	4	35	00	0	0	—	17.8	25	28	5
		GIZA	360	4	35	00	0	0	—	18.0	26	19	0
	62378	HELWÂN	20	11	50	02	0	0	—	17.6	26	21	2
Upper Egypt	62381	FAIYÛM	360	8	35	02	0	0	—	17.6	26	18	0
	62387	MINYA	20	12	14	00	0	0	—	18.3	27	15	-2
	62393	ASYÛT MANQABAD	340	8	30	00	0	0	—	15.9	28	15	-1
	62399	NAG' HAMMÂDI	270	6	7	00	0	0	—	14.0	30	16	1
	62402	QENA	270	5	50	00	0	0	—	14.3	31	17	3
	62405	LUXOR	60	4	30	00	0	0	—	13.9	30		
	62414	ASWÂN	360	6	50	00	0	0	—	13.6	27	30	8
Oases	62417	SÎWA	00	0	35	00	0	0	—	21.1	29	52	18
	62420	BAHARIYA	360	4	35	02	0	0	—	18.3	26	25	4
	62423	FARAFRA											
	62432	DAKHLA	360	13	50	00	0	0	—	16.2	26	18	0
	62435	KHARGA	360	2	35	00	0	0	—	15.8	28	16	0
Red Sea	62450	SUEZ	20	11	35	02	0	0	—	16.7	26	13	-5
	62459	TÔR											
	62462	HURGHADA	10	10		00	0	0	—	16.1	22	69	16
	62465	QUSEIR	360	19	15	02	0	0	—	16.6			14
	62641	PORT SUDAN											
North Sudan	62600	WÂDI HALFA											
	62640	ABU HAMAD											
	62660	KAREIMA											
	62680	'ATBARA											
	62721	KHARTUM											
	62780	KASSALA											
Central Sudan	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID											
	62760	EL FÂSHER											
	62770	GENEINA											
S. Sudan	62840	MALAKÂL											
	62880	WÂU											
	62941	JUBA											

At 1800 on Friday 22nd

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALUM	40	9	7	01	0	0	—	19.6	17	72	12	0
SÎDI BARÂNI	90	5		02	0	0	—	20.8	15	88	13	0
MATRÛH	110	3	13	00	0	0	—	21.4	14	88	12	0
EL DABA	90	10		00	0	0	—		17	68	11	0
ALEXANDRIA	90	5	3	00	0	0	—	22.2	15	77	11	0
FOUAD (Airport)	20	3	12	00	0	0	—	21.3	14	77	10	0
DAMIETTA	20	5		02	0	0	—	19.2	16	77	12	0
PORT SA'ID												
EL 'ARISH	360	9	7	02	0	0	—	20.4	17	77	13	0
DAMANHUR	90	9	15	02	0	0	—	20.8	16	68	10	0
MANSURA	20	5	3	00	0	0	—	21.5	15	88	13	0
TANTA	270	2	35	03	1	5	Cu	20.8	17	52	7	0
ZAGAZIG	40	2	3	00	0	0	—	21.0	16	77	12	0
ISMAILIA	70	5	3	02	0	0	—	19.2	16	68	10	0
FAROUK (Airport)	40	18	15	00	0	0	—	19.5	18	64	11	0
ALMAZA												
EZBEKIYA	360	5	15	00	0	0	—	19.6	17	52	7	0
GIZA	360	5	15	00	0	0	—	19.8	19	39	4	0
HELWÂN	20	17	35	02	0	0	—	18.0	19	30	1	0
FAIYÛM	360	2	35	02	0	0	—	18.6	19	37	4	0
MINYA	10	10	10	00	0	0	—	17.4	17	42	4	0
ASYÛT MANQABAD												
NAG' HAMMÂDI	00	0	3	00	0	0	—	14.3	22	36	6	0
QENA												
LUXOR	00	0	12	00	0	0	—	13.7	22	21	-1	0
ASWÂN	360	5	50	00	0	0	—	13.4	25	24	3	0
SÎWA	00	0	7	00	0	0	—	19.6	14	77	10	0
BAHARIYA	360	2	15	02	0	0	—	18.7	21	26	1	0
FARAFRA												
DAKHLA	320	10	35	00	0	0	—	16.3	23	12	-8	0
KHARGA	00	0	15	00	0	0	—	16.3	22	21	-1	0
SUEZ	00	0	15	02	0	0	—	18.0	20	33	3	0
TÔR												
HURGHADA	20	13		00	0	0	—	15.6	22	61	14	0
QUSEIR	330	13	15	02	0	0	—	15.0	23	61	15	0
PORT SUDAN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Saturday 23rd

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	90	11	3	03	1	3	Ci	20.4		17	21		12		68	11	0		
SÎDI BARÂNI	50	11	50	03	0	5	Cu	21.2		16	18				68	10	0	276	
MATRÛH	80	2	13	01	2	7	Sc	21.1		16	20		9		68	10	0		
EL DABA	90	9		01	1	0	—	20.6		17			9		68	11	0	171	
ALEXANDRIA	40	9	35	03	1	6	Sc,Cu	21.0	+4.7	17	19	-6	13	-3	60	9	0	266	183
FOUAD (Airport)	60	3	18	03	4	4	Sc	20.9		16	21		9		77	12	0	265	138
DAMIETTA	20	5		03	2	6	Fc,Fs	20.4	+6.3	17	20		11		77	13	0	318	103
PORT SA'ID																		70	
EL 'ARISH	00	0	35	03	1	6	Cu	19.8	+6.0	18	19	-6	10	-3	83	15	0		90
DAMANHUR	40	9	7	03	1	4	Fs,Fc	21.0	+6.9	16	24	-4	8	-5	77	12	0	102	97
MANSURA	40	2	35	02	0	6	Ac	20.6	+6.3	17	25	-4	11	-2	77	13	0	49	51
TANTA	220	2	35	02	1	5	Cu	21.0	+6.6	15	25	-4	6	-6	77	11	0	34	39
ZAGAZIG	40	5	7	00	0	0	—	19.6	+4.2	17	25	-4	10	-2	60	9	0	21	26
ISMAILIA	70	5	7	02	0	0	—	19.8		17	24		11		68	11	0	14	
FAROUK (Airport)	70	16	12	01	1	1	Cu	19.6		15	26		12		88	13	0		
ALMAZA																			
EZBEKIYA	360	5	15	00	0	0	—	19.5	+5.3	17	26	-4	11	-3	68	11	0	8	24
GIZA	360	5	15	00	0	0	—	19.4	+5.2	17	26	-4	9	-2	67	11	0	16	24
HELWÂN	340	8	15	00	0	0	—			17	26	-4	12	-3	42	4	0	16	27
FAIYÛM	360	8	35	02	0	0	—	18.4	+4.5	17	27	-4	11	-3	60	9	0	6	8
MINYA	10	16	11	00	0	0	—	17.9		16	28		10		56	7	0	5	
ASYÛT MANQABAD	340	6	30	00	0	0	—	17.2		16	29		10		52	6	0	0	
NAG' HAMMÂDI	320	4	3	00	0	0	—	15.9	+3.4	17	30		11		52	7	0	0	
QENA	290	9	15	00	0	0	—	15.6	+3.7	20			13	-4	33	3	0	dr	
LUXOR	220	4	30	00	0	0	—	14.6		22	31		12		23	0	0	dr	
ASWÂN	360	6	50	00	0	0	—	14.8	+2.9	20	28	-8	15	-5	46	8	0	dr	
SÎWA	00	0	35	00	0	0	—	20.0	+4.9	16			10	-3	59	8	0	dr	8
BAHARIYA	360	2	35	02	0	0	—	19.9	+5.4	16	28	-4	11	-3	59	8	0	dr	7
FARAFRA																		dr	
DAKHLA	320	13	35	00	0	0	—	16.7	+3.4	20	28	-7	12	-4	24	-1	0	dr	
KHARGA	00	0	35	00	0	0	—	16.7	+4.0	21	28	-7			50	10	0	0	
SUEZ	00	0	35	00	0	0	—	17.8	+4.0	17	27	-2	13	-3	52	7	0	12	16
TÔR																		dr	13
HURGHADA	330	19		00	0	0	—	15.4		20	23		13		64	13	0	7	
QUSEIR	360	19	15	02	0	0	—	14.0	+2.2	23	25	-3	18	-3	50	12	0	0	4
PORT SUDAN	340	10	10	02	2	7	Ac,Cs	12.9		25	29		19		70	19	0	34	96
WÂDI HALFA	360	8	30	00	0	0	—	15.9		20	31		12		21	-3	0	6	
ABU HAMAD	20	13	30	01	1	3	Ci	11.6		25	34		19		19	0	0		
KAREIMA																		3	1
'ATBARA	360	9	30	02	2	7	Cs	11.1		23	36		21		18	-3	0	7	3
KHARTUM	360	10	30	01	1	6	Ac,Ci	11.1		26	35		22		11	-7	0	10	5
KASSALA	00	0	30	00	0	0	—	9.3		25	40		16		36	9	0	16	11
WÂD MEDANI	360	5	50	00	0	2	Cc	10.4		26	38		17		11	-7	0	11	14
RENK																		0	54
ROSEIRES	360	5	35	00	0	0	—			26	40		19		35	9	0	3	49
EL OBEID	340	11	30	03	1	5	Ac	12.0		25	34		18		36	9	0	11	18
EL FÂSHER	20	2	30	00	0	0	—			20	35		12		21	-3	0	1	6
GENEINA	50	14	30	00	0	0	—			21	36		18		21	-2	0		7
MALAKÂL	90	8	30	00	0	0	—	11.3		29	39		20		10	-6	0	127	115
WÂU	00	0	30	00	0	0	—	11.2		23	38		19		69	17	0	294	218
JUBA	200	5	30	03	2	7	Ac	10.7		26	33		24		70	20	0.1	195	271

HUMIDITY

Mean of day %

STATION	on 22nd	Diff. from normal
Alexandria	71	+3
Ezbekiya	48	-5
Giza	43	-12
Helwân	36	-4

GÎZA

GRASS MINIMUM TEMP. ON 23rd 7.2 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

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

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

Remarks

RAWINSONDE

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

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

UPPER WIND OBSERVATIONS on .....

Station	Matruh				Fouad A.P				Minia				Almaza				P. Said			
Time	15				15								14				15			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	50	9			40	12			360	11			40	23			350	9		
600	320	6			40	3			360	12			50	21			360	7		
1000	290	10			270	2			360	15			50	22			30	2		
1500	300	6			40	6			340	19			80	13			70	3		
2000	280	12			20	8														
3000	300	7			330	3														
4000	330	3			10	9														
5000	320	3																		
6000	310	9																		
7000	260	16																		
8000																				

UPPER WIND OBSERVATIONS on 23rd

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabad		Luxor		Aswân		Hurghada		
Time	5		5 45		4		3				7		3 15				5 15		5		9		
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300	20	4	50	4	60	9	60	11			30	23	10	25			270	1	30	7	340	12	
600	50	3	80	3	40	9	60	1			60	7	20	30			350	9	30	12	10	6	
1000			60	4	40	16	50	14			60	19	20	19			340	5	10	12	40	13	
1500					40	12	50	9			60	27	10	12			340	14	360	10	20	5	
2000							30	10					360	11					20	10	130	8	
3000							310	4					20	9							100	7	
4000							60	2													320	7	
5000							270	2															
6000																							
7000																							
8000																							

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	5		5		5		5		4						4 30				4		4 30		3 45	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	260	17	50	12	350	10	10	5	360	11														
600	250	15	50	25	30	15	30	9	10	22					10	15							120	12
1000	260	17	10	25	10	23	30	11	10	25					20	22			20	23	10	7	30	10
1500	260	12	10	24	10	26	90	7	30	16					30	15			30	5	50	13	30	15
2000	270	12	20	23					10	9					50	8			350	9				
3000			50	7					80	6					120	6							50	4
4000			20	10					310	11														
5000			10	13																				
6000									280	26														
7000																								
8000																								

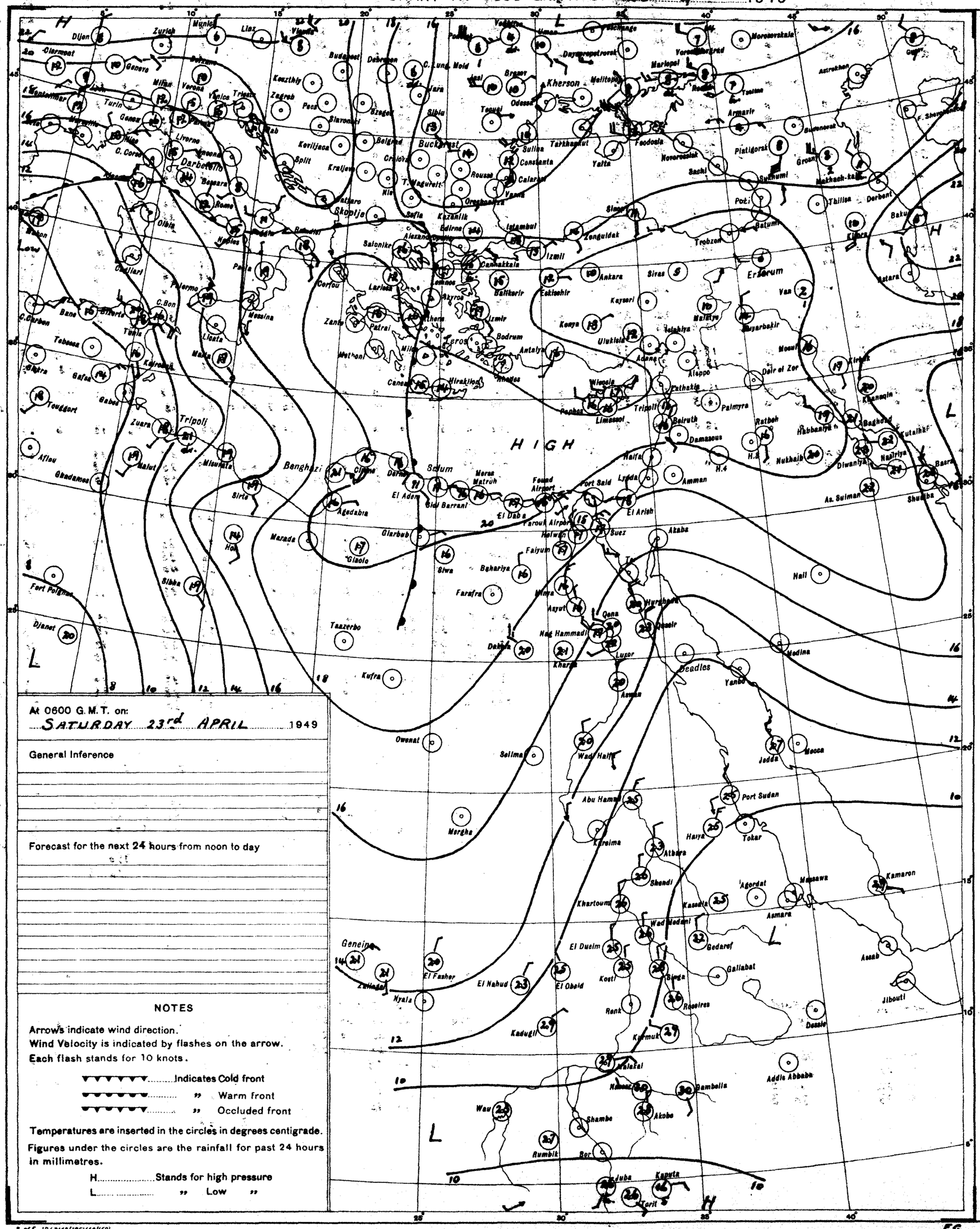
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 23 - 4 1949


HIGH
Kherson
Buckarest
Skopije
Tripoli
Benghazi
Darbeccio
Erzerum
Kufra
Owenat
Merga
Geneina
Nyala
Port Sudan
Tokar
Khartoum
Wad Medani
Gedaref
Asmara
Massawa
Kassala
Kamaron
Asab
Jibouti
Dessie
Addis Abbaba
Gambella
Akobe
Juba
Kapoeta
Torit
Wau
Rumbik
Kadugli
El Fasher
El Nahud
El Obeid
El Dueim
Kosti
Renk
Malakal
Bor
Shambe
Wadi Halfa
Abu Hamed
Karima
Atbara
Shendi
Haiya
Jedda
Mecca
Medina
Yanbo
Beadles
Luxor
Aswan
Qena
Asyut
Minya
Faiyum
Baharia
Farafra
Siwa
Sollum
Mersa Matruh
El Daba
El Arish
Suez
Akaba
Amman
Haifa
Beirut
Damascus
Palmyra
Ratbeh
Baghdad
Kutalhaf
Basra
Shuaiba
As Suiman
Diwaniya
Nasiriya
Nukhaib
Habbaniya
Mosul
Kirkuk
Khaneqin
Deir el Zor
Aleppo
Latakia
Tripoli
Limassol
Nicosia
Famagusta
Rhodes
Crete
Hiraklion
Canea
Athens
Lemnos
Skyros
Izmir
Bodrum
Antalya
Konya
Ulukisla
Kayseri
Malatya
Diyarbakir
Van
Sivas
Ankara
Eskisehir
Balikesir
Canakkale
Izmit
Istanbul
Zonguldak
Trabzon
Batumi
Sinop
Poti
Tbilisi
Derbent
Baku
Astara
Kizlar
Groznyi
Makhach-kala
Sukhumi
Sochi
Novorossiysk
Yalta
Feodosia
Tuapse
Armavir
Stavropol
Astrakhan
Mariupol
Rostov
Taganrog
Voroshilovgrad
Dnyepropetrovsk
Melitopol
Odessa
Tecuci
Braila
Galati
Iasi
Cernauti
Sibiu
Arad
Oradea
Debrecen
Budapest
Szeged
Pecs
Kecskemet
Zagreb
Sarajevo
Belgrad
Nis
Skopje
Split
Kraljevo
Kragujevac
Zadar
Rab
Venice
Trieste
Verona
Milan
Genova
Turin
Livorno
Ancona
Bari
Brindisi
Taranto
Palermo
Messina
Catania
Malta
Cagliari
Olbia
Bonifacio
Marseille
Nice
Ajaccio
Tunis
Bizerte
Kairouan
Sfax
Gabes
Tozeur
Biskra
Tebessa
Algiers
Oran
Tangier
Gibraltar
Lisbon
Madrid
Barcelona
Valencia
Palma
Malaga
Cordoba
Seville
Granada
Zurich
Munich
Lisz
Clermont
Dijon
Montelimar
Marseille
Genoa
Milan
Verona
Venice
Trieste
Zagreb
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Debrecen
Budapest
Kecskemet
Sibiu
Arad
Oradea
Cernauti
Iasi
Braila
Galati
Tecuci
Odessa
Kherson
Melitopol
Mariupol
Rostov
Taganrog
Voroshilovgrad
Dnyepropetrovsk
Yekaterinoslav
Kharkov
Poltava
Kiev
Gomel
Moscow
Smolensk
Minsk
Vitebsk
Riga
Tallinn
Helsinki
Leningrad
Murmansk
Archangel
Vologda
Kazan
Saratov
Astrakhan
Orenburg
Perm
Sverdlovsk
Tyumen
Omsk
Novosibirsk
Barnaul
Tomsk
Krasnoyarsk
Irkutsk
Yakutsk
Vladivostok
Khabarovsk
Petropavlovsk
Alma Ata
Tashkent
Samarkand
Bukhara
Ashkhabad
Tbilisi
Yerevan
Baku
Tehran
Mashhad
Kabul
Peshawar
Karachi
Quetta
Lahore
Delhi
Jodhpur
Bombay
Poona
Hyderabad
Madras
Bangalore
Calcutta
Dacca
Rangoon
Mandalay
Bangkok
Hanoi
Saigon
Manila
Hong Kong
Canton
Shanghai
Nanking
Hankow
Chungking
Kunming
Lhasa
Ulan Bator
Peking
Tientsin
Mukden
Harbin
Tokyo
Osaka
Fukuoka
Sapporo
Seoul
Pusan
Taipei
Kyoto
Nagoya
Sendai
Niigata
Kagoshima
Naha
Bangkok
Singapore
Medan
Jakarta
Surabaya
Bandung
Kuala Lumpur
Penang
Ipoh
Kuching
Sandakan
Manila
Baguio
Cebu
Davao
Zamboanga
Iloilo
Cagayan
Legaspi
Tacloban
Dumaguete
Koror
Yap
Truk
Ponape
Kwajalein
Majuro
Tarawa
Funafuti
Nauru
Rabaul
Port Moresby
Lae
Madang
Kavieng
Noumea
Suva
Nadi
Apia
Pago Pago
Honolulu
Hilo
Kahului
Lihue
Midway
Wake
Guam
Saipan
Iwo Jima
Chichi Jima
Hachijo
Nemuro
Wakkanai
Hakodate
Niigata
Kanazawa
Matsue
Hiroshima
Kochi
Miyazaki
Kagoshima
Naha
Ishigaki
Taipei
Hong Kong
Macao

CAIRO
Time of Sunrise 03 19 G. M. T.
" " Sunset 16 27 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: SUNDAY 24TH APRIL, 1949

At 1200 on Sabr 23rd

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALUM	90	3	7	01	0	2	-	19.2	22	44	9
	62303	SIDI BARANI	20	10	50	01	0	2	Ac	20.0	18	23	15
	62306	MATRUH											
	62309	EL DABA	40	12		00	0	0	-	19.4	19	64	12
		ALEXANDRIA	40	10	50	00	0	0	-	18.6	18	73	13
	62318	FOUAD (Airport)	360	14	18	02	0	0	-	19.5	19	64	12
	62330	DAMIETTA	340	5	15	00	0	0	-		19	73	14
	62333	PORT SA'ID	80	10	18	01	0	0	-	18.2	20	73	15
	62336	EL 'ARISH	360	9	35	01	0	0	-	17.5	18	83	15
LOWER EGYPT	62339	DAMANHUR	20	13	15	02	0	0	-	19.4	23	44	10
	62342	MANSURA	20	9	35	00	0	0	-	18.0	25	47	13
	62348	TANTA	90	5	35	02	1	0	-	18.7	26	42	12
	62354	ZAGAZIG	40	9	15	00	0	0	-	17.1	25	42	11
	62441	ISMAILIA	20	9	15	02	0	0	-	16.8	25	28	5
CAIRO AREA	62366	FAROUK (Airport)	60	13		00	0	0	-	16.4	27	33	9
	62372	ALMAZA	40	15	30	00	0	0	-	16.1	26	30	7
		EZBEKIYA	360	7	35	00	0	0	-	16.6	27	27	6
		GIZA	360	7	35	00	0	0	-	16.3	26	23	4
	62378	HELWAN	20	13	50	02	0	0	-	15.6	27	20	2
UPPER EGYPT	62381	FAIYUM	360	5	35	02	0	0	-	14.8	28	22	4
	62387	MINYA	10	9	14	00	0	1	Ci	14.7	29	17	1
	62393	ASYUT MANQABAD	340	3	30	00	0	0	-	13.4	30	16	1
	62399	NAG' HAMMADI	360	4	7	00	0	0	-	12.9	32	10	-3
	62402	QENA	270	5	50	00	0	0	-	12.7	34	14	3
	62405	LUXOR											
	62414	ASWAN	20	7	50	00	0	0	-	11.5	32	6	-11
OASES	62417	SIWA	140	4	35	00	0	0	-	19.6	30	57	21
	62420	BAHARIYA	260	3	35	02	1	4	Ac	17.5	28	12	-4
	62423	FARAFRA											
	62432	DAKHLA	320	11	50	00	0	0	-	14.2	28	7	-11
	62435	KHARGA	360	2	35	00	0	0	-	14.7	30	21	5
RED SEA	62450	SUEZ	360	7	35	02	0	0	-	13.6	28	27	7
	62459	TOR	310	4	50	00	0	0	-	12.7	24	54	14
	62462	HURGHADA	360	8		00	0	0	-	13.3	24	65	17
	62465	QUSEIR	360	19	15	02	0	0	-	13.5	25	47	13
	62641	PORT SUDAN	50	16	30	02	2	8	Ci	11.0	28	49	16
NORTH SUDAN	62600	WADI HALFA	310	4	30	00	0	0	-	11.9	31	9	-6
	62640	ABU HAMAD	20	5	50	02	2	0	-	8.0	35	13	3
	62660	KAREIMA	340	5	30	10	1	0	-	8.2	34	9	-4
	62680	'ATBARA	10	9	50	01	0	2	Ac	6.6	35	13	3
	62721	KHARTUM	340	7	30	01	1	4	Ac.Ci	7.5	35	6	-8
	62730	KASSALA	300	5	30	00	0	0	-	3.6	39	18	11
CENTRAL SUDAN	62751	WAD MEDANI											
	62801	RENK											
	62802	ROSEIRES	270	9	35	00	0	0	-		40	14	8
	62771	EL OBEID											
	62760	EL FASHER	330	7	30	01	1	1	Ac		36	10	-1
	62770	GENEINA											
S. SUDAN	62840	MALAKAL											
	62880	WAU											
	62941	JUBA	100	35	30	03	2	8	Ci.Ci	5.6	34	36	17

At 1800 on Sabr 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.
SALUM	40	8	7	01	0	0	-	19.0	17	77	13	0
SIDI BARANI	60	4	35	02	0	2	Ac	19.9	16	88	14	0
MATRUH												
EL DABA	40	10		00	0	0	-	19.0	18	60	10	0
ALEXANDRIA	40	5	3	01	1	3	Sc.Ci	19.2	16	77	12	0
FOUAD (Airport)	360	8	14	02	0	0	-	18.4	15			0
DAMIETTA	340	5		02	0	0	-	17.8	17	88	15	0
PORT SA'ID	30	14	12	02	0	0	-	17.3	17	88	15	0
EL 'ARISH	360	2	7	01	0	0	-		16	88	14	0
DAMANHUR	20	9	15	02	0	0	-	19.0	15	77	11	0
MANSURA	360	5	3	00	0	0	-	18.0	16	88	14	0
TANTA	00	0	35	02	0	0	-	19.0	17	60	9	0
ZAGAZIG	40	5	3	00	0	0	-	17.6	17	77	13	0
ISMAILIA	20	2	7	02	0	0	-	17.2	17	77	13	0
FAROUK (Airport)												
ALMAZA												
EZBEKIYA	360	3	15	00	0	0	-	17.0	19	46	7	0
GIZA	360	3	15	00	0	0	-	17.4	20	44	7	0
HELWAN	20	13	35	02	0	0	-	17.2	19	46	7	0
FAIYUM	360	4	35	02	0	0	-	16.0	20	46	8	0
MINYA	360	5	12	01	0	1	Ci	14.8	19	46	7	0
ASYUT MANQABAD												
NAG' HAMMADI	00	0		00	0	0	-	12.4	23	38	8	0
QENA	270	5	7	00	0	0	-	12.8	24	26	3	0
LUXOR	340	3	12	00	0	0	-	11.4	26	16	-2	0
ASWAN	360	5	50	00	0	0	-	11.5	29	10	-6	0
SIWA	00	0	7	00	0	0	-	18.2	22	50	11	0
BAHARIYA	360	2	15	02	1	3	Ac	16.7	21	26	1	0
FARAFRA												
DAKHLA	280	6	35	00	0	0	-	14.8	24	24	2	0
KHARGA	360	1	15	00	0	0	-	14.4	23	38	3	0
SUEZ	00	0	15	02	0	0	-	15.4	19	64	12	0
TOR	310	2	50	00	0	0	-	13.1	22	50	11	0
HURGHADA	320	14		00	0	0	-	12.1	23	65	16	0
QUSEIR	360	9	15	02	0	0	-	12.3	22	65	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 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.	Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	220	1	7	02	0	0	-	18.0		20	22		11		41	6	0		
SIDI BARANI	00	1	50	01	0	0	-	18.6		18	19		9		73	13	0	276	
MATRUH																			
EL DABA			00	00	0	0	-	18.4		20			13?		64	13	0	171	
ALEXANDRIA	360	5	50	00	0	0	-	18.3	+4.1	19	20	-4	15	-1	73	14	0	266	183
FOUAD (Airport)	40	5	18	02	4	0	-	17.9		20	20		11		64	13	0	265	138
DAMIETTA	340	2	3	02	0	0	-	17.0	+3.0	18	20		11		73	13	0	318	103
PORT SA'ID	360	7	11	02	0	0	-	16.9		17	20		15		83	14	0	70	
EL 'ARISH			35	03	2	5	Ci	17.1	+3.3	18	19	-6	14	+1	83	15	0		90
DAMANHUR	40	5	15	02	0	0	-	18.6	+4.5	18	24	-4	12	-1	73	13	0	102	97
MANSURA	360	5	35	00	0	0	-	17.9	+3.6	19	26	-3	10	-3	73	14	0	49	51
TANTA	00	0	35	02	0	0	-	18.7	+4.3	15	26	-3	7	-5	88	13	0	34	39
ZAGAZIG	40	2	7	00	0	0	-	17.9	+3.5	16	26	-3	10	-2	88	14	0	21	26
ISMAILIA	160	2	1.5	42	4	0	-	17.1		17	26		12		77	13	0	14	
FAROUK (Airport)											27								
ALMAZA											27								
EZBEKIYA	20	5	15	03	0	1	Ci	17.4	+3.3	17	27	-3	12	-3	77	13	0	8	24
GIZA	20	6	15	03	0	1	Ci	17.2	+3.0	17	27	-3	12	0	72	12	0	16	24
HELWAN	20	5	15	00	0	1	Ac	17.0	+3.3	17	28	-2	14	-2	64	9	0	16	27
FAIYUM	20	5	35	02	1	3	St	16.4	+2.6	17	28	-3	13	-1	68	11	0	6	8
MINYA	20	15	10	01	1	2	Ci	15.8		16	31		12		68	10	0	5	
ASYUT MANQABAD	270	2	30	00	0	2	Ci	15.4		17	32		12		60	9	0	0	
NAG' HAMMADI	270	3	8	00	0	0	-	13.9	+1.5	20	33		14		46	8	0	0	
QENA	240	9	15	00	0	0	-	13.1	+1.3	22	36	0	16	-1	36	6	0	dr	
LUXOR	270	5	30	00	0	1	Ci	12.7		25	34		15		32	7	0	dr	
ASWAN	360	2	50	00	0	0	-	13.3	+1.4	22	34	-3	17	-4	27	2	0	dr	
SIWA	90	5	35	00	0	0	-	19.1	+4.1	18	31	0	10	-3	60	10	0	dr	8
BAHARIYA	360	5	35	02	1	3	Ac	18.2	+3.8	15	28	-4	11	-3	77	11	0	dr	7
FARAFRA																		dr	
DAKHLA	270	3	35	00	0	0	-	15.8	+2.5	19	30	-5	14	-2	23	-3	0	dr	
KHARGA	360	2	35	00	0	0	-	14.3	+1.7	23	31	-4	17	0	32	5	0	0	
SUEZ	00	0	35	00	0	0	-	15.5	+1.8	17	30	0	13	-3	77	13	0	12	16
TOR	310	2	15	00	0	0	-	15.0	+3.2	21			14	-3	53	11	0	dr	13
HURGHADA	320	18		00	0	0	-	12.3		21	24		14		57	12	0	7	
QUSEIR	360	9	15	00	1	3	Ci	12.6	+0.9	24	27		18	-3	38	9	0	0	4
PORT SUDAN	330	7		00	0	1	Ac	11.7		27	30		15		42	13	0	34	96
WADI HALFA																		4	
ABU HAMAD				00	0	0	-	11.4		26	36		16		42	12	0		
KAREIMA	20	4	30	00	0	0	-	12.4		24	38		15		15	-5	0	3	1
'ATBARA	360	5	30	00	0	0	-	10.7		25	37		17		9	-11	0	7	3
KHARTUM	350	10	30	02	0	0	-	11.4		25	37		20		54	15	0	10	5
KASSALA	360	2	30	00	0	0	-	8.6		27	39		16		33	9	0	16	11
WAD MEDANI	20	9	50	00	0	0	-	10.4		26	39		16				0	11	14
RENK																		0	55
ROSEIRES																		3	50
EL OBEID	340	10	30	00	0	0	-	12.2		23	36		17		38	8	0	11	18
EL FASHER	360	5	30	00	0	0	-			19	35		12		12	-11	0	1	6
GENEINA	20	13	30	00	0	0	-			22	36		18		20	-2	0		7
MALAKAL	30	10	30	02	0	1	Ci	9.7		28	38		21		12	-4	0	127	116
WAU	00	0	30	01	1	3	Ci	9.6		26	39		21		40	11	0	294	220
JUBA																		195	225

HUMIDITY % Mean of day

STATION	on 23rd	Diff. from normal
Alexandria	76	+8
Ezbekiya	55	+3
Giza	53	-1
Helwan	40	0

GIZA GRASS MINIMUM TEMP.

ON 24th 9.8 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

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

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

UPPER WIND OBSERVATIONS on 23rd

STATION	Port-Said				Minya				Fouad A.P.																			
TIME	14				15				15 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.	DIR.	VEL.
300	20	16			350	22			40	11																		
600	40	13			350	27			40	10																		
1000	30	12			350	23			40	5																		
1500	50	5			360	22			30	3																		
2000					360	23			280	9																		
3000					300	11			260	10																		
4000									260	13																		
5000																												
6000																												
7000																												
8000																												

UPPER WIND OBSERVATIONS on 24th

STATION	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SA'ID		EL 'ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA		
TIME			5 45		5		4				6 30				9		5 30		5				
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300			100	4	30	10	20	12			20	10			310	11	280	4	10	4				
600			300	9	30	9	20	14			30	15			340	10	320	4	350	17				
1000			50	6	10	12	360	15			20	22			340	7	360	12	360	10				
1500			70	12	350	14	360	16			70	11			350	5	360	6	340	9				
2000			340	18	360	17					350	6			300	9	350	8	280	12				
3000			360	21	330	19					240	8			290	13								
4000			320	14							290	11												
5000											280	19												
6000											290	27												
7000																								
8000																								

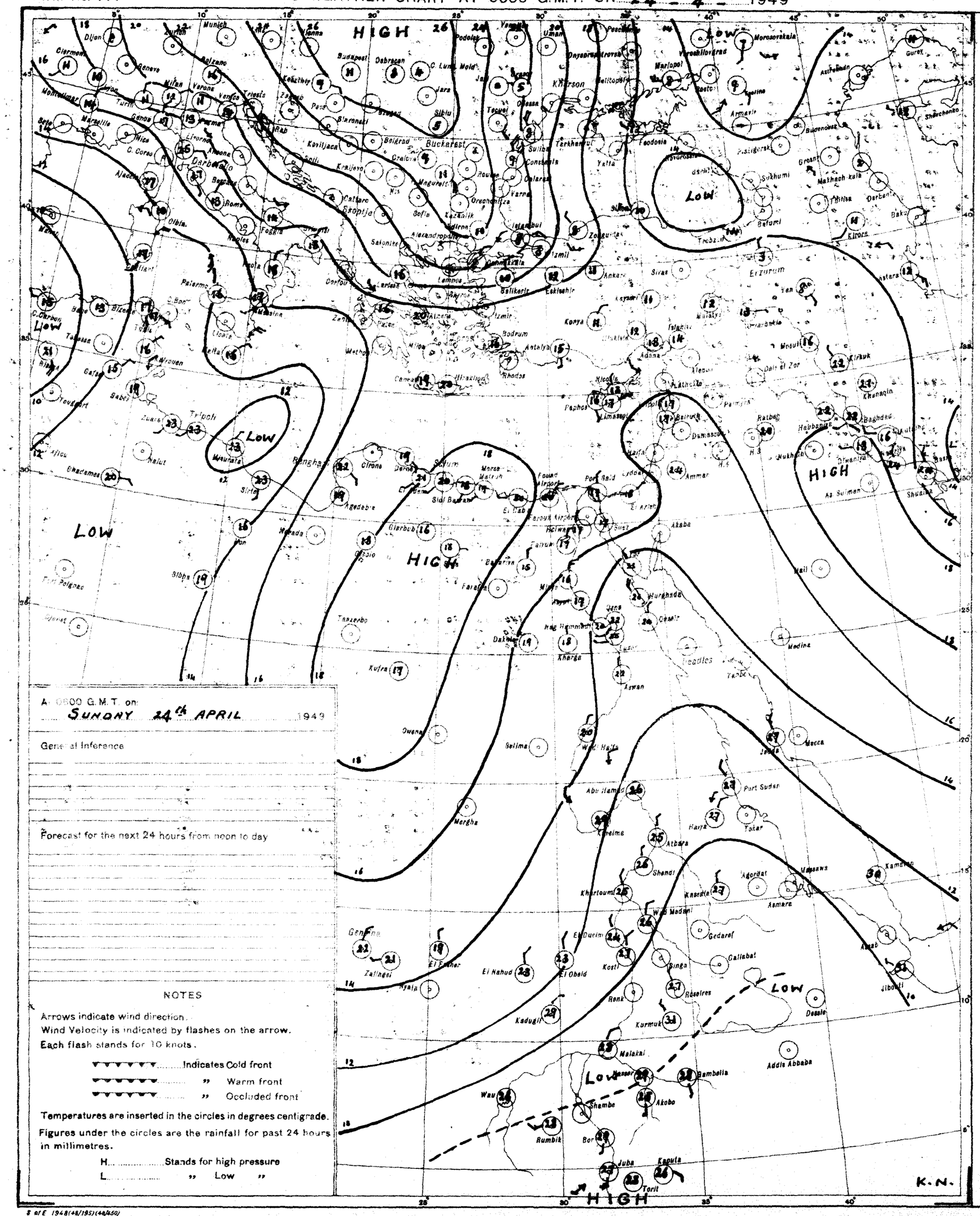
STATION	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME	5		5		5		5 15				3 45		4				4		3 30		4 30		4 45	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	90	16	40	14	40	9	10	10																
600	90	10	50	21	30	15	20	11			10	23	20	27			360	6					20	17
1000	350	4	40	20	10	25					10	19	20	19			10	7	10	22	360	9	10	28
1500	350	16	10	24	340	25					50	17	20	11			360	6	40	13	50	17	20	5
2000	350	16	10	23							170	5	270	3			310	5	270	4	40	6		
3000	320	17	350	24							270	9	350	11					280	16	350	6	30	10
4000																			240	17				
5000																								
6000																								
7000																								
8000																								

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

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 24 - 4 - 1949



At 0600 G.M.T. on
SUNDAY 24th APRIL 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

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

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

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

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	" or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	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		0
Cirrus	Ci	1
Cirrostratus	Cs	2
Cirrocumulus	Cc	3
Altocumulus	Ac	4
Altostratus	As	5
Stratocumulus	Sc	6
Nimbostratus	Ns	7
Cumulus or Fractocumulus	Cu or Fc	8
Cumulonimbus	Cb	9
Stratus or Fractostratus	St or Fs	0

AMOUNT OF CLOUD

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

S of E 1948(48/195)(44/450)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 12 G. M. T.
" " Sunset 16 28 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: MONDAY 25 th APRIL, 1949

At 1200 on Sun 24 th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	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	4	7	02	0	0	-	18.2	25	54	15
	62303	SÎDI BARÂNI	40	7	50	03	0	1	Ac	17.4	22	50	11
	62306	MATRÛH	80	9		00	0	0	-	17.4	21	50	10
	62309	EL DABA	320	14		00	0	0	-	17.5	22	57	33
		ALEXANDRIA	310	6	50	00	0	0	-	16.8	19	73	14
	62318	FOUAD (Airport)	300	14	18	00	0	0	-	16.7	21	47	9
	62330	DAMIETTA	340	5	15	02	0	0	-	15.5	19	73	14
	62333	PORT SA'ID	360	15	30	02	0	0	-	15.4	19	78	15
	62336	EL 'ARISH	320	2	35	01	1	6	Cu	15.5	19	83	16
Lower Egypt	62339	DAMANHUR	40	13	15	02	0	0	-	15.7	23	38	8
	62342	MANSURA	320	5	35	00	0	0	-	15.4	25	42	11
	62348	TANTA	310	13	35	02	0	0	-	15.1	25	28	5
	62354	ZAGAZIG	320	5	15	00	0	0	-	14.7	27	37	11
	62441	ISMA'ILIA			7	02	0	0	-	14.4	25	34	8
Cairo Area	62366	FAROUK (Airport)											
	62372	ALMAZA											
		EZBEKIYA	360	6	35	00	0	0	-	14.6	26	30	7
		GIZA	360	6	35	00	0	0	-	14.4	26	29	6
	62378	HELWÂN	340	10	15	02	0	0	-	13.6	25	28	5
Upper Egypt	62381	FAIYÛM	20	5	35	01	0	0	-	14.0	26	25	4
	62387	MINYA	10	14	10	01	0	1	Cu	13.5	28	22	4
	62393	ASYUT MANQABAD	340	6	30	03	0	4	Cu	12.2	28	16	0
	62399	NAG' HAMMADI	360	2	15	00	0	0	-	10.4	31	17	3
	62402	QENA	270	5	50	03	0	3	Cu	10.2	35	15	5
	62405	LUXOR	180	3	30	00	0	2	Cu	9.8	34	10	-2
	62414	ASWÂN	340	8	50	01	1	2	As	10.3	32	10	-4
Oases	62417	SÎWA	00	0	35	00	0	0	-	18.2	29	46	16
	62420	BAHARÎYA	360	3	35	02	1	4	Ac	15.1	27	20	2
	62423	FARAFRA											
	62432	DAKHLA	360	11	50	00	0	3	St.Ac	13.5	28	16	0
	62435	KHARGA	360	3	35	00	0	0	-	12.3	30	22	6
Red Sea	62450	SUEZ	360	6	35	02	0	0	-	12.4	26	37	10
	62459	TÛR											
	62462	HURGHÂDA	350	15		03	1	6	Cu	10.2	23	65	16
	62465	QUSEIR	20	7	15	03	1	4	As	11.4	24	69	18
	62641	PORT SUDÂN	60	12	30	00	0	0	-	8.6	29	59	20
North Sudan	62600	WÂDI HALFA											
	62640	ABU HAMAD	310	2	30	00	0	0	-	7.0	36	15	6
	62660	KAREIMA	340	6	30	00	0	0	-	7.9	35	10	-1
	62680	'ATBARA	360	5	30	00	0	0	-	5.9	36	6	-8
	62721	KHARTÛM	340	3	30	02	0	0	-	6.5	35	6	-8
	62730	KASSALA	340	2	30	00	0	0	-	2.4	40		
Central Sudan	62751	WÂD MEDANI	310	9	35	00	0	0	-	4.7	38		
	62801	RENK											
	62802	ROSEIRES	230	5	35	00	0	0	-		40	14	8
	62771	EL OBEID	360	7	30	00	0	0	-	6.1	36	11	1
	62760	EL FÂSHER	10	9	30	00	0	0	-		34	16	-3
	62770	GENEINA	50	4	30	00	0	0	-		36	11	5
S. Sudan	62840	MALAKÂL	100	4	30	00	0	1	Cu	4.3	39	4	-10
	62880	WÂU	00	0	30	00	0	0	-	3.9	39	12	4
	62941	JUBA	130	5	30	15	2	6	Cu.Ac	6.2	35	35	17

At 1800 on Sun. 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												
SÎDI BARÂNI	110	3	35	02	0	1	Ac	17.5	17	88	15	0
MATRÛH	00	0	13	03	0	2	Sc	17.8	16	73	12	0
EL DABA	320	9		00	0	0	-	16.2	16	78	11	0
ALEXANDRIA	310	9	3	00	0	0	-	17.4	16	77	12	0
FOUAD (Airport)	320	10	12	02	0	0	-	16.2	16	77	12	0
DAMIETTA	340	5		03	1	1	Cu	15.5	16	81	14	0
PORT SA'ID	350	10	14	03	0	4	Sc	15.6	17	83	14	0
EL 'ARISH			7	01	0	2	Cu	15.2	16	88	14	0
DAMANHUR	40	9	15	02	0	0	-	17.0	15	88	9	0
MANSURA	320	5	3	00	0	0	-	16.2	17	77	13	0
TANTA	310	2	35	01	1	3	Cu	17.0	17	60	9	0
ZAGAZIG	320	5	3	00	0	0	-	16.3	17	77	13	0
ISMA'ILIA	20	8	5	02	0	0	-	16.8	18	73	13	0
FAROUK (Airport)												
ALMAZA	360	14	18	00	0	0	-	15.5	20	60	12	0
EZBEKIYA	360	9	15	00	0	0	-	15.2	19	66	7	0
GIZA	360	9	15	00	0	0	-	15.6	19	50	8	0
HELWÂN	360	9	15	02	0	0	-	14.8	20	41	6	0
FAIYÛM	20	5	35	02	0	0	-	14.8	21	33	4	0
MINYA	360	8	8	02	0	1	Cu	14.1	18	46	6	0
ASYUT MANQABAD												
NAG' HAMMADI												
QENA	290	5	15	00	0	0	-	11.1	24	26	3	0
LUXOR	270	5	7	01	1	2	Cu	10.0	24	38	9	0
ASWÂN	00	0	12	02	1	3	Cu	10.2	26	18	0	0
SÎWA	00	0	50	00	0	0	-	9.4	27	14	-2	0
BAHARÎYA	00	0	7	00	0	0	-	17.0	24	67	16	0
FARAFRA	360	4	15	02	1	0	-	15.6	23	24	1	0
DAKHLA												
KHARGA												
SUEZ	320	6	25	00	0	0	-	14.0	26	13	-5	0
TÛR	00	0	15	00	0	0	-	13.0	24	26	3	0
HURGHÂDA												
QUSEIR	300	12		01	0	0	-	7.8	25	42	11	0
PORT SUDÂN	360	7	15	07	0	0	-	10.3	22	65	15	0
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on MONDAY 25 th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	180	1	7	03	0	3	Cu	21.0		15			12		68	9	0		
SÎDI BARÂNI	00	3	50	03	0	6	As	17.4		15	22		10		95	15	0	276	
MATRÛH	340	7	15	01	0	0	-	18.2		17	23		9		72	12	0		
EL DABA	320	15		00	0	0	-	18.3		18	22		11		73	13	0		
ALEXANDRIA	310	6	50	02	1	4	Sc.Cu	15.9	+1.7	18	21	-3	15	-1	83	15	0	266	183
FOUAD (Airport)	290	6	18	03	0	2	Sc	16.5		18	22		12		78	14	0	265	138
DAMIETTA	320	2		00	0	0	-	15.4	+1.4	18	21		11		83	15	0	318	103
PORT SA'ID	320	8	12	01	0	0	-	15.1		18	21		16		83	15	0	70	
EL 'ARISH	220	2	35	03	2	7	Cu	15.2	+1.4	18	20	-5	13	0	83	15	0	tr	91
DAMANHUR	260	5	3	02	0	0	-	16.8	+2.7	18	24	-4	11	-2	73	13	0	102	98
MANSURA	320	5	35	00	0	0	-	15.8	+1.5	18	26	-3	13	0	73	13	0	49	51
TANTA	310	5	35	02	1	3	Cu	16.8	+2.5	17	26	-3	9	-3	77	13	0	34	39
ZAGAZIG	220	5	7	00	0	0	-	16.6	+2.2	18	28	-1	11	-2	83	15	0	21	26
ISMA'ILIA	20	2	3	02	1	4	Ac	16.2		19	26		13		73	14	0	14	
FAROUK (Airport)	270	5	12	01	1	5	Sc	16.3		20						6	0		
ALMAZA	340	16	13	01	2	5	Sc	15.2	+1.2	14	27				77	10	0	tr	
EZBEKIYA	360	6	15	03	0	1	Cu	16.3	+2.3	16	27	-3	13	-2	77	12	0	8	24
GIZA	360	6	15	03	0	1	Cu	16.4	+2.3	15	27	-3	11	-1	77	11	0	16	24
HELWÂN	00	0	15	00	0	0	-	16.3	+2.6	15	26	-4	12	-3	68	9	0	16	27
FAIYÛM	29	5	35	02	0	0	-	16.7	+2.9	16	27	-4	12	-2	77	12	0	6	8
MINYA	360	11	10	00	0	0	-	16.1		16	29	-2	8		68	10	0	5	
ASYUT MANQABAD	270	2	30	00	0	0	-	15.4		16	30		12		64	9	0	0	
NAG' HAMMADI	270	5	3	00	0	0	-	14.0	+1.6	17			15		52	9	0	0	
QENA	270	5	15	00	0	0	-	12.6	+0.9	23	36	0	16	-2	32	5	0	tr	
LUXOR	340	7	30	00	0	0	-	12.6		23	35		14		32	5	0	tr	
ASWÂN	360	4	50	01	1	0	-	12.7	+0.9	23	34	-3	18	-3	34	6	0	tr	
SÎWA	00	0	35	00	0	0	-	17.8	+2.8	20	30	-1	10	-3	41	6	0	tr	8
BAHARÎYA	360	3	35	02	0	2	Ac	16.8	+2.8	18	29	-3	11	-3	37	3	0	tr	7
FARAFRA																		tr	
DAKHLA	340	3	35	00	0	0	-	15.4	+2.2	18	31	-4	16	0	20	-5	0	tr	
KHARGA	360	8	35	00	0	0	-	15.9	+3.4	20	30	-5	16	-1	46	8	0	0	
SUEZ	00	0	35	00	0	0	-	14.8	+1.1	17	28	-2	12	-4	68	11	0	12	16
TÛR																		tr	13
HURGHADA	330	19		00	0	0	-	12.0		20	25		16		69	14	0	0	
QUSEIR	360	17	15	02	0	0	-	11.4	-0.2	23	25	-4	18	-3	59	15	0		4
PORT SUDÂN	90	1	30	00	0	0	-	9.2		27	31		15		45	14	0	34	96
WÂDI HALFA	100	18	30	01	0	0	—				34		14			1	0	tr	
ABU HAMAD	50	13	30	00	0	0	-	11.2		24	36		16		22	1	0		
KAREIMA	360	11	30	00	0	0	-	11.8		25	36		18		11	-8	0	3	1
'ATBARA	340	5	30	00	0	0	-	9.6		26	37		18		6	-15	0	7	3
KHARTÛM	360	8	30	00	0	0	-	10.7		25	36		21		9	-11	0	10	5
KASSALA	360	2	30	00	0	0	-	7.7		27	40		17		31	10	0	16	11
WÂD MEDANI	360	9	50	00	0	0	-	7.8		28	39		17		6	-13	0	11	14
RENK	50	9	50	00	0	0	—	9.5		30	40		20		13	-1	0	0	55
ROSEIRES	310	5	35	00	0	0				23	40		18		41	9	0	3	50
EL OBEID	350	10	30	02	0	1	Cu	11.7		29	38		18		7	-11	0	11	18
EL FÂSHER	10	5	30	00	0	0	-			20	35		13		17	-6	0	1	6
GENEINA	50	13	30	00	0	0	-			22	37		17		25	1	0	tr	7
MALAKÂL	50	4	30	02	0	1	Cu	7.7		30	40		19		9	-6	0	127	117
WÂU	00	0	30	00	0	0	-	7.6		25	41		21		51	14	0	294	222
JUBA	180	7	14	03	2	8	Ac	9.4		27	36		25		66	20	0	195	280

HUMIDITY

Mean of day

Station	on 24 th	Diff. from normal
Alexandria	73	+5
Ezbekiya	57	+5
Gîza	58	+4
Helwân	46	+6

GÎZA
GRASS MINIMUM TEMP. ON 25 th 7.4 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

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

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

UPPER WIND OBSERVATIONS on 24 th

Height m.	Fouad A.P. Dir.	Vel.	Port-Said Dir.	Vel.	Minya Dir.	Vel.
Time	15		14		15	
300	350	16	340	18	350	52
600	340	18	330	18	350	49
1000	350	18	330	19	350	50
1500	10	22	330	10	330	57
2000	350	18	360	5	350	57
3000	320	14	10	4		
4000						
5000						
6000						
7000						
8000						

UPPER WIND OBSERVATIONS on 25 th

Height m.	Sîdi Barâni Dir.	Vel.	Matrûh Dir.	Vel.	Fouad Airport Dir.	Vel.	Port Said Dir.	Vel.	El 'Arîsh Dir.	Vel.	Helwân Dir.	Vel.	Minya Dir.	Vel.	Asyût Manqabâd Dir.	Vel.	Luxor Dir.	Vel.	Aswân Dir.	Vel.	Hurghada Dir.	Vel.	Almaza Dir.	Vel.
Time	5		6		5		4						3		8		5 30						10 30	
300	30	11	330	11	300	7	320	10					10	14	340	17	340	5					360	3
600	40	13	260	16	360	4	360	13					10	15	350	17	20	10					10	6
1000	10	8	260	16	340	12	340	15					10	15	360	23	30	8					360	8
1500	20	11	280	23	350	16	10	18					30	17	350	28							350	8
2000	310	23			340	19	20	12					20	20	340	23							350	13
3000					330	12																		
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Siwa Dir.	Vel.	Baharîya Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Wâdi Halfa Dir.	Vel.	Abû Hamad Dir.	Vel.	Kareima Dir.	Vel.	Khartûm Dir.	Vel.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fâsher Dir.	Vel.	Malakâl Dir.	Vel.
Time	5		5		5		5 15		4				4						3 45		4 30		4	
300	110	12	30	13	30	8	330	9	20	11														
600	110	3	30	21	40	12	10	13	20	25			10	30									110	8
1000	360	5	10	23	10	23	10	13	10	27			10	18					10	27	10	6	20	7
1500	340	8	360	27	350	34	50	15	350	17			330	9					20	5	60	12	10	5
2000	360	20	350	41					10	14			60	4					300	8	270	5	10	4
3000	360	30							330	11			300	7							270	15	90	7
4000	10	30											280	11										
5000	350	31											270	10										
6000																								
7000																								
8000																								

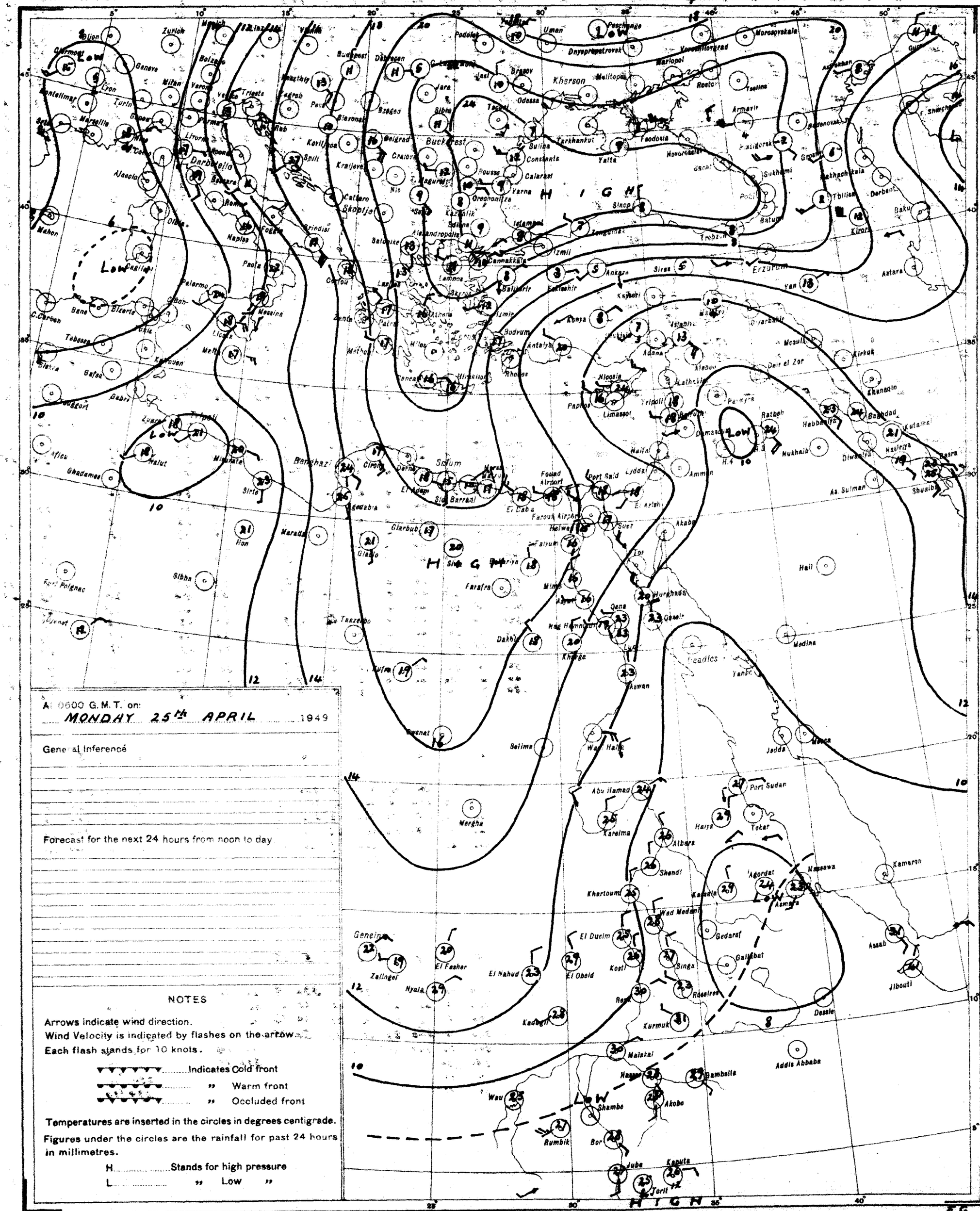
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 25 - 4 - 1949


LOW
HIGH
Kherson
Bucharest
Darbandello
Skoplje
Kayseri
Erzurum
Tripoli
Benghazi
Sidi Barrani
Port Said
Suez
Khartoum
Port Sudan
Asmara
Addis Ababa
Jibouti
Nairobi
Kampala
Juba
Malakal
Wau
Kurmuk
Gedaref
Kassala
Khartoum
Omdurman
Wadi Halfa
Aswan
Luxor
Khargha
Dakhla
Sebha
Murzuk
Tamanrasset
Biskra
Algiers
Tunis
Malta
Cairo
Alexandria
Jerusalem
Beirut
Damascus
Baghdad
Basra
Tehran
Tabriz
Tiflis
Baku
Astrakhan
Rostov
Odessa
Bucharest
Budapest
Vienna
Zurich
Munich
Rome
Naples
Palermo
Marseille
Lyon
Madrid
Lisbon
Gibraltar
Malta
Athens
Salonika
Istanbul
Ankara
Konya
Adana
Aleppo
Mosul
Kirkuk
Khanaqin
Basra
Shuaiba
Jedda
Medina
Mecca
Port Sudan
Tokar
Massawa
Asmara
Gedaref
Galabat
Kassala
Dessie
Addis Ababa
Gamballa
Akobo
Bor
Juba
Kapoeta
Torit
Rumbik
Wau
Malakal
Kurmuk
Roseires
Singa
Kosti
El Obeid
El Dueim
El Nahud
El Fasher
Nyala
Zalingei
Geneina
Kadugli
Khartoum
Atbara
Shendi
Karima
Abu Hamad

CAIRO

Time of Sunrise 3 17 G.M.T.

" " Sunset 16 29 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: Tuesday, 26th April, 1949

At 1200 on Mon. 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	SALUM	40	9	7	03	1	5	Ac	17.8	21		
	62303	SÎDI BARÂNI	40	8	50	03	2	7	As	18.4	20	64	13
	62306	MATRÛH											
	62309	EL DABA	320	10	0.8	00	0	0	—		19	73	14
		ALEXANDRIA	310	16	50	01	2	3	Sc, Ac	16.2	20	73	15
	62318	FOUAD (Airport)	300	14	14	01	4	5	Sc, Ci	16.2	20	69	14
	62330	DAMIETTA	290	5	15	03	1	1	Ac	15.2	21	57	12
	62333	PORT SA'ID	360	12	30	02	0	0	—	15.1	19	73	14
	62336	EL 'ARISH											
Lower Egypt	62339	DAMANHUR	270	9	15	02	1	1	Ci	17.2	22	50	11
	62342	MANSURA	360	5	35	00	0	0	—		27	33	9
	62348	TANTA	10	13	35	03	1	3	Cu	14.8	27	27	6
	62354	ZAGAZIG	220	5	15	00	0	0	—	15.1	28	33	10
	62441	ISMA'ILIA	70	2	3	01	0	0	—	14.4	27	27	6
Cairo Area	62366	FAROUK (Airport)											
	62372	ALMAZA											
		EZBEKIYA	360	3	35	00	0	1	Ci	14.4	27	27	6
		GÎZA	360	3	35	00	0	1	Ci	14.7	27	23	4
	62378	HELWÂN	360	6	35	02	0	0	—	14.3	26	25	4
Upper Egypt	62381	FAIYÛM	20	5	35	03	1	4	Ci	14.3	27	27	6
	62387	MINYA	30	15	12	03	0	2	Ci	14.0	28	29	8
	62393	ASYÛT MANQABÂD	360	10	30	00	0	1	Ci	13.0	28	14	−2
	62399	NAG' HAMMÂDI	250	5	7	00	0	0	—	11.0	31	12	−1
	62402	QENA	270	5	50	03	0	2	Ci	9.9	34	10	−2
	62405	LUXOR	360	11	30	00	0	1	Ci	10.4	31	12	−1
	62414	ASWÂN	00	0	50	00	0	0	—	10.3	33	16	4
Oases	62417	SÎWA	140	9	35	00	0	0	—	17.9	31	43	17
	62420	BAHARÎYA	360	4	35	03	1	4	Ac	15.4	28	16	0
	62423	FARAFRA											
	62432	DAKHLA	320	12	50	00	0	0	—	13.5	28	12	−4
	62435	KHARGA	360	12	15	00	0	0	—	13.9	29	23	6
Red Sea	62450	SUEZ	360	6	35	02	0	0	—	13.1	26	30	7
	62459	TÛR											
	62462	HURGHÂDA	360	16		00	0	0	—	11.7	24	57	15
	62465	QUSEIR	360	19	15	02	0	0	—	11.6	24	61	16
	62641	PORT SÛDÂN	80	13	30	00	0	0	—	8.7	29	62	21
North Sûdân	62600	WÂDI HALFA	20	9						11.1	31	19	5
	62640	ABU HAMAD	50	5	30	00	0	0	—				7
	62660	KAREIMA	360	6	30	00	0	0	—	7.8	35	7	−6
	62680	'ATBARA	360	9	30	00	0	0	—	5.4	37	5	−8
	62721	KHARTÛM	340	10	30	02	0	0	—	6.1	36	4	−14
	62730	KASSALA	340	2	30	00	0	0	—	2.4	40	17	11
Central Sûdân	62751	WÂD MEDANI	20	13	30	00	0	0	—	4.4	38	6	−7
	62801	RENK	360	9	50	00	0	0	—	5.6	39	10	2
	62802	ROSEIRES											
	62771	EL OBEID	20	6	30	00	0	0	—	6.1	35		
	62760	EL FÂSHER	90	9	30	00	0	0	—		35	13	3
	62770	GENEINA	180	4	30	00	0	0	—		35	20	9
S. Sûdân	62840	MALAKÂL	360	5	30	00	0	1	Ac	5.3	38	9	−1
	62880	WÂU	00	0	30	00	0	1	Cu	4.4	39	21	13
	62941	JUBA	290	9	30	15	2	6	Cu, Ac, Ci	4.7	37	29	16

At 1800 on Mon. 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	90	11	7	03	1	4	Ci	17.5	17	77	13	0
SÎDI BARÂNI	90	4	35	01	1	1	As	18.4	15	94	14	0
MATRÛH												
EL DABA	320	7	0.8	00	0	0	—		17	68	11	0
ALEXANDRIA	310	10	3	02	2	6	Cu, Sc	18.3	16	77	12	0
FOUAD (Airport)	330	8	11	03	2	6	Ci	17.2	16	77	12	0
DAMIETTA	320	2		03	1	3	Sc	16.0	17	88	15	0
PORT SA'ID	360	8	15	02	0	1	Ci	16.0	17	83	14	0
EL 'ARISH			35	01	0	7	Cu	15.2	16	88	14	0
DAMANHUR	360	9	15	03	1	2	Ci	16.7	14	77	10	0
MANSURA	320	5	3	00	0	0	—	16.3	18	83	15	0
TANTA	360	2	35	03	1	6	Cu	17.2?	18	60	10	0
ZAGAZIG	320	2	3	00	0	0	—	16.4	19	83	15	0
ISMA'ILIA	70	5	3	02	0	0	—	15.6	18	60	10	0
FAROUK (Airport)												
ALMAZA												
EZBEKIYA	360	2	15	00	0	0	—	16.4	20	64	13	0
GÎZA	360	2	15	00	0	0	—	16.4	19	61	12	0
HELWÂN	340	8	35	01	0	0	—	15.5	22	44	9	0
FAIYÛM	20	2	35	01	0	0	—	15.4	21	50	10	0
MINYA	10	5	10	01	1	4	Ci	14.4	18	46	6	0
ASYÛT MANQABÂD	10	5	10	01	1	4	Ci	14.4	18	46	6	0
NAG' HAMMÂDI	290	4	1.5	00	0	0	—	12.6	23	32	5	0
QENA	270	2	7	02	1	2	Ci	11.4	24	26	3	0
LUXOR	00	0	12	00	1	0	—	11.3	25	17	−2	0
ASWÂN	00	0	50	00	0	0	—	11.1		17	2	0
SÎWA	00	0	7	00	0	0	—	17.0	25	22	2	0
BAHARÎYA	360	5	15	02	1	4	Ac	15.8	24	32	6	0
FARAFRA												
DAKHLA	320	3	35	00	0	0	—	14.4	25	11	−8	0
KHARGA	00	0	15	00	0	0	—	14.8	24	28	4	0
SUEZ	00	0	15	02	0	0	—	14.3	21	41	7	0
TÛR												
HURGHÂDA	300	9		01	0	1	Ci	11.7	23	64	15	0
QUSEIR	360	9	15	02	0	0	—	12.2	22	65	15	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on 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.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	90	1	7	01	0	5	Ci	17.8		19	21		12		43	6	0		
SÎDI BARÂNI	90	6	50	03	1	8	As, Ci	18.7		18	20		10		73	13	0	276	
MATRÛH	130	1	13	02	1	3	Sc, Ac	19.:		17			11		77	13	0		
EL DABA	40	13	0.8	01	1	3	Cu	18.6		18	22		12		73	13	0		
ALEXANDRIA	360	5	50	03	2	4	Sc, Ac	18.6	+4.4	17	21	−3	15	−1	88	15	0	266	183
FOUAD (Airport)	330	6	14	03	0	6	Sc, Ci	18.5		18	22		12		73	13	0	265	138
DAMIETTA	320	2	3	01	1	2	Cs, Fc	18.2	+4.2	18	22		10		73	13	0	318	103
PORT SA'ID	10	5	18	01	2	5	Sc	18.2		18	20		15		73	13	0	70	
EL 'ARISH	320	5	35	02	2	7	Cu	18.6	+4.8	17	20		12	−2	88	15	0		91
DAMANHUR	40	9	7	02	1	1	Ci	19.0	+4.9	18	23	−5	12	−1	73	13	0	102	98
MANSURA	360	5	35	02	1	4	Cu	18.4	+4.2	18	28	−1	15	+2	73	13	0	49	52
TANTA	310	2	35	02	2	6	Cu	18.8	+4.5	17	28	−2	13	0	68	11	0	34	40
ZAGAZIG	320	5	7	03	0	4	Ac	17.8	+3.5	18	29	−1	15	+2	73	13	0	21	26
ISMA'ILIA	340	2	7	01	1	3	Sc	18.4		18	27		13		73	13	0	14	
FAROUK (Airport)																			
ALMAZA	30	9	18	01	1	2	Sc	18.1	+4.1	17			15		88	11	0		
EZBEKIYA	360	8	15	00	0	1	Cu	18.3	+4.3	18	28	−2	15	0	60	10	0	8	24
GÎZA	360	8	15	00	0	1	Cu	18.0	+4.0	18	28	−2	15	+3	67	12	0	16	24
HELWÂN	340	7	15	00	0	1	Ci	17.9	+4.3	17	27	−3	14	−1	68	11	0	16	27
FAIYÛM	360	8	35	03	0	2	Ci	18.0	+4.3	17	28	−4	13	−1	68	11	0	6	8
MINYA	20	10	10	02	0	2	Ci	17.1		17	28		13		68	11	0	5	
ASYÛT MANQABÂD	270	3	30	00	0	2	Ci	16.5		20			12		56	11	0	0	
NAG' HAMMÂDI	00	0	3	00	0	0	—	15.0	+2.7	20	32		13		56	11	0	0	
QENA	360	5	15	03	1	3	Ci	14.7	+3.1	23	35	−1	16	−2	32	5	0	Dr.	
LUXOR	00	0	30	02	1	4	Ci	14.3		24	34		15		26	3	0	Dr.	
ASWÂN	360	5	50	01	1	2		14.0	+2.3	21	35	−2	18	−3	38	6	0	Dr.	
SÎWA	00	0	35	00	0	0	—	18.6	+3.7	20	32	+1	13	0	41	6	0	Dr.	8
BAHARÎYA	360	2	35	02	1	4	Ac	17.8	+3.5	17	29	−3	14	0	60	9	0	Dr.	7
FARAFRA																		Dr.	
DAKHLA	100	3	35	00	0	0	—	15.8	+2.6	20	30	−5	14	−2	24	−1	0	Dr.	
KHARGA	360	4	35	00	0	0	—	15.8	+3.3	23	30	−5	18	0	44	10	0	0	
SUEZ	360	6	35	00	0	0	—	16.6	+3.0	17	28	−2	12	−4	77	13	0	12	16
TÛR																		Dr.	13
HURGHADA	310	16		03	0	3	Ci	15.3		21	24		15		50	10	0	7	
QUSEIR	360	19	15	00	1	3	Ci, Cs	14.6	+3.0	24	25	−4	19	−2	47	12	0	0	4
PORT SÛDÂN	330	11	30	00	0	0	—	12.0		27	32		16		62	19	0	34	96
WÂDI HALFA	360	7	30	03	0	1	Ci	13.6		21	33		15		31	3	0	Tr.	
ABU HAMAD	20	13	50	00	0	0	—	10.0		26	37		19		23	3	0		
KAREIMA	70	2	30	00	0	0	—	11.3		24	37		19		21	0	0	3	1
'ATBARA	340	9	30	00	0	0	—	9.0		27	38		20		19	1	0	7	3
KHARTÛM	20	8	30	01	0	0	—	9.6		27	37		22		8	−10	0	10	5
KASSALA	340	2	30	00	0	0	—	6.6		28	41		17		35	11	0	16	11
WÂD MEDANI	360	9	50	00	0	0	—	8.7		28	40		18		10	−6	0	11	14
RENK	50	9	50	00	0	0	—	9.4		30	40		23		13	−1	0	0	55
ROSEIRES	340	5	35	00	0	0	—			25	41		20		24	3	0	3	51
EL OBEID	350	9	30	00	0	0	—	9.4		26	36		19		12	−6	0	11	18
EL FÂSHER	00	0	30	00	0	0	—			21	36		13		17	−5	0	1	6
GENEINA	50	13	30	00	0	0	—			24	37		19		26	3	0	Dr.	7
MALAKÂL	90	12	30	00	0	0	—	9.3		30	40		20		6	−11	0	127	118
WÂU	00	0	30	00	0	0	—	8.7		25	39		21		54	15	0	294	224
JUBA	180	9	30			6	Ac	8.3		29	37		25		52	18	Dr.	195	285

HUMIDITY % Mean of day

Station	on 25th	Diff. from normal
Alexandria	78	+10
Ezbekîya	62	+10
Giza	66	+12
Helwân	52	+13

GÎZA GRASS MINIMUM TEMP. ON 26th 12.2 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — AIRPORT

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

RAWINSONDE — AIRPORT

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

RAWINSONDE — AIRPORT

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

UPPER WIND OBSERVATIONS on 25th

Height m.	Matruh Dir.	Matruh Vel.	Foad A.p. Dir.	Foad A.p. Vel.	Port Said Dir.	Port Said Vel.	Minya Dir.	Minya Vel.
Time	13		15		14		15	
300	350	12	340	17	350	7	360	21
600	340	10	320	20	320	16	10	16
1000	10	16	340	21	300	11	360	43
1500	240	13	330	18	320	9	360	28
2000	240	24	330	18	330	15	360	27
3000	240	16	320	16	340	9		
4000					290	22		
5000					310	21		
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 26th

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Farouk Dir.	Farouk Vel.
Time	5		4		5		5				6 45		3		9		5		5		10		3	
300	90	11	40	6	340	6	270	9			10	8	10	21	330	10	160	3	10	10	340	16	20	6
600	70	9	40	12	20	7					40	8	20	24	340	16	300	2	50	19	280	6	30	8
1000	30	10	80	19	20	10					50	18	360	35	350	21	160	1	40	23	220	2	20	9
1500	340	17	340	25	360	13					30	13	360	24	350	15			360	4	40	5	40	6
2000	340	25	340	20	70	12					90	10	350	25	30	13			70	8	180	2	30	7
3000											10	24			10	28							350	21
4000											350	23			340	17								
5000																							330	37
6000																							300	56
7000																								
8000																								

Height m.	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time	5		5		5				5						4		4				4 45		3 30	
300	100	18	50	7	80	3			20	11														
600	100	12	20	14	40	13			40	22					10	22	360	9					20	16
1000	30	6	360	21	30	15			40	19					10	32	360	11			30	11	20	17
1500	360	15	340	24	40	27									10	39	50	9			60	24	10	9
2000	20	20	360	34											250	3								
3000	20	32							330	17					280	5	50	4			300	3	70	10
4000									330	13							80	5					90	11
5000																							90	14
6000																								
7000																								
8000																								

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

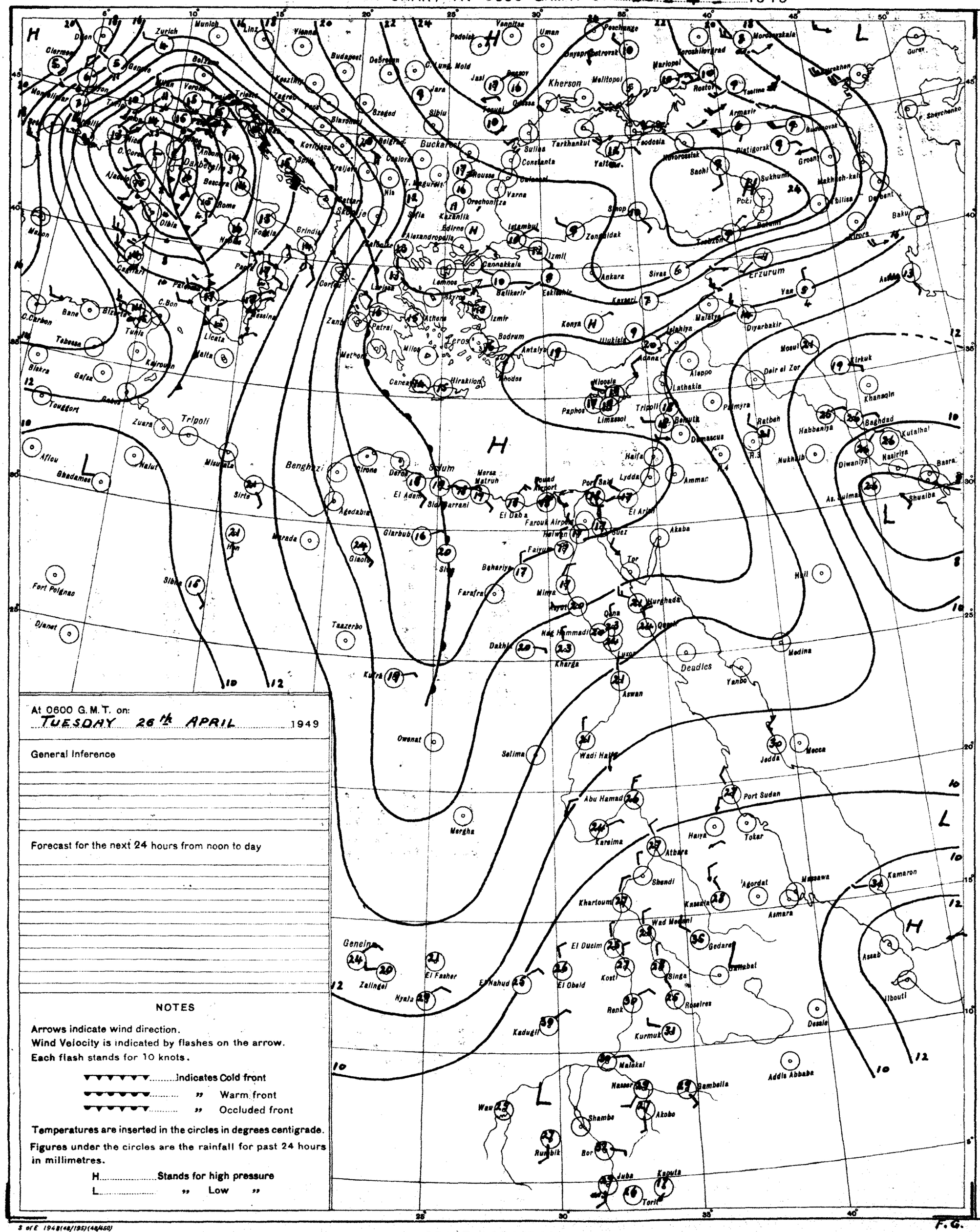
K.N.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G.M.T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 26 – 4 – 1949


Zurich
Munich
Linz
Vienna
Budapest
Debrecen
Kherson
Odessa
Bucharest
Sofia
Belgrade
Istanbul
Ankara
Erzurum
Tbilisi
Baku
Tripoli
Benghazi
Cairo
Khartoum
Port Sudan
Asmara
Addis Abbaba
Aden
Jedda
Mecca
Medina
Aswan
Wadi Halfa
Abu Hamad
Kassala
Gedaref
Malakal
Juba
Kampala
Nairobi
Mombasa
Dakar
Tunis
Malta
Rome
Paris
Madrid
Lisbon
Algiers
Cairo
Jerusalem
Beirut
Damascus
Baghdad
Basra
Tehran
Kabul
Karachi
Lahore
Delhi
Calcutta
Rangoon
Bangkok
Hong Kong
Shanghai
Tokyo
Osaka
Manila
Singapore
Colombo
Bombay
Madras
Cape Town
Durban
Pretoria
Salisbury
Lusaka
Dar es Salaam
Tananarive
Perth
Adelaide
Melbourne
Sydney
Brisbane
Darwin
Auckland
Wellington
Honolulu
San Francisco
Los Angeles
New York
Washington
Chicago
Mexico City
Rio de Janeiro
Buenos Aires
Santiago
Lima
Bogota
Caracas
Panama
Havana
Kingston
Nairobi
Mombasa
Dakar
Freetown
Accra
Lagos
Kano

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 No 7 F.

DAILY WEATHER REPORT

Date: Wednesday 27th APRIL, 1949

At 1200 on Tues. 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	90	9	7	03	1	6	Ac	18.0	21	57	12
	62303	SÎDI BARÂNI	40	8	50	02	2	8	As	18.8	19	83	16
	62306	MATRÛH											
	62309	EL DABA	40	14		01	1	4	Cu		19	73	14
		ALEXANDRIA	360	8	50	02	2	4	Cu,Ci	17.9	19	73	14
	62318	FOUAD (Airport)	340	9	18	02	1	5	Ci	18.1	22	57	13
	62330	DAMIETTA	40	5	15	02	1	1	Ac	17.8	21	65	14
	62333	PORT SA'ÎD											
	62336	EL 'ARISH	360	5	35	01	0	0	—	16.8	19	88	17
Lower Egypt	62339	DAMANHUR	46	9	15	02	1	2	Ci	17.4	26	37	10
	62342	MANSURA	40	5	35	02	1	4	Ac	17.5	27	42	13
	62348	TANTA	40	5	35	02	2	6	Ac	18.2	28	33	10
	62354	ZAGAZIG	40	5	15	01	1	2	Ac	16.7	27	42	13
	62441	ISMAÎLIA	20	5	7	03	2	6	As	16.8	25	34	8
Cairo Area	62366	FAROUK (Airport)	70	16	30	02	1	3	Ci	16.5	27	27	6
	62372	ALMÂZA	40	10	30	01	1	3	Ci	16.0	28	29	8
		EZBEKÎYA	360	4	35	00	0	4	Ci	16.3	28	27	7
		GÎZA	360	4	35	00	0	4	Ci	16.0	27	22	3
	62378	HELWÂN	20	9	15	03	1	4	Ci	15.4	28	16	0
Upper Egypt	62381	FAIYÛM	20	4	35	02	1	4	Ci	15.8	28	22	4
	62387	MINYA	10	9	14	00	0	1	Ci	15.0	29	23	6
	62393	ASYÛT MANQABAD	360	2	30	01	0	1	Ci	13.6	30	11	-3
	62399	NAG' HAMMÂDI	00	0	7	00	0	0	—	11.9	33	12	0
	62402	QENA	240	5	50	02	1	3	Ci	12.6	33	21	8
	62405	LUXOR	10	8	30	02	0	4	Ci	12.1	33	7	-8
	62414	ASWÂN	340	6	50	03	2	6	As	11.5	32	16	3
Oases	62417	SÎWA	00	0	35	00	0	0	—	18.6	30	21	5
	62420	BAHARÎYA	360	3	35	01	1	3	Ac	15.9	27	20	2
	62423	FARAFRA											
	62432	DAKHLA	20	15	50	00	0	0	—	13.0	31	9	-6
	62435	KHARGA											
Red Sea	62450	SUEZ	360	9	35	03	0	2	Sc	15.2	27	33	9
	62459	TÛR	310	2	50	00	0	0	—	13.9	24	38	9
	62462	HURGHÂDA	360	10		02	1	3	Ci	14.6	23	69	17
	62465	QUSEIR	20	19	15	03	1	0	—	14.6	25	61	17
	62641	PORT SUDÂN	50	22	7	07	0	0	—	9.4	29	66	22
North Sudan	62600	WÂDI HALFA	360	6	30	02	0	1	Ci	10.9	33	16	4
	62640	ABU HAMAD	50	5	30	00	0	0	—	6.4	37	20	11
	62660	KAREIMA	360	3	30	00	0	0	—	6.8	37	7	-5
	62680	'ATBARA	360	2	30	00	0	0	—	4.7	39	6	-7
	62721	KHARTÛM	310	4	30	02	0	0	—	5.3	38	6	-7
	62780	KASSALA	20	5	30	00	0	0	—	1.8	42	17	12
Central Sudan	62751	WÂD MEDANI	360	9	35	00	0	0	—	3.4	40	12	5
	62801	RENK	360	5	50	00	0	0	—	4.3	40	8	0
	62802	ROSEIRES	310	8	35	00	0	0	—		41	16	10
	62771	EL OBEID	50	4	30	00	0	0	—	5.1	37	8	-3
	62760	EL FÂSHER	360	5	30	00	0	0	—		35	7	-6
	62770	GENEINA	50	8	30	00	0	0	—		35	20	9
S. Sudan	62840	MALAKÂL	200	5	50	02	0	2	Cs	4.5	39	5	-7
	62880	WÂU	00	0	30	00	0	0	—	3.5	39	12	4
	62941	JUBA	180	5	30	03	1	3	Cu	3.4	37	31	17

At 1800 on Tues. 26th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALÛM	40	8	7	02	1	6	Ac	17.5	18	73	13	0
SÎDI BARÂNI	90	7	35	02	2	8	As,Cs	18.3	17	88	15	0
MATRÛH												
EL DABA	40	11		01	1	2	Cu		17	77	13	0
ALEXANDRIA	360	11	3?	00	0	0	—	19.2	17	88	15	0
FOUAD (Airport)	360	10	15	02	2	7	Cs	18.8	17	83	14	0
DAMIETTA	320	2		02	1	1	Ac	17.6	18	88	16	0
PORT SA'ÎD	50	9	15	01	0	1	Ci	18.2	18	88	16	0
EL 'ARISH	40	5	7	02	0	0	—	18.6	18	83	15	0
DAMANHUR	40	9	7	03	1	0	—	18.7	18	73	13	0
MANSURA	360	5	3?	00	1	0	—	19.0	18	88	16	0
TANTA	360	2	35	02	2	6	Cu	19.4	20	56	11	0
ZAGAZIG	40	5	3	00	1	0	—	17.1	20	73	15	0
ISMAÎLIA	20	5	7	02	0	0	—	17.6	18	73	13	0
FAROUK (Airport)	40	14	15	02	1	3	Ci	16.9	22	47	10	0
ALMÂZA												
EZBEKÎYA	40	2	15	00	0	0	—	16.6	21	57	12	0
GÎZA	40	2	15	00	0	0	—	17.5	22	45	10	0
HELWÂN	20	16	15	01	0	2	Ci	15.5	23	38	8	0
FAIYÛM	260	2	35	02	1	4	Ci	15.6	22	44	9	0
MINYA	360	8	10	01	1	3	Ci	14.2	20	46	8	0
ASYÛT MANQABAD												
NAG' HAMMÂDI	00	0	3	00	0	0	—	12.4	22	44	9	0
QENA	270	2	7	01	1	2	Ci	11.6	26	25	4	0
LUXOR	00	0	12	00	0	0	—	11.8	26	11	-7?	0
ASWÂN	360	4	50	00	0	0	—	11.6	28	16	0	0
SÎWA	00	0	7	00	0	0	—	17.2	25	47	13	0
BAHARÎYA	360	2	15	02	1	0	—	16.0	23	47	11	0
FARAFRA												
DAKHLA	360	10		00	0	0	—	13.4	27	12	-5	0
KHARGA	360	1	15	00	0	0	—	13.1	23	32	5	0
SUEZ	330	5	15	01	0	0	—	15.6	22	44	9	0
TÛR	310	1	50	00	0	0	—	14.0	21	74	16	0
HURGHÂDA	270	2		00	0	0	—	13.7	20	83	17	0
QUSEIR	330	9	15	01	1	0	—	13.3	23	74	18	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Wednesday 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.	Bar. Pressure Diff. from normal mbs.	Temperature Dry Bulb °C	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs. mms	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	00	0	7	01	0	4	Ci	17.6		20	21		11		64	13	0		
SÎDI BARÂNI	110	5	50	00	2	8	As,Cs	19.0		20	20		11		60	12	0	276	
MATRÛH																			
EL DABA	90	10		01	1	6	Cu	19.2		18	19		18		83	15	0		
ALEXANDRIA	40	3	50	03	1	3	Cu,Sc	19.6	+5.4	20	20	-4	16	0	83	17	0	266	183
FOUAD (Airport)	100	4	12	02	4	1	Ci	19.0		20	22		13		78	16	0	265	138
DAMIETTA	20	2	7	00	0	0	—	17.1	+3.1	20	22		13		73	15	0	318	103
PORT SA'ÎD	60	6	14	01	0	1	Ac			19	21		16		83	16	0	70	
EL 'ARISH	140	3	35	03	1	3	Cu	16.8	+3.1	19	19	-6	12	-2	94	18	0		91
DAMANHUR	90	9	3	28	4	2	Ci	20.0	+6.0	17	27	-1	12	-1	95	17	0	102	98
MANSURA	40	2	35	00	0	0	—	19.1	+4.9	18	28	-1	13	-1	88	16	0	49	52
TANTA	360	5	35	03	2	8	As	19.5	+5.3	16	28	-2	11	-2	88	14	0	34	40
ZAGAZIG	40	5	7	03	0	3	Ac	19.2	+4.9	19	27	-3	13	0	83	16	0	21	26
ISMAÎLIA											26							14	
FAROUK (Airport)	70	17	15	03	1	6	Ci	18.6		19	28		14		68	13	0		
ALMÂZA																			
EZBEKÎYA	40	6	15	00	0	3	Ci	18.2	+4.2	20	29	-1	15	0	46	8	0	8	24
GÎZA	40	6	15	00	0	3	Ci	18.0	+4.0	22	28	-2	12	0	44	9	0	16	24
HELWÂN	40	19	35	00	1	5	Ci	16.8	+3.2	23	29	-1	17	+2	32	5	0	16	27
FAIYÛM	20	8	35	02	2	6	Ci	17.2	+3.5	22	29	-3	15	0	44	9	0	6	8
MINYA	10	11	10	03	0	2	Ci	15.7		18	30		13		52	8	0	5	
ASYÛT MANQABAD	00	0	30	00	0	1	Ci	15.3		22	32		15		38	7	0	0	
NAG' HAMMÂDI	00	0	3	00	0	0	—	14.3	+2.1	21	34		13		41	7	0	0	
QENA	240	5	15	00	0	0	—	14.3	+2.7	22	34	-3	14	-4	36	6	0	dv	
LUXOR	00	0	30	00	0	0	—	13.9		24	34		13		22	1	0	dv	
ASWÂN	360	4	50	00	0	0	—	13.6	+1.9	23	34	-3	19	-2	34	6	0	dv	
SÎWA	90	5	35	00	0	0	—	18.4	+3.5	21	33	+2	15	+2	50	10	0	dv	8
BAHARÎYA	360	6	35	02	1	3	Ac	17.1	+2.9	21	29	-3	15	+1	50	10	0	dv	7
FARAFRA																		dv	
DAKHLA	340	8	35	00	0	3	Sl,Asp	14.3	+1.2	21	31	-4	14	-2	26	1	0	dv	
KHARGA	360	4	35	00	0	0	—	15.1	+2.7	24	31	-4	14	-4	34	7	0	0	
SUEZ	00	0	35	00	0	2	As	16.4	+2.9	22	28	-2	16	0	47	10	0	12	16
TÛR	310	3	50	00	0	0	—	14.3	+2.7	22	26	-3	16	-2	53	12	0	dv	13
HURGHADA	330	10		00	0	0	—	14.4		22	23		14		61	14	0	7	
QUSEIR	360	13	15	02	0	0	—	14.0	+2.5	25	25	-4	19	-2	42	11	0	0	4
PORT SUDÂN	330	6	30	00	0	0	—	11.9		26	32		18		79	22	0	34	96
WÂDI HALFA	360	9	30	00	0	0	—	12.4		23	34		17		27	3	0	tr	
ABU HAMAD	20	5	30	00	0	0	—	9.7		26	39		20		27	5	0		
KAREIMA	360	1	30	00	0	0	—	10.5		26	38		16		25	4	0	3	1
'ATBARA	360	2	30	00	0	0	—	8.1		27	40		19		19	1	0	7	3
KHARTÛM	20	12	30	00	0	0	—	7.4		29	39		22		12	-3	0	10	5
KASSALA	70	2	30	00	0	0	—	5.3		32	42		21		36	15	0	16	11
WÂD MEDANI	50	9	35	00	0	6	—	6.4		29	42		19		31	10	0	11	14
RENK																		0	56
ROSEIRES	270	5	35	00	0	0	—			28	42		20		14	-2	0	3	51
EL OBEID	340	10	30	00	0	0	—	8.6		27	37		21		16	-1	0	11	18
EL FÂSHER	360	5	30	00	0	0	—			20	37		13		15	-8	0	1	6
GENEINA	50	14	30	00	0	0	—			24	37		20		24	2	0		
MALAKÂL	180	9				0	—	8.0		31	40		20		33	13	0	127	119
WÂU	00	0	30	00	0	0	—	7.6		26	40		19		32	8	0	294	226
JUBA	180	5	30	02	1	1	Ac	8.7		28	38		23		51	19	0	195	290

HUMIDITY % Mean of day

Station	on 26th	Diff. from normal
Alexandria	80	+11
Ezbekiya	55	+3
Giza	53	-1
Helwân	49	+10

GÎZA GRASS MINIMUM TEMP. ON 27th 9.5 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

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

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

UPPER WIND OBSERVATIONS on 26th

Station					Fouad A.P				Minia															
Time					15				15															
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300					20	10			340	30														
600					80	7			330	35														
1000					60	7			340	28														
1500					60	7			350	36														
2000					30	7			10	33														
3000					360	11																		
4000					340	9																		
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 27th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'îd		El 'Arîsh		Helwân		Minya		Asyût Manqabad		Luxor		Aswân		Hurghada		Farouk	
Time	5		7	30	3		3				7	15	3		8	30	6	30	5		9		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			190	14	70	10	70	13			50	24	20	28	310	9	10	9	360	8	100	5	70	30
600	90	12	170	12	80	9	60	13			50	20	40	28	350	7	30	0	60	17	50	5	60	29
1000	80	13	300	15	60	10	40	17			50	22	50	23	10	10	40	10	60	16	150	8	40	25
1500			40	28	10	11	50	17			50	26	30	33	30	14	10	13	30	12	150	7	30	24
2000					10	23					40	19			20	15			310	9	160	5	20	11
3000											30	15			10	16							30	18
4000																								
5000																							250	10
6000																							280	26
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abu Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	5		5		5				4				4	15			4		3	30	4	30		
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	100	25	50	23	40	14			10	12														
600	100	23	60	35	50	23			40	18			30	22			90	5						
1000	50	22	60	30					50	24			40	27			60	13	10	26	310	7		
1500	60	28	50	25					50	13			150	19			40	13	50	21	40	9		
2000	50	23	20	31									250	7					70	8				
3000	360	27	30	19					350	5			290	10			280	6	110	10	20	13		
4000	40	22																						
5000																	260	9						
6000																								
7000																								
8000																								

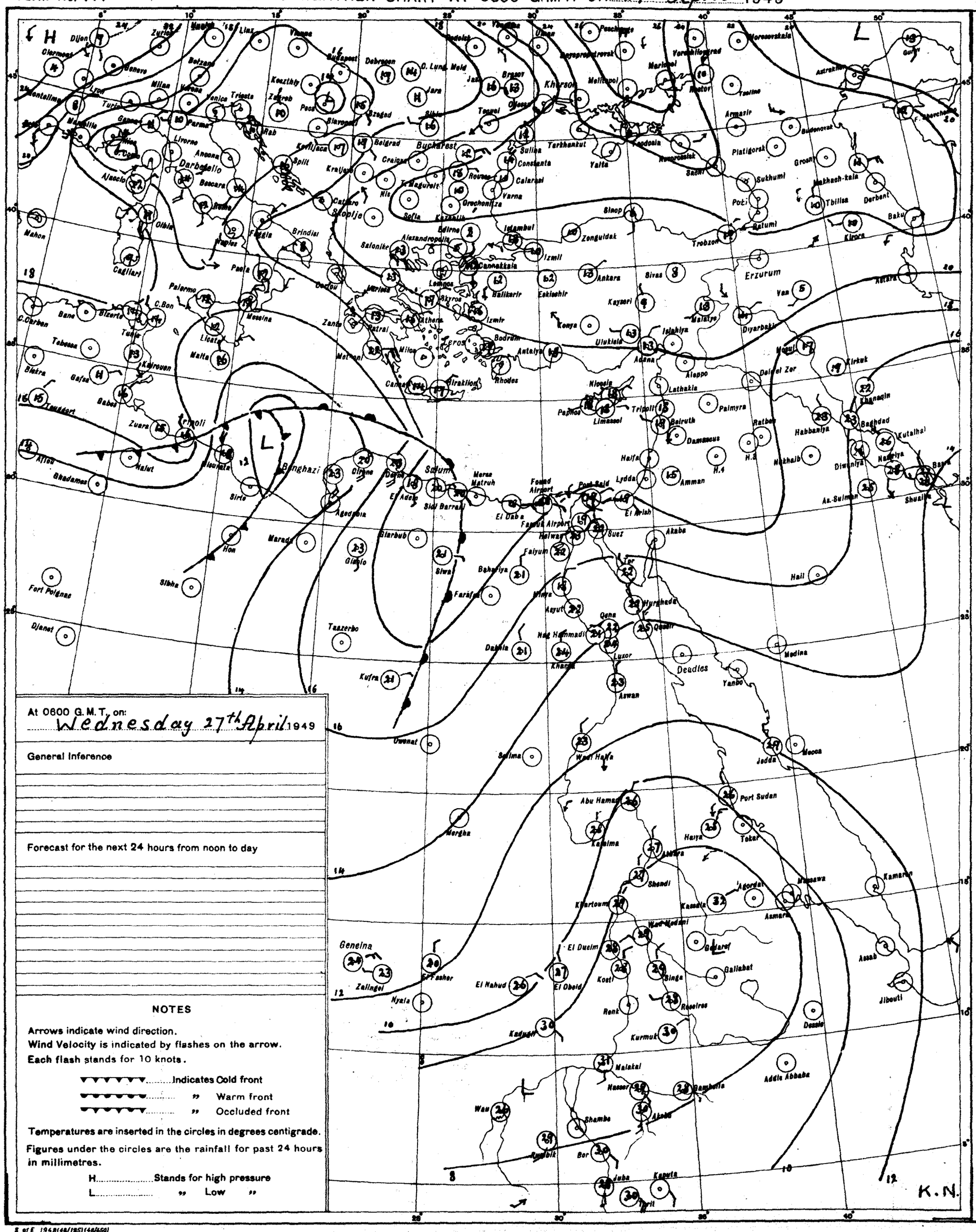
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 27th April 1949



At 0600 G.M.T. on: Wednesday 27th April 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

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

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

Temperatures are inserted in the circles in degrees centigrade.

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

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

S of E 1948(48/195)(48/450)

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 No 7 F.

DAILY WEATHER REPORT

Date: Thursday 28th April, 1949

At 1200 on Wednesday 27th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	40	5	7	02	1	7	Ac	17.6	21	53	11
	62303	SIDI BARÂNI	40	3	50	02	2	8	As,Cs	18.8	20		
	62306	MATRÛH	120	6	18	00	0	0	–	19.2			
	62309	EL DABA	40	10		00	0	0	–	18.7	21	57	12
		ALEXANDRIA	40	8	50	00	0	0	–	18	24	57	15
	62318	FOUAD (Airport)	350	14	18	02	0	0	–	18.4	25		
	62330	DAMIETTA	20	5	15	00	0	0	–	17.9	22	65	15
	62333	PORT SA'ID	40	10	30	01	0	1	Cu	17.9	21	74	16
	62336	EL 'ARISH	320	9	35	01	0	1	Cu	18.6	20	83	17
Lower Egypt	62339	DAMANHUR	90	13	15	02	0	0	–	18.4	28	27	7
	62342	MANSURA	20	5	35	00	0	0	–	17.5	28	33	10
	62348	TANTA	360	18	35	02	1	0	–	18.2	29	23	6
	62354	ZAGAZIG	40	5	15	01	1	2	Ac	17.0	27	33	9
	62441	ISMA'ILIA	20	9	15	02	1	3	As	16.7	27	20	2
Cairo Area	62366	FAROUK (Airport)	40	17	30	01	1	1	Cc	16.1	28	24	5
	62372	ALMAZA											
		EZBEKIYA	30	8	35	00	0	0	–	16.0	28	27	7
		GIZA	30	8	35	00	0	0	–	16.0	28	24	5
	62378	HELWAN	40	12	35	01	0	2	Cc	15.3	24	14	-1
Upper Egypt	62381	FAIYUM	20	12	35	07	3	2	Cu	15.4	29	19	3
	62387	MINYA	360	16	14	00	0	0	–	13.2	31	17	3
	62393	ASYUT MANQABAD	360	3	30	00	0	1	Cu	12.0	32	10	-4
	62399	NAG' HAMMADI	00	0	7	00	0	0	–	11.1	33	21	8
	62402	QENA	270	5	50	03	0	4	Cu	11.6	36	13	4
	62405	LUXOR	70	6	30	01	1	3	Cu	10.4	36	7	-6
	62414	ASWAN	320	8	50	01	1	3	Cu	9.9	35	9	-3
Oases	62417	SIWA	140	5	35	00	0	0	–	18.0	31	31	12
	62420	BAHARIYA	40	6	35	02	1	3	Ac	15.2	31	17	3
	62423	FARAFRA											
	62432	DAKHLA	240	8	50	00	0	0	–		33		
	62435	KHARGA	360	1	35	00	0	0	–	13.1	33	23	9
Red Sea	62450	SUEZ	360	6	35	03	0	3	As	14.4	28	27	7
	62459	TOR											
	62462	HURGHADA	310	5		03	1	5	Cu	13.1	24	79	20
	62465	QUSEIR	360	13	15	03	2	6	Ac	12.2	26	62	18
	62641	PORT SUDAN	40	16	30	00	0	0	–	9.1	29	70	23
North Sudan	62600	WADI HALFA											
	62640	ABU HAMAD	00	0	50	00	0	0	–	4.9	39	20?	12?
	62660	KAREIMA	70	2	30	00	0	0	–	5.9	39	8	-1
	62680	'ATBARA	360	5	30	00	0	0	–	3.5	40	8	-1
	62721	KHARTUM	360	5	30	02	0	0	–	3.4	41	7	-2
	62730	KASSALA	20	5	30	00	0	0	–	99.9	42	17	12
Central Sudan	62751	WAD MEDANI											
	62801	RENK	360	5	50	00	0	0	–	3.4	40	12	5
	62802	ROSEIRES	310	2	35	00	0	0	–		33	38	17
	62771	EL OBEID	50	4	30	00	0	0	–	5.1	39	9	0
	62760	EL FASHER	360	2	30	00	0	0	–		36	9	-2
	62770	GENEINA	50	4	30	00	0	0	–				
S. Sudan	62840	MALAKAL	290	3	50	03	0	1	Cu	3.2	40	14	8
	62880	WAU	30	1	30	00	0	0	–	1.3	39	11	3
	62941	JUBA	160	5	30	03	1	5	Cu	2.5	39	26	16

At 1800 on Wednesday 27th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	40	6	7	03	2	7	St	18.3	19	73	14	0
SIDI BARÂNI			35	01	2		Ac,Cu	20.0	18	84	16	0
MATRUH												
EL DABA	40	10		00	0	0	–		20	56	11	0
ALEXANDRIA	40	6	3	00	0	0	–	19.0	20	73	15	0
FOUAD (Airport)	10	7	12	03	0	3	Cu	17.9	17	77	13	0
DAMIETTA	340	2		03	1	1	Cu	17.6	19	73	14	0
PORT SA'ID												
EL 'ARISH	40	2	7	02	0	1	Cu	18.7	18	83	15	0
DAMANHUR	90	9	15	02	1	1	Cu	18.7	18	73	13	0
MANSURA	360	2	3	00	0	0	–	17.8	19	64	12	0
TANTA	360	2	35	01	1	3	Cu	17.5	20	46	8	0
ZAGAZIG	40	5	3	00	1	0	–	17.1	19	64	12	0
ISMA'ILIA	20	2	7	02	0	0	–	16.8	20	56	11	0
FAROUK (Airport)	50	10	12	00	0	0	–	16.8	22	47	10	0
ALMAZA												
EZBEKIYA	40	3	15	00	0	0	–	17.1	21	33	4	0
GIZA	40	3	15	00	0	0	–	17.2	22	37	6	0
HELWAN	20	8	35	01	0	0	–	16.3	22	29	3	0
FAIYUM	20	2	35	01	0	0	–	15.8	25	22	2	0
MINYA	10	13	8	00	0	0	–	13.2	22	29	3	0
ASYUT MANQABAD												
NAG' HAMMADI	00	0	3	00	0	0	–	10.6	24	38	9	0
QENA	270	5	7	00	0	0	–	9.9	26	30	7	0
LUXOR	00	0	12	00	1	0	–	9.8	26	16	-2	0
ASWAN	00	0	50	00	0	0	–	9.4	31	9	-5	0
SIWA	00	0	7	00	0	0	–	18.6	27	33	9	0
BAHARIYA	360	2	15	02	1	0	–	15.5	25	22	2	0
FARAFRA	360	4	15	03	1	1	Ac	14.7	24			0
DAKHLA	320	4	35	00	0	0	–	11.9	29	9	-7	0
KHARGA	360	1	15	00	0	0	–	11.2	27	27	6	0
SUEZ	00	0	15	01	0	0	–	15.8	21	41	7	0
TOR												
HURGHADA	310	15		00	0	0	–	11.1	24	61	16	0
QUSEIR	360	13	15	01	1	0	–	10.6	24	69	18	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on Thursday 28th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Temp. Dry Bulb	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st
SALUM	360	3	7	01	0	0	–	17.5		22			14		36	6	0		
SIDI BARÂNI	60	3	50	01	0	4	As	18.3		21	21		12		57	12	0	276	
MATRUH	150	1	15	00	0	0	–	17.6		20			11		64	13	0		
EL DABA	360	10		00	0	0	–			19					73	14	0		
ALEXANDRIA	40	5	50	01	1	4	Cu,Ac	17.4	+3.3	20	27	+2	16	0	64	13	0	266	183
FOUAD (Airport)	360	7	14	03	0	6	Ac,Cu	17.4		20	26		14		60	12	0	265	138
DAMIETTA	10	5		03	2	7	As	17.0	+3.0	20	23		13		64	13	0	318	103
PORT SA'ID	60	6	18	03	2	7	Cu	16.7		19			17		73	14	0	70	
EL 'ARISH			35	03	1	5	Cu	16.4	+1.7	18	20	-5	12	-2	88	16	0		91
DAMANHUR	70	7	15	02	1	3	Cu	17.2	+3.4	21	29	+1	14	0	57	12	0	102	98
MANSURA	20	2	35	01	0	5	Ac	17.0	+2.8	20	29	0	14	0	64	13	0	49	52
TANTA	40	2	35	03	1	5	Cu	18.2	+4.0	19	29	-1	11	-2	73	14	0	34	40
ZAGAZIG	40	5	7	03	0	6	Ac	17.4	+3.1	19	29	-1	13	0	83	16	0	21	26
ISMA'ILIA	40	2	7	02	1	5	As			20	27		14		64	13	0	14	
FAROUK (Airport)	70	14	12	01	2	7	Sc,Ac	16.1		18	29		14		73	13	0		
ALMAZA	40	12	12	03	2	7	Sc	15.9	+2.0	18			14		73	13	0		
EZBEKIYA	70	11	15	00	0	6	Cu	16.3	+2.4	18	29	-1	14	-1	73	13	0	8	24
GIZA	70	11	15	00	0	6	Cu	16.2	+2.3	18	29	-1	13	+1	70	12	0	16	24
HELWAN	20	10	15	00	2	7	Ac,Cu	15.2	+1.7	19	30	0	15	0	46	7	0	16	27
FAIYUM	20	8	35	03	1	4	Ac	15.5	+1.9	20	30	-2	15	0	56	11	0	6	8
MINYA	10	16	12	00	0	0	–	13.7		19	33		13		52	9	0	5	
ASYUT MANQABAD	360	9	30	00	0	0	–	13.6		20	35		16		35	4	0	0	
NAG' HAMMADI	270	4	3	00	0	0	–	11.7	-0.3	21	35		15		50	10	0	0	
QENA	270	5	50	00	0	0		11.4	-0.1	23	37	0	17	-1	32	5	0	dr	
LUXOR	00	0	30	02	1	0	–	10.9		26	37		15		25	4	0	dr	
ASWAN	360	8	50	00	0	0	–	10.8	-0.8	24	36	-1	19	-2	32	6	0	dr	
SIWA	140	6	35	00	0	0	–	18.6	+3.8	21			15	+1	50	10	0	dr	8
BAHARIYA	360	5	35	02	0	0	–	16.7	+2.5	20	32	-3	15	+1	46	8	0	dr	7
FARAFRA	20	3	35	02	1	0	–	16.8		20			14					dr	
DAKHLA	320	6	15	00	0	0	–	13.9	+0.9	22	34	-1	17	0	16	-5	0	dr	
KHARGA	20	6	15	00	0	0	–	13.3	+1.0	23	34	-1	17	-1	44	10	0	0	
SUEZ	330	14	35	00	0	5	Ac	15.0	+1.5	20	30	0	14	-3	56	11	0	12	16
TOR																		dr	13
HURGHADA	320	7		00	0	0	–	11.1		22	25				57	13	0	7	
QUSEIR	360	13	15	00	1	3	Ac	11.0	-0.4	25	27	-2	20	-1	42	11	0	0	4
PORT SUDAN	40	1	30	00	0	0	–	10.3		27	32		19		62	19	0	34	96
WADI HALFA	350	9	30	00	0	00	–	10.8		25	37		17		42	4	0	tr	
ABU HAMAD	50	13	30	00	0	0	–	6.4		30	41		24		11	-3	0		
KAREIMA	20	1	30	00	0	0	–	7.6		27	40		22		20	2	0	3	1
'ATBARA	360	2	30	00	0	0	–	7.2		28	41		21		22	4	0	7	3
KHARTUM	360	8	30	02	0	0	–	6.6		31	42		21		11	-2	0	10	5
KASSALA	50	5	30	00	0	0	–	3.9		33	43		21		26	11	0	16	11
WAD MEDANI	360	9	50	00	0	0	–	5.1		33	44		23		10	-2	0	11	14
RENK	360	5	50	00	0	0	–	7.1		31	41		22		19	5	0	0	56
ROSEIRES	270	5	35	00	0	0	–			30	43		25		18	3	0	3	52
EL OBEID	310	5	10	00	0	0	–	6.4		29	40		17		17	1	0	11	18
EL FASHER	270	2	30	00	0	0	–				37		15		26		0	1	6
GENEINA	50	11	30	00	0	0	–			25	38		21		32	7	0		7
MALAKAL	200	3	30	02	0	0	–	8.2		29	41		22		49	17	0	127	120
WAU	00	0	30	00	0	0	–	7.6		27	41		22		37	11	0	294	229
JUBA	180	9	30	01	1	2	Ac,Cu	7.2		30	39		25		59	21	0	195	295

HUMIDITY % Mean of day

Station	on 27th	Diff. from normal
Alexandria	75	+6
Ezbekiya	36	-15
Giza	37	-17
Helwân	28	-11

GIZA GRASS MINIMUM TEMP. ON 28th 11.2 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — Farouk AIRPORT — On 28th At 3 h.

Pressure mbs	Height above M.S.L. Meters	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	138	15	13	50	17
950					
900					
850	1519	16	–	20	27
800					
700	3137	8	–	35	14
600					
500	5824	-10	–	290	18
400					
300					

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

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

UPPER WIND OBSERVATIONS on 27th

Height m.	Matruh Time 13 Dir.	Vel.	Fouad A.P. Time 15 Dir.	Vel.	P. Said Time 14 Dir.	Vel.	Minia Time 15 Dir.	Vel.
300	90	11	20	16	20	21	10	21
600	80	8	40	13	20	17	10	18
1000	60	16	40	16	20	33	360	20
1500	50	17	20	20	30	12	10	20
2000	30	22	10	16	10	7	350	23
3000			280	23				
4000								
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 28th

Height m.	Sidi Barâni Time 5 Dir.	Vel.	Matrûh Time 4 45 Dir.	Vel.	Fouad Airport Time 4 Dir.	Vel.	Port Sa'id Time 4 Dir.	Vel.	El 'Arîsh Dir.	Vel.	Helwân Time 7 Dir.	Vel.	Minya Time 3 Dir.	Vel.	Asyût Manqabâd Dir.	Vel.	Luxor Time 5 Dir.	Vel.	Aswân Time 5 Dir.	Vel.	Hurghada Time 9 Dir.	Vel.	Farouk Time 3 Dir.	Vel.
300	110	20	20	28	10	15	40	16			30	12	360	35			60	2	10	8	330	20?	60	17
600	90	22	20	25	20	12	40	18			40	19	10	54			30	4	60	22	310	17	50	28
1000	90	14	50	23	50	18	50	23			30	29	20	54			10	4	30	14	300	13	40	29
1500	360	5					50	23			30	25	10	42			350	11	20	9			20	27
2000											30	31					310	14	300	9			360	16
3000																	330	16					360	17
4000																	260	16						
5000																							260	11
6000																							270	10
7000																								
8000																								

Height m.	Siwa Time 5 Dir.	Vel.	Bahariya Time 5 Dir.	Vel.	Dakhla Time 5 Dir.	Vel.	Kharga Dir.	Vel.	Wâdi Halfa Time 4 Dir.	Vel.	Abû Hamad Dir.	Vel.	Kareima Time 4 Dir.	Vel.	Khartûm Dir.	Vel.	Kassala Time 4 Dir.	Vel.	El Obeid Time 3 45 Dir.	Vel.	El Fâsher Time 4 30 Dir.	Vel.	Malakâl Time 3 45 Dir.	Vel.
300	100	35	40	21	30	7			20	14														
600	100	38	40	37	40	14			30	24			30	25			20	5			260	9	180	11
1000	80	33	30	30	30	39			30	25			40	27			30	6	10	29			180	8
1500	60	24	20	40					30	18			10	9			40	8	360	18	30	4	350	12
2000	50	28	30	37									320	4			70	5					20	17
3000	10	18							350	12			310	13			110	3			30	9	30	11
4000													330	15										
5000									330	15			330	18									70	24
6000									340	12														
7000																							360	15
8000																							270	22

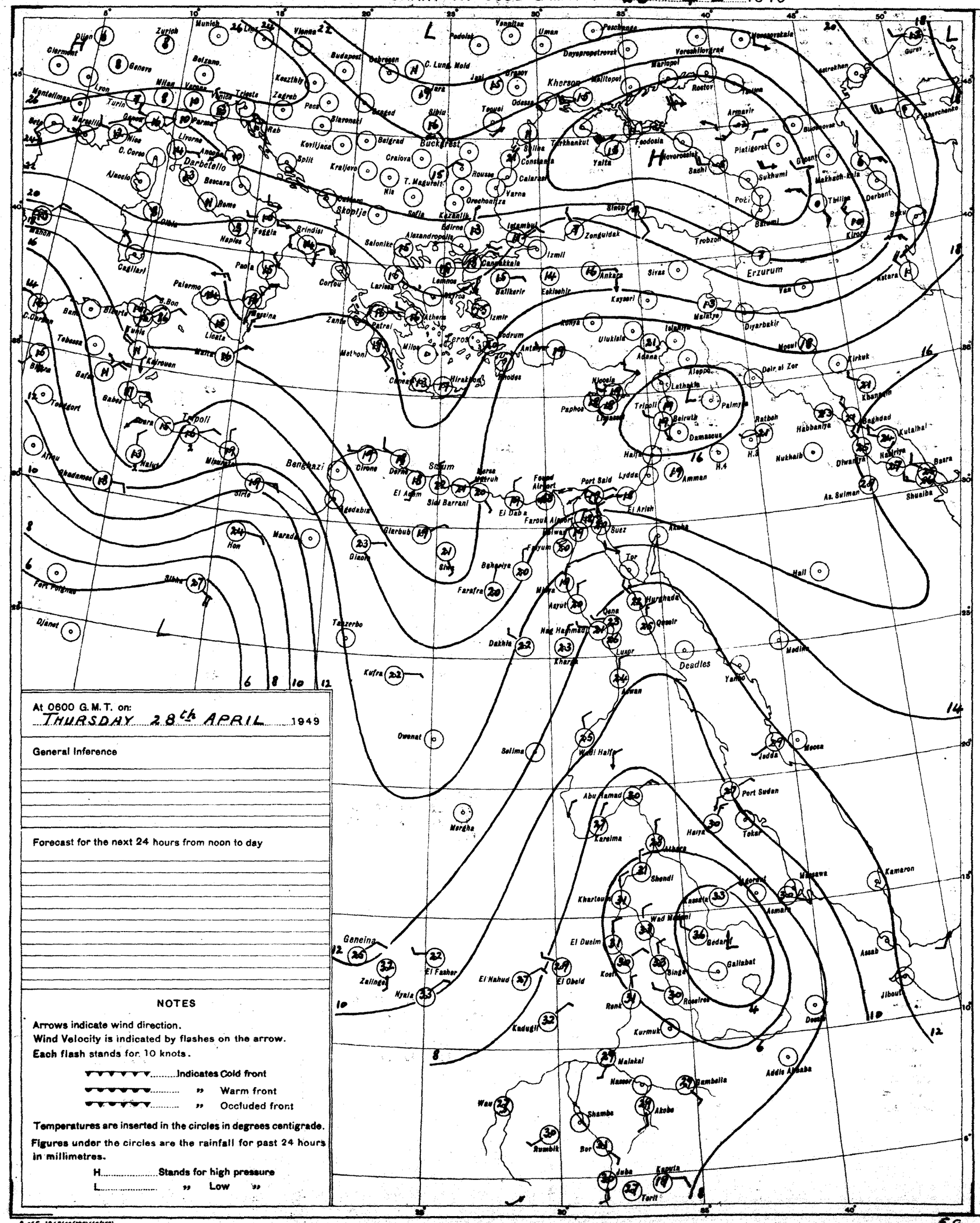
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450)

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 28 - 4 - 1949



At 0600 G.M.T. on:
THURSDAY 28th APRIL 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

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

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

Temperatures are inserted in the circles in degrees centigrade.

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

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	" or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	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		0
Cirrus	Ci	1
Cirrostratus	Cs	2
Cirrocumulus	Cc	3
Altocumulus	Ac	4
Altostratus	As	5
Stratocumulus	Sc	6
Nimbostratus	Ns	7
Cumulus or Fractocumulus	Cu or Fc	8
Cumulonimbus	Cb	9
Stratus or Fractostratus	St or Fs	0

AMOUNT OF CLOUD

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

F.G.

SCALE 1:15,000,000

S. of E. 1948(44/195)(44/450)

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 No 7 F.

DAILY WEATHER REPORT

Date: FRIDAY 29 th APRIL, 1949

At 1200 on Thurs 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	3	7	02	0	0	-	17.6	22	57	13
	62303	SÎDI BARÂNI	360	7	50	01	0	1	Ac	18.7	20	64	13
	62306	MATRÛH											
	62309	EL DABA											
		ALEXANDRIA	360	6	50	00	0	0	-	15.5	21	74	16
	62318	FOUAD (Airport)	350	10	12	00	1	0	-	16.4	23	50	12
	62330	DAMIETTA	20	2	15	01	1	4	Ac	15.5	23	50	12
	62333	PORT SA'ID											
	62336	EL 'ARISH	320	5	35	03	2	6	Cu	15.2	19	88	17
Lower Egypt	62339	DAMANHUR	360	13	15	02	0	0	-	16.2	29		
	62342	MANSURA	360	5	35	01	1	3	Ac	15.1	29	29	9
	62348	TANTA	40	8	35	02	1	4	Ac	16.3	30	25	8
	62354	ZAGAZIG	40	5	15	01	1	2	Cu	14.8	29	23	6
	62441	ISMA'ILIA	20	5	15	02	1	5	As		28	16	0
Cairo Area	62366	FAROUK (Airport)											
	62372	ALMAZA	40	14	30	02	2	4	Cu	13.5	29	20	4
		EZBEKIYA	30	8	35	00	0	2	Cu	12.8	29	18	-6
		GIZA	30	8	35	00	0	2	Cu	13.6	29	16	1
	62378	HELWÂN	20	15	50	02	0	2	Cu	12.7	30	11	-4
Upper Egypt	62381	FAIYÛM	360	8	35	01	0	4	Ac	13.0	30	21	5
	62387	MINYA	20	19	10	00	0	0	-	11.6	30	21	5
	62393	ASYÛT MANQABAD	360	10	30	00	0	0	-	10.1	33	17	5
	62399	NAG' HAMMÂDI	290	2	7	00	0	0	-	8.0		6	
	62402	QENA	270	5	50	00	0	0	-	7.5	36	20	10
	62405	LUXOR	290	11	30	01	0	1	Ac	7.2	37	11	1
	62414	ASWÂN	360	8	50	01	1	2		6.8	37	8	-2
Oases	62417	SÎWA	90	6	35	00	0	0	-	17.5	34	32	15
	62420	BAHARÎYA	360	5	35	02	0	0	-	14.2	32	10	-3
	62423	FARAFRA											
	62432	DAKHLA	360	11	50	00	0	0	-	9.9	34	6	-8
	62435	KHARGA	360	4	35	00	0	0	-	10.7	33	24	10
Red Sea	62450	SUEZ	360	9	35	01	0	3	Cu	12.7	28	22	4
	62459	TÛR											
	62462	HURGHÂDA	340	16		00	0	0	-	9.3	24	69	18
	62465	QUSEIR	360	9	15	02	0	0	-	9.8	26	62	18
	62641	PORT SUDAN	70	11	30	00	0	0	-	7.3	29	62	21
North Sudan	62600	WÂDI HALFA	340	9	30	03	0	2	Cu	6.2	37	17	8
	62640	ABU HAMAD											
	62660	KAREIMA											
	62680	'ATBARA	340	5	30	00	0	0	-	0.8	41	7	-1
	62721	KHARTÛM	20	4	30	02	0	0	-	1.5	41	7	-2
	62730	KASSALA											
Central Sudan	62751	WÂD MEDANI	230	5	35	00	0	0	-	999.1	43	9	4
	62801	RENK	360	9	50	00	0	0	-	1.3	43	7	4
	62802	ROSEIRES	230	5	35	00	0	0	-		43	12	8
	62771	EL OBEID	330	4	30	00	0	0	-	4.1	40	14	8
	62760	EL FÂSHER	180	5	30	00	0	0	-		37	13	4
	62770	GENEINA	50	7	30	00	0	0	-		39	24	15
S. Sudan	62840	MALAKÂL	270	4	30	03	0	1	Cu	1.8	40	17	11
	62880	WÂU	330	4	30	00	0	1	Cu	1.3	41	13	7
	62941	JUBA	180	6	10	03	1	3	Cu	1.9	38	25	15

At 1800 on Thurs 28th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
62300	SALUM			7	02	0	0	-	16.8	22	36	6	0
62303	SÎDI BARÂNI	70	10	50	01	0	3	As	17.1	19	64	12	0
62306	MATRÛH												
62309	EL DABA												
	ALEXANDRIA	20	5	7	00	0	0	-	16.7	18	83	15	0
62318	FOUAD (Airport)	340	11	14	02	0	0	-	16.3	18	83	15	0
62330	DAMIETTA	320	2		00	0	0	-	15.1	19	83	16	0
62333	PORT SA'ID	30	8	15	02	0	0	-	15.0	18	88	16	0
62336	EL 'ARISH	320	2	7	01	0	1	Cu	14.3	19	88	17	0
62339	DAMANHUR	360	9	15	02	0	0	-	14.3	19	64	12	0
62342	MANSURA	20	5	3	00	1	0	-	15.6	19	64	12	0
62348	TANTA	360	2	35	02	1	3	Cu	15.9	20	41	6	0
62354	ZAGAZIG	40	2	3	00	1	0	-	15.4	20	56	11	0
62441	ISMA'ILIA	40	2	3	01	1	0	-	18.4	20	64	13	0
62366	FAROUK (Airport)												
62372	ALMAZA	40	14	13	00	0	0	-	14.4	24	50	13	0
	EZBEKIYA	30	3	15	00	0	0	-	14.8	22	42	8	0
	GIZA	30	3	15	00	0	0	-	15.0	24	33	7	0
62378	HELWÂN	20	4	35	02	0	0	-	14.2	24	21	0	0
62381	FAIYÛM	00	0	35	02	0	1	Ac	14.2	23	32	5	0
62387	MINYA	270	10	10	00	0	0	-	12.2	22	31	4	0
62393	ASYÛT MANQABAD	30	0	30	00	0	0	-	13.0	21	35	12	0
62399	NAG' HAMMÂDI	360	3	3	00	0	0	-	8.3	26	37	10	0
62402	QENA	270	9	7	00	0	0	-	7.8	27	33	9	0
62405	LUXOR	00	0	30	00	0	0	-	10.1	27		18	0
62414	ASWÂN	00	0	50	00	0	0	-	7.8	33	9	-4	0
62417	SÎWA	00	0	7	00	0	0	-	15.8	24	47	12	0
62420	BAHARÎYA	20	3	15	02	0	0	-	13.9	26	25	4	0
62423	FARAFRA												
62432	DAKHLA	320	3	35	00	0	0	-	10.6	31	9	-6	0
62435	KHARGA	360	2	15	00	0	0	-	10.8	30	2	5	0
62450	SUEZ	360	9	7	01	0	0	-	14.0	21	50	10	0
62459	TÛR												
62462	HURGHÂDA	300	13		00	0	0	-	8.7	26	37	10	0
62465	QUSEIR	360	9	15	02	0	0	-	9.1	25	47	13	0
62641	PORT SUDAN												
62600	WÂDI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	'ATBARA												
62721	KHARTÛM												
62730	KASSALA												
62751	WÂD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID												
62760	EL FÂSHER												
62770	GENEINA												
62840	MALAKÂL												
62880	WÂU												
62941	JUBA												

At 0600 on FRIDAY 29th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	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	8	7	03	1	3	Cu	15.9		19	23		15		68	9	0		
SÎDI BARÂNI	90	6	50	00	0	0	-	16.3		20	22		12		83	17	0	276	
MATRÛH	120	2	18	03	0	2	Cu	16.3		20					69	14	0		
EL DABA																			
ALEXANDRIA	40	6	50	00	0	0	-	15.5	+1.4	20	22	-3	18	+2	83	17	0	266	183
FOUAD (Airport)	360	5	18	02	0	0	-	15.3		21	26		15		69	15	0	265	138
DAMIETTA	340	2	3	00	0	0	-	14.1	+0.7	20	25		11		83	17	0	318	103
PORT SA'ID	330	6	18	02	0	0	-	14.3		20	24		17			15	0	70	
EL 'ARISH	270	3	35	02	0	1	Cu	13.8	-0.7	21	20	-5	12	-2	74	16	0		91
DAMANHUR	310	9	7	02	0	0	-	15.8	+1.8	21	30	+2	12	-2	65	14	0	102	98
MANSURA	360	2	35	00	0	0	-	14.7	+0.6	22	30	+1	13	-1	65	15	0	49	52
TANTA	310	2	35	02	0	0	-	15.7	+1.7	22	31	+1	9	-4	61	14	0	34	40
ZAGAZIG	40	5	7	00	4	0	-	14.6	+0.3	18	30	0	12	-1	88	16	0	21	26
ISMA'ILIA	290	2	7	01	0	0	-	15.9		19	29		14		73	14	0	14	
FAROUK (Airport)																			
ALMAZA											30								
EZBEKIYA	360	5	15	00	0	0	-	14.7	+0.8	19	30	0	14	-1	76	15	0	8	24
GIZA	360	5	15	00	0	0	-	14.8	+0.9	20			12	0	64	13	0	16	24
HELWÂN	360	2	7	00	0	0	-	14.2	+0.7	20	31	+1	13	-3	46	8	0	16	27
FAIYÛM	00	0	35	02	0	0	-	14.7	+1.2	21	31	-1	14	-1	41	7	0	6	8
MINYA	10	15	10	00	0	0	-	13.7		20	31		13		43	7	0	5	
ASYÛT MANQABAD	30	0	30	30	0	0	-	13.0		21	35		12		38	6	0	0	
NAG' HAMMÂDI	270	2	3	00	0	0	-	11.0	-1.1	25	35		17		28	5	0	0	
QENA	270	5	15	00	0	0	-	9.6		23	38	+1	17			8	0	dr	
LUXOR	00	0	30	00	0	0	-	10.1		27			18		17	1	0	dr	
ASWÂN	340	6	50	00	0	0	-	10.0	-1.5	25	38	+1	21	0	26	4	0	dr	
SÎWA	90	5	35	00	0	0	-	14.8	0.0	23	35	+3	15	+1	50	12	0	dr	8
BAHARÎYA	360	3	35	02	0	0	-	14.6	+0.5	20	33	+1	15	0	48	8	0	dr	7
FARAFRA																			
DAKHLA	180	3	35	00	0	0	-	12.6	-0.4	26	34	-2	20	+3	13	-5	0	dr	
KHARGA	360	11	7	00	0	0	-	11.5	-0.7	26	34	-2			27	5	0	0	
SUEZ	360	6	35	00	0	0	-	14.7	+1.3	19	30	0	14	-3	73	14	0	12	16
TÛR																		dr	13
HURGHÂDA	320	10		00	0	0	-	10.0		24	26		17		61	16	0	7	
QUSEIR	360	19	15	02	0	0	-	9.8	-1.6	26	27	-2	20	-1	83	17	0	0	4
PORT SUDAN	30	8	10	03	2	7	Cu,Cs	8.3		27	30		23		70	21	0	34	96
WÂDI HALFA	20	9	30	00	0	0	-	8.7		25	39		17		28	5	0	tr	
ABU HAMAD	40	19	10	07	0	0	-	4.6		30	41		25		13	-1	0		
KAREIMA	70	9	10	00	0	0	-	5.7		29	41		22		12	-3	0	3	1
'ATBARA	50	5	30	00	0	0	-	3.8		31	42		25		19	5	0	7	3
KHARTÛM	240	12	30	00	0	0	-	1.9		35	43		22		9	-3	0	10	5
KASSALA	70	2	30	00	0	0	-	1.8		35	43		26?		39	19	0	16	11
WÂD MEDANI	360	9	50	00	0	0	-	3.5		31	44		20		16	2	0	11	14
RENK	20	5	50	00	0	0	-			30	44		20		22	6	0	0	56
ROSEIRES	200	5	35	00	0	0	-			27	44		22		28	7	0	3	52
EL OBEID	350	12	30	00	0	0	-	7.5		29	41		23		19	3	0	11	18
EL FÂSHER	360	3	30	00	0	0	-			25	39		16		14	-5	0	1	6
GENEINA	50	13	30	00	0	0	-			25	39		20		30	6	0		7
MALAKÂL	180	4	30	00	0	0	-	6.2		31	41		27		28	15	0	127	121
WÂU	150	1	30	00	0	0	-	5.0		29	42		25		49	17	0	294	232
JUBA	180	5	30	03	1	4	Ac	6.0		31	40		27		52	20	0	195	300

HUMIDITY % Mean of day

STATION	on 28th	Diff. from normal
Alexandria	71	+2
Ezbekiya	52	+1
Giza	49	-5
Helwân	32	-7

GÎZA GRASS MINIMUM TEMP. ON 29th 9.1 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE

On ..... At ..... AIRPORT						On ..... At ..... AIRPORT						On ..... At ..... AIRPORT					
Pressure mbs.	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.	Pressure mbs.	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.	Pressure mbs.	Height above M.S.L. feet	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 .....

Station	Fouad A.P.				Port Said				Minya				Almaza			
Time	15				14				15				14			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	50	13			350	17			360	35			20	15		
600	60	9			360	16			360	47			20	16		
1000	70	14			20	18			10	40			30	15		
1500	80	23			30	18			10	40			30	16		
2000	80	20			10	17			20	52			20	16		
3000					350	12										
4000																
5000																
6000																
7000																
8000																

UPPER WIND OBSERVATIONS on 29th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabad		Luxor		Aswân		Hurghada		Almaza	
Time	5		4 45		4		3						3										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	90	20	10	12	30	18	30	18					10	30									50	8
600	100	13	10	23	30	14	10	18					10	28									20	18
1000	50	6	20	3	10	11	10	23					20	30									30	15
1500	10	9	40	5	320	16	360	22					350	31									360	15
2000			350	30	300	12	340	16					340	35									350	16
3000			330	43	320	21	250	14															330	16
4000																								
5000																								
6000																								
7000																								
8000																								

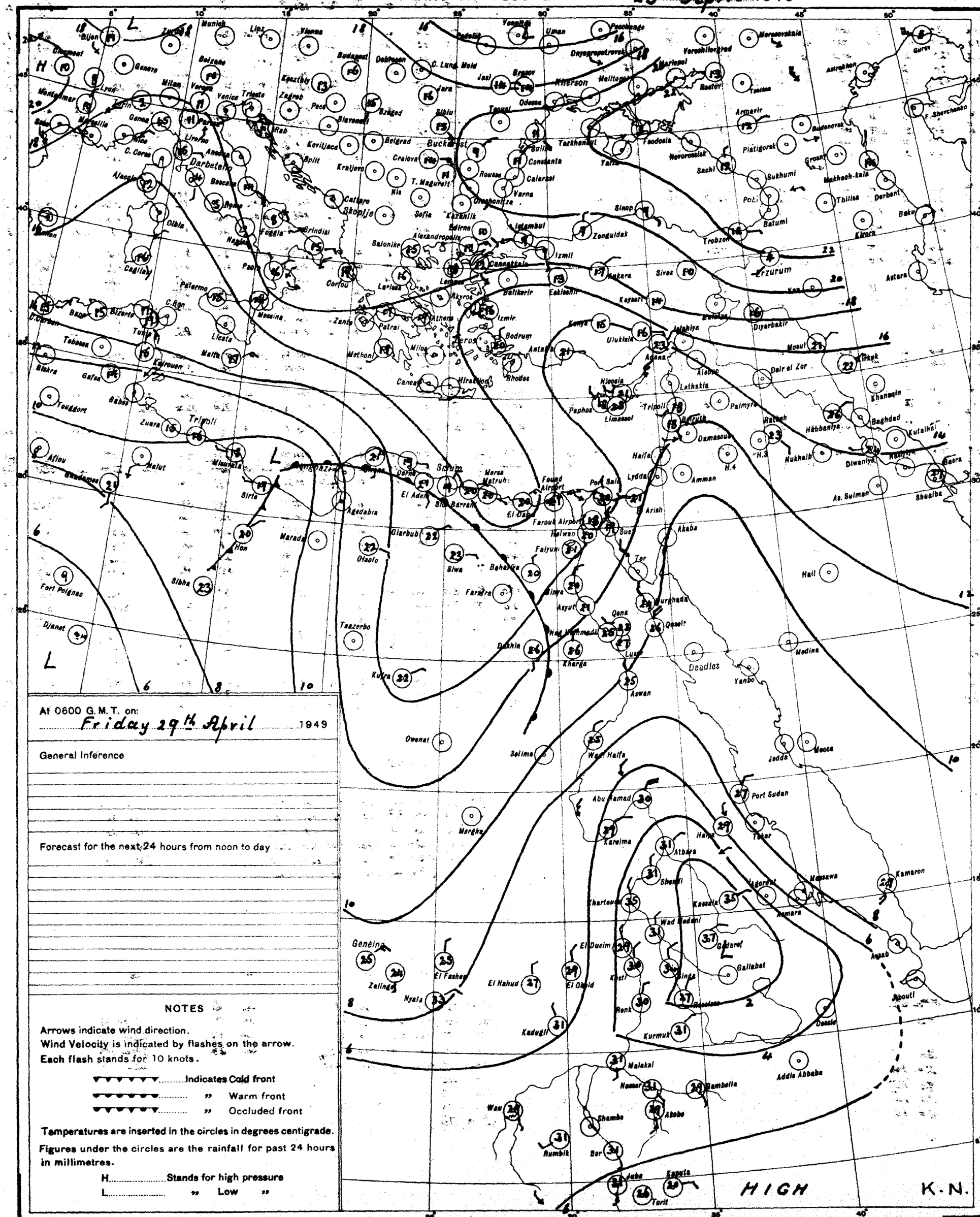
Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	5		5		5				4				4						4		4 30		3 30	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	110	22	50	11	50	6			10	16														
600	120	16	50	22	30	11			30	21			220	8									150	6
1000	80	18	50	25	20	27			20	29			230	14					20	25	350	18	50	6
1500	60	23	10	20	20	23			40	23			240	15					10	17	20	19	70	10
2000	80	3	360	39	20	44							250	17					350	17	40	29		
3000	010	23							20	28									40	4			350	7
4000	320	17																						
5000	300	28																					30	32
6000	330	26																					40	22
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds 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 1948 (48/450).

Note: All times G. M. T.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 29th April 1949



At 0600 G.M.T. on: Friday 29th April 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

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

Indicates Cold front
" Warm front
" Occluded front

Temperatures are inserted in the circles in degrees centigrade.

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

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

S of E 1948(48/195)(48/450)

SCALE 1:15,000,000

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

Form No 7 F.

Time of Sunrise 03 14 G. M. T.
" " Sunset 16 31 G. M. T.

DAILY WEATHER REPORT

Date: Saturday 30th April, 1948

At 1200 on Fri. 29th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	TEMPERATURE °C	HUMIDITY %	DEW POINT °C
MEDITERRANEAN	62300	SALUM											
	62303	SÎDI BARÂNI	70	13	50	03	2	6	Ac	15.9	22	74	17
	62306	MATRÛH	80	8		00	0	0	—	15.3	23	50	12
	62309	EL DABA	40	14		00	0	0	—		23	61	15
		ALEXANDRIA	40	8	50	00	0	0	—	13.3	21	65	14
	62318	FOUAD (Airport)	330	10	18	00	0	0	—	14.2	22	65	15
	62330	DAMIETTA	320	5	15	00	0	0	—	13.1	23	61	15
	62333	PORT SA'ID	340	12	30	02	0	0	—	13.4	21	74	16
	62336	EL 'ARISH	320	3	35	01	0	0	—	13.0	22	83	19
LOWER EGYPT	62339	DAMANHUR	20	9	15	02	0	0	—	15.0	27	42	13
	62342	MANSURA	360	5	35	00	0	0	—	13.0	28	33	10
	62348	TANTA	220	8	35	02	0	0	—	13.0	29	29	9
	62354	ZAGAZIG											
	62441	ISMA'ILIA	40	2	15	02	0	0	—	14.8	29	23	6
CAIRO AREA	62366	FAROUK (Airport)	30	17	18	03	0	1	Cu	11.6	29	19	3
	62372	ALMÂZA											
		EZBEKÎYA	360	6	15	00	0	0	—	11.5	29	35	12
		GÎZA	360	6	15	00	0	0	—	11.9	29	28	9
	62378	HELWÂN	340	9	15	02	0	0	—	11.4	29	23	6
UPPER EGYPT	62381	FAIYÛM	330	5	35	02	0	0	—	11.5	30	25	8
	62387	MINYA	10	17	14	00	0	0	—	11.0	32	20	6
	62393	ASYÛT MANQABAD	360	12	30	00	0	0	—	9.7	34	12	0
	62399	NAG' HAMMÂDI	290	4	7	00	0	0	—	7.4	35	12	1
	62402	QENA	290	9	50	00	0	0	—	6.7	38	9	0
	62405	LUXOR											
	62414	ASWÂN	360	8	50	00	0	0	—	6.3	37	8	-2
OASES	62417	SÎWA	40	5	35	00	0	0	—	15.1	32	38	16
	62420	BAHARÎYA	40	4	35	02	0	0	—	12.2	33	16	4
	62423	FARAFRA											
	62432	DAKHLA											
	62435	KHARGA	360	4	15	00	0	0	—	9.8	34	20	8
RED SEA	62450	SUEZ	360	10		02	0	0	—	12.8	26	42	12
	62459	TÛR											
	62462	HURGHÂDA	340	17		00	0	0	—	8.8	25	58	16
	62465	QUSEIR	20	19	15	02	0	0	—	9.3	26	48	14
	62641	PORT SUDÂN											
NORTH SÛDÂN	62600	WÂDI HALFA											
	62640	ABU HAMAD											
	62660	KAREIMA											
	62680	'ATBARA											
	62721	KHARTÛM											
	62730	KASSALA											
CENTRAL SÛDÂN	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID											
	62760	EL FÂSHER											
	62770	GENEINA											
S. SÛDÂN	62840	MALAKÂL											
	62880	WÂU											
	62941	JUBA											

At 1800 on Fri. 29th

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms.
SALUM	40	11	7	03	1	4	Ci		19	73	14	0
SÎDI BARÂNI	100	5	50	03	2	6	Ac	14.0	19	78	14	0
MATRÛH												
EL DABA				00	0	0	—				13	0
ALEXANDRIA	360	9	7	00	0	0	—		18	83	15	0
FOUAD (Airport)	320	8	18	02	0	0	—		18	83	15	0
DAMIETTA	320	5		03	0	1	Cu	12.6	19	83	16	0
PORT SA'ID	340	12	18	02	0	0	—	11.3	19	83	16	0
EL 'ARISH	320	3	7	02	0	0	—		19	88	17	0
DAMANHUR	40	9	15	02	0	0	—	15.9	22	61	14	0
MANSURA	320	5	3	00	0	0	—	13.0	20	64	13	0
TANTA	00	0	35	03	1	5	Cu	13.6	22	44	9	0
ZAGAZIG	320	5	3	00	0	0	—	12.7	22	57	13	0
ISMA'ILIA	20	2	7	02	0	0	—	13.4	22	57	13	0
FAROUK (Airport)	340	14	12	00	0	0	—	11.7	24	50	14	0
ALMÂZA												
EZBEKÎYA	320	3	15	00	0	0	—	12.2	23	50	12	0
GÎZA	320	3	15	00	0	0	—	12.6	23	52	13	0
HELWÂN	360	10	15	02	0	0	—	11.4	24	47	12	0
FAIYÛM	00	0	35	02	0	0	—	11.0	24	47	12	0
MINYA	20	4	10	00	0	0	—	10.7	21	57	12	0
ASYÛT MANQABAD												
NAG' HAMMÂDI	00	0	15	00	0	0	—	8.4	26	30	7	0
QENA	360	5	7	00	0	0	—	8.4	29	14	-1	0
LUXOR	340	8	12	00	0	0	—	7.8	29	11	-4	0
ASWÂN	360	6	50	00	0	0	—	7.6	32	21	7	0
SÎWA	00	0	7	00	0	0	—	12.3	27	62	19	0
BAHARÎYA	00	0	15	02	0	0	—	11.8	27	33	9	0
FARAFRA												
DAKHLA	320	3	35	00	0	0	—	9.5	30	14	-10	0
KHARGA	360	1	15	00	0	0	—	9.8	28	33	12	0
SUEZ	360	4	7	02	0	0	—	11.4	23	50	12	0
TÛR												
HURGHÂDA				00	0	0	—	8.5	25	61	17	0
QUSEIR	360	9	15	02	0	0	—	8.4	25	47	13	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Saturday 30th

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL Total From Oct. 1st.	RAINFALL Normal From Oct. 1st.
SALUM	40	2	7	03	1	5	Ac	12.0		21			16		47	9	0		
SÎDI BARÂNI	90	11		03	2			11.6		20	23		13		73	15	0	276	
MATRÛH				02	1	4	Ci	12.0		22			15		44	9			
EL DABA	220	15		01	1	4	Cu	12.2		20			13		73	15	0		
ALEXANDRIA	330	4	50	00	0	0	—	11.5	-2.6	20	23	-2	17?	+1	64	13	0	266	183
FOUAD (Airport)	300	6	18	02	0	0	—	12.5		20	24		13?		64	13	0	265	138
DAMIETTA	200	2		03	2	7	Ac	11.6	-2.3	19	24		15		73	14	0	318	103
PORT SA'ID	30	2	18	01	2	7	Sc	11.7		20	23		17		78	16	0	70	
EL 'ARISH	140	3	35	03	2	5	Cu	12.0	-2.7	21	23	-2	15	+1	74	16	0		91
DAMANHUR	40	5	7	02	0	0	—	12.3	-1.7	20	28	0	13	-1	73	15	0	162	98
MANSURA	20	5	15	03	2	8	Cu, Sc	11.6	-2.5	18	30	+1	14	0	73	13	0	49	52
TANTA	00	0	35	03	2	6	Cu	11.8	-2.3	17	30	0	10	-3	88	15	0	34	40
ZAGAZIG	140	5	7	02	1	6	Cu	11.6	-2.7	19	31	+1			83	16	0	21	26
ISMA'ILIA	120	2	7	03	2	6	Sc	11.8		20	30		16		64	13	0	14	
FAROUK (Airport)	00	0	8	01	2	3	Sc	11.6		18	30		17		83	15	0		
ALMÂZA	40	4	13	03	0	3	Sc	11.2		17			14		77	13	0		
EZBEKÎYA	270	3	15	00	0	0	—	12.0	-1.8	19	30	0	16	+1	73	14	0	8	24
GÎZA	270	3	15	00	0	0	—	12.0	-1.8	20	30	0	12	0	66	14	0	16	24
HELWÂN	00	0	7	00	0	0	—	11.5	-1.9	18	30	0	15	-1	73	13	0	16	27
FAIYÛM	00	0	35	03	0	1	Ci	11.9	-1.5	20	31	-1	15	0	64	13	0	6	8
MINYA	360	6	10	02	0	1	Ci	11.7		20	32		13		56	11	0	5	
ASYÛT MANQABAD	00	0	30	00	0	1	Ci	11.3		24			13		41	10	0	0	
NAG' HAMMÂDI	00	0	3	00	0	0	—	10.3	-1.7	24	36		16		47	12	0	0	
QENA	320	4	15	00	0	0	—	10.2	-1.2	23	38	+1	18	0	41	9	0	dr	
LUXOR	00	0	30	00	0	0	—	10.5		26	38		17		27	5	0	dr	
ASWÂN	360	10	50	00	0	0	—	10.4	-1.1	25	37	0	21	0	37	10	0	dr	
SÎWA	40	12	35	00	0	0	—	15.2	+0.4	22	33	+1	12	+5	74	17	0	dr	8
BAHARÎYA	40	6	35	02	1	2	Ac	12.3	-1.7	23	34	+1	16	+1	44	10	0	dr	7
FARAFRA																		dr	
DAKHLA	00	0	35	00	0	0	—	11.1	-1.8	24	35	-1	17	0	15	-5	0	dr	
KHARGA	00	0	35	00	0	0	—	11.5	-0.6	25	34	-2	15	-3	42	11	0	0	
SUEZ	360	4	35	00	0	0	—	11.9	-1.4	19	30	0	15	-2	73	14	0	12	16
TÛR																		dr	13
HURGHADA	300	17		00	0	0	—	9.6		25	26		19		47	13	0	7	
QUSEIR	360	13	15	02	0	0	—	9.1	-2.3	23	28	-1	20	-2	59	15	0	0	4
PORT SUDÂN	350	12	30	00	2	0	—	7.6		28	31		23		47	16	0	34	96
WÂDI HALFA	20	9	30	00	0	0	—	9.5		25	40		19		28	5	0	4	
ABU HAMAD	50	13	30	00	0	0	—	6.1		29	42		24		11	-5	0		
KAREIMA	20	13	10	00	0	0	—	6.4		29	42		23		11	-5	0	3	1
'ATBARA	360	8	30	00	0	0	—	4.6		31	42		25		29	11	0	7	3
KHARTÛM	20	16	30	02	0	0	—	4.3		32	42		25		17	4	0	10	5
KASSALA	20	7	30	00	0	0	—	1.8		33	44		21		32	14	0	16	11
WÂD MEDANI	50	9	60	00	0	0	—	3.6		32	44		20		26	10	0	11	14
RENK	50	5	50	00	0	0	—	7.0		33	41		22		14	2	0	0	56
ROSEIRES	260	5	35	00	0	0	—			29	44		22		25	7	0	3	53
EL OBEID	360	10	30	00	0	0	—	6.1		29	40		21		15	0	0	11	18
EL FÂSHER	360	2	30	00	0	0	—			26	39		17		21	2	0	1	6
GENEINA	50	9	30	00	0	0	—			25	39		19		32	7	0		7
MALAKÂL	250	9	30	01	1	1	Cu	6.6		29	41		25		57	20	0	127	122
WÂU	00	0	30	00	0	2	Cu	7.0		27	41		25		62	19	0	294	235
JUBA	180	9	50	02	2	5	Ac, Cu	7.2		27	41		23		70	21	7	202	305

HUMIDITY % Mean of day

STATION	on 29th	Diff. from normal
Alexandria	77	+8
Ezbekiya	60	+9
Gîza	55	+2
Helwân	41	+2

GÎZA GRASS MINIMUM TEMP. ON 30th 9.3 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

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

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

UPPER WIND OBSERVATIONS on 29th

STATION					Fouad H.P.				P. Said				Minia													
TIME					15				15				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					320	15			340	21			360	30												
600					300	14			320	13			360	33												
1000					300	16			320	14			360	42												
1500					290	17			300	18			360	59												
2000									320	16																
3000									320	14																
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 30th

STATION	SÎDI BARÂNI		MATRÛH		BOUAD AIRPORT		PORT SA'ID		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABAD		LUXOR		ASWÂN		HURGHADA			
TIME	5		4 45		4		4				6 45		3		9		5 30		5					
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	90	21	10	8	320	5	320	6			300	5	20	15	320	1	220	1	10	16				
600	90	17	40	9	350	16	330	4			340	5	10	13	340	4	10	16	20	26				
1000	90	10	60	9	340	15	30	2			350	12	20	15	360	5	10	14	360	26				
1500	10	4	120	16	330	36	10	4			330	32	20	15			20	32	10	49				
2000	240	10	290	16	320	42	140	2			320	39							350	29				
8000			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	5		5		5				4						4 45		4						3 30	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	110	35	70	10	80	7			10	14														
600	120	33	60	13	60	10			30	26					10	17	00	0					240	18
1000	150	32	10	8	10	6			20	23					30	35	00	0					230	23
1500	190	26	340	12	360	3			30	19					30	25	130	1						
2000			330	15	320	13									20	15	350	8						
3000			310	20	350	20			10	29							350	8					50	5
4000					330	42											320	8					50	9
5000																	240	9						
6000																								
7000																								
8000																								

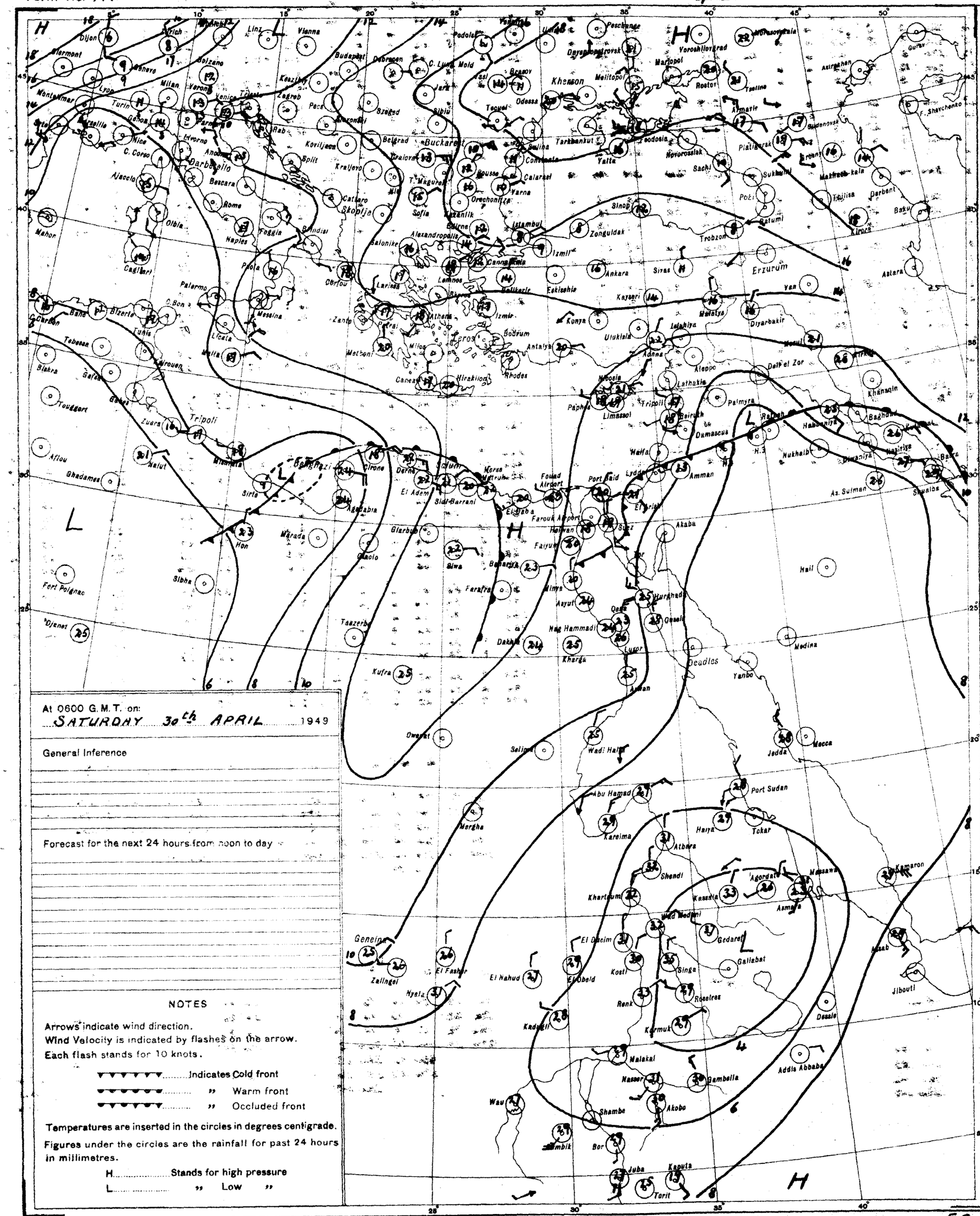
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 30 - 4 - 1949


Dijon
Zurich
Clermont
Linz
Vienna
Bolzano
Budapest
Debrecen
Kaszinya
Zagreb
Pecs
Szeged
Milan
Verona
Venice
Turin
Genoa
Lyon
Marseille
Nice
C. Corso
Livorno
Ajaccio
Bastia
Rome
Olbia
Mahon
Cagliari
Palermo
Messina
Palma
Naples
Foggia
Brindisi
Corfou
Tunis
Bizerte
Bone
Tebessa
Biskra
Gafsa
Touggert
Tripoli
Zuara
Nalut
Aflou
Ghadames
Sirte
Hon
Sibha
Fort Polignac
Djanet
Kufra
Tazerbo
Agedabia
Marada
Giarabub
Siwa
Farafra
Dakhla
Kharga
Owenat
Selima
Wadi Halfa
Abu Hamad
Port Sudan
Merga
Kareima
Atbara
Shendi
Khartoum
Kassala
Agordat
Massawa
Asmara
Kamaron
Geneina
Zalingei
El Fasher
Nyala
El Nahud
El Obeid
El Obeim
Kosti
Gedaref
Gallabat
Singa
Roseires
Renk
Kadugli
Kormuk
Malakal
Nasser
Gambella
Akobo
Wau
Shambe
Bor
Juba
Kapoeta
Torit
Dessie
Addis Ababa
Asab
Jibouti
Jedda
Mecca
Medina
Yanbo
Deadlos
Aswan
Luxor
Qena
Qoseir
Hurghada
Nag Hammadi
Asyut
Minya
Beni Suef
Fouad Airport
Port Said
Farouk Airport
Suez
Ismailia
Tor
Akaba
Amman
Lydda
Haifa
Beirut
Damascus
Palmyra
Latakia
Tripoli
Limassol
Paphos
Nicosia
Famagusta
Rhodes
Heraklion
Canea
Bodrum
Izmir
Antalya
Konya
Eskisehir
Ankara
Kayseri
Malatya
Diyarbakir
Erzurum
Van
Mosul
Kirkuk
Dair el Zor
Aleppo
Iskenderun
Adana
Ulukisla
Sivas
Trebzon
Zonguldak
Sinop
Istanbul
Izmit
Salonika
Alexandropolis
Canea
Lemnos
Larissa
Athens
Patrai
Zante
Corfou
Cattaro
Skoplje
Sofia
Kustendil
Salonika
Belgrade
Kragujevac
Kraljevo
Koriljaca
Split
Rab
Karlovac
Sibiu
Jassy
Cluj
Mold
Debrecen
Budapest
Bucharest
Constanta
Calarasi
Varna
Orechovitza
Tecuci
Braila
Galati
Odessa
Kherson
Melitopol
Dnepropetrovsk
Mariupol
Voroshilovgrad
Rostov
Taganrog
Tsalino
Armavir
Krasnodar
Novorossiysk
Sochi
Poti
Batumi
Tbilisi
Kirovabad
Baku
Derbent
Makhach-kala
Astrakhen
Guriev
Budenovsk
Pyatigorsk
Sukhumi
Yalta
Sevastopol
Feodosia
Tarkhankut
Saliba
Peschanoe
Mikhailovskaia
F. Shevchenko
Aktiubinsk
Khanaqin
Baghdad
Baqubah
Habbaniya
Nukhaib
Diwaniya
Nasiriya
Basra
As Sulman
Shuaiba
Hail
Medina
Mecca
Jedda
Port Sudan
Massawa
Kamaron
Asab
Jibouti
Addis Ababa
Dessie
Gambella
Akobo
Malakal
Kosti
Gedaref
Kassala
Khartoum
Shendi
Atbara
Kareima
Haifa
Tokar
Port Sudan
Merga
Wau
Torit
Juba
Kapoeta
Bor
Shambe
Nasser
Renk
Roseires
Singa
Gallabat
Dessie
Addis Ababa

CAIRO

Time of Sunrise 03 13 G.M.T.

" " Sunset 16 32 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: SUNDAY 1st MAY, 1949

AREA	INDEX NUMBER	STATION	At 1200 on Sat. 30th: WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	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	4	7	02	1	5	Ac	12.8	22	65	15
	62303	SÎDI BARÂNI	50	10	50	02	1	5	Ac	12.5	21	78	18
	62306	MATRÛH	70	8		03	0	3	Ci	12.2	23	50	12
	62309	EL DABÂ	40	15		01	1	5	Cu	12.4	23	50	12
		ALEXANDRIA	310	8	50	00	0	0	-	11.0	21	74	16
	62318	FOUAD (Airport)	330	11	18	00	0	0	-	10.9	22	62	14
	62330	DAMIETTA	360	2	15	01	0	0	-	11.4	21	65	14
	62333	PORT SA'ÎD	10	12	30	01	0	0	-	11.0	23	65	15
	62336	EL 'ARISH	360	9	35	01	0	1	Cu	11.6	20	64	13
LOWER EGYPT	62339	DAMANHUR	40	13	15	02	0	0	-	11.8	25	47	13
	62342	MANSURA	320	5	35	00	1	0	-	10.2	28	40	13
	62348	TANTA	270	5	35	02	1	0	-	10.2	29	40	14
	62354	ZAGAZIG	220	5	15	00	1	0	-	9.0	28	44	15
	62441	ISMAÎLIA	20	2	15	02	1	3	Sc	9.9	27	37	11
CAIRO AREA	62366	FAROUK (Airport)	290	10	18	00	0	0	-	10.2	28	42	14
	62372	ALMAZA	330	8	30	00	0	0	-	7.9	28	40	13
		EZBEKIYA	330	7	35	00	0	0	-	10.2	27	37	11
		GÎZA	330	7	35	00	0	0	-	10.6	28	32	10
	62378	HELWÂN	320	5	50	00	0	0	-	9.6	27	33	9
UPPER EGYPT	62381	FAIYÛM	00	0	35	01	0	1	Ci	9.9	28	33	10
	62387	MINYA	360	7	14	00	0	0	-	9.7	31	24	8
	62393	ASYÛT MANQABÂD	320	5	30	00	0	0	-	9.0	32	14	1
	62399	NAG' HAMMADI	270	4	7	00	0	0	-	7.6	35	19	8
	62402	QENA	290	9	50	00	0	0	-	7.1	37	11	2
	62405	LUXOR	360	13	30	01	1	1	Ci	7.0	36	10	0
	62414	ASWÂN	360	9	50	00	0	0	-	7.1	35	13	3
OASES	62417	SÎWA	110	24	35	00	0	0	-	10.7	34	56	24
	62420	BAHARÎYA	360	1	35	02	0	0	-	10.6	33	21	8
	62423	FARAFRA											
	62432	DAKHLA	320	6	50	00	0	0	-	6.0	36		
	62435	KHARGA	90	1	35	00	0	0	-		34	27	12
RED SEA	62450	SUEZ	360	9	35	02	0	0	-	9.0	27	42	13
	62459	TÛR											
	62462	HURGHÂDA	30	4		00	0	0	-	8.1	25	70	19
	62465	QUSEIR	90	9	15	02	0	0	-	9.0	25	70	19
	62641	PORT SUDÂN	30	18	7	07	0	0	-	7.0	30	49	18
NORTH SUDAN	62600	WÂDI HALFA	20	10	10	00	0	0	-	6.1	27	18	9
	62640	ABU HAMAD	50	13	10	00	0	0	-	3.0	40	6	-5
	62660	KAREIMA	40	12	7	07	0	0	-	3.8	39	7	-3
	62680	'ATBARA	340	9	30	00	0	0	-	1.3	40	7	-2
	62721	KHARTÛM	20	12	30	00	0	0	-	1.0	41	15	9
	62730	KASSALA	310	2	30	00	0	0	-	999.5	43	17	13
CENTRAL SUDAN	62751	WÂD MEDANI	360	5	35	00	0	0	-	999.2	43	13	8
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	340	10	30	00	0	0	-	999.8	38		
	62760	EL FÂSHER	60	13	30	00	0	0	-		37	13	5
	62770	GENEINA	70	8	30	00	0	0	-		38	24	14
S. SUDAN	62840	MALAKÂL	230	8	30	03	1	4	Cu	1.9	40	20	13
	62880	WÂU	230	1	30	01	1	4	Cu.Ci	1.4	39	24	15
	62941	JUBA	180	5		03	1	2	Cu.Ac	1.9	37	33	18

STATION	At 1800 on Sat. 30th: WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST 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				01	1	5	Ac	12.4			16	0
SÎDI BARÂNI	50	8	50	02	1	3	Ac	11.8	18	95	18	0
MATRÛH	00	0	14	03	1	1	Ac	12.1	18	88	16	0
EL DABÂ	40	9		01	1	3	Cu	12.0	18	80	16	0
ALEXANDRIA	360	5	7	03	1	3	Ac	12.6	19	68	13	0
FOUAD (Airport)	10	6	15	01	2	4	Sc.Ci	12.0	17	88	15	0
DAMIETTA	20	2		03	2	8	As	11.5	18	78	14	0
PORT SA'ÎD	40	8	15	03	0	6	Sc	11.8	18	78	14	0
EL 'ARISH			38	01	0	3	Ci		18	94	17	0
DAMANHUR	360	5	15	03	1	4	Ci	12.4	19	73	14	0
MANSURA	360	2	3	00	0	0	-	12.0	18	88	15	0
TANTA	360	2	35	02	0	0	-	12.6	21	65	14	0
ZAGAZIG	40	5	3	00	0	0	-	11.9	19	83	16	0
ISMAÎLIA	20	2	7	02	0	0	-	11.0	19	73	14	0
FAROUK (Airport)	70	15	12	00	0	0	-	10.5	21	65	14	0
ALMAZA	40	14	13	00	0	0	-	10.8	23	61	15	0
EZBEKIYA	40	4	15	00	0	0	-	11.5	22	57	13	0
GÎZA	40	4	15	00	0	0	-	11.5	22	61	14	0
HELWÂN	20	12	35	01	0	0	-	10.1	23	61	15	0
FAIYÛM	00	0	35	02	0	1	Ci	9.9	23	50	12	0
MINYA	00	0	10	00	0	0	-	9.4	24	44	11	0
ASYÛT MANQABÂD												
NAG' HAMMADI	00	0	3	00	0	0	-	8.7	26	48	14	0
QENA	270	5	7	00	0	0	-	8.0	30	21	5	0
LUXOR												
ASWÂN	00	0	50	00	0	0	-	8.2	30	21	5	0
SÎWA	00	0	15	00	0	0	-	8.3	30	59	21	0
BAHARÎYA	00	0	15	02	0	0	-	9.8	29	29	9	0
FARAFRA												
DAKHLA	00	0	35	00	0	0	-	7.8	32	10	-3	0
KHARGA	00	0	15	00	0	0	-	8.2	30	31	11	0
SUEZ	360	5	7	02	0	0	-	9.1	24	61	16	0
TÛR												
HURGHÂDA	310	28		00	0	0	-	7.5	24	54	14	0
QUSEIR	140	9	15	02	0	0	-	8.2	24	61	16	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

STATION	At 0600 on SUNDAY 1st: WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	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	1	7	03	2	7	Sc,Ac	12.2		17	22		15		88	15	0		
SÎDI BARÂNI	100	11	35	01	2	8	Fc,Fs	13.0		18	23		15		88	16	0	276	
MATRÛH	130	6	14	02	0	4	Sc	13.8		18	24		13		88	16	0		
EL DABÂ	140	15		01	1	4	Cu	13.5		19					83	16	0		
ALEXANDRIA	40	5	50	00	0	0	-	13.8	-0.3	21	22	-3	15	-1	65	14	0	267	184
FOUAD (Airport)	70	10	30	02	0	0	-	13.5		20	22		14		78	16	0	265	138
DAMIETTA	360	5	3	01	1	2	Cu	13.9	0.0	20	23		14		83	17	0	318	104
PORT SA'ÎD	40	8	14	03	0	7	Cu,Ac	13.9		19	23		16		83	16	0	70	
EL 'ARISH			35	03	0	1	Cu	13.5	-0.2	19	21	-4	16	+2	73	14	0		92
DAMANHUR	360	5	7	02	0	0	-	14.2	+0.3	20	26	-3	14	0	83	17	0	102	99
MANSURA	20	5	35	00	0	0	-	13.6	-0.4	20	29	-1	15	+1	83	17	0	49	53
TANTA	40	2	35	03	1	6	Cu	14.4	+0.3	20	30	0	11	-2	73	15	0	34	41
ZAGAZIG	40	5	7	00	0	0	-	13.5	-0.7	20	29	-1	14	+1	83	17	0	21	26
ISMAÎLIA	70	2	7	02	2	8	Sc	13.8		20	28		16		73	15	0	14	
FAROUK (Airport)											28								
ALMAZA	50	14	15	00	0	0	-	13.2		19	28		14		73	14	0		
EZBEKIYA	40	6	15	00	0	0	-	13.5	-0.3	21	29	-2	14	-1	65	14	0	8	25
GÎZA	40	6	15	00	0	0	-	13.5	-0.3	22	29	-2	13	+1	61	14	0	16	25
HELWÂN	40	5	15	00	0	0	-	12.7	-0.7	21	28	-3	15	-1	57	12	0	16	28
FAIYÛM	20	5	35	02	0	1	Cu	12.8	-0.6	20	30	-2	14	-1	64	13	0	6	8
MINYA	10	7	10	01	2	3	Ac	11.9		20	32		16		64	13	0	5	
ASYÛT MANQABÂD	00	0	30	00	0	1	Ac	11.1		24	34		19		41	10	0	0	
NAG' HAMMADI	00	0	3	01	1	2	Ac	10.2	-1.8	25	36		16		47	13	0	0	
QENA	320	5	35	00	0	0	-	10.2	-1.2	28	38	+1	19	+1	27	7	0	dr	
LUXOR	20	6	30	01	0	1	Cu	9.8		28			19		25	6	0	dr	
ASWÂN	20	3	50	00	0	0	-	9.6	-1.8	27	37	0	22	0	33	9	0	dr	
SÎWA	90	4	35	02	0	0	-	11.0	-3.8	24	35	+3	19	+5	61	16	0	dr	8
BAHARÎYA	90	4	35	02	1	3	Ac	11.8	-2.1	24	35	+2	20	+5	47	12	0	dr	7
FARAFRA																		dr	
DAKHLA	00	0	35	00	0	0	-	9.0	-3.8	26	39	+3	14	-3	13	-5	0	dr	
KHARGA	00	0	35	00	0	0	-	9.9	-2.2	26	35	-1			37	10	0	0	
SUEZ	360	9	35	00	0	0	-	13.6	+0.3	20	30	-1	16	-1	73	15	0	12	16
TÛR	340	4	35	00	0	0	-	13.3	+1.9	22			19	+1	65	15	0	dr	13
HURGHADA	320	13		00	0	0	-	11.2		22	27		20		74	17	0	7	
QUSEIR	360	13	15	02	0	0	-	10.2	-1.1	27	28	-1	21	-1	37	11	0	0	4
PORT SUDÂN	360	5	30	00	0	0	-	9.9		28	33		19		42	14	0	34	16
WÂDI HALFA	360	2	10	00	0	0	-	9.3		25	39		19		32	7	0	tr	
ABU HAMAD	50	3	30	00	0	0	-			29	40		21		17	1	0		
KAREIMA	20	9	10	00	0	0	-	7.7		29	40		24		19	3	0	3	1
'ATBARA	50	5	30	00	0	0	-	7.6		28	41		21		20	3	0	7	4
KHARTÛM	50	13	10	02	0	0	-	6.0		31	43		24		22	7	0	10	5
KASSALA	110	5	30	00	0	0	-	4.0		32			23		36	15	0	16	12
WÂD MEDANI	70	9	35	00	0	0	-	5.4		29	44		24		31	10	0	11	15
RENK	290	9	50	00	0	0	-			34	42		21		6	-8	0	0	57
ROSEIRES	270	9	35	00	0	0	-			34	43		24		29	13	0	3	54
EL OBEID	30	15	30	00	0	0	-	6.2		30	41		21		13	-1	0	11	19
EL FÂSHER	300	2	30	00	0	0	-			23	38		16		27	3	0	1	7
GENEINA	50	3	30	00	0	0	-			21	40		17		41	7	0		8
MALAKÂL	200	9	30	00	0	0	-	5.7		31	41		25		46	18	0	127	124
WÂU	150	6	30	01	1	4	Ci	6.2		29	41		27		62	21	0	294	238
JUBA	180	9	50	03	2	8	Cu,Sc	7.4		29	38		25		59	20	0	205	310

HUMIDITY

Mean of day

STATION	on 30th %	Diff. from normal
Alexandria	69	0
Ezbekiya	63	+12
Giza	61	+8
Helwân	59	+20

GÎZA GRASS MINIMUM TEMP. ON 1st 10.6 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — AIRPORT

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

RAWINSONDE — AIRPORT

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

RAWINSONDE — AIRPORT

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

UPPER WIND OBSERVATIONS on 30th

STATION	Fouad. A.P.		Matrûh		Port. Saïd				Minya															
TIME	15		13		14				15															
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	340	11	60	10	20	17			10	13														
600	330	10	50	10	350	11			10	15														
1000	10	8	40	10	290	17			20	13														
1500	360	16	350	12	330	23			10	13														
2000	330	38	360	23	330	24			10	16														
3000	320	38							320	23														
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 1st

STATION	SÎDI 'BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		
TIME	5				4		4				6 45		3		8		5 30				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	90	19			70	11	20	7			50	13	30	18	20	11	40	6			350	26		
600					100	17	350	9			50	14	40	25	10	10	350	4			320	32		
1000					90	16					50	24	50	22	10	12	350	10			300	18		
1500					80	14					360	19	350	28	330	23	350	8			270	9		
2000					40	11					340	18	340	38	310	27								
3000											340	26												
4000																								
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	5		5		5												4		4	15	5	45	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	100	39	70	18	100	7																		
600	100	42	80	28	100	11											70	7					200	16
1000	110	39	50	20	120	12											10	10	40	40	20	10	180	23
1500	170	11	10	12	100	23											330	7	30	17	60	28	210	2
2000	180	6	290	15	100	43											310	4					130	1
3000	310	11	280	23																			150	4
4000	290	35																					100	4
5000	310	45																						
6000	310	48																						
7000																								
8000																								

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

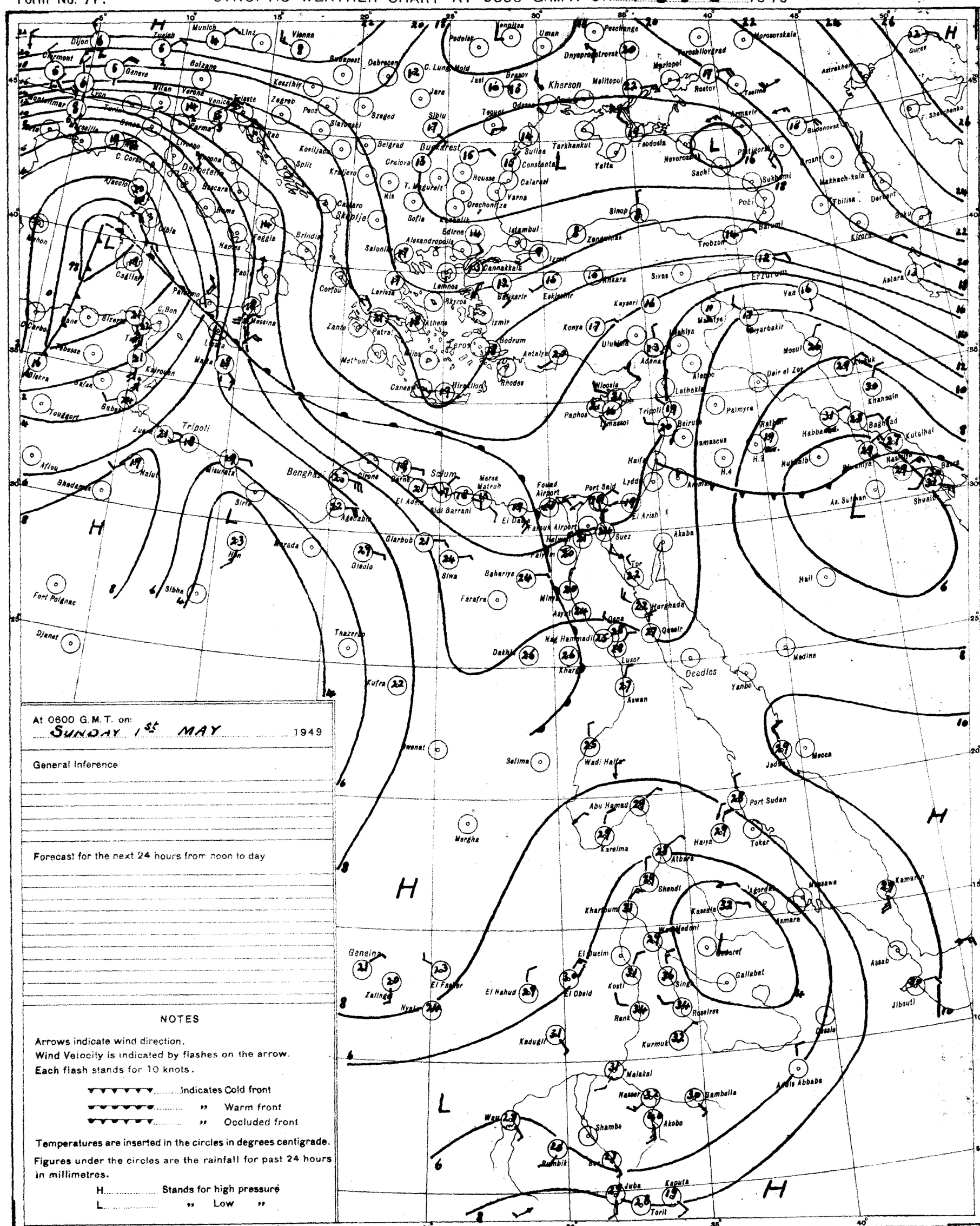
Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

SEP 6 1949 WEATHER BUREAU

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 1 - 5 - 1949


Dijon
Zurich
Munich
Linz
Vienna
Budapest
Debrecen
Bolzano
Milan
Verona
Venice
Trieste
Zagreb
Pecs
Szeged
Keszthely
Rab
Split
Koriljach
Kraljevo
Belgrad
Craiova
Bucharest
Sibiu
Jara
Jasi
Braslov
Kherson
Odessa
Tecuci
Sulina
Constanta
Tarkhankut
Yalta
Feodosia
Novorossiysk
Sochi
Sukhumi
Poti
Batumi
Trabzon
Sinop
Samsun
Zonguldak
Istanbul
Edirne
Alexandropolis
Salonika
Cannakkale
Lemnos
Skyros
Larissa
Corfou
Brindisi
Foggia
Naples
Rome
Pisa
Genoa
Livorno
Marseille
Nice
Ajaccio
Cagliari
Palermo
Messina
Malta
Tripoli
Benghazi
Sirte
Kufra
Djanet
Tamanrasset
Fort Polignac
Tunis
Sfax
Gabes
Kairouan
Biskra
Algiers
Oran
Tangier
Casablanca
Agadir
Tindouf
Gao
Timbuktu
Bamako
Dakar
Bathurst
Freetown
Monrovia
Accra
Lagos
Kano
Maiduguri
Fort Lamy
Abeche
Tamanrrasset
Ghadames
Nalut
Zuara
Misurata
Agedabia
Jalo
Kufra
Tazerbo
Sebha
Murzuk
Ghat
Ghadamis
Gafsa
Tozeur
Biskra
Constantine
Bone
Algiers
Oran
Tangier
Casablanca
Rabat
Fez
Tetuan
Malaga
Cordoba
Madrid
Lisbon
Porto
Santander
Bordeaux
Toulouse
Marseille
Lyon
Paris
Brest
Cherbourg
Le Havre
Dublin
Valentia
Shannon
Belfast
Manchester
London
Birmingham
Bristol
Plymouth
Southampton
Portsmouth
Hastings
Dover
Ostend
Brussels
Amsterdam
Hamburg
Berlin
Copenhagen
Stockholm
Oslo
Bergen
Reykjavik
Stornoway
Lerwick
Kiev
Odessa
Kherson
Dnyeprepetrovsk
Kharkov
Voroshilovgrad
Mariupol
Rostov
Taganrog
Kerch
Sevastopol
Simferopol
Feodosia
Novorossiysk
Tuapse
Sochi
Sukhumi
Poti
Batumi
Tbilisi
Baku
Derbent
Makhach-kala
Astrakhan
Guriev
Aralsk
Orenburg
Kazan
Kirov
Vologda
Moscow
Smolensk
Minsk
Kaunas
Riga
Tallinn
Leningrad
Murmansk
Archangel
Kola
Petsamo
Tromsoe
Bodo
Trondheim
Stavanger
Bergen
Oslo
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Tallinn
Riga
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Minsk
Kiev
Odessa
Kherson
Simferopol
Sevastopol
Kerch
Tuapse
Sochi
Sukhumi
Poti
Batumi
Trabzon
Erzurum
Van
Diyarbakir
Mosul
Kirkuk
Khanaqin
Baghdad
Kutalhai
Basra
Shuaiba
Abadan
Bushire
Bahrein
Dhahran
Riyadh
Jeddah
Medina
Mecca
Yanbo
Aden
Hodeida
Massawa
Asmara
Kassala
Gedaref
Gallabat
Addis Ababa
Asab
Jibouti
Berbera
Mogadishu
Kismayu
Port Sudan
Atbara
Khartoum
Omdurman
Wadi Halfa
Abu Hamad
Kareima
Shendi
Kosti
Renk
Malakal
Nasser
Bambella
Akobo
Juba
Kapoeta
Torit
Wau
Shambe
Bumbik
El Obeid
El Fasher
El Nahud
Kadugli
Kurmuk
Roseires
Geneina
Zalingei
Nyala
Port Said
Fouad Airport
Lydda
Haifa
Beirut
Damascus
Tripoli
Paphos
Nicosia
Aleppo
Latakia
Palmyra
Deir el Zor
Mosul
Mardin
Diyarbakir
Van
Erzurum
Ankara
Sivas
Kayseri
Konya
Adana
Mersin
Antalya
Rhodes
Bodrum
Izmir
Athens
Patras
Zante
Corfou
Brindisi

CAIRO

Time of Sunrise 03 12 G.M.T.

" " Sunset 16 33 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: Monday 2nd May, 1949

At 1200 on Sun. 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	40	4	7	01	1	5	Ac	11.8	22	65	15
	62303	SÎDI BARÂNI	60	12		01	0	1	Ci	13.3	20	69	14
	62306	MATRÛH											
	62309	EL DABA	40	19		00	0	0	-		20	83	17
		ALEXANDRIA	360	11	50	01	1	3	Cu, Ci	13.5	21		
	62316	FOUAD (Airport)	360	15	30	03	0	1	Ci	13.4	25	58	16
	62330	DAMIETTA	20	2	15	02	1	3	Ac	13.4	24	61	16
	62333	PORT SA'ID	30	10	30	02	0	1	Ci	13.2	23	65	16
	62336	EL 'ARISH	320	3	35	02	0	1	Cu	13.3	21	74	16
Lower Egypt	62339	DAMANHUR	40	13	15	02	1	1	Ci	13.6	29	35	12
	62342	MANSURA	360	5	35	01	1	3	Ac	12.8	28	40	13
	62348	TANTA	360	5	35	02	1	0	-	13.6	30	35	13
	62354	ZAGAZIG											
	62441	ISMA'ILIA	20	9	15	03	1	5	As	12.2	28	33	10
Cairo Area	62366	FAROUK (Airport)											
	62372	ALMAZA	40	15	30	00	0	0	-	11.6	29	33	11
		EZBEKIYA	360	4	35	00	0	0	-	11.5	29	35	12
		GÎZA	360	4	35	00	0	0	-	11.8	30	31	11
	62378	HELWÂN	360	13	7	02	0	0	-	11.4	29	23	6
Upper Egypt	62381	FAIYÛM	20	8	35	02	0	0	-	10.8	32	29	12
	62387	MINYA	30	15	12	00	0	0	-	9.2	33	24	10
	62393	ASYÛT Manqabad	340	8	30	00	0	0	-	8.6	34	18	6
	62399	NAG' HAMMADI	320	2	15	00	0	0	-	7.5	35	19	8
	62402	QENA	290	9	50	00	0	0	-	7.2	37	11	2
	62405	LUXOR	340	23	30	00	0	0	-	6.9	37	12	3
	62414	ASWÂN	340	4	50	00	0	0	-	7.4	36	18	8
Oases	62417	SÎWA	90	18	35	00	0	0	-	9.8	34		
	62420	BAHARÎYA	360	3	35	02	1	3	Ac, Cu	9.6	33	16	4
	62423	FARAFRA											
	62432	DAKHLA	180	3	50	00	0	0	-	6.8?	40	12	6
	62435	KHARGA	200	2	35	00	0	0	-	8.6?	36	25	13
Red Sea	62450	SUEZ	360	11	35	02	0	0	-	11.4	28	40	13
	62459	TÛR	310	15	35	00	0	0	-		25	54	15
	62462	HURGHÂDA	20	14		00	0	0	-	9.3	24	74	19
	62465	QUSEIR	40	9	15	02	0	0	-	9.6	25	74	20
	62641	PORT SÛDAN	70	11	30	00	0	0	-	7.6	31	33	13
North Sudan	62600	WÂDI HALFA	20	4	30	00	0	0	-	6.6	38	21	12
	62640	ABU HAMAD	20	9	30	00	0	0	-	3.9	41	7	-2
	62660	KAREIMA	50	10	10	00	0	0	-	4.3	41	6	-3
	62680	'ATBARA	20	13	7	07	0	0	-	2.8	41	5	-7
	62721	KHARTÛM	50	13	12	05	0	0	-	3.7	41	11	5
	62730	KASSALA											
Central Sudan	62751	WÂD MEDANI	360	13	35	00	0	0	-	1.2	42	8	1
	62801	RENK											
	62802	ROSEIRES	230	5	35	00	0	0	-		43	12	8
	62771	EL OBEID	20	10	30	00	0	0	-	2.1	40	11	4
	62760	EL FÂSHER	90	10	30	00	0	0	-		39	20	12
	62770	GENEINA	360	3	30	00	0	0	-		38	22	13
S. Sudan	62840	MALAKÂL	310	10	30	95	2	6	Ac	2.8	37	31	17
	62880	WÂU	320	2	30	95	9	7	Fc, Fs	4.6	36	62	23
	62941	JUBA	180	9	30	03	2	7	Cu, Cs	3.1	36	35	18

At 1800 on Sun. 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												
SÎDI BARÂNI	70	12	50	02	1	4	As	12.6	17	95	17	0
MATRÛH												
EL DABA	40	10		00	0	0	-	14.2	19	83	16	0
ALEXANDRIA	40	9	50	00	0	0	-	14.2	19	83	16	0
FOUAD (Airport)	40	10	12	00	0	0	-	13.7	21	74	16	0
DAMIETTA	360	2		01	0	2	Ac	13.6	20	83	17	0
PORT SA'ID	50	7	18	01	0	3	Ci	13.0	20	78	16	0
EL 'ARISH			35	01	0	0	-	13.4	20	83	17	0
DAMANHUR	40	7	15	02	1	1	Ci	13.5	21	65	14	0
MANSURA	40	5	3	00	1	0	-	13.6	21	65	14	0
TANTA	00	0	35	02	0	0	-	13.9	23	50	12	0
ZAGAZIG	40	5	3	00	0	0	-	14.6	21	65	14	0
ISMA'ILIA	20	2	15	02	0	0	-	13.0	21	65	14	0
FAROUK (Airport)												
ALMAZA	20	14	12	00	0	0	-	11.9	24	47	12	0
EZBEKIYA	40	6	15	00	0	0	-	12.6	23	44	10	0
GÎZA	40	6	15	00	0	0	-	12.6	23	47	11	0
HELWÂN	20	12	15	02	0	0	-	11.8	24	38	9	0
FAIYÛM	20	2	35	02	0	0	-	11.1	25	34	8	0
MINYA	20	7	8	00	0	0	-	9.3	24	38	9	0
ASYÛT Manqabad												
NAG' HAMMADI			7	00	0	0	-	7.8	26	42	12	0
QENA	270	5	7	00	0	0	-	8.3	28	16	0	0
LUXOR	00	0	12	00	0	0	-	7.5	30	17	2	0
ASWÂN	00	0	50	00	0	0	-	7.8	31	23	7	0
SÎWA	70	15	7	00	0	0	-	10.0	28	58	17	0
BAHARÎYA	70	5	15	02	1	0	-	10.4	28	27	7	0
FARAFRA												
DAKHLA	320	6	35	00	0	0	-	7.2	34	14	3	0
KHARGA	00	0	15	00	0	0	-	8.2	30	29	10	0
SUEZ	360	5	7	02	0	0	-	12.7	23	61	15	0
TÛR	340	11	15	00	0	0	-	9.9	23	69	17	0
HURGHÂDA	300	12		00	0	0	-	8.5	25	61	17	0
QUSEIR	360	9	15	02	0	0	-	9.5	24	69	18	0
PORT SÛDAN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Monday 2nd

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	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	6	7	03	2	7	Ac	13.1		19			15		88	17	0		
SÎDI BARÂNI	70	6	50	01	2	5	Cu, As	14.4		18	21		14		88	16	0	276	
MATRÛH	120	1	15	03	1	3	Ci	14.5		20			12		69	14	0		
EL DABA	40	10		01	1	3	Cu	14.0		22			11		74	17	0		
ALEXANDRIA	130	3	50	03	1	4	Sc, Cu, Ac	14.6	+0.5	22	22	-3	16	0	57	13	0	267	184
FOUAD (Airport)	30	6	12	02	0	3	Sc, Ci	14.1		21	26		13		65	14	0	265	138
DAMIETTA	290	2	3	00	0	0	-	14.2	+0.4	21	24		13		74	16	0	318	104
PORT SA'ID	350	5	18	02	0	0	-	14.0		21	24		18		65	14	0	70	
EL 'ARISH			35	01	0	0	-	13.5	-0.2	22	22	-3	14	0	57	13	0		92
DAMANHUR	130	5	7	02	1	2	Ci	14.6	+0.7	21	30	+1	15	+1	74	16	0	102	99
MANSURA	40	2	35	00	0	0	-	14.2	+0.2	23	29	-1	16	+2	61	15	0	49	53
TANTA	90	2	35	02	0	0	-	14.7	+0.6	21	30	0	12	-1	74	16	0	34	41
ZAGAZIG	40	5	7	00	0	0	-	14.2	0.0	22	30	0	14	+1	74	17	0	21	26
ISMA'ILIA	00	0	7	02	0	0	-	13.8		23	28		16		44	10	0	14	
FAROUK (Airport)	70	10	15	00	1	0	-	13.1		23					47	11	0		
ALMAZA	80	12	13	00	0	0	-	13.0	-0.7	24	30		17		38	9	0		
EZBEKIYA	40	4	15	00	0	0	-	13.5	-0.2	25	30	-1	16	0	34	8	0	8	25
GÎZA	40	4	15	00	0	0	-	13.9	+0.2	23	30	-1	13	+1	52	12	0	16	25
HELWÂN	70	1	7	00	0	1	Ci	13.2	-0.2	24	30	-1	17	+1	32	6	0	16	28
FAIYÛM	20	2	35	03	1	3	Ci	13.3	-0.1	22	32	0	16	+1	50	11	0	6	8
MINYA	10	6	12	02	1	6	Ci	11.7		21	34		14		57	12	0	5	
ASYÛT Manqabad	00	0	30	00	0	3	As, Ci	11.0		24	36		19		34	7	0	0	
NAG' HAMMADI	00	0	3	01	1	5	Ci	10.3	-1.6	25	36		16		47	13	0	0	
QENA	360	5	35	03	1	5	Ci	10.4	-0.9	26	38	+1	19	+1	37	10	0	dr	
LUXOR	20	4	30	00	0	0	-	9.9		26	38		18		35	9	0	dr	
ASWÂN	00	0	50	00	0	0	-	10.2	-1.2	25	37	-1	22	0	34	8	0	dr	
SÎWA	40	5	35	00	0	0	-	11.1	-3.5	24	35	+3	20	+6	74	19	0	dr	8
BAHARÎYA	90	5	35	02	1	4	Ac	11.9	-2.0	25	34	+1	19	+4	42	11	0	dr	7
FARAFRA																		dr	
DAKHLA	140	3	35	00	0	0	-	8.6	-4.2	27	40	+4	20	+3	17	0	0	dr	
KHARGA	00	0	35	00	0	0	-	9.8	-2.2	25	37	+1	22	+3	36	9	0	0	
SUEZ	360	3	35	00	0	0	-	12.8	-0.5	22	29	-2	15?	-2	50	11	0	12	16
TÛR	00	0	35	00	0	0	-	11.1	-0.3	24	28	-2	20	+1	54	14	0	dr	13
HURGHÂDA	330	8		03	0	1	Ci	10.6		22	26		20		69	16	0	7	
QUSEIR	360	9	15	02	0	0	-	10.3	-1.0	25	27	-2	20	-2	47	13	0	0	4
PORT SÛDAN	360	1	30	00	0	0	-	9.6			33					9	0	34	96
WÂDI HALFA	00	0	10	00	0	0	-	8.8		28	39		21		37	12	0	tr	
ABU HAMAD	00	0	30	00	0	0	-	9.6		31	41		23		19	5	0		
KAREIMA	20	1	10	00	0	0	-	8.3		29	42		22		20	4	0	3	1
'ATBARA	20	2	30	00	0	0	-	8.3		29	42		22		22	5	0	7	4
KHARTÛM	70	8	30	00	0	0	-	7.7		32	42		24		21	7	0	10	5
KASSALA	90	5	30	00	0	0	-	5.9		34	43		27		32	15	0	16	12
WÂD MEDANI	360	9	50	00	0	0	-	7.4		30	44		23		16	1	0	11	15
RENK	360	2	50	00	0	0	-	7.8		31	42		21		24	8	0	0	57
ROSEIRES	230	19	35	00	0	0	-			31	44		25		41	16	0	3	55
EL OBEID	40	14	30	00	0	0	-	7.6		30	41		24		14	0	0	11	19
EL FÂSHER	310	3	30	00	0	0	-			27	40		19		28	7	0	1	7
GENEINA	50	3	30	00	0	0	-			26	40		19		35	9	0		8
MALAKÂL	250	4	30	03	2	8	cs	10.5		27	39		24		66	20	0	127	126
WÂU	150	7	30	02	1	7	cs	10.0		25	39		24		70	19	dr	294	241
JUBA	160	5	30	03	9	8	Sc, Cu, Ac	11.5		23	37		21		84	20	11	216	315

HUMIDITY % Mean of day

Station	on 1st	Diff. from normal
Alexandria	71	+2
Ezbekiya	53	+2
Giza	51	-2
Helwân	43	+4

GÎZA GRASS MINIMUM TEMP. ON 2nd 9.8 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

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

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

UPPER WIND OBSERVATIONS on 1st

Station	Matruh				Fouad Air				P. Said				Minia				Almaza			
Time	14				15				14				16				15			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	170	17			40	20			20	14			10	19			40	10		
600	170	18			40	13			360	23			10	20			40	12		
1000	170	16			50	10			20	21			10	18			30	11		
1500	220	12			60	13							20	20			30	10		
2000	80	9			20	13							20	21						
3000																				
4000																				
5000																				
6000																				
7000																				
8000																				

UPPER WIND OBSERVATIONS on 2nd

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'id		El 'Arîsh		Helwân		Minya		Asyût Manqabad		Luxor		Aswân		Hurghada		Farouk A.P.	
Time	5		4	45	4		4				6	15	3		6	15	6		5		9		2	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	130	16	320	27	80	9	360	7			60	10	90	16	40	5	10	8	20	4	360	23	80	14
600	130	17	200	32	100	8	40	12			60	8	80	19	20	14	350	6	70	18	330	16	50	20
1000	140	10	310	7	110	11	30	14			50	16	60	17	10	15	320	8	40	15	320	21	50	19
1500	110	3	170	7	130	13	30	17			50	18	70	15	320	14	330	22	320	23	330	9	30	20
2000	300	9	350	16							350	15	60	13	320	22			340	16	320	24	350	12
3000			290	22																				
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	5		5		5								4				4				4	30	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	110	42	90	17	90	13																		
600	120	43	100	23	80	17							70	17			10	6					230	11
1000	130	30	110	20	110	9							40	14			20	3			360	12	210	19
1500	150	20	80	14	250	16							360	15			10	9			70	19		
2000	240	8	300	13	330	8							10	30										
3000	310	23	340	23													260	7						
4000	310	23															240	6						
5000																								
6000																								
7000																								
8000																								

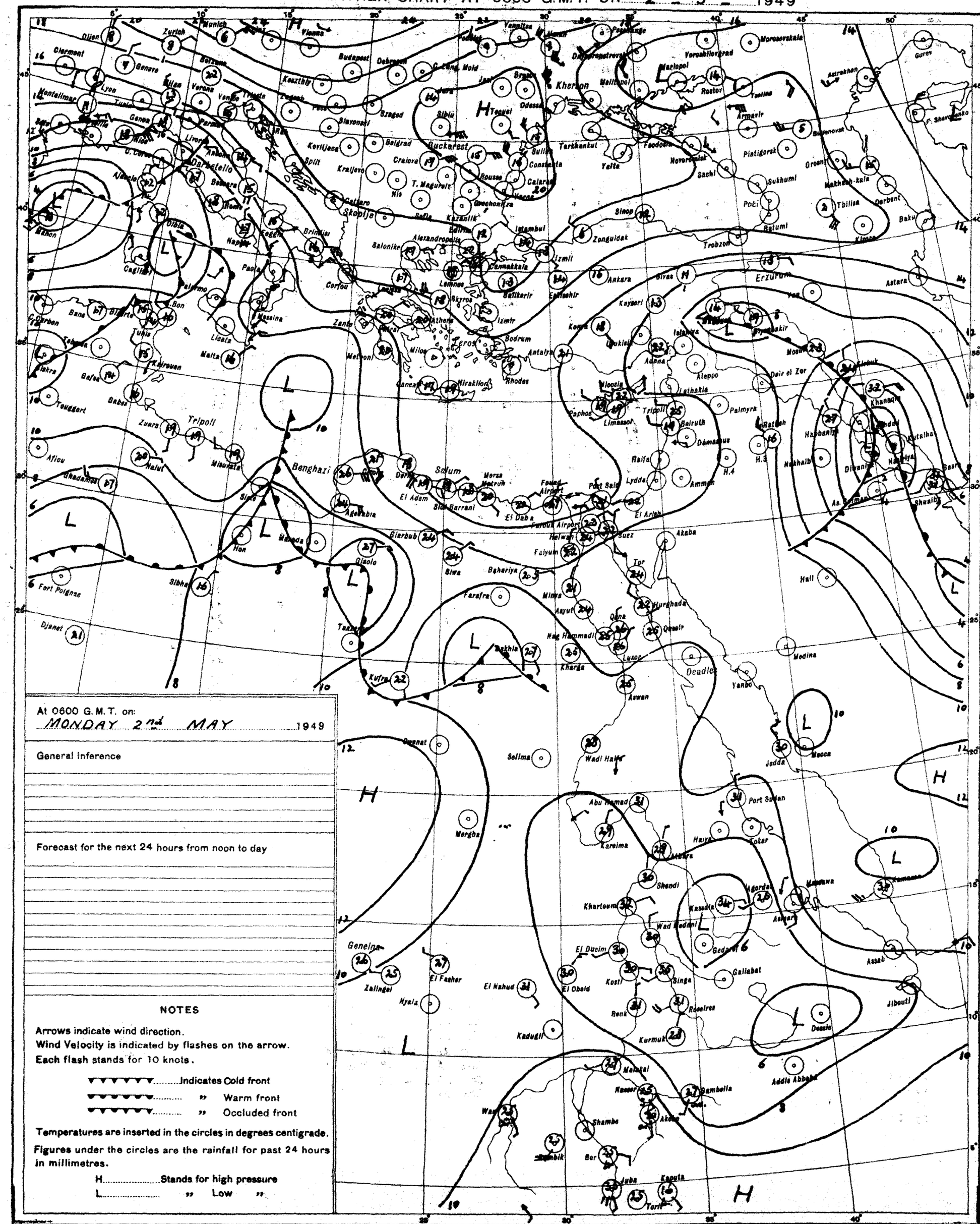
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 2 - 5 - 1949


Munich
Zurich
Vienna
Budapest
Debrecen
Kecskemet
Szeged
Belgrad
Kraljevo
Nis
Skopje
Sofia
Kazanlik
Edirne
Istanbul
Zonguldak
Sinop
Trabzon
Erzurum
Astara
Ankara
Sivas
Kayseri
Konya
Adana
Aleppo
Deir el Zor
Mosul
Khanaqin
Kirkuk
Basra
Shuaiba
Nakhaib
Hail
Medina
Mecca
Jedda
Yanbo
Port Sudan
Tokar
Hayia
Kareima
Atbara
Shendi
Khartoum
Kassala
Gedaref
Asmara
Massawa
Assab
Jibouti
Dessie
Addis Ababa
Gambella
Akobo
Malakal
Kosti
Singa
Renk
Roseires
Kurmuk
El Obeid
El Dueim
El Nahud
Kadugli
Geneina
Zalingei
Nyala
El Fasher
Wau
Shambe
Bor
Juba
Kapoeta
Torit
Mergha
Selima
Wadi Halfa
Dongola
Abu Hamad
Aswan
Kharga
Luxor
Nag Hammadi
Qena
Deadie
Hurghada
Qeseir
Faiyum
Minya
Asyut
Bahariya
Farafra
Siwa
Glarbub
Glaolo
Hon
Sibha
Kufra
Tazerbo
Fort Polignac
Djanet
Benghazi
Sollum
Mersa Matruh
El Adem
Sidi Barrani
El Daba
Furouk Airport
Helwan
Suez
Port Said
Lydda
Ammon
Haifa
Beirut
Damascus
Palmyra
Rattah
H.3
H.4
Akaba
Tor
Nicosia
Larnaca
Paphos
Limassol
Tripoli
Rhodes
Antalya
Bodrum
Izmir
Athens
Lemnos
Canakkale
Balikesir
Eskisehir
Izmit
Istanbul
Salonika
Alexandropolis
Skyros
Corfou
Zante
Brindisi
Bari
Messina
Palermo
Cagliari
Ajaccio
Marseille
Genoa
Milan
Lyon
Clermont
Dijon
Montelimar
Tunis
Bizerte
Bone
Tebessa
Biskra
Gafsa
Gabes
Zuara
Tripoli
Misurata
Nalut
Ghadames
Aflou
Tougourt
Kairouan
Malta
Lecata
Tuble
Bone
Algiers
Oran
Tangier
Malaga
Valencia
Barcelona
Madrid
Lisbon
Porto
Santander
Bordeaux
Paris
London
Cardiff
Dublin
Belfast
Edinburgh
Manchester
Birmingham
Southampton
Plymouth
Brest
Cherbourg
Le Havre
Ostende
Amsterdam
Hamburg
Berlin
Copenhagen
Stockholm
Oslo
Bergen
Reykjavik
Kiev
Odessa
Kherson
Mariupol
Rostov
Taganrog
Voroshilovgrad
Dnepropetrovsk
Melitopol
Tiraspol
Kishinev
Jassy
Bucharest
Constanta
Calarasi
Craiova
Sibiu
Tecuci
Tarkhankut
Yalta
Feodosia
Novorossisk
Sochi
Sukhumi
Poti
Batumi
Tbilisi
Groznyi
Makhach-kala
Derbent
Baku
Astrakhan
Guryev
Armavir
Pyatigorsk
Budenovsk
Moscow
Leningrad
Murmansk
Archangel
Kazan
Kuybyshev
Saratov
Tashkent
Alma-Ata
Tiflis
Erivan
Kars
Van
Diyarbakir
Mosul
Tehran
Mashhad
Kabul
Peshawar
Karachi
Quetta
Lahore
Delhi
Calcutta
Rangoon
Bangkok
Hong Kong
Shanghai
Tientsin
Peking
Tokyo
Osaka
Sapporo
Vladivostok
Khabarovsk
Irkutsk
Omsk
Novosibirsk
Tomsk
Yakutsk
Verkhoyansk
Tiksi
Dikson
Amderma
Vorkuta
Murmansk
Archangel
Kiruna
Tromso
Bodo
Stavanger
Bergen
Oslo
Stockholm
Helsinki
Tallinn
Riga
Vilna
Kaunas
Minsk

CAIRO
Time of Sunrise 03 11 G. M. T.
" " Sunset 16 33 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: TUESDAY 3rd MAY, 1949

At 1200 on Mon. 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	90	1	3	02	2	7	Ac	9.9	25	61	17
	62303	SÎDI BARÂNI	50	15	50	03	2	7	As	11.1	24	74	19
	62306	MATRÛH	120	10	18	02	2	8	Ci	12.2	26	48	14
	62309	EL DABA	340	20	0.8	01	1	1	Sc	16.0	23	65	16
		ALEXANDRIA	40	6	50	02	2	8	Sc,Ac	13.2	23	50	12
	62318	FOUAD (Airport)	20	7	15	03	2	7	Ci	13.1	25	47	13
	62330	DAMIETTA	360	5	15	03	2	7	As	13.8	25	42	11
	62333	PORT SA'ÎD	350	6	30	03	0	3	Ci	14.0	22	61	14
	62336	EL 'ARISH	320	2	35	03	0	1	Cu	13.4	23	61	15
Lower Egypt	62339	DAMANHUR	40	5	15	03	1	7	Ci	14.0	29	35	12
	62342	MANSURA	360	5	18	01	1	5	Ac	13.1	30	25	8
	62348	TANTA	310	13	35	01	1	5	Cu	12.8	30	31	11
	62354	ZAGAZIG	40	2	7	02	2	8	As	12.8	31	31	12
	62441	ISMA'ÎLÎA	340	5	7	03	2	8	As	12.7	29	31	10
Cairo Area	62366	FAROUK (Airport)	40	9	30	02	2	7	Ci	12.2	31	43	17
	62372	ALMAZA	30	14	30	03	2	8	Ci	12.1	30	31	11
		EZBEKIYA	360	6	35	00	0	3	Ci	12.3	30	31	11
		GÎZA	360	6	35	00	0	3	Ci	12.3	30	25	9
	62378	HELWÂN	340	8	35	03	2	8	Cs	12.2	30	18	3
Upper Egypt	62381	FAIYÛM	20	5	35	02	1	3	Ci	11.5	31	22	7
	62387	MINYA	20	11	14	03	1	6	Ci	10.5	31	22	7
	62393	ASYÛT MANQABÂD	360	5	30	03	1	3	Ci	8.8	35	16	6
	62399	NAG' HAMMADI	320	2	15	01	1	4	Ac	7.9			
	62402	QENA	290	5	50	01	1	3	Ci	7.6	26	20	10
	62405	LUXOR	340	6	30	02	1	2	Ci	7.4	36	13	4
	62414	ASWÂN	340	10	50	01	1	3	As	7.6	37	11	2
Oases	62417	SÎWA	90	6	35	00	0	0	—	11.1	34	56	24
	62420	BAHARÎYA	360	7	35	03	2	6	Ac	13.2	34	14	3
	62423	FARAFRA											
	62432	DAKHLA	320	3	35	00	0	0	—	6.4?	40	10	2
	62435	KHARGA	90	1	35	02	1	4	Ci	8.5	36	20	10
Red Sea	62450	SUEZ	360	9	35	02	0	0	—	11.1	29	35	12
	62459	TÛR	310	12	35	00	0	0	—	9.4	25	54	15
	62462	HURGHÂDA	360	8		02	1	3	Ci	10.2	24	74	19
	62465	QUSEIR	360	9	15	00	1	3	Ci	10.7	24	69	18
	62641	PORT SÛDÂN	90	14	30	00	0	0	—	7.6	32	38	16
North Sudan	62600	WÂDI HALFA	300	4	10	00	0	0	—	5.6	40	20	13
	62640	ABU HAMAD	20	9	30	00	0	0	—	4.6	41	7	-2
	62660	KAREIMA	360	5	30	00	0	0	—	5.9	41	9	2
	62680	'ATBARA	360	2	30	00	0	0	—	4.1	40	10	2
	62721	KHARTÛM	50	13	35	00	0	0	—	3.6	42	11	5
	62730	KASSALA	360	2	30	00	0	0	—	1.7	41	13	7
Central Sudan	62751	WÂD MEDANI	360	5	35	00	0	0	—	2.3	41	10	3
	62801	RENK	230	5	50	00	0	0	—		40	24	16
	62802	ROSEIRES	270	9	35	00	0	0	—		40	14	8
	62771	EL OBEID	90	4	30	00	0	0	—	3.7	39	12	5
	62760	EL FÂSHER	130	15	7	05	0	0	—		39	16	9
	62770	GENEINA	180	4	30	00	1	0	—		40	26	17
S. Sudan	62840	MALAKÂL	200	13	30	02	1	5	Cu	5.3	37	31	17
	62880	WÂU	00	0	30	00	0	2	Cu,Ci	5.1	37	27	15
	62941	JUBA											

At 1800 on 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	40	11	7	02	2	7	Ac	11.9	20	64	13	0
SÎDI BARÂNI	80	11	35	02	2	8	As	11.4	19	88	17	0
MATRÛH	140	2	12	02	2	8	Sc	13.1	20	69	14	0
EL DABA	340	15	0.8	01	1	1	Cb	12.6	22	74	17	0
ALEXANDRIA	40	3	7	01	2	4	Sc,Ac	13.4	20	73	15	0
FOUAD (Airport)	360	6	14	03	2	8	Ac,Ci	12.3	19	73	14	0
DAMIETTA	360	2		02	2	6	As	12.8	22	57	13	0
PORT SA'ÎD	20	6	18	01	2	5	Ac	12.7	21	65	14	0
EL 'ARISH			15	03	1	5	Cu	13.0	18	88	16	0
DAMANHUR	40	5	7	02	1	6	Cs	13.1	21	[illegible]	14	0
MANSURA	20	2	3	00	1	0	—	12.8	22	56	11	0
TANTA	00	0	35	02	1	0	—	13.0	24	47	12	0
ZAGAZIG	40	2	3	00	1	0	—	12.8	22	57	13	0
ISMA'ÎLÎA	20	2	7	03	2	8	As	11.6	23	38	8	0
FAROUK (Airport)	50	14	12	02	2	8	Ci	11.7	26	42	12	0
ALMAZA	40	11	11	02	2	8	Ci	11.0	26	37	10	0
EZBEKIYA	40	2	15	00	0	0	—	12.2	24	47	12	0
GÎZA	40	2	15	00	0	0	—	11.6	26	36	9	0
HELWÂN	40	3	35	01	2	6	Cs	12.8	26	30	7	0
FAIYÛM	00	0	35	02	1	3	Ci	10.8	23	50	12	0
MINYA	360	1	12	01	1	1	Ci	10.1	23	44	10	0
ASYÛT MANQABÂD												
NAG' HAMMADI	00	0	7	00	0	0	—	8.0	26	37	10	0
QENA	270	2	7	02	1	3	Ci	7.9	28	27	7	0
LUXOR	250	5	12	02	1	0	—	7.3	30	16	1	0
ASWÂN	00	0	50	00	0	0	—	7.6	33	11	-1	0
SÎWA	00	0	35	00	0	0	—	10.4	25	61	17	0
BAHARÎYA	360	2	15	02	1	0	—	10.6	27	27	6	0
FARAFRA												
DAKHLA	320	9	35	00	0	0	—	6.8?	34	14	3	0
KHARGA	40	1	15	00	0	0	—	3.3	31	31	12	0
SUEZ	360	3	7	02	0	0	—	11.5	24	47	12	0
TÛR	310	9	15	00	0	0	—	8.3	28	40	13	0
HURGHÂDA	330	3	50	01	0	3	Ci,Cu	9.7	25	70	19	0
QUSEIR	90	9	15	01	0	0	—	9.8	29	40	14	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 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.	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	4	7	01	0	0	—	12.6		20	26		14		83	17	0		
SÎDI BARÂNI	110	4	50	00	0	0	—	13.0		20	24		11		73	15	0	276	
MATRÛH	00	0	18	00	0	0	—	12.7		21	23		11		65	14	0		
EL DABA	360	15	0.8	00	0	0	—	12.8		24	29		12?		47	12	0		
ALEXANDRIA	220	6	50	00	0	0	—	12.4	-1.7	21	24	-1	18	+1	74	16	0	267	184
FOUAD (Airport)	310	6	18	02	0	0	—	12.3		23	26		12?		74	18	0	265	138
DAMIETTA	200	2		03	0	0	—	11.8	-2.0	22	25		12		65	15	0	348	104
PORT SA'ÎD	260	6	18	02	0	0	—	11.7		22	24		18		61	14	0		
EL 'ARISH	220	2	35	01	0	0	—	11.9	-1.8	24	23	-3	14	0	38	9	0		92
DAMANHUR	360	5	7	02	0	0	—	11.6	-2.3	23	29	0	18	+4	61	15	0	102	99
MANSURA	320	2	35	00	0	0	—	12.0	-2.0	23	31	+1	13	-1	61	15	0	49	53
TANTA	00	0	35	02	0	0	—	12.1	-2.0	20	31	0	11	-2	64	13	0	34	41
ZAGAZIG	40	2	7	00	0	0	—	12.3	-1.9	24	31	+1	14	+1			0	21	26
ISMA'ÎLÎA	180	2	7	02	0	0	—	11.9		24	30		16		54	14	0	14	
FAROUK (Airport)	340	3	12	00	0	0	—	12.0		22	31		19		44	9	0		
ALMAZA	00	0	8	10	0	0	—	11.9		22	31		18		47	10	0		
EZBEKIYA	360	5	15	00	0	0	—	11.9	-1.8	23	30	-1	15	-1	44	10	0	8	25
GÎZA	360	5	15	00	0	0	—	12.3	-1.4	23	31	0	12	-1	48	11	0	16	25
HELWÂN	340	3	3	06	0	0	—	11.9	-1.5	21	31	0	18	+2	50	10	0	16	28
FAIYÛM	20	2	35	01	0	0	—	11.6	-1.7	24	32	-1	16	+1	38	9	0	6	8
MINYA	10	8	10	00	0	0	—	11.3		22	32		16		44	7	0	5	
ASYÛT MANQABÂD	270	2	30	00	0	0	—	10.2		24	36		18		34	7	0	0	
NAG' HAMMADI	320	1		00	0	0	—	10.3	-1.5	26	36		16		37	10	0	0	
QENA	360	5	35	00	0	0	—	9.1	-2.2	27	38	+1	20	+1	33	9	0	Dr.	
LUXOR	00	0	30	00	0	0	—	9.0		27	39		18		30	8	0	Dr.	
ASWÂN	00	0	50	00	0	0	—	8.6	-2.7	27	39	+1	23	+1	35	10	0	Dr.	
SÎWA	00	0	35	00	0	0	—	11.2	-3.5	25	35	+3	16	+2	61	17	0	Dr.	8
BAHARÎYA	360	4	35	02	0	0	—	11.8	-2.0	24	35	+2	18	+3	38	9	0	Dr.	7
FARAFRA	40	3		02	1	1	Ac	10.5		24			16		47	12	0	Dr.	
DAKHLA	00	0	35	00	0	0	—	8.2	-4.5	27	41	+5	20	+3	15	-2	0	Dr.	
KHARGA	360	2	35	00	0	0	—	8.7	-3.2	26	37	+1	19	0	37	10	0	0	
SUEZ	360	3	35	00	0	0	—	11.8	-1.4	23	30	-1	15?	-2	44	10	0	12	16
TÛR	310	5	35	00	0	0	—	7.4	-3.9	22	29	-1	18	-1	74	17	0	Dr.	13
HURGHADA	340	11		00	0	0	—	9.6		23	26		17		65	16	0	7	
QUSEIR	360	9	15	02	0	0	—	9.6	-1.6	25	26	-4	21	-1	54	15	0	0	4
PORT SÛDÂN	360	1	30	03	1	7	Ci,Cs	9.6		27	33		19		55	17	0	34	96
WÂDI HALFA	00	0	30	02	1	1	Ci	7.5		29	42		22		31	10	0	Tr.	
ABU HAMAD	90	3	30	03	1	4	Ci	6.9		30	42		24		17	2	0		
KAREIMA	50	2	10	00	0	0	—	7.9		30	42		23		21	5	0	3	1
'ATBARA	90	5	30	00	0	0	—	7.3		31	41		24		17	3	0	7	4
KHARTÛM	60	5	30	00	0	0	—	7.1		32	43		23		18	5	0	10	5
KASSALA	20	2	30	00	0	0	—	6.2		33	41		22		23	9	0	16	12
WÂD MEDANI	280	5	50	02	0	0	—	4.8		29	43		22		17	1	0	11	15
RENK																		0	58
ROSEIRES	270	5	35	00	0	0	—			31	41		27		38	15	0	3	57
EL OBEID	180	16	30	00	0	0	—	7.7		31	46		22		21	6	0	11	17
EL FÂSHER	00	0	30	00	0	0	—			27	46		19		23	4	0	1	7
GENEINA	70	1	30	00	0	0	—			24	41		19		38	9	0	Dr.	8
MALAKÂL	180	11	30	02	0	2	Ac	9.0		30	39		24		49	18	0	127	128
WÂU	00	0	30	00	0	0	—	8.8		28	38		26		62	20	1	295	245
JUBA	180	5	30	03	1	3	Ac	10.6		25	30		21		79	21	Dr.	216	320

HUMIDITY %

Mean of day

Station	on 2nd	Diff from normal
Alexandria	63	-6
Ezbekiya	37	-14
Giza	41	-12
Helwân	29	-10

GÎZA

GRASS MINIMUM TEMP. ON 3rd 8.4 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On 3rd At 3

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

Remarks

RAWINSONDE

Pressure mbs.	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
Farouk Airport, On 3rd At 3					
1000	95	17	49	90	10
950					
900					
850	1483	15	36	360	7
800					
700	3096	5	31	320	27
600					
500	5753	-14		320	49
400		-26			
300	7412	-47			
..... Airport, On ..... At					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					
..... Airport, On ..... At					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on .....

Height m.	Fouad A.P. Dir.	Vel.	Port Said Dir.	Vel.	Matruh Dir.	Vel.	Minya Dir.	Vel.	Almaza Dir.	Vel.
Time	15		15		14 15		15		14	
300	80	9	340	15	120	16	350	39	60	6
600	80	10	340	17	160	10	10	42	40	9
1000	100	8	360	12	180	9	10	40	40	10
1500	140	4	180	14	280	8			360	15
2000	350	17	10	16	120	23			330	20
3000			340	19					310	16
4000										
5000										
6000										
7000										
8000										

UPPER WIND OBSERVATIONS on .....

Height m.	Sîdi Barâni Dir.	Vel.	Matrûh Dir.	Vel.	Fouad Airport Dir.	Vel.	Port Sa'îd Dir.	Vel.	El 'Arîsh Dir.	Vel.	Helwân Dir.	Vel.	Minya Dir.	Vel.	Asyût Manqabâd Dir.	Vel.	Luxor Dir.	Vel.	Aswân Dir.	Vel.	Hurghada Dir.	Vel.	Farouk A.P. Dir.	Vel.
Time	5		4								8 45		5		8 30				5		9		3	
300	90	12	80	8									10	16	350	8								
600	70	10	40	7							20	7	10	16	360	9					30	7	50	16
1000	40	8	10	8							360	9	10	16	360	12			360	12	90	4	20	15
1500	320	8									360	10	10	18	360	15			320	8	340	10	10	11
2000	310	19									320	5	20	19	330	21			350	15	310	19	350	7
3000															300	21			340	22	320	27	330	16
4000															290	19							320	27
5000																								
6000																								
7000																								
8000																								

Station	Sîwa Dir.	Vel.	Bahariya Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Wâdi Halfa Dir.	Vel.	Abu Hamad Dir.	Vel.	Kareima Dir.	Vel.	Khartûm Dir.	Vel.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fâsher Dir.	Vel.	Malakâl Dir.	Vel.
Time	5		5		5		4 30						5		4		4		3 30		4 30		3 30	
300	10	12	70	10	280	2	30	16																
600	120	6	50	12	20	4	20	14					70	19	30	13	90	8					180	17
1000	50	10	20	16	20	5	360	10					50	15	60	19	50	17	50	21	280	5	160	22
1500	10	10	350	23	40	11	30	11					350	15	60	20	10	13	60	23	60	8	220	11
2000	350	16	320	17	30	10	90	12					330	11	40	13							350	10
3000	320	28			320	16	30	11							20	16	290	8			360	7	20	23
4000	320	35													10	26	340	7						
5000	320	32													320	27							60	11
6000																								
7000																								
8000																								

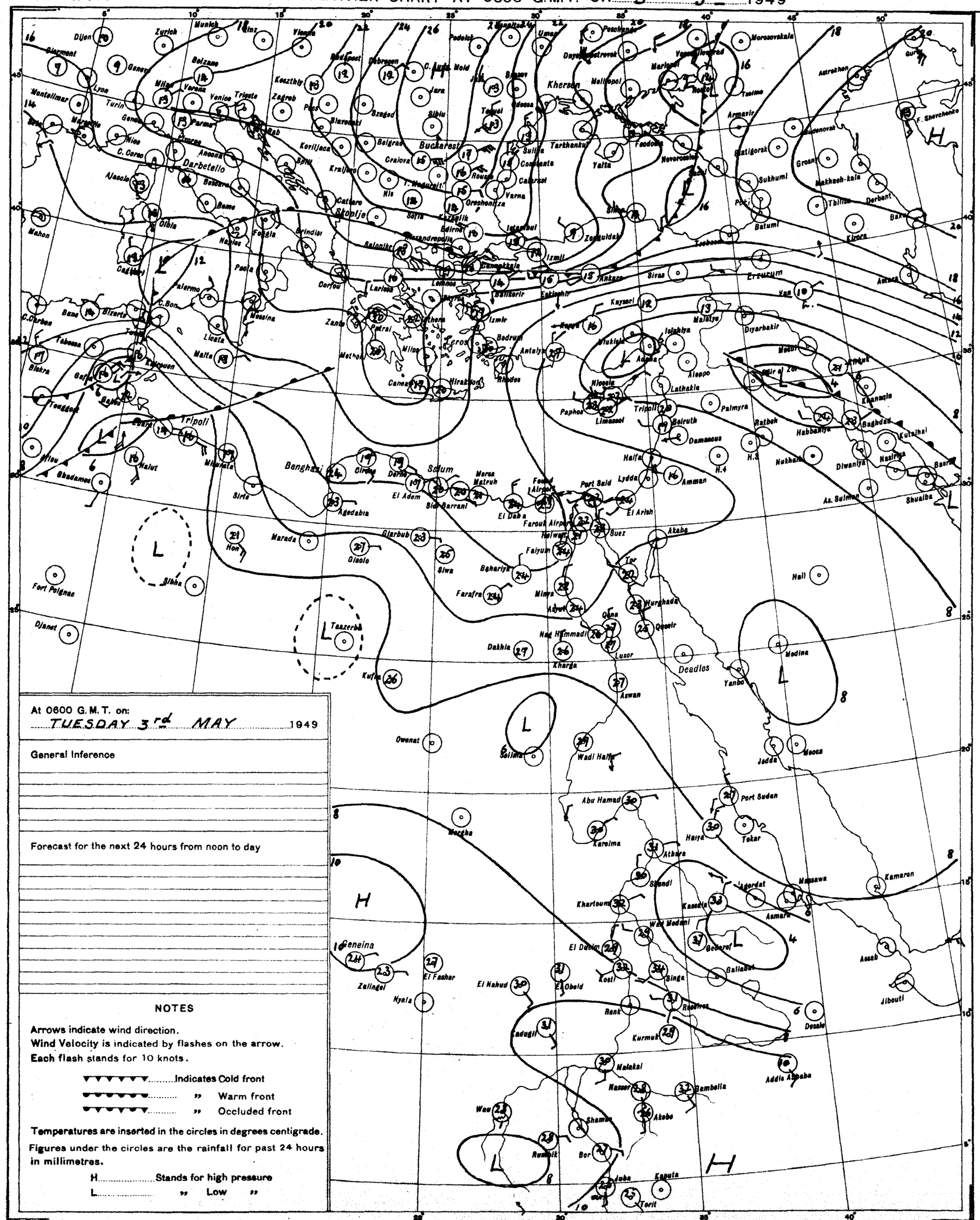
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 3 - 5 - 1949


Dijon
Zurich
Munich
Vienna
Budapest
Kherson
Moscow
Astrakhen
Lyon
Turin
Milan
Venice
Trieste
Zagreb
Belgrade
Buckarest
Sofia
Istanbul
Ankara
Erzurum
Tbilisi
Derbent
Baku
Batumi
Sukhumi
Yalta
Sevastopol
Rome
Naples
Palermo
Malta
Tripoli
Benghazi
Sollum
Cairo
Alexandria
Port Said
Suez
Aden
Asmara
Khartoum
Port Sudan
Massawa
Addis Ababa
Nairobi
Kampala
Mogadishu
Djibouti
Aden
Jeddah
Medina
Mecca
Deadles
Luxor
Aswan
Wadi Halfa
Abu Hamad
Kareima
Atbara
Khartoum
Kassala
Gedaref
Geneina
Zalingei
Nyala
El Fasher
El Obeid
Renk
Malakal
Bor
Juba
Torit
Kampala
Nairobi
Addis Ababa
Asmara
Massawa
Kamaron
Assab
Jibouti
Dessie
Gambella
Akobo
Wau
Rumbek
Kurmuk
Kadugli
Kosti
Singa
Gallabat
Tessenei
Kassala
Wad Medani
El Dueim
Khartoum
Port Sudan
Tokar
Haiya
Jeddah
Medina
Mecca
Yanbo
Deadles
Luxor
Aswan
Wadi Halfa
Abu Hamad
Kareima
Atbara
Shendi
Khartoum
Kassala
Gedaref
Asmara
Massawa
Kamaron
Assab
Jibouti
Dessie
Addis Ababa
Gambella
Akobo
Malakal
Nasser
Bor
Juba
Kaputa
Torit
Wau
Rumbek
Kurmuk
Kadugli
Renk
Kosti
Singa
Gallabat
Tessenei
Kassala
Wad Medani
El Dueim
Geneina
Zalingei
Nyala
El Fasher
El Nahud
El Obeid

CAIRO

Time of Sunrise 03 10 G. M. T.

" " Sunset 16 34 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date : WEDNESDAY 4th MAY , 1949

At 1200 on Tues 3rd

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM											
	62303	SÎDI BARÂNI	40	5	50	00	0	0	–	12.4	20?	73	15
	62306	MATRÛH	70	6		00	0	0	–	12.5	25	54	15
	62309	EL DABA	360	16		00	0				25	47	13
		ALEXANDRIA	270	9	50	00	0	0	–	11.2	22	65	15
	62318	FOUAD (Airport)	320	11	15	02	0	0	–	11.0	24	54	14
	62330	DAMIETTA	340	2	15	00	0	0	–	11.0	24	54	14
	62333	PORT SA'ÎD	360	12	30	02	0	0	–	10.6	24	47	12
	62336	EL 'ARISH	320	2	35	02	0	0	–	10.7	27	33	9
Lower Egypt	62339	DAMANHUR	360	13	15	02	0	0	–	11.4	28	27	7
	62342	MANSURA	320	5	35	00	0	0	–	9.8	31	22	7
	62348	TANTA	270	2	35	02	0	0	–	9.8	31	22	7
	62354	ZAGAZIG	250	5	15	00	0	0	–	9.4	32	24	9
	62441	ISMA'ILIA	320	2	15	02	0	0	–	8.8	31	24	8
Cairo Area	62366	FAROUK (Airport)	290	12	30	00	0	0	–	9.0	31	28	10
	62372	ALMÂZA	320	10	30	00	0	0	–	9.4	30	27	9
		EZBEKÎYA	30	6	35	00	0	0	–	9.4	30	21	5
		GÎZA	30	6	35	00	0	0	–	9.9	31	16	2
	62378	HELWÂN	290	12	35	02	0	0	–	8.8	30	11	-4
Upper Egypt	62381	FAIYÛM	360	5	35	02	0	0	–	8.7	32	15	2
	62387	MINYA	30	13	14	00	0	0	–	8.4	33	19	6
	62393	ASYÛT MANQABÂD	00	0	30	00	0	0	–	7.1	36	12	2
	62399	NAG' HAMMÂDI	320	2	15	00	0	0	–	5.6	37	22	12
	62402	QENA	240	5	50	00	0	0	–	4.6	39	14	7
	62405	LUXOR											
	62414	ASWÂN	340	8	50	00	0	0	–	5.0	38	13	5
Oases	62417	SÎWA	00	0	35	00	0	0	–	10.4	36	63	28
	62420	BAHARÎYA	360	3	35	02	0	0	–	9.6	35	15	5
	62423	FARAFRA											
	62432	DAKHLA	320	9	50	00	0	0	–	6.3	38	6	-5
	62435	KHARGA	360	1	35	00	0	0	–	7.8	37	22	12
Red Sea	62450	SUEZ	360	3	35	02	0	0	–	8.4	30	31	11
	62459	TÛR											
	62462	HURGHÂDA	20	6		00	0	0	–	8.5	24	79	20
	62465	QUSEIR	20	5	15	02	0	0	–	8.7	26	62	18
	62641	PORT SÛDÂN	90	9	30	01	1	5	Cu	6.1	31	38	15
North Sûdân	62600	WÂDI HALFA	340	5	10	03	0	4	Cu	4.0	41	18	12
	62640	ABU HAMAD	230	2	30	00	0	0	–	3.0	41	10	3
	62660	KAREIMA	20	3		00	0	0	–	2.4	43	8	1
	62680	'ATBARA	110	5	30	00	0	0	–	2.3	41	10	3
	62721	KHARTÛM	50	10	30	00	0	0	–	2.3	42	14	9
	62730	KASSALA	360	2	30	00	0	0	–	0.9	40	16	10
Central Sûdân	62751	WÂD MEDANI	360	5	35	00	0	0	–	1.2	40	12	5
	62801	RENK	360	7	50	00	0	0	–	3.5	40	20	13
	62802	ROSEIRES	230	5	50	00	0	0	–		42	11	5
	62771	EL OBEID			30	00	0	0	–	2.9	40	6	-5
	62760	EL FÂSHER	110	12	30	00	0	0	–		40	10	2
	62770	GENEINA	230	4	30	00	0	0	–		40	28	18
S. Sûdân	62840	MALAKÂL	120	3	50	03	1	4	Cu, Sc	3.9	39	23	14
	62880	WÂU	00	0	30	02	1	6	Cu	3.0	39	23	14
	62941	JUBA	90	5	50	02	1	6	Cu, Ac	3.7	36	31	16

At 1800 on 3rd

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALUM	20	2	7	02	0	0	–	11.9	20	73	15	0
SÎDI BARÂNI	50	5	35	00	0	1	As		19	64	12	0
MATRÛH	00	0	13	00	0	0	–	11.8	18	73	13	0
EL DABA	360	10		00	0	0	–				12	0
ALEXANDRIA	360	6	7	03	1	3	Sc, As	10.3	18	88	16	0
FOUAD (Airport)	320	14	13	00	0	0	–	10.2	18	88	16	0
DAMIETTA	320	2		00	0	0	–	9.6	19	88	17	0
PORT SA'ÎD	330	10	15	02	0	0	–	7.1	20	88	18	0
EL 'ARISH			15	02	0	0	–	10.3	18	83	15	0
DAMANHUR	310	5	15	02	0	0	–	10.4	21	65	14	0
MANSURA	360	5	3	00	0	0	–	9.9	20	73	15	0
TANTA	310	2	35	02	0	0	–		21	57	12	0
ZAGAZIG	320	2	3	00	0	0	–	9.4	22	50	11	0
ISMA'ILIA	360	2		02	0	0	–	8.8	23	38	8	0
FAROUK (Airport)	360	14	15	00	0	0	–	9.3	24	47	12	0
ALMÂZA	10	11	13	00	0	0	–	8.7	25	47	13	0
EZBEKÎYA	360	5	15	00	0	0	–	9.9	23	44	10	0
GÎZA	360	5	15	00	0	0	–	9.9	24	38	9	0
HELWÂN	340	13	15	02	0	0	–	8.7	26	30	7	0
FAIYÛM	360	2	35	02	0	0		8.7	23	38	8	0
MINYA	30	8	10	00	0	0	–	7.9	23	32	5	0
ASYÛT MANQABÂD												
NAG' HAMMÂDI	00	0	7	00	0	0	–	5.4	27	27	6	0
QENA	270	5	7	00	0	0	–	5.5	28	22	4	0
LUXOR	320	7	12	00	0	0	–	5.0	31	15	1	0
ASWÂN	00	0	50	00	0	0	–	4.4	35	12	2	0
SÎWA	00	0	7	00	0	0	–	11.0	30	62	22	0
BAHARÎYA	360	3	15	02	0	0	–	9.1	28	16	0	0
FARAFRA												
DAKHLA	320	3	35	00	0	0	–	6.8	33	8	-5	0
KHARGA	00	0	15	00	0	0	–	6.7	30	25	8	0
SUEZ	360	5	7	02	0	0	–	9.4	25	47	13	0
TÛR												
HURGHÂDA	00	0		00	0	0	–	7.9	23	47	11	0
QUSEIR	140	9	15	02	0	0	–	7.5	24	61	16	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on WEDNESDAY 4th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	140	2	7	02	0	0	–	9.8		20	27		13		73	15	0		
SÎDI BARÂNI	90	6	50	00	0	0	–	10.2		19	24		12		88	17	0	276	
MATRÛH	90	2	18	00	0	0	–	10.4		20	27		10		73	15	0		
EL DABA	40	10		01	1	0	–						15			16	0		
ALEXANDRIA	40	5	50	00	0	0	–	9.6	-4.5	21	23	-2	17	0	74	16	0	267	184
FOUAD (Airport)	350	4	12	00	0	0		9.5		22	25		15		61	14	0	265	138
DAMIETTA	220	2		03	2	6	Fc, Fs	9.6	-4.2	21	27		14		74	16	0	318	104
PORT SA'ÎD	260	5	18	01	1	3	Sc	9.6		20	28		18		78	16	0	70	
EL 'ARISH	240	2	35	00	0	2	Cu	9.4	-4.3	22	28	+2	14	0	65	15	0		92
DAMANHÛR	90	9	7	02	0	0	–	10.2	-3.7	23	28	-1	14	0	65	16	0	102	99
MANSÛRA	320	2	35	02	0	3	Cu	9.9	-4.0	20	32	+2	15	+1	83	17	0	49	53
TANTA	00	0	35	02	0	0		9.5	-4.6	20	31	0	12	-2	73	15	0	34	44
ZAGAZIG	320	2	7	01	2	5	As	9.9	-4.3	18	32	+1	14	0	83	15	0	21	26
ISMA'ILIA	290	2	3	02	1	5	As	9.6		19	32		16		64	12	0	14	
FAROUK (Airport)											31								
ALMÂZA	00	0	12	01	2	1	Sc	9.6	-4.0	18	31		16		83	15	0		
EZBEKÎYA	320	4	15	00	0	0	–	9.8	-3.8	20	31	0	16	0	64	13	0	8	25
GÎZA	320	4	15	00	0	0	–	10.4	-3.3	20	32	+1	15	+2	69	14	0	16	25
HELWÂN	00	0	3	06	0	0	–	9.4	-4.0	19	31	0	15	-1	64	12	0	16	28
FAIYÛM	20	5	35	02	0	0	–	9.4	-3.8	19	32	-1	15	0	73	14	0	6	8
MINYA	30	6	10	00	0	0	–	8.6		21	34		15		53	11	0	5	
ASYÛT MANQABÂD	270	2	30	00	0	0	–	7.9		23	37		18		41	9	0	0	
NAG' HAMMÂDI	320	1	7	00	0	0	–	7.0	-4.8	25	38		15		34	8	0	0	
QENA	240	5	15	00	0	0	–	7.2	-4.0	25	40	+3	19	0	28	5	0	dv	
LUXOR	90	3	30	00	0	0	–	6.7		28	39		22		16	0	0	dv	
ASWÂN	320	5	50	00	0	0	–	6.7	-4.5	27	40	+2	24	+2	22	3	0	dv	
SÎWA	40	5	35	00	0	0	–	9.3	-5.4	23	37	+5	18	+3	74	18	0	dv	8
BAHARÎYA	360	2	35	02	0	0	–	9.6	-4.2	22	36	+3	16	+1	36	6	0	dv	7
FARAFRA	130	2	35	02	1	2	Ac	9.0		23			15		32	5		dv	
DAKHLA	70	6	35	00	0	0	–	7.1	-5.6	27	39	+3	20	+2	15	-2	0	dv	
KHARGA	00	0	35	00	0	0	–	7.1	-4.8	24	38	+2	20	+1	38	9	0	0	
SUEZ	360	11	35	00	0	0	–	10.2	-3.0	19	32	+1	16	-1	83	16	0	12	16
TÛR																		dv	13
HURGHADA	320	10		00	0	0	–	7.5		23	26		16		57	14	0	7	
QUSEIR	360	5	15	02	0	0	–	7.4	-3.7	26	28	-2	19	-3	37	10	0	0	4
PORT SÛDÂN																	0	34	96
WÂDI HALFA																	0	tr	
ABU HAMAD																	0		
KAREIMA																	0	3	1
'ATBARA																	0	7	4
KHARTÛM																	0	10	5
KASSALA	300	12	50	00	0	0	–	4.7		30	42		20		33	12	0	16	12
WÂD MEDANI	50	5	50	00	0	0	–	4.0		31	42		21		16	2	0	11	15
RENK	230	9		00	0	0	–			32	41		22		22	8	0	0	58
ROSEIRES																	0	3	59
EL OBEID	00	0	30	00	0	0	–	4.3		34	41		22		16	5	0	11	20
EL FÂSHER	330	3	30	00	0	0	–			25	41		18		14	-5	0	1	7
GENEINA	70	1	30	00	0	0	–			25	41		19		36	9	0	dv	9
MALAKÂL																	0	127	130
WÂU																	0	295	249
JUBA	80	5	50	03	1	2	Ac, Cu	7.5		28	37		23		58	19	0	216	325

HUMIDITY % Mean of day

Station	on 3rd	Diff. from normal
Alexandria	80	+11
Ezbeklya	43	-8
Gîza	40	-13
Helwân	35	-4

GÎZA GRASS MINIMUM TEMP. ON 4th 10.5 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

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

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

UPPER WIND OBSERVATIONS on 3rd

Height m.	Port Said Dir.	Port Said Vel.	Matruh Dir.	Matruh Vel.	Minya Dir.	Minya Vel.	Fouad A.P Dir.	Fouad A.P Vel.
Station	Port Said		Matruh		Minya		Fouad A.P	
Time	14		14		15		15	
300	340	12	10	11	340	31	320	16
600	330	23	330	8	340	33	320	13
1000	310	13	350	11	340	16	320	21
1500	320	17	360	20	340	23	340	19
2000			320	22	340	17	340	28
3000					350	28	330	28
4000								
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 4th

Station	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Dir.	Vel.
Time	5		4	15	4		4				6	45	3				5		5					
300	80	19	70	10	50	16	260	9			320	8	20	25			350	2	10	10				
600	90	18	60	14	50	16	200	5			10	10	20	38			330	4	360	16				
1000	90	14	90	13	30	17					30	10	30	29			350	8	360	16				
1500	90	10	100	16	360	17					10	16	340	21			360	10	350	13				
2000			20	12	340	11					10	17	330	30			310	17	350	10				
3000			320	26							10	8												
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time	5		5		5		4	30					4	30	4		4		3	15	4	45	3	30
300	90	15	60	12	80	8	30	11																
600	90	29	50	17	70	10	30	20					70	11	80	10	50	3					190	21
1000	90	23	30	18	70	15	20	22					80	4	60	12	50	13	270	1	10	5	180	24
1500	20	7	30	20	60	21							220	2	50	7	20	13	80	8	100	11	180	21
2000	350	16	20	18									270	3	30	7							200	10
3000	330	23													10	9	10	10	60	15	90	16	70	17
4000	320	23																						
5000	300	30																						
6000	330	38																						
7000																								
8000																								

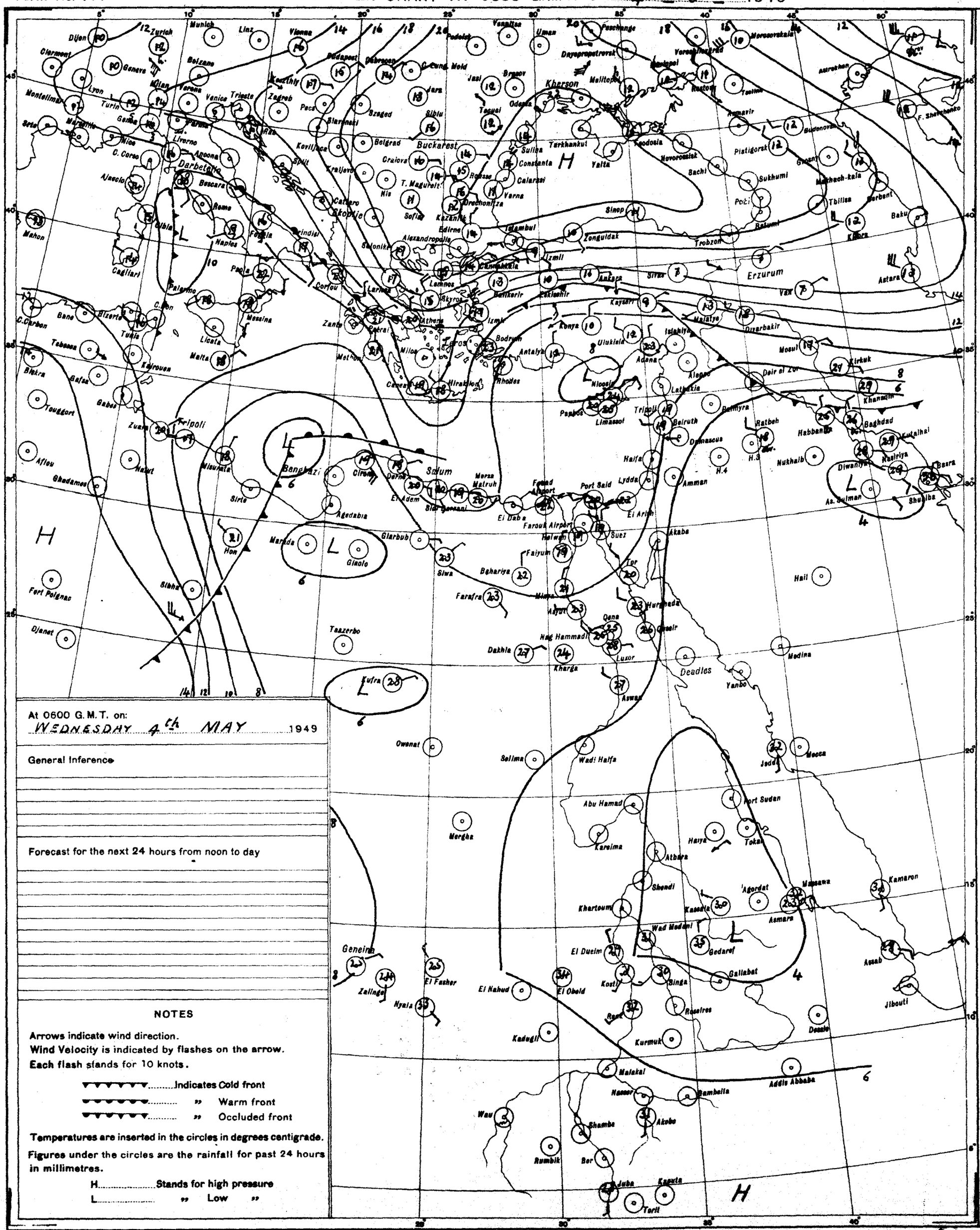
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 4 — 5 — 1949


Dijon
Zurich
Munich
Linz
Vienna
Budapest
Debrecen
Clermont
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Milan
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Venice
Trieste
Zagreb
Pecs
Szeged
Belgrade
Buckarest
Kherson
Odessa
Sulina
Constanta
Yalta
Sevastopol
Novorossisk
Sochi
Sukhumi
Tbilisi
Baku
Erzurum
Van
Astara
Trabzon
Zonguldak
Sinop
Istambul
Ankara
Sivas
Kayseri
Malatya
Diyarbakir
Mosul
Kirkuk
Aleppo
Latakia
Beirut
Damascus
Haifa
Amman
Baghdad
Basra
Nasiriya
Kut-al-Hai
Shuaiba
Bahrein
Hail
Medina
Mecca
Jedda
Port Sudan
Tokar
Massawa
Asmara
Kamaron
Assab
Jibouti
Addis Abbaba
Dessie
Gondar
Gallabat
Gedaref
Khartoum
Kosti
Singa
Roseires
Kurmuk
Kadugli
El Fasher
Zalinge
Nyala
Geneina
El Obeid
El Dueim
Wad Medani
Kassala
Shendi
Atbara
Kareima
Abu Hamad
Wadi Halfa
Selima
Owenat
Merghe
Aswan
Luxor
Qena
Hurghada
Qoseir
Kharga
Nag Hammadi
Dakhla
Farafra
Baharia
Faiyum
Siwa
Port Said
Ismailia
Suez
Tor
Akaba
Ed Dabaa
Ed Arish
Lydda
Rafah
Ratbah
Nukhaib
Diwaniya
Nasiriya
Basra
Shuaiba
Ras Sulman
Tripoli
Benghazi
Sollum
Tobruk
Derna
Cirene
Marsa Matruh
Alexandria
Rhodes
Crete
Malta
Palermo
Messina
Naples
Rome
Bari
Brindisi
Corfu
Athens
Salonika
Sofia
Belgrade
Budapest
Vienna
Munich
Zurich
Dijon
Clermont
Lyon
Marseille
Nice
Ajaccio
Cagliari
Mahon
Algiers
Bone
Bizerte
Tunis
Tebessa
Biskra
Gafsa
Touggourt
Kairouan
Sfax
Gabes
Zuara
Nalut
Misurata
Sirte
Agedabia
Marada
Ghadames
Ghat
Fort Polignac
Djanet
Taazerbo
Kufra
Sebha
Hon
Ghat
Tripoli
Malta
Cagliari

CAIRO

Time of Sunrise 03 09 G. M. T.

" " Sunset 16 35 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date : THURSDAY 5th MAY , 1949

At 1200 on Wedn 4th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALÛM	40	10	35	03	1	6	Cu	9.8	23	50	12
	62303	SÎDI BARÂNI	40	8	50	03	2	6	As,Cu	10.2	21	83	18
	62306	MATRÛH	90	6	18	02	0	2	Cu	9.0	25		
	62309	EL DABA	40	20		01	1	0	—		22	74	17
		ALEXANDRIA	360	6	50	00	0	0	—	9.3	22	65	15
	62318	FOUAD (Airport)	350	14	18	00	0	0	—	9.0	25	47	13
	62330	DAMIETTA	20	2	15	00	0	0	—	9.5	25	70	19
	62333	PORT SA'ÎD	50	6	18	02	0	0	—	9.2	22	78	18
	62336	EL 'ARISH	320	5	35	01	0	0	—	9.9	21	74	16
Lower Egypt	62339	DAMANHUR	90	13	15	02	0	0	—	9.1	30	31	11
	62342	MANSURA	40	5	35	01	1	2	Cu	8.2	32	24	9
	62348	TANTA	360	13	35	02	0	0	—	9.0	32	20	6
	62354	ZAGAZIG	320	2	15	00	1	0	—	7.8	31	31	12
	62441	ISMA'ÎLIA	20	2	15	01	0	0	—	8.2	31	28	10
Cairo Area	62366	FAROUK (Airport)	20	14	15	00	0	0	—	7.3	30	35	13
	62372	ALMÂZA	40	10	18	00	0	0	—	8.4	30	35	13
		EZBEKÎYA	360	2	35	00	0	0	—	7.4	30	25	8
		GÎZA	360	2	35	00	0	0	—	8.2	31	26	9
	62378	HELWÂN	290	13	15	02	0	0	—	6.8	31	12	1
Upper Egypt	62381	FAIYÛM	20	2	35	02	0	0	—	7.1	31	17	3
	62387	MINYA	30	11	14	00	0	0	—	6.5	32	20	6
	62393	ASYÛT MANGABÂD	00	0	30	00	0	0	—	5.1	34		
	62399	NAG' HAMMÂDI	320	3	15	00	0	0	—	4.4	35	23	11
	62402	QENA	270	5	50	00	0	0	—	4.3	37	11	2
	62405	LUXOR	290	12	30	01	0	1	Cu	3.4	38	12	4
	62414	ASWÂN	270	2	50	01	1	1	Cu	3.4	37	11	2
Oases	62417	SÎWA	40	6	35	00	0	0	—	9.5	34	56	24
	62420	BAHARÎYA	360	3	35	02	1	3	Ac	8.0	33	12	0
	62423	FARAFRA	40	3	50	00	0	0	—	4.3	36	10	-1
	62432	DAKHLA	40	3	50	00	0	0	—	4.3	36	10	-1
	62435	KHARGA	00	0	35	00	0	0	—		35	23	11
Red Sea	62450	SUEZ	360	5	35	02	0	0	—	7.4	29	46	16
	62459	TÛR	310	5	35	00	0	0	—	6.8	26	55	16
	62462	HURGHÂDA	10	9		00	0	0	—	6.1	25	70	17
	62465	QUSEIR	40	9	15	00	0	0	—	6.6	26	62	18
	62641	PORT SÛDÂN	110	12	30	00	0	0	—	4.3	29	79	25
North Sûdân	62600	WÂDI HALFA	340	7	10	00	0	0	—	2.5	39	10	2
	62640	ABU HAMAD	250	1	30	00	0	0	—	0.3	41	8	1
	62660	KAREIMA	340	4	10	00	0	0	—	999.7	41	8	1
	62680	'ATBARA	70	2	30	00	0	0	—	999.5	43	8	1
	62721	KHARTÛM	20	3	30	02	0	0	—				
	62730	KASSALA											
Central Sûdân	62751	WÂD MEDANI	270	5	35	00	0	0	—	999.1	43	7	0
	62801	RENK	230	5	50	01	1	6	Cu	1.1	43	15	11
	62802	ROSEIRES											
	62771	EL OBEID	70	12	30	08	8	0	—				0
	62760	EL FÂSHER	70	12	30	00	0	0	—		41	7	-2
	62770	GENEINA	160	3	30	00	0	0	—		40	29	18
S. Sûdân	62840	MALAKÂL	140	2	50	01	2	4	Cu	0.8	38	31	18
	62880	WÂU											
	62941	JUBA	80	9	50	03	1	3	Cu,Ac	2.2	38	25	15

At 1800 on 4th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALÛM	20	6	7	01	2	3	Ac	8.8	19	88	17	0
SÎDI BARÂNI	60	10	35	02	2	8	Ac,Cs	8.8	18	95	18	0
MATRÛH	00	0	13	02	0	2	As	9.1	18	88	16	0
EL DABA	40	10		00	0	0	—		21	74	16	0
ALEXANDRIA	40	9	7	00	0	0	—	9.5	20	83	17	0
FOUAD (Airport)	360	4	15	00	0	0	—	9.0	19	83	16	0
DAMIETTA	360	2		00	0	0	—	8.6	21	83	18	0
PORT SA'ÎD	40	5	15	02	0	0	—	8.5	21	83	18	0
EL 'ARISH	00	0	15	02	0	0	—	9.4	19	88	17	0
DAMANHUR	90	9	7	02	0	0	—	9.6	20	73	15	0
MANSURA	350	5	3	00	0	0	—	9.0	22	78	18	0
TANTA	90	2	35	02	0	0	—	10.0	25	47	13	0
ZAGAZIG	40	2	3	00	0	0	—	8.3	23	50	12	0
ISMA'ÎLIA	40	2	7	01	0	0	—	9.9	24	38	9	0
FAROUK (Airport)	60	16	12	00	0	0	—	7.3	27	27	6	0
ALMÂZA	40	15	12	00	0	0	—	7.2	28	40	13	0
EZBEKÎYA	40	2	15	00	0	0	—	7.6	25	47	13	0
GÎZA	40	2	15	00	0	0	—	8.7	26	35	9	0
HELWÂN	20	15	15	02	0	0	—	6.8	27	27	6	0
FAIYÛM	20	2	35	02	0	0	—	5.9	25	34	8	0
MINYA	20	6	8	02	0	1	Cu	6.0	23	38	8	0
ASYÛT MANGABÂD												
NAG' HAMMÂDI	00	0	7	00	0	0	—	5.0	26	42	12	0
QENA	270	5	7	00	0	0	—	5.4	27	25	5	0
LUXOR												
ASWÂN												
SÎWA	00	0	35	00	0	0	—	6.8	27	52	16	0
BAHARÎYA	360	3	15	02	1	3	Ac	7.0	29	14	-1	0
FARAFRA												
DAKHLA	40	3	35	00	0	0	—	6.7	32	15	2	0
KHARGA	360	1	15	00	0	0	—		28	27	7	0
SUEZ	360	6	7	02	0	0	—	7.6	25	54	15	0
TÛR	310	4	15	00	0	0	—	5.6	26	37	10	0
HURGHÂDA	310	2	50	00	0	0	—	5.3	23	65	16	0
QUSEIR	140	5	15	02	0	0	—	6.0	20			0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on THURSDAY 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	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
SALÛM	20	5	7	11	1	6	Ac,Cu	8.7		20	23		15		73	15	0		
SÎDI BARÂNI	80	11	15	10	4	8	Sc,Cu	9.3		18	21		15		95	18	0	276	
MATRÛH	130	1	10	05	2	7	Sc	10.0		16	26		15		95	16	0		
EL DABA	90	10		01	1	0	—									12	0		
ALEXANDRIA	00	0	60	00	0	0	—	10.2	-3.9	21	24	-1	18	+1	74	16	0	267	124
FOUAD (Airport)	80	4	14	00	0	0	—	9.7		21	26		14		83	18	0	265	138
DAMIETTA	140	2		12	0	0	—	9.9	-3.8	24	27		16		74	19	0	318	104
PORT SA'ÎD	90	6	15	03	0	1	Sc	9.8		23	23		19		74	18	0	70	
EL 'ARISH			35	02	0	0	—			21	23	-3	13	-1	65	14	0		92
DAMANHUR	130	9	7	02	0	0	—	10.4	-3.5	23	31	+2	15	+1	61	15	0	102	99
MANSURA	40	2	35	00	0	0	—	9.9	-4.0	24	33	+3	17	+2	69	18	0	49	53
TANTA	130	2	35	02	0	0	—	10.2	-3.9	22	32	+1	13	-1	74	17	0	34	41
ZAGAZIG	40	5	7	00	0	0	—	9.3	-5.1	23	32	+1	14	0	50	12	0	21	26
ISMA'ÎLIA	140	2	7	02	0	0	—	9.4		25	31		17		42	11	0	14	
FAROUK (Airport)	70	10	12	00	0	0	—	9.0		24	32		17		28	4	0		
ALMÂZA	30	4	11	05	0	0	—	8.7	-4.9	24	32		16		44	11	0		
EZBEKÎYA	360	4	15	00	0	0	—	9.2	-4.4	22	32	+1	16	0	50	11	0	8	25
GÎZA	360	4	15	00	0	0	—	9.5	-4.1	23	32	+1	13	0	49	12	0	16	25
HELWÂN	20	3	7	00	0	0	—	8.8	-4.5	22	31	0	16	0	50	11	0	16	28
FAIYÛM	20	4	35	02	0	0	—	9.0	-4.2	24	33	0	15	-1	38	9	0	6	8
MINYA	00	0	12	00	0	0	—	8.4		23	34		13		38	8	0	5	
ASYÛT MANGABÂD	00	0	30	00	0	0	—	7.4		26	35		19		28	6	0	0	
NAG' HAMMÂDI	00	0	3	00	0	0	—	7.2	-5.5	25	36		16		42	11	0	0	
QENA	200	5	15	00	0	0	—	7.8	-3.3	26	39	+2	18	-1	25	4	0	dv	
LUXOR	00	0	30	01	0	1	Cu	7.1		28			16		22	4	0	dv	
ASWÂN	00	0	50	00	0	0	—	6.7	-4.4	27	39	+1	21	-1	30	8	0	dv	
SÎWA	40	4	35	00	0	0	—	7.5	-7.2	23	35	+2	20	+5	61	15	0	dv	8
BAHARÎYA	90	6	35	02	1	3	Ac	7.5	-6.2	27	34	+1	19	+4	27	6	0	dv	7
FARAFRA																		dv	
DAKHLA	160	8	35	00	0	0	—	5.0	-7.7	27	38	+2	19	+1	15	-2	0	dv	
KHARGA	360	2	35	00	0	0	—	5.8	-6.0	27	36	-1	21	+2	30	8	0	0	
SUEZ	00	0	35	00	0	0	—	9.3	-3.8	23	31	0	17	0	88	21	0	12	16
TÛR	00	0	35	00	0	0	—	7.6	-3.6	23	30	0	16	-3	65	16	0	dv	13
HURGHÂDA	310	2		00	0	0	—	8.2		24	26		16		50	13	0	7	
QUSEIR	360	9	15	02	0	0	—	7.6	-3.5	26	28	-2	19	-3	48	14	0	0	4
PORT SÛDÂN	90	1	30	03	1	6	Cu	5.7		29	30		23		79	25	0	34	96
WÂDI HALFA	20	1	10	00	0	0	—	5.1		28	41		21		12	-4	0	tr	
ABU HAMAD	50	2	30	00	0	0	—	4.4		32	43		23		9	-5	0		
KAREIMA	70	5	10	00	0	0	—	4.4		31					18	4	0	3	1
'ATBARA	50	5	30	00	0	0	—	4.6		31	43		24		11	-3	0	7	4
KHARTÛM	20	6		05	0	0	—	4.3		36	44		26		20	10	0	10	5
KASSALA																	0	16	13
WÂD MEDANI																	0	11	16
RENK	230	9	50	00	0	0	—			33	44		24		41	18	0	0	59
ROSEIRES	230	5	35	00	0	0	—			30	43		23		35	13	0	3	60
EL OBEID	00	0	30	00	0	0	—	4.7		32	42		25		21	7	0	11	20
EL FÂSHER																	0	1	8
GENEINA																	0	4	9
MALAKÂL	180	13	30	00	0	0	—	5.4		30	41		26		40	15	0	127	132
WÂU	00	0	30	02	1	5		4.8		29					55	19	0	295	253
JUBA	180	9	30	00	1	0	—	6.7		29	39		24		31	10	1	217	330

HUMIDITY

Mean of day %

Station	on 4th	Diff. from normal
Alexandria	77	+7
Ezbekiya	54	+4
Giza	49	-3
Helwân	45	+7

GÎZA GRASS MINIMUM TEMP. ON 5th 10.5 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

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

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

UPPER WIND OBSERVATIONS on 4th

Station	Pouad. A.P.		Matruh		Port. Said				Minya															
Time	15		14 30		14				15															
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	30	10	90	15	60	9			360	14														
600	30	14	110	12	70	8			360	13														
1000	30	13	100	8	80	5			10	14														
1500	30	14	90	1	120	3			10	18														
2000	30	10	00	0	160	3																		
3000	340	16	350	25																				
4000	350	20																						
5000	310	28																						
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 5th

Station	Sîdi Barâni		Matrûh		Pouad Airport		Port Sa'îd		El 'Arîsh		Helwân		Minya		Asyût Mangabad		Luxor		Aswân		Hurghada		Farouk A.P.	
Time	5		6 15		4		3				6 30				9		6 30		5				3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	110	25	100	15	60	15	360	6			70	15			80	7	50	8					60	11
600	110	25	90	17	40	12	20	5			50	12			90	9	90	13	40	6			60	16
1000	120	23	90	16	40	11	20	9			70	16			100	8	100	6	50	14			60	16
1500	100	9	100	18	40	5	10	10			60	16					350	10	320	12			60	15
2000					360	7	350	10			50	14							340	31?			350	11
3000					320	28	360	8															330	31?
4000							300	17																
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	5		5		5		4														4 30		3 30	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	90	53	90	20	80	13	30	15															180	18
600	100	44	90	29	100	17	40	16															170	23
1000	110	29	80	22	80	17	20	19													10	5		
1500	130	31	20	11	80	35															90	6		
2000	110	16	10	14																				
3000																							300	14
4000																								
5000																								
6000																								
7000																								
8000																								

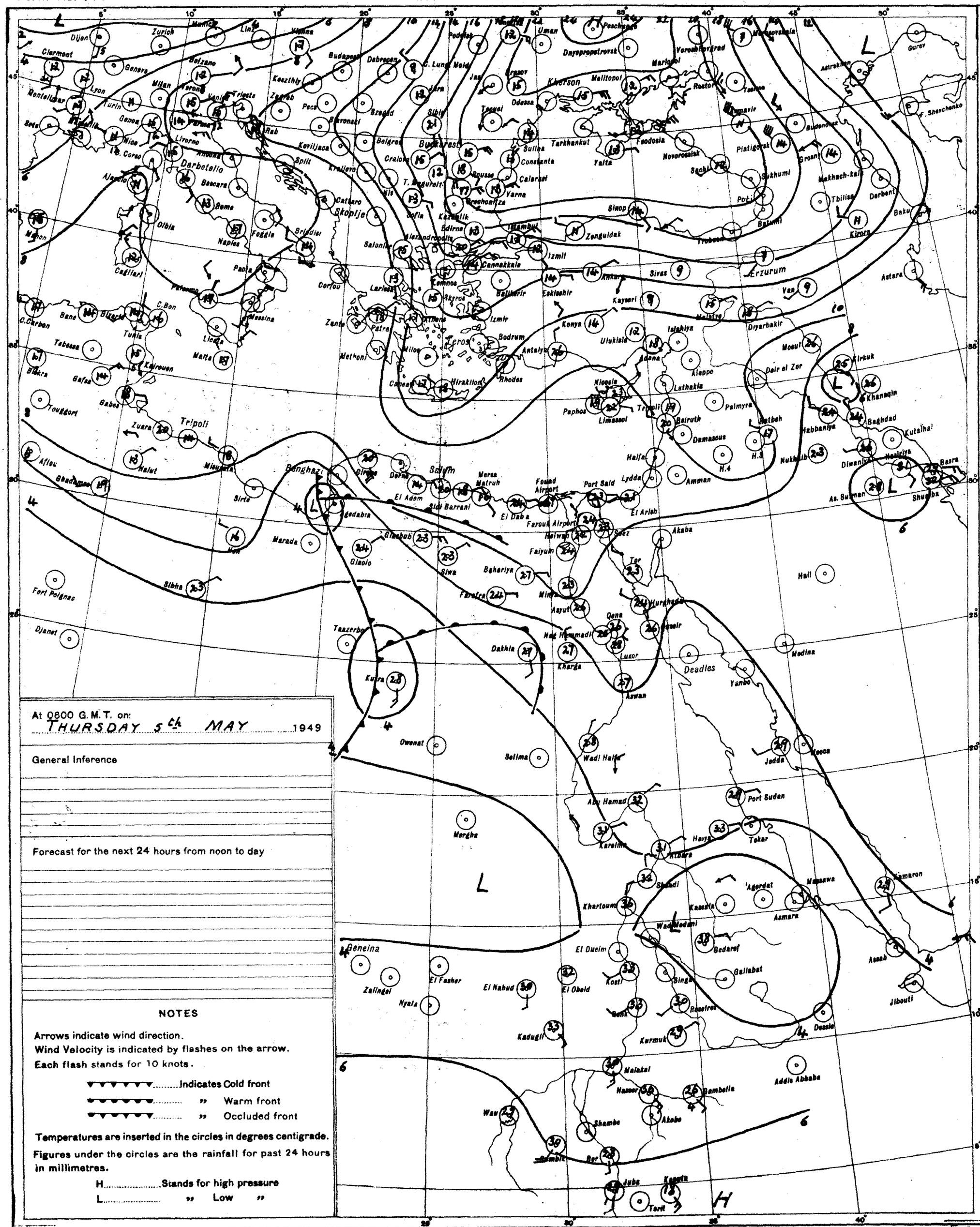
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 5 - 5 - 1949


Dijon
Zurich
Clermont
Geneva
Lyon
Milan
Turin
Genoa
Nice
Livorno
Ancona
Rome
Naples
Foggia
Bari
Brindisi
Palermo
Messina
Cagliari
Tunis
Bizerta
Tripoli
Benghazi
Tobruk
Alexandria
Cairo
Port Said
Suez
Khartoum
Asmara
Massawa
Addis Ababa
Aden
Jeddah
Port Sudan
Wadi Halfa
Aswan
Luxor
Kharga
Dakhla
Siwa
Sidi Barrani
Mersa Matruh
Fouad Airport
Farouk Airport
Lydda
Haifa
Beirut
Damascus
Amman
Baghdad
Basra
Kirkuk
Mosul
Aleppo
Latakia
Nicosia
Limassol
Rhodes
Antalya
Izmir
Istanbul
Ankara
Sivas
Erzurum
Van
Trabzon
Sinop
Zonguldak
Kayseri
Konya
Adana
Diyarbakir
Tbilisi
Baku
Derbent
Astara
Kirovo
Batumi
Sukhumi
Novorossiysk
Sochi
Yalta
Feodosia
Sevastopol
Odessa
Kherson
Mariupol
Rostov
Astrakhan
Gurev
Kharkov
Kiev
Budapest
Vienna
Prague
Warsaw
Bucharest
Sofia
Salonika
Athens
Crete
Malta
Pantelleria
Tripoli
Benghazi
Sirte
Marada
Kufra
Tazerbo
Geneina
Khartoum
Kassala
Asmara
Massawa
Gedaref
El Obeid
Kosti
Singa
Gallabat
Addis Ababa
Jibouti
Dessie
Nairobi
Kampala
Juba
Wau
Malakal
Nasser
Gambella
Akobo
Shambe
Bor
Kurmuk
Kadugli
El Nahud
El Fasher
Zalingei
Nyala
Geneina
Merga
Kufra
Owenat
Selima
Wadi Halfa
Abu Hamad
Kareima
Atbara
Shendi
Khartoum
Wad Medani
El Dueim
Gedaref
Asmara
Massawa
Tokar
Port Sudan
Jeddah
Mecca
Medina
Yambo
Deadles
Hurghada
Qena
Nag Hammadi
Faiyum
Bahariya
Farafra
Minya
Asyut
Akaba
Ter
Hail
Khamaron
Assab
Tarit
Juba
Kampala
Nairobi
Addis Ababa
Dessie
Jibouti
Gambella
Malakal
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Kufra
Tazerbo
Marada
Sirte
Benghazi
Tripoli
Nalut
Mizurata
Ghadames
Aflou
Bou Saada
Biskra
Gafsa
Tebessa
Kairouan
Tunis
Bizerta
Bône
C. Carbon
C. Bon
Palermo
Messina
Cagliari
Oristano
Sassari
Ajaccio
Bastia
Nice
Marseille
Perpignan
Toulouse
Bordeaux
Brest
Cherbourg
Le Havre
Paris
Lille
Strasbourg
Munich
Innsbruck
Bolzano
Trieste
Zagreb
Rab
Split
Dubrovnik
Cattaro
Skoplje
Salonika
Larissa
Corfou
Zante
Patras
Athens
Crete
Malta
Pantelleria
Tripoli
Benghazi
Sirte
Marada
Kufra
Tazerbo
Geneina
Khartoum
Kassala
Asmara
Massawa
Gedaref
El Obeid
Kosti
Singa
Gallabat
Addis Ababa
Jibouti
Dessie
Nairobi
Kampala
Juba
Wau
Malakal
Nasser
Gambella
Akobo
Shambe
Bor
Kurmuk
Kadugli
El Nahud
El Fasher
Zalingei
Nyala
Geneina

CAIRO
Time of Sunrise 03 02 G. M. T.
" " Sunset 16 35 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: FRIDAY 6TH MAY, 1949

At 1200 on 5th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	40	4	7	03	2	7	Ac	9.9	23	50	12
	62303	SÎDI BARÂNI	70	18	50	03	2	8	Ac	9.3	22	44	9
	62306	MATRÛH	100	11	18	03	1	5	Ac	9.9	27	33	9
	62309	EL DABA	140	15		00	0	0	-		25	47	13
		ALEXANDRIA	40	13	50	00	0	0	-	9.5	22	82	19
	62318	FOUAD (Airport)	20	10	14	02	0	0	-	9.2	25	61	17
	62330	DAMIETTA	20	2	15	00	0	0	-	10.0	26	55	16
	62333	PORT SA'ID	40	9	30	03	0	0	-	10.1	24	74	19
	62336	EL 'ARISH	320	2	35	02	0	0	-		24	47	12
Lower Egypt	62339	DAMANHUR	40	9	15	02	0	0	-	9.4	32	28	11
	62342	MANSURA	40	2	35	00	0	0	-	8.7	33	24	10
	62348	TANTA	360	8	35	02	0	0	-	9.5	32	20	6
	62354	ZAGAZIG	320	5	15	00	0	0	-	9.1	32	20	6
	62441	ISMA'ILIA	20	2	15	02	0	0	-	8.3	30	13	-1
Cairo Area	62366	FAROUK (Airport)											
	62372	ALMAZA											
		EZBEKIYA	30	6	35	00	0	0	-	7.9	32	18	5
		GIZA	30	6	35	00	0	0	-	8.6	32	13	0
	62378	HELWÂN	340	12	50	01	0	0	-	7.0	33	8	-5
Upper Egypt	62381	FAIYÛM	20	2	35	03	1	3	Ci	7.6	33	16	4
	62387	MINYA	350	5	18	02	0	3	Ci	6.8	35	13	3
	62393	ASYUT MANQABAD	00	0	30	00	0	1	Ci	5.8	36	10	0
	62399	NAG' HAMMADI		7	01	1	6	Ci		5.3	36	13	3
	62402	QENA	290	5	35	03	1	5	Ci	5.3	37	14	6
	62405	LUXOR											
	62414	ASWÂN	340	3	50	00	0	0	-	3.9	38	13	5
Oases	62417	SÎWA	110	19	35	00	0	0	-	6.6	34		
	62420	BAHARÎYA											
	62423	FARAFRA											
	62432	DAKHLA	40	6	35	00	0	6	Fc, Ac	3.6	40	6	-4
	62435	KHARGA	90	1	15	03	1	8	Ci	5.0	37	22	12
Red Sea	62450	SUEZ	360	6	35	02	0	0	-	7.1	31	31	12
	62459	TÔR	340	17	35	00	0	0	-	6.8	29	40	14
	62462	HURGHÂDA	60	5		00	0	0	-	7.4	27	58	18
	62465	QUSEIR	40	5	15	02	0	0	-	7.6	27	62	19
	62641	PORT SUDÂN	80	11	50	01	1	1	Ci	4.4	30	79	26
North Sudan	62600	WÂDI HALFA											
	62640	ABU HAMAD	50	3	30	00	0	0	-	0.8	43	9	4
	62660	KAREIMA											
	62680	'ATBARA	70	5	30	00	0	0	-	0.3	43	6	-2
	62721	KHARTUM	20	8	10	02	0	1	Ac	999.9	43	15	11
	62780	KASSALA	20	2	30	00	0	0	-	999.7	43	16	12
Central Sudan	62751	WÂD MEDANI	360	13	35	01	0	4	Ci	999.2	44	4	-2
	62801	RENK	230	5	50	01	1	0	-	1.3	40	20	13
	62802	ROSEIRES	200	5	35	00	0	0	-		42	14	9
	62771	EL OBEID	90	4	30	03	0	3	Ci	999.9	41	14	8
	62760	EL FÂSHER											
	62770	GENEINA											
S. Sudan	62840	MALAKÂL	130	6	30	03	1	4	Ci	1.2	40	20	13
	62880	WÂU											
	62941	JUBA	250	9	30	03	1	2	Ci-Ac	1.2	38	25	15

At 1800 on 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	40	4	7	01	2	0	-	8.2	21	65	14	0
SÎDI BARÂNI	70	8	35	01	2	5	Ac	9.7	18	95	18	0
MATRÛH	130	3	12	01	1	2	Ci	9.0	19	88	16	0
EL DABA	140	9		00	0	0	-	10.3	19	95	18	0
ALEXANDRIA	40	5	7	00	0	0	-	10.7	21	74	16	0
FOUAD (Airport)	40	8	11	02	0	0	-	9.0	20	73	15	0
DAMIETTA	250	5		02	0	0	-	10.6	22	65	15	0
PORT SA'ID	40	13	15	02	0	0	-	10.2	21	83	18	0
EL 'ARISH	40	2	15	02	0	0	-	10.6	20	83	17	0
DAMANHUR	360	7	7	02	0	0	-	9.6	23	65	16	0
MANSURA	40	5	3	00	0	0	-	9.9	22	57	13	0
TANTA	00	0		02	0	0	-	9.4	24	38	9	0
ZAGAZIG	40	9	3	00	0	0	-	9.3	23	50	12	0
ISMA'ILIA	40	2	7	01	0	0	-	9.5	23	44	10	0
FAROUK (Airport)												
ALMAZA												
EZBEKIYA	30	5	15	00	0	0	-	8.0	26	29	6	0
GIZA	30	5	15	00	0	0	-	8.8	27	27	6	0
HELWÂN	40	12	35	01	0	0	-	7.0	28	22	4	0
FAIYÛM	20	5	35	02	1	3	Ci	7.1	25	32	7	0
MINYA	00	0	12	03	1	2	Cs	7.0	25	34	8	0
ASYUT MANQABAD												
NAG' HAMMADI	00	0	3	01	1	0	-	5.8	27	33	9	0
QENA	270	5	7	02	1	5	Ci	6.2	28	40	12	0
LUXOR	00	0	12	03	1	4	Cs	5.9	26	35	9	0
ASWÂN												
SÎWA	00	0	7	00	0	0	-		30	61	23	0
BAHARÎYA	90	3	15	02	1	0	-	7.2	29	14	-1	0
FARAFRA												
DAKHLA	00	0	35	00	0	0	-	4.2	33	12	0	0
KHARGA	00	0	15	01	2	6	Ac	5.1	32	28	11	0
SUEZ	360	8	7	02	0	0	-	9.3	26	48	14	0
TÔR	340	10	15	00	0	0	-	9.3	26	58	17	0
HURGHÂDA	80	2		02	0	1	Ci	7.2	25	74	20	0
QUSEIR	20	5	15	00	0	3	-	7.5	24	79	18	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 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.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	90	5	7	03	2	8	Ac	9.8		20	24		17		73	15	0		
SÎDI BARÂNI	80	12	15	01	4	8	As	10.3		18	23		15		95	18	0	276	
MATRÛH	40	11	18	03	4	8	As	11.3		20	28		12		83	17	0		
EL DABA	90	9		00	0	0	-	10.3		20			15		83	17	0		
ALEXANDRIA	90	8	50	00	0	0	-	12.2	-1.9	24	25	0	18	+1	61	16	0	267	183
FOUAD (Airport)	110	10	18	03	0	7	Ci	11.6		22	28		15		65	15	0	265	138
DAMIETTA	70	5		03	1	5	Ac	12.3	-1.4	23	28		16		65	16	0	318	104
PORT SA'ID	80	13	15	03	0	1	Ci	12.4		21	25		20		83	18	0	70	
EL 'ARISH			35	02	0	0	-	12.7	-1.0	21	27	+1	14	0	74	16	0	102	92
DAMANHUR	130	13	7	03	1	3	Ci	11.0	-2.9	23	32	+3	14	0	61	15	0	102	99
MANSURA	70	5	35	01	0	2	Ac	12.3	-1.5	24	34	+4	15	0	47	12	0	49	53
TANTA	90	8	35	01	1	3	Ci	13.0	-1.1	23	33	+2	13	-1	44	10	0	34	41
ZAGAZIG	40	9	15	00	0	0	-	11.8	-2.3	23	32	+2	16	+2	44	10	0	21	26
ISMA'ILIA	40	2	7	03	1	4	As	11.8		24	32		15		32	6	0	14	
FAROUK (Airport)	70	10	18	00	0	1	Ci	9.3		26					30	7	0		
ALMAZA	70	23	16	03	1	1	Ci	10.5	-3.1	26			20		23	3	0		
EZBEKIYA	40	9	15	00	0	0	-	10.8	-2.8	26	33	+2	20	+4	21	2	0	8	20
GIZA	40	9	15	00	0	0	-	10.7	-2.9	27	33	+2			20	2	0	16	25
HELWÂN	70	13	15	00	0	0	-	9.9	-3.4	27	33	+2	21	+5	15	-2	0	16	28
FAIYÛM	20	2	35	01	0	1	Ci	9.0	-4.1	26	34	+1	+17	+1	30	7	0	6	8
MINYA	30	5	12	01	0	1	Ci	8.7		25	36		14		28	5	0	5	
ASYUT MANQABAD	00	0	30	00	0	1	Ci	8.3		27	38		20		27	6	0	0	
NAG' HAMMADI	00	0	3	01	1	7	Ci	8.0	-3.6	29	37		17		20	4	0	0	
QENA	270	5	15	01	1	3	Ci	8.2	-2.8	29	39	+2	19	0	19	3	0	dr	
LUXOR	00	0	30	01	0	3	Ci	8.0		28			20		27	7	0	dr	
ASWÂN	00	0	50	00	0	0	-	7.1	-4.0	29			25	+3	19	3	0	dr	
SÎWA	00	0	35	00	0	0	-	7.6	-7.0	20	35	+2	19	+3	58	16	0	dr	8
BAHARÎYA	90	6	35	02	1	4	Ac	8.3	-5.4	28	36	+3	20	+4	22	4	0	dr	7
FARAFRA																		dr	
DAKHLA	00	0	35	03	2	7	Fs, As	5.9	-6.7	28	41	+4	21	+3	16	0	0	dr	
KHARGA	00	0	35	02	2	8	Ac	7.0	-5.6	29	38	+1	21	+3	23	6	-	0	
SUEZ	220	2	35	03	0	0	-	11.6	-1.5	27	32	+1	17	0	37	11	0	12	16
TÔR	00	0	35	00	0	0	-	8.7	-2.4	22?	32	+2	17	-2	57	13	0	dr	13
HURGHÂDA	340	9		00	0	0		9.6		24	28		18		57	15	0	7	
QUSEIR	310	5	15	00	0	2	Ci	9.4	-1.7	28	28	-2	22	0	33	10	0	0	4
PORT SUDÂN	320	1	30	01	2	1	Ci	8.7		30	31		26		70	24	0	34	96
WÂDI HALFA	00	0	30	00	0	0	-	5.5		33	44		25		11	-1	0	6	
ABU HAMAD	230	3	30	00	0	0	-	5.9		33	43		24		15	3	0		
KAREIMA	50	3	10	00	0	0	-	5.7		31	45		25		19	5	0	3	1
'ATBARA																		7	4
KHARTUM	70	5	30	02	0	0	-	5.4		34	44		25		25	11	0	10	5
KASSALA	100	5	30	00	0	0	-	4.5		27	43		21		30	8	0	16	14
WÂD MEDANI	70	9	50	00	0	0	-	5.5		33	45		25		19	6	0	11	16
RENK																		0	60
ROSEIRES																		3	63
EL OBEID	200	3	30	02	0	6	Ci	4.9		33	42		24		23	9	0	11	21
EL FÂSHER																		1	8
GENEINA																		dr	10
MALAKÂL	170	6	30	01	2	8		6.7		29	42		24		49	17	1	128	134
WÂU	150	8	30	02	1			6.0		29	41		25		55	19	0	295	257
JUBA																		217	335

HUMIDITY % Mean of day

Station	on 5th	Diff. from normal
Alexandria	73	+3
Ezbekiya	38	-12
Giza	35	-17
Helwân	33	-5

GÎZA GRASS MINIMUM TEMP. ON 6th 8.9 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — AIRPORT

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

UPPER WIND OBSERVATIONS on 5th

Height m.	Matruh Dir.	Matruh Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	Port Said Dir.	Port Said Vel.	Minya Dir.	Minya Vel.
Time	14 30		15		12		15	
300			10	11	40	8	350	29
600			20	14	20	11	350	33
1000	100	21	30	15	40	9	350	28
1500	100	12	20	16	30	10	10	33
2000	50	11	50	20	360	12	20	27
3000					320	17	20	12
4000					320	23		
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 6th

Station	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Sa'id Dir.	Port Sa'id Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Farouk Dir.	Farouk Vel.
Time	5		4 45		4		4						3 30				5 30						3	
300	110	30	160	28	190	24	70	17					60	16			200	10					80	22
600	110	28	160	23	180	21	70	18					100	23			40	51?					60	22
1000	110	19	180	14	170	11	80	19					70	26			40	51?					30	13
1500	160	5	60	3	110	10	60	11					60	25									340	10
2000	240	4	80	7	70	10							40	11									320	21
3000	230	7	60	4	50	17																	320	27
4000																								
5000																							310	27
6000																							310	48
7000																								
8000																								

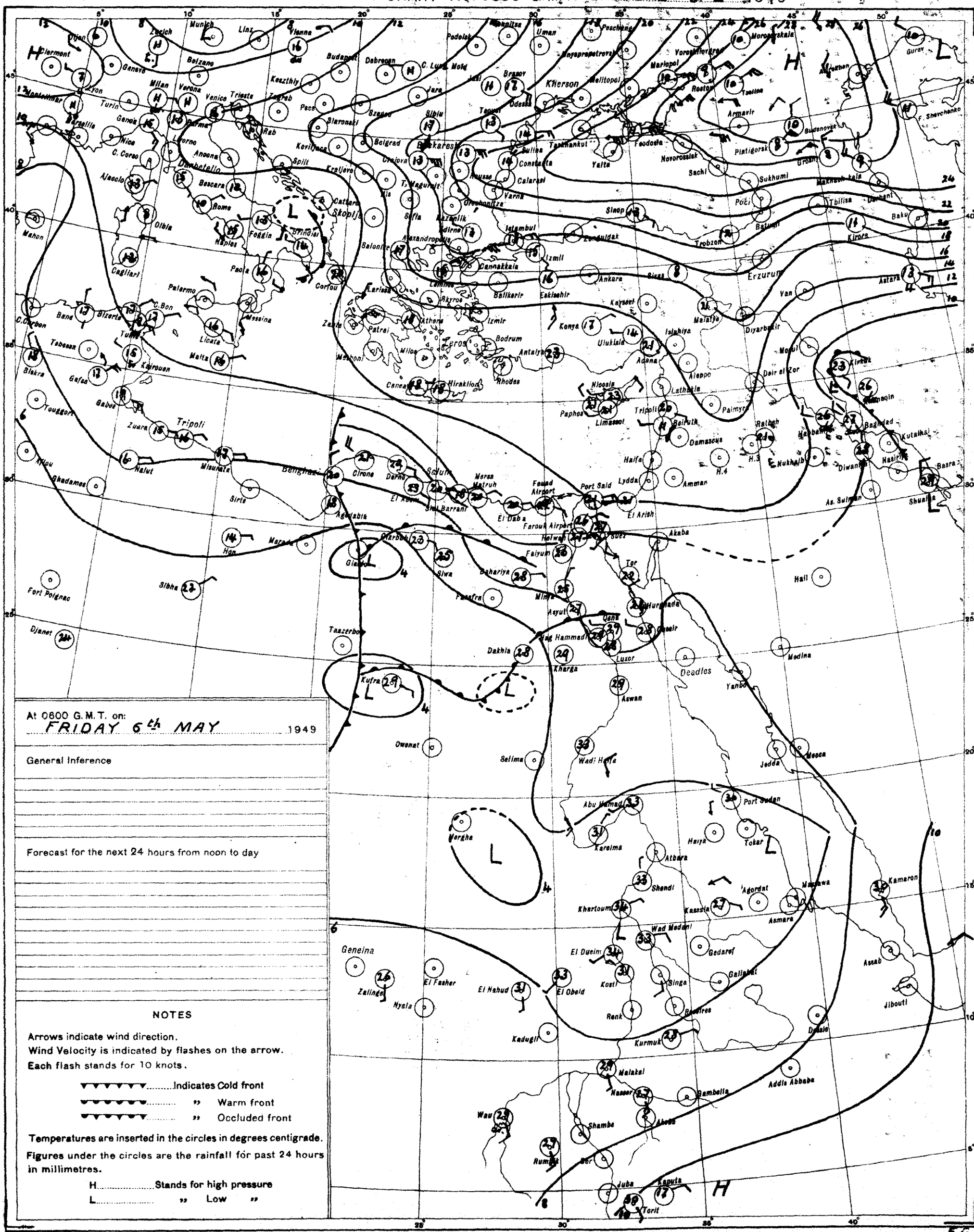
Station	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time	5		5		5		9	15	4				4	15					3	30			4	15
300	100	41	70	15	120	15	80	6	110	9														
600	110	43	70	27	120	22	110	13	100	18			90	26									170	13
1000	130	34	120	20	150	24	110	14	60	12			90	26					230	8			180	21
1500	160	23	150	13			230	9	100	5			90	12					70	11			300	1
2000	220	20	160	11					340	13			110	14					50	4			20	14
3000									310	13														
4000																								
5000																								
6000																								
7000																								
8000																								

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

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 6 – 5 – 1949


Clermont
Zurich
Munich
Linz
Vienna
Budapest
Debrecen
Kherson
Odessa
Bucharest
Belgrade
Sofia
Istanbul
Ankara
Erzurum
Tbilisi
Baku
Tehran
Tripoli
Cairo
Khartoum
Asmara
Addis Ababa
Aden
Port Said
Suez
Luxor
Aswan
Jerusalem
Beirut
Damascus
Baghdad
Basra
Jeddah
Mecca
Port Sudan
Kampala
Nairobi
Mogadishu
Djibouti
Geneina
Nyala
El Fasher
El Obeid
Kosti
Renk
Malakal
Juba
Torit
Wau
Kufra
Sebha
Fort Polignac
Djanet
Tamanrasset
Dakhla
Kharga
Asyut
Faiyum
Mersa Matruh
Tobruk
Benghazi
Sirte
Misurata
Tripoli
Malta
Palermo
Cagliari
Marseille
Lyon
Milan
Venice
Trieste
Zagreb
Belgrade
Sofia
Athens
Salonika
Rhodes
Crete
Cyprus
Beirut
Damascus
Amman
Jerusalem
Cairo
Khartoum
Port Sudan
Asmara
Addis Ababa
Nairobi
Mogadishu
Djibouti
Aden
Jeddah
Mecca
Medina
Baghdad
Basra
Tehran
Tbilisi
Baku
Erzurum
Ankara
Istanbul
Izmir
Rhodes
Crete
Malta
Tripoli
Benghazi
Tobruk
Cairo
Port Said
Suez
Luxor
Aswan
Khartoum
Port Sudan
Asmara
Addis Ababa

CAIRO
Time of Sunrise 03 07 G.M.T.
" " Sunset 16 36 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: Saturday 7th May, 1949

At 1200 on Fri 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	40	7	7	02	2	8	Ac	9.3	23	65	16
	62303	SÎDI BARÂNI	70	18	35	03	2	8	Cs	10.3	22	74	17
	62306	MATRÛH	120	16	18	02	2	7		10.2	27	52	16
	62309	EL DABA	140	15		01	1	4	Cu	11.2	26	62	18
		ALEXANDRIA	40	16	50	03	1	4	Cu,Cc	11.4	24	61	16
	62318	FOUAD (Airport)	70	17	18	02	2	5	Ci	10.8	29	35	12
	62330	DAMIETTA	70	2	15	01	1	4	Ac	12.3	26	42	12
	62333	PORT SA'ÎD	50	8	30	02	1	2	Ci	12.6	23	65	16
	62336	EL 'ARISH	360	9	35	03	0	2	Cs,Ci	12.3	23	61	15
LOWER EGYPT	62339	DAMANHUR	90	13	15	03	1	4	Ci	12.7	28	37	12
	62342	MANSURA	70	9	35	02	7	4	Ac	11.8	31	28	10
	62348	TANTA	40	13	35	01	1	2	Cu	10.6	31	22	7
	62354	ZAGAZIG	40	9	15	01	0	1	Ci	10.7	31	28	10
	62441	ISMA'ÎLÎA	40	5	15	03	2	7	As	10.8	31	17	3
CAIRO AREA	62366	FAROUK (Airport)	60	16	30	02	1	3	Ci	9.3	33	14	2
	62372	ALMÂZA	50	18	30	02	1	4	Ci,Cc	9.2	34	6	-8
		EZBEKÎYA	40	9	35	00	0	3	Ci	9.4	34	15	6
		GÎZA	40	9	35	00	0	3	Ci	9.6	33	11	0
	62378	HELWÂN	20	13	35	02	1	4	Ci	8.4	35	5	-11
UPPER EGYPT	62381	FAIYÛM	20	4	35	03	1	3	Ci	8.3	36	6	-7
	62387	MINYA	30	10	14	02	0	3	Ci	7.3	38	13	5
	62393	ASYÛT MANQABÂD	00	0	30	02	0	2	Ci	6.2	38	9	-1
	62399	NAG' HAMMÂDI	00	0	15	00	0	2	Ci	6.6	38	19	11
	62402	QENA	240	5	50	01	1	2	Ci	7.4	40	15	9
	62405	LUXOR	00	0	30	01	1	2	Ci	6.6	39	20	12
	62414	ASWÂN	320	4	50	01	1	3	Sc	5.4	41	22	15
OASES	62417	SÎWA	90	21	35	00	0	0	—	7.5	38	53	27
	62420	BAHARÎYA	90	6	35	02	1	4	Ac	6.4	38	9	0
	62423	FARAFRA											
	62432	DAKHLA	160	9	50	01	0	4	Fs,As		43	5	-4
	62435	KHARGA	00	0	15	03	0	3	Ac	4.6	43	20	15
RED SEA	62450	SUEZ	360	3	35	02	0	0	—	9.5	33	24	10
	62459	TÛR	310	5	35	00	0	0	—	8.8	29	59	20
	62462	HURGHÂDA	60	8		03	0	0	—	9.2	28	62	20
	62465	QUSEIR	360	9	15	00	0	0	—	9.6	27	55	17
	62641	PORT SÛDÂN	110	11	30	00	0	0	—	7.4	30	70	24
NORTH SÛDÂN	62600	WÂDI HALFA	90	5	30	00	0	0	—	2.9	44	6	-2
	62640	ABU HAMAD	00	0	30	00	0	0	—	2.5	43	7	0
	62660	KAREIMA	270	2	30	00	0	0	—	1.4	45	8	3
	62680	'ATBARA	00	0	30	00	0	0	—	0.6	43	4	-7
	62721	KHARTÛM	70	6	30	02	0	0	—	1.0	43	17	13
	62780	KASSALA	70	9	30	00	0	0	—	0.7	42	11	5
CENTRAL SÛDÂN	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES	230	5	35	00	0	0	—		42	11	5
	62771	EL OBEID	60	9	30	02	1	6	Ci	1.2	42	12	7
	62760	EL FÂSHER	130	12	30	02	1	2	Cu,Cc		41	10	3
	62770	GENEINA	90	4	30	02	2	8	Cu,Cc		37	37	20
S. SÛDÂN	62840	MALAKÂL	200	9	30	03	2	7	Fs,Fc	5.5	39	26	16
	62880	WÂU											
	62941	JUBA	230	9	30	03	1	7	Cu,Ac	2.1	37	7	-5

At 1800 on Fri 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	4	7	02	2	7	Ac	9.8	21	74	16	0
SÎDI BARÂNI	80	12	35	01	2	6	As	10.2	18	95	18	0
MATRÛH	140	3	14	01	2	3	Ci	11.2	19	73	14	0
EL DABA	140	10		00	0	0	—		20	83	17	0
ALEXANDRIA	90	9	7	00	0	0	—	12.3	21	65	14	0
FOUAD (Airport)	60	12	12	02	2	6	Ci,Fc	11.1	21	65	14	0
DAMIETTA	20	2		00	0	0	—	12.3	22	65	15	0
PORT SA'ÎD	40	12	18	01	0	1	Ci	11.5	22	74	17	0
EL 'ARISH			15	01	0	0	—		21	83	18	0
DAMANHUR	90	9	7	02	1	6	Ci	11.5	24	47	12	0
MANSURA	40	5	3	00	1	0	—	11.6	22	57	13	0
TANTA	00	0	35	02	1	2	Cu	11.7	25	34	8	0
ZAGAZIG	40	5	3	00	1	0	—	11.5	23	44	10	0
ISMA'ÎLÎA												
FAROUK (Airport)	60	16	14	01	1	3	Ci,Cs	10.0	27			0
ALMÂZA	40	4	15	00	0	0	—	10.7	26	33	8	0
EZBEKÎYA	40	4	15	00	0	0	—	10.3	27	27	6	0
GÎZA	40	13	15	01	0	0	—	9.4	27	27	6	0
HELWÂN												
FAIYÛM	20	2	35	02	1	3	Ci	8.2	29	14	-1	0
MINYA	20	7	10	01	1	1	Ac	7.8	25	34	8	0
ASYÛT MANQABÂD												
NAG' HAMMÂDI	00	0	7	00	0	0	—	6.4	27	37	11	0
QENA	270	2	7	00	1	0	—	7.8	29	29	9	0
LUXOR	00	0	12	00	1	0	—	6.6	34	19	7	0
ASWÂN	00	0	50	00	0	0	—	5.6	37	14	6	0
SÎWA	90	5	15	03	2	6	Ac	7.1	32	10	-3	0
BAHARÎYA												
FARAFRA												
DAKHLA	140	3	35	00	0	0	—		38	6	-5	0
KHARGA	360	1	15	00	0	0	—	6.2	34	18	6	0
SUEZ	360	5	7	02	0	0	—	9.2	26	42	12	0
TÛR	180	5	15	00	0	0	—	9.6	24	61	16	0
HURGHÂDA	00	0	50	03	1	6	Cs	8.7	24	47	12	0
QUSEIR	330	5	15	02	0	0	—	9.4	26	48	14	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Saturday 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	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	6	7	01	2	7	Ac,Cc	9.5		22	24		16		50	11	0		
SÎDI BARÂNI	110	7	50	03	2	7	Ac	10.4		22	22		15		65	15	0	276	
MATRÛH	140	20	18	00	0	0	—	11.9		21	28		14		74	16	0		
EL DABA	20	20		00	0	0	—			22	29		15		50	11	0		
ALEXANDRIA	90	11	50	00	0	0	—	12.4	-1.6	23	28	+3	18	+1	61	15	0	267	185
FOUAD (Airport)	90	12	18	02	0	0	—	12.2		24	30		13		44	11	0	265	138
DAMIETTA	140	5		03	0	1	Ac	13.3	-0.4	24	26		17		54	14	0	318	104
PORT SA'ÎD	70	6	18	02	0	1	Ci	12.8		23	24		20		65	16	0	70	
EL 'ARISH			35	02	0	0	—	13.0	-0.6	17	25	-1	13	-1	77	13	0		92
DAMANHUR	90	13	7	02	0	0	—	12.0	-1.9	23	30	+1	14	0	57	14	0	102	99
MANSURA	40	2	35	00	0	0	—	12.6	-1.2	24	32	+2	17	+2	50	13	0	49	53
TANTA	90	8	35	02	1	0	—	13.0	-1.1	24	32	+1	12	-2	47	12	0	34	41
ZAGAZIG	40	5	7	00	0	0	—	11.8	-2.3	23	31	0	17	+3	61	15	0	21	26
ISMA'ÎLÎA	40	2	7	01	1	2	As	12.3		23			16		32	5	0	14	
FAROUK (Airport)	80	16	30	02	1	1	Ci	10.3		25					32	7	0		
ALMÂZA	60	20	14	03	0	1	Ci	10.7	-2.8	26	34		16		37	10	0		
EZBEKÎYA	40	15	15	00	0	0	—	11.2	-2.3	27	35	+5	17	+1	16	4	0	8	25
GÎZA	40	15	15	00	0	0	—	11.8	-1.7	28	34	+3	12	-1	12	-4	0	16	25
HELWÂN	70	22	15	07	0	0	—	10.2	-3.1	28	35	+4	21	+4	16	0	0	16	28
FAIYÛM	20	5	35	01	0	0	—	10.4	-2.7	26	37	+4	16	0	30	7	0	6	8
MINYA	00	0	8	10	0	1	Ci	9.1		28	38		16		23	5	0	5	
ASYÛT MANQABÂD	00	0	30	00	0	1	Ci	8.5		31			21		9	-6	0	0	
NAG' HAMMÂDI	00	0	3	00	0	0	—	8.7		28	40		18		20	3	0	0	
QENA	40	2	15	00	0	0	—	9.5	-1.5	31	42	+5	21	+2	17	3	0	Dr.	
LUXOR	00	0	30	00	0	0	—	8.7		30	42		20		27	9	0	Dr.	
ASWÂN	00	0	50	00	0	0	—	8.3	-2.8	30	42	+4	26	+4	19	4	0	Dr.	
SÎWA																		Dr.	8
BAHARÎYA	90	6	35	02	1	3	Ac	9.7	-5.0	28	39	+6	21	+5	22	4	0	Dr.	7
FARAFRA																		Dr.	
DAKHLA	00	0	35	00	0	0	—	6.6	-6.0	30	44	+7	22	+4	16	1	0	Dr.	
KHARGA	00	0	35	00	0	0	—	7.6	-4.5	31	43	+6	22	+2	31	12	0	0	
SUEZ	360	3	35	00	0	0	—	12.2	-0.8	25	34	+3	18	0	47	13	0	12	16
TÛR	310	3	35	00	0	0	—	10.0	-1.1	24	30	0	17	-2	69	18	0	Dr.	13
HURGHADA	310	7		00	0	0	—	10.4		25	29		17		54	15	0	7	
QUSEIR	310	5	15	02	0	0	—	10.0	-1.1	28	29	-1	20	-2	27	7	0	0	4
PORT SÛDÂN	90	1	30	02	0	1	Cu	9.8		29	31		23		74	24	0	34	96
WÂDI HALFA	140	11	18	00	0	0	—	6.0		33	45		24		11	-1	0	tr.	
ABU HAMAD	130	5	30	00	0	0	—	7.0		32	44		24		10	-3	0		
KAREIMA	00	0	30	00	0	0	—	6.2		32	46		25		28	11	0	3	1
'ATBARA	90	5	30	00	0	0	—	6.6		35	44		27				0	7	4
KHARTÛM	90	16	30	02	0	0	—	5.8		35	45		27		27	13	0	10	5
KASSALA	130	13	30	00	0	0	—	6.0		37	44		30		20	11	0	16	14
WÂD MEDANI	90	1	50	00	0	0	—	5.4		31	45		26		19	5	0	11	16
RENK	230	9	50	00	0	0	—			33	42		22		38	17	0	0	61
ROSEIRES	270	5	35	00	0	0	—			31	43		24		33	13		3	65
EL OBEID	260	4	30	00	0	0	—	6.2		33	42		25		34	15	0	11	21
EL FÂSHER	340	25	30	01	1	3	Ci,Cs			28	41		21		25	6	0	1	8
GENEINA	200	2	18	02	1	7	Ac			25	39		22		58	16	0	Dr.	10
MALAKÂL	180	3	30	03	2	7	Cs	9.1		29	40		27		49	17	0	127	136
WÂU	00	0	18	00	1	1	Ac	8.2		27			24		70	21	0	295	261
JUBA	180	5	30	03	6	7	Ac	10.1		25			24		79	21	3	220	340

HUMIDITY % Mean of day

Station	on 6th	Diff. from normal
Alexandria	60	-10
Ezbekîya	25	-25
Gîza	21	-31
Helwân	17	-21

GÎZA GRASS MINIMUM TEMP. ON 7th 9.1 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — Farouk AIRPORT — On 7th At 3h

Pressure mbs.	Height above M.S.L. ~~metres~~	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	86	19	35		
950					
900					
850	1492	21		350	11
800					
700	3130	9		320	19
600					
500	5801	-10		310	47
400		-22			
300					

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

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

UPPER WIND OBSERVATIONS on 6th May 1949

Height m.	Matruh Dir.	Matruh Vel.	Fouad A.p. Dir.	Fouad A.p. Vel.	Port Said Dir.	Port Said Vel.	Minya Dir.	Minya Vel.	Almaza Dir.	Almaza Vel.
Time	14		16		14		14 30		15	
300	100	21	80	27	60	19	360	33	40	10
600	100	22	100	23	60	20	20	33	50	16
1000	90	22	80	16	150	2	60	17	40	13
1500	90	12	20	10	110	4	60	16		
2000	110	10	330	13	110	5	50	22		
3000	260	16	300	14			40	7		
4000										
5000										
6000										
7000										
8000										

UPPER WIND OBSERVATIONS on 7th May 1949

Station	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Sa'îd Dir.	Port Sa'îd Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Farouk A.P. Dir.	Farouk A.P. Vel.
Time	5		4		3								3		9		5				10		3 7	
300	110	40	110	31	60	26							70	8	90	6	150	2			30	3	00	0
600	110	40	100	30	70	21							80	20	130	3	70	8			60	3	00	0
1000	120	30	110	19	60	11							60	14	150	3	150	11			40	3	00	0
1500	120	12			40	12							30	3	270	2	200	3			90	1	350	11
2000	110	9											300	7	260	8							340	14
3000													300	21	310	14							310	24
4000																								
5000																							300	46
6000																							310	49
7000																								
8000																								

Station	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time	5		5		5		4		4		3 30		4 15		4		4				4 30		3 30	
300	100	23	100	16	120	15	90	7	130	8														
600	120	40	100	26	120	23	130	13	210	16	120	20			80	25	60	12					180	12
1000	130	41	110	22	150	27	120	15	170	23	110	9	100	22	80	25	60	17			310	14	170	12
1500	150	32	130	15			170	9	130	10	80	7	70	15	50	20	30	18			300	21	200	17
2000	130	4							330	7			50	15	40	17							190	11
3000	300	23							340	10			20	13			360	13			50	17		
4000	280	27							340	25					100	22	240	12						
5000	280	34																						
6000	280	38																						
7000	270	43																						
8000																								

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

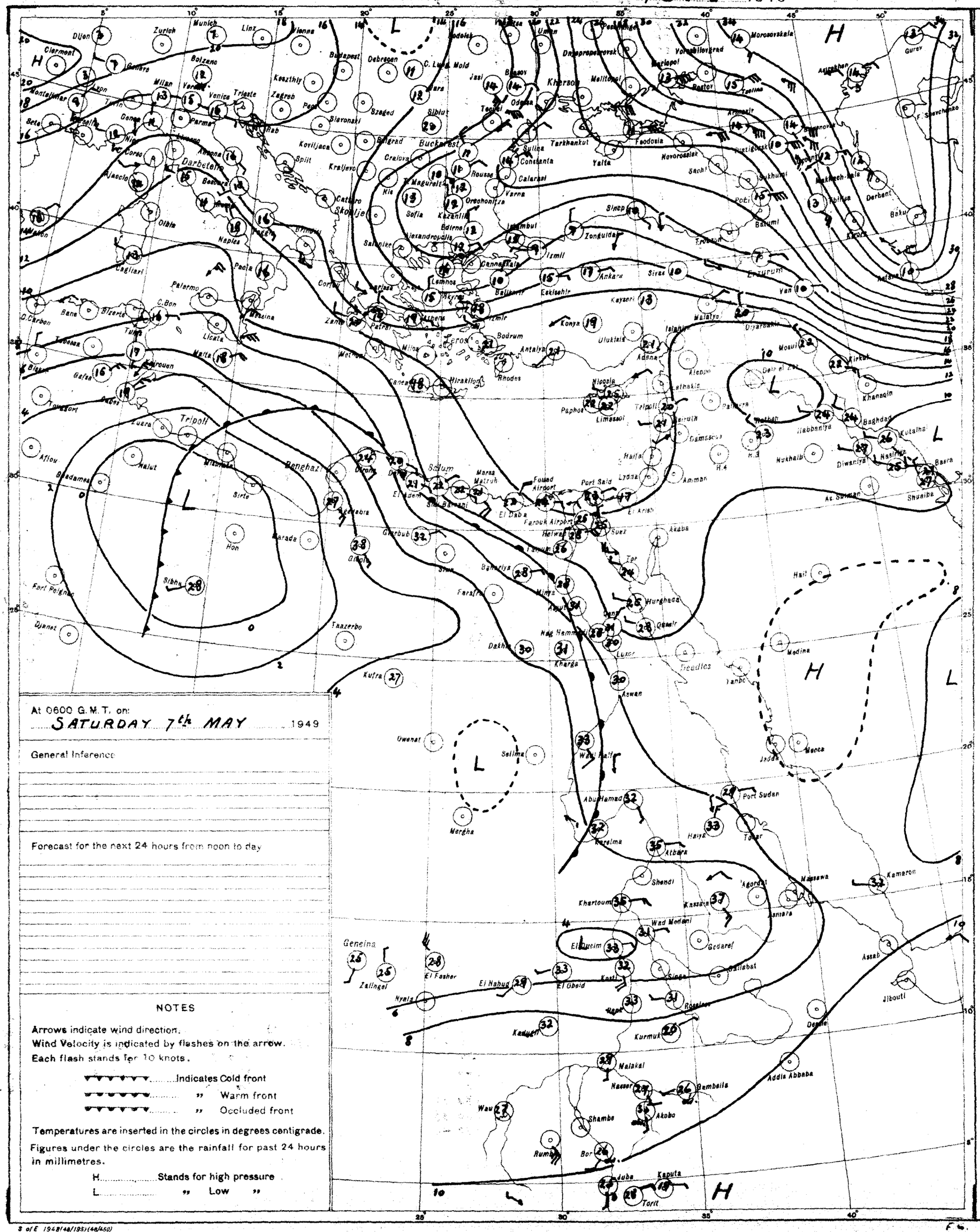
K.N.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 7 - 5 - 1949


Dijon
Zurich
Munich
Linz
Vienna
Budapest
Debrecen
Clermont
Bolzano
Milan
Venice
Trieste
Zagreb
Szeged
Kecskemet
Sibiu
Bucharest
Constanta
Odessa
Kherson
Melitopol
Mariupol
Rostov
Tbilisi
Derbent
Baku
Krasnovodsk
Tashkent
Alma-Ata
Tarkhankut
Yalta
Feodosia
Novorossiysk
Sochi
Poti
Batumi
Erzurum
Van
Tiflis
Kutaisi
Sinop
Zonguldak
Istanbul
Izmit
Ankara
Eskisehir
Kayseri
Konya
Sivas
Malatya
Diyarbakir
Mosul
Kirkuk
Khanaqin
Baghdad
Kut-al-Amara
Basra
Shuaiba
Ar Sulman
Nukhaib
Diwaniya
Nasiriyeh
Habbaniya
Rutbah
Amman
Haifa
Lydda
Port Said
Suez
Akaba
Tor
Hurghada
Qena
Luxor
Aswan
Wadi Halfa
Abu Hamad
Port Sudan
Tokar
Haiya
Atbara
Kareima
Merowe
Khartoum
Shendi
Kassala
Gedaref
Wad Medani
El Obeid
Kosti
Sinder
Gallabat
Roseires
Kurmuk
Malakal
Nasser
Bambeila
Akobo
Shambe
Bor
Juba
Kaputa
Torit
Addis Ababa
Dire Dawa
Jibouti
Assab
Massawa
Kamaran
Jeddah
Mecca
Medina
Yanbo
Hail
Beadles
Kufra
Uweinat
Selima
Merga
Geneina
Zalingei
El Fasher
Nyala
El Nahud
Kadugli
Tripoli
Benghazi
Sirte
Hon
Sebha
Ghat
Ghadames
Nalut
Mizda
Tazerbo
Djanet
Fort Polignac
Afou
Gafsa
Tozeur
Tunis
Bizerte
Bone
C. Bon
C. Carbon
Palermo
Messina
Naples
Rome
Pisa
Cagliari
Marseille
Nice
Genoa
Milan
Turin
Lyon
Montelimar
Bordeaux
Biarritz
Corsica
Ajaccio
Cattaro
Skoplje
Salonika
Athens
Patras
Corfu
Lemnos
Mytilene
Chios
Samos
Rhodes
Bodrum
Antalya
Adana
Aleppo
Latakia
Nicosia
Paphos
Limassol
Tripoli
Beirut
Damascus
Palmyra
Hiraklion
Canea
Milos
Zante
Malta
Pantelleria
Lampedusa
Sfax
Gabes
Kerkennah
Tunis
Bone
Biskra
Ouargla
Tamanrasset
Bordj Mokhtar
Adrar
Tindouf
Colomb Bechar
Oran
Algiers
Tlemcen
Oujda
Fez
Rabat
Casablanca
Tangier
Gibraltar
Lisbon
Porto
Madrid
Valencia
Palma
Malaga
Seville
Cadiz
Ceuta
Melilla
Tetuan
Larache
Kenitra
Agadir
Tiznit
Marrakech
Ifrane
Azrou
Meknes
Tiaret

CAIRO

Time of Sunrise 03 07 G.M.T.

" " Sunset 16 36 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: Sunday 8th, 1949

At 1200 on Satur 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	90	7	7	02	2	7	Ci	9.6	22	57	13
	62303	SÎDI BARÂNI	70	20	50	02	2	7	Ac,Cc	9.8	23	74	18
	62306	MATRÛH	130	18	18	03	1	3	Ci	10.8	28	34	8
	62309	EL DABÂ	140	21		00	0	0	—		28	37	12
		ALEXANDRIA	90	16	50	01	1	3	Cu,Cc	10.3	29	40	14
	62318	FOUAD (Airport)	40	11	18	02	0	2	Ci	10.7	31	31	12
	62330	DAMIETTA	70	5	15	02	0	1	Ac	10.7	29	35	12
	62333	PORT SAÏD	60	6	30	02	0	1	Ci	12.3	24	54	14
	62336	EL 'ARISH			35	02	0	0	—	12.4	23	61	15
Lower Egypt	62339	DAMANHUR	90	13	15	02	1	2	Ci	11.8	33	21	8
	62342	MANSURA	360	5	35	01	1	3	Ac	11.4	33	16	4
	62348	TANTA	130	8	35	02	0	0	—	10.6	33	16	4
	62354	ZAGAZIG	40	5	15	00	0	0	—	10.8	33	21	8
	62441	ISMAÏLIA	40	2	15	01	0	0	—	10.6	33	12	0
Cairo Area	62366	FAROUK (Airport)	60	16	30	02	2	1	Ci	9.3	35	7	-6
	62372	ALMÂZA	60	17	30	03	0	1	Ci	9.4	35	7	-7
		EZBEKÎYA	90	8	35	00	0	1	Ci	9.4	36	9	-2
		GÎZA	90	8	35	00	0	1	Ci	9.8	35	7	-5
	62378	HELWÂN	20	11	50	03	0	1	Ci	8.3	37	5	-10
Upper Egypt	62381	FAIYÛM	20	2	35	02	0	0	—	8.2	38	9	0
	62387	MINYA	350	5	18	00	0	0	—	7.2	41	10	4
	62393	ASYÛT MANQABÂD	00	0	30	00	0	0	—	6.5	40	10	2
	62399	NAG' HAMMÂDI	00	0	15	00	0	0	—	6.0	40	10	2
	62402	QENA	90	2	50	00	0	0	—	6.4	43	8	1
	62405	LUXOR											
	62414	ASWÂN	270	3	50	00	0	0	—	5.3	43	8	2
Oases	62417	SÎWA	110	19	35	00	0	0	—	7.6	39	50	27
	62420	BAHARÎYA	90	2	35	01	1	2	Ac	6.3	41	8	0
	62423	FARAFRA											
	62432	DAKHLA	140	3	50	00	0	0	—	3.6	45	8	3
	62435	KHARGA	180	1	35	00	0	0	—	5.5	44	9	4
Red Sea	62450	SUEZ	360	4	35	02	0	0	—	9.6	34	27	12
	62459	TÛR	00	0	35	00	0	0	—	8.2	29	46	16
	62462	HURGHADA	90	7		00	0	0	—	9.6	28	55	18
	62465	QUSEIR	20	9	16	02	0	0	—	9.9	27	62	19
	62641	PORT SUDAN	90	9	30	00	0	0	—	7.6	33	38	17
North Sudan	62600	WÂDI HALFA	290	3	30	00	0	0	—	3.7	45	9	5
	62640	ABU HAMAD	110	5	30	00	0	0	—	2.7	44	6	-2
	62660	KAREIMA	360	3	30	00	0	0	—	2.3	45	12	9
	62680	'ATBARA	50	5	30	00	0	0	—	2.0	43	7	-1
	62721	KHARTÛM	50	12	10	07	0	0	—	1.5	44	16	13
	62780	KASSALA	50	9	30	00	0	0	—	1.1	42	14	9
Central Sudan	62751	WÂD MEDANI	20	5	35	00	0	2	St,Fs	0.4	44	8	3
	62801	RENK	230	2	50	01	1	5	Cc	2.5	40	24	16
	62802	ROSEIRES	270	5	35	00	0	0	—		43	9	4
	62771	EL OBEID	110	5	30	03	0	3	Cu	1.3	41	28	19
	62760	EL FÂSHER	50	15	30	00	0	0	—		41	12	6
	62770	GENEINA	70	2	30	01	2	4	Cu,Cc		39	23	14
S. Sudan	62840	MALAKÂL	180	8	30	02	2	8	Cu,Cc	3.5	39	26	16
	62880	WÂU	00	0	30	02	1	5	Cu	5.1	36	37	19
	62941	JUBA											

At 1800 on Satur 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	40	6	7	02	2	6	Ac	9.6	21	65	14	0
SÎDI BARÂNI	90	14	35	03	2	8	Ac,Cc	9.4	19	83	16	0
MATRÛH	130	4	13	01	1	3	Ci	10.8	19	73	14	0
EL DABÂ	140	20		00	0	3			21	50	10	0
ALEXANDRIA	90	10	7	01	0	0	—	12.4	24	38	9	0
FOUAD (Airport)	60	12	15	02	2	7	Ci	11.7	22	57	13	0
DAMIETTA	40	5		03	1	3	Ac	12.0	23	74	18	0
PORT SAÏD	30	10	18	01	1	4	Ci	12.0	22	83	19	0
EL 'ARISH			15	03	1	4	Cu,Cc	12.6	21	65	14	0
DAMANHUR	90	9	7	03	1	7	Ci,Cs	12.0	22	50	11	0
MANSURA	40	5	3	00	1	0	—	12.2	23	50	12	0
TANTA	130	2	35	01	1	5	Cu	12.0	25	34	8	0
ZAGAZIG	40	5	3	00	0	0	—	12.7	24	38	9	0
ISMAÏLIA	20	2	7	01	1	3	As	11.1	24	38	9	0
FAROUK (Airport)												
ALMÂZA	50	15	18	03	0	3	Ci	10.6	28	27	7	0
EZBEKÎYA	70	8	15	00	0	1	Ci	10.6	28	17	1	0
GÎZA	70	8	15	00	0	1	Ci	11.4	27	18	0	0
HELWÂN	40	16	35	03	1	5	Ci	9.2	29	9	-7	0
FAIYÛM	20	5	35	03	0	1	Ci	7.6	31	12	-1	0
MINYA	40	8	12	01	1	4	Ci	7.2	27	33	9	0
ASYÛT MANQABÂD												
NAG' HAMMÂDI	00	0	1.5	00	0	3	Ci	5.9	30	35	13	0
QENA	240	5	7	03	0	3	Ci	6.2	30	25	8	0
LUXOR	00	0	12	00	0	0	—	5.9	35	15	5	0
ASWÂN	00	0	50	00	0	0	—	5.8	38	21	12	0
SÎWA	00	0	7	00	0	0	—	5.9	36	63	28	0
BAHARÎYA	90	2	15	02	1	3	Ac	7.0	34	10	-2	0
FARAFRA												
DAKHLA	00	0	35	00	0	0	—	3.8	39	9	0	0
KHARGA	00	0	15	00	0	0	—	7.4	36	20	10	0
SUEZ	310	4	7	02	0	0	—	11.2	27	33	9	0
TÛR	00	0	15	00	0	0	—		24	54	14	0
HURGHADA	00	0		00	0	0	—	9.0	24	74	18	0
QUSEIR	40	5	15	02	0	0	—	9.6	25	74	20	0
PORT SUDAN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Sunday 8th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Bar. Pressure Diff. from normal mbs	Temp. Dry Bulb	Temp. Maximum Yesterday	Temp. Maximum Diff. from normal	Temp. Minimum Today	Temp. Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	140	3	7	02	2	8	St,Ac	7.8		20	25		18		83	17	0		
SÎDI BARÂNI	120	4	35	03	2	8	Ac,Cc	9.8		22	23		16		65	15	0	276	
MATRÛH	90	3	14	02	2	8	Ac	10.6		22	28		17		41	8	0		
EL DABÂ	140	20				4	Cu			22	30		17		50	11	0		
ALEXANDRIA	130	6	35	03	1		Cu,Ci	11.2	-2.8	23	31	+6	19	+2	44	10	0	267	185
FOUAD (Airport)	100	13	30	03	2	6	Ci	11.2		22	34		16		57	13	0	265	139
DAMIETTA	140	2		03	1	6	Ac	12.2	-1.4	25	30		18		61	17	0	318	104
PORT SAÏD	80	9	18	02	1	5	Ci	11.9		23	28		20		65	16	0	70	
EL 'ARISH	140	2	35	01	0	0	—	12.6	-1.0	21	26	0	13	-1	65	14	0		92
DAMANHUR	90	13	7	02	1	7	Ci	11.2	-2.7	25	34	+5	17	+2	47	13	0	102	99
MANSURA	90	5	35	02	2	5	Ac	11.5	-2.3	23	34	+4	16	+1	38	8	0	49	53
TANTA	90	2	35	02	1	5	Cu	11.8	-2.2	24	34	+3	14	0	38	9	0	34	41
ZAGAZIG	40	5	7	01	2	3	As	10.8	-3.2	22	34	+3	13	+4	44	9	0	21	26
ISMAÏLIA	70	2	7	02	2	8	As	11.0		24	34		18		26	3	0	14	
FAROUK (Airport)	70	17	14	02	1	3	Ci	9.5		29			22		20	4	0		
ALMÂZA	70	17	14	03	1	1	Ci	9.2	-4.3	28	36		21		27	7	0		
EZBEKÎYA	70	3	15	00	0	1	Ci	9.2	-4.3	29	36	+5	22	+6	17	1	0	8	25
GÎZA	70	3	15	00	0	1	Ci	9.5	-4.0	29	36	+4	16	+3	14	-1	0	16	25
HELWÂN	00	0	15	03	1	4	Ci	8.7	-4.6	30	37	+6	24	+7	21	5	0	16	28
FAIYÛM	00	0	35	02	0	2	Ci	8.7	-4.4	28	39	+6	18	+2	22	4	0	6	8
MINYA	20	5	10	00	0	0	—	8.7		26	41		20		37	10	0	5	
ASYÛT MANQABÂD	00	0	30	00	0	3	Ci	7.3		33	44		24		31	11	0	0	
NAG' HAMMÂDI	00	0	3	01	0	4	Cc,Cc	7.4	-4.1	31	42		23		38	15	0	0	
QENA	90	5	15	00	0	0	—	8.6	-2.3	30	44	+7	20	+1	25	8	0	Dr.	
LUXOR	20	1	30	01	0	1	Ci	8.8		31	44		22		28	10	0	Dr.	
ASWÂN	00	0	50	00	0	0	—	7.6	-3.4	30	44	+6	25	+3	21	5	0	Dr.	
SÎWA	00	0	35	00	0	0	—	8.0	-6.6	28	42	+9	23	+8	45	15	0	Dr.	8
BAHARÎYA	90	6	35	02	1	4	Ac	7.8	-5.8	30	41	+8	24	+8	16	1	0	Dr.	7
FARAFRA	360	4	15	02	1	3	Ci	5.6		29			21		14	-1	0	Dr.	
DAKHLA	160	3	35	00	0	6	Cc,Ac			31	46	+9	25	+7	12	-1	0	Dr.	
KHARGA	00	0	35	00	0	0	—	6.6	-5.0	34	45	+8	26	+6	27	12	0	0	
SUEZ	00	0	35	00	0	0	—	10.0	-3.0	26	36	+5	18	0	42	12	0	12	16
TÛR	00	0	35	00	0	0	—	9.5	-1.5	24	30	0	18	-1	69	13	0	Dr.	13
HURGHADA	340	2		03	0	0	—	9.4		25	29		18		47	13	0	7	
QUSEIR	270	9	15	02	0	0	—	9.8	-1.2	27	30	0	20	-2	58	16	0	0	4
PORT SUDAN	310	1	30	01	0	1	Sc	9.9		29	35		20		70	23		34	96
WÂDI HALFA	120	3	30	01	0	1	Ci	5.8		34	47		25		10	-2	0	Tr.	
ABU HAMAD	180	2	30	00	0	0	—	6.8		33	45		25		10	-2	0		
KAREIMA	00	0	30	00	0	0	—	6.1		33	46		24		21	8	0	3	1
'ATBARA	00	0	30	00	0	0	—	6.5		33	47		26		8	-5	0	7	4
KHARTÛM	110	9	30	02	0	0	—	5.7		33	46		26		32	14	0	10	5
KASSALA	110	5	30	00	0	0	—	4.7		36	44		29		12	2	0	16	15
WÂD MEDANI	130	5	50	00	0	0	—	5.9		32	46		23		17	4	0	11	17
RENK	230	9	50	00	0	0	—	8.3		33	41		25		41	18	0	0	62
ROSEIRES	200	9	35	00	0	0	—			33	43		27		36	16	0	3	66
EL OBEID	180	9	30	00	0	0	—	6.0		33	43		23		26	11	0	11	22
EL FÂSHER	350	2	30	00	0	0	—			27	43		21		13	-4	0	1	9
GENEINA	00	0	30	00	0	0	—			29	42		23		35	12	0	Dr.	11
MALAKÂL	200	8	30	01	1		Ci			33	40		24		41	18	0	127	138
WÂU	170	3	30	02	1	7	Cs	7.6		29	37		27		62	21	0	295	265
JUBA	90	2	30	03	1	4	Cc,Ac	10.5		26	35		24		79	22	0	220	345

HUMIDITY

Mean of day %

STATION	on 7th	Diff. from normal
Alexandria	48	-22
Ezbekîya	14	-36
Gîza	12	-40
Helwân	13	-25

GÎZA

GRASS MINIMUM TEMP. ON 8th 11.5 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

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

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

Remarks .....

RAWINSONDE

On 8 At 3h AIRPORT

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	79	21	33		
950					
900					
850	1485	20		40	16
800					
700	3127	9		320	13
600					
500	5813	-11		290	52
400		-24			
300					

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

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

UPPER WIND OBSERVATIONS on 7th

Station			Matruh				Fouad Arp				Port Said				Almaza				Minya							
Time			14 15				15				14				16				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			100	23			70	26			80	13			40	16			350	18						
600			100	18			90	22			60	21			50	16			350	19						
1000			120	20			100	19			60	18			60	16			350	20						
1500			130	10			40	20			360	14			360	4			10	23						
2000			170	6			30	13			330	10			320	13			20	20						
3000			220	5			310	16							330	14										
4000															300	19										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 8th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farouk Arp.	
Time	5		4 15		3		4				6 45						6 15		5		9		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	130	42	120	31	100	30	100	12			240	3					120	1			150	3	80	27
600	130	53	110	33	100	32	100	12			80	10					140	7			90	15	80	33
1000	120	29	110	33	80	23	110	9			40	8					120	11	130	23	160	8	70	26
1500	170	11	110	23	50	16	100	12			40	10					160	3	80	16	340	6	40	16
2000	130	12	230	3	340	10					350	7							30	3	260	10	340	11
3000	170	23									300	12											310	17
4000																								
5000																							280	56
6000																							310	41
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	4 45		5		5		4 30		4				4 15		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	31	90	16	120	26	150	3	120	7														
600	100	42	100	30	120	36	130	17	110	12			130	21	90	25	90	11						
1000	110	40	110	41	140	41	110	18	120	10			110	12	90	31	70	14						
1500	130	30	130	25	160	29			130	7			90	11	70	17	60	16						
2000	170	15	140	36											40	15	10	10						
3000	200	16							310	7					40	20	340	7						
4000	270	18													40	24	290	8						
5000	270	11																						
6000	240	12																						
7000	170	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.

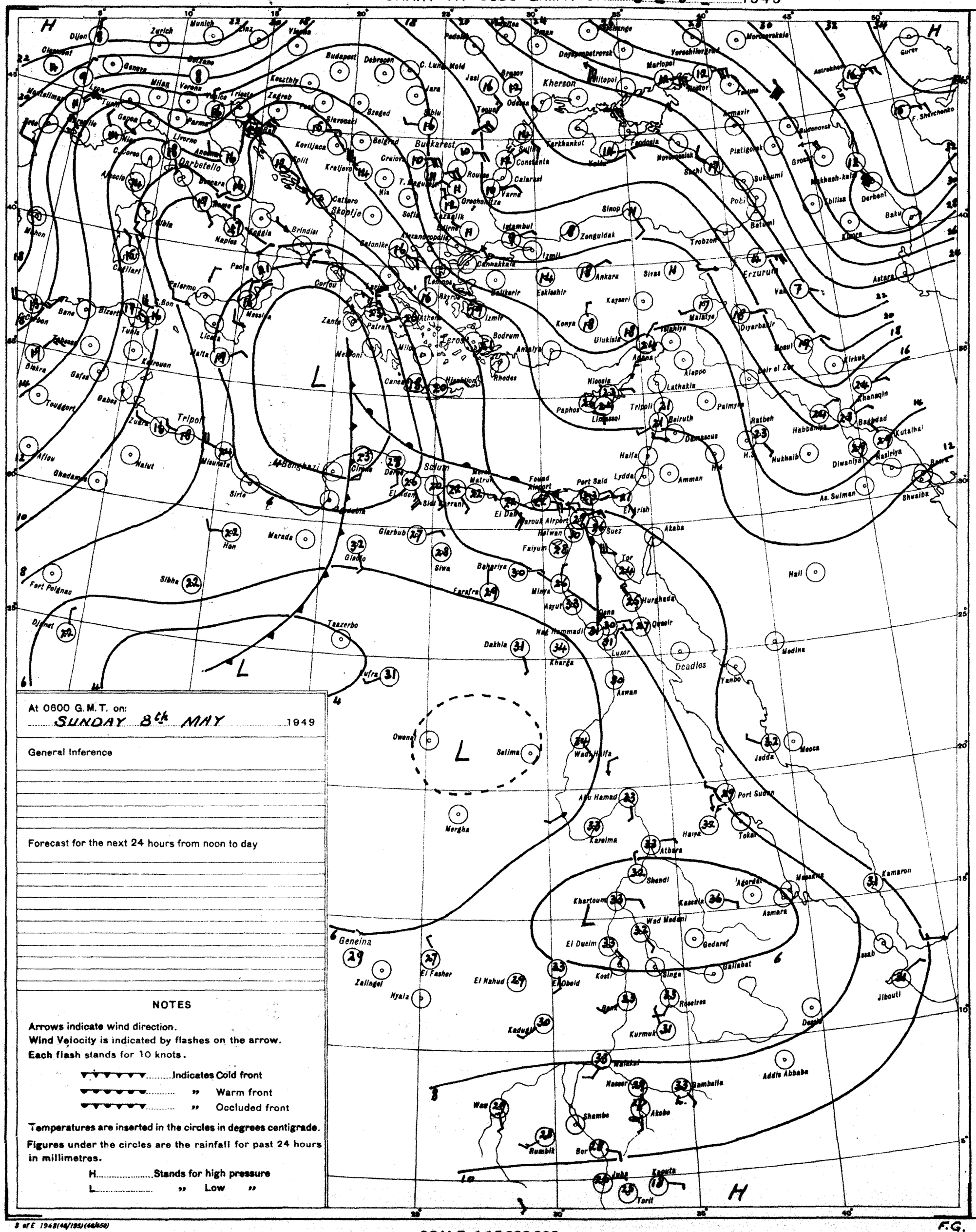
K. N.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 8 - 5 - 1949


Dijon
Zurich
Munich
Vienna
Budapest
Debrecen
Kherson
Mariopol
Bucharest
Constanta
Calarasi
Varna
Istanbul
Zonguldak
Sinop
Trabzon
Ankara
Sivas
Erzurum
Eskisehir
Izmir
Bodrum
Antalya
Konya
Kayseri
Adana
Aleppo
Nicosia
Lathakia
Tripoli
Beirut
Damascus
Haifa
Lydda
Amman
Port Said
Suez
Akaba
Tor
Hurghada
Qena
Luxor
Aswan
Deadles
Medina
Yanbo
Jedda
Mecca
Port Sudan
Tokar
Kassala
Asmara
Massawa
Khartoum
Wad Medani
Gedaref
El Obeid
Kosti
Singa
Roseires
Kurmuk
Gambella
Addis Abbaba
Jibouti
Geneina
Zalingei
El Fasher
Nyala
El Nahud
Kadugli
Wau
Shambe
Akobo
Rumbik
Bor
Juba
Kapoeta
Torit
Kamaron
Tripoli
Benghazi
Sirte
Marada
Hon
Sibha
Fort Polignac
Djanet
Taazerbo
Kufra
Owenat
Selima
Mergha
Kareima
Atbara
Shendi
Khartoum
Wad Medani
Gedaref
Gallabat
Asmara
Massawa
Aswan
Port Sudan
Tokar
Haifa
Amman
Lydda
Suez
Akaba
Tor
Hurghada
Qena
Luxor
Deadles
Medina
Yanbo
Jedda
Mecca
Aleppo
Lathakia
Nicosia
Damascus
Beirut
Tripoli
Konya
Kayseri
Adana
Antalya
Bodrum
Izmir
Ankara
Sivas
Erzurum
Trabzon
Sinop
Istanbul
Zonguldak
Varna
Constanta
Calarasi
Kherson
Mariopol
Taganrog
Rostov
Kerch
Feodosia
Sukhumi
Batumi
Tbilisa
Derbent
Baku
Astrakhan
Gurev
Kirkuk
Mosul
Diyarbakir
Khanaqin
Baghdad
Kutaihai
Nasiriya
Basra
Shuaiba
As Sulman
Diwaniya
Nukhaib
Rutbah
Habbaniya
Ratbeh
Palmyra
Paphos
Limassol
Rhodes
Athens
Patras
Zante
Corfu
Lemnos
Skyros
Salonika
Kavalla
Alexandropolis
Canea
Hipakion
Malta
Messina
Palermo
Naples
Foggia
Brindisi
Bari
Rome
Pescara
Cagliari
Ajaccio
Bastia
Livorno
Genoa
Marseille
Nice
Lyon
Geneva
Milan
Verona
Trieste
Zagreb
Split
Kraljevo
Belgrad
Nis
Sofia
Skoptje
Cattaro
Dubrovnik
Sarajevo
Koszthely
Szeged
Sibiu
Jassi
Braşov
Odessa
Tecuci
Craiova
Roman
Podolsk
Dnjepropetrovsk
Voroshilovgrad

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

Form No 7 F.

Time of Sunrise 03 06 G. M. T.
" " Sunset 16 37 G. M. T.

DAILY WEATHER REPORT

Date: MONDAY 9th MAY, 1949

At 1200 on Sun. 8th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM	180	15		09	3			5.8	37	13	9
	62303	SÎDI BARÂNI	160	12	7	33	4	9		4.8	34	36	17
	62306	MATRÛH											
	62309	EL DABA	140	10		01	1	6	Cu				
		ALEXANDRIA	130	8	35	02	2	0	—	9.1	30	21	5
	62318	FOUAD (Airport)	90	8	14	02	2	7		9.7	30	33	12
	62330	DAMIETTA	40	2	15	02	1	1	Ac	11.2	28	45	15
	62333	PORT SA'ÎD	40	10	30	02	2	7	Ci	11.1	24	69	18
	62336	EL 'ARISH	20	9	35	03	1	5	Cc	11.9	33	59	14
Lower Egypt	62339	DAMANHUR	130	13	15	03	1	8	Ci	10.3	32	34	14
	62342	MANSURA	70	5	35	02	2	1	Ac	10.4	32	24	9
	62348	TANTA	90	13	35	03	1	1	Ci	10.8	33	24	10
	62354	ZAGAZIG	40	5	15	02	1	2	As	9.8	34	18	6
	62441	ISMA'ILIA	40	5	15	02	2	8	As	9.6	34	6	-8
Cairo Area	62366	FAROUK (Airport)	60	12	30	03	2	1	Ci	7.9	37	4	-12
	62372	ALMAZA	40	10	30	02	2	4	Ci	7.9	38	4	-12
		EZBEKIYA	40	6	35	00	0	5	Ci	8.6	38	3	-13
		GIZA	40	6	35	00	0	5	Ci	8.6	37	3	-14
	62378	HELWÂN	20	8	35	02	2	5	Ci	7.2	39	2	-20
Upper Egypt	62381	FAIYÛM	00	0	35	03	1	3	Ci	7.2	37	8	-1
	62387	MINYA	00	0	18	03	2	0	—	5.9	42	15	10
	62393	ASYÛT MANQABÂD	110	4	30	02	1	8	Ci	5.2	42	9	2
	62399	NAG' HAMMÂDI	00	0	12	02	2	8	Ci	5.4	40	12	5
	62402	QENA	130	1	50	03	1	4	Ci	5.8	43	8	1
	62405	LUXOR	00	0	30	03	2	6	Ci	4.4	45	16	13
	62414	ASWÂN	00	0	50	03	2	4	As	3.5	46	15	13
Oases	62417	SÎWA	40	6	7	06	2	8	Ac	8.6	36	17	7
	62420	BAHARIYA	70	4	35	03	2	7	Ac	5.4	41	8	0
	62428	FARAFRA											
	62432	DAKHLA	180	18	15	07	3	8	Cs,As		46	7	1
	62435	KHARGA	180	1	15	03	1	7	Ci	4.7	45	16	13
Red Sea	62450	SUEZ	360	3	35	02	0	4	Cu	8.0	36	20	10
	62459	TÛR	310	2	35	00	0	0	—	8.7	29	40	14
	62462	HURGHÂDA	90	6		03	1	6	Ci	8.8	28	70	22
	62465	QUSEIR	40	9	15	00	1	4	Cb	9.1	27	55	17
	62641	PORT SUDAN	80	10	30	00	0	1	Ac	6.9	35	23	11
North Sudan	62600	WÂDI HALFA	200	7	30	03	1	6	Ci	2.7	45	7	2
	62640	ABU HAMAD	110	2	30	00	0	0	—	2.4	44	5	-5
	62660	KAREIMA	70	5	30	00	0	0	—	2.0	45	10	7
	62680	'ATBARA	70	13	4	07	0	0	—	1.1	44	4	-8
	62721	KHARTUM	70	10	30	00	0	0	—	0.9	42	25	19
	62780	KASSALA	50	5	30	00	0	0	—	0.3	42	11	5
Central Sudan	62751	WÂD MEDANI	50	9	35	02	0	0	—	999.8	44	8	3
	62801	RENK											
	62802	ROSEIRES	230	5	35	00	0	0	—		43	9	4
	62771	EL OBEID	00	0	30	00	0	0	—	0.2	41	14	8
	62760	EL FÂSHER	110	12	30	00	0	0	—		41	8	1
	62770	GENEINA											
S. Sudan	62840	MALAKÂL	200	13	30	02	0	1	Cu	3.3	39	23	14
	62880	WÂU	90	8	30	01	1	3	Ci	2.2	39	23	14
	62941	JUBA	200	5	35	02	2	7	Cu Ac	4.4	34	41	19

At 1800 on Sun. 8th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALUM	180	10	7	00	2	8	Sc,Ac	4.3	34	14	3	0
SÎDI BARÂNI	160	5	35	03	2	8	Ac,Cs	5.8	30	46	17	0
MATRÛH	130	5	10	02	2	8	Sc	7.0	24	44	11	0
EL DABA	140	10		01	1	4	Cu		22	57	13	0
ALEXANDRIA	130	5	7	02	2		Cu,Ac	9.0	26	30	7	0
FOUAD (Airport)	120	10	14	02	2	8	Ac.Cc	9.6	24	44	11	0
DAMIETTA	90	5		03	2	8	As	10.7	23	61	15	0
PORT SA'ÎD	90	14	15	03	2	8	Ac.Ci	11.6	22	69	16	0
EL 'ARISH			15	01	0	0	—		21	83	18	0
DAMANHUR	40	9	15	02	2	8	Cs	10.0	23	44	10	0
MANSURA	40	5	3	02	2	6	Ac	10.6	23	44	10	0
TANTA	40	2	35	02	2	6	Cu	10.8	24	38	9	0
ZAGAZIG	40	5	3	02	2	8	As	10.0	24	47	12	0
ISMA'ILIA	40	9	7	02	2	8	As	10.2	25	34	8	0
FAROUK (Airport)	20	18	12	01	1	3	Ci	9.6	28	42	14	0
ALMAZA	50	20	12	01	1	1	Ci	8.5	29	18	2	0
EZBEKIYA	120	3	15	00	0	4	Ci	9.2	29	20	4	0
GIZA	120	3	15	00	0	4	Cs	9.9	29	20	4	0
HELWÂN	40	16	15	03	2	7	Cc	7.5	30	11	-14	0
FAIYÛM	20	2	35	03	2	6	Ci	7.4	31	12	-1	0
MINYA	20	10	12	02	2	7	Ci	5.5	32	20	6	0
ASYÛT MANQABÂD												
NAG' HAMMÂDI	00	0	3	02	2	8	Ci	4.3	31			0
QENA	90	2	7	03	1	6	Ci	6.4	32	38	16	0
LUXOR	00	0	12	01	1	3	Ci	4.9	35	22	10	0
ASWÂN	00	0	50	00	0	0	—	4.4	34	11	3	0
SÎWA	00	0	7	00	0	0	—	7.2	34	36	17	0
BAHARIYA	40	5	15	02	2	5	Ac	5.6	35			0
FARAFRA												
DAKHLA	180	18	7	07	3	8	Cs,As,Cc		40	10	2	0
KHARGA	00	0	15	01	2	5		2.2	37	22	12	0
SUEZ	360	5	15	01	0	0	—	8.6	30	35	13	0
TÛR	340	2	15	00	0	0	—	8.8	27	42	13	0
HURGHADA	160	2		03	2	2	As	8.3	26	48	14	0
QUSEIR	20	6	15	03	1	6		8.6	25	70	19	0
PORT SUDAN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 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.	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	3	7	01	2	6	Ac,Ci	9.5		20	38		17		83	15	0		
SÎDI BARÂNI	310	9	35	03	2	8	Sc	10.0		18	37		17		88	16	0	276	
MATRÛH	330	12	14	01	2	7	Sc,As	9.6		21	37		18		65	14	0		
EL DABA	320	20		01	0	6	Cu			20	30		19		83	17	0		
ALEXANDRIA	130	11	15	02	2		Cu,Ac	9.3	-4.7	23	32	+7	21	+4	47	11	0	267	185
FOUAD (Airport)	120	2	11	02	2	8	Ac	9.4		23	32		20		50	12	0	265	138
DAMIETTA	70	5		02	2	8	As	11.0	-2.6	25	28		19		70	19	0	318	104
PORT SA'ÎD											25						0	70	
EL 'ARISH			35	03	1	4	Cu	10.7	-2.9	24	26	0	16	+2	61	16	0		92
DAMANHUR	130	9	7	03	2	8	As	9.9	-3.9	25	33	+4	19	+4	54	15	0	102	99
MANSURA	90	2	35	01	1	4	Ac	9.9	-3.9	28	33	+2	19	+4	45	15	0	49	53
TANTA	90	8	35	01	2	5	Cu	10.6	-3.4	28	33	+2	16	+2	40	13	0	34	41
ZAGAZIG	140	5	7	01	2	6	As	10.4	-3.6	25	34	+3	17	+3	54	15	0	21	26
ISMA'ILIA	90	2	7	03	2	8	As	9.3		28	35		20		52	17	0	14	
FAROUK (Airport)											37						0		
ALMAZA											39						0		
EZBEKIYA	30	11	15	00	0	4	Cs	9.6	-3.7	24	38	+6	20	+4	52	13	0	8	25
GIZA	30	11	15	00	0	4	Cs	9.4	-4.1	24	38	+7	18	+4	50	13	0	16	25
HELWÂN	320	4	7	00	2	7	Ac,Cc	8.7	-4.5	25	39	+7	20	+3	47	13	0	16	28
FAIYÛM	330	2	35	02	2	7	Ci	9.1	-4.0	29	41	+8	22	+6	29	9	0	6	8
MINYA	10	6	12	01	2	7	Ac,Ci	7.6		27	42		20		33	9	0	5	
ASYÛT MANQABÂD	00	0	18	00	0	5	Ci	5.9		33	43		26		14	2	0	0	
NAG' HAMMÂDI	00	0	7	02	2	7	As	6.6	-4.8	30	41		24		24	7	0	0	
QENA	360	1	15	01	1	3	Ci	7.6	-3.3	28	43	+5	23	+4	33	10	0	tr	
LUXOR	00	0	30	01	1	4	Ci	6.7		32	46		23		28	11	0	tr	
ASWÂN	00	0	50	02	1	4	Sc	6.8	-4.2	30	46	+8	27	+4	16	1	0	tr	
SÎWA											39	+6					0	tr	8
BAHARIYA	40	10	35	02	2	7	Ac	7.0	-6.6	33	43	+10	28	+12	12	0	0	tr	7
FARAFRA																	0	tr	
DAKHLA	00	0	15	00	0	8	Cs,As,Cc	2.8	-9.7	34	46	+9	26	+8	18	6	0	tr	
KHARGA								4.8		33	45	+8					0	0	
SUEZ	00	0	35	00	0	5	Cu	9.3	-3.7	27	38	+6	18	0	42	13	0	12	16
TÛR	20	2	35	00	0	0	—	8.6	-2.4	26	30	0	21	+2	55	16	0	tr	13
HURGHADA	00	0		02	0	8	Ci	8.8		26	30		20		70	20	0	7	
QUSEIR	330	5	15	00	1	4	Ci	9.0	-2.0	26	30	0	22	-1	58	17	0	0	4
PORT SUDAN	360	2	30	00	0	0	—	8.2		33	37		20		59	24	0	34	96
WÂDI HALFA	130	16	30	03	0	2	Ci	4.6		34	47		28		9	-3	0	tr	
ABU HAMAD	110	9	30	00	0	0	—	5.8		34	45		25		5	-10	0		
KAREIMA	70	4	30	00	0	0	—	5.4		32	45		24		21	7	0	3	1
'ATBARA	70	9	30	00	0	0	—	5.6		32	45		22		7	-9	0	7	4
KHARTUM	20	4	10	05	0	0	—	4.5		31	45		25		26	9	0	10	5
KASSALA	110	2	30	00	0	0	—	7.7		33	43		24		26	11	0	16	15
WÂD MEDANI	50	9	50	02	0	0	—	3.5		32	45		23		13	0	0	11	17
RENK	220	9	50	02	0	0	—	5.4		23	42		23		57	14	0	0	63
ROSEIRES	230	2	35	02	0	0	—			32	43		26		36	15	0	3	68
EL OBEID	210	3	30	00	0	0	—	4.9		31	42		24		12	-1	0	11	22
EL FÂSHER	30	2	30	00	0	0	—			26	42		21		18	0	0	1	9
GENEINA	00	0	30	00	0	0	—			27	41		22		42	13	0		11
MALAKÂL	180	7	30	01	2	1	Ac	5.6		32	40		26		38	16	0	127	140
WÂU	00	0	30	01	1	4	Ci	5.5		29	40		25		55	19	0	295	269
JUBA	180	9	30	03	1	2	Ac	6.8		29	36		25		52	18	0	220	350

HUMIDITY

Mean of day

Station	on 9th	Diff. from normal
Alexandria	36	-34
Ezbekiya	16	-34
Giza	14	-38
Helwân	8	-30

GIZA GRASS MINIMUM TEMP. ON 9th 16.5 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

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

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

Remarks .....

RAWINSONDE

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

UPPER WIND OBSERVATIONS on 8th

Station	PORT SA'ID				MINYA				FOUAD AP.																	
Time	14				15				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.
500	70	21							90	23																
600	60	17							80	30																
1000	50	10							80	5																
1500	70	11							160	4																
2000	80	10			360	11			310	21																
3000	70	10			40	21			290	17																
4000					130	33																				
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 9th

Station	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ID		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA					
Time	5		4		4		3				7		3		8 45				5		9					
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	310	17	280	16	140	12	90	27			320	9	360	24	80	7					150	3				
600			250	19	150	11	110	1			360	6	20	10	120	19			130	13	80	13				
1000			320	20	220	16	140	4			360	11	50	25	140	24			120	30	160	10				
1500			240	28	250	15	350	8			360	13	80	40	180	30			130	22	150	22				
2000			240	29	250	12	340	12			360	12	90	31	200	19										
3000			240	35	260	27					120	12			230	15										
4000											180	16														
5000																										
6000																										
7000																										
8000																										

Station	SÎWA		BAHARIYA		DAKHLA		KHARGA		WÂDI HALFA		ABU HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
Time	5		5		5		4 30		4						4									
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	270	10	50	30	70	3	150	16	130	18														
600	250	11	50	50	120	7	160	32	140	24					40	19								
1000	190	9	50	49	170	19	160	33	140	20					40	25								
1500	150	7	50	43	200	22	170	24	150	7					30	24								
2000	230	12	50	45	200	27	280	13							50	29								
3000	200	23							310	5														
4000	230	28							50	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.

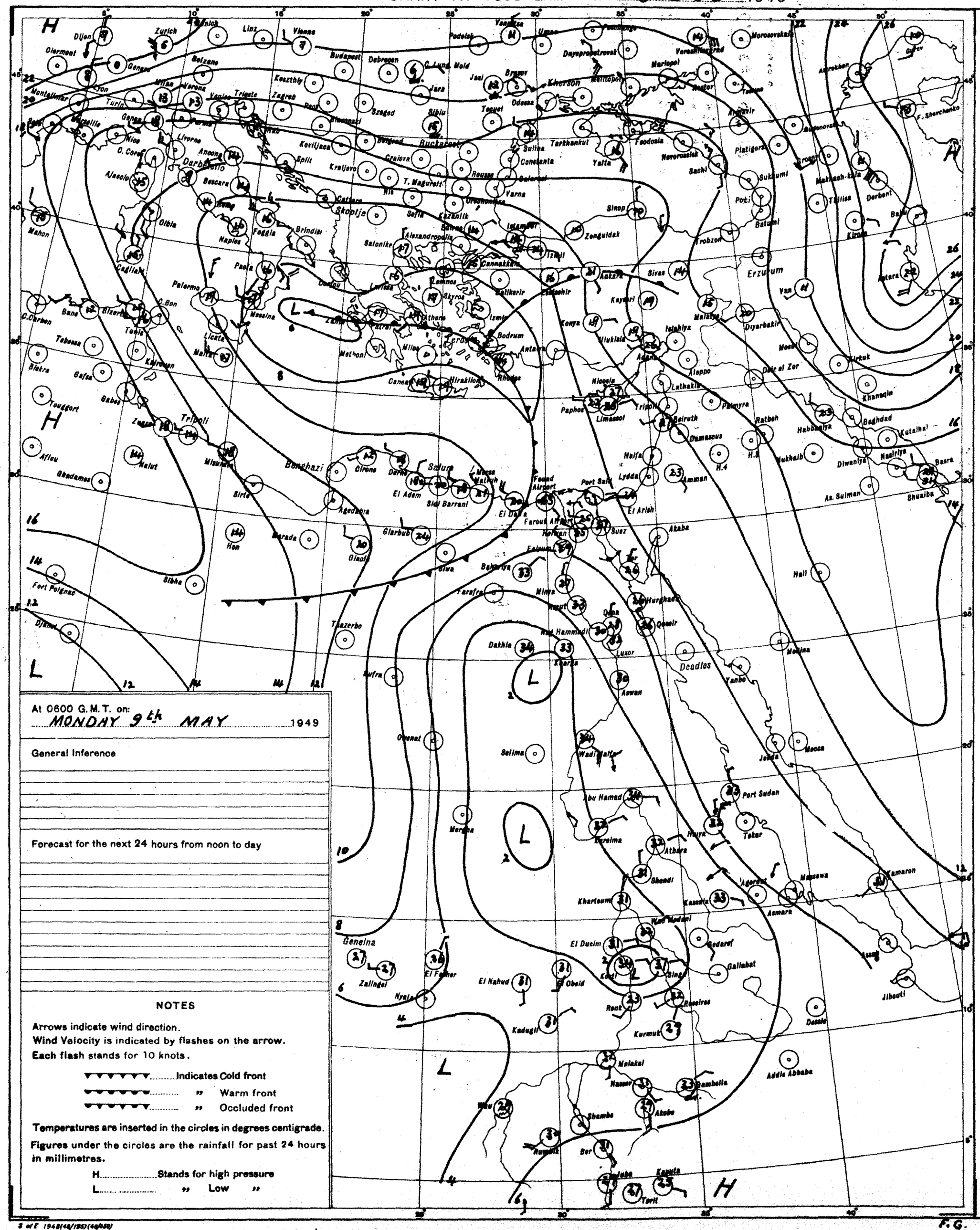
K.N.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 9 - 5 - 1949


Dijon
Zurich
Munich
Linz
Vienna
Clermont
Genève
Belzano
Budapest
Debrecen
Podolsk
Umea
Dnyepropetrovsk
Mariopol
Kherson
Odessa
Jasi
Brasov
Sibiu
Tegucci
Ruckarest
Constanta
Sulina
Tarkhankut
Yalta
Feodosia
Novorossisk
Sochi
Sukhumi
Poti
Batumi
Trabzon
Sinop
Zonguldak
Istanbul
Ankara
Sivas
Erzurum
Van
Diyarbakir
Malatya
Kayseri
Konya
Izmir
Bodrum
Antalya
Rhodes
Athens
Salonika
Sofia
Skoplje
Brindisi
Naples
Palermo
Messina
Malta
Tripoli
Benghazi
Sirte
Tobruk
Alexandria
Port Said
Lydda
Amman
Beirut
Damascus
Haifa
Aleppo
Latakia
Nicosia
Paphos
Limassol
Palmyra
Ratbeh
Hubbaniya
Baghdad
Kutalha
Basra
Shuaiba
Diwaniya
Nasiriya
Khanaqin
Kirkuk
Mosul
Deir el Zor
Hurghada
Qena
Luxor
Aswan
Deadles
Port Sudan
Tokar
Massawa
Asmara
Kassala
Khartoum
Wadi Halfa
Kareima
Atbara
Shendi
Gedaref
Gallabat
Addis Abbaba
Jibouti
Dessie
Asosa
Kamaron
Geneina
Zalingei
El Fasher
Nyala
El Nahud
Obeid
El Duein
Kosti
Sinja
Renk
Roseires
Kadugli
Kurmuk
Malakal
Nasser
Bambella
Akobo
Shambe
Ruweik
Ber
Kapoeta
Torit
Jedda
Mecca
Yanbo
Medina
Qeneir
Hail
Asir Sulman
Mukhalb
Aden
Mogadishu
Kismayu
Lamu
Mombasa
Tanga
Dar es Salam
Tabora
Mwanza
Kampala
Entebbe
Nairobi
Eldoret
Kisumu
Gondar
Addis Abbaba
Dire Dawa
Harar
Jimma
Gore
Mekanch-kala
Derbent
Tbilisa
Kirovabad
Astara
Baku
Erevan
Kutaisi
Tiflis
Sukhumi
Novorossisk
Rostov
Voroshilovgrad
Stalino
Kiev
Moscow
Gorkiy
Kazan
Astrakhan
Saratov
Kuibyshev
Sverdlovsk
Tashkent
Alma Ata
Frunze
Tashkent
Samarkand
Bukhara
Ashkhabad
Tashauz
Kizil Arvat
Krasnovodsk
Mashhad
Tehran
Isfahan
Shiraz
Bushire
Abadan
Basra
Baghdad
Mosul
Kirkuk
Erbil
Tabriz
Rasht
Bandar Abbas
Zahedan
Quetta
Karachi
Jacobabad
Sukkur
Multan
Lahore
Peshawar
Srinagar
Leh
Jammu
Simla
Amritsar
Delhi
Jodhpur
Ahmedabad
Bombay
Poona
Nagpur
Jabalpur
Allahabad
Lucknow
Cawnpore
Agra
Mathura
Bhopal
Indore
Ujjain
Kota
Jaipur
Ajmer
Bikaner
Jaisalmer
Quetta
Kalat
Pasni
Gwadar
Jiwani
Turbat
Panjgur
Nushki
Sibi
Dalbandin
Khuzdar
Lasbela
Karachi
Hyderabad

Time of Sunrise 03 05 G.M.T.
" " Sunset 16 38 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: TUESDAY 10th MAY, 1949

At 1200 on MON. 9th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM	360	18	7	02	2	8	Ac,Cu	9.9	21	74	16
	62303	SÎDI BARÂNI	320	10	50	03	2	7	Sc,Ac	10.4	19	88	17
	62306	MATRÛH	340	16	12	02	2	7	Sc	10.4	22	69	16
	62309	EL DABA'	320	26		01	1	6	Cu		21	83	18
		ALEXANDRIA	00	0		02	2	8	St,Ac	8.7	29	40	14
	62318	FOUAD (Airport)	250	11	18	02	2	8	Ac	8.8	30	49	18
	62330	DAMIETTA	110	2	15	09	2	8	As	8.3	30	59	21
	62333	PORT SA'ID	40	9	18	02	2	7	Ac	8.5	24	84	21
	62336	EL 'ARISH	20	9		03	2	7	Cu	9.0	28	45	15
Lower Egypt	62339	DAMANHUR	180	5	7	02	2	8	Cu	8.7	35	32	16
	62342	MANSURA	140	2	35	03	2	8	Ac	8.2	37	22	12
	62348	TANTA	130	2	35	03	2	8	Cu	9.1	37	27	15
	62354	ZAGAZIG	40	2	7	02	2	8	As	8.6	37	27	15
	62441	ISMA'ILIA	20	2	7	02	2	8	As	7.6	40	10	2
Cairo Area	62366	FAROUK (Airport)	360	16	15	02	2	8	Ac	6.7	36	11	1
	62372	ALMAZA											
		EZBEKIYA	360	4	15	03	0	8	As	7.6	35	19	8
		GIZA	360	4	15	03	0	8	As	7.6	35	17	6
	62378	HELWÂN	360	11	15	03	2	8	Ac	6.4	39	8	-1
Upper Egypt	62381	FAIYÛM	330	4	35	02	2	8	Ci	6.0	40	10	2
	62387	MINYA	00	0	12	02	2	7	Ac,Ci	4.3	41	14	8
	62393	ASYÛT MANQABÂD	130	9	30	03	1	8	As	2.8	41	10	4
	62399	NAG' HAMMADI	00	0	15	02	2	8	Ac	3.6	40	19	12
	62402	QENA											
	62405	LUXOR	220	4	30	03	2	5	Sc,Ac	3.1	45	16	13
	62414	ASWÂN	180	2	50	02	1	8	Ac	3.6	45	13	10
Oases	62417	SÎWA	00	0	35	00	0	0	—	8.4	39	30	18
	62420	BAHARÎYA	360	6	35	02	2	7	Ac	6.2	37	11	2
	62423	FARAFRA											
	62432	DAKHLA	250	3	35	00	0	7	Fc,Fs	1.5	44	9	4
	62435	KHARGA	180	6	15	02	2	7		3.6	44	14	11
Red Sea	62450	SUEZ	00	0	35	03	0	6	Cu	5.4	39	24	15
	62459	TÛR	20	2	35	00	0	0	—	7.6	32	43	18
	62462	HURGHÂDA	40	2		02	2	5	Ac,Ci	8.0	30	55	20
	62465	QUSEIR	360	5	15	03	2	6	Cs	8.0	30	46	17
	62641	PORT SUDÂN	90	8	30	00	0	0	—	6.8	33	44	19
North Sûdân	62600	WÂDI HALFA	150	9	10	07	0	2	Ci	1.5	45	5	-4
	62640	ABU HAMAD	110	13	30	00	0	0	—	0.0	44	6	-2
	62660	KAREIMA	80	9	10	00	0	0	—	99.8	43	12	7
	62680	'ATBARA	70	5	10	00	0	0	—	98.8	43	5	-5
	62721	KHARTÛM	70	6	30	02	0	0	—	98.8	42	3	-11
	62730	KASSALA	130	2	30	00	0	0	—	96.5	45	12	9
Central Sûdân	62751	WÂD MEDANI	100	5	35	00	0	0	—	98.0	42	6	-4
	62801	RENK	230	9	50	01	1	6	Cu	00.0	42	24	17
	62802	ROSEIRES	100	1	35	00	0	0	—				
	62771	EL OBEID	340	7	30	00	0	0	—	98.8	41	7	-2
	62760	EL FÂSHER	10	10	50	31	4		Ci		41	4	-8
	62770	GENEINA	270	9	50	01	0	0	—		41	6	-3
S. Sûdân	62840	MALAKÂL	220	4	30	03	1	5	Cu	0.5	39	23	14
	62880	WÂU	00	0	30	02	1	5	Sc	94.8	39	26	16
	62941	JUBA	200	5	30	25	5	7	Cu,Ac	2.9	32	41	17

At 1800 on MON. 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	270	5	7	01	2	2	Ac	11.2	18	88	16	0
SÎDI BARÂNI	00	0		03	2	6	As	11.2	17	95	17	0
MATRÛH	350	10	10	02	2	8	Sc	10.9	18	88	16	0
EL DABA'						4	Cu					
ALEXANDRIA	180	3	7	01	5	6	Ac,Cs	10.4	21	74	16	dr.
FOUAD (Airport)	110	8	15	01	2	6	Ac,Cs	8.2	21	83	18	0
DAMIETTA	140	2		02	2	8	As	9.9	25	70	19	0
PORT SA'ID	80	4	14	02	2	8	Ac		25	61	17	0
EL 'ARISH			35	02	2	7	Cu	9.8	24	61	16	0
DAMANHUR	230	5	15	02	2	8	As	8.6	23	50	12	0
MANSURA	70	2	3	03	2	8	Ac	9.0	28	52	17	0
TANTA	130	2		03	2	8	As	9.1	29	40	14	0
ZAGAZIG	360	2	3	02	2	8	As	9.3	29	46	16	0
ISMA'ILIA	20	2	7	02	2	8	As	8.6	31	22	7	0
FAROUK (Airport)	340	11	8	05	2	8	Ac	8.7	32	26	10	0
ALMAZA												
EZBEKIYA	90	10	15	00	0	8	As	7.5	31	31	12	dr.
GIZA	90	10	15	00	0	8	As	8.4	32	23	8	0
HELWÂN	360	8	15	02	2	8	Ac	8.3	33	16	4	0
FAIYÛM	330	4	35	02	2	8	Ci	6.8	33	16	4	0
MINYA	20	13	8	02	2	6	Ci	5.0	34	18	6	0
ASYÛT MANQABÂD												
NAG' HAMMADI	00	0	3	01	1	4	Ac	3.0	33	21	8	0
QENA	130	2	7	02	1	7	Ac	5.0	34	22	9	0
LUXOR	00	0	12	02	2	5	Ac	3.9	37	22	12	0
ASWÂN	90	3	50	02	1	6	Sc,Cu	3.1	39	11	3	0
SÎWA	40	17	7	00	0	0	—	8.6	31	49	19	0
BAHARÎYA	360	2	15	02	2	7	Ac	5.9	33	16	4	0
FARAFRA												
DAKHLA	180	18	15	07	3	6	Fc,Fs,As		37	12	2	0
KHARGA	360	3	15	01	1	3	As	2.4	37	20	11	0
SUEZ	360	3	15	01	0	3	Cu	7.8	33	34	15	0
TÛR	310	4	15	00	0	0	—	9.1	27	62	19	0
HURGHÂDA	90	9		02	2	8	As,Cs	6.8	27	70	21	0
QUSEIR	20	5	15	01	2	5	Cs	7.5	27	62	19	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on TUESDAY 10th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	320	13	7	01	2	4	Ac	14.0		19	23		14		78	15	0		
SÎDI BARÂNI	330	8		03	2	8	Cu,Sc	13.5		18	20		15		88	16	0	276	
MATRÛH	10	17	12	02	2	8	Sc,Ac,Cs	13.4		18	22		16		83	15	0		
EL DABA'	320	20		01	1	6	Cu	12.8		20	27		16		83	17	0		
ALEXANDRIA	310	4	50	03	2	6	Cu,Ac	11.6	-2.4	21	30	+4	18	+1	83	18	dr.	267	185
FOUAD (Airport)	360	12	18	02	2	7	Ac,Ci	10.7		21	30		18		74	10	0	265	138
DAMIETTA	320	2		02	2	8	Ac	9.9	-3.7	25	31		20		74	20	0	318	104
PORT SA'ID	340	10	18	03	1	7	Cs	9.9		25	25		22		74	20	0	70	
EL 'ARISH			35	01	1	5	Cu	8.7	-4.9	27	31	+5	22	+8	42	13	0		92
DAMANHUR	40	13	7	02	2	7	As	10.3	-3.5	24	36	+7	18	+3	74	19	0	102	100
MANSURA	360	2	35	02	1	6	Ac	9.5	-4.2	26	38	+7	20	+5	62	18	0	49	53
TANTA	40	5	35	01	2	6	Cu	9.4	-4.6	25	37	+6	16	+2	61	17	0	34	42
ZAGAZIG	40	5	7	02	2	8	Cu	9.9	-4.1	25	37	+6	19	+5	70	19	0	21	26
ISMA'ILIA	340	2	3	02	2	8	As	9.9		28	41		22		33	10		14	
FAROUK (Airport)	90	8	12	02	2	8	As,Cs	10.2		24	39		21		65	17	dr.		
ALMAZA	90	9	13	02	2	8	Ac,Ci	10.1	-3.3	24			20		65	17	0		
EZBEKIYA	360	6	15	00	0	5	Cs	9.8	-3.6	25	37	+5	20	+4	61	17	dr.	8	25
GIZA	360	6	15	00	0	5	Cs	9.9	-3.5	25	37	+5	20	+6	55	15	0	16	25
HELWÂN	20	9	15	00	5	7	Ac,Ci	9.2	-4.0	26	40	+8	20	+3	42	12	dr.	16	28
FAIYÛM	20	4	35	02	2	8	Ac	9.8	-3.3	25	41	+8	22	+6	39	10	0	6	8
MINYA	20	14	10	02	2	8	Ac,Ci	8.2		30	42		23		33	12	0	5	
ASYÛT MANQABÂD	360	6	18	00	0	6	Cs	7.9		30	42		24		22	6	0	0	
NAG' HAMMADI	00	0	3	03	2	6	Ci	7.1	-4.3	32	40		23		38	16	0	0	
QENA	20	5	35	01	1	3	Ci	7.8	-3.0	33	42	+4	24	+4	24	10	0	dr.	
LUXOR	20	6	30	03	1	1	Cu	7.4		36	45		24		27	14	0	dr.	
ASWÂN	00	0	50	00	0	0	—	6.7	-4.2	34	46	+8	27	+4	25	11	0	dr.	
SÎWA											41	+8						dr.	8
BAHARÎYA	360	5	35	02	2	8	Ac			26	38	+4	23	+7	42	12	0	dr.	7
FARAFRA																		dr.	
DAKHLA	340	10	35	00	0	6	Fc,Fs,As	5.9	-6.5	32	44	+7	28	+10	10	-3	0	dr.	
KHARGA	00	0	15	01	2	5	As	5.0	-6.5								0	0	
SUEZ	360	3	35	00	0	6	Cu	8.8	-4.1	30	40	+8	21	+3	46	17	0	12	16
TÛR	180	3	35	00	0	0	—	9.6	-1.3	30	33	+3	23	+3	46	17	0	dr.	13
HURGHADA	280	5		03	0	5	Ac	8.9		29	31		20		46	16	0	7	
QUSEIR	360	5	15	02	0	0	—	9.9	-1.0	31	30	0	23	0	52	20	0	0	4
PORT SUDÂN	60	4	11	10	2	1	Cu,Ci	9.6		31	35		27		79	27	0	34	96
WÂDI HALFA	130	3	10	05	0	0	—	5.0		33	47		27				0	4.	
ABU HAMAD						0	—	3.6		35	45		27		22	10	0		
KAREIMA	70	3	30	00	0	0	—	3.8		34	44		29		30	14	0	3	1
'ATBARA	90	9	10	05	0	0	—	3.7		34	44		26		30	14	0	7	5
KHARTÛM	70	12	4	05	0	0	—	2.1		35	44		28		25	12	0	10	6
KASSALA		19			0	0	—	1.4		35	44				30	15	0	16	16
WÂD MEDANI	230	9	50	00	0	0	—	2.4		34	44		24		20	8	0	11	17
RENK	230	9	50	00	0	0	—			33	42		26		41	18	0	0	64
ROSEIRES	180	9	35	00	0	0	—			33	43		29		36	16	0	3	70
EL OBEID	210	13	30	00	0	0	—	3.0		33					32	14	0	11	23
EL FÂSHER	160	5	30	00	0	0	—			28	42		20		14	-2	0	1	9
GENEINA	00	0	30	00	0	2	Cs			26	42		21		35	9	0	4.	12
MALAKÂL	180	13	30	01	1	1	Ac	5.4		32	41		27		38	16	0	127	142
WÂU	180	1	12	02	1	7		6.4		27	41		24		66	20	0	295	273
JUBA	180	5	30	03	2	8	Ac,Cs	6.8		28	36		24		58	19	dr.	220	355

HUMIDITY

Mean of day %

Station	on 9th	Diff. from normal
Alexandria	59	-11
Ezbekiya	38	-12
Giza	35	-16
Helwân	27	-11

GIZA
GRASS MINIMUM TEMP.
ON 10th 19.0 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — Farouk AIRPORT — On 10th At 3

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	21			300	12
950					
900					
850	1492	22	25	340	10
800					
700	3141	9	40		
600					
500					
400		-25			
300					

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

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

UPPER WIND OBSERVATIONS on 9th

Height m.	Matruh Dir.	Matruh Vel.			Fouad R.P. Dir.	Fouad R.P. Vel.			Minya Dir.	Minya Vel.														
Time	14				15				15															
300	320	13			220	16			360	23														
600					210	16			350	27														
1000					200	23			360	23														
1500					200	18			360	43														
2000					230	19			350	36														
3000					240	25																		
4000					250	27																		
5000					250	27																		
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 10th

Height m.	Sidi Barani Dir.	Sidi Barani Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Sa'id Dir.	Port Sa'id Vel.	~~Helwan~~ Dir.	~~Helwan~~ Vel.	~~Helwan~~ Dir.	~~Helwan~~ Vel.	Minya Dir.	Minya Vel.	Asyût Manqabad Dir.	Asyût Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Farouk Dir.	Farouk Vel.
Time	5		5	15	4		4		6	45			3		8	30	5	45	5		9		3	
300	340	17	350	15	320	9	110	17	320	6			360	31	350	13	60	11	90	6	90	19	270	10
600			350	15	300	7	130	10	130	10			360	57	10	8	180	11	130	17	120	9	320	6
1000					260	9	220	5	210	13			360	59	20	5	140	12	160	16	150	10	320	12
1500					280	11	220	10	210	17			20	45	10	14	160	19	150	23	110	9	340	10
2000					230	16	250	16							50	9			140	11				
3000					220	22									150	12								
4000															180	13								
5000																								
6000																								
7000																								
8000																								

Height m.	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time	4	45	5		5		4						4	15							4	30		
300	360	6	20	30	350	17	60	9																
600	10	4	20	38	350	25	90	6					90	23										
1000	350	9	350	23	340	22															360	6		
1500	280	13	340	36	340	50							100	21							90	15		
2000													70	22										
3000													30	16							90	13		
4000																								
5000																								
6000																								
7000																								
8000																								

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

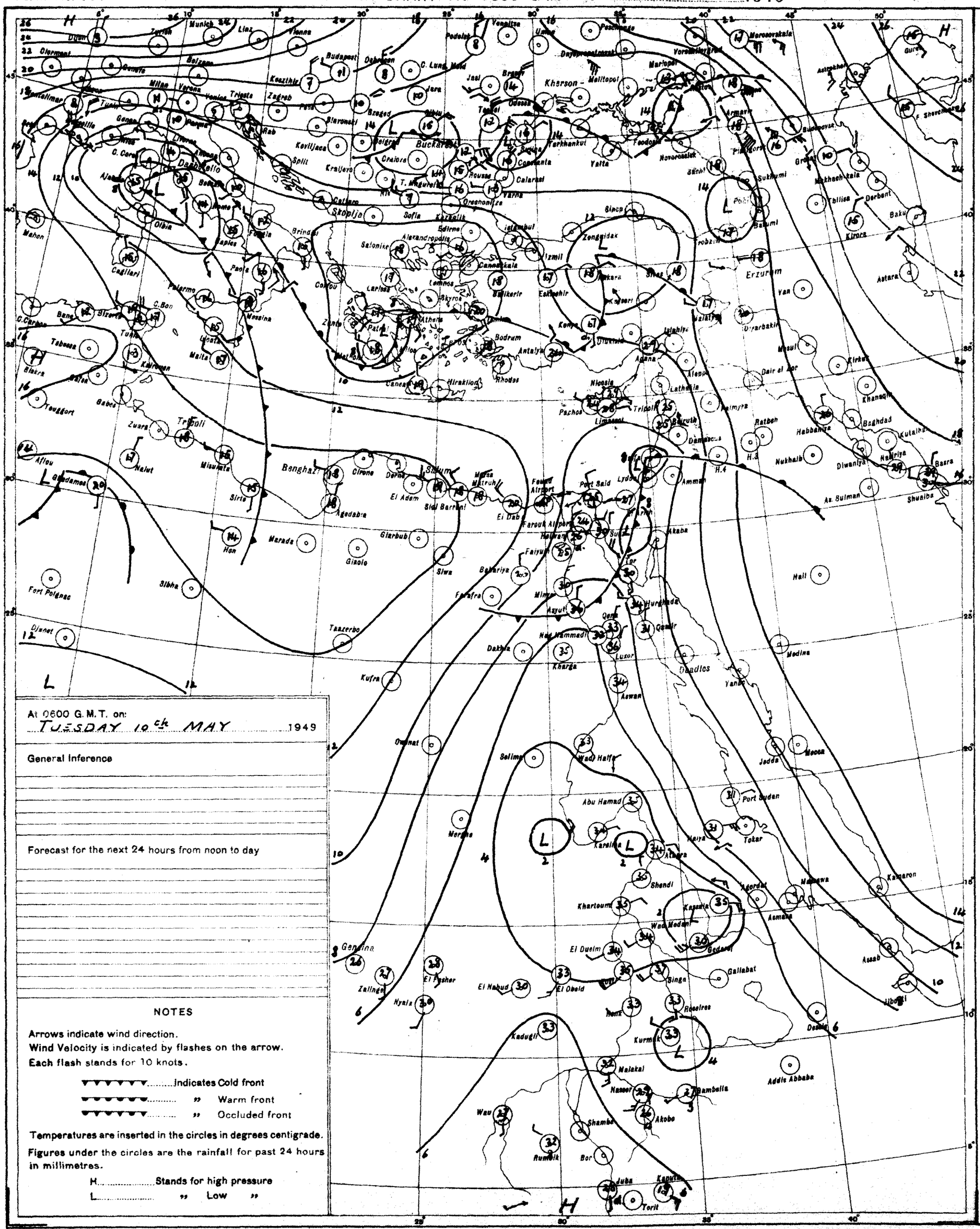
Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

F.G.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 10 - 5 - 1949


Munich
Linz
Vienna
Budapest
Debrecen
C. Lung
Jasi
Braila
Kherson
Melitopol
Odessa
Tarkhankut
Yalta
Feodosia
Novorossiysk
Sochi
Sukhumi
Batumi
Tbilisi
Derbent
Baku
Kirovo
Erzurum
Van
Astara
Mosul
Kirkuk
Baghdad
Kutaiba
Basra
Shuaiba
Diwaniya
Nasiriya
Habbaniya
Nukhaib
Ratbeh
Palmyra
Dair el Zor
Aleppo
Latakia
Beirut
Damascus
Amman
Lydda
Port Said
Farouk Airport
Helwan
Suez
Tor
Akaba
Faiyum
Beni Suef
Minya
Asyut
Qena
Luxor
Aswan
Hurghada
Qamir
Dongola
Wadi Halfa
Abu Hamad
Port Sudan
Tokar
Kassala
Atbara
Shendi
Khartoum
Wad Medani
Gedaref
El Obeid
El Fasher
El Nahud
Nyala
Zalingei
Geneina
Singa
Gallabat
Roseires
Kurmuk
Malakal
Nasser
Bambelia
Akobo
Shambe
Bor
Rumbek
Wau
Juba
Kapoeta
Torit
Addis Ababa
Desse
Asab
Massawa
Asmara
Kassala
Jedda
Mecca
Medina
Yanbo
Qadies
Hail
Kufra
Dakhla
Kharga
Siwa
Bahariya
Farafra
Sirte
Misurata
Tripoli
Benghazi
Cirene
Derna
El Adem
Sidi Barrani
Marsa Matruh
El Daba
Agedabia
Giarbub
Giaole
Marada
Hon
Sebha
Fort Polignac
Tazerbo
Djanet
Ghadames
Nalut
Aflou
Tougourt
Biskra
Tebessa
Gafsa
Kairouan
Sfax
Gabes
Zuara
Malta
Lampedusa
Pantelleria
Tunis
Bizerte
Cagliari
Palermo
Messina
Naples
Foggia
Brindisi
Bari
Olbia
Mahon
Ajaccio
Bastia
Genoa
Milan
Verona
Venice
Trieste
Zagreb
Split
Kraljevo
Skoplje
Sofia
Kazanlik
Edirne
Istanbul
Izmit
Eskisehir
Ankara
Kayseri
Sinop
Zonguldak
Samsun
Trabzon
Erzurum
Van
Diyarbakir
Adana
Konya
Antalya
Bodrum
Rhodes
Iraklion
Canea
Nicosia
Paphos
Limassol
Salonika
Alexandropolis
Lemnos
Skyros
Larissa
Volos
Athens
Patras
Corfu
Brindisi
Bologna
Venice
Milan
Genoa
Nice
Marseille
Perpignan
Barcelona
Palma
Valencia
Madrid
Lisbon
Porto
Coimbra
Santander
Bordeaux
Brest
Cherbourg
Le Havre
Paris
London
Dublin
Reykjavik
Oslo
Stockholm
Helsinki
Leningrad
Moscow
Kiev
Odessa
Bucharest
Craiova
Constanta
Galati
Cluj
Budapest
Belgrade
Zagreb
Vienna
Munich
Zurich
Lyon
Clermont
Dijon

CAIRO

Time of Sunrise 03 05 G. M. T.

" " Sunset 16 38 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: WEDNESDAY 11th MAY, 1949

At 1200 on Tues. 10th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALÛM											
	62303	SÎDI BARÂNI											
	62306	MATRÛH											
	62309	EL DABA	320	21		01	1	6	Cu		20	73	15
		ALEXANDRIA	310	13	50	02	2		Cu, Ac	11.8	21	83	18
	62318	FOUAD (Airport)	330	12	12	02	2	4	As, Cu	12.1	22	83	19
	62330	DAMIETTA	20	2	15	03	2	8	As	10.3	27	70	21
	62333	PORT SA'ID	40	4	14	02	2	8	As	10.1	24	79	20
	62336	EL 'ARISH	320	3	35	03	2	8	Cu	9.4	27	96	24
Lower Egypt	62339	DAMANHUR	40	5	15	01	2	7	As	11.5	28	58	19
	62342	MANSURA	300	5	15	03	2	8	Sc, Cu	10.2	31	43	17
	62348	TANTA	310	5	35	03	2	8	As	10.1	31	38	15
	62354	ZAGAZIG	220	5	7	02	2	8	As	9.8	32	56	22
	62441	ISMA'ILIA	290	9	3	02	2	8	As	9.5	33	30	13
Cairo Area	62366	FAROUK (Airport)	20	5	12	02	2	8	Sc, Ac	10.4	30	38	14
	62372	ALMAZA	290	5	13	02	2	8	As	9.3	31	43	17
		EZBEKIYA	360	3	15	00	0	8	As	9.4	31	43	17
		GÎZA	360	3	15	00	0	8	As	9.9	31	35	14
	62378	HELWÂN	320	18	7	09	3	8	As	8.8	34	18	6
Upper Egypt	62381	FAIYÛM	00	0	35	02	2	8	Ac	9.4	31	38	15
	62387	MINYA	30	12	14	01	2	6	Ac, Ci	8.2	38	21	12
	62393	ASYÛT MANQABAD	360	8	30	02	1	5	Ci	5.7	42	17	12
	62399	NAG' HAMMÂDI	00	0	7	01	0	2	Ci	5.5	42	15	10
	62402	QENA	110	5	50	02	1	3	Ci	5.6	44	13	10
	62405	LUXOR	120	10	30	01	0	1		3.5	46	22	19
	62414	ASWÂN	180	1	50	01	1	3	As	2.4	45	13	10
Oases	62417	SÎWA	40	13	35	01	1	6	As	12.7	31	52	20
	62420	BAHARÎYA	270	4	35	02	2	8	Ac	7.9	35	15	5
	62423	FARAFRA	340	10	15	02	2	8	Ac	11.2	37	14	6
	62432	DAKHLA	360	22	3	07	3	0	—		43	5	-4
	62435	KHARGA	00	0	35	01	1	2	Ci	5.4	43	18	14
Red Sea	62450	SUEZ	360	5	35	02	0	6	Cu	7.6	32	49	20
	62459	TÛR	310	2	35	00	0	0	—	9.5	30	59	21
	62462	HURGHÂDA	60	5		02	1	4	Sc	9.3	32	56	22
	62465	QUSEIR	70	5	15	02	0	0	—	9.6	29	70	23
	62641	PORT SÛDÂN	70	10	10	00	0	0	—	7.0	32	66	25
North Sudan	62600	WÂDI HALFA	130	20	2	07	0	0	—	1.2	45	10	7
	62640	ABU HAMAD	160	13	10	03	3	0	—	99.8	42	11	5
	62660	KAREIMA	180	9	10	00	0	0	—	98.4	45	13	10
	62680	'ATBARA	70	5	10	05	0	0	—	98.2	43	12	7
	62721	KHARTÛM											
	62730	KASSALA											
Central Sudan	62751	WÂD MEDANI	230	13	35	01	3	4	Cu	99.9	43	9	4
	62801	RENK											
	62802	ROSEIRES	230	5	50	00	0	0	—		41	11	5
	62771	EL OBEID	220	12	30	02	1	6	Cu, Sc	99.3	39	21	13
	62760	EL FÂSHER	140	9	30	00	0	0	—		42	17	12
	62770	GENEINA	230	10	30	01	1	3			37	20	11
S. Sudan	62840	MALAKÂL	180	14	30	01	1	4	Cu, Ac	2.0	39	23	14
	62880	WÂU	160	7	30	02	1	8	Cu, Cs	4.0	35	39	19
	62941	JUBA	90	2	30	15	2	7	Cu, Cs	2.1	37	29	16

At 1800 on Tues. 10th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
62300	SALÛM	40	5		01	2	3	Ac	14.2	18	88	16	0
62303	SÎDI BARÂNI	360	5	7	01	2	1	Ac	14.6	17	82	15	0
62306	MATRÛH	30	3	12	02	2	7	Sc	13.2	18	88	16	0.1
62309	EL DABA	320	20		01	1	4	Cu		19	73	14	0
	ALEXANDRIA	90	9	7	02	5	6	Cu, Ac	13.8	20	83	17	dr.
62318	FOUAD (Airport)	360	17	10	02	2	8	Ac		20	83	17	0
62330	DAMIETTA	330	22	12	02	5	8	Ac	13.6	23	74	18	dr.
62333	PORT SA'ID	330	22	35	02	2	7	Cu	13.4	24	61	16	0
62336	EL 'ARISH	40	9	15	03	5	8	Sc	12.6	20	88	18	dr.
62339	DAMANHUR	40	9	3	03	2	8	Sc, Cu	12.0	25	54	15	0
62342	MANSURA	20	2	3	03	2	8	As	12.3	27	41	13	0
62348	TANTA	270	13	35	02	2	8	Cu	12.6	24	54	14	0
62354	ZAGAZIG	40	9	3	02	2	8	As	12.4	23	74	18	0
62441	ISMA'ILIA	340	9	3	02	2	8	As	12.4	25	61	17	0
62366	FAROUK (Airport)	70	10	14	02	2	8	Sc	13.2	25	61	17	0
62372	ALMAZA												
	EZBEKIYA	40	10	15	00	0	8	As	12.2	25	61	17	0
	GÎZA	40	10	15	00	0	8	As	12.3	27	41	13	0
62378	HELWÂN	20	18	7	02	2	7	Ac	11.6	27	42	13	0
62381	FAIYÛM	20	17	7	07	3	8	Ac	10.7	26	55	16	0
62387	MINYA	40	17	10	02	2	8	Ac	9.8	29	35	12	0
62393	ASYÛT MANQABAD												
62399	NAG' HAMMÂDI	00	0	3	00	0	4	Ac	5.6	36	25	13	0
62402	QENA	110	9	7	13	1	6	Ac	7.2	37	18	9	0
62405	LUXOR	90	15	12	13	2	6	Sc	6.8	37	32	18	0
62414	ASWÂN	180	8	50	13	1	4	Cu	4.3	39	11	3	0
62417	SÎWA	40	6	7	17	2	6	Cb	12.0	31	46	18	0
62420	BAHARÎYA	300	4	15	02	2	8	Ac	9.8	27	42	13	0
62423	FARAFRA	40	2	15	02	2	8	Ac	9.1	30	31	11	0
62432	DAKHLA	20	22	3	07	3	0	—		37	8	-3	0
62435	KHARGA	300	17	3	07	3	0	—	6.0	36	27	14	0
62450	SUEZ	360	10	7	03	0	7	Cu	11.4	29	59	20	0
62459	TÛR	180	2	15	00	0	0	—	10.2	27	52	16	0
62462	HURGHÂDA	170	8		03	2	7	Cs	9.3	29	62	21	0
62465	QUSEIR	140	5	15	02	0	0	—	9.5	27	70	21	0
62641	PORT SÛDÂN												
62600	WÂDI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	'ATBARA												
62721	KHARTÛM												
62730	KASSALA												
62751	WÂD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID												
62760	EL FÂSHER												
62770	GENEINA												
62840	MALAKÂL												
62880	WÂU												
62941	JUBA												

At 0600 on WEDNESDAY 11th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.	Station
62300	SALÛM	40	2	7	00	2	7	Ac	16.6		19	22		15		83	16	0			SALUM
62303	SÎDI BARÂNI	10	4		03	1	6	Cu, Ac	17.5		18	20		12		88	16	0	276		SÎDI BARÂNI
62306	MATRÛH	10	6	12	02	2	6	Sc	16.0		19	21		16		83	16	0.2			MATRÛH
62309	EL DABA	320	21		01	1	6	Cu			20	23		17		83	17	0			EL DABA
	ALEXANDRIA	40	19	15	02	5	8	Cb, Ac	14.3	+0.3	20	24	-2	19	+2	83	17	dr.	267	185	ALEXANDRIA
62318	FOUAD (Airport)	30	16	10	02	2	8	Ac	14.7		20	24		18		83	17	dr.	205	138	FOUAD (Airport)
62330	DAMIETTA	20	5		12	2	8	Ac	15.2	+1.7	22	29		19		88	20	0	318	104	DAMIETTA
62333	PORT SA'ID	20	15	15	02	6	8	Ac	15.4		23	27		22		83	20	dr.	70		PORT SA'ID
62336	EL 'ARISH			25	02	2	8	Cu	14.8	+1.3	24	28	+2	21	+6	69	18	0		92	EL 'ARISH
62339	DAMANHUR	40	19	7	02	2	7	Ac	15.2	+1.4	23	29	-1	19	+4	65	16	dr.	102	100	DAMANHUR
62342	MANSURA	360	2	7	03	1	8	Sc, Cu	15.4	+1.7	22	34	+3	21	+6	83	19	0	49	53	MANSÛRA
62348	TANTA	310	18	35	02	2	8	Cu	16.0	+2.0	22	32	0	18	+4	70	17	0	34	42	TANTA
62354	ZAGAZIG	40	9	7	02	2	8	As	15.0	+1.1	24	34	+2	21	+7	69	18	0	21	26	ZAGAZIG
62441	ISMA'ILIA	320	2	3	02	2	8	As	14.2		25	34		23		70	19	0	14		ISMA'ILIA
62366	FAROUK (Airport)	350	12	12	01	2	6	Ac	14.1		28	32		23		45	15	dr.			FAROUK (Airport)
62372	ALMAZA	300	7	12	02	2	8	Ac	14.1	+0.5	28			23		49	16	dr.			ALMAZA
	EZBEKIYA	360	1	15	01	0	6	Fs, Fc, Ac	14.0	+0.6	25	33	+1	22	+6	61	17	0	8	25	EZBEKIYA
	GÎZA	360	1	15	01	0	6	Fs, Fc, Ac	14.2	+0.8	24	34	+2	22	+8	67	18	dr.	16	25	GÎZA
62378	HELWÂN	320	11	7	00	2	7	Cc	14.0	+0.8	26	36	+4	22	+5	48	14	0	16	28	HELWÂN
62381	FAIYÛM	20	4	35	02	2	8	Sc	12.7	-0.3	30	32	-2	23	+1	31	11	0	6	8	FAIYÛM
62387	MINYA	00	0	10	02	2	8	Ac, Ci	13.5		27	38		24		42	13	0	5		MINYA
62393	ASYÛT MANQABAD	340	12	30		0	7	As	12.6		33	44		28		28	12	0	0		ASYÛT MANQABAD
62399	NAG' HAMMÂDI	00	0	3	01	0	4	Ci	10.3	-1.0	35	43		25		38	17	0	0		NAG' HAMMÂDI
62402	QENA	110	5	35	01	1	1	Ci	9.0	-1.8	33	46	+8	29	+9	30	13	0	dr.		QENA
62405	LUXOR	20	2	30	03	0	3	Cu, Cs	9.7		34	46		27		47	21	0	dr.		LUXOR
62414	ASWÂN	140	9	50	01	1	6	Sc, Cu	9.1	-1.7	35	47	+8	29	+6	37	18	0	dr.		ASWÂN
62417	SÎWA											33	0						dr.	8	SÎWA
62420	BAHARÎYA	360	9	35	02	2	8	Ac	13.3	-0.2	28	37	+3	22	+6	37	12	0	dr.	7	BAHARÎYA
62423	FARAFRA	360	4	15	02	2	8	Ac	11.2		29	38		25		35	12	0	dr.		FARAFRA
62432	DAKHLA	40	17	7	03	2	8	Ci	8.4	-4.0	35	43	+6	31	+12	8	-4	0	dr.		DAKHLA
62435	KHARGA	0	4	15	06	0	0	—	9.6	-1.9	33	46	+9	30		30	13	0	0		KHARGA
62450	SUEZ	00	0	35	00	2	8	Ac	14.8	+1.9	26	36	+4	20	+2	62	18	0	12	17	SUEZ
62459	TÛR	00	0	35	00	0	0	—	11.6	+0.7	27	35	+5	22	+2	55	17	0	dr.	13	TÛR
62462	HURGHÂDA	00	0		03	0	3	Ci	12.5		28	33		23		95	18	0	7		HURGHADA
62465	QUSEIR	20	5	15	00	1	4	—	12.0	+1.1	29	31	+1	25	+2	59	20	0	0	4	QUSEIR
62641	PORT SÛDÂN																		34	96	PORT SÛDÂN
62600	WÂDI HALFA	30	7	7	06	2	8	Ac	7.4		31	45		27		49	19	14	14		WÂDI HALFA
62640	ABU HAMAD	160	9	7	02	0	0	—	5.3		34	43		29		20	8	0	—		ABU HAMAD
62660	KAREIMA	360	4	2	05	0	0	—	4.7		35	44		32		30	15	0	3	1	KAREIMA
62680	'ATBARA	200	19		05	0	0	—	5.4		35	44		33		27	13	0	7	5	'ATBARA
62721	KHARTÛM	190	25	2	07	1	6	Ac	6.3		34	44		30		29	13	0	10	6	KHARTÛM
62730	KASSALA	180	13	30	01	1	6	Ac	7.8		32	48		29		36	15	0	16	16	KASSALA
62751	WÂD MEDANI	200	19	35	01	3	4	Cc	7.5		33	44		29		32	14	dr.	11	18	WÂD MEDANI
62801	RENK	180	3	50	01	2	5	Ci			37	42		23		19	10	0	0	65	RENK
62802	ROSEIRES																	3	8	72	ROSEIRES
62771	EL OBEID	210	16	10	01	2	6	Ac	4.5		33	41		27		36	16	dr.	11	23	EL OBEID
62760	EL FÂSHER	180	14	30	01	0	5	Ci			29	42		25		43	15	0	1	10	EL FÂSHER
62770	GENEINA	230	11	30	02	1	8	Cs			28	39		25		52	17	dr.		12	GENEINA
62840	MALAKÂL	180	9	30	03	2	7	Sc, Ac	9.1		30	40		25		49	18	0	127	144	MALAKÂL
62880	WÂU	200	4	30	02	1	8	Ac	11.4		25	35		25		74	20	0	295	277	WÂU
62941	JUBA	00	0	30	03	2	8	Ac, Cs	11.3		27	38		23		70	21	0.4	220	360	JUBA

HUMIDITY

Mean of day %

Station	on 10th	Diff. from normal
Alexandria	82	+12
Ezbekiya	58	+8
Giza	45	-6
Helwân	39	+1

GÎZA

GRASS MINIMUM TEMP. ON 11th 20.7 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

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

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

Remarks

RAWINSONDE

Found AIRPORT — On 11th At 3

Pressure mbs.	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	105	26	42	100	15
950					
900					
850	1534	20	33	260	24
800					
700	3168	6	53	210	20
600		-4			
500	5825	-12		220	41
400		-24			
300					

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

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

UPPER WIND OBSERVATIONS on 10th

Height m.	Found A.P. Dir.	Vel.			P. Said Dir.	Vel.			Minya Dir.	Vel.		
Time	15				14				15			
300	300	10			220	5			360	31		
600	330	23			260	5			350	40		
1000	100	9							330	33		
1500	170	6							320	64		
2000	260	8										
3000	330	29										
4000												
5000												
6000												
7000												
8000												

UPPER WIND OBSERVATIONS on 11th

Station	Sîdi Barâni Time 5 Dir.	Vel.	Matrûh Time 4 Dir.	Vel.	Fouad Airport Time 4 Dir.	Vel.	Port Sa'id Time 3 Dir.	Vel.	Almaza Time 8 Dir.	Vel.	Helwân Time 7 Dir.	Vel.	Minya Time 3 Dir.	Vel.	Asyût Manqabad Time 8 Dir.	Vel.	Luxor Time 5 45 Dir.	Vel.	Aswân Time 5 Dir.	Vel.	Hurghada Time 9 Dir.	Vel.	Farouk Time 3 Dir.	Vel.
300	10	10	80	12	30	23	140	11	10	9	340	13	10	19	10	16	140	1	120	10	270	4	90	13
600	30	13	70	17	150	4	180	13	80	12	100	9	10	17	40	16	100	14	130	21	20	6	180	2
1000	20	8			160	7	190	16	90	16	100	10	20	19	50	16	140	21	140	24	50	13	230	9
1500	330	11			230	13	230	26	170	8	250	4	10	18	60	22	200	6	140	26	90	2	360	24
2000							240	38	180	13	200	8			100	15			140	32			260	23
3000									210	17	180	15			170	23							210	20
4000									220	16	210	26												
5000											240	31												
6000																								
7000																								
8000																								

Station	Sîwa Time 5 Dir.	Vel.	Bahariya Time 5 Dir.	Vel.	Dakhla Time 5 Dir.	Vel.	Kharga Time 4 Dir.	Vel.	Wâdi Halfa Time 4 Dir.	Vel.	Abû Hamad Dir.	Vel.	Kareima Dir.	Vel.	Khartûm Time 4 Dir.	Vel.	Kassala Time 4 Dir.	Vel.	El Obeid Time 3 30 Dir.	Vel.	El Fâsher Time 4 30 Dir.	Vel.	Malakâl Time 3 30 Dir.	Vel.
300	60	28	30	16	70	16	20	14	30	15														
600	70	23	60	16	70	33	50	19	70	11					180	19	180	17					270	11
1000	40	23	100	22	70	36	60	19	80	11					170	19	180	18	240	22	170	5	200	17
1500	20	18	150	20			150	23	80	9					160	23	100	39	250	12	200	16	200	25
2000	360	6	200	22			140	22	70	11					150	23	80	7					190	19
3000	220	10	220	31					80	17							70	5			280	6	190	10
4000	240	35																						
5000	230	45																						
6000																								
7000																								
8000																								

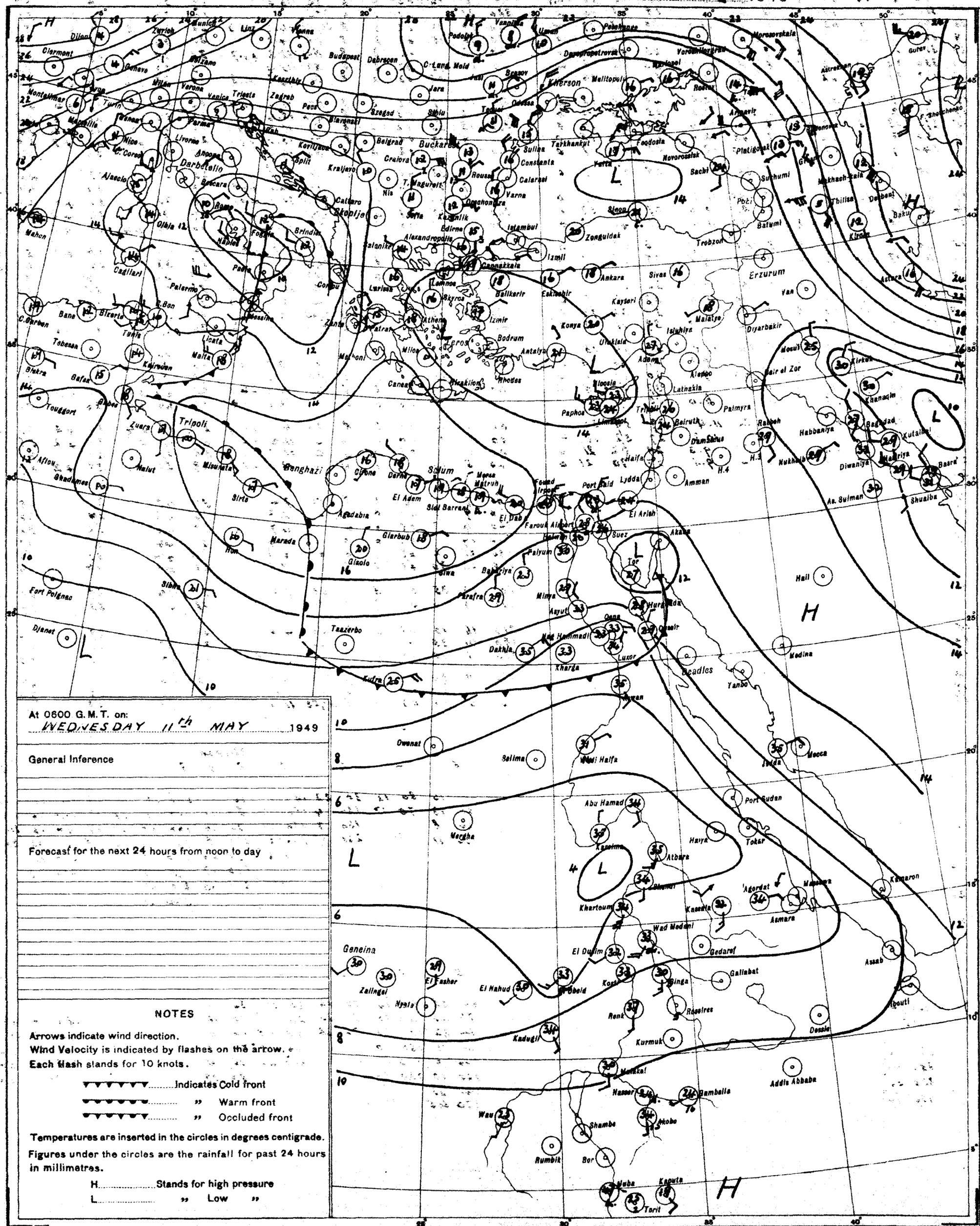
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

F.G.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 11 - 5 - 1949


Buckarest
Kherson
Erzurum
Tripoli
Benghazi
Salum
Khartoum
Geneina
Port Sudan
Asmara
Addis Abbaba
Mecca
Medina
Aden
Tokar
Gedaref
Wad Medani
Kassala
Kosti
Malakal
Wau
Juba
Kapoeta
Tarit
Rumbik
Bor
Shambe
Akobo
Gambella
Nasser
Kurmuk
Roseires
Renk
Kadugli
El Fasher
El Obeid
El Dueim
Zalingei
Nyala
Gallabat
Ginga
Dessie
Jibouti
Asaab
Massawa
Kamaron
Agordat
Atbara
Haiya
Kassala
Wad Halfa
Abu Hamad
Merowe
Dongola
Berber
Khartoum
Luxor
Aswan
Qena
Asyut
Minya
Beni Suef
Fayum
Cairo
Port Said
Suez
Ismailia
Tor
Akaba
Beadles
Yanbo
Medina
Mecca
Jidda
Port Sudan
Hail
Mosul
Kirkuk
Khanaqin
Baghdad
Kutaibat
Basra
Diwaniya
Shuaiba
Nukhaib
Rabbah
Habbaniya
Diyarbakir
Van
Malatya
Sivas
Ankara
Kayseri
Eskisehir
Konya
Izmir
Bodrum
Antalya
Rhodes
Nicosia
Paphos
Latakia
Aleppo
Palmyra
Beirut
Damascus
Haifa
Lydda
Amman
Ramleh
Trabzon
Batumi
Poti
Sukhumi
Tbilisi
Baku
Derbent
Astara
Kirovabad
Sachi
Novorossiysk
Feodosia
Platigorsk
Tarkhankut
Sulina
Constanta
Varna
Istanbul
Zonguldak
Izmit
Canakkale
Salonika
Lemnos
Skyros
Athens
Patras
Zante
Corfu
Brindisi
Naples
Rome
Palermo
Messina
Cagliari
Olbia
Ajaccio
Bastia
Livorno
Genoa
Nice
Marseille
Toulon
Perpignan
Barcelona
Valencia
Madrid
Lisbon
Gibraltar
Malta
Tunis
Bizerta
Algiers
Oran
Tangier
Casablanca
Rabat
Fez
Tlemcen
Biskra
Gafsa
Kairouan
Tobruk
Sirte
Misurata
Zuara
Malut
Marada
Giarbub
Siwa
Jalo
Kufra
Dakhla
Kharga
Taizerbo
Owenat
Selima
Mergha
Fort Polignac
Djanet
Aflou
Shadmes
Ifrane
Sidi Barrani
El Adem
Derna
Cirene
Agedabia
Mersa Matruh
El Daba
Farouk Airport
Helwan
Port Said
Lydda
Amman
Ramleh
Haifa
Beirut
Damascus
Palmyra
Latakia
Aleppo
Nicosia
Paphos
Limassol
Tripoli
Beirut
Rhodes
Heraklion
Canea
Malta
Tunis
Bizerta
Algiers
Oran
Tangier
Casablanca
Rabat
Fez
Tlemcen
Biskra
Gafsa
Kairouan
Touggort

CAIRO
Time of Sunrise 03 04 G.M.T.
" " Sunset 16 39 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: Thursday 12th May, 1949

At 1200 on Wed. 11th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALÛM	20	10	7	01	0	0	—	17.6	22	65	15
	62303	SÎDI BARÂNI	340	11		02	2	8	Cs	18.4	20	64	13
	62306	MATRÛH	20	8		02	1	3	Sc	18.0	21	74	16
	62309	EL DABA	40			01	1	6	Cu		21	83	18
		ALEXANDRIA	360	8	50	02	5	8	St	17.7	21	83	18
	62318	FOUAD (Airport)	290	16	15	03	2	8	Ac	17.7	21	83	18
	62330	DAMIETTA	340	5		03	2	8	As	14.3	25	83	22
	62333	PORT SA'ÎD	80	10	15	02	2	8	Ac	15.0	26	70	20
	62336	EL 'ARISH	40	3	35	02	2	8	Cu	14.8	27	52	16
Lower Egypt	62339	DAMANHÛR	360	9	15	02	2	8	As	17.2	28	45	15
	62342	MANSURA	20	5	15	03	2	8	Sc	14.7	32	38	16
	62348	TANTA	360	18	35	02	2	8	Cu	14.1	32	43	18
	62354	ZAGAZIG	40	9	15	01	2	6	As	13.9	33	38	17
	62441	ISMAÎLIA	40	2	3	02	2	8	As	13.9	31	38	15
Cairo Area	62366	FAROUK (Airport)											
	62372	ALMÂZA											
		EZBEKÎYA	360	5	15	00	0	6	Ac, Ci	12.8	35	34	17
		GÎZA	360	5	15	00	0	6	Ac, Ci	13.0	35	29	14
	62378	HELWÂN	140	3	15	02	2	7	Ac	12.6	37	22	12
Upper Egypt	62381	FAIYÛM	20	4	35	02	2	8	Ac	12.0	35	29	14
	62387	MINYA	00	0	10	02	5	7	Ac, Ci	10.6	38	21	12
	62393	ASYÛT MANQABAD	330	8	30	02	2	8	Cs	8.7	40	23	15
	62399	NAG' HAMMÂDI	00	0	7	02	2	8	Ac	8.3	39	34	20
	62402	QENA	130	2	50	03	1	6	Ac	8.3	41	26	18
	62405	LUXOR	360	8	30	03	2	7	Sc, Ci	6.7	42	27	19
	62414	ASWÂN	90	8	50	01	2	6	As	6.0	42	28	20
Oases	62417	SÎWA	40	11	35	03	1	6	Cb	15.2	30	46	17
	62420	BAHARÎYA	360	5	35	01	2	4	Ac	11.6	34	32	15
	62423	FARAFRA	360	7	15	02	1	4	Ac	10.2	36	25	13
	62432	DAKHLA	40	8	35	00	0	0	—	5.9?	41	20	14
	62435	KHARGA	300	1	15	00	0	0	—	8.2	41	23	16
Red Sea	62450	SUEZ	00	0	35	02	2	8	Ac	12.8	35	42	20
	62459	TÛR	340	11	35	02	0	7	Ci	10.3	29	52	18
	62462	HURGHÂDA	360	5		03	2	6	Ci	12.2	28	88	26
	62465	QUSEIR	40	5	15	03	2	6	Cs	12.2	30	79	26
	62641	PORT SUDÂN	40	10	30	03	0	1	Ac	8.8	33	63	25
North Sudan	62600	WÂDI HALFA	130	8	7	06	2	4	Ac	3.4	41	13	7
	62640	ABU HAMAD	160	5	7	05	0	2	Cu	1.4	43	10	5
	62660	KAREIMA	230	5		03	4	0	—	1.3	43	15	11
	62680	'ATBARA	230	2	15	06	0	0	—	2.4	42	19	14
	62721	KHARTÛM	230	10	7	05	1	2	Cu, Ac	2.7	40	17	11
	62730	KASSALA	250	2	30	03	1	5	Cu, Ac	3.7	40	20	15
Central Sudan	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID											
	62760	EL FÂSHER	180	9	30	14	1	6	Cb		40	23	15
	62770	GENEINA											
S. Sudan	62840	MALAKÂL	70	15	30	03	2	8	Sc, Ac	8.6	32	43	18
	62880	WÂU											
	62941	JUBA	290	9	30	03	2	8	Cu, Ac	6.3	34	39	18

At 1800 on Wed. 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	40	4	7	03	2	7	Ac	17.8	18	88	16	0
SÎDI BARÂNI	20	3	35	02	2	8	Cs	18.4	17	88	15	0
MATRÛH	30	6	13	03	2	6	Sc	17.8	18	88	16	0
EL DABA	40	10		01	1	4	Cu		20	83	17	0
ALEXANDRIA	40	6	7	[illegible]	5	8	Cu, Sc	17.1	20	83	17	Dr.
FOUAD (Airport)	350	10	12	51	5	8	Ac	17.4	20	83	17	Dr.
DAMIETTA	20	5		02	5	7	Sc	14.6	22	83	19	0
PORT SA'ÎD												
EL 'ARISH	360	9	35	02	2	3	Cu	13.3	23	74	18	0
DAMANHÛR	40	5	7	20	5	8	As	16.7	21	83	18	Dr.
MANSURA	40	2	1.5	03	2	8	Sc	16.7	23	61	15	0
TANTA	360	2	35	02	2	8	As	15.9	24	74	19	0
ZAGAZIG	320	9	3	02	1	4	As	15.0	23	65	16	0
ISMAÎLIA	20	7	3	01	2	6	As	13.6	24	54	14	0
FAROUK (Airport)												
ALMÂZA	10	18	12	01	1	2	Ac	14.3	26	58	17	0
EZBEKÎYA	360	9	15	00	5	1	Ac	14.8	24	55	14	Dr.
GÎZA	360	9	15	00	5	1	Ac	14.6	25	53	15	Dr.
HELWÂN	360	11	7	01	2	5	Ac	13.5	27	42	13	0
FAIYÛM	360	20	7	07	3	8	Ac	11.8	27	55	17	0
MINYA	20	13	10	02	2	7	Ac, Ci	10.2	30	35	13	Dr.
ASYÛT MANQABAD												
NAG' HAMMÂDI	140	4	3	02	2	8	Ac, Ci	9.5	34	22	9	0
QENA	160	9	7	02	5	6	Ac, Ci	10.0	32	28	11	Dr.
LUXOR												
ASWÂN	90	11	3	95	9	8	St	7.9	37	27	15	Rain
SÎWA	00	0	7	00	0	0	—	15.4	25	61	17	0
BAHARÎYA	360	5	15	02	1	5	Ac	12.6	26	37	10	0
FARAFRA	360	10	15	02	2	8	Ac	11.0	29?	35?	12?	0
DAKHLA	340	6	35	00	0	0	—	7.4	37?	8	-3?	0
KHARGA	90	9	7	00	0	0	—	9.4	35	32	16	0
SUEZ	360	11	15	01	0	3	Cu	11.5?	27	55	17	0
TÛR	20	5	15	02	1	5	Ci	9.5?				0
HURGHÂDA	300	4		02	2	8	As	10.2	24	69	18	0
QUSEIR	40	5	15	03	2	8	Cs	10.6	29	66	22	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Thursday 12th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temp. Dry Bulb	Temp. Maximum Yesterday	Diff. from normal	Temp. Minimum Today	Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	40	3	7	01	2	6	Ac	18.2		19	22		15		83	16	0		
SÎDI BARÂNI	330	4	50	01	2	2	Cu, Ac	18.7		19	22		15		83	16	0	276	
MATRÛH	10	8	14	02	2	7	Sc	18.3		19	22		17		61	14	0		
EL DABA	320			01	1	4	Cu			19	21		16		78	15	0		
ALEXANDRIA	40	6	50	01	2	6	Cu	16.7	+2.7	20	22	-4	18	+1	83	17	Dr.	267	185
FOUAD (Airport)	360	15	30	02	1	4	Ac	16.5		21	24		17		74	16	Dr.	265	138
DAMIETTA	360	5		03	2	8	As	15.1	+1.6	21	30		18		88	19	0	318	104
PORT SA'ÎD	20	18	14	01	2	7	Ac	15.0		22			20		83	19	1	71	
EL 'ARISH	140	2	35	60	5	8	Cb	14.0	+0.5	22	32?	+6			83	19	Dr.		92
DAMANHÛR	40	13	7	03	1	2	Cu	16.2	+2.4	22	29	-1	17	+2	65	15	Dr.	102	100
MANSURA	40	9	35	02	5	5	Ac	16.4	+2.7	22	34	+3	19	+4	74	17	Dr.	49	53
TANTA	360	13	35	01	5	4		16.3	+2.3	23	33	+1	16	+1	65	16	Dr.	34	42
ZAGAZIG	40	9	7	02	1	4	As	14.8	+0.9	23	36	+4	19	+4	74	18	0	21	26
ISMAÎLIA	40	9	3	02	2	6	Ac	14.8		23	33		20		74	18	Dr.	14	
FAROUK (Airport)																			
ALMÂZA											36								
EZBEKÎYA	40	15	15	03	0	5	Cu, Ac, Ci	13.9	+0.6	22	35	+3	19	+2	77	18	Dr.	8	25
GÎZA	40	15	15	03	0	5	Cu, Ac, Ci	14.8	+1.5	23	35	+3	19	+5	71	17	Dr.	16	25
HELWÂN	360	9	15	00	9	5	Ac, Ci	13.6	+0.5	23	38	+6	18	+1	61	15	0.2	16	28
FAIYÛM	360	8	35	01	9	6	St	14.6	+1.6	23	37	+3	20	+3	65	16	2	8	8
MINYA	40	14	4	07	0	7	Ac	11.5		26	39		22		48	14	Dr.	5	
ASYÛT MANQABAD	00	0	30	00	0	2	Ci	11.1		31	43		23		36	14	0	Dr.	
NAG' HAMMÂDI	360	1	3	00	0	0	—	9.8	-1.5	29	41		26		46	16	0	0	
QENA	320	5	6	01	1	2	Ci	9.3	-1.4	30	43	+5	26	+6	40	15	Dr.	Dr.	
LUXOR	20	4	30	01	1	1	Cu	9.0		32			25		38	16	Dr.	Dr.	
ASWÂN	00	0	50	00	0	0	—	9.0	-1.7	31	44	+5	25	+2	59	22	2	2	
SÎWA	00	0	35	00	0	0	—	18.2	+3.7	21	31	-3	15	-1	65	14	0	Dr.	8
BAHARÎYA	360	9	15	17	9	6	Ac	14.4	+0.9	21	35	+1	18	+2	65	14	0	Dr.	7
FARAFRA	360	8	15	03	2	7	Ac	13.4		23	37		18		50	12	0	Dr.	
DAKHLA	40	6	15	00	0	0	—	10.0	-2.4	29	42	+5	25	+6	14	-1	0	Dr.	
KHARGA	300	2	7	00	1	0	—	9.5	-1.9	29	42	+4	27	+6	49	17	0	0	
SUEZ	360	10	35	00	1	7	Cs	13.9	+1.1	23	37	+5	20	+2	74	18	Dr.	12	17
TÛR	20	9	35	02	1	7	Ci	13.8	+3.0	26			22	+2	62	18	0	Dr.	13
HURGHADA	330	19		03	0	3	Ac, Ci	11.3?		28	32		24		55	18	0	7	
QUSEIR	360	5	15	03	2	8	As	9.6?	-1.2	30	32	+1	27	+4	40	15	0	0	4
PORT SUDÂN	330	6	30	03	2	4	Cu, Ac	9.6		31	33		25		74	26	0	34	96
WÂDI HALFA	130	22	2	07	0	0	—	6.9		33	42		27		36	16	Dr.	14	
ABU HAMAD	180	2	10	02	6	8	Ac	8.3		32	44		30		36	15	Dr.		
KAREIMA	200	7	0.5	44	4	0	—	9.2		32	44		30		41	17	0	3	1
'ATBARA																		7	5
KHARTÛM	160	10	4	14	0	8	Sc, Ac	7.9		31	41		29		38	15	0	10	6
KASSALA																		16	16
WÂD MEDANI																		11	18
RENK																		0	66
ROSEIRES																		8	73
EL OBEID																	1	12	24
EL FÂSHER																		1	10
GENEINA																			13
MALAKÂL																		127	146
WÂU	00	0	30	02	1	7	Ac	11.8		25	33		23		79	21	Dr.	295	281
JUBA																	63	288	365

HUMIDITY

Mean of day

Station	on 11th %	Diff. from normal
Alexandria	80	+10
Ezbekiya	56	+6
Giza	57	+6
Helwân	43	+5

GÎZA GRASS MINIMUM TEMP. ON 12th 17.4 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

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

Remarks

RAWINSONDE — Farouk AIRPORT — On 12th At 3h

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	104	20	83	360	6
950					
900					
850	1529	22	38	230	21
800					
700	3174	9	54	270	22
600					
500	5815	-12		280	33
400		-22			
300					

RAWINSONDE — AIRPORT — On ... At ...

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

UPPER WIND OBSERVATIONS on 11th

Station			Matrûh				Fouad Arp						Minya	
Time			13	15			15						15	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			10	14			350	25					60	28
600			20	12			20	38					70	38
1000			30	7			360	26					70	23
1500							230	16					70	14
2000													60	29
3000														
4000														
5000														
6000														
7000														
8000														

UPPER WIND OBSERVATIONS on 12th May

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya	
Time	5		4		3						7		3 45	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	350	6	340	14	20	18					60	12	20	25
600	350	6			30	14					50	14	30	68
1000	30	8			40	12					140	11	30	66
1500					40	6					120	14	50	38
2000					240	15					240	12		
3000														
4000														
5000														
6000														
7000														
8000														

Station	Asyût Manqabad				Luxor				Aswân				Hurghada		Farouk Arp	
Time	8 30				6				5				9		8	
Height m.	Dir.	Vel.			Dir.	Vel.			Dir.	Vel.			Dir.	Vel.	Dir.	Vel.
300	310	11			80	11			140	12			350	14	20	6
600	340	16			120	14			160	4			360	12	120	6
1000	350	10			120	11			170	9			360	17	190	10
1500	50	4			140	10			150	13			330	7	260	21
2000	200	4			140	11									290	21
3000	190	10													270	22
4000	140	2														
5000															270	42
6000															250	39
7000																
8000																

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	3 45		5		5		4 30																	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	50	21	20	29	350	9	30	21																
600	40	25	20	33	10	11	50	22																
1000	20	23	10	16	360	16	80	26																
1500	360	23	90	21	350	27																		
2000	10	11	110	11																				
3000	230	12																						
4000	250	28																						
5000	230	39																						
6000																								
7000																								
8000																								

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

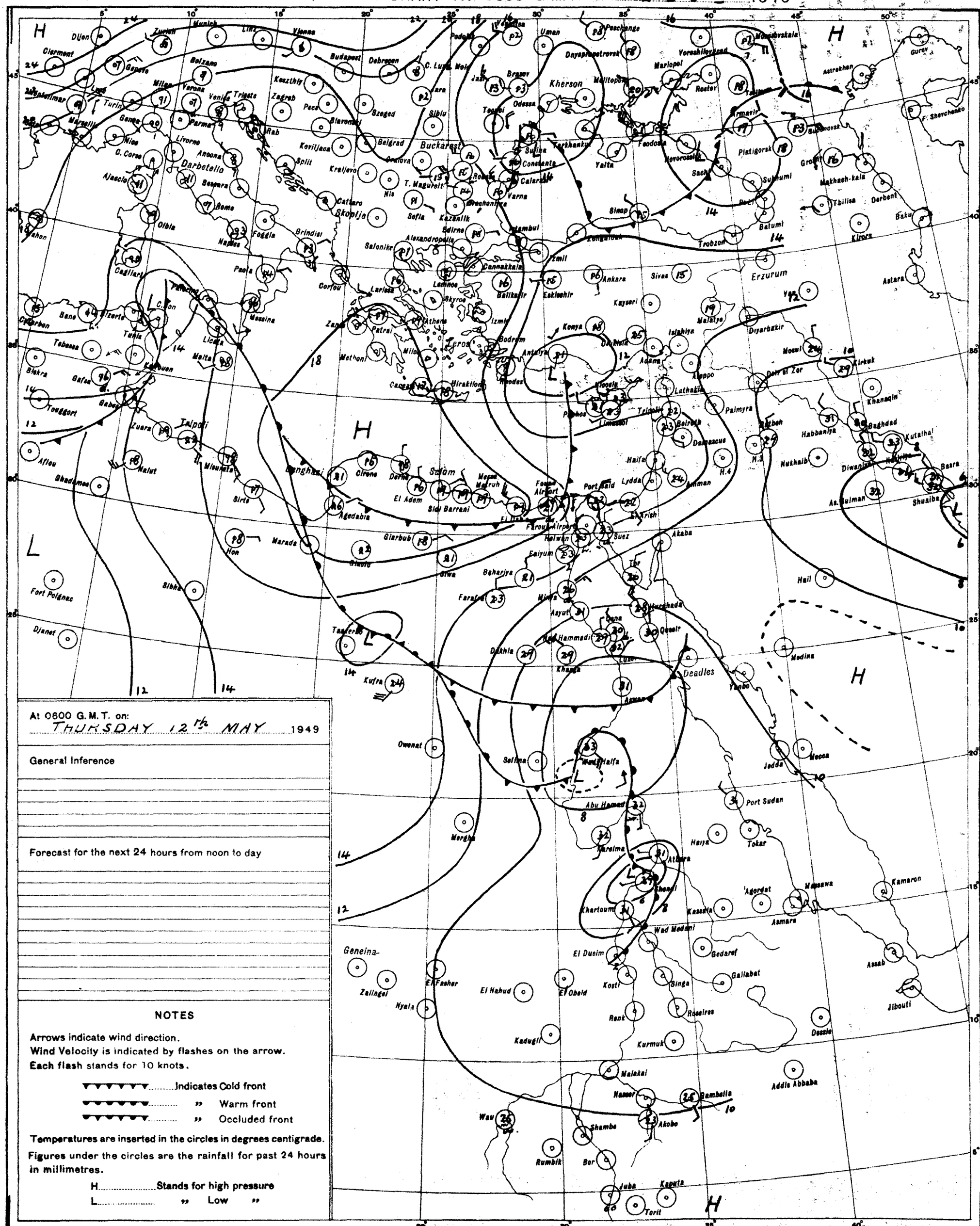
K.N.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 12 – 5 – 1949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L
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Vienna
Clermont
Geneva
Bolzano
Budapest
Debrecen
Milan
Verona
Venice
Trieste
Zagreb
Pecs
Szeged
Turin
Genoa
Parma
Marseille
Nice
C. Corse
Livorno
Ancona
Darbetello
Ajaccio
Rome
Olbia
Naples
Foggia
Brindisi
Cagliari
Palermo
Messina
Bone
Bizerte
Tunis
Tebessa
Licata
Malta
Biskra
Gafsa
Touggort
Gabes
Zuara
Tripoli
Aflou
Bhadames
Nalut
Mizurata
Sirte
Benghazi
Cirene
Derna
Agedabia
Marada
Hon
Giarbub
Siwa
Sibha
Fort Polignac
Djanet
Tanezrouft
Kufra
Owenat
Merghi
Keszthly
Rab
Keviljaca
Split
Kraljevo
Belgrad
Nis
Cattaro
Skoplje
Sofia
Salonike
Larissa
Corfou
Patrai
Athens
Lemnos
Skyros
Izmir
Bodrum
Antalya
Rhodes
Hiraklion
Cerigo
Kherson
Odessa
Jassy
Brasov
Sibiu
Buckarest
Constanta
Calarasi
Varna
Kazanlik
Edirne
Istambul
Alexandropolis
Canakkale
Eskisehir
Balikesir
Ankara
Kayseri
Konya
Sivas
Erzurum
Trabzon
Sinop
Zonguldak
Samsun
Yalta
Sevastopol
Feodosia
Novorossiysk
Sochi
Batumi
Tbilisa
Derbent
Baku
Kirova
Astara
Astrakhan
Gurev
Mariopol
Rostov
Voroshilovgrad
Dnepropetrovsk
Melitopol
Uman
Peschange
Piatigorsk
Sukhumi
Grozny
Makhach-kala
Armavir
Bubnovsk
F. Shevchenko
Mosul
Kirkuk
Diyarbakir
Malatya
Ishkiya
Aleppo
Adana
Lattakia
Palmyra
Beirut
Damascus
Haifa
Lydda
Amman
Port Said
Suez
Akaba
Tor
Hail
Medina
Yanbo
Deadles
Mecca
Jedda
Port Sudan
Tokar
Haiya
Atbara
Khartoum
Kassala
Agordat
Massawa
Asmara
Kamaron
Assab
Jibouti
Dessie
Addis Abbaba
Gambella
Akobo
Nasser
Malakal
Wau
Shambe
Rumbik
Bor
Juba
Kapoeta
Torit
Kurmuk
Roseires
Renk
Kosti
Singa
Gallabat
Gedaref
El Obeid
El Nahud
El Fasher
Zalingei
Nyala
Kadugli
Geneina
Wad Medani
El Dueim
Abu Hamed
Merowe
Dongola
Wadi Halfa
Khanaqin
Baghdad
Kutalhal
Basra
Shuaiba
Habbaniya
Nukhaib
Diwaniya
Rutbah
Hit
Ramadi
Mosul
Qena
Luxor
Asyut
Minya
Beharjya
Farafra
Giarabub
Siwa
Sollum
Mersa Matruh
El Adem
Sidi Barrani
Cairo
Port Said
Ismailia
Suez
Tor
Qeseir
Kharga
Dakhla
Farouk Airport
Helwan
Faiyum
Tanta
Alexandria
Mersa Matruh
Sidi Barrani
Tobruk
Benghazi
Derna
Cirene
Agedabia
Marada
Giarbub
Siwa
Sollum
Kufra
Owenat
Selima
Wadi Halfa
Abu Hamed
Merowe
Dongola
Khartoum
Wad Medani
El Dueim
Kosti
Renk
Roseires
Kurmuk
Gedaref
Gallabat
Singa
Kassala
Agordat
Massawa
Asmara
Kamaron
Assab
Jibouti
Dessie
Addis Abbaba
Gambella
Akobo
Nasser
Malakal
Wau
Shambe
Rumbik
Bor
Juba
Kapoeta
Torit
Geneina
Zalingei
Nyala
El Fasher
El Nahud
El Obeid
Kadugli
Kurmuk
Roseires
Renk
Kosti
Singa
Gallabat
Gedaref
Jibouti
Assab
Kamaron
Massawa
Asmara
Agordat
Kassala
Khartoum
Wad Medani
Atbara
Haiya
Tokar
Port Sudan
Jedda
Mecca
Yanbo
Medina
Deadles
Qeseir
Luxor
Qena
Asyut
Minya
Beharjya
Farafra
Giarabub
Siwa
Marada
Hon
Sibha
Fort Polignac
Djanet
Tanezrouft
Kufra
Owenat
Merghi
Sirte
Benghazi
Cirene
Derna
Agedabia
Tripoli
Zuara
Nalut
Mizurata
Aflou
Bhadames
Biskra
Gafsa
Touggort
Gabes
Tebessa
Bone
Bizerte
Tunis
Licata
Malta
Palermo
Messina
Cagliari
Olbia
Ajaccio
C. Corse
Nice
Marseille
Genoa
Parma
Turin
Milan
Verona
Venice
Trieste
Zagreb
Pecs
Szeged
Debrecen
Budapest
Vienna
Linz
Munich
Zurich
Dijon
Clermont
Geneva
Bolzano
Keszthly
Rab
Keviljaca
Split
Kraljevo
Belgrad
Nis
Cattaro
Skoplje
Sofia
Salonike
Larissa
Corfou
Patrai
Athens
Lemnos
Skyros
Izmir
Bodrum
Antalya
Rhodes
Hiraklion
Cerigo
Kherson
Odessa
Jassy
Brasov
Sibiu
Buckarest
Constanta
Calarasi
Varna
Kazanlik
Edirne
Istambul
Alexandropolis
Canakkale
Eskisehir
Balikesir
Ankara
Kayseri
Konya
Sivas
Erzurum
Trabzon
Sinop
Zonguldak
Samsun
Yalta
Sevastopol
Feodosia
Novorossiysk
Sochi
Batumi
Tbilisa
Derbent
Baku
Kirova
Astara
Astrakhan
Gurev
Mariopol
Rostov
Voroshilovgrad
Dnepropetrovsk
Melitopol
Uman
Peschange
Piatigorsk
Sukhumi
Grozny
Makhach-kala
Armavir
Bubnovsk
F. Shevchenko
Mosul
Kirkuk
Diyarbakir
Malatya
Ishkiya
Aleppo
Adana
Lattakia
Palmyra
Beirut
Damascus
Haifa
Lydda
Amman
Port Said
Suez
Akaba
Tor
Hail
Medina
Yanbo
Deadles
Mecca
Jedda
Port Sudan
Tokar
Haiya
Atbara
Khartoum

CAIRO

Time of Sunrise 03 03 G.M.T.

" " Sunset 16 40 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: FRIDAY 13th MAY, 1949

At 1200 on THURS 12th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
MEDITERRANEAN	62300	SALUM	360	17	7	01	0	0	—	17.5	21	61	13
	62303	SÎDI BARÂNI	340	5		03	1	4	Cu	18.6	20	83	17
	62306	MATRÛH	40	9	14	02	2	3	Sc	17.7	21	74	16
	62309	EL DABA	360	20		01	1	3	Cu		22	66	15
		ALEXANDRIA	40	9	50	01	2	3	Cu, Sc	16.4	21	83	18
	62318	FOUAD (Airport)	20	20		00	0	0	—	16.4	23	65	16
	62330	DAMIETTA	360	5	15	02	2	8	Cu, Ac	15.8	24	74	19
	62333	PORT SA'ID	360	12	18	01	1	4	Cu, Ci	15.3	24	41	10
	62336	EL 'ARISH	320	19	35	01	0	3	Cu	15.0	23	74	18
LOWER EGYPT	62339	DAMANHUR	40	13	15	03	1	2	Cu	15.9	27	42	13
	62342	MANSURA	20	9	35	02	5	5	Ac	15.8	27	35	10
	62348	TANTA	360	13	35	02	6	5	Cu	16.2	29	35	12
	62354	ZAGAZIG	320	5	15	02	1	4	As		25	54	15
	62441	ISMA'ILIA	20	9	7	02	5	6	Ac	14.2	28	27	7
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMAZA	20	16		02	6	5	Ac	13.8	29	37	13
		EZBEKIYA	40	6	15	20	9	5	Fc, Fc, As	14.2	29	40	14
		GIZA	40	6	15	20	9	5	Fc, Fc, As	14.2	29	36	12
	62378	HELWÂN	360	17	35	03	2	6	Cu, Ac	13.4	30	31	11
UPPER EGYPT	62381	FAIYUM	20	8	35	03	5	8	Fc, Fc	12.7	29	40	14
	62387	MINYA	10	15	10	02	2	7	As, Ci	11.0	35	22	10
	62393	ASYUT MANQABAD	340	14	18	02	1	7	Ac	9.7	33	41	18
	62399	NAG' HAMMADI	270	2	7	03	1	4	Ac	7.1	39	24	15
	62402	QENA	130	2	50	02	5	2	Ci	6.7	43	16	12
	62405	LUXOR											
	62414	ASWÂN	200	3	50	00	0	0	—	6.8	40	19	12
OASES	62417	SÎWA	00	0	35	00	0	0	—	17.0	33	44	19
	62420	BAHARIYA	360	5	35	02	9	6	Ac	13.3	30	31	11
	62423	FARAFRA	360	4	7	29	9	3	Ac	13.0	31	28	10
	62432	DAKHLA	40	13	35	03	2	7	Fc, Fc, As	6.4	34	29	13
	62435	KHARGA	310	13	7	07	0	0	—	9.4	38	31	18
RED SEA	62450	SUEZ	360	11	35	01	0	6	Cu	11.9	31	52	20
	62459	TÛR											
	62462	HURGHADA	80	2		03	1	6	Ac	9.6	31	62	23
	62465	QUSEIR	360	13	15	01	2	6	As	9.6	31	49	19
	62641	PORT SUDAN	70	20	10	02	1	1	Cu, Ac	7.8	33	74	28
NORTH SUDAN	62600	WADI HALFA	130	3	6	06	3	9	Cb, Cc	3.5	42	18	13
	62640	ABU HAMAD	00	0	7	05	2	8	Cu, Ac	3.4	40	20	13
	62660	KAREIMA	250	15	2	07	4	0	—	2.5	41	18	12
	62680	'ATBARA	230	5	30	03	8	1	Cu	3.5	40	20	13
	62721	KHARTUM	280	6	7	05	1	6	Cu, Sc	4.9	36	27	14
	62730	KASSALA	200	5	30	03	3	6	Ac	5.3			17
CENTRAL SUDAN	62751	WAD MEDANI	230	9	35	01	1	4	Cu	7.5	38	22	13
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	200	10	30	03	1	4	Cu, Sc, Ac	5.4	36	22	11
	62760	EL FASHER	200	5	30	01	1	5	Cs		35	25	12
	62770	GENEINA	230	13	30	01	1	3	Ci		35	25	12
S. SUDAN	62840	MALAKAL	180	9	30	02	2	7	Cu, Ac	8.2	33	34	15
	62880	WAU	180	4	30	02	1	7	Cu, Ac	7.0	35	39	19
	62941	JUBA	270	2	30	15	2	6	Cb, Cc	8.7	31	55	21

At 1800 on THURS 12th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
SALUM	360	4	7	03	0	5	As, Ci	17.9	18	83	15	0
SÎDI BARÂNI	340	5		03	2	7	Sc, Cu	18.3	18	88	16	0
MATRÛH	00	0	12	02	2	6	Sc	17.6	18	73	13	0
EL DABA	360	20		00	0	0	—	17.5	21	61	13	0
ALEXANDRIA	60	9	7	00	0	0	—	16.4	19	94	18	0
FOUAD (Airport)	20	10	12	00	0	0	—	15.4	19	83	16	0
DAMIETTA	360	5		00	0	0	—	14.7	21	83	18	0
PORT SA'ID												
EL 'ARISH	360	2	35	02	1	3	Cu	15.4	21	83	18	0
DAMANHUR	40	13	15	02	0	0	—	16.0	20	73	15	0
MANSURA	360	5	3	00	1	0	—	15.6	20	73	15	dr.
TANTA	360	6	35	02	1	0	—	15.1	23	74	18	dr.
ZAGAZIG	40	5	3	00	1	0	—	14.7	22	57	13	0
ISMA'ILIA	40	5	3	02	2	6	Ac	14.4	22	57	13	dr.
FAROUK (Airport)												
ALMAZA	40	15	12	01	1	1	Cu, Ac	14.2	25	34	8	dr
EZBEKIYA	40	8	15	00	0	0	—	14.0	23	46	11	dr
GIZA	40	8	15	00	0	0	—	14.3	24	36	8	dr.
HELWÂN	360	11	35	01	1	0	—	13.1	24	26	3	0
FAIYUM	360	5	35	02	2	8	Fc, Fc	12.7	25	42	11	dr.
MINYA	20	14	10	00	2	0	—	10.9	26	42	12	0
ASYUT MANQABAD												
NAG' HAMMADI	360	2	7	00	0	1	As, Ci	7.6	33	30	13	0
QENA	130	9	7	03	3	6	Ac	9.7	32	28	11	dr.
LUXOR												
ASWÂN	220	9	3	00	3	0	—	6.3	35	19	8	0
SÎWA	00	0	7	00	0	0	—	15.4	27	62	19	0
BAHARIYA	360	4	15	02	2	0	—	12.7	27	37	11	0
FARAFRA	360	1	15	29	9	2	Ac	13.5	26	30	7	0
DAKHLA	320	6	35	00	0	0	—	8.3	33	12	0	0
KHARGA	360	1	15	00	0	0	—	6.8	32	38	16	0
SUEZ	360	4	15	01	0	2	Cu		24	61	16	0
TÛR												
HURGHADA	330	13		01	2	4	Cc	9.4	28	70	22	0
QUSEIR	330	13	15	01	2	4	Ac	9.3	29	59	20	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on FRIDAY 13th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	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	2	7	00	0	4	Ci	16.4		19	22		12		73	14	0		
SÎDI BARÂNI	320	1		01	1	5	Sc, Cu, Ac	17.0		19	21		9		83	16	0	276	
MATRÛH	00	0	15	02	1	4	Sc	16.4		18	22		10		78	14	0		
EL DABA	360	11		01	1	2	Cu	16.2		20					73	15	0		
ALEXANDRIA	40	5	50	03	2	0	—	15.5	+1.5	20	22	-4	13	-5	73	15	0	267	185
FOUAD (Airport)	360	10	18	02	0	4	Sc, Ci	15.2		20	24		15		78	16	0	265	138
DAMIETTA	360	2		03	1	4	Ac	14.8	+1.3	21	24		15		78	17	0	318	104
PORT SA'ID	30	9	15	02	0	0	—	14.7		22			19		74	17	dr.	71	
EL 'ARISH	90	2	35	01	0	2	Cu	14.6	+1.1	22	26	-1	16	+1	61	14	0		92
DAMANHUR	360	9	7	02	0	0	—	16.2	+2.4	23	28	-2	18	+3	65	16	0	102	100
MANSURA	340	5	35	00	0	0	—	15.1	+1.5	22	29	-2	15	-1	65	15	dr.	49	53
TANTA	360	2	35	02	0	0	—	15.8	+1.8	22	29	-3	12	-3	65	15	dr.	34	42
ZAGAZIG	40	5	7	00	0	0	—	15.1	+1.3	21	28	-4	16	+1	83	18	0	21	26
ISMA'ILIA	40	5	7	02	1	3	As	13.5?		23	29		17		61	15	dr.	14	
FAROUK (Airport)																		dr.	
ALMAZA											30						dr	dr	
EZBEKIYA	30	9	15	03	0	1	Cu	13.8	+0.5	21	30	-2	16	-1	71	15	dr.	8	25
GIZA	30	9	15	03	0	1	Cu	13.8	+0.5	21	29	-3	17	+3	73	16	dr.	16	25
HELWÂN	40	24	15	00	0	3	As, Ci	12.3	-0.8	22	31	-1	18	+1	57	13	0	16	28
FAIYUM	360	11	35	02	5	8	Fc, Fc	12.7	-0.3	22	31	-3	18	+1	65	15	dr.	8	8
MINYA	20	16	12	01	0	1	Ac	11.5		22	36		19		57	13	0	5	
ASYUT MANQABAD	290	6	30	00	0	1	Ci	10.5		23	37		19		57	14	0	dr.	
NAG' HAMMADI	00	0	7	00	0	4	Ac	9.1	-2.1	27	41		22		35	10	0	0	
QENA	320	2	15	01	1	2	Ci	9.3	-1.4	28	43	+5	24	+4	45	15	dr.	dr.	
LUXOR																		dr.	
ASWÂN	180	4	50	01	1	4	Sc	9.6	-1.1	31	42	+2	26	+3	49	19	0	2	
SÎWA	00	0	35	00	0	0	—	17.5	+3.1	20	33	-1	13	-3	88	18	0	dr.	8
BAHARIYA	360	4	35	02	0	0	—	14.2	+0.7	21	32	-2	16	-1	57	12	0	dr.	7
FARAFRA	360	4	15	02	1	2	Ac	14.0		21	32		17		57	12	0	dr.	
DAKHLA	360	6	35	00	0	0	—	11.5	-0.8	25	37	0	22	+3	45	12	0	dr.	
KHARGA	300	1	35	00	0	0	—	10.0	-1.3	28	39	+1	22	+1	40	13	0	0	
SUEZ	360	5	35	00	0	4	Cu	13.6	+0.9	22	33	+1	18	0	83	19	0	12	17
TÛR																		dr.	13
HURGHADA	330	19		00	0	0	—	10.1		26	32		24		55	16	0	7	
QUSEIR	360	13	15	00	1	4	Ci	9.4	-1.4	27	32	+1	25	+2	55	17	0	0	4
PORT SUDAN	250	15	30	02	2	8	As, Cs	7.5		34	35		27		36	17	dr.	34	96
WADI HALFA																		14	
ABU HAMAD	260	9	30	02	6	8	Ac	9.6		25	41		21		65	18	17	17	
KAREIMA	130	2	30			4	Ac	9.2		29	42		18		52	18	2	5	1
'ATBARA	270	2	30	21	5	7	Sc			26	41		23		66	19	0.3	7	5
KHARTUM	130	18	30	14	2	6	Ac	9.3		28	38		21		55	18	dr.	10	6
KASSALA	200	5	50	02	8	8	Ac	9.7		27	38		25		52	16	dr.	16	17
WAD MEDANI	130	5	50	01	1	4	As	8.8		31	39		27		38	15	10	21	18
RENK	230	9	50	01	1	6	Ci	8.7		31	35		26		43	17	0	0	67
ROSEIRES																		8	75
EL OBEID	190	14	30	02	1	8	Ac	8.2		29	37		27		52	18	0	12	24
EL FASHER	160	5	30	01	1	3	Ac			28	37		24		40	13	0	1	10
GENEINA	230	1	30	02	2	8	Cs			25	35		24		61	17	dr.	—	14
MALAKAL	180	6	30	01	2	7	Ac	10.6		26	35		25		66	19	0	127	148
WAU																		295	255
JUBA																	5	293	370

HUMIDITY % Mean of day

Station	on 12th	Diff. from normal
Alexandria	82	+11
Ezbekiya	59	+9
Giza	51	0
Helwân	43	+5

GIZA GRASS MINIMUM TEMP.

ON 13th 14.7 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

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

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

UPPER WIND OBSERVATIONS on 12th

Station	Matruh				Fouad A.P.				P. Said				Minya													
Time					15				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					20	20			30	12			360	42												
600					20	16			20	16			10	40												
1000					10	7			10	14			360	38												
1500					340	9			280	16			220	5												
2000					280	10			280	16			260	5												
3000					260	19			350	7			250	16												
4000					250	15																				
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 13th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		
Time	5		4 30		3		4						3		9						9		
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	340	1	330	7	10	11	20	15					350	42	300	10					340	30		
600	30	1	40	9	20	11	20	14					20	38	340	10					330	8		
1000	110	1	70	9	40	9	30	13					30	42	10	10					310	10		
1500			30	3	30	7							20	27	140	4					290	13		
2000			320	13	240	3									150	13								
3000			290	10											200	14								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	4 45		5		5		4 30		4		4 15				4		4		3 45					
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	80	15	30	21	20	10	340	16	170	12														
600	90	15	40	25	20	13	360	12	170	15	130	27			130	19	140	6					190	9
1000	50	12	50	23	50	12	10	3	160	17	150	17			150	26			30	10			180	15
1500	360	25	10	6	20	21	170	7	110	3	360	4			180	23	170	8					240	6
2000	350	27			20	31			110	11					200	25								
3000	330	22													240	6	110	7					250	3
4000	20	4													180	5								
5000	300	7																					130	5
6000	360	3																						
7000																								
8000																								

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

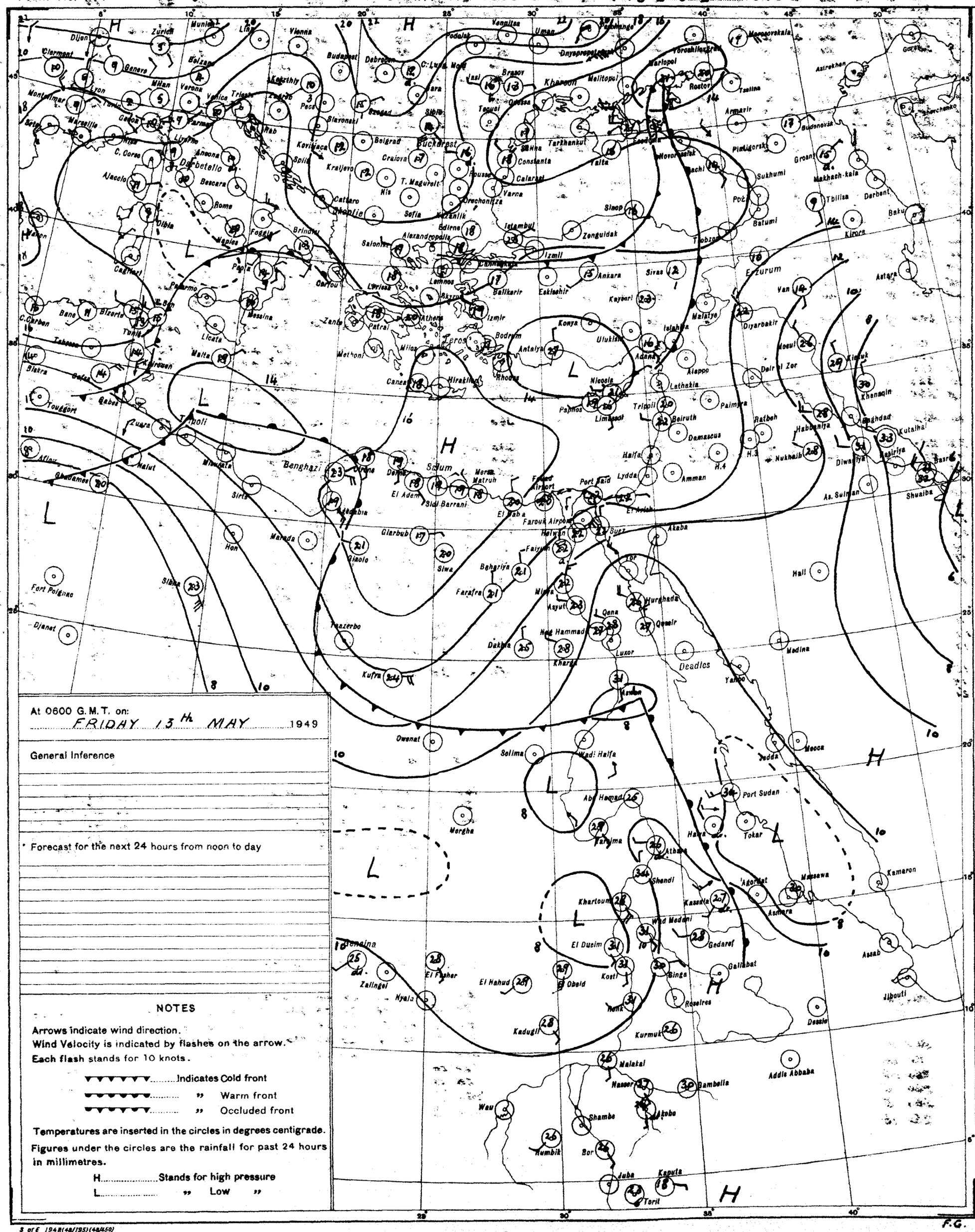
Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

F.G.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 13 5 1949


Dijon
Zurich
Munich
Linz
Vienna
Budapest
Debrecen
Clermont
Genève
Belzano
Lyon
Milan
Verona
Venice
Trieste
Zagreb
Pecs
Szeged
Sibiu
Iasi
Brasov
Kherson
Melitopol
Mariopol
Rostov
Tsalina
Armavir
Astrekhan
Budenovsk
Pyatigorsk
Groznyi
Makhach-kala
Tbilisa
Derbent
Baku
Kirovs
Astara
Sukhumi
Batumi
Poti
Trabzon
Sinop
Zonguldak
Istanbul
Edirne
Izmit
Ankara
Sivas
Kayseri
Eskisehir
Balikesir
Izmir
Konya
Ulukisla
Adana
Alepo
Malatya
Diyarbakir
Van
Erzurum
Mosul
Dair el Zor
Kirkuk
Khanaqin
Baghdad
Kutalhai
Basra
Diwaniya
Nasiriya
Shuaiba
As. Sulman
Nukhaib
Habbaniya
Ratbeh
Palmyra
Lathakia
Beirut
Damascus
Amman
Lydda
Haifa
Port Said
Suez
Akaba
Hurghada
Qeneir
Luxor
Deadics
Yanbo
Medina
Meoca
Jedda
Port Sudan
Tokar
Massawa
Asmara
Kamaron
Asaab
Jibouti
Dessie
Addis Abbaba
Gallabat
Gedaref
Kassala
Wad Medani
Khartoum
Shendi
Atbara
Abu Hamad
Wadi Halfa
Selima
Merga
Owenat
Kufra
Tmazerbo
Dakhla
Kharga
Nag Hammadi
Asyut
Minia
Beharia
Faiyum
Farafra
Siwa
Giarbub
Giaolo
Sirte
Benghazi
Derna
Tobruk
Sollum
Mersa Matruh
El Adem
Sidi Barrani
El Daba
Farouk Airport
Helwan
Cairo
Ismailia
Port Said
Lydda
Amman
Nicosia
Limassol
Paphos
Tripoli
Beirut
Damascus
Rhodes
Bodrum
Antalya
Iraklion
Canea
Malta
Tripoli
Zuara
Nalut
Ghadames
Mizurata
Hon
Marada
Sibha
Fort Polignac
Djanet
Tahsena
Biskra
Gafsa
Gabes
Touggort
Kirouan
Tunis
Bizerte
Bone
C. Carbon
Palermo
Messina
Licata
Cagliari
Naples
Foggia
Brindisi
Rome
Ancona
Pescara
Ajaccio
C. Corse
Genoa
Marseille
Livorno
Cattaro
Dubrovnik
Split
Kraljevo
Belgrad
Koviljaca
Zagreb
Slavonski
Rab
Craiova
T. Magurele
Nis
Sofia
Kuzanlik
Salonika
Alexandropolis
Lemnos
Lariesa
Patrai
Athens
Zante
Milos
Methoni
Crete
Hiraklion
Rhodes
Bodrum
Antalya
Konya
Ulukisla
Adana
Alepo
Lathakia
Nicosia
Paphos
Limassol
Tripoli
Beirut
Damascus
Palmyra
Ratbeh
Haifa
Lydda
Amman

CAIRO
Time of Sunrise 03 03 G.M.T.
" " Sunset 16 40 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: Saturday 14th May, 1949

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	SALUM	320	10	12	00	0	0	—	15.6	22	65	15
	62303	SÎDI BARÂNI	320	10		01	0	1	As	16.2	20	63	17
	62306	MATRÛH	320	9		01	1	1	Ci	15.5	21	65	14
	62309	EL DABA	360	20		01	1	2	Cu		21	74	16
		ALEXANDRIA	360	10	50	00	0	0	—	13.8	21	65	14
	62318	FOUAD (Airport)	360	16	30	01	0	1	Ci	13.9	22	65	15
	62330	DAMIETTA	340	5	7	01	0	1	Ci	13.1	23	61	15
	62333	PORT SAÏD	10	15	18	02	0	0	—	12.8	24	69	18
	62336	EL 'ARISH	320	13	35	01	0	2	Cu	13.5	22	57	13
Lower Egypt	62339	DAMANHÛR	40	13	15	02	0	0	—	14.2	27	42	13
	62342	MANSURA	360	5	35	00	0	0	—	12.6	28	27	7
	62348	TANTA	360	13	35	02	0	0	—	12.2	29	29	9
	62354	ZAGAZIG	40	9	15	00	0	0	—	12.4	30	40	15
	62441	ISMAÏLIA	20	5	15	01	0	0	—	11.8	28	27	7
Cairo Area	62360	FAROUK (Airport)											
	62372	ALMÂZA											
		EZBEKIYA	330	8	35	00	0	0	—	11.2	29	35	12
		GÎZA	330	8	35	00	0	0	—	11.6	29	29	9
	62378	HELWÂN	360	12	15	01	1	1	Ci	10.3	30	25	8
Upper Egypt	62381	FAIYÛM	360	8	35	01	1	1	St	10.2	30	25	8
	62387	MINYA	10	13	12	03	0	2	Ac	8.9	33	26	11
	62393	ASYÛT Manqabad	340	12	30	00	0	0	—	7.8	34	29	13
	62399	NAG' HAMMÂDI	00	0	15	00	0	4	Ci	6.6	37	31	17
	62402	QENA	290	9	50	02	1	2	Ci	7.0	38	24	14
	62405	LUXOR											
	62414	ASWÂN	200	2	50	02	1	6	Sc	6.3	38	22	13
Oases	62417	SÎWA	230	3	35	00	0	0	—	15.9	29	40	14
	62420	BAHARÎYA	360	5	35	02	0	0	—	11.6	32	15	2
	62423	FARAFRA	320	3	35	02	0	0	—	11.5	33	11	-1
	62432	DAKHLA	320	9	35	00	0	0	—	8.0	34	18	6
	62435	KHARGA	00	0	35	00	0	0	—	8.3	37	31	17
Red Sea	62450	SUEZ	360	5	35	01	0	2	Cu	9.6	31	38	15
	62459	TÛR	340	10	35	01	1	0	—	7.5	29	52	18
	62462	HURGHÂDA	360	10		03	0	2	Cu	7.7	26	79	22
	62465	QUSEIR	360	13	15	03	2	6	As	7.1	28	62	20
	62641	PORT SUDÂN	70	15	10	03	2	7	Cu,Ac,St	5.8	35	39	19
North Sudan	62600	WÂDI HALFA											
	62640	ABU HAMAD	50	2	30	02	2	7	Ac	5.0	36	25	13
	62660	KAREIMA	180	9	10	00	2	0	—	4.7	37	25	14
	62080	'ATBARA	230	9	30	01	6	4	Ac	4.8	36	24	12
	62721	KHARTÛM	110	12	30	01	9	6	Sc,Ac		35	44	21
	62730	KASSALA	200	2	30	03	1	7	Cu	5.4	37	27	15
Central Sudan	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	250	17	30	15	2	7	Ac	4.7	33	36	16
	62760	EL FÂSHER											
	62770	GENEINA											
S. Sudan	62840	MALAKÂL	200	8	35	01	2	4	Sc	3.9	37	31	17
	62880	WÂU											
	62941	JUBA											

At 1800 on Friday 13th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	40	2	7	02	0	0	—	14.6	18	83	15	0
SÎDI BARÂNI	40	3		02	0	1	As	14.7	18	88	16	0
MATRÛH	50	2	13	00	0	0	—	14.5	17	77	13	0
EL DABA	360	10		01	1	0	—	14.6	20	73	15	0
ALEXANDRIA	90	18	7	00	0	0	—	13.9	20	73	15	0
FOUAD (Airport)	360	7	12	00	0	0	—	13.3	18	78	14	0
DAMIETTA	320	5		02	0	2	Ci	12.7	20	83	17	0
PORT SAÏD	360	13	14	02	0	0	—	12.3	20	83	17	0
EL 'ARISH	320	9	35	03	1	4	Cu	13.7	21	74	16	0
DAMANHÛR	40	9	15	02	0	0	—	14.7	19	73	14	0
MANSURA	360	5	35	00	0	0	—	13.1	20	73	15	0
TANTA	40	2	35	02	0	0	—	13.9	22	44	9	0
ZAGAZIG	40	5	3	00	0	0	—	12.7	21	65	14	0
ISMAÏLIA	20	5	3	01	0	0	—	13.3	21	65	14	0
FAROUK (Airport)												
ALMÂZA												
EZBEKIYA	360	5	15	00	0	0	—	12.3	22	50	11	0
GÎZA	360	5	15	00	0	0	—	12.2	24	38	9	0
HELWÂN	360	15	15	02	0	0	—	11.4	24	38	9	0
FAIYÛM	20	5	35	02	1	1	St	9.9	26	37	10	0
MINYA	360	5	10	00	0	0	—	9.3	25	42	11	0
ASYÛT Manqabad												
NAG' HAMMÂDI	270	2	3	02	1	2	Ac	5.8	32	34	14	0
QENA	270	2	7	01	1	1	Ci	5.8	32	28	11	0
LUXOR												
ASWÂN	00	0	50	00	0	0	—	4.8	34	36	17	0
SÎWA	00	0	7	00	0	0	—	13.1	22	57	13	0
BAHARÎYA	360	5	15	02	0	0	—	11.1	26	25	4	0
FARAFRA	360	3	15	02	0	0	—	10.7	26	18	0	0
DAKHLA	320	6		00	0	0	—	8.2	32	15	2	0
KHARGA	20	1	15	00	0	0	—	8.0	30	35	13	0
SUEZ	360	6	15	02	0	2	Cu	11.0	23	74	18	0
TÛR	360	4	15	02	1	3	Ci	7.8	25	81	17	0
HURGHÂDA	290	2		01	1	2	St	6.8	26	66	19	0
QUSEIR	330	13	15	01	1	4	As	8.1	27	55	17	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on 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	Bar. Pressure Diff. from normal mbs	Temp. Dry Bulb	Temp. Maximum Yesterday	Temp. Maximum Diff. from normal	Temp. Minimum Today	Temp. Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
SALUM	140	1	7	02	0	0	—	13.5		20	24		12		73	15	0		
SÎDI BARÂNI				03	0	3	As,Ci	14.0		19	21		11		83	16	0	276	
MATRÛH	00	0	18	00	0	0	—	13.9		19	22		12		73	14	0		
EL DABA	40	14		00	0	0	—	13.8		20			11		73	15	0		
ALEXANDRIA	40	9	50	00	0	0	—	13.3	-0.7	20	23	-3	17	-1	73	15	0	267	185
FOUAD (Airport)	360	7	18	00	0	0	—	13.7		20	23		15		73	15	0	265	138
DAMIETTA	320	5		02	0	2	Ac	12.8	-0.7	21	24		14		74	16	0	318	104
PORT SAÏD	10	9	12	01	0	2	Sc	12.4		21	24		19		78	17	0	71	
EL 'ARISH	320	5	35	02	1	5	Cu	11.9	-1.6	21	23	-4	17	+2	69	15	0		92
DAMANHÛR	04	13	15	02	0	0	—	14.0	+0.2	20	28	-2	13	-2	78	16	0	102	100
MANSURA	320	5	35	01	1	2	Ac	12.8	-0.8	21	29	-2	15	-1	74	16	0	49	53
TANTA	360	8	35	01	1	2	Cu	12.7	-1.3	20	28	-4	10	-5	73	15	0	34	42
ZAGAZIG	320	5	7	02	1	3	Ac	12.8	-1.0	21	31	-1	14	-1	83	18	0	21	26
ISMAÏLIA	40	2	3	00	1	3	Sc	12.4		22	29		16		65	15	0	14	
FAROUK (Airport)	360	6	10	01	1	5	Sc	12.1		19					88	17	0		
ALMÂZA	10	9	14	01	1	3	Sc	12.6	-0.7	19			15		78	15	0		
EZBEKIYA	360	6	15	03	0	1	Cu	12.7	-0.6	20	31	-1	16	-1	73	15	0	8	25
GÎZA	360	6	15	03	0	1	Cu	13.0	-0.3	20	30	-2	14	0	68	14	0	16	25
HELWÂN	360	11	7	01	1	1	St	12.6	-0.4	19	32	0	15	-2	73	14	0	16	28
FAIYÛM	360	8	35	02	0	0	—	12.6	-0.4	19	31	-3	15	-2	73	14	0	8	8
MINYA	10	15	10	00	0	0	—	12.0		19	34		15		64	12	0	5	
ASYÛT Manqabad	340	9	30	00	0	0	—	11.7		22	37		17		19	-3		Dr.	
NAG' HAMMÂDI	320	2	3	00	0	1	Ac,Ci	9.5	-1.6	27	38		22		42	13	0	0	
QENA	240	5	35	03	1	4	Ci	8.8	-1.9	28	40	+2	25	+5	33	10	0	Dr.	
LUXOR	00	0	30	00	0	1	Cu	8.4		31						13	0	Dr.	
ASWÂN	360	5	50	03	2	4	Sc	8.2	-2.5	30	41	+1	25	+2	46	17	0	2	
SÎWA	00	0	35	00	0	0	—	13.4	-1.0	21	33	-1	12	-4	65	14	0	Dr.	8
BAHARÎYA	360	4	35	02	0	0	—	13.0	-0.4	19	33	-1	14	-3	52	9	0	Dr.	7
FARAFRA	360	2	15	02	0	0	—	13.1		21	35		14		41	7	0	Dr.	
DAKHLA	140	3	35	00	0	0	—	10.6	-1.7	26	35	-2	20	+1	18	0	0	Dr.	
KHARGA	360	1	35	00	0	0	—	8.9	-2.4	26	37	-1	23	+2	51	15	0	0	
SUEZ	360	9	35	00	0	2	Cu	12.4	-0.3	21	31	-1	18	0	83	18	0	12	17
TÛR	340	5	35	00	1	3	Ci			23	30	-1	20	0	65	16	0	Dr.	13
HURGHADA	330	16		03	0	3	Ac	8.5		24	28		19		61	16	0	7	
QUSEIR	360	9	15	00	1	3	Ac	8.8	-1.9	26	30	-1	23	0	62	18	0	0	4
PORT SUDÂN	140	7	30	00	0	4	Ac	7.6		32			26		56	22	0	34	96
WÂDI HALFA	360	3	10	03	0	2	Ac	9.4		30	40		26		27	9	0	14	
ABU HAMAD	00	0	35	01	2	7	Cs	7.3		31			27		46	18	0	17	
KAREIMA	260	6	30	00	0	0	—	8.3		29	38		26		55	19	0	5	1
'ATBARA	230	9	30	00	0	0	—	8.7		28	37		23		52	17	dr	7	5
KHARTÛM	200	13	30	02	0	0	—	9.3		26	35		21		66	19	3	13	6
KASSALA	50	2	30	02	1	8	Ac	9.5		25	37		24		70	19	dr	16	17
WÂD MEDANI	180	5	50	01	9	4	Ac	10.6		25	37		21		84	22	15	36	19
RENK	230	2	50	02	1	4	Cu			26	39		21		79	22	6	0	68
ROSEIRES	180	19	35	02	2	2	As,Fc			29	36		23		52	18	dr	8	77
EL OBEID	180	11	30	02	2	3	Ac	9.3		27	36		25		37	11	0	12	25
EL FÂSHER	170	5	30	00	0	0	—			28	39		24		58	17	0	1	10
GENEINA	00	0	10	02	9	8	Cs			27	36		24		45	14	dr		15
MALAKÂL	90	4	10	01	9	8	St	13.6		21	38				95	21	45	172	150
WÂU	360	14	30	95	9	8	Sc	11.9		23	35		23		95	20	dr	295	289
JUBA	180	9	30	02	2	7	Ac	10.3		25	34		23		79	21	0	293	375

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

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

Remarks

RAWINSONDE

Farouk AIRPORT — On 14th At 4h

Pressure mbs.	Height above M.S.L. feet	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	104	15	94	350	6
950					
900					
850	1480	14		10	2
800					
700	3087	4		280	7
600					
500	5724	-14		300	15
400		-27			
300	7384	-44			

AIRPORT — On At

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

UPPER WIND OBSERVATIONS on 13th

Height m.	Matrûh Time 14 Dir.	Matrûh Vel.	Fouad Airp. Time 14 Dir.	Fouad Airp. Vel.	Port Said Time 14 Dir.	Port Said Vel.	Minya Time 15 Dir.	Minya Vel.
300	350	12	360	16	360	19	350	22
600	330	8	360	16	360	16	350	31
1000	310	10	350	15	360	13	350	40
1500	310	12	300	7	360	6	360	42
2000	320	5	220	2	290	3	330	23
3000	290	10	210	10	300	4		
4000	300	16	260	13				
5000								
6000								
7000								
8000								

HUMIDITY %
Mean of day

Station	on 13th	Diff from normal
Alexandria	73	+2
Ezbekiya	58	+8
Gîza	52	+1
Helwân	43	+5

GÎZA
GRASS MINIMUM TEMP.
ON 14th 11.2 °C.

UPPER WIND OBSERVATIONS on 14th

Height m.	Sîdi Barâni Time 5 Dir.	Vel.	Matrûh Time 4 Dir.	Vel.	Fouad Airport Time 3 Dir.	Vel.	Port Said Dir.	Vel.	El 'Arîsh Dir.	Vel.	Helwân Time 7 45 Dir.	Vel.	Minya Time 3 Dir.	Vel.	Asyût Manqabad Time 8 30 Dir.	Vel.	Luxor Time 5 45 Dir.	Vel.	Aswân Time 5 Dir.	Vel.	Hurghada Time 9 Dir.	Vel.	Farouk A.P. Time 4 Dir.	Vel.
300	120	3	100	5	340	11					360	19	10	24	320	7	40	8	20	9	330	26	20	10
600	70	4	120	10	10	13					20	14	10	25	330	12	200	12	10	16	330	8	30	11
1000	100	5	130	8	10	11					40	16	10	24	320	13	200	20	20	12	320	10	20	10
1500	250	13	10	15	350	7					70	7	20	26	320	7			10	4	250	5	10	2
2000					10	10									290	12			200	5	220	14	60	1
3000					350	9									240	15			250	12	230	29	280	7
4000															280	15								
5000																							280	17
6000																								
7000																								
8000																								

Height m.	Sîwa Time 4 45 Dir.	Vel.	Bahariya Time 5 Dir.	Vel.	Dakhla Time 5 Dir.	Vel.	Kharga Time 5 Dir.	Vel.	Wâdi Halfa Time 4 Dir.	Vel.	Abu Hamad Time 3 30 Dir.	Vel.	Kareima Time 4 30 Dir.	Vel.	Khartûm Time 4 Dir.	Vel.	Kassala Time 4 Dir.	Vel.	El Obeid Time 3 30 Dir.	Vel.	El Fâsher Time 4 15 Dir.	Vel.	Malakâl Dir.	Vel.
300	120	16	60	8	60	6	10	16	20	13														
600	110	11	60	13	30	12	10	21	60	11	240	9	190	17	190	17	190	10						
1000	40	6	360	12	360	17	310	19	70	6	190	8	200	15	190	15	190	9	200	17	170	7		
1500	340	16	10	27	320	17	60	17	140	5	30	4	220	5	210	9	240	4	220	7	200	14		
2000	20	29	20	22	340	32					10	7	180	2	100	4	360	1	260	11				
3000	10	35	340	20					250	3			120	4	70	1	80	5			60	16		
4000	10	33	360	14					340	9							70	7						
5000			330	6																				
6000																								
7000																								
8000																								

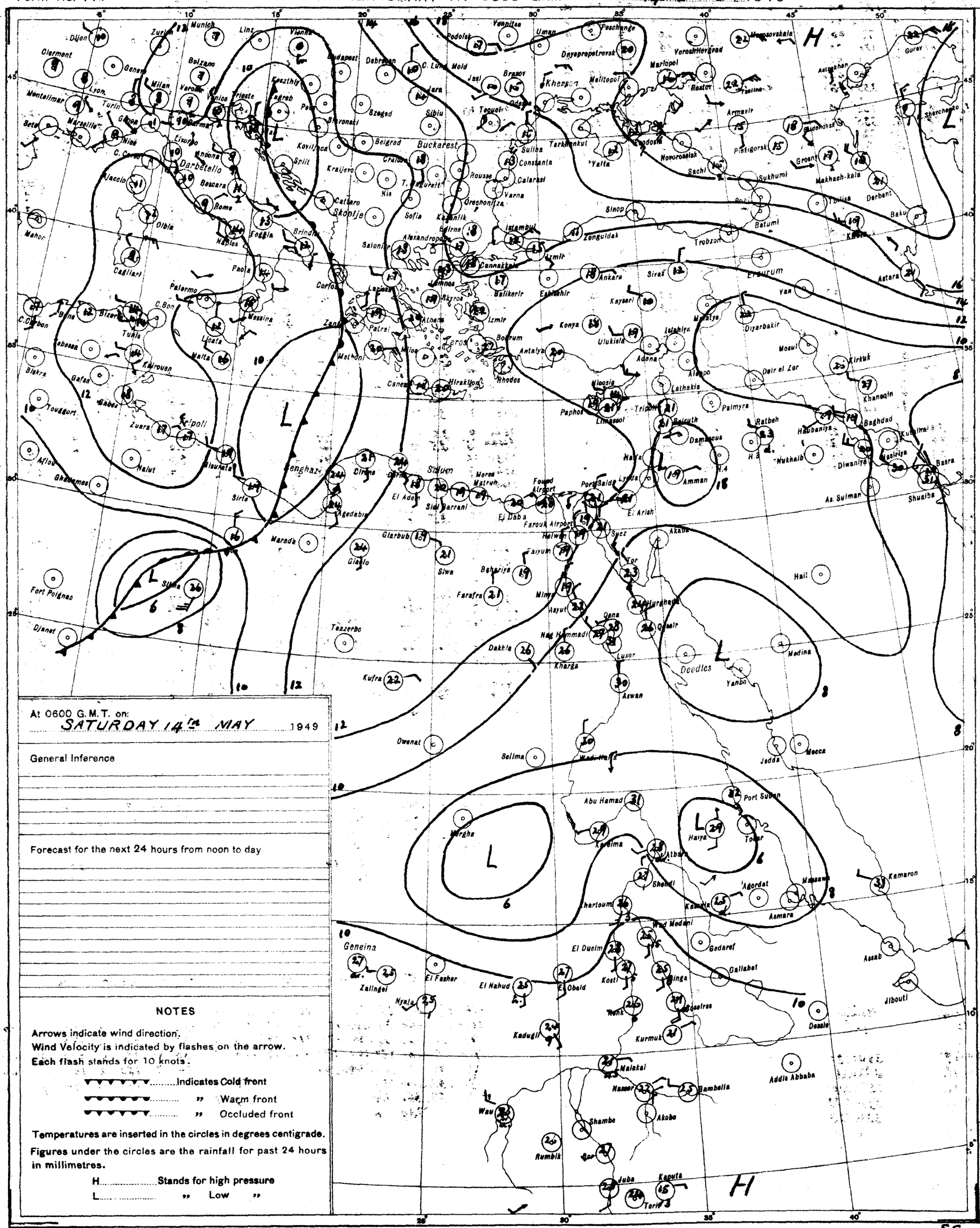
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 14 - 5 - 1949


Dijon
Clermont
Munich
Zurich
Linz
Vienna
Budapest
Dabrenan
Podolsk
Yeropitsa
Uman
Peschanoe
Dnyepropetrovsk
Voroshilovgrad
Mariopol
Rostov
Astrakhan
Gurev
Kherson
Melitopol
Odessa
Brasov
Jassy
Tecuci
Sibiu
Buckarest
Constanta
Calarasi
Rousse
Varna
Sulina
Tarkhankut
Yalta
Armavir
Pyatigorsk
Novorossiisk
Sochi
Sukhumi
Groznyi
Makhach-kala
Derbent
Tbilisa
Batumi
Baku
Sinop
Trobzon
Zonguldak
Ankara
Sivas
Erzurum
Yan
Astara
Kayseri
Malatya
Diyarbakir
Mosul
Kirkuk
Khaneqin
Baghdad
Kut el Imara
Basra
Shuaiba
As Suiman
Diwaniya
Nasiriya
Nukhaib
Ratbeh
Habbaniya
Konya
Ulukisla
Iskiliya
Adana
Aleppo
Deir el Zor
Lathakia
Palmyra
Beirut
Damascus
Haifa
Amman
Lydda
Port Said
El Arish
Akaba
Tor
Suez
Helwan
Farouk Airport
Fayum
Cairo
Mersa Matruh
Sidi Barrani
El Daba
El Adem
Siwa
Bahariya
Farafra
Minya
Hayat
Qena
Nag Hammadi
Luxor
Kharga
Dakhla
Aswan
Qoseir
Hurghada
Medina
Yanbo
Jedda
Mecca
Deodles
Hail
Port Sudan
Tokar
Haiya
Kassala
Atbara
Abu Hamad
Wadi Halfa
Berber
Shendi
Khartoum
Wad Medani
Gedaref
Gallabat
Kamaron
Asmara
Massawa
Agordat
Assab
Jibouti
Dessie
Addis Abbaba
Gambella
Malakal
Nasser
Akobo
Shambe
Wau
Rumbik
Bor
Juba
Kapoeta
Torit
Geneina
Zalingei
Nyala
El Fasher
El Nahud
El Obeid
Kosti
Renk
Kadugli
Kurmuk
El Dueim
Sennar
Roseires
Tripoli
Benghazi
Cirene
Tobruk
Sirte
Agedabia
Marada
Giarabub
Giado
Zuara
Nalut
Misurata
Malta
Gafsa
Tunis
Kairouan
Biskra
Tougourt
Bizerta
Palermo
Messina
Catania
Naples
Foggia
Brindisi
Bari
Corfu
Salonika
Athens
Patrai
Zante
Kalamata
Crete
Rhodes
Bodrum
Antalya
Izmir
Istanbul
Canakkale
Balikesir
Eskisehir
Sofia
Skoplje
Belgrad
Kragujevo
Koviljaca
Split
Zagreb
Szegad
Pecs
Sopronszi
Keszthely
Trieste
Venice
Verona
Milan
Genoa
Turin
Lyon
Marseille
Montelimar
Nice
Ajaccio
Bastia
Rome
Olbia
Cagliari
Tripoli
Fort Polignac
Djanet
Owenat
Kufra
Selima
Wadi Halfa
Port Etienne
Dakar
Bathurst
Freetown
Monrovia
Accra
Lagos
Kano
Maiduguri
Fort Lamy
Nigrine
Bangui
Stanleyville
Leopoldville
Elisabethville
Tananarive
Tamatave
Mahe
Seychelles
Diego Suarez
Mombasa
Nairobi
Dar es Salaam
Tabora
Kampala
Entebbe
Mogadishu
Kismayu
Lamu
Zanzibar
Tanga
Lindi
Mozambique
Beira
Lourenco Marques
Salisbury
Bulawayo
Tete
Blantyre
Lusaka
Ndola
Mbeya
Iringa
Tabora
Mwanza
Kisumu
Eldoret
Nairobi
Mombasa
Tanga
Dar es Salaam

CAIRO
Time of Sunrise 03 02 G.M.T.
" " Sunset 16 41 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: Sunday 15th May, 1949

At 1200 on Sat. 14th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM	140	5	7	03	2	7	Ci	17.4	23	74	18
	62303	SÎDI BARÂNI	70	4		03	2	6	As,Cc	14.3	21	63	18
	62306	MATRÛH	50	4		03	0	1	Ci	12.9	22	57	13
	62309	EL DABA	060	15		00	0	9	Ac,Ci		22	65	15
		ALEXANDRIA	360	15	50	00	0	0	—	12.3	22	57	13
	62316	FOUAD (Airport)	340	14	18	03	0	3	Ci	12.3	23	61	15
	62330	DAMIETTA	360	2	15	00	0	0	—	11.6	23	61	15
	62333	PORT SA'ID	350	10	30	02	0	0	—	11.6	22	65	15
	62336	EL 'ARISH			35	01	0	0	—	12.2	22	65	15
Lower Egypt	62339	DAMANHUR	360	13	15	02	1	1	Ci	12.7	26	48	14
	62342	MANSURA	360	5	35	00	0	0	—	11.1	30	31	11
	62348	TANTA	310	5	35	02	1	0	—	11.1	30	31	11
	62354	ZAGAZIG	320	5	15	00	1	0	—	10.4	30	35	13
	62441	ISMAÎLIA	360	5	15	02	0	0	—	10.2	28	33	10
Cairo Area	62366	FAROUK (Airport)	360	4	18	03	0	1	Ci	10.0	30	27	5
	62372	ALMAZA	360	10	30	03	0	1	Ci	10.1	29	31	10
		EZBEKIYA	360	8	35	00	0	1	Ci	10.2	29	26	8
		GIZA	360	8	35	00	0	1	Ci	10.7	30	21	5
	62378	HELWÂN	320	15	35	03	0	1	Cc	9.6	29	19	3
Upper Egypt	62381	FAIYÛM	330	2	35	02	0	0	—	9.9	30	16	1
	62387	MINYA	20	12	14	00	0	1	Ci	9.4	32	10	-3
	62393	ASYÛT MANQABAD	360	5	30	00	0	0	—	8.5	32	11	-2
	62399	NAG' HAMMÂDI	320	3	7	00	0	0	—	7.0	34	14	3
	62402	QENA	20	9	50	00	0	0	—	6.0	38	13	5
	62405	LUXOR											
	62414	ASWÂN	360	2	50	01	1	4	As	5.0	38	17	9
Oases	62417	SÎWA	00	0	35	00	0	0	—	13.8	32	34	14
	62420	BAHARÎYA	360	3	35	02	0	0	—	10.8	30	11	-4
	62423	FARAFRA	360	2	35	02	0	0	—	11.8	32	10	-3
	62432	DAKHLA	320	6	50	00	0	0	—	8.0	34	10	-2
	62435	KHARGA	00	0	35	00	0	0	—	8.7	34	27	12
Red Sea	62450	SUEZ	00	0	35	01	0	0	—	8.3	28	52	17
	62459	TÔR	310	11	35	00	0	0	—	6.7	27	55	17
	62462	HURGHÂDA	360	9		00	0	0	—	7.3	26	70	20
	62465	QUSEIR	360	9	15	02	1	3	Cc	7.9	27	70	21
	62641	PORT SÛDÂN											
North Sûdân	62600	WÂDI HALFA	360	2	10	03	0	3	Cu	4.2	39	18	11
	62640	ABU HAMAD	230	2	30	17	2	6	Cu,Sc	3.3	39	18	11
	62660	KAREIMA											
	62680	'ATBARA	250	5	30	03	1	3	Cu	3.6	36	21	12
	62721	KHARTÛM	160	6	30	03	1	1	Cu	5.0	37	27	15
	62730	KASSALA	250	2	30	01	1	3	Cu,Ac	5.0	37	27	15
Central Sûdân	62751	WÂD MEDANI	230	5	35	02	1	4	St	5.8	34	36	17
	62801	RENK											
	62802	ROSEIRES	230	9	35	02	1	2	As		33	36	16
	62771	EL OBEID	190	6	30	03	1	7	Cu,Ac	5.6	34	34	16
	62760	EL FÂSHER	150	5	7	05	0	0	—	3.6	36	24	12
	62770	GENEINA											
S. Sûdân	62840	MALAKÂL	280	2	50	61	6	8	Cu,Ac	8.7	27	62	19
	62880	WÂU	00	0	30	02	9	8	Sc,Ac	10.2	28	62	20
	62941	JUBA	310	5	30	15	2	6	Cu,Ci	5.7	33	47	20

At 1800 on Sat. 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.
WÂDI HALFA	00	0	7	02	0	0	—	12.0	19	68	17	0
ABU HAMAD	00	0	13	01	1	2	Ci	12.8	18	78	14	0
KAREIMA	360	13		00	0	0	—		21	74	16	0
ALEXANDRIA	360	6	7	01	1		Cu,Ci	12.6	20	83	17	0
FOUAD (Airport)	10	7	12	00	0	0	—	12.1	18	88	16	0
DAMIETTA	320	5		03	1	2	Cu	12.1	19	82	9	0
PORT SA'ID	350	13	14	02	0	2	Sc	11.6	20	46	6	0
DAMANHUR	360	4	15	02	1	1	Ci	12.3	19	73	14	0
MANSURA	320	5	3	00	0	0	—	12.6	20	63	17	0
TANTA	00	0		02	0	0	—	11.7	22	55	15	0
ZAGAZIG	40	5	3	00	0	0	—	11.9	22	65	15	0
ISMAÎLIA	20	2	7	02	0	0	—	11.9	21	61	13	0
FAROUK (Airport)												
ALMAZA												
EZBEKIYA	360	6	15	00	0	0	—	11.9	23	47	11	0
GIZA	360	6	15	00	0	0	—	11.5	25	32	7	0
HELWÂN	360	13	35	01	0	0	—	10.8	25	34	8	0
FAIYÛM	00	0	35	02	0	0	—	9.4	25	42	11	0
MINYA	360	7	10	00	0	0	—	9.7	25	30	6	0
ASYÛT MANQABAD												
NAG' HAMMÂDI	00	0	7	00	0	0	—	10.4	27	33	9	0
QENA	240	5	7	02	0	0	—	10.3	27	33	9	0
LUXOR	00	0	12	00	0	0	—	8.5	29	23	6	0
ASWÂN	360	5	50	00	0	0	—	6.0	35	15	5	0
SÎWA	00	0	35	00	0	0	—	12.3	22	50	11	0
BAHARÎYA	360	2	15	02	0	0	—	11.1	25	22	2	0
FARAFRA	360	2	15	01	1	1	Ac	10.6	24	15	-5	0
DAKHLA	320	3	35	00	0	0	—	7.6	30	7	-10	0
KHARGA	360	2	15	00	0	0	—	8.7	27	27	6	0
SUEZ	360	5	15	02	0	0	—	10.6	23	65	16	0
TÔR	310	8	35	00	0	0	—	7.8	24	69	18	0
HURGHÂDA												
QUSEIR	20	9	15	02	0	0	—	7.1	25	70	19	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Sunday 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.	Diff. from normal mbs.	Temp. 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	3	7	01	2	3	Sc	10.0		24	25		16		54	14	0		
SÎDI BARÂNI	160	10	50	02	0	6	Ci,Cu	10.4		26			16		42	12	0	276	
MATRÛH	220	10	14	00	0	0	—	11.4		24			16		47	12	0		
EL DABA	180	21		00	0	9	Cb	11.4		19	24		16		73	17	0		
ALEXANDRIA	00	0	35	01	2	0	—	12.4	-1.6	21	26	-3	17	-1	74	16	0	267	185
FOUAD (Airport)	160	6	10	02	4	3	Sc	12.1		20	24		16		83	17	0	265	136
DAMIETTA	320	2		02	1	3	As,Ac,Ci	12.6	-0.6	21	24		13		83	16	0	318	104
PORT SA'ID	280	7	12	03	0	2	Sc	12.7		21	25		18		74	16	0	71	
EL 'ARISH			35	01	0	0	—	11.9	-1.6	23			10	+1	65	16	0		92
DAMANHUR	360	4	7	02	1	1	Ci	13.6	-0.2	20	27	-3	13	-2	83	17	0	102	100
MANSURA	160	5	25	01	1	3	Sc	12.6	-0.9	22	31	0	15	-1	65	15	0	49	53
TANTA	00	0	35	02	0	0	—	13.5	-0.4	20			12	-3	73	15	0	34	42
ZAGAZIG	40	5	7	03	0	3	Ci	12.7	-1.1	22	32	0	14	-1	65	15	0	21	27
ISMAÎLIA	20	2	7	00	1	3	Ac	12.2		20	29		16		73	15	0	14	
FAROUK (Airport)	20	6	12	01	1	1	Ci	12.4		18			15		88	16	0		
ALMAZA	40	8	11	03	0	2	Cc	12.3	-0.9	19			16		78	15	0	8	
EZBEKIYA	330	8	15	00	0	1	Ci	12.2	-1.0	21	31	-1	16	-1	65	14	0	8	25
GIZA	330	8	15	00	0	1	Ci	12.6	-0.6	21	31	-1	13	-1	64	14	0	16	25
HELWÂN	340	8	15	00	0	1	Ci	11.9	-1.1	21	30	-2	15	-2	41	7	0	16	28
FAIYÛM	360	5	35	02	0	0	—	11.9	-1.1	20	31	-3	15	-2	64	13	0	8	8
MINYA	10	8	10	00	0	0	—	11.8		20	32		15		69	14	0	5	
ASYÛT MANQABAD	340	6	30	00	0	1	—	11.1		24	33		18		38	9	0	dr.	
NAG' HAMMÂDI	00	0	7	00	0	3	Cc	9.8	-1.3	25	35		18		42	11	0	0	
QENA	240	5	35	00	0	0	—	9.5	-1.2	25	37	+1	20	0	28	5	0	dr.	
LUXOR											39							dr.	
ASWÂN	00	0	50	00	0	0	—	9.5	-1.2	28	40	+1	22	-1	20	3	0	2	
SÎWA	00	0	35	00	0	0	—	12.4	-2.0	23	34	0	15	-1	50	12	0	dr.	8
BAHARÎYA	00	0	35	02	0	0	—	12.3	-1.1	23	32	-2	13	-4	50	12	0	dr.	7
FARAFRA	00	0	35	02	0	0	—	12.6		24	33		16		32	6	0	dr.	
DAKHLA	00	0	35	00	0	0	—	10.6	-1.6	24	34	-4	19	0	21	0	0	dr.	
KHARGA	00	0	35	00	0	0	—	10.8	-0.4	25	35	-3	20	-1	42	11	0	0	
SUEZ	00	0	35	00	0	0	—	10.8	-1.8	22	31	-1	17	-1	74	17	0	12	
TÔR	310	4	15	00	0	0	—	9.3	-1.4	23	29	-2	21	+1	74	18	0	dr.	13
HURGHADA	330	16		00	0	0	—	9.6		24			23		47	12	0	7	
QUSEIR	360	9	15	00	0	0	—	9.4	-1.3	27	28	-3	22	-1	42	13	0	0	4
PORT SÛDÂN	90	2	30	00	1	0	—	8.1		31	38		24		49	19	1	35	46
WÂDI HALFA																	0	14	
ABU HAMAD																	0		
KAREIMA	50	3	30	00	0	0	—	6.9		31	37		25		31	12	0	5	1
'ATBARA	270	9	30	02	0	0	—	6.2		31					31	12	0	7	5
KHARTÛM	230	9	50	00	0	2	Sc	6.6		29	38		22		52	18	0	13	6
KASSALA	110	1				6	Ac				39		24			17	dr.	16	18
WÂD MEDANI	230	9	50	00	0	2	Sc	6.6		29			22		52	18	0	36	19
RENK																	0		69
ROSEIRES																	0	8	79
EL OBEID																	0	12	25
EL FÂSHER	10	2				1					38		21			18	5	6	11
GENEINA	50	1	30	00	1	0	—												16
MALAKÂL																	1	173	152
WÂU	00	0	30	00	1	2	Ci	11.0		25	31		22		74	20	32	317	293
JUBA	240	5	30	02	2	7	As	10.0		22	33		21		94	21	32	325	380

HUMIDITY % Mean of day

Station	on 14th	Diff. from normal
Alexandria	78	+7
Ezbekiya	56	+6
Gîza	47	-3
Helwân	49	+11

GÎZA GRASS MINIMUM TEMP.

ON 15th 9.0 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

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

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

UPPER WIND OBSERVATIONS on 14th

Height m.	Malruh Dir.	Malruh Vel.	Foad A.P. Dir.	Foad A.P. Vel.	P. Said Dir.	P. Said Vel.	Minya Dir.	Minya Vel.
Time	13	45	15		14		15	
300	30	6	340	32	330	16	360	15
600	300	3	340	21	330	14	350	21
1000	350	4	350	18	340	17	360	21
1500	10	14	10	14	320	12	350	
2000	350	18	10	12	270	16	340	35
3000	340	23						
4000	310	18						
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 15th

Station	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Sa'id Dir.	Port Sa'id Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabad Dir.	Asyût Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Almaza Dir.	Almaza Vel.
Time	5		4				3				7	15	3		8	30			5		9		8	
300	170	13	150	14			100	4			330	3	360	26	320	9			360	4	340	12	30	7
600	170	9	180	8			50	7			50	10	10	25	320	10			360	15	340	5	70	11
1000	180	8	120	9			40	12			30	13	350	31	330	12			360	11	360	10	30	8
1500	190	8	80	7			290	3			350	9	350	8	10	11			250	9	240	7	350	9
2000			320	10			320	6			350	6	10	18	10	10			190	16	240	6	340	1
3000			320	19			350	12							290	4					260	9	350	8
4000			300	30			340	6													140	8	320	12
5000			300	32			310	19													220	5	290	13
6000																								
7000																								
8000																								

Station	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time	4	45	5		5		5				3	30												
300	130	25	120	6	110	3	320	10																
600	130	19	80	8	70	6	320	16			130	10												
1000	130	10	40	16	360	11	310	17			110	9												
1500	160	10	60	23	350	24	230	12			90	11												
2000	130	5	70	24	350	35	310	13																
3000	280	10																						
4000	290	16																						
5000	300	28																						
6000	300	43																						
7000	270	29																						
8000																								

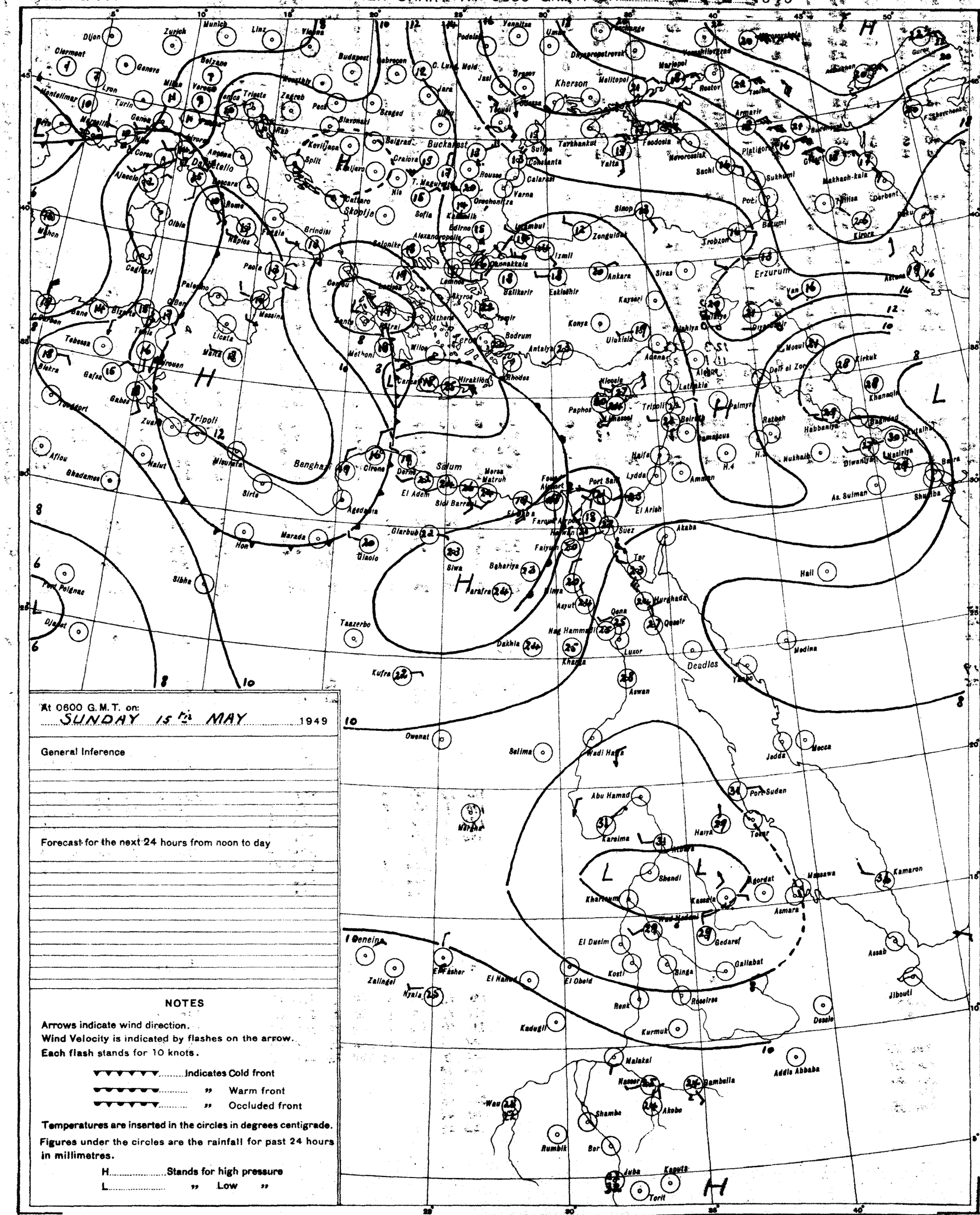
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 15 — 5 — 1949



At 0600 G.M.T. on:
SUNDAY 15th MAY 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

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

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

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

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	○
State of sky generally unchanged	02	○
Clouds developing	03	○
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Visibility more than 1000 metres: Dry haze	05	∞
Visibility more than 1000 metres: Dust in the air	06	S
Visibility more than 1000 metres: " or sand raised by wind	07	
Visibility more than 1000 metres: Dust devil	08	
Visibility more than 1000 metres: Duststorm or sandstorm within sight or at station during last hour	09	
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	1	
Cirrostratus	Cs	2	
Cirrocumulus	Cc	3	
Altocumulus	Ac	4	
Altostratus	As	5	
Stratocumulus	Sc	6	
Nimbostratus	Ns	7	
Cumulus or Fractocumulus	Cu or Fc	8	
Cumulonimbus	Cb	9	
Stratus or Fractostratus	St or Fs	0	—

AMOUNT OF CLOUD

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

S of E 1948(48/185)(48/450)

SCALE 1:15,000,000

F.3.

CAIRO

Time of Sunrise 03 01 G.M.T.

" " Sunset 16 41 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: Monday 16th May, 1949

At 1200 on Sun. 15th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM	90	3	7	01	0	1	Ac	9.3	23	61	15
	62303	SÎDI BARÂNI	40	3	50	02	2	8	Ac	10.2	23	74	18
	62306	MATRÛH											
	62309	EL DABA	40	22		00	0	0	—		20?	73	15
		ALEXANDRIA	60	8	35	02	2		Cu, Ac	11.0	23	74	17
	62318	FOUAD (Airport)	20	13	18	03	0	1	Ci	11.5	25	51	14
	62330	DAMIETTA	340	2	15	01	0	1	Ac	11.5	25	54	15
	62333	PORT SA'ID	360	9	30	01	0	1	Ci	12.3	25		
	62336	EL 'ARISH	320	3	35	03	0	2	Cu	11.6	22	74	17
Lower Egypt	62339	DAMANHUR	180	9	15	02	0	0	—	12.0	31	28	10
	62342	MANSURA	40	2	35	00	1	0	—	11.1	22	20	6
	62348	TANTA	90	2	35	02	0	0	—	11.0	32	24	9
	62354	ZAGAZIG											
	62441	ISMA'ILIA	20	2	15	02	1	3	As	10.6	31	17	3
Cairo Area	62366	FAROUK (Airport)	40	10	15	02	0	2	Ci	10.6	31	31	12
	62372	ALMAZA	30	10	30	00	0	1	Ci	10.2	31	22	6
		EZBEKIYA	360	4	35	00	0	0	—	10.3	32	18	5
		GIZA	360	4	35	00	0	0	—	11.0	31	15	2
	62378	HELWAN	360	2	35	00	0	0	—	10.0	32	10	-3
Upper Egypt	62381	FAIYUM	360	2	35	02	0	0	—	10.0	32	10	-3
	62387	MINYA	10	10	12	00	0	0	—	10.2	33	12	0
	62393	ASYUT MANQABAD	320	6	30	00	0	0	—	8.7	34	14	3
	62399	NAG' HAMMADI	00	0	15	00	0	0	—	7.8	35	23	11
	62402	QENA	240	5	50	03	1	2	Cu	7.2	38	16	8
	62405	LUXOR											
	62414	ASWAN	220	6	50	00	0	0	—	7.4	36	9	-2
Oases	62417	SIWA	180	5	35	00	0	0	—	11.6	36	47	23
	62420	BAHARIYA	360	4	35	02	0	0	—	10.3	34	10	-2
	62423	FARAFRA	40	2	35	02	0	0	—	10.4	35	12	1
	62432	DAKHLA	290	8	50	00	0	0	—	7.2	35	12	1
	62435	KHARGA	00	0	35	00	0	0	—	8.8	35	23	11
Red Sea	62450	SUEZ	00	0	35	03	0	1	As	9.1	30	46	17
	62459	TOR	310	9	35	00	0	0	—	8.5	28	52	17
	62462	HURGHADA	360	10		03	0	1	Ci	8.3	26	70	20
	62465	QUSEIR	360	13	15	00	1	3	Ci	6.4	27	70	21
	62641	PORT SUDAN	70	20	30	18	2	8	Cu, Ac	5.4	33	70	27
North Sudan	62600	WADI HALFA	340	11	30	00	0	0	—	6.5	38	9	-1
	62640	ABU HAMAD	00	0	30	17	2	7	Cu, Ci	3.4	38	18	10
	62660	KAREIMA	80	1	30	00	0	1	Cu	4.5	40	14	8
	62680	'ATBARA	310	5	30	03	8	8	Cu, Cs	3.2	39	17	10
	62721	KHARTUM	140	15	10	81	3	8	Sc	4.9	38	31	18
	62730	KASSALA	160	5	30	03	1	7	Cu, Ac	4.4	36	31	16
Central Sudan	62751	WAD MEDANI											
	62801	RENK											
	62802	ROSEIRES	200	5	15	02	2	7	As		32	41	17
	62771	EL OBEID	200	3	30	80	1	5	Ac	4.1	36	27	14
	62760	EL FASHER	40	5	30	01	1	3	Cu		37	20	11
	62770	GENEINA	270	10	30	01	0	5	Cu		36	22	11
S. Sudan	62840	MALAKAL	160	5	50	03	2	7	Cb, Ac	6.8	33	47	20
	62880	WAU	00	0	30	00	0	2	Cu	8.8	33	41	18
	62941	JUBA	90	5	30	02	1	3	Cu, Ac	7.1	30	66	23

At 1800 on Sun. 15th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALUM	360	6	3	01	0	0	—	8.4	21	65	14	0
SÎDI BARÂNI	70	3	35	01	1	0		8.6	20	88	18	0
MATRÛH	150	9	12	00	0	0	—	8.3	22			0
EL DABA	40	10		00	0	0	—		19	73	14	0
ALEXANDRIA	90	5	3	00	0	0	—		21	65	14	0
FOUAD (Airport)	40	6	14	00	0	0	—	10.3	20	73	15	0
DAMIETTA	360	2		02	0	1	Cu	11.5	22	83	19	0
PORT SA'ID	30	11	18	03	0	3	Ci	10.8	21	83	18	0
EL 'ARISH	360	9	15	03	1	3		11.8	20	83	17	0
DAMANHUR	180	9	15	02	0	0	—	10.4	23	65	16	0
MANSURA	40	2	3	00	0	0	—	11.0	23	50	12	0
TANTA	90	2	18	02	0	0	—	10.6	26	30	7	0
ZAGAZIG	40	9	3	00	0	0	—	10.6	24	54	14	0
ISMA'ILIA	40	2	7	01	0	0	—	10.3	23	65	15	0
FAROUK (Airport)	40	12	12	00	0	0	—	4.6	27	33	9	0
ALMAZA	40	9	12	00	0	0	—	9.2	26	33	10	0
EZBEKIYA	30	1	15	00	0	0	—	9.6	26	33	8	0
GIZA	30	1	15	00	0	0	—	10.3	27	23	4	0
HELWAN	20	11	15	01	0	0	—	8.8	28	22	4	0
FAIYUM	360	2	35	00	0	0	—	8.4	26	30	7	0
MINYA	00	0	8	00	0	0	—	8.9	26	30	7	0
ASYUT MANQABAD												
NAG' HAMMADI	00	0	7	00	0	0	—	6.8	26	42	12	0
QENA	270	5	7	00	1	0	—	7.4	30	21	5	0
LUXOR												
ASWAN	00	0	50	00	0	0	—	6.6	34	6	-8	0
SIWA	00	0	35	00	0	0	—	8.6	31	88	29	0
BAHARIYA	00	0	15	02	0	0	—	9.4	28	22	4	0
FARAFRA	130	1	15	02	0	0	—	9.0	29	—	—	0
DAKHLA	320	3	35	00	0	0	—	8.2	32	7	-9	0
KHARGA	00	0	15	00	0	0	—	6.7	28	25	6	0
SUEZ	360	4	15	01	0	0	—	9.1	25	70	19	0
TOR	310	5	15	00	0	0	—	7.0	25	61	17	0
HURGHADA	00	0		00	0	0	—	8.1	25	74	20	0
QUSEIR	20	9	15	02	0	0	—	8.0	25	74	20	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on Monday 16th May,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Bar. Pressure Diff. from normal mbs	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	40	6	7	01	2	6	Ac, Ci	7.6		20	25		16		83	17	0		
SÎDI BARÂNI	00	0	50	03	1	8	Sc, Cs, C	7.8		20	26		16		88	18	0	276	
MATRÛH	220	17	15	03	1	6	Ac	7.2		23			15				0		
EL DABA	140	20		01	1	3	Cu	8.4		24			15		32	6	0		
ALEXANDRIA	130	15	50	00	0	0	—	9.8	-4.1	24	25	-1	17	-1	41	10	0	267	185
FOUAD (Airport)	140	16	30	01	0	1	Ac, Ci	9.9		24	26		17		47	12	0	265	138
DAMIETTA	140	2		02	0	2	Ac	11.5	-1.9	24	27		17		69	18	0	318	105
PORT SA'ID	120	6		02	0	3	Ci	11.8		24	26		19		64	14	0	71	
EL 'ARISH	180	2	35	01	0	0	—	11.9	-1.6	23	25	-2	14	-1	60	12	0		93
DAMANHUR	180	9	7	02	0	0	—	10.7	-3.1	25	32	+2	17	+2	42	11	0	102	100
MANSURA	110	5	35	00	0	0	—	11.0	-2.5	21	33	+2	16	0	65	14	0	49	54
TANTA	130	2	35	02	0	0	—	11.5	-2.3	23	32	0	14	-1	61	15	0	34	42
ZAGAZIG	140	5	7	00	0	0	—	11.1	-2.7	24	33	+1	17	+2	54	14	0	31	27
ISMA'ILIA	180	2	7	02	1	3	Ci	11.0		24	25		16		47	12	0	14	
FAROUK (Airport)	290	6	10	00	0	0	—	10.5		25	33		20		47	13	0		
ALMAZA	00	0	4	10	0	0	—	10.5	-2.7	24	33				47	12	0		
EZBEKIYA	00	0	15	00	0	0	—	10.3	-2.9	26	33	+1	19	+2	31	8	0	8	25
GIZA	00	0	15	00	0	0	—	10.7	-2.5	26	32	0	14	-1	33	10	0	16	25
HELWAN	00	0	7	00	0	0	—	10.7	-2.3	26	33	+1	20	+2	21	2	0	16	28
FAIYUM	00	0	35	00	0	1	Ci	10.6	-2.4	27	34	0	17	0	33	9	0	8	8
MINYA	160	6	10	00	0	1	Ci	10.9		26	34		19		21	2	0	5	
ASYUT MANQABAD	00	0	30	00	0	0	—	11.3		28	36		20		19	2	0	dr	
NAG' HAMMADI	00	0	7	00	0	0	—	11.1	+0.1	27	36		18		42	13	0	0	
QENA	270	5	15	00	0	0	—	9.4	-1.2	25	40	+2	19	-1	28	5	0	dr	
LUXOR																		dr	
ASWAN	360	4	50	00	1	0	—	10.0	-0.6	28	39	0	23	-1	16	0	0	2	
SIWA	00	0	35	03	2	6	St	8.0	-6.3	26	37	+3	18	+2	55	16	0	dr	8
BAHARIYA	40	4	35	02	1	4	Ac	10.4	-3.0	29	36	+2	18	+1	19	3	0	dr	7
FARAFRA	00	0	35	02	1	2	Ac	10.7		23	37		15		22	0	0	dr	
DAKHLA	00	0	35	00	0	0	—	10.6	-1.6	25	34	-2	15	-4	24	3	0	dr	
KHARGA	00	0	35	00	0	0	—	10.2	-1.0	29	36	-2	18	-3	35	12	0	0	
SUEZ	00	0	35	00	0	0	—	10.6	-2.0	25	33	+1	17	-2	54	15	0	12	17
TOR											31	0						dr	13
HURGHADA	350	6		00	0	0	—	10.9		26	27		20		48	14	0	7	
QUSEIR	40	5	15	02	0	0	—	10.6	0.0	26	28	-3	22	-1	55	16	0	0	4
PORT SUDAN	230	4	10	02	2	7	As	9.7		33					47	20	0	35	96
WADI HALFA	00	0	30	00	0	0	—	10.5		26					25	4	0	14	
ABU HAMAD	230	2	30	01	2	3	Ci	9.2		30					46	17	0		
KAREIMA	160	10	10	00	0	0	—	9.3		31	41		28		41	16	0	5	1
'ATBARA	250	2	30	02	1	8	Cs	10.2		27					52	16	0	7	5
KHARTUM	180	12	30	01	1	4	Ac	10.1		27	40		23		55	17	0	13	6
KASSALA	230	2	30	01	1	7	Ac, Cs	9.2		26	37		20		70	20	10	26	18
WAD MEDANI	180	9	50	02	9	7	Ac	10.4		25	37		21		83	22	27	63	19
RENK	130	5	50	02	2	8	Cu			25	36		22		79	21	16		70
ROSEIRES	110	2	15	02	2	6	As			22	35		21		83	19	4	12	80
EL OBEID	130	11	30	01	1	1	Ac	3.2		27	37		23		68	18	33	45	26
EL FASHER	170	9	30	00	0	0	—			29	37		23		49	17	0	6	11
GENEINA	360	1	30	00	0	0	—			27	39		22		28	7	0		17
MALAKAL	70	10	50	03	1	6	Cu, Ac	10.1		27	34		23		66	20	0	173	154
WAU	00	0	30	00	0	1	Ac	9.4		27	34		24		70	21	0	319	297
JUBA	160	2	50	02	2	6	Ac	9.5		26	31		21		79	22	0	324	385

HUMIDITY

Mean of day %

Station	on 15th	Diff. from normal
Alexandria	70	-1
Ezbekiya	47	-3
Giza	41	-9
Helwân	31	-7

GIZA

GRASS MINIMUM TEMP ON 16th 6.7 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

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

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

Remarks

RAWINSONDE

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

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

UPPER WIND OBSERVATIONS on 15th

Height m.	Matruh Dir.	Matruh Vel.	Fouad A.F. Dir.	Fouad A.F. Vel.	Munya Dir.	Munya Vel.	Almaza Dir.	Almaza Vel.	P. Said Dir.	P. Said Vel.
Time	14		15		15		14		14	
300	90	16	40	10	360	23	20	10	20	9
600	210	11	40	4	10	21	30	16	30	9
1000	200	10	140	5	10	24	10	10	60	7
1500	220	11	170	4	20	24	30	13	230	3
2000			350	4						
3000										
4000										
5000										
6000										
7000										
8000										

UPPER WIND OBSERVATIONS on 16th

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyut Manqabad Dir.	Asyut Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Farouk Dir.	Farouk Vel.
Time	5		3 45		3						6 30		3		6 15				5		9		3	
300	170	4	190	31	140	20					160	5	10	4	40	2			20	9	340	10	90	11
600	180	16	210	21	150	16					120	21	20	16	110	12			30	12	330	8	80	10
1000			210	26	190	14					100	14	30	31	100	16			60	5	320	7	50	8
1500			230	21	230	10					80	6	60	24	80	16			40	3			340	13
2000					270	15					300	4	50	22	60	15			210	3			320	13
3000					270	16							10	28	20	16							310	11
4000															350	20								
5000															330	36							300	30
6000																							250	23
7000																								
8000																								

Station	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time	4 45		5		5		5 15		4														3 30	
300	170	33	130	21	100	5	20	11	30	10														
600	180	32	130	25	110	8	40	16	40	18													30	15
1000	190	36	130	30	110	10	50	16	40	15													80	13
1500	200	33	150	19	110	13	40	17	40	7													160	8
2000	220	29			110	28	30	23															210	2
3000	210	24																					320	4
4000	220	21																						
5000																							250	3
6000																							190	3
7000																								
8000																								

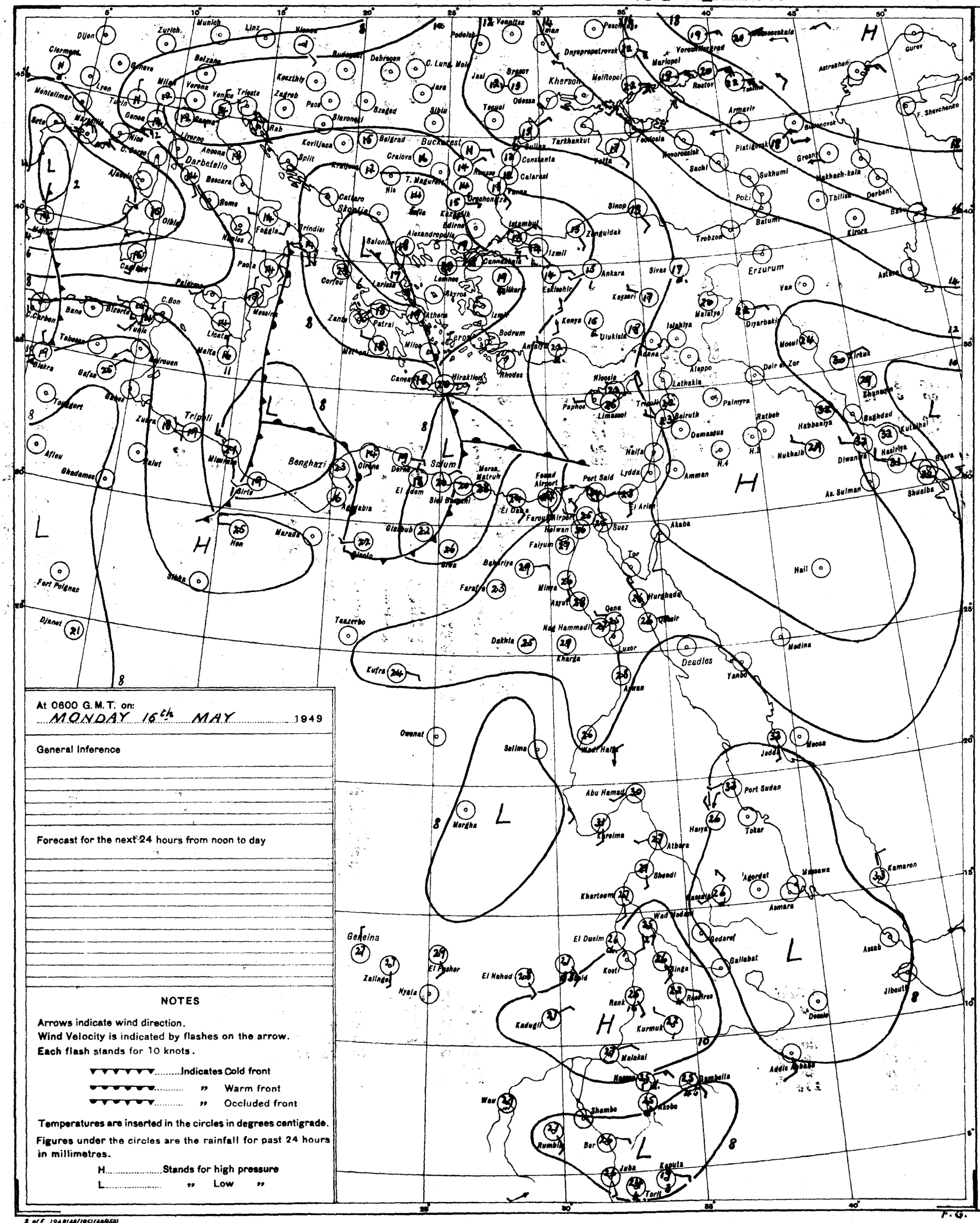
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 16 – 5 – 1949


Dijon
Zurich
Munich
Linz
Vienna
Clermont
Lyon
Geneve
Milan
Verona
Venice
Trieste
Zagreb
Pecs
Szeged
Debrecen
Kecskemet
Budapest
Bolzano
Montelimar
Marseille
Nice
Livorno
Ancona
Rome
Naples
Foggia
Brindisi
Palermo
Messina
Malta
Cagliari
Olbia
Darbetello
Bascara
Belgrad
Kovilijaca
Split
Sibiu
Craiova
Bucharest
Constanta
Calarasi
Tarkhankut
Odessa
Jassy
Braslov
Kherson
Melitopol
Dnyepropetrovsk
Mariopol
Rostov
Taganrog
Voroshilovgrad
Novorossiysk
Feodosia
Sochi
Sukhumi
Poti
Batumi
Tbilisi
Kirovabad
Derbent
Baku
Astrakhan
Gurev
Armavir
Pyatigorsk
Grozny
Makhach-kala
Trabzon
Sinop
Zonguldak
Istanbul
Izmit
Ankara
Eskisehir
Kayseri
Sivas
Erzurum
Van
Malatya
Diyarbakir
Mosul
Kirkuk
Erbil
Baghdad
Kut-el-Amara
Basra
Shuaiba
As Sulman
Ahwaz
Abadan
Bushire
Bandar Abbas
Kermanshah
Hamadan
Tehran
Mashhad
Tabriz
Rasht
Bandar Pahlavi
Nicosia
Paphos
Limassol
Tripoli
Beirut
Damascus
Haifa
Lydda
Amman
Jerusalem
Port Said
Suez
Akaba
Tor
Hurghada
Qena
Luxor
Aswan
Wadi Halfa
Port Sudan
Tokar
Massawa
Asmara
Kamaron
Assab
Djibouti
Dessie
Addis Ababa
Jedda
Mecca
Medina
Deadles
Yanbo
Hail
Ratbah
Habbaniya
Nukhaib
Diwaniya
Nasiriya
Kut-el-Amara
Kirkuk
Erbil
Mosul
Aleppo
Lattakia
Palmyra
Adana
Iskenderun
Izmir
Bodrum
Antalya
Rhodes
Heraklion
Canea
Athens
Patrai
Corfu
Salonika
Lemnos
Skyros
Alexandropolis
Edirne
Kazanlik
Sofia
Nis
Skopje
Cattaro
Split
Kragujevac
Belgrad
Kovilijaca
Rab
Zagreb
Szeged
Debrecen
Budapest
Bolzano
Vienna
Linz
Munich
Zurich
Dijon
Clermont
Lyon
Montelimar
Marseille
Nice
Genoa
Turin
Milan
Verona
Venice
Trieste
Livorno
Ancona
Rome
Naples
Foggia
Brindisi
Palermo
Messina
Malta
Cagliari
Olbia
Bascara
Darbetello
Tripoli
Benghazi
Sollum
Cirene
Derna
Marsa Matruh
El Adem
Sidi Barrani
Alexandria
Cairo
Fayid
Port Said
Ismailia
Suez
Helwan
Faiyum
Bahariya
Farafra
Minya
Asyut
Nag Hammadi
Kharga
Dakhla
Kufra
Tazerbo
Sirte
Hon
Marada
Gizabub
Siwa
Jalo
Aflou
Ghadames
Fort Polignac
Djanet
Owenat
Selima
Merga
Abu Hamad
Khartoum
Shendi
Kareima
Atbara
Wad Medani
El Duem
Kosti
Renk
Malakal
Kadugli
El Nahud
El Fasher
Zalingei
Nyala
Geneina
Wau
Rumbik
Bor
Juba
Torit
Kapoeta
Gondar
Gedaref
Gallabat
Asmara
Massawa
Agordat
Kassala
Addis Ababa
Dessie
Jibouti
Bambella
Akobo
Shamba
Nasser
Kamaron
Assab
Mecca
Jedda
Port Sudan
Tokar
Haiya
Aswan
Luxor
Qena
Hurghada
Tor
Akaba
Suez
Port Said
Lydda
Amman
Haifa
Damascus
Beirut
Tripoli
Nicosia
Paphos
Limassol
Lattakia
Palmyra
Aleppo
Adana
Iskenderun
Izmir
Bodrum
Antalya
Rhodes
Heraklion
Canea
Athens
Patrai
Corfu
Salonika
Lemnos
Skyros
Alexandropolis
Edirne
Kazanlik
Sofia
Nis
Skopje
Cattaro
Split
Kragujevac
Belgrad
Kovilijaca
Rab
Zagreb
Szeged
Debrecen
Budapest
Bolzano
Vienna
Linz
Munich
Zurich
Dijon
Clermont
Lyon
Montelimar
Marseille
Nice
Genoa
Turin
Milan
Verona
Venice
Trieste
Livorno
Ancona
Rome
Naples
Foggia
Brindisi
Palermo
Messina
Malta
Cagliari
Olbia
Bascara
Darbetello
Tripoli
Benghazi
Sollum
Cairo
Port Said
Suez
Akaba
Hail
Medina
Deadles
Yanbo
Mecca
Jedda
Port Sudan
Tokar
Massawa
Asmara
Kamaron
Assab
Djibouti
Dessie
Addis Ababa
Bambella
Akobo
Gondar
Gedaref
Gallabat
Kassala
Agordat
Kosti
Renk
Malakal
Kadugil
Kurmuk
Rumbik
Bor
Juba
Torit
Kapoeta
Wau
Geneina
Zalingei
Nyala
El Fasher
El Nahud
Kufra
Tazerbo
Sirte
Hon
Marada
Gizabub
Siwa
Jalo
Aflou
Ghadames
Fort Polignac
Djanet
Owenat
Selima
Merga
Abu Hamad
Khartoum
Shendi
Kareima
Atbara
Wad Medani
El Duem

CAIRO
Time of Sunrise 03 01 G. M. T.
" " Sunset 16 42 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: Tuesday 17 th. May, 1949

At 1200 on 16th May

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALÛM		2	7	02	2	1	Ac,Ci	2.7	25	70	19
	62303	SÎDI BARÂNI	320	6	50	01	2	6	Cs	4.8	22	88	20
	62306	MATRÛH	340	28				8	As	3.8	37		19
	62309	EL DABA		22		01	3	1	Sc,Cu		35	25	11
		ALEXANDRIA	220	16	50	01	1	0			35	12	11
	62318	FOUAD (Airport)	180	10	18	02	1	6	Cc	7.1	38	8	-2
	62330	DAMIETTA	110	2	15	00	0	0	—	9.9	30	40	15
	62333	PORT SA'ÎD	70	14	30	02	0	1	Ci	10.1	25	65	18
	62336	EL 'ARISH	40	9	35	02	0	0	—	12.7	27	52	16
Lower Egypt	62339	DAMANHUR	200	9	15	03	1	2	Ci	8.3	39	14	7
	62342	MANSURA	140	5	35	01	1	3	Ac	9.6	39	11	3
	62348	TANTA	00	0	35	01	1	6	Ac	9.5	39	14	7
	62354	ZAGAZIG	220	5	15	02	1	4	Ci	8.3	38	13	5
	62441	ISMA'ÎLÎA	160	2	15	03	2	5	Cs	9.0	38	13	5
Cairo Area	62366	FAROUK (Airport)	200	9	12	03	1	7	Ci	7.5	40	20	13
	62372	ALMÂZA	220	9	30	02	1	7	Cs	7.0	40	14	8
		EZBEKÎYA	180	2	35	00	0	3	Cs	7.2	38	13	5
		GÎZA	180	2	35	00	0	3	Cs	8.2	40	10	2
	62378	HELWÂN	200	10	35	03	2	8	Ac	7.1	39	8	-1
Upper Egypt	62381	FAIYÛM	200	5	35	03	2	8	Ci	7.8	40	10	2
	62387	MINYA	00	0	12	02	0	3	Ci	7.9	40	10	2
	62393	ASYÛT MANQABÂD	00	0	30	02	1	3	Ci	8.1	40	8	-1
	62399	NAG' HAMMÂDI	00	0	15	00	0	4	Ci	7.6	38	12	4
	62402	QENA											
	62405	LUXOR											
	62414	ASWÂN	200	9	50	00	0	0	—	7.9	39	11	3
Oases	62417	SÎWA	270	12	35	03	2	8	Ac	7.5	39		
	62420	BAHARÎYA	180	5	35	03	2	7	Ac	7.9	39	8	-1
	62423	FARAFRA	180	4	35	03	1	4	Ci	7.9	40	15	9
	62432	DAKHLA	20	6	50	00	0	0	—	6.7	39	11	3
	62435	KHARGA	00	0	35	00	0	0	—	8.8	39	17	10
Red Sea	62450	SUEZ	00	0	35	03	0	4	As	8.3	36	13	4
	62459	TÛR	310	1	35	00	0	0	—	11.0	28	40	13
	62462	HURGHÂDA	60	3		03	0	1	Cs	11.4	30	52	19
	62465	QUSEIR	90	9	15	02	0	0	—	11.1	28	70	22
	62641	PORT SUDÂN	60	13	10	01	2	8	Cu,As	8.4	33	56	23
North Sudan	62600	WÂDI HALFA	270	1	30	00	0	0	—	7.3	34	4	-9
	62640	ABU HAMAD	50	1	30	17	1	4	Cb	6.6	37	20	11
	62660	KAREIMA	250	5	10	01	0	3	Cu	5.3	39	23	14
	62680	'ATBARA	230	5	30	03	2	1	Cu,Ci	6.1	37	22	12
	62721	KHARTÛM	290	5	30	03	0	4	Cb	6.1	35	27	13
	62730	KASSALA	230	5	30	02	8	8	Sc	7.0	31	49	19
Central Sudan	62751	WÂD MEDANI	230	5	35	01	1	2	St	6.3			17
	62801	RENK											
	62802	ROSEIRES	110	5	35	01	1	2	As		33	41	18
	62771	EL OBEID	50	3	30	03	1	5	Sc	4.7	36	29	15
	62760	EL FÂSHER											
	62770	GENEINA											
S. Sudan	62840	MALAKÂL	360	4	50	01	1	4	Cu,Ci	5.5	34	39	18
	62880	WÂU	120	1	30	16	1	7	Cu,Ci	4.7	36	33	17
	62941	JUBA	90	9	50	15	6	7	Cb,Ac	6.2	30	59	21

At 1800 on 16th May

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms.
SALUM	00	0	7	01	0	0	—	4.2	20	88	18	0
SÎDI BARÂNI	00	0	35	03	2	7	As	4.8	20	95	20	0
MATRÛH	320	12				8	Cs	2.7	21	78	17	0
EL DABA	260	10		01	3	1	Cu		24	38	9	0
ALEXANDRIA	220	8	3	00	0	0	—	5.1	27	37	11	0
FOUAD (Airport)	160	14	18	03	2	5	Ci	3.0	30	21	5	0
DAMIETTA	140	5		00	0	0	—	6.7	25	61	17	0
PORT SA'ÎD	90	17	14	02	0	3	Ci	6.6	25	51	14	0
EL 'ARISH	40	9	15	03	0	1	As	8.1	23	65	16	0
DAMANHUR	200	5	7	03	1	4	Ci	5.6	30	25	8	0
MANSURA	90	2	3	00	1	0	—	6.4	27	52	16	0
TANTA	00	0	35	02	1	0	—	6.3	34	27	12	0
ZAGAZIG	40	5	3	00	1	0	—	6.0	31	31	12	0
ISMA'ÎLÎA	160	2	15	03	2	6	Cs	6.7	29	46	16	0
FAROUK (Airport)	290	12	10	02	2	5	As	5.6	34	27	12	0
ALMÂZA	170	9	18	02	2	6	Cs	6.0	34	18	6	0
EZBEKÎYA	00	0	15	00	0	2	Cs	6.2	29	32	10	0
GÎZA	00	0	15	00	0	2	Cs	7.2	30	21	5	0
HELWÂN	00	0	35	01	0	0	—	6.4	33	16	4	0
FAIYÛM	200	2	35	02	2	7	Ci	6.6	31	22	7	0
MINYA	00	0	8	02	2	7	Ci	6.7	31	22	7	0
ASYÛT MANQABÂD												
NAG' HAMMÂDI	00	0	3	00	0	2	Ac	7.4	27	42	13	0
QENA	270	2	7	00	0	0	—	6.3	30	25	8	0
LUXOR												
ASWÂN	00	0	50	00	0	0	—	7.0	31	10	0	0
SÎWA	00	0	7	00	0	0	—	7.8	31	43	17	0
BAHARÎYA	180	2	15	02	1	0	—	7.4	31	12	-1	0
FARAFRA	320	2	15	01	1	1	Ac	7.2	32	20	6	0
DAKHLA	00	0	35	00	0	0	—	8.7	30	11	-4	0
KHARGA	00	0	15	00	0	0	—	6.6	30	25	8	0
SUEZ	00	0	15	01	0	2	As	7.0	29	35	12	0
TÛR	310	2	50	00	0	0	—	4.5	27	52	16	0
HURGHÂDA	160	7		01	2	3	As	9.1	26	70	20	0
QUSEIR	90	5	7	00	0	3	Cu,As	9.5	26	63	23	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Tuesday 17th May,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	220	12	7	21	5	8	Ac	6.4		20	25		16		73	15	dr.		
SÎDI BARÂNI	250	3	50	03	2	8	Sc,Ac	7.6		19	24		18		88	17	0	276	
MATRÛH	310	12	12	02	0	6	Sc	8.9		21	38		15		74	16	0		
EL DABA	270			01	1	6	St			25	36		19		74	20	0		
ALEXANDRIA	220	18	3	02	2		Cu,Ac	8.2	-5.7	25	38	+12	20	+2	34	8	0	267	185
FOUAD (Airport)	260	16	5	05	0	7	Ac,Ci	7.9		25	39		20		47	13	0	265	138
DAMIETTA	200	2		12	2	8	As	6.0	-5.3	25	31		17		54	15	0	318	105
PORT SA'ÎD	220	4	14	03	9	8	Cs	8.2		25	27		23		51	14	0	71	
EL 'ARISH	160	2	35	03	2	7	Cu	8.6	-4.8	30	32	+5	21	+6	40	15	0		93
DAMANHUR	260	13	7	03	1	8	As	8.3	-6.4	27	40	+10	20	+4	37	11	0	102	100
MANSURA	180	5	15	03	2	8	As	8.2	-5.3	26	40	+8	19	+3	42	12	0	49	54
TANTA	220	2	35	03	2	8	As	9.1	-4.6	26	39	+7	18	+3	48	14	0	34	42
ZAGAZIG	220	5	7	02	2	8	As	8.8	-4.9	28	39	+7	23	+8	45	15	0	21	27
ISMA'ÎLÎA	160	2	3	02	2	8	As	8.6		30	39		20		35	13	0	14	
FAROUK (Airport)	150	16	14	03	2	8	Cs	8.6		32	40		27		26	11	0		
ALMÂZA											40								
EZBEKÎYA	140	3	15	00	0	8	As	8.6	-4.6	30	39	+6	23	+6	17	2	0	8	25
GÎZA	140	3	15	00	0	8	As	9.4	-3.8	29	40	+8	21	+6	27	8	0	16	25
HELWÂN	140	4	7	00	2	7	Cc	9.8	-3.2	30	40	+8	26	+8	16	1	0	16	28
FAIYÛM	240	5	35	02	2	8	Ac	9.9	-3.0	31	41	+7	23	+6	21	6	0	6	8
MINYA	00	0	12	03	2	7	Ci	10.3		28	40		20		33	10	0	5	
ASYÛT MANQABÂD	00	0	30	00	0	7	Ci,Cs	10.9		30	41		21		33	12	0	dr	
NAG' HAMMÂDI	00	0	7	00	0	2	Ci	10.8	-0.1	29	39		18		40	14	0	0	
QENA	170	2	35	01	1	3	Ci	9.0	-1.6	29	42	+4	21	+1	29	9	0	dr	
LUXOR																		dr	
ASWÂN	00	0	50	00	0	0	—	10.6	0.0	29	41	+2	23	-1	40	14	0	2	
SÎWA	320	12	35	03	2	8	St	7.6	-6.7	26	40	+6	22	+6	58	19	0	dr	8
BAHARÎYA	180	3	35	02	2	8	Ac	10.2	-3.2	30	40	+6	24	+7	25	6	0	dr	7
FARAFRA	00	0	7	02	2	9	Ac	10.4		29	41		21		35	12	0	dr	
DAKHLA	00	0	35	00	0	0	—	10.0	-2.1	26	41	+3	19	0	37	10	0	dr	
KHARGA	00	0	35	00	0	0	—	10.8	-0.3	29	40	+2	19	-2	29	9	0	0	
SUEZ	00	0	15	00	1	5	As	7.9	-4.7	29	37	+5	23	+4	40	14	0	12	17
TÛR	310	1	35	00	0	0	—	10.2	-0.4	26	32	+1	21	+1	74	21	0	dr	13
HURGHADA	140	8		03	0	6	Cs	10.3		28	33		19		66	21	0	7	
QUSEIR	140	5	15	02	0	0	—	10.8	+0.2	27	29	-2	22	-2	79	23	0	0	4
PORT SUDÂN	70	2	30	02	2	0	—	10.0		30	36		25		66	23	0	35	96
WÂDI HALFA	00	0	30	00	0	0	—	10.1		30	39		21		31	11	0	14	
ABU HAMAD	130	3	30	00	0	1	Ci	9.3		31	39		27		33	13	0	17	
KAREIMA	00	0	30	00	0	0	—	8.6		32	41		27		38	16	0	5	1
'ATBARA	140	5	30	01	2	3	Ci	9.5		30	38		25		46	17	0	7	5
KHARTÛM	130	8	30	01	0	1	Ci	9.0		29	38		25		49	17	dr	13	6
KASSALA	200	2	30	02	1	6	Cu,Ci	10.3		26	32		22		79	22	15	41	18
WÂD MEDANI	160	4	50	02	1	7	Ac	9.3		29	35		23		52	18	0	63	19
RENK	230	5	50	02	2	8	Cu			28	35		21		70	22	0		71
ROSEIRES																		12	82
EL OBEID	200	11	30	00	0	0	—	9.3		28	38		24		49	16	0	45	26
EL FÂSHER	00	0	30	00	0	0	—			24	37		19		61	16	5	11	11
GENEINA	00	0	30	00	0	0	—			25	39		21		47	13	0		18
MALAKÂL																		173	156
WÂU																		319	301
JUBA																		324	390

HUMIDITY %

Mean of day

STATION	on 16th	Diff. from normal
Alexandria	39	-32
Ezbekîya	29	-21
Gîza	24	-26
Helwân	15	-23

GÎZA
GRASS MINIMUM TEMP.
ON 17th 15.8 °C.

Remarks

UPPER AIR OBSERVATIONS

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

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

Remarks

RAWINSONDE

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

UPPER WIND OBSERVATIONS on 16th

Station	P. Said		Minya		Foad A.P		Matruh		Almaza	
Time	14		15		15		14	15	16	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	100	12	30	19	200	29	240	16	210	11
600	110	9	30	16	200	25	250	15	210	16
1000	140	9	30	18	200	24	240	36	210	17
1500	160	16	50	18	210	32			200	12
2000					210	26			200	12
3000									170	12
4000									230	15
5000										
6000										
7000										
8000										

UPPER WIND OBSERVATIONS on 17th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'îd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farouk	
Time	0		5		5		4				7 30		3		8 30				5		9		3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	260	14	280	20	260	23	210	14			220	12	340	14	340	4					110	13	280	7
600							220	4			240	13	340	18	350	7			190	5	130	10	280	16
1000							220	11			260	16	330	18	330	11			130	10	320	4	280	16
1500							230	4			260	20	300	16	290	10			100	5	180	3	270	27
2000															280	16			100	1			250	31
3000															250	11							240	38
4000															260	19								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	4	45	5		5		6																	
Height m.	Dir.	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	33	310	9	20	4	320	3																
600	340	35	320	19	30	9	300	4																
1000	330	22	320	25	40	10	320	4																
1500	210	20			290	8	280	3																
2000	200	24			240	10	270	4																
3000					140	4	280	9																
4000																								
5000																								
6000																								
7000																								
8000																								

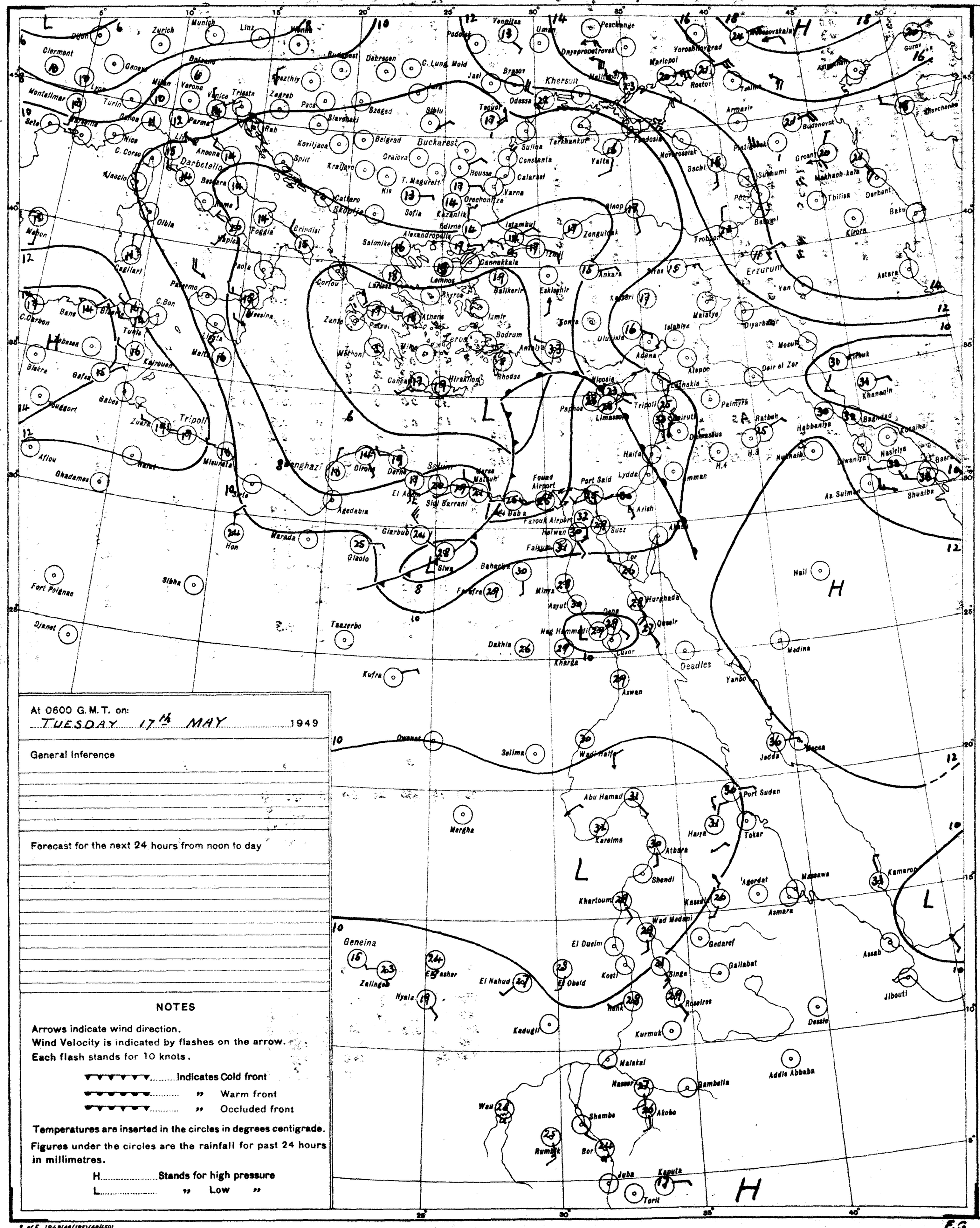
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 17 5 1949



At 0600 G.M.T. on:
TUESDAY 17th MAY 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

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

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

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

H Stands for high pressure
L " Low "

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

S of E 1948(48/195)(48/450)

SCALE 1:15,000,000

F.G.

CAIRO
Time of Sunrise 03 00 G.M.T.
" " Sunset 16 43 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: WEDNESDAY 18th MAY, 1949

At 1200 on Tues 17th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	140	3	7	02	2	8	Ac,Ci	6.2	22	83	19
	62303	SIDI BARANI	110	6		02	0	8	Sc,Cu	7.1	23	62	18
	62306	MATRUH											
	62309	EL DABA	320			01	5	6	—		23	65	16
		ALEXANDRIA	00	0	35	02	2	8	Sc	8.7	24	54	14
	62318	FOUAD (Airport)	280	7	15	02	8	7	Ac	8.9	24	54	14
	62330	DAMIETTA	250	2	15	03	2	8	As	8.3	31	28	10
	62333	PORT SA'ID	290	10	14	02	2	8	As,Cc	9.5	30	40	15
	62336	EL 'ARISH	320	5	35	03	2	8	Cu	9.3	28	45	15
Lower Egypt	62339	DAMANHUR	270	13	15	02	1	7	As	9.6	30	35	13
	62342	MANSURA	320	5	35	03	2	8	As	8.0	31	22	7
	62348	TANTA	310	5	35	02	2	8	As	9.3	31	28	10
	62354	ZAGAZIG	220	5	7	02	2	8	As	9.5	33	30	13
	62441	ISMA'ILIA	290	2	3	06	2	8	As	8.8	33	21	8
Cairo Area	62366	FAROUK (Airport)											
	62372	ALMAZA	270	11	6	07	2	8	Ac	9.1	34	22	9
		EZBEKIYA	90	11	15	00	0	8	As	8.6	34	22	9
		GIZA	90	1	15	00	0	8	As	9.4	35	15	5
	62378	HELWAN	290	2	7	06	2	7	Cc	9.0	34	14	3
Upper Egypt	62381	FAIYUM	240	5	35	02	2	8	As	9.4	36	17	7
	62387	MINYA	40	2	8	02	2	7	Ac	9.4	36	25	13
	62393	ASYUT MANQABAD	00	0	30	02	1	7	Cs	8.6	39	12	5
	62399	NAG' HAMMADI	00	0	16	02	2	6	Ac	8.7	39	12	5
	62402	QENA	200	5	50	02	1	3	Ci	8.4	41	8	0
	62405	LUXOR											
	62414	ASWAN	00	0	50	00	0	0	—	7.9	42	11	5
Oases	62417	SIWA	110	11	35	03	2	8	Sc,Cu	9.9	33		
	62420	BAHARIYA	180	3	35	02	2	7	Ac	9.1	38	10	8
	62423	FARAFRA	270	2	7	02	2	8	Ac	9.1	39	21	13
	62432	DAKHLA	00	0	50	00	0	0	—	6.6	41	14	8
	62438	KHARGA	00	0	35	00	0	0	—	8.7	40	12	5
Red Sea	62450	SUEZ	00	0	35	03	2	8	As	8.0	28	52	17
	62459	TOR	130	3	50	00	0	0	—	8.2	30	52	19
	62462	HURGHADA	110	11		02	2	6	Cs	10.6	31	46	18
	62465	QUSEIR	140	9	15	02	0	0	—	10.4	29	46	16
	62641	PORT SUDAN	60	9	30	03	5	7	Cu		33	53	22
North Sudan	62600	WADI HALFA	10	1	30	00	0	0	—	6.8	41	7	-1
	62640	ABU HAMAD	50	2	30	03	1	5	Cu	4.7	40	17	11
	62660	KAREIMA	340	1	30	01	0	4	Cu	5.1	41	17	11
	62680	'ATBARA	70	2	30	03	1	5	Cu,Ci	5.1	39	16	9
	62721	KHARTUM	360	2	30	03	1	5	Cu,Ci	5.1	38	18	10
	62730	KASSALA	270	2	30	03	1	8	Cu,Ac	4.5	35	35	17
Central Sudan	62751	WAD MEDANI	360	3	35	01	1	6	Cu	5.3	37	27	15
	62801	RENK	220	5	50	01	1	6	Cu		36	31	16
	62802	ROSEIRES	150	19	15	02	2	8	As,Ac,As		33	36	16
	62771	EL OBEID	70	4	30	03	0	5	Cu	5.0	37	20	11
	62760	EL FASHER	130	9	30	01	0	3	Cu		36	22	11
	62770	GENEINA	290	2	30	00	0	2	Cu		39	10	2
S. Sudan	62840	MALAKAL	230	3	30	01	2	6	As,Ac,Ac	7.3	33	41	18
	62880	WAU	00	0	30	02	1	5	Cu	5.8	36	35	18
	62941	JUBA											

At 1800 on Tues. 17th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
62300	SALUM	360	4	7	01	2	5	Ac	8.7	19	83	16	2
62303	SIDI BARANI	360	9		13	9	8	Sc,Cu	8.7	19	88	17	1
62306	MATRUH	30	6	11	66	5	7	Cu	8.7	19	95	19	1
62309	EL DABA	320			01	1	3			22	74	17	0
	ALEXANDRIA	130	9	3	02	2	8	Sc	9.2	23	44	10	dr.
62318	FOUAD (Airport)	40	8	12	01	2	6	As	6.7	21	65	14	dr.
62330	DAMIETTA	340	5		01	1	6	As	8.8	23	53	13	0
62333	PORT SA'ID	20	12	12	02	1	5	Sc,Cc	9.0	23	65	16	0
62336	EL 'ARISH												
62339	DAMANHUR	360	9	7	02	1	7	As	8.6	24	54	14	0
62342	MANSURA	40	5	3	50	2	8	Fs,Fc	9.5	25	47	13	dr.
62348	TANTA	00	0	35	02	2	8	As	9.0	27	37	11	0
62354	ZAGAZIG	220	5	3	02	2	8	As	8.6	27	42	13	0
62441	ISMA'ILIA	40	2	3	02	2	6	As	8.6	27	37	11	0
62366	FAROUK (Airport)												
62372	ALMAZA	20	7	12	01	1	2	Ci	8.1	29	35	12	0
	EZBEKIYA	90	2	15	00	0	0	—	8.2	28	33	10	0
	GIZA	90	2	15	00	0	0	—	9.0	28	34	10	0
62378	HELWAN	250	8	15	01	1	4	Ci	7.5	30	25	8	0
62381	FAIYUM	240	2	35	01	2	5	Ac	7.1	31	28	10	0
62387	MINYA	160	2	8	00	2	0	—	8.0	29	35	12	0
62393	ASYUT MANQABAD												
62399	NAG' HAMMADI	00	0	3	00	0	2	Ac	8.0	28	45	15	0
62402	QENA	270	5	7	02	1	3	Ci	8.7	31	28	10	0
62405	LUXOR												
62414	ASWAN	00	0		00	0	0	—	7.1	36	9	-2	0
62417	SIWA	140	15	35	00	0	0	—	6.0	31	83	28	0
62420	BAHARIYA	180	3	15	02	2	0	—	7.5	32	24	9	0
62423	FARAFRA	200	18	7	02	0	0	—	6.3	31	31	12	0
62432	DAKHLA	320	1	35	00	0	0	—	7.0	37	24	13	0
62438	KHARGA	00	0	15	00	0	0	—	8.2	34	22	9	0
62450	SUEZ	00	0	15	01	0	0	—	7.8	26	55	16	0
62459	TOR	130	1	35	00	0	0	—		26	62	18	0
62462	HURGHADA	120	8		01	2	3	Cu,Ci	9.3	27	79	23	0
62465	QUSEIR	360	9	15	00	1	3	Ci	10.0	26	94	25	0
62641	PORT SUDAN												
62600	WADI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	'ATBARA												
62721	KHARTUM												
62730	KASSALA												
62751	WAD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID												
62760	EL FASHER												
62770	GENEINA												
62840	MALAKAL												
62880	WAU												
62941	JUBA												

At 0600 on WEDNESDAY 18th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
62300	SALUM	270	15	7	01	1	6	Ac,Ci	11.5		19	25		13		60	11	2		
62303	SIDI BARANI	290	7		01	2	7	Cu,Ac,Ci	12.2		19	24		14		83	16	1	277	
62306	MATRUH	360	12	12	02	0	6	Sc	12.0		19	24		15		73	14	2		
62309	EL DABA	320			01	2	6		11.6		20			18		73	15	0		
	ALEXANDRIA	360	5	35	02	2		Cu,Ac	9.8	-4.1	21	25	-1	19	+1	83	18	dr.	267	185
62318	FOUAD (Airport)	20	14	13	03	0	5	As	9.5		22	27		19		74	17	dr.	265	138
62330	DAMIETTA	160	9		03	6	6	Fs,Fc,As	8.0	-5.3	25	33		18		61	17	0.4	319	105
62333	PORT SA'ID	140	22	8	07	6	2	Ac	7.2		26	33		21		48	14	1	72	
62336	EL 'ARISH	40	9	13	06	3	8	Sc,Cc	6.7	-6.7	23			21	+6	53	13	0		93
62339	DAMANHUR	360	9	7	01	6	0	—	9.3	-4.4	23	31	+1	20	+4	61	15	0.1	102	100
62342	MANSURA	90	9	35	01	3	4	Ci	8.4	-5.0	27	35	+3	20	+4	52	16	dr.	49	54
62348	TANTA	90	13	35	02	2	8	As	8.2	-5.6	26	33	+1	17	+2	48	14	0	34	42
62354	ZAGAZIG	140	9	7	01	9	5	As	7.8	-5.9	26	35	+3	21	+6	55	16	dr.	21	27
62441	ISMA'ILIA	110	9	3	02	2	8	As	7.9		28	35		24		37	12	0	14	
62366	FAROUK (Airport)																			
62372	ALMAZA	180	3	10	01	2	4	Ac	7.2	-5.9	30	37		22		40	15	0		
	EZBEKIYA	00	0	15	00	0	5	As	7.9	-5.2	26	35	+2	23	+6	48	14	0	8	25
	GIZA	00	0	15	00	0	5	As	7.6	-5.5	30	36	+4	22	+7	41	15	0	16	25
62378	HELWAN	320	3	7	00	1	4	Ac	7.1	-5.9	30	37	+5	23	+5	35	13	0	16	28
62381	FAIYUM	00	0	35	02	1	3	As	7.8	-5.1	29	37	+3	23	+6	35	12	0	8	8
62387	MINYA	300	6	10	00	0	0	—	8.3		30	37		20		31	11	0	5	
62393	ASYUT MANQABAD	100	6	30	00	0	1	Cs	8.0		28	40		25		37	12	0	dr.	
62399	NAG' HAMMADI	00	0	3	00	0	0	—	9.4	-1.5	30	41		21		40	15	0	0	
62402	QENA	90	2	35	01	1	2	Ci	10.0	-0.6	30	44	+6	23	+2	31	11	0	dr.	
62405	LUXOR	00	0	30	01	0	3	Ci	9.7		32			22		26	10	0	dr.	
62414	ASWAN	00	0	35	00	0	0	—	10.0	-0.6	33	43	+4	26	+2	36	16	0	2	
62417	SIWA	00	0	35	00	0	0	—	13.4	-0.9	20	37	+3	15	-1	83	17	dr.	dr.	8
62420	BAHARIYA	320	6	35	02	2	6	Ac	8.7	-4.6	27	38	+3	20	+3	52	16	0	dr.	7
62423	FARAFRA	360	3		06	2	8	Cs	10.4		26	40		22		55	16	0	dr.	
62432	DAKHLA	00	0	35	00	0	0	—	8.8	-3.3	28	42	+4	22	+2	42	14	0	dr.	
62438	KHARGA	00	0	35	00	0	0	—	9.6	-1.5	31	42	+4	23	+2	28	10	0	0	
62450	SUEZ	00	0	15	00	0	3	As	7.5	-5.0	31	33	0	23	+4	43	17	0	12	17
62459	TOR	200	3	35	00	0	0	—	9.8	-0.7	27	31	0	21	+1	79	23	0	dr.	13
62462	HURGHADA	150	11		00	0	0	—	9.8		28	32		20		74	23	0	7	3
62465	QUSEIR	140	13	3	05	4	0	—	10.8	+0.3	26	29	-2	22	-2	94	25	0	0	4
62641	PORT SUDAN	170	7	10	50	5	8	Sc,As	11.0		31	34		28		55	21	dr.	35	97
62600	WADI HALFA	140	8	30	00	0	0	—	9.5		31	42		23		22	7	0	14	
62640	ABU HAMAD	180	13	4	05	4	4	Ac	10.0		32	41		29		41	17	0		
62660	KAREIMA	130	9	0	05	4	0	—	9.1		33	42		28		36	16	0	5	1
62680	'ATBARA																	0	7	5
62721	KHARTUM	160	9	30	01	1	5	Ac,Ci	9.7		30	40		27		49	18	0	13	6
62730	KASSALA	200	5	30	02	1	8	Sc,Ac	11.8		27	35		24		58	18	0	41	19
62751	WAD MEDANI	00	0	35	01	1	2	Cc	10.8		29	38		25		52	18	0	63	20
62801	RENK	230	5	50	01	1	2	Ac	10.1		27	38		25		62	19	0		72
62802	ROSEIRES	160	9	35	01	1	2	Ac			28	36		24		58	19	0	12	84
62771	EL OBEID	180	11	30	02	0	1	Ac	9.9		31	39		25		41	16	0	45	27
62760	EL FASHER	50	5	30	00	0	0	—			26	37		21		70	20	0	11	12
62770	GENEINA	250	3	30	00	0	0	—			27	39		22		70	21	0		19
62840	MALAKAL																	0	173	159
62880	WAU	160	4	30	02	1	6	Ac,Cs	12.2		25	37		23		70	19	0.3	319	305
62941	JUBA																	1	325	395

HUMIDITY

Mean of day %

Station	on 17th	Diff. from normal
Alexandria	40	-31
Ezbekiya	21	-29
Giza	27	-23
Helwan	18	-20

GIZA GRASS MINIMUM TEMP. ON 18th 20.6 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

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

Remarks

RAWINSONDE — Farouk AIRPORT — On 18th At 3

Pressure mbs	Height above M.S.L. feet	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	23	11	67	360	15
950					
900					
850	1847	9	54	220	17
800					
700	3125	6	42	220	37
600					
500	5782	-13		240	62
400		-25			
300					

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

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

UPPER WIND OBSERVATIONS on 17th

Station	Matruh		Fouad A.P.		P. Said		Almaza		Minya	
Time	14 15		15		14		14		15	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	100	5	270	7	300	29	310	7	180	16
600	190	22	250	19	280	18	260	5	160	16
1000	200	26	270	20	260	19	240	10	170	15
1500	200	26	250	20	230	26	320	12	210	20
2000	210	30	220	30	220	29	330	11	200	21
3000										
4000										
5000										
6000										
7000										
8000										

UPPER WIND OBSERVATIONS on 18th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		Farouk A.	
Time	5		4		3		4				7		3						5		7		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	310	12	320	18	330	20	220	12			150	11	160	11					180	7	140	20	40	10
600	320	10	330	18	260	6	250	9			170	20	150	13					160	11	160	30	10	6
1000	310	13			220	13	260	23			190	37	150	16					160	13	190	9	280	8
1500	290	6			210	22	260	22			190	54	150	15					100	10	210	10	220	17
2000					230	38																	210	24
3000					210	33																	220	37
4000																								
5000																							240	76
6000																							240	49
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	4 45		5		5		5 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	18	340	19	250	7	340	11																
600	330	21	340	21	260	16	340	17																
1000	320	22	330	22	240	24	360	16																
1500	300	22			240	32																		
2000	290	30																						
3000	260	41																						
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.

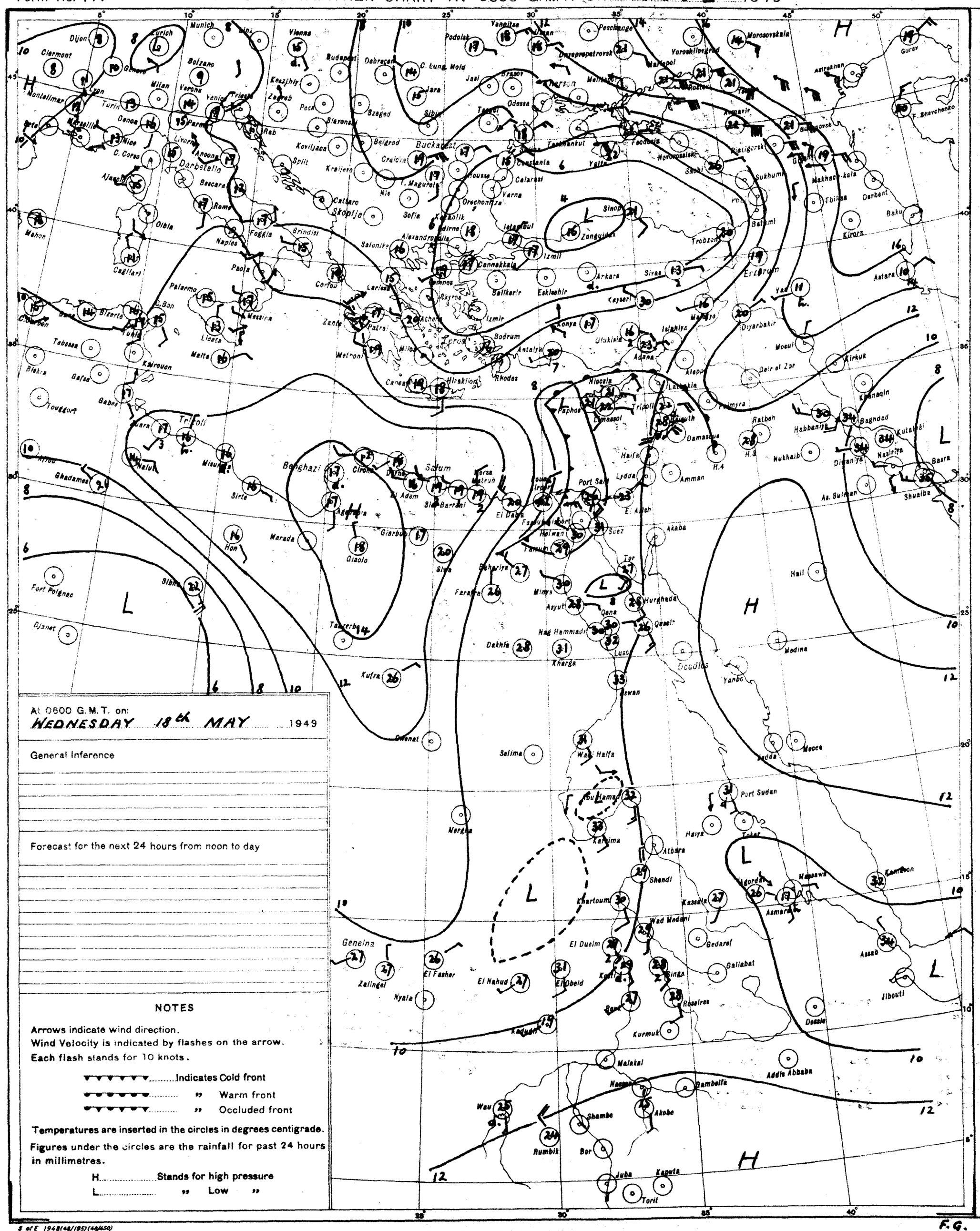
Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

F.G.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 18 - 5 - 1949


Munich
Zurich
Dijon
Clermont
Vienna
Budapest
Debrecen
Podolsk
Vampitsa
Peschange
Morosovskaia
Gurev
Astrakhen
Bolzano
Milan
Verona
Venice
Trieste
Zagreb
Pecs
Szeged
Jasi
Brasov
Odessa
Kerson
Mariupol
Voroshilovgrad
Rostov
Krasnodar
Tuapse
Sukhumi
Batumi
Tbilisa
Derbent
Baku
Kirovs
Astara
Erzerum
Yas
Diyarbakir
Mosul
Kirkuk
Kermanshah
Baghdad
Kutalkal
Basra
Shuaiba
As. Suiman
Nasiriya
Diwaniya
Nukhaib
Habbaniya
H.3
H.4
Damascus
Amman
Haifa
Lydda
Port Said
E. Arish
Suez
Akaba
Tor
Hurghada
Qena
Qeseir
Luxor
Aswan
Deadlas
Yanbo
Medina
Mecca
Jedda
Hail
Port Sudan
Haiya
Tokar
Atbara
Shendi
Khartoum
Kassala
Asmara
Massawa
Kamaron
Wad Medani
Gedaref
Galiabat
Assab
Jibouti
Dessie
Addis Abbaba
Gambella
Akobe
Malakal
Kurmuk
Roseires
Kadugli
Rumbik
Bor
Juba
Kaputa
Torit
Wau
Shambe
Nagar
Geneina
Zalingei
Nyala
El Fasher
El Nahud
El Obeid
El Dueim
Kosti
Singa
Kassala
Tripoli
Benghazi
Sollum
Marsa Matruh
El Daba
Fort Polignac
Djanet
Tamerbo
Kufra
Owenat
Selima
Wadi Halfa
Abu Hamad
Kerima
Merga
Giaolo
Giarbub
Marada
Hon
Sirte
Misurata
Nalut
Ghadames
Tripoli
Tobruk
Derna
Bardia
Sidi Barrani
El Adem
Cirene
Derna
Tobruk
Gafsa
Biskra
Tougourt
Babes
Kairouan
Tunis
Bizerte
Tebessa
Cagliari
Palermo
C. Bon
Messina
Licata
Malta
Naples
Paola
Brindisi
Foggia
Olbia
Mahon
Corfou
Zante
Patras
Athens
Larissa
Salonika
Skopije
Sofia
Cattaro
Rome
Ancona
Livorno
Pisa
Bescara
Darbetello
Ajaccio
C. Corso
Nice
Genoa
Turin
Marseille
Montelimar
Lyon
Dijon
Zurich
Munich
Linz
Vienna
Budapest
Debrecen
C. Eung. Mold

CAIRO

Time of Sunrise 02 57 G. M. T.

" " Sunset 16 43 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: Thursday 19th May, 1949

At 1200 on Wed. 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											
	62303	SÎDI BARÂNI	320	5	50	02	2	7	Sc,As	13.2	22	74	17
	62306	MATRÛH											
	62309	EL DABA	320	25		01	1	4	Cu		21	74	16
		ALEXANDRIA	360	11	35	03	2		Sc,Ac	10.7	22	65	15
	62318	FOUAD (Airport)	360	20	15	03	1	6	Cu,Cs	10.5	23	65	16
	62330	DAMIETTA	320	9	15	03	2	6	As	8.8	23	63	20
	62333	PORT SA'ÎD											
	62336	EL 'ARISH	140	5	7	01	5	8	Sc	8.6			
LOWER EGYPT	62339	DAMANHUR	20	13	15	02	1	4	Cc	9.9	25	47	13
	62342	MANSURA	320	19	35	00	1	0	—	8.7	26	45	15
	62348	ṬANṬA	310	18	35	02	2	6	Ac	9.3	28	62	17
	62354	ZAGAZIG		9	7	02	2	2	As	7.5	33	44	19
	62441	ISMAÎLÎA	320	13	3	06	2	8	As	6.6	34	32	15
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMÂZA											
		EZBEKÎYA	320	19	35	00	0	6	Cs	8.0	33	32	14
		GÎZA	320	19	35	00	0	6	Cs	8.4	33	30	13
	62378	ḤELWÂN	320	13	15	03	2	8	Cc	7.8	32	28	11
UPPER EGYPT	62381	FAIYÛM	330	6	35	03	2	7	Ci	7.8	35	23	11
	62387	MINYA	320	24	10	02	0	2	Ci	7.4	39	17	10
	62393	ASYÛṬ MANQABÂD	270	22	30	00	0	3	Cs	7.2	40	16	10
	62399	NAG' ḤAMMÂDI	320	1	7	00	0	2	Ac	6.2	42	15	10
	62402	QENA	240	9	50	00	1	0	—	7.4	44	14	11
	62405	LUXOR	00	0	30	00	0	1	Ci	6.4	43	18	14
	62414	ASWÂN	20	3	50	00	0	0	—	7.0	43	14	10
OASES	62417	SÎWA	320	9	35	00	0	0	—	13.4	30	35	13
	62420	BAḤARÎYA	360	3	35	02	2	6	Ac	9.6	31	28	10
	62423	FARAFRA	290	3	15	02	1	6	Ac	11.0	33	24	10
	62432	DAKHLA	320	9	50	00	0	0	—	7.2	39	24	15
	62435	KHARGA	00	0	35	00	0	0	—	7.9	43	16	12
RED SEA	62450	SUEZ	180	5	35	01	0	0	—	5.0	30	46	17
	62459	ṬÛR											
	62462	HURGHÂDA	60	13		00	0	0	—	6.3	31	62	23
	62465	QUSEIR	140	13	15	02	0	0	—	9.3	29	84	26
	62641	PORT SUDÂN											
NORTH SUDAN	62600	WÂDI HALFA	00	0	30	00	0	0	—	6.2	43	9	4
	62640	ABU ḤAMAD	180	5	30	03	1	6	Cu,Cs	5.8	40	17	11
	62660	KAREIMA	70	9	10	01	0	3	Cu	6.1	41	18	12
	62680	'ATBARA	160	5	30	03	2	3	Cu,Ci	6.6	38	25	15
	62721	KHARTÛM	00	0	50	02	1	7	Cu	5.1	35	25	12
	62730	KASSALA											
CENTRAL SUDAN	62751	WÂD MEDANI	50	9	35	02	1	4	Sc,Cu	5.1	38	25	15
	62801	RENK											
	62802	ROSEIRES	180	2	15	02	1	6	As,As		34	41	19
	62771	EL OBEID	40	9	30	16	1	5	Cb	4.8	37	24	13
	62760	EL FÂSHER	20	5	30	00	0	2	Cu		37	11	2
	62770	GENEINA											
S. SUDAN	62840	MALAKÂL	200	4	50	02	6	7	Cb,Ac	8.4	34	42	19
	62880	WÂU	140	5	30	01	1	3	Cu,Ac	7.0	35	35	17
	62941	JUBA	270	5	50	15	1	3	Cu,Sc,Cc	7.8	33	47	20

At 1800 on Wed. 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	40	5	7	02	2	8	Ac	12.8	19	83	16	0
SÎDI BARÂNI	320	5	35	03	2	8	As	13.6	18	95	18	0
MATRÛH	360	7	11	02	2	0	—	12.9	18	86	16	0
EL DABA	320			01	1	3	Cu		20	73	15	0
ALEXANDRIA	360	6	3	01	2		Cu,Cs	12.6	24	47	12	0
FOUAD (Airport)	300	12	12	01	2	5	Ci	12.4	20	69	14	0
DAMIETTA	320	9		02	1	4	Sc	11.0	20	88	18	0
PORT SA'ÎD	330	16	10	01	1	2	Sc	11.7	21	83	18	0
EL 'ARISH	320	5	15	02	2	8	Sc	10.6	22	83	19	dr
DAMANHUR	20	13	15	02	1	0	—	12.6	19	83	16	0
MANSURA	320	5	3	00	0	0	—	12.7	21	74	16	0
ṬANṬA	00	0	35	02	1	0	—	12.6	23	61	15	0
ZAGAZIG	320	5	3	00	1	0	—	12.6	21	83	18	0
ISMAÎLÎA	340	5	3	01	1	4	As	11.6	23	61	15	0
FAROUK (Airport)	360	7	11	02	2	5	Sc,Ac	12.9	23	65	16	0
ALMÂZA	300	12	13	03	1	5	Ci	11.6	24	69	18	0
EZBEKÎYA	360	3	15	00	0	2	Ci	12.2	23	60	15	0
GÎZA	360	3	15	00	0	2	Ci	12.3	22	63	15	0
ḤELWÂN	340	13	15	01	1	3	Cc	11.6	24	54	14	0
FAIYÛM	330	2	35	02	2	7	Ci	10.8	25	47	13	0
MINYA	360	3	8	02	0	2	Ci	9.9	25	45	12	0
ASYÛṬ MANQABÂD												
NAG' ḤAMMÂDI	320	12	3	00	0	0	—	7.6	34	32	15	0
QENA	270	5	7	00	1	0	—	7.5	34	22	9	0
LUXOR												
ASWÂN	00	0	50	00	0	0	—	6.8	37	14	6	0
SÎWA	00	0	7	00	0	0	—	12.6	22	65	15	0
BAḤARÎYA	320	3	15	02	1	0	—	11.0	27	33	9	0
FARAFRA	360	6	15	02	1	2	Ac	10.7	26	30	7	0
DAKHLA	320	2	35	00	0	0	—	9.3	33	8	-5	0
KHARGA	00	0	15	00	0	0	—	8.6	35	29	14	0
SUEZ	360	4	15	02	2	0	—	10.6	24	61	16	0
ṬÛR												
HURGHÂDA												
QUSEIR	140	19	15	02	0	0	—	8.0	27	83	24	0
PORT SUDÂN												
WÂDI HALFA												
ABU ḤAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Thursday 19th May,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	140	4	7	02	2	7	Ci	13.9		19	23		15		83	16	0		
SÎDI BARÂNI	150	5	50	02	2	8	As,Ci	14.0		19	24		14		88	17	0	277	
MATRÛH	120	2	13	02	2	8	Sc	13.6		19	23		12		83	16	0		
EL DABA	140	14		01	1	4	Cu			21			13		65	14	0		
ALEXANDRIA	130	8	35	01	2		Sc,Cu	14.3	+0.4	23	23	-3	18	0	61	15	0	267	185
FOUAD (Airport)	100	7	18	03	1	5	Sc,Cu	14.2		21	24		14		74	16	0	265	138
DAMIETTA	110	2		03	1	3	Cu	14.7	+1.5	22	28		13		65	15	0	319	105
PORT SA'ÎD	20	1	18	01	1	1	Ci	14.6		22	34		19		57	13	0	72	
EL 'ARISH	220	2	35	01	0	2	Cu	14.7	+1.4	23			18	+3	65	16	dr.		43
DAMANHUR	40	9	7	03	1	2	Cu	14.6	+0.9	21	27	-3	15	-1	74	16	0	102	100
MANSURA	40	5	35	00	0	0	—	13.9	+0.5	23	31	-1	15	-1	61	15	0	49	54
ṬANṬA	130	2	35	02	1	0	—	15.2	+1.5	23	28	-5	12	-3	61	15	0	34	42
ZAGAZIG	40	9	7	00	0	0	—	14.4	+0.8	21	35	+3	16	+1	74	16	0	21	27
ISMAÎLÎA	180	2	3	00	1	1	Sc	14.6		22	38		17		65	15	0	14	
FAROUK (Airport)	70	13	12	00	0	0	—	13.8		22			17		65	13	0		
ALMÂZA	40	9	15	00	0	0	—	13.6	+0.5	22	36		17		57	13	0		
EZBEKÎYA	360	4	15	15	0	0	—	14.0	+0.9	22	34	+1	18	+1	61	14	0	8	25
GÎZA	360	4	15	15	0	0	—	13.9	+0.8	23	37	+4	18	+3	49	12	0	16	25
ḤELWÂN	70	4	15	00	0	1	Ci	13.8	+0.8	23	37	+4	16	-2	44	10	0	16	28
FAIYÛM	00	0	35	01	0	0	—	14.0	+1.1	23	36	+2	17	0	50	12	0	8	8
MINYA	40	12	10	00	0	0	—	12.6		26	40		18		42	12	0	5	
ASYÛṬ MANQABÂD	340	2	30	00	0	0	—	12.6		26	43		20		51	15	0	dr.	
NAG' ḤAMMÂDI	00	0	3	00	0	0	—	11.8	+1.0	28	44		22		52	17	0	0	
QENA	270	2	15	00	0	0	—	11.5	+1.0	30	45	+6	24	+3	35	13	0	dr.	
LUXOR	20	5	14	00	0	0	—	11.2		32			25		22	8	0	dr.	
ASWÂN	230	3	50	00	0	0	—	10.4	-0.1	33	44	+5	27	+3	26	11	0	2	
SÎWA	110	16	35	03	2	8	Cu,Sc	14.4	+0.2	23	31	-3	16	0	50	12	0	dr.	8
BAḤARÎYA	90	6	35	02	1	3	Ac	13.4	+0.1	23	34	-1	18	+1	60	12	0	dr.	7
FARAFRA	40	2	15	02	1	3	Ac	12.7		23	35		20		50	12	0	dr	
DAKHLA	90	6	35	00	0	0	—	11.0	-1.0	27	41	+3	21	+1	37	11	0	dr	
KHARGA	20	2	35	00	0	0	—	11.1	0.0	29	45	+7	24	+2	35	12	0	0	
SUEZ	00	0	35	00	0	0	—	13.6	+1.1	22	39	+6	18	-1	65	15	0	12	17
ṬÛR																		dr	13
HURGHÂDA	250	12		00	0	0	—	12.2		26			23		58	17	0	7	
QUSEIR	360	19	15	06	0	0	As	11.9	+1.4	27	30	-1	25	+1	62	19	0	0	4
PORT SUDÂN	290	1	30	02	5	7	Ac	9.4		32	37		27		56	22	dr.	35	97
WÂDI HALFA	00	0	10	00	0	0	—	10.0		31	44		26		22	7	0	14	
ABU ḤAMAD	00	0	30	02	2	7	Ac	9.0		31	41		27		33	13	0		
KAREIMA	180	3	30	05	2	8	Cs	9.0		32	42		28		36	15	0	5	1
'ATBARA	230	5	30	02	2	8	Ac,Cs	8.7		33	39		29		38	17	0	7	5
KHARTÛM	230	15	30	02	1	7	Ac	9.7		30	40		27		40	15	0	13	6
KASSALA																		41	
WÂD MEDANI	50	5	50	02	1	7	As	10.5		26	39		24		70	20	dr	63	20
RENK																			
ROSEIRES																		12	
EL OBEID	190	15	30	02	2	8	Ac,Cs	11.0		29	39		25		46	16	dr.	45	28
EL FÂSHER	160	6	30	00	0	2	Cu			27	39		24		48	15	0	11	12
GENEINA	180	2	30	00	0	0	—			27	39		23		46	14	0		19
MALAKÂL																	1	174	162
WÂU																	0	319	309
JUBA																	0	325	400

HUMIDITY % Mean of day

Station	on 18th	Diff. from normal
Alexandria	73	+2
Ezbekiya	52	+2
Giza	49	-1
Helwân	40	+2

GÎZA GRASS MINIMUM TEMP. ON 19th 15.3 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

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

Pressure mbs.	Height above M.S.L. feet	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

On ..... At ..... AIRPORT						On ..... At ..... AIRPORT						On ..... At ..... AIRPORT					
Pressure mbs.	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.	Pressure mbs.	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.	Pressure mbs.	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000						1000						1000					
950						950						950					
900						900						900					
850						850						850					
800						800						800					
700						700						700					
600						600						600					
500						500						500					
400						400						400					
300						300						300					

UPPER WIND OBSERVATIONS on 18th

Station					Minya																			
Time					15																			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300					300	33																		
600					310	33																		
1000					300	30																		
1500					310	43																		
2000					300	36																		
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 19th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farouk	
Time	5		5				3				7	15	3		8		6	15	5		9		3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			80	7			340	3			50	5	20	25	350	3	30	4	20	8	330	12	60	11
600	240	4	50	9			300	3			50	5	40	45	360	5	330	4	30	15	320	14	40	17
1000			30	8			270	2			350	10	40	35	340	3	10	9	20	11	310	18	340	16
1500							300	17					350	12	280	6	360	14	30	15	300	7	300	24
2000							280	23					320	16	290	17	10	21	50	14			300	24
3000							110	4							320	22								
4000							260	9																
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Baḥarîya		Dakhla		Kharga		Wâdi Halfa		Abû Ḥamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	4	45	5		5		5		4				4	15					3	45	4			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	100	27	70	19	80	12	40	16	40	11														
600	330	10	70	22	80	14	40	17	70	17			20	10										
1000	100	16	90	27	80	21	20	10	60	19			50	13					230	19	170	13		
1500	190	12	60	9	80	31	30	9	30	12			140	12					190	15	230	6		
2000	220	30	240	10									30	15										
3000	260	39							20	10			10	20										
4000	280	38																						
5000									40	12														
6000																								
7000																								
8000																								

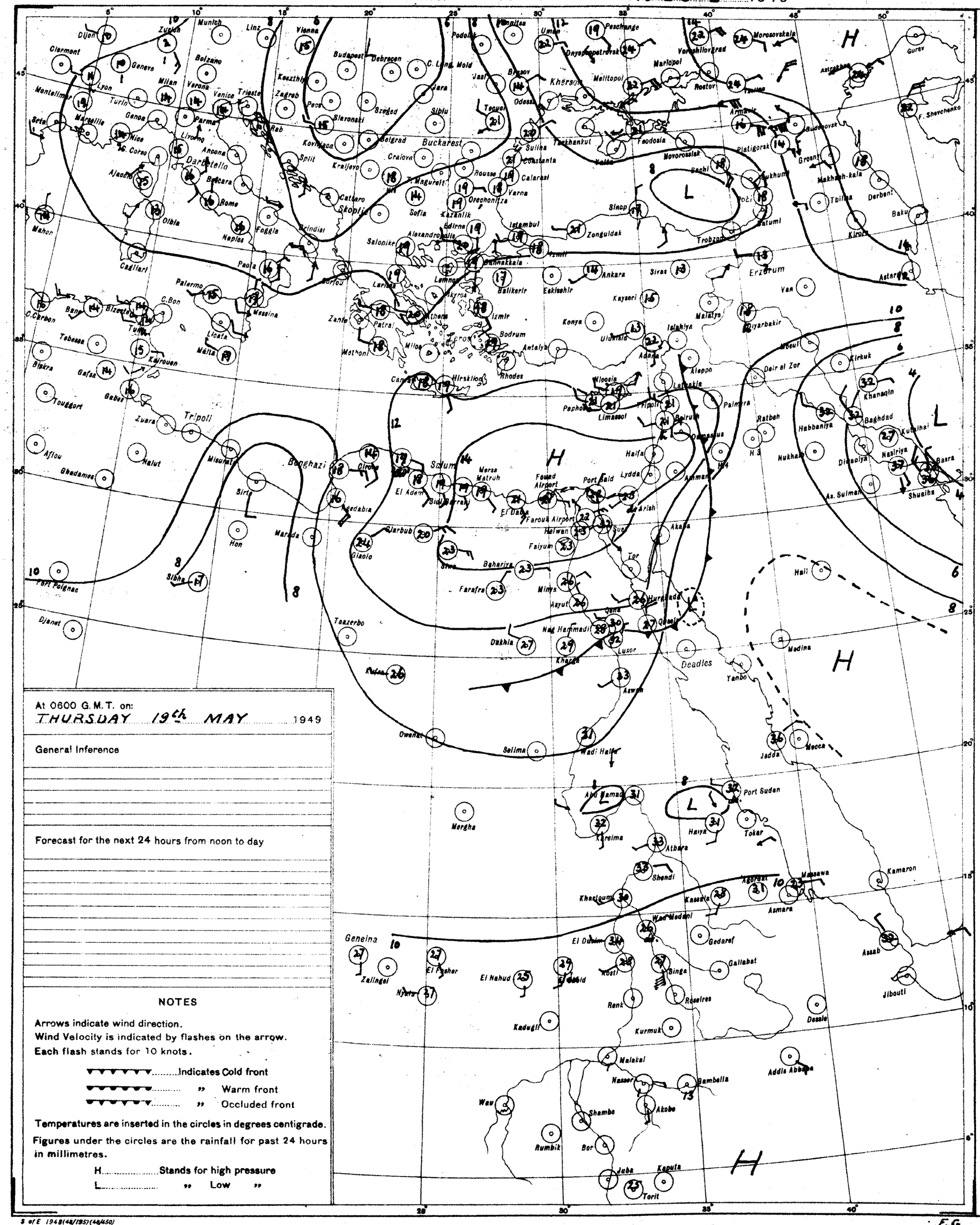
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 19 - 5 - 1949



At 0600 G.M.T. on:
THURSDAY 19th MAY 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼.....Indicates Cold front
▼▼▼▼▼▼..... " Warm front
▼▼▼▼▼▼..... " Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.....Stands for high pressure
L..... " Low "

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	" or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	" " hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
" " hail		87
Rain / Hail	Thunderstorm during the past hour	91 / 93
Thunderstorm with rain		95
" " hail		96
" " Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze (vis less than 1000 m.)	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

Cloudless	—	
Cirrus	Ci	1
Cirrostratus	Cs	2
Cirrocumulus	Cc	3
Altocumulus	Ac	4
Altostratus	As	5
Stratocumulus	Sc	6
Nimbostratus	Ns	7
Cumulus or Fractocumulus	Cu or Fc	8
Cumulonimbus	Cb	9
Stratus or Fractostratus	St or Fs	0

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th " " "	2
3/8 " " " "	3
4/8 " " " "	4
5/8 " " " "	5
6/8 " " " "	6
7/8 " " " "	7
Sky completely covered	8
" obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1948(48/195)(48/450)

SCALE 1:15,000,000

F.G.

CAIRO
Time of Sunrise 02 59 G. M. T.
" " Sunset 16 44 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: FRIDAY 20th MAY, 1949

At 1200 on THURS. 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											
	62303	SÎDI BARÂNI											
	62306	MATRÛH	140	6	18	02	2	5	Sc	12.8	27	42	13
	62309	EL DABA	90			01	1	2	Cu		25	54	15
		ALEXANDRIA	20	11	50	01	2		Sc,Cu,Ac	13.9	22	65	15
	62318	FOUAD (Airport)	10	10	18	01	2	2	Cs	12.9	24		
	62330	DAMIETTA	40	2	15	03	2	8	As	13.9	24	69	18
	62333	PORT SA'ID	50	9	30	02	1	6	Cs	14.1	23	65	16
	62336	EL 'ARISH	340	9	35	02	0	2	Cu	14.6	23	65	16
Lower Egypt	62339	DAMANHUR	360	5	15	02	1	7	As	13.9	29	37	13
	62342	MANSURA	360	5	35	01	0	5	Cs	13.5	30	36	13
	62348	TANTA	90	2	35	03	1	6	Ac	14.2	30	40	15
	62354	ZAGAZIG	40	5	15	00	0	0	—	13.6	30	52	19
	62441	ISMAILIA	40	2	7	03	2	8	As	12.7	31	23	7
Cairo Area	62366	FAROUK (Airport)											
	62372	ALMAZA	40	15	12	03	1	2	Cs	13.0	31	31	12
		EZBEKIYA	360	4	35	00	0	1	Ci	12.2	32	18	-7
		GIZA	360	4	35	00	0	1	Ci	12.2	32	18	5
	62378	HELWAN	360	6	35	03	2	7	Cc	11.0	35	8	-4
Upper Egypt	62381	FAIYUM	20	5	35	03	1	3	Ci	11.4	33	16	4
	62387	MINYA	10	13	14	00	0	3	Ci	10.6	36	20	10
	62393	ASYUT MANGADIL	00	0	30	00	0	0	—	9.3	38	19	1
	62396	NAG' HAMMADI	00	0	7	00	0	0	—	8.4	39	16	9
	62402	QENA	270	5	50	00	0	0	—	9.0	41	17	11
	62405	LUXOR	350	7	30	00	0	0	—	7.7	42	15	10
	62414	ASWÂN	360	11	50	00	0	0	—	7.4	42	9	3
Oases	62417	SIWA	110	12	35	03	2	8	Cu,Sc	13.0	32	66	25
	62420	BAHARIYA	90	2	35	02	1	4	Ac	11.1	35	15	5
	62423	FARAFRA	40	4	35	02	1	6	Ac	11.0	37	27	15
	62432	DAKHLA	140	2	50	00	0	0	—		43	13	9
	62435	KHARGA	00	0	35	00	0	0	—	8.7	41	10	4
Red Sea	62450	SUEZ	00	0	35	03	0	2	As	11.2	31	22	7
	62459	TOR											
	62462	HURGHADA	320	8		00	0	0	—	10.6	26	74	21
	62465	QUSEIR	40	9	15	02	0	0	—	11.1	28	70	22
	62641	PORT SUDAN	90	10	30	01	2	6	Cu,Cs	7.4	37	45	23
North Sudan	62600	WADI HALFA											
	62640	ABU HAMAD	00	0	30	04	2	8	Ac	6.7	38		
	62660	KAREIMA	100	3	30	03	2	6	Cu,Ac,Ci	5.8	41	17	11
	62680	'ATBARA	00	0	30	03	2	8		6.4			13
	62721	KHARTUM	250	4	30	02	1	8	Cu,Ac,Ci	5.9	38	25	15
	62780	KASSALA											
Central Sudan	62751	WAD MEDANI	310	5	35	02	1	7	Cb	5.9	37	24	13
	62801	RENK	230	5	35	01	1	6	Cu		37	33	18
	62802	ROSEIRES	230	5	35	00	0	0	—		35	35	17
	62771	EL OBEID											
	62760	EL FASHER	110	12	30	01	1	3	Cu		37	20	11
	62770	GENEINA											
S. Sudan	62840	MALAKAL	200	4	50	03	1	6	Cb,Ac,Ci	7.3	34	41	19
	62880	WAU	00	0	30	02	1	5	Cu,Ci	8.3	33	44	19
	62941	JUBA	230	9	10	95	9	8	Cb,As	9.7	35	44	21

At 1800 on THURS. 19th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
62300	SALUM	220	1	7	21	5	7	Fs,Fc	11.8	22	74	17	dr.
62303	SIDI BARANI	90	2		02	2	8	Ac	11.6	21	88	19	0
62306	MATRUH	150	4	13	01	1	4	Sc	11.8	21	65	14	0
62309	EL DABA	90			00	0	0	—		24	54	14	0
	ALEXANDRIA	130	10	3	00	0	0	—	13.0	19	83	16	0
62318	FOUAD (Airport)	60	5	18	02	0	2	Cs	13.5	19	83	16	0
62330	DAMIETTA	20	5		02	2	8	As	15.4	20	83	17	0
62333	PORT SA'ID	20	17	15	01	1	0	—	15.0	21	83	18	0
62336	EL 'ARISH	20	13	15	01	0	0	—	14.8	21	74	16	0
62339	DAMANHUR	40	13	15	01	1	0	—	14.8	20	73	15	0
62342	MANSURA	360	5	3	00	1	0	—	15.5	21	74	16	0
62348	TANTA	90	5	35	01	2	5	Ac	15.2	23	50	12	0
62354	ZAGAZIG	40	13	3	00	0	0	—	14.8	23	65	16	0
62441	ISMAILIA	40	5	3	01	2	6	As	14.2	22	57	13	0
62366	FAROUK (Airport)												
62372	ALMAZA	40	15	12	03	1	2	Ci	13.0	26	55	16	0
	EZBEKIYA	40	10	15	00	0	0	—	13.4	25	55	15	0
	GIZA	40	10	15	00	0	0	—	13.6	25	54	15	0
62378	HELWAN	360	30	35	01	0	0	—	13.1	27	37	11	0
62381	FAIYUM	360	2	35	02	1	3	Ci	11.8	28	33	10	0
62387	MINYA	20	9	10	01	2	4	Ci	10.6	27	40	12	0
62393	ASYUT MANGADIL												
62396	NAG' HAMMADI	00	0	3	00	0	0	—	7.3	31	43	17	0
62402	QENA	240	5	7	00	0	0	—	8.8	35	23	11	0
62405	LUXOR	00	0	12	00	0	0	—	7.6	35	23	11	0
62414	ASWÂN												
62417	SIWA	90	6	7	00	0	0	—	11.5	29	52	18	0
62420	BAHARIYA	90	2	15	02	1	0	—	10.6	31	23	7	0
62423	FARAFRA	90	2	15	02	1	2	Cs	8.6	32	34	14	0
62432	DAKHLA	00	0	35	00	0	0	—	6.8	38	13	5	0
62435	KHARGA	00	0	15	00	0	0	—	8.2	37	14	6	0
62450	SUEZ	360	19	7	09	3	0	—	12.6	26	62	18	0
62459	TOR												
62462	HURGHADA	260	5		03	0	1	Cu	10.3	27	58	18	0
62465	QUSEIR	330	9	15	02	0	0	—	10.0	29	43	15	0
62641	PORT SUDAN												
62600	WADI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	'ATBARA												
62721	KHARTUM												
62780	KASSALA												
62751	WAD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID												
62760	EL FASHER												
62770	GENEINA												
62840	MALAKAL												
62880	WAU												
62941	JUBA												

At 0600 on FRIDAY 20th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Bar. Diff. from normal mbs	Temp. Dry Bulb	Temp. Maximum Yesterday	Temp. Maximum Diff. from normal	Temp. Minimum Today	Temp. Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.	Station
62300	SALUM	40	5	7	02	2	7	Ac,Ci	12.4		21	26		17		83	18	dr.			SALUM
62303	SIDI BARANI	70	10		02	2	8	Sc,Cu,Ac	13.5		20	24		13		95	20	0	277		SIDI BARANI
62306	MATRUH	120	5	12	02	0	7	Sc	13.8		21	28		16		83	18	0			MATRUH
62309	EL DABA	90			01	1	6				20			17		88	18	0			EL DABA
	ALEXANDRIA	90	9	50	01	2		Cu,Ci	13.3	-0.5	23	24	-2	18	0	74	18	0	267	185	ALEXANDRIA
62318	FOUAD (Airport)	50	9	30	03	0	1	Ci	13.4		23	28		16		65	16	0	265	138	FOUAD (Airport)
62330	DAMIETTA	360	5		02	0	0	—	14.0	+0.8	22	26		17		83	19	0	319	105	DAMIETTA
62333	PORT SA'ID	80	12	14	02	0	1	Sc	13.8		22	25		20		83	19	0	72		PORT SA'ID
62336	EL 'ARISH	40	9	35	03	2	6	Cu	14.8	+1.5	22	26	-1	18	+3	65	15	0		93	EL 'ARISH
62339	DAMANHUR	90	13	7	03	1	4	Ci	13.3	-0.4	23	30	-1	17	+1	61	15	0	102	100	DAMANHUR
62342	MANSURA	70	5	35	00	0	0	—	13.8	+0.5	24	31	-1	17	+1	69	18	0	49	54	MANSURA
62348	TANTA	40	5	35	03	2	8	As	14.2	+0.5	23	31	-2	16	+1	65	16	0	34	42	TANTA
62354	ZAGAZIG	40	9	7	00	0	0	—	13.1	-0.5	23	32	0	19	+3	74	18	0	21	27	ZAGAZIG
62441	ISMAILIA	20	5	3	02	2	6	Ac	13.3		24	32		18		61	16	0	14		ISMAILIA
62366	FAROUK (Airport)	60	16	12	00	0	0	—	13.7		24					61	16	0			FAROUK (Airport)
62372	ALMAZA	50	9	18	00	0	1	Ci	12.1		23	36		18		57	14	0			ALMAZA
	EZBEKIYA	40	11	15	00	0	3	Ci	12.2	-0.9	25	33	0	18	+1	51	14	0	8	25	EZBEKIYA
	GIZA	40	11	15	00	0	3	Ci	12.0	-1.1	25	33	0	16	+1	47	13	0	16	26	GIZA
62378	HELWAN	40	22	35	00	1	4	Cc	10.7	-2.2	25	36	+3	17	-1	34	8	0	16	29	HELWAN
62381	FAIYUM	20	5	35	02	1	3	Ci	11.5	-1.4	25	35	+1	19	+2	42	11	0	8	8	FAIYUM
62387	MINYA	360	8	10	00	0	0	—	10.3		26	37		18		42	12	0	5		MINYA
62393	ASYUT MANGADIL	00	0	30	00	0	0	—	10.3		28	41		22		29	8	0	dr.		ASYUT MANGADIL
62396	NAG' HAMMADI	00	0	7	00	0	0	—	9.3	-1.4	30	41		21		21	5	0	0		NAG' HAMMADI
62402	QENA	20	5	15	00	0	0	—	9.4	-1.0	30	43	+4	22	+1	25	8	0	dr.		QENA
62405	LUXOR	00	0	30	00	0	0	—	8.5		35	44		23		25	12	0	dr.		LUXOR
62414	ASWÂN	00	0	50	02	1	0	—	9.5	-1.0	33			29	+5	32	14	0	2		ASWÂN
62417	SIWA	40	5	35	00	0	0	—	12.2	-2.0	24	33	-2	16	-1	69	18	0	dr.	8	SIWA
62420	BAHARIYA	360	2	35	02	1	3	Ac	10.7	-2.6	30	36	+1	22	+5	40	15	0	dr.	7	BAHARIYA
62423	FARAFRA	90	2	15	02	1	3	Ac	10.2		25	38		19		54	15	0	dr.		FARAFRA
62432	DAKHLA	00	0	35	00	0	0	—	9.8	-2.1	30	44	+6	23	+3	25	8	0	dr.		DAKHLA
62435	KHARGA	00	0	35	00	0	0	—	9.1	-1.9	35	43	+5	24	+2	23	11	0	0		KHARGA
62450	SUEZ	00	0	35	00	0	0	—	11.4	-1.0	26	33	0	18	-1	42	12	0	12	17	SUEZ
62459	TOR																		dr.	13	TOR
62462	HURGHADA	290	6		00	0	0	—	10.5		25	28		20		65	18	0	7		HURGHADA
62465	QUSEIR	360	9	15	02	0	0	—	9.8	-0.6	28	32	+1	25	+1	52	17	0	0	4	QUSEIR
62641	PORT SUDAN																	0	35	97	PORT SUDAN
62600	WADI HALFA																	0	14		WADI HALFA
62640	ABU HAMAD																				ABU HAMAD
62660	KAREIMA																	0	5	2	KAREIMA
62680	'ATBARA																	0	7	6	ATBARA
62721	KHARTUM																	0	13	6	KHARTUM
62780	KASSALA																	2	43	19	KASSALA
62751	WAD MEDANI																	0	63	21	WAD MEDANI
62801	RENK																			75	RENK
62802	ROSEIRES																	0	12	89	ROSEIRES
62771	EL OBEID																	0	45	29	EL OBEID
62760	EL FASHER																	0	11	12	EL FASHER
62770	GENEINA																			20	GENEINA
62840	MALAKAL																	0	173	165	MALAKAL
62880	WAU																	0	319	313	WAU
62941	JUBA																	4	329	405	JUBA

HUMIDITY

% Mean of day

Station	on 19th	Diff. from normal
Alexandria	71	0
Ezbekiya	56	+6
Giza	49	-1
Helwan	39	+1

GÎZA GRASS MINIMUM TEMP. ON 20th 12.0 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ..... At .....

Pressure mbs.	Height above M.S.L. feet	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

	On Farouk 20th At 4 AIRPORT					On ..... At ..... AIRPORT					On ..... At ..... AIRPORT				
Pressure mbs.	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.	Pressure mbs.	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.	Pressure mbs	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	164	20	64	40	12	1000						1000					
950						950						950					
900						900						900					
850	1520	24	19	230	5	850						850					
800						800						800					
700	3185	12	44	290	29	700						700					
600						600						600					
500	5885	-10		270	60	500						500					
400		-18				400						400					
300						300						300					

UPPER WIND OBSERVATIONS on 19th

Station		Matruh				Fouad A.P.				P. Said				Minya											
Time		14	15			15				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			60	11			340	19			20	12			340	11										
600			10	6			330	9			210	3			340	10										
1000			320	3			340	7			310	3			350	3										
1500			340	21			320	12			310	15			360	10										
2000			340	19			290	9			280	17			10	12										
3000							280	5			260	33														
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 20th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		Farouk		Helwan		Minya		Asyut Mangabad		Luxor		Aswan		Hurghada		
Time	5		4		3		4		4				3		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	90	8	100	12	50	13	40	12	50	17			60	16	100	4					330	12	
600	80	8			30	13	350	11	70	18			20	3	170	15					110	3	
1000	80	3			50	9	340	9	80	13			50	9	170	15					210	3	
1500	70	4			290	4	300	3	230	5			300	3	220	6					300	9	
2000	200	2			250	7	260	14	290	15			230	10									
3000					280	30	280	29	290	29													
4000									270	35													
5000									270	41													
6000									270	56													
7000																							
8000																							

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	4	45	5		5		5																	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	100	28	70	14	140	8	30	10																
600	100	35	80	18	140	14	30	24																
1000	140	16	80	15	160	23	360	16																
1500	250	11	40	10	150	38																		
2000	280	19	90	4																				
3000	280	18																						
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.

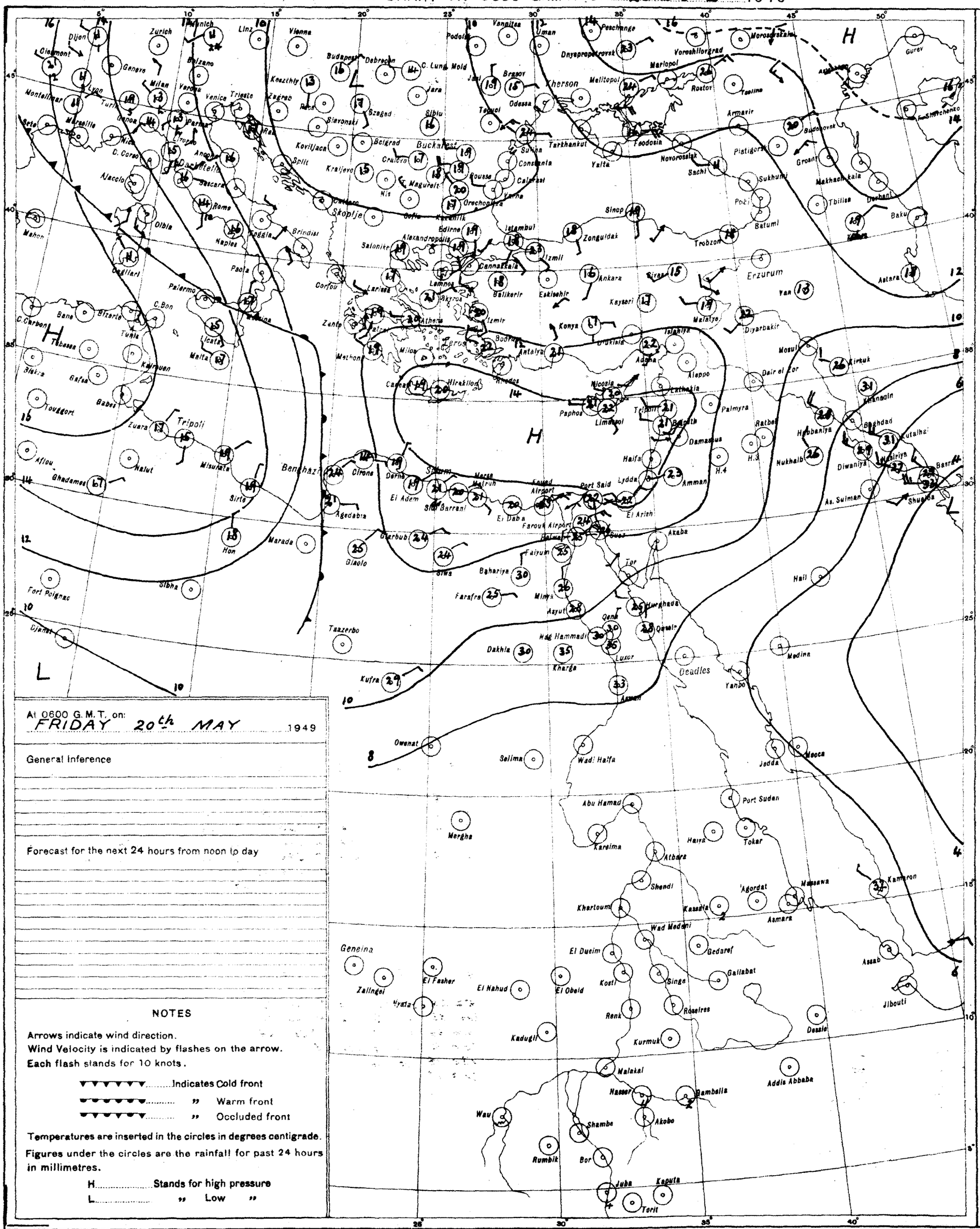
Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

F.G.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 20 – 5 – 1949


H
L
Zurich
Munich
Linz
Vienna
Budapest
Debrecen
Kaszhiy
Zagreb
Szeged
Sibiu
Bucharest
Belgrad
Koviljaco
Kraljevo
Nis
Skoplje
Sofia
Varna
Constanta
Calarasi
Rousse
Istambul
Edirne
Alexandropolis
Salonike
Larissa
Athens
Izmir
Bodrum
Antalya
Konya
Eskisehir
Ankara
Kayseri
Sivas
Erzurum
Yan
Trebzon
Sinop
Zonguldak
Izmit
Canakkale
Balikerir
Lemnos
Skyros
Corfou
Zante
Paros
Milos
Crete
Hirakilion
Rhodos
Cyprus
Nicosia
Paphos
Limassol
Latakia
Tripoli
Beirut
Damascus
Haifa
Lydda
Amman
Port Said
Suez
Akaba
Tor
Cairo
Alexandria
Marsa Matruh
Sidi Barrani
El Daba
El Arish
Cirene
Derna
El Adem
Agedabia
Benghazi
Tripoli
Misurata
Sirte
Hon
Marada
Gharbub
Glaolo
Siwa
Sibha
Tazerbo
Kufra
Dakhla
Kharga
Asyut
Minya
Faiyum
Baharia
Farafra
Hag Hammadi
Qena
Luxor
Aswan
Hurghada
Qeseir
Deadles
Yanbo
Medina
Mecca
Jedda
Port Sudan
Tokar
Haiya
Atbara
Shendi
Khartoum
Kassala
Agordat
Massawa
Asmara
Kamaron
Wad Madani
Gedaref
Gallabat
El Dueim
Kosti
Singa
Roseires
Renk
Kurmuk
Kadugli
El Obeid
El Nahud
El Fasher
Geneina
Zalingei
Nyala
Wau
Rumbik
Bor
Shambe
Akobo
Malakal
Nasser
Bambelia
Addis Abbaba
Asab
Jibouti
Dessie
Kaputa
Torit
Juba
Owenat
Selima
Wadi Halfa
Abu Hamad
Kareima
Mergha
Aflou
Ghadames
Nalut
Misurata
Sirte
Hon
Marada
Tripoli
Tunis
Bizerte
Bone
C. Bon
C. Carbon
Tebessa
Biskra
Gafsa
Touggort
Babes
Zuara
Kairouan
Malta
Licata
Palermo
Messina
Paola
Cagliari
Olbia
Naples
Rome
Brindisi
Foggia
Bastia
Ajaccio
C. Corso
Nice
Genoa
Milan
Venice
Trieste
Verona
Bolzano
Geneva
Dijon
Clermont
Lyon
Montelimar
Marseille
Sete
Mahon
Fort Poignac
Djanet
Tiflis
Baku
Batumi
Poti
Sukhumi
Groznyi
Makhachkala
Derbent
Astara
Astrakhan
Gurev
Shevchenko
Armavir
Budenovsk
Piatigorsk
Sochi
Novorossiisk
Yalta
Feodosia
Tarkhankut
Sevastopol
Odessa
Tiraspol
Kherson
Melitopol
Mariopol
Voroshilovgrad
Rostov
Taganrog
Dnyepropetrovsk
Uman
Peschanoe
Morozovskaya
Vannitsa
Podolsk
Jassy
Brasov
Cernauti
Mosul
Kirkuk
Dair el Zor
Aleppo
Diyarbakir
Mardin
Kermanshah
Baghdad
Kutaiba
Hillah
Basra
Hibbaniya
Nukhaib
Diwaniya
Nasiriya
As. Sulman
Shuaiba
Hail
Medina
Mecca
Jedda
Port Sudan
Tokar
Kamaron
Asab
Jibouti
Dessie
Addis Abbaba
Bambelia
Akobo
Malakal
Nasser
Wau
Rumbik
Bor
Juba
Kaputa
Torit
Geneina
Zalingei
Nyala
El Fasher
El Nahud
El Obeid
Kosti
Singa
Renk
Roseires
Kadugli
Kurmuk
Gedaref
Gallabat
Asmara
Massawa
Agordat
Kassala
Shendi
Khartoum
Wad Madani
Atbara
Haiya
Tokar
Port Sudan
Jedda
Mecca
Medina
Yanbo
Deadles
Luxor
Aswan
Hurghada
Qena
Qeseir
Minya
Asyut
Faiyum
Baharia
Farafra
Hag Hammadi
Tor
Akaba
Suez
Cairo
Alexandria
Port Said
Lydda
Amman
Haifa
Damascus
Beirut
Latakia
Tripoli
Limassol
Paphos
Nicosia
Cyprus
Crete
Hirakilion
Rhodos
Milos
Paros
Zante
Corfou
Larissa
Salonike
Alexandropolis
Edirne
Istambul
Izmir
Bodrum
Antalya
Konya
Eskisehir
Ankara
Kayseri
Sivas
Erzurum
Yan
Trebzon
Sinop
Zonguldak
Izmit
Canakkale
Balikerir
Lemnos
Skyros
Corfou
Zante
Sofia
Varna
Constanta
Calarasi
Rousse
Bucharest
Belgrad
Koviljaco
Kraljevo
Nis
Skoplje
Cattaro
Kragujevac
Sibiu
Szeged
Zagreb
Kaszhiy
Vienna
Linz
Munich
Zurich
Dijon
Clermont
Lyon
Montelimar
Marseille
Sete
Nice
Genoa
Milan
Venice
Trieste
Verona
Bolzano
Geneva
Turin
Parma
Ancona
Pescara
Rome
Naples
Foggia
Brindisi
Bari
Palermo
Messina
Paola
Cagliari
Olbia
Ajaccio
C. Corso
Bastia

CAIRO

Time of Sunrise 02 59 G. M. T.

" " Sunset 16 45 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: Saturday 21 st May, 1949

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	20	12	7	02	2	6	Ac	12.4	24	54	14
	62303	SÎDI BARÂNI	70	14	50	02	2	8	As,Cs	13.3	23	83	20
	62306	MATRÛḤ	120	8	18	02	2	8	Sc	13.7	24	61	16
	62309	EL DABA	140			01	1	6	Cu		23	74	18
		ALEXANDRIA	20	10	50	02	2	8	St	12.7	22	83	19
	62318	FOUAD (Airport)	40	16	30	02	1	5	Ac,Cc	13.0	26	58	17
	62330	DAMIETTA	20	5	15	03	2	7	As	12.6	24	69	18
	62333	PORT SA'ID	60	13	30	03	1	8	Sc,Cs	13.5	22	65	15
	62336	EL 'ARISH	360	13	35	02	2	7	St	13.9	23	74	18
Lower Egypt	62339	DAMANHUR	90	13	15	03	1	7	Ci	14.0	30	31	11
	62342	MANṢURA	40	9	35	03	1	8	As	13.0	29	46	16
	62348	ṬANṬA	90	13	35	03	2	6	Ac	13.3	36	35	13
	62354	ZAGAZIG	40	13	7	03	1	8	As	11.8	31	43	17
	62441	ISMA'ÎLÎA	40	9	7	02	2	8	Ac	11.8	31	22	7
Cairo Area	62366	FAROUK (Airport)	60	15	50	02	1	6	Ci	11.2	34	20	8
	62372	ALMÂZA	40	20	30	03	1	6	Ci	10.5	34	27	12
		EZBEKÎYA	40	4	35	00	0	1	Cs	10.8	34	27	12
		GÎZA	40	4	35	00	0	1	Cs	11.1	34	22	10
	62378	ḤELWÂN	20	19	35	02	1	5	Ci	10.3	35	12	1
Upper Egypt	62381	FAIYÛM	20	5	35	02	2	8	Ci	9.5	37	14	6
	62387	MINYA	00	0	14	01	0	2	Ci	9.0	41	17	11
	62393	AṢYÛṬ MANQABÂD	270	6	30	00	0	3		6.8	44	6	-2
	62399	NAG' ḤAMMÂDI	00	0	15	00	0	0	—	6.8	41	14	8
	62402	QENA	240	5	50	00	0	0	—	6.7	44	14	11
	62405	LUXOR	260	3	30	00	0	0	—	6.5	44	13	10
	62414	ASWÂN	00	0	50	02	1	5	Sc,Cu	6.0	43	12	7
Oases	62417	SÎWA	90	9	35	00	0	0	—	11.1	36	—	—
	62420	BAḤARÎYA	90	2	35	03	2	7	Ac	8.7	41	17	11
	62423	FARAFRA	130	1	15	02	2	4	Ac	8.2	41	26	18
	62432	DAKHLA	270	9	50	00	0	0	—		44	15	12
	62435	KHARGA	00	0	35	00	0	0	—	6.8	44	18	14
Red Sea	62450	SUEZ	330	10	15	03	2	7	As	9.8	31	31	12
	62459	ṬÛR											
	62462	HURGHÂDA	300	30		00	0	8		8.9	29	66	22
	62465	QUSEIR	360	13	15	00	0	3	Ci	9.4	30	59	21
	62641	PORT SUDÂN	50	14	30	02	2	7	Cu,Ci	5.8	34	56	24
North Sudan	62600	WÂDI ḤALFA	90	6	30	02	1	4	Ac,Ci	4.9	44	8	3
	62640	ABU ḤAMAD	310	5	30	02	6	7	Ac	5.4	39	20	12
	62660	KAREIMA	90	19		07	2	7	Ac,Cb	5.6	39	21	13
	62680	'AṬBARA	90	5	30	03	6	7	Cu,Cs	3.9	40	21	14
	62721	KHARTÛM	230	4	30	17	1	6	Cu,Cs	4.1	35?	29	14
	62780	KASSALA											
Central Sudan	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES	160	5	15	02	1	8	St,As		38	31	18
	62771	EL OBEID	170	5	30	03	1	6	Cb	3.4	37	29	16
	62760	EL FÂSHER	160	5	30	01	1	6	Cu		38	18	10
	62770	GENEINA											
S. Sudan	62840	MALAKÂL											
	62880	WÂU											
	62941	JUBA	70	2	50	03	1	4	Cu,Cb	7.0	31	55	21

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	40	4	7	02	2	6	Ac	13.5	21	83	18	0
SÎDI BARÂNI	70	10	35	02	2	8	As.	14.2	20	88	18	0
MATRÛḤ	140	2	12	03	2	8	Sc	14.6	20	88	18	0
EL DABA	140	8		00	0	0	—		22	74	17	0
ALEXANDRIA	90	5	3	01	2		Cu,Ci	14.2	21	83	18	0
FOUAD (Airport)	40	10	12	02	1	3	Ci	13.7	20	88	18	0
DAMIETTA	40	5		00	0	0	—	11.9	22	74	17	0
PORT SA'ID	60	12	18	01	2	5	Ci	13.5	22	78	18	0
EL 'ARISH	40	5	15	02	1	5	St		24	69	18	0
DAMANHUR	40	9	15	02	1	4	Ci	15.9	22	57	13	0
MANṢURA	40	9	3	00	1	0	—	13.5	22	74	17	0
ṬANṬA	00	0	35	02	2	6	Ac		25	42	11	0
ZAGAZIG	40	5	3	00	2	0	—	12.8	23	74	18	0
ISMA'ÎLÎA	20	5	3	02	2	6	Ac.	13.8	24	60	13	0
FAROUK (Airport)												
ALMÂZA	50	18	13	01	2	4	Ci,Cs	12.0	26	58	17	0
EZBEKÎYA	40	4	15	00	0	0	—	11.9	26	42	12	0
GÎZA	40	4	15	00	0	0	—	12.2	26	42	12	0
ḤELWÂN	20	29	15	01	0	0	—	10.6	27	33	9	0
FAIYÛM	20	11	35	02	2	8	Ci	10.0	29	23	6	0
MINYA	10	15	10	00	0	1	Ci	7.8	31	29	11	0
AṢYÛṬ MANQABÂD												
NAG' ḤAMMÂDI	00	0	3	00	0	0	—	7.0	30	40?	15?	0
QENA	290	5	7	00	0	0	—	7.5	34	22	9	0
LUXOR	00	0	12	00	0	0	—	6.8	36	18	8	0
ASWÂN	00	0	50	00	0	0	—	5.9	40	15	9	0
SÎWA	00	0	7	00	0	0	—	13.2	29	59	20	0
BAḤARÎYA	360	3	15	02	2	0	—	9.6	32	34	14	0
FARAFRA	360	5	7	02	1	2	Ac	9.4	35	29	14	0
DAKHLA	00	0	35	00	0	0	—	7.0	39	8	-1	0
KHARGA	00	0	15	00	0	0	—	6.7	39	17	10	0
SUEZ	00	0	15	01	0	0	—	10.4	28	33	10	0
ṬÛR												
HURGHÂDA	270	2		01	2	2	Sc	8.9	28	66	21	0
QUSEIR	230	9	15	02	0	0	—	8.4	29	59	20	0
PORT SUDÂN												
WÂDI ḤALFA												
ABU ḤAMAD												
KAREIMA												
'AṬBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 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.	Bar. Diff. from normal mbs.	Temp. Dry Bulb	Temp. Maximum Yesterday	Temp. Maximum Diff. from normal	Temp. Minimum Today	Temp. Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	40	2	7	02	2	8	Ac	14.4		21	25		17		88	19	0		
SÎDI BARÂNI	110	6	50	02	2	8	As	13.9		21	23				83	18	0	277	
MATRÛḤ	140	4	12	02	0	6	Sc	14.5		22	25		17		74	16	0		
EL DABA	140			01	1	4	Cu			23			18		65	16	0		
ALEXANDRIA	90	3	50	02	2	8	St.	15.6	+1.8	23	24	-2	19	+1	65	16	0	267	185
FOUAD (Airport)	70	10	14	03	1	8	As	15.4		23	28		17		78	19	0	265	136
DAMIETTA	70	5		03	2	8	As	15.6	+2.4	23	25		18		74	18	0	219	105
PORT SA'ID	80	11	15	02	1	5	Ci	15.9		23	24		17		74	18	0	72	
EL 'ARISH	40	2	35	02	1	4	St.	16.0	+2.8	22	24	-3	17	+2	83	19	0		93
DAMANHUR	110	13	7	03	1	7	As	15.5	+1.9	24	30	-1	17	+1	61	16	0	102	101
MANṢURA	40	5	35	02	2	6	Ac	15.8	+2.5	25	30	-2	18	+2	61	17	0	49	54
ṬANṬA	90	2	35	03	2	8	Ac	16.0	+2.3	24	31	-2	15	0	61	16	0	34	43
ZAGAZIG	40	9	7	02	2	8	As	15.0	+1.5	24	32	-1	18	+2	69	18	0	21	27
ISMA'ÎLÎA	40	5	3	00	2	8	As	15.0		26	32		19		37	10	0	14	
FAROUK (Airport)	60	21	12	03	1	5	Ac	14.5		26			19		44	13	0		
ALMÂZA	70	20	30	00	3	8		13.4	+0.4	27	35		19		37	11	0		
EZBEKÎYA	360	4	15	00	0	1	Ci.	12.5	+0.5	25	35	-2	19	+1	42	11	0	8	26
GÎZA	360	4	15	00	0	1	Ci	14.0	+1.0	26	34	+1	18	+3	44	13	0	16	20
ḤELWÂN	70	24	15	00	5	5	Ci	13.3	+0.4	29	36	+3	22	+4	19	3	dr.	16	29
FAIYÛM	20	5	35	02	2	8	Ci	13.4	+0.6	28	37	+3	21	+3	33	10	0	8	6
MINYA	360	11	11	00	0	0	—	12.2		26	42		20		42	12	0	5	
AṢYÛṬ MANQABÂD	270	2	30	00	0	0	—	11.6		28	44		23		33	10	0	dr.	
NAG' ḤAMMÂDI	220	3	3	00	0	0	—	9.3	-1.4	31	42		24		38	15	0	0	
QENA	360	2	15	00	0	0	—	9.8	-0.6	31	46	+7	25	+4	31	12	0	dr.	
LUXOR	00	0	30	00	0	1	Ci	8.9		37	46		27		19	10	0	dr.	
ASWÂN	00	0	50	02	1	6	Sc,Cu	9.4	-1.1	33	45	+5	30	+6	36	16	0	2	
SÎWA	00	0	35	00	0	0	—	14.3	+0.1	22	37	+2	20	+3	74	17	0	dr.	8
BAḤARÎYA	00	0	18	03	2	8	Ac	13.1	-0.2	26	42	+7	22	+4	48	14	0	dr.	7
FARAFRA	20	3	15	02	2	7	Ac	12.3		28	42		22		40	13	0	dr.	
DAKHLA	160	2	35	00	0	0	—	9.6	-2.4	33	45	+7	26	+6	30	13	0	dr.	
KHARGA	20	3	35	00	0	0	—	9.5	-1.4	35	45	+7	29	+7	22	10	0	0	
SUEZ	00	0	35	01	0	2	As	12.8	+0.4	28	32	-1	21	+2	33	10	0	12	77
ṬÛR																		dr.	13
HURGHADA	280	8		00	0	0	—	12.0		27	30		23		55	17	0	7	
QUSEIR	330	13	15	00	2	6	As	10.7	+0.4	30	32	+1	25	+1	59	21	0	0	4
PORT SUDÂN	330	10	30	02	0	1	Ci	5.5		39	39		25		34	20	0	35	97
WÂDI ḤALFA	360	5	10	01	1	Ac	Ac	8.0		34	45		27		20	8	0	14	
ABU ḤAMAD	00	0	30	13	1	6	Ac,Ci	7.0		32	39		27		29	12	59?		
KAREIMA	00	0	30	03	2	7	Ac	7.3		30	41		26		43	16	dr.	5	2
'AṬBARA	50	5	30	02	1	4	Cs	6.9		35	41		26		19	8	dr.	7	6
KHARTÛM	180	43	00	35	3	9		9.8		30	40		25		52	19	dr.	13	7
KASSALA	180	9	30	01	1	4	Ac	7.6		29	39		24		52	16	1	44	20
WÂD MEDANI	270	9	50	02	9	7	Cb	10.2		25	39		21		74	20	4	67	21
RENK																			76
ROSEIRES	160	5	35	01	1	2	As			25	38		22		79	21	8	20	91
EL OBEID	110	22	4	07	1	7	Cu,Sc	11.6		27	38		24		58	18	18	63	29
EL FÂSHER	100	2	30	01	1	4	Ac			29	39		23		49	17	1	12	12
GENEINA	200	2	30	00	1	1	Ac			25	37		21		65	18	0.6	0.6	20
MALAKÂL	50	14	10	01	9	8	As	14.8		21	36		20		94	20	8	161	168
WÂU	00	0	30	00	1	2	Ci	11.0		27	37		25		70	21	dr.	319	318
JUBA	200	2	50	01	1	2	Ac,Ci	11.1		27	32		23		79	23	0	329	410

HUMIDITY % Mean of day

Station	on 20th	Diff. from normal
Alexandria	74	+3
Ezbekiya	46	-4
Giza	43	-7
Helwân	31	-7

GÎZA GRASS MINIMUM TEMP. ON 21st 14.4 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. feet	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — On ..... At ..... AIRPORT

Pressure mbs.	Height above M.S.L. feet	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. feet	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. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 20th

Station	Matruh		Minya		Almaza		P. Said	
Time	14		15		14	30	15	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	90	3	10	19	40	23	70	14
600	80	12	10	22	50	17	70	19
1000	50	10	10	22	50	17	40	16
1500	120	3	20	23	80	4	10	7
2000	80	5			220	9		
3000								
4000								
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 21st May,

Station	Sîdi Barâni		Matrûḥ		Fouad Airport		Port Sa'îd		El 'Arîsh		Helwân		Minya		Aṣyûṭ Manqabâd		Luxor		Aswân		Hurghada		Almaza	
Time	5		4		6		4				7		3		9		5 45		5		10		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	140	12	130	23	120	19	80	14			80	18	10	19	310	8	30	2	360	5	20	17	70	13
600	130	9	130	21	90	24	70	17			70	14	40	21	10	13	360	6			40	16	70	15
1000	160	2	150	14	100	20	40	17			50	9	20	27	10	16	350	6	180	5	30	9	60	14
1500	250	5			100	20	20	19					350	28	10	18	360	13	130	10	80	5		
2000	270	4			110	10	350	16					340	26	320	7	350	9	110	10				
3000					200	12							280	21			320	7						
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Baḥarîya		Dakhla		Kharga		Wâdi Ḥalfa		Abû Ḥamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	5		5		5		5		4				4 15		3.30		4				4.15			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	110	26	60	18	60	9	10	15	160	3														
600	120	25	70	22	40	16	20	20	120	6			60	14	150	9	180	9						
1000	130	9	60	17	30	23	20	31	110	11			70	22	100	14	100	6			350	2		
1500	360	13	30	19	30	33	50	16	100	12			110	13	110	7	30	11			200	9		
2000	360	23	350	24			60	7					120	9	110	1								
3000	310	36											160	9	110	3								
4000	280	36											140	13										
5000																								
6000																								
7000																								
8000																								

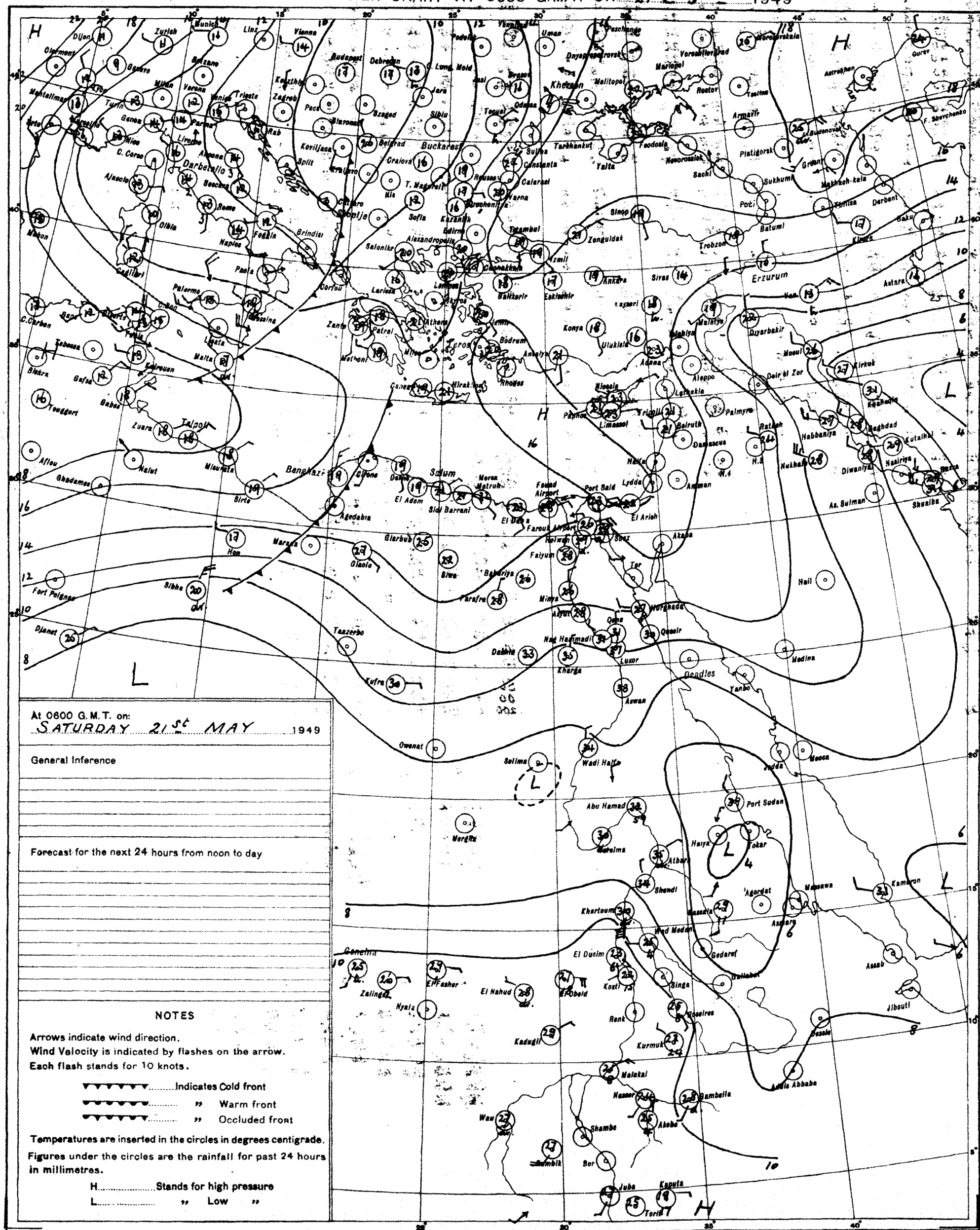
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 21 – 5 – 1949


H
L
Dijon
Clermont
Zurich
Munich
Linz
Vienna
Budapest
Debrecen
Kolozsvár
Zagreb
Pecs
Szeged
Belgrad
Craiova
Buckarest
Sibiu
Jassi
Odessa
Tecuci
Sulina
Constanta
Calarasi
Varna
Rousse
Sofia
Kazanlik
Edirne
Istambul
Zonguldak
Sinop
Samsun
Trobzon
Erzurum
Batumi
Kutaisi
Tiflis
Baku
Derbent
Astara
Ankara
Eskisehir
Balikesir
Izmit
Konya
Sivas
Malatya
Diyarbakir
Van
Mosul
Kirkuk
Erbil
Baghdad
Kut el Amara
Basra
Nasiriya
Diwaniya
Nukhaib
Habbaniya
Ratbah
H.3
H.4
Amman
Lydda
Haifa
Beirut
Damascus
Palmyra
Aleppo
Latakia
Adana
Nicosia
Limassol
Rhodes
Bodrum
Antalya
Ulukisla
Kayseri
Mersin
Iskenderun
Aleppo
Deir el Zor
Kirkuk
Mosul
Erbil
Kermanshah
Hamadan
Tehran
Astrakhan
Gurev
Mariupol
Rostov
Taganrog
Voroshilovgrad
Dnyepropetrovsk
Melitopol
Yalta
Feodosia
Sevastopol
Novorossiisk
Sochi
Sukhumi
Poti
Batumi
Kutaisi
Tiflis
Makhach-kala
Derbent
Baku
Kirovabad
Armavir
Pyatigorsk
Grozny
Kiev
Kharkov
Moscow
Leningrad
Murmansk
Archangel
Vologda
Kazan
Saratov
Kuibyshev
Sverdlovsk
Tashkent
Alma Ata
Tomsk
Irkutsk
Yakutsk
Vladivostok
Khabarovsk
Petropavlovsk
Omsk
Novosibirsk
Barnaul
Semipalatinsk
Karaganda
Aktyubinsk
Orenburg
Uralsk
Astrakhan
Tsaritsyn
Saratov
Kuibyshev
Ufa
Perm
Sverdlovsk
Chelyabinsk
Kustanai
Tashkent
Alma Ata
Frunze
Dushanbe
Samarkand
Bukhara
Ashkhabad
Tashkent
Kzyl Or

CAIRO
Time of Sunrise 02 58 G. M. T.
" " Sunset 16 45 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: Sunday 22nd May, 1949

At 1200 on 21st

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	360	14	7	02	2	8	ac,ci	13.8	27	55	17
	62303	SÎDI BARÂNI	360	8	50	02	5	8	ac,ci	15.1	22	88	20
	62306	MATRÛH	330	6	15	02	2	5	sc,ac	13.7	26	55	16
	62309	EL DABA	360	10		01	1	7	cu		25	70	19
		ALEXANDRIA	90	9	50	02	2		cu,ac	14.3	23	74	18
	62318	FOUAD (Airport)	70	10	18	02	2	7	as	13.5	27	63	19
	62330	DAMIETTA	20	2	15	02	2	8	ac	14.8	26	55	16
	62333	PORT SAÎD	60	6	30	03	2	8	cs	14.9	24	47	12
	62336	EL 'ARISH	320	5	35	03	2	8	st	14.7	25	54	15
Lower Egypt	62339	DAMANHUR	40	9	15	02	1	7	ci	14.4	33	30	13
	62342	MANSURA	40	5	35	02	2	6	ac	13.8	34	27	12
	62348	TANTA	90	8	35	02	2	8	ac	15.0	34	32	15
	62354	ZAGAZIG	40	9	7	02	2	8	as	14.2	32	38	16
	62441	ISMAÎLÎA	110	5	3	02	2	8	as	13.4	33	21	8
Cairo Area	62366	FAROUK (Airport)											
	62372	ALMÂZA											
		EZBEKÎYA	40	6	15	00	0	8	cs	12.8	35	15	5
		GÎZA	40	6	15	00	0	8	cs	12.6	34	16	4
	62378	HELWÂN	20	13	35	02	2	8	cc	11.6	35	12	1
Upper Egypt	62381	FAIYÛM	20	11	35	02	2	8	ci	10.8	37	14	6
	62387	MINYA	10	14	12	00	0	6	ci	10.0	38	16	8
	62393	ASYÛT MANQABAD	340	3	30	02	0	1	ci	8.0	42	6	-2
	62399	NAG' HAMMÂDI	00	0	7	00	0	0	—	6.4	42	15	10
	62402	QENA	90	2	50	00	0	0	—	6.6	45	13	10
	62405	LUXOR	00	0	30	00	0	0	—	6.8	45	17	14
	62414	ASWÂN	270	5	50	00	0	0	—	6.4	43	12	7
Oases	62417	SÎWA	110	8	35	00	0	0	—	14.4	37	56	27
	62420	BAHARÎYA											
	62423	FARAFRA	40	3	15	02	2	8	ac	12.0	39	21	13
	62432	DAKHLA	340	9	50	00	0	0	—	6.3	42	22	16
	62435	KHARGA	00	0	35	00	0	0	—	7.8	43	13	9
Red Sea	62450	SUEZ	00	0	35	03	2	8	as	11.5	34	22	9
	62459	TÛR											
	62462	HURGHÂDA	310	9		00	0	0	—	9.2	28	70	22
	62465	QUSEIR	20	13	15	02	2	6	ci	10.0	31	59	22
	62641	PORT SÛDÂN											
North Sûdân	62600	WÂDI HALFA											
	62640	ABU HAMAD	00	0	30	03	1	6	cu,as	3.2	43	13	9
	62660	KAREIMA											
	62680	'ATBARA	310	2	30	03	1	4	sc,cu	2.2	43	13	9
	62721	KHARTÛM	230	11	10	32	6	5	ac,ci				15
	62730	KASSALA	270	2	30	00	0	0	—	4.3	39	28	17
Central Sûdân	62751	WÂD MEDANI	230	9	35	02	1	7	as	3.1	33	47	20
	62801	RENK	230	5	50	01	1	4	ci		38	35	20
	62802	ROSEIRES	270	19	35	01	1	2	as		34	39	18
	62771	EL OBEID	220	11	30	02	5	7	ac,cs	7.3	31	38	15
	62760	EL FÂSHER	230	5	30	02	1	7	cu,ac		36	22	11
	62770	GENEINA	200	2	30	00	0	1	cu		45	16	13
S. Sûdân	62840	MALAKÂL											
	62880	WÂU	250	3	30	02	1	6	cu,ci	5.3	35	39	19
	62941	JUBA	130	5	10	15	2	7	cl,as	7.1	29	62	21

At 1800 on 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	6	7	01	0	1	ac	13.9	22	74	17	0
SÎDI BARÂNI	00	0	35	01	1	3	asci		20	75	20	dr
MATRÛH	00	0	12	02	2	4	ac	13.3	20	88	18	0
EL DABA	360	11		01	1	4	cu		24	69	18	0
ALEXANDRIA	90	10	3	00	0	0	—	13.1	23	61	15	0
FOUAD (Airport)	30	8	14	01	2	5	as	12.4	22	65	15	0
DAMIETTA	40	5		02	2	8	as	14.0	23	74	18	0
PORT SAÎD	50	10	18	02	2	5	cs	14.7	23	74	18	0
EL 'ARISH			15	01	0	0	—	15.0	22	68	20	0
DAMANHUR	40	9	7	02	1	6	ci	13.9	25	61	17	0
MANSURA	40	5	3	00	1	0	—	14.3	24	61	16	0
TANTA	90	2	35	02	2	0	—	13.1	26	48	14	0
ZAGAZIG	40	5	3	00	1	0	—	13.9	26	55	16	0
ISMAÎLÎA	40	2	3	01	1	3	as	14.2	26	42	12	0
FAROUK (Airport)												
ALMÂZA	40	19	18	00	2	0	—	12.3	30	33	12	0
EZBEKÎYA	70	4	15	00	2	0	—	12.7	29	29	9	0
GÎZA	70	4	15	00	0	2	ci	13.0	30	25	8	0
HELWÂN	40	15	35	01	2	6	ac	12.0	29	23	6	0
FAIYÛM	20	2	35	02	2	8	ci	11.6	31	17	3	0
MINYA	10	15	10	02	2	3	ci	10.9	31	22	7	0
ASYÛT MANQABAD												
NAG' HAMMÂDI	00	0	7	00	0	0	—	6.0	32	38	16	0
QENA	40	2	7	00	0	0	—	6.6	38	16	8	0
LUXOR	00	0	12	00	0	0	—	6.2	37	25	14	0
ASWÂN	90	4	50	00	0	0	—	2.3	41	10	4	0
SÎWA	00	0	7	00	0	0	—	11.9	32	66	25	0
BAHARÎYA	40	2	15	01	2	4	ac	12.8	33	21	8	0
FARAFRA	40	2	7	01	1	2	ac	11.2	33	21	8	0
DAKHLA	320	6	35	00	0	0	—	7.1	36	6	-7	0
KHARGA	20	4	15	00	0	0	—	7.6	38	6	8	0
SUEZ	00	0	15	01	0	1	as	12.7	28	40	13	0
TÛR												
HURGHÂDA	00	0		02	0	2	cs	9.3	29	49	17	0
QUSEIR	360	9	15	02	1	0	—	9.3	29	59	20	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Sunday 22nd May,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	140	2	7	02	8	8	ac	15.6		20	29		17		83	17	dr		
SÎDI BARÂNI	270	5	50	02	8	8	ci,ac	15.9		19	25		17		88	17	dr.	277	
MATRÛH	340	15	11	03	2	8	ci.	15.7		21	29		16		83	16	0		
EL DABA	320			01	1	4	cu			23			17		74	18	0		
ALEXANDRIA	130	6	50	01	1		cu,ac	12.8	-1.0	25	25	-1	20	+2	47	13	0	267	185
FOUAD (Airport)	100	5	15	01	0	4	ci	12.8		24	27		19		54	14	0	265	138
DAMIETTA	140	2		01	1	5	ac	13.5	+0.4	26	29		18		62	18	0	319	105
PORT SAÎD	90	6	18	02	1	3	ci	13.6		26	25		21		48	14	0	72	79
EL 'ARISH	160	2	35	03	1	8	st,cc	14.3	+1.1	22	26	-1	16	+1	65	15	0		93
DAMANHUR	130	13	7	02	1	7	as	13.8	+0.2	25	34	+3	19	+3	47	13	0	102	101
MANSURA	70	5	35	01	1	4	ac	13.5	+0.3	28	34	+2	19	+2	40	13	0	49	54
TANTA	130	5	35	03	2	6	as	14.2	+0.6	26	34	+1	16	0	48	14	0	34	43
ZAGAZIG	40	5	7	00	0	0	—	13.1	-0.4	26	33	0	20	+4	55	16	0	21	27
ISMAÎLÎA	90	2	3	00	2	8	ci	13.0		27	34	+1	19		37	11	0	14	
FAROUK (Airport)																			
ALMÂZA											35								
EZBEKÎYA	40	2	15	00	0	0	—	12.3	-0.1	29	35	+2	20	+2	40	14	0	8	26
GÎZA	40	2	15	00	0	0	—	12.4	-0.6	27	34	+1	16	+1	45	14	0	16	26
HELWÂN	70	13	15	00	0	0	—	12.0	-0.9	31	36	+3	24	+6	17	3	0	16	29
FAIYÛM	300	5	35	02	0	0	—	12.0	-0.8	29	38	+3	20	+2	23	6	0	8	6
MINYA	360	8	10	00	0	0	—	11.3		29	39		20		40	14	0	5	
ASYÛT MANQABAD	00	0	30	00	0	0	—	10.7		30	43		24		22	6	0	dr.	
NAG' HAMMÂDI	00	0	3	00	0	0	—	9.3		32	44		27		38	16	0	0	
QENA	40	2	15	00	0	0	—	8.8	-1.6	31	46	+7	28	+7	22	7	0	dr.	
LUXOR	20	14	30	00	0	0	—	8.8		34	47		26		30	14	0	dr.	
ASWÂN	360	6	50	00	0	0	—	8.8	-1.7	34	46	+6	30	+6	30	14	0	2	
SÎWA	320	7	35	00	0	0	—	15.8	+1.6	25	38	+3	19	+2	61	17	0	dr	8
BAHARÎYA	40	3	35	02	2	7	ac	12.6	-0.7	28	39	+4	24	+6	40	13	0	dr.	7
FARAFRA											40								
DAKHLA	90	13	35	00	0	0	—	8.9	-3.4	35	43	+5	26	+6	29	14	0	dr.	
KHARGA	20	13	35	00	0	0	—	9.4	-1.5	34	43	+4	31	+9	22	9	0	0	
SUEZ	00	0	35	00	0	0	—	12.0	-0.4	29	35	+2	21	+2	29	9	0	12	17
TÛR																		dr.	13
HURGHADA	280	9		00	0	0	—	10.8		27	31		26		55	17	0	7	
QUSEIR	360	13	15	02	0	0	—	10.0	-0.3	29	33	+2	26	+2	59	20	0	0	4
PORT SÛDÂN	170	7	15	02	0	0	—	4.9		37	43		25		63	29	0	35	47
WÂDI HALFA	00	0	30	01	2	8	ac	6.6		35	45		30		27	13	0	14	
ABU HAMAD																			
KAREIMA	200	5	30	03	2	8	ac.	6.8		32	43		25		28	11	0	5	2
'ATBARA	250	13		07	0	3	ac	5.9		31	44		29		43	17	0	7	6
KHARTÛM																	dr	13	7
KASSALA																	0	44	20
WÂD MEDANI																	4	71	22
RENK																			77
ROSEIRES																	7	27	93
EL OBEID																	dr	63	30
EL FÂSHER	210	5	30	00	1	2	ac			35	39		22		39	19	dr	12	13
GENEINA	180	4	30	01	2	6	ci			24	37		23		74	19	0		21
MALAKÂL	360	1	50	02	2	7	ac	12.1		24	29		21		83	21	4	185	171
WÂU	00	0	30	02	1	7	sc,ac	11.6		24	36		18		88	22	8	327	323
JUBA	180	2	30	03	2	7	ac,cs	11.5		24	34		22		88	22	dr.	229	415

HUMIDITY % Mean of day

Station	on 21st	Diff. from normal
Alexandria	61	-10
Ezbekîya	34	-16
Gîza	31	-19
Helwân	17	-21

GÎZA GRASS MINIMUM TEMP. ON 22nd 13.1 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. feet	Dry °C	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — On ..... At ..... AIRPORT

Pressure mbs.	Height above M.S.L. feet	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. feet	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. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 21st May

Station					Fouad A.P.		P. Said		Minya																	
Time					15		15		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					50	17	60	10	360	38																
600					110	10	10	16	360	43																
1000					80	6	10	17	360	35																
1500					40	5	10	21	10	38																
2000					10	7			10	47																
3000					290	23																				
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 22nd May

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabad		Luxor		Aswân		Hurghada		
Time	5		4	15	3		4				6	45	3				5	30	5		9		
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	320	15	300	14	130	20	90	7			70	27	40	23			20	9	10	6	340	25		
600	310	18			120	12	110	20			70	38	40	23			20	7	50	22	310	20		
1000	290	16			60	5	10	16			50	34	20	28			10	7	40	28	290	15		
1500	300	14			350	10	40	29			40	11	10	30			40	3	30	13	320	3		
2000	300	12			320	28					10	18					30	4	40	9				
3000					310	19																		
4000					270	33																		
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	4	45	5		5		4	30					4	15			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	27	80	11	90	19	40	22																
600	350	26	90	18	70	27							40	11			180	12					310	1
1000	330	29	70	18	70	33	50	32					70	15			190	6	130	10			100	5
1500	340	35	20	16			50	23					110	15			270	14	100	10			150	9
2000	360	20	10	23									100	12			350	11					170	11
3000													50	13			20	12					140	15
4000													360	12			10	21						
5000																								
6000																								
7000																								
8000																								

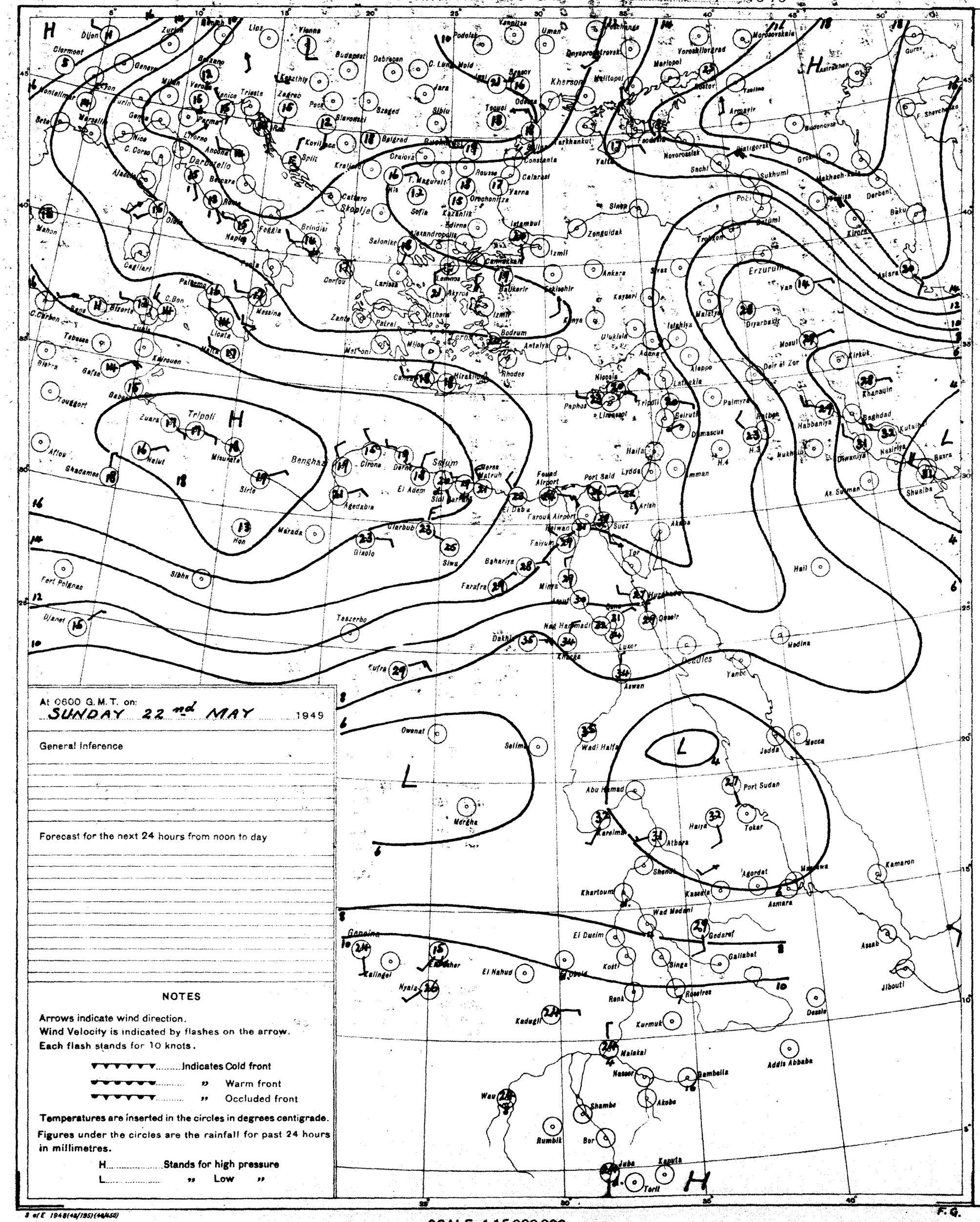
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 22 - 5 - 1949


Dijon
Zurich
Lioz
Vienna
Budapest
Debrecen
Podolsk
Vinnitsa
Uman
Dnyaprodzerovsk
Kherson
Melitopol
Mariopol
Voroshilovgrad
Morozovskaia
Rostov
Tselina
Armavir
Astrakhan
Gurev
F. Shevchenko
Buddonovsk
Clermont
Geneva
Montelimar
Lyon
Marseille
Turin
Genoa
Milan
Verona
Venice
Trieste
Bolzano
Parma
Pisa
Zagreb
Kaszthely
Szeged
Slavonski
Rab
Kovilljaca
Split
Belgrad
Craiova
Ploesti
Constanta
Tarkhankut
Yalta
Feodosia
Novorossiisk
Sochi
Sukhumi
Pistigorsk
Grozny
Makhach-Kala
Derbent
Baku
Kirovsk
Astara
Nice
C. Corso
Ajaccio
Livorno
Ancona
Darbotello
Bari
Rome
Olbia
Cagliari
Palermo
Messina
Naples
Foggia
Brindisi
Catanzaro
Skoplje
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Sofia
Kazanlik
Edirne
Istanbul
Zonguldak
Sinop
Samsun
Trabzon
Batumi
Poti
Erzurum
Van
Malatya
Diyarbakir
Mosul
Kirkuk
Dair el Zor
Khanaqin
Baghdad
Kutaiba
Nasiriya
Basra
Shuaiba
As Suwan
Habbaniya
Diwaniya
Mukhrib
Rutba
Palmyra
Aleppo
Latakia
Beirut
Damascus
Haifa
Amman
Lydda
Port Said
Fouad Airport
El Arish
Akaba
Suez
Tor
Hail
Medina
Yanbo
Jedda
Mecca
Port Sudan
Tokar
Haiya
Atbara
Kareima
Abu Hamad
Wadi Halfa
Aswan
Luxor
Khargha
Dakhla
Deadles
Owenat
Kufra
Selima
Mergha
Tripoli
Benghazi
Cirene
Derna
Ssium
Marsa Matruh
El Adem
Sidi Barrani
Agedabia
Misurata
Sirte
Zuara
Nalut
Ghadames
Aflou
Tougourt
Gabes
Biskra
Tunis
Bizerte
C. Bon
Tebessa
Kairouan
Bône
Gafsa
Laghouat
Bône
Algiers
C. Carbon
Bône
Marada
Hon
Giarabub
Giaolo
Siwa
Bahariya
Farafra
Mimya
Faiyum
Heliwan
Cairo
Tanta
Port Said
Fort Polignac
Sibha
Djanet
Tesazerbo
Nag Hammadi
Dakhla
Kufra
Owenat
Selima
Wadi Halfa
Abu Hamad
Port Sudan
Tokar
Haiya
Atbara
Kareima
Shendi
Khartoum
Kassala
Asmara
Massawa
Kamaron
Agordat
Wad Medani
El Ducim
Gedaref
Galabat
Singa
Kosti
Renk
Roseires
Kurmuk
Malakal
Nasser
Gambeila
Akobo
Shambe
Bor
Rumbik
Wau
Juba
Kapoeta
Torit
Addis Abbaba
Dessie
Jibouti
Assab
Gonaina
Kalingel
Nyala
El Nahud
Obeid
El Fasher
Geneina
Mahon
Bône
Algiers
Tunis
Tripoli
Benghazi
Cairo
Port Said
Suez
Khartoum
Asmara
Addis Abbaba
Jibouti
Port Sudan
Aden
Mecca
Jedda
Medina
Baghdad
Basra
Tehran
Erzurum
Tiflis
Baku
Astrakhan
Rostov
Odessa
Kherson
Sevastopol
Constanta
Istanbul
Ankara
Izmir
Athens
Salonika
Sofia
Belgrade
Budapest
Vienna
Zurich
Dijon
Clermont
Marseille
Rome
Naples
Palermo
Malta

CAIRO

Time of Sunrise 02 57 G. M. T.

" " Sunset 16 46 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: Monday 23rd May, 1949

Area	Index Number	Station	At 1200 on Sun 22nd: Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	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	6	7	01	0	1	ac,a	15.2	23	61	15
	62303	SÎDI BARÂNI	340	5		01	6	3	ci	15.9	21	63	18
	62306	MATRÛH											
	62309	EL DABA	340			02	5	7	cu		21	83	18
		ALEXANDRIA	40	9	50	03	2	8	st	14.2	22	83	19
	62318	FOUAD (Airport)	360	17	12	02	1	7	ac	14.1	23	74	18
	62330	DAMIETTA	340	5	15	02	1	5	ac	12.6	28	40	13
	62333	PORT SAÏD	360	8	30	02	1	5	ci	13.8	26	58	17
	62336	EL 'ARISH	360	9	35	01	0	2		13.3	27	37	11
LOWER EGYPT	62339	DAMANHUR	360	19	15	02	1	7	as	14.8	29	40	14
	62342	MANSURA	40	2	35	02	1	5	ac	13.3	34	27	12
	62348	TANTA	210	2	35	02	1	6	cu	13.5	35	19	8
	62354	ZAGAZIG	40	5	7	02	2	8	as	12.8	34	32	15
	62441	ISMAÏLIA	20	5	7	02	2	8	as	12.2	33	16	4
CAIRO AREA	62366	FAROUK (Airport)	300	5	12	02	2	8	ac	10.0	33	28	12
	62372	ALMAZA											
		EZBEKIYA	30	5	15	00	0	8		12.2	35	19	8
		GÎZA	30	5	15	00	0	6		12.4	34	17	6
	62378	HELWÂN	360	15	15	02	2	6	ci	11.0	35	12	1
UPPER EGYPT	62381	FAIYÛM	20	6	35	03	2	8	ci	10.4	37	11	2
	62387	MINYA	10	17	12	03	0	3	ci	9.8	39	14	7
	62393	ASYÛT MANFALUT	340	3	30	03	0	1	ci	7.7	41	8	1
	62399	NAG' HAMMADI	320	3	7	00	0	0	—	5.9	42	18	13
	62402	QENA	240	5	50	00	0	0	—	5.9	45	16	13
	62405	LUXOR	340	8	30	00	0	0	—	5.2	44	20	16
	62414	ASWÂN	270	5	50	00	0	0	—	4.8	45	8	3
OASES	62417	SÎWA	40	10	35	03	2	8	cu,sc	14.3	34	32	15
	62420	BAHARIYA	360	4	35	01	2	4	ac	11.1	37	18	9
	62423	FARAFRA											
	62432	DAKHLA	360	13	50	00	0	0	—	6.4	41	25	17
	62435	KHARGA	00	0	35	00	0	0	—	7.0	42	15	10
RED SEA	62450	SUEZ	200	8	15	03	2	7	as	10.2	34	27	12
	62459	TÛR											
	62462	HURGHADA	300	15		00	0	0	—	7.9	28	70	22
	62465	QUSEIR	20	13	15	02	0	0	—	8.7	30	66	23
	62641	PORT SUDAN											
NORTH SUDAN	62600	WÂDI HALFA											
	62640	ABU HAMAD	90	5	30	01	1	8	cs	1.5	44	11	7
	62660	KAREIMA	360	3	30	01	1	5	cs	2.5	42	16	11
	62680	'ATBARA	180	2	2	05	1	0	—	1.9	42	19	14
	62721	KHARTÛM	290	2	10	02	1	5	cu,ac	2.5	41	17	11
	62730	KASSALA											
CENTRAL SUDAN	62751	WÂD MEDANI											
	62801	RENK	230	2	50	01	1	6			33	24	10
	62802	ROSEIRES	260	5	35	01	1	2	ac		33	47	20
	62771	EL OBEID	190	4	30	02	2	7	cu,ac	5.5	34	34	16
	62760	EL FÂSHER	160	12	30	01	1	3	cu,ci		35	30	15
	62770	GENEINA	130	3	30	02	1	7	cu,ci		32	41	17
S. SUDAN	62840	MALAKÂL	200	4	50	02	1	7	ac	7.9	30	59	21
	62880	WÂU	30	4	30	01	1	3	cu,ac	6.4	33	47	20
	62941	JUBA	50	6	50	04	0	3	cu,ac		32	49	20

Station	At 1800 on Sun 22nd: Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past 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	7	03	2	5	cu,sc,ac	15.2	20	63	17	0
SÎDI BARÂNI	00	6		03	1	4	as,ac	15.8	19	95	19	dr.
MATRÛH	20	4	13	02	1	1	sc	14.8	20	68	18	0
EL DABA	320	10		01	1	4	cu		20	83	17	dr
ALEXANDRIA	90	5	3	00	0	0	—	14.6	23	61	15	0
FOUAD (Airport)	70	7	12	01	2	5	ac,ci	14.0	22	69	16	0
DAMIETTA	20	5		02	1	6	ac	13.6	23	65	16	0
PORT SAÏD	50	13	15	01	2	5	ac,ci	13.3	23	65	16	0
EL 'ARISH	20	9	15	02	0	1	cu	14.6	22	74	17	0
DAMANHUR	360	9	15	01	1	4	ci	14.2	23	74	18	0
MANSURA	40	5	3	00	1	0	—	13.9	24	54	14	0
TANTA	310	2	35	02	1	0	—	[illegible]	25	42	11	0
ZAGAZIG	40	5	3	00	1	0	—	13.0	25	61	17	0
ISMAÏLIA	40	5	3	01	1	4	as	13.4	24	47	12	0
FAROUK (Airport)	70	7	8	05	2	3	ac		28	42	14	0
ALMAZA												
EZBEKIYA	70	6	15	00	0	0	—	12.0	29	29	9	0
GÎZA	70	6	15	00	0	0	—	12.6	29	26	8	0
HELWÂN	40	11	15	01	1	2	ci	11.9	30	21	5	0
FAIYÛM	20	2	35	02	2	8	ci	11.6	30	35	13	0
MINYA	30	13	8	01	1	3	ci	11.2	31	28	10	0
ASYÛT MANFALUT												
NAG' HAMMADI	00	0	3	00	0	0	—	6.7	34	32	15	0
QENA	290	5	7	00	0	0	—	5.9	38	16	6	0
LUXOR	330	11	12	00	0	0	—	5.2	39	26	16	0
ASWÂN	360	6	50	00	0	0	—	3.9	40	10	2	0
SÎWA	00	0	7	00	0	0	—	11.6	30	35	13	0
BAHARIYA	00	0	15	02	1	4	ac	11.4	32	28	11	0
FARAFRA												
DAKHLA	320	13	35	00	0	0	—	6.7	36	15	6	0
KHARGA	360	14	15	00	0	0	—	7.2	36	24	12	0
SUEZ	00	0	15	01	0	4	as	12.0	27	37	11	0
TÛR												
HURGHADA	250	24		00	0	0	—	8.4	31	36	14	0
QUSEIR	330	9	15	02	0	0	—	6.3	29	59	20	0
PORT SUDAN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

Station	At 0600 on Monday 23rd May: Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temp. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	40	4	7	01	2	6	ac	14.8		21	23		16		74	16	0		
SÎDI BARÂNI	20	4		03	1	7		14.7		20	22		19		68	18	dr.	277	
MATRÛH	110	4	12	02	0	6	sc	16.0		22	21		15		69	16	0		
EL DABA	40	10		00	0	0	—	14.7		24			18		61	16	dr		
ALEXANDRIA	40	8	50	00	0	0	—	14.3	+0.5	21	25	-2	19	0	88	19	0	267	165
FOUAD (Airport)	40	13	18	00	0	0	—	13.1		24	27		18		64	18	0	265	138
DAMIETTA	360	5		03	1	7	as	13.4	+0.4	23	30		16		74	18	0	319	105
PORT SAÏD	10	12	15	02	1	1	ci	13.2		24	28		21		74	19	0	72	79
EL 'ARISH	20	5	35	03	1	3	cu	12.4	-0.8	22	30	+3	17	+1	57	13	0		93
DAMANHUR	40	9	7	02	0	0	—	13.3	-0.3	24	30	-1	18	+2	61	16	0	102	101
MANSURA	360	4	35	00	0	0	—	13.1	-0.1	25	36	+4	18	+1	61	17	0	49	54
TANTA	360	13	35	02	0	0	—	13.4	-0.2	24	35	+2	15	-1	61	16	0	34	43
ZAGAZIG	40	9	7	00	0	0	—	12.4	-1.0	25	36	+3	18	+2	70	19	0	21	27
ISMAÏLIA	40	2	7	00	0	0	—	12.2		27	34		19		37	11	0	14	
FAROUK (Airport)	350	3	30	00	0	0	—	12.6		24	36				54	14	0		
ALMAZA	30	5		00	0	0	—	12.5		24			18		47	12	0		
EZBEKIYA	360	8	15	00	0	0	—	12.0	-1.0	24	35	+2	20	+2	54	14	0	8	26
GÎZA	360	8	15	00	0	0	—	12.2	-0.8	24	35	+2	18	+3	55	14	0	16	26
HELWÂN	320	4	7	00	0	1	ci	11.5	-1.3	25	36	+3	18	0	45	12	0	16	29
FAIYÛM	20	5	35	01	0	0	—	11.2	-1.6	27	37	+2	20	+2	37	11	0	8	8
MINYA	20	5	8	00	0	0	—	10.5		28	39		19		40	13	0	5	
ASYÛT MANFALUT	00	0	30	00	0	1	ac	10.0		30	42		25		33	12	0	dr	
NAG' HAMMADI	00	0		00	0	0	—	9.3	-0.6	32	44		23		43	18	0	0	
QENA	20	2	35	00	0	0	—	8.8	-1.5	32	46	+7	27	+6	24	9	0	dr	
LUXOR	40	4				0	—				46		27			13	0	dr	
ASWÂN	360	4	50	01	1	4	as	8.7	-1.7	33	46	+6	30	+6	20	7	0	2	
SÎWA	40	6	35	03	2	8	ac	13.9	-0.2	22	35	0	19	+2	74	17	dr.	dr	8
BAHARIYA	360	2	35	02	0	0	—	10.7	-2.5	28	38	+3	23	+5	45	15	0	dr	7
FARAFRA	40	2	15	02	1	4	ac	9.6		29			22		19	3	0		
DAKHLA	160	2	35	00	0	0	—	7.8	-4.1	32	43	+5	29	+9	38	16	0	dr	
KHARGA	20	2	35	00	0	0	—	8.0	-2.8	34	42	+3	28	+6	27	12	0	0	
SUEZ	00	0	35	00	0	0	—	11.2	-1.1	27	35	+2	19	0	37	11	0	12	17
TÛR																		dr	13
HURGHADA	290	6		00	0	0	—	9.9		27	31		24		66	20	0	7	
QUSEIR	360	13	15	02	0	0	—	9.4	-0.8	31	32	+1	25	+1	43	17	0	0	4
PORT SUDAN	50	13	10	00	0	0	—			34	41		26		41	19	0	35	97
WÂDI HALFA																	0	14	
ABU HAMAD																			
KAREIMA																	0	5	2
'ATBARA	250	9	10	05	1	4	ac	6.2		32	43				43	18	dr.	7	6
KHARTÛM	230	13	4	05	1	5	cu,ac	6.9		28	43		26		58	19	0.4	13	7
KASSALA	160	5	30	02	1	8	cs	8.8		27	40		24		58	18	dr.	44	20
WÂD MEDANI																	0	71	22
RENK																			79
ROSEIRES	200	5	15	01	8	8									19	dr.	27	96	
EL OBEID	170	10	30	03	6	8	ac.	8.7		27	34		26		62	19	dr.	63	30
EL FÂSHER	170	5	35	02	5	7	ci			27	37		21		66	20	dr	12	13
GENEINA																			21
MALAKÂL	50	2	30	02	2	8	ac	10.3		26	32		23		64	23	0	185	174
WÂU	00	0	30	02	8	7	ac	9.1		27	34		23		66	20	dr.	327	328
JUBA	160	1		03	2	8	ac,cs	11.0		26	33		23		84	23	0	329	420

HUMIDITY % Mean of day

Station	on 22nd	Diff. from normal
Alexandria	52	-19
Ezbekiya	33	-17
Giza	33	-17
Helwân	17	-21

GÎZA GRASS MINIMUM TEMP. ON 23rd 15.8 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. feet	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — On ..... At ..... AIRPORT

Pressure mbs.	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

Pressure mbs.	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

Pressure mbs.	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 22nd May

Height m.	Port Said 14 Dir.	Vel.	Fouad A.P. 15 Dir.	Vel.	Minya 15 30 Dir.	Vel.	Matruh 14 30 Dir.	Vel.
300	340	25	20	6	360		360	9
600	360	11	290	10	360		20	10
1000	350	17	230	9	360		50	9
1500	280	13	240	19	360	11	260	13
2000	310	14	270	26			270	25
3000	280	20	270	33				
4000	280	14						
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 23rd May,

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manfalut		Luxor		Aswân		Hurghada		Farouk	
Time	5		4		3		3				6 15		3		8		5 15		5		9		3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	30	8	40	8	30	12	60	12			310	9	10	14	80	7	40	8	20	10	350	16	70	9
600	40	8	130	11	60	3	40	2			40	9	10	15	30	15	40	14	40	28	330	16	30	10
1000	30	7			20	12	20	9			70	15	10	14	40	24	40	18	20	41	290	7	30	10
1500					330	8	290	9			40	9	10	16	20	17	350	8	40	23	350	14	340	16
2000					300	16	310	21			360	14							70	19	320	20	330	21
3000					250	13	300	36															290	31
4000																								
5000																							260	29
6000																							250	37
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	4 45		5		5		4 30		4				4		4								3 30	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	60	22	90	13	110	11	80	16	70	12														
600	80	30	90	18	90	17	60	24	80	16			300	12	170	21							150	6
1000	100	20	90	23	80	30	50	27	90	21			330	10	170	26							190	4
1500	30	11	60	18	80	30			110	17			80	11	200	22							310	1
2000	330	22											80	15	210	19							360	1
3000	250	9																						
4000	230	17																					270	1
5000	260	28																						
6000																								
7000																								
8000																								

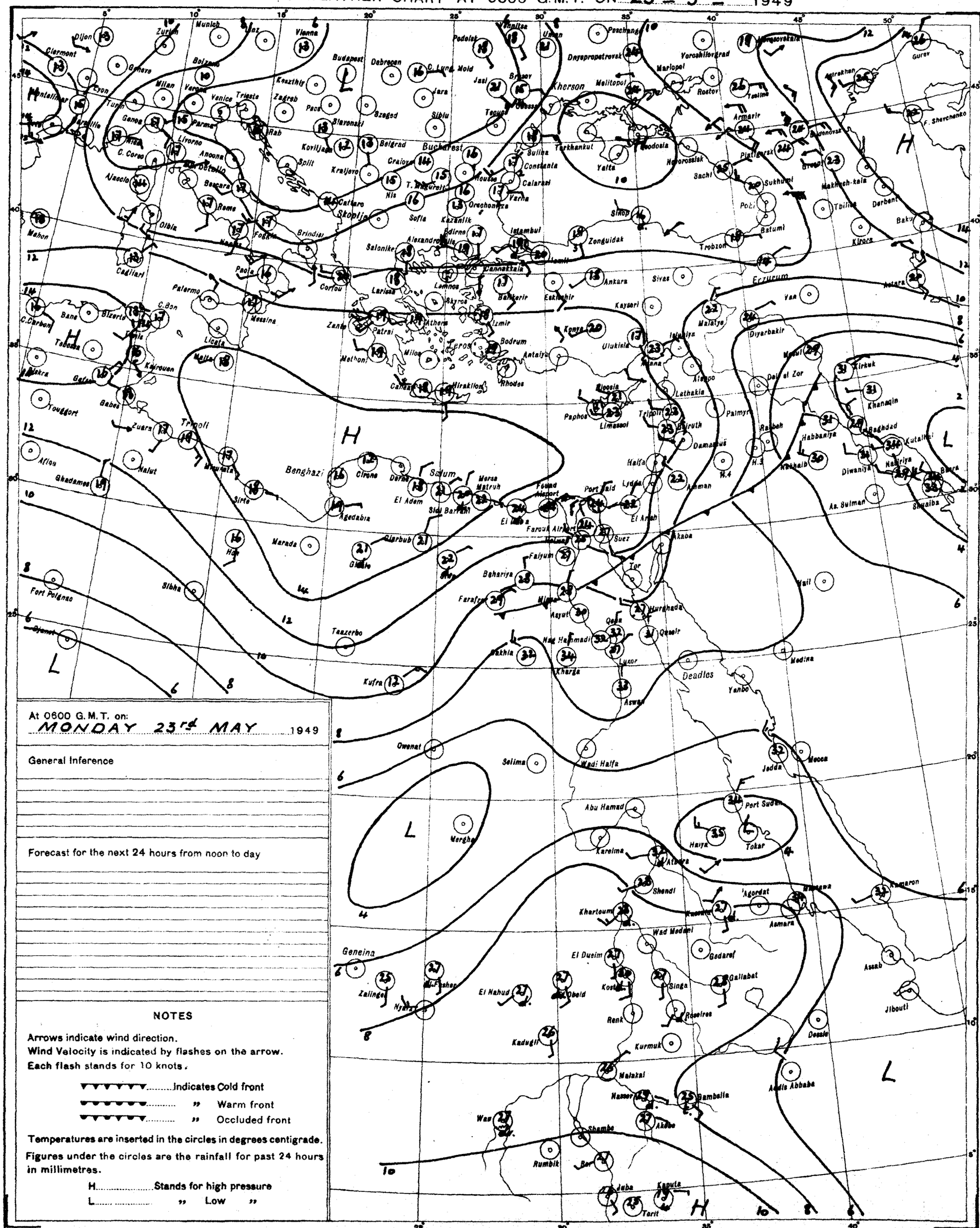
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 23 – 5 – 1949


Dijon
Zurich
Munich
Vienna
Clermont
Geneva
Lyon
Milan
Turin
Genoa
Nice
Ajaccio
C. Corso
Livorno
Ancona
Pescara
Rome
Bari
Brindisi
Foggia
Naples
Palermo
Messina
Catania
Cagliari
Mahon
Palma
Tunis
Bizerta
Tripoli
Benghazi
Tobruk
Malta
Budapest
Debrecen
Szeged
Belgrad
Bucharest
Craiova
Sofia
Skopje
Salonika
Athens
Corfou
Zante
Patrai
Lemnos
Skyros
Larissa
Istanbul
Edirne
Zonguldak
Samsun
Trabzon
Ankara
Sivas
Erzurum
Van
Kayseri
Eskisehir
Izmir
Bodrum
Antalya
Rhodes
Iraklion
Cyprus
Nicosia
Paphos
Limassol
Beirut
Damascus
Haifa
Lydda
Amman
Jerusalem
Aleppo
Latakia
Palmyra
Tripoli
Mosul
Kirkuk
Khanaqin
Baghdad
Kutaiba
Basra
Shuaiba
Diwaniya
Habbaniya
Rutbah
Rabbah
Deir el Zor
Diyarbakir
Malatya
Ulukisla
Adana
Kherson
Dnyepropetrovsk
Mariopol
Melitopol
Rostov
Taganrog
Armavir
Novorossiysk
Sochi
Sukhumi
Poti
Batumi
Tbilisi
Kirovabad
Derbent
Makhach-kala
Astrakhan
Krasnovodsk
Gurev
Aktyubinsk
Orenburg
Kuybyshev
Saratov
Tashkent
Alma Ata
Tiflis
Yerevan
Kars
Van
Mosul
Baghdad
Basra
Khartoum
Port Said
Suez
Cairo
Alexandria
Tobruk
Benghazi
Sirte
Tripoli
Gabes
Sfax
Kairouan
Tunis
Bizerta
Bone
Algiers
Oran
Tangier
Casablanca
Rabat
Fez
Tetuan
Malaga
Madrid
Lisbon
Porto
Coimbra
Valencia
Barcelona
Palma
Marseille
Nice
Toulouse
Bordeaux
Paris
Brest
Cherbourg
Le Havre
Boulogne
Calais
Dublin
Cork
Shannon
Belfast
Glasgow
Edinburgh
Newcastle
Manchester
Birmingham
London
Southampton
Plymouth
Valentia
Stornoway
Lerwick
Reykjavik
Jan Mayen
Bergen
Stavanger
Oslo
Stockholm
Gothenburg
Copenhagen
Helsinki
Tallinn
Riga
Kaunas
Vilnius
Minsk
Kiev
Odessa
Sevastopol
Kharkov
Moscow
Leningrad
Murmansk
Archangel
Vologda
Kazan
Perm
Sverdlovsk
Tyumen
Omsk
Novosibirsk
Barnaul
Tomsk
Irkutsk
Yakutsk
Vladivostok
Khabarovsk
Petropavlovsk
Nikolayevsk
Ashkhabad
Tashkent
Alma Ata
Frunze
Dushanbe
Kabul
Peshawar
Quetta
Karachi
Jiwani
Jodhpur
Jaipur
Delhi
Lucknow
Calcutta
Dacca
Chittagong
Rangoon
Mandalay
Lashio
Bangkok
Hong Kong
Canton
Shanghai
Nanking
Hankow
Chungking
Kunming
Lhasa
Tokyo
Osaka
Fukuoka
Sapporo
Hakodate
Nagasaki
Taipei
Manila
Cebu
Zamboanga
Davao
Kuala Lumpur
Singapore
Medan
Bangkok
Rangoon
Calcutta
Delhi
Karachi
Quetta
Peshawar
Jodhpur
Jaipur
Lucknow
Dacca
Chittagong
Mandalay
Lashio

CAIRO

Time of Sunrise 02 57 G.M.T.

" " Sunset 16 47 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: Tuesday 24th May, 1949

At 1200 on Mon. 23rd

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	40	10	7	21	5	7	ac	14.6	21	69	16
	62303	SÎDI BARÂNI	40	4	50	03	2	3	sc,c	15.4	21	83	18
	62306	MATRÛḤ											
	62309	EL DABA	40	11		00	0	0	—		24	69	18
		ALEXANDRIA	90	10	50	01	1		cu,ci	14.3	23	74	18
	62318	FOUAD (Airport)	20	12	14	01	2	3	cs	13.1	26	55	16
	62330	DAMIETTA	20	5	15	02	1	5	ac	13.6	25	61	17
	62333	PORT SAÏD	40	16	30	02	D	0	—	13.4	25	65	18
	62336	EL 'ARISH	40	9	35	02	0	2	st.	12.6	25	61	17
Lower Egypt	62339	DAMANHUR	40	13	15	03	1	6	as	13.1	29	40	14
	62342	MANṢURA	40	5	35	01	1	4	ac	13.1	32	34	14
	62348	ṬANṬA	360	13	35	03	2	8	ac	13.0	32	34	14
	62354	ZAGAZIG	40	9	15	00	0	0	—	12.7	33	38	17
	62441	ISMAÏLÍA	40	5	15	02	0	0	—	11.8	31	38	15
Cairo Area	62366	FAROUK (Airport)	20	11	18	00	0	0	—	10.8	34	36	17
	62372	ALMÂZA	40	13	30	00	0	0	—	10.5	34	23	10
		EZBEKÎYA	330	5	35	00	0	0	—	11.0	34	27	12
		GÎZA	330	5	35	00	0	0	—	11.4	34	23	10
	62378	ḤELWÂN	360	10	35	02	0	0	—	10.0	35	15	5
Upper Egypt	62381	FAIYÛM	20	5	35	02	0	0	—	10.2	35	19	8
	62387	MINYA	350	17	12	00	0	1	ci	9.0	39	17	10
	62393	AṢYÛṬ MANQABÂD	360	2	30	01	0	1	st,ci	6.9	40	10	2
	62399	NAG' ḤAMMÂDI	320	1	7	00	0	0	—	5.4	41	20	14
	62402	QENA	20	5	50	00	0	0	—	5.5	44	14	11
	62405	LUXOR	20	5	30	00	0	0	—	5.3	43	9	4
	62414	ASWÂN	340	4	50	01	1	4	as	3.5	45	6	-1
Oases	62417	SÎWA	00	0	35	00	0	0	—	11.9	32	49	20
	62420	BAḤARÎYA	360	2	35	03	2	7	ac	9.9	37	18	9
	62423	FARAFRA	30	10	15	02	2	8	ac	10.0	38	16	8
	62432	DAKHLA	360	9	50	00	0	0	—	5.3?	40	10	2
	62435	KHARGA	00	0	35	00	0	0	—	6.4	42	18	13
Red Sea	62450	SUEZ	360	5	35	02	0	0	—	9.3	36	20	10
	62459	ṬÛR											
	62462	HURGHÂDA	350	3		00	0	0	—	8.7	31	55	21
	62465	QUSEIR	20	9	15	02	0	0	—	8.7	32	43	18
	62641	PORT SÛDÂN											
North Sûdân	62600	WÂDI ḤALFA											
	62640	ABU ḤAMAD											
	62660	KAREIMA											
	62680	'ATBARA											
	62721	KHARTÛM											
	62730	KASSALA											
Central Sûdân	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID											
	62760	EL FÂSHER											
	62770	GENEINA											
S. Sûdân	62840	MALAKÂL											
	62880	WÂU											
	62941	JUBA											

At 1800 on Mon. 23rd

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALÛM	20	6	7	01	5	5	ac	13.5	19	88	17	dr.
SÎDI BARÂNI	40	7	35	02	6	8	cs,as	14.0	19	88	17	dr.
MATRÛḤ	100	1	11	03	8	8	ac	13.1	20	73	15	dr
EL DABA	40	10		02	2	6	cu		23	65	16	0
ALEXANDRIA	90	10	3	00	0	0	—	12.9	20	83	17	0
FOUAD (Airport)	40	7	12	02	0	3	ci	13.0	20	78	16	0
DAMIETTA	20	5		01	0	1	ac	12.8	22	83	19	0
PORT SAÏD	30	8	15	01	1	1	ci	13.3	22	78	18	0
EL 'ARISH			15	01	0	0	—	12.4	21	83	18	0
DAMANHUR	40	9	15	02	1	6		13.5	23	74	18	0
MANṢURA	20	9	3	00	1	0	—	13.3?	23	61	15	0
ṬANṬA	40	2	35	01	2	5	cu	14.0?	25	54	15	0
ZAGAZIG	40	5	3	00	0	0	—	12.6	24	61	16	0
ISMAÏLÍA	40	2	7	02	0	0	—	13.1	24	54	14	0
FAROUK (Airport)												
ALMÂZA												
EZBEKÎYA	70	8	15	00	0	0	—	12.0	27	42	13	0
GÎZA	70	8	15	00	0	0	—	12.2	28	38	12	0
ḤELWÂN	40	19	35	01	0	0	—	10.7	28	33	10	0
FAIYÛM	20	2	35	03	1	4	ci	9.8	31	31	12	0
MINYA	30	11	8	02	0	6	ci	8.9	32	29	12	0
AṢYÛṬ MANQABÂD												
NAG' ḤAMMÂDI	00	0	3	00	0	0	—	5.3	32			0
QENA	90	2	7	00	0	0	—	5.8	37	14	6	0
LUXOR	260	11	12	00	0	0	—	5.4	38	8	-2	0
ASWÂN	00	0	50	00	0	0	—	3.5	40	10	2	0
SÎWA	00	0	7	00	0	0	—	11.8	28	52	17	0
BAḤARÎYA	360	2	15	02	2	5	ac	9.6	33	24	10	0
FARAFRA	360	5	7	01	1	3	cu	7.9	34	27	12	0
DAKHLA	320	6	35	00	0	0	—	4.8	36	10	-1	0
KHARGA	360	6	15	00	0	0	—	5.5	37	22	12	0
SUEZ	00	0	15	02	0	0	—	11.6	26	48	14	0
ṬÛR												
HURGHÂDA	270	6		01	0	1	ci	8.2	30	40	15	0
QUSEIR	330	9	15	02	0	0	—	7.9	30	52	19	0
PORT SÛDÂN												
WÂDI ḤALFA												
ABU ḤAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Tuesday 24th May,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Maximum Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	90	8	7	20	5	8	cu,sc,ac	13.8		19	22		16		88	17	1		
SÎDI BARÂNI	70	6	50	02	6	8	sc,cu,as	14.7		19	22		18		88	17	1	278	
MATRÛḤ	50	3	12	03	2	8	sc,ci	15.3		20	24		16		83	17	dr		
EL DABA	360	10		01	1	6	cu			21			19		83	18	0		
ALEXANDRIA	40	11	50	01	1		sc,ac	11.8	-2.0	21	24	-3	19	0	74	16	0	267	165
FOUAD (Airport)	40	14	14	01	2	6	ac,ci	12.1		23	27		17		65	16	0	265	138
DAMIETTA	70	2		03	1	7	as	12.8	-0.2	25	26		18		68	23	0	319	105
PORT SAÏD	100	12	15	02	2	7	ci	12.8		23	26?		21		65	16	0	72	
EL 'ARISH			35	03	2	7	st.	13.5	+0.4	23	30?	+2	16	0	65	16	0		93
DAMANHUR	40	19	7	01	1	4	ac	11.8	-1.7	23	30	-1	16	+2	61	15	0	102	101
MANṢURA	70	9	35	03	1	6	sc,cu	11.9	-1.3	24	32	0	19	+2	54	14	0	49	54
ṬANṬA	90	18	35	01	2	6	cu	11.8	-1.8	23	33	0	16	0	61	15	0	34	43
ZAGAZIG	40	9	7	02	2	8	as	10.8	-2.5	24	34	+1	18	+2	69	18	0	21	27
ISMAÏLÍA	40	9	3	03	2	8	as	12.0		24	32		20		64	14	0	14	
FAROUK (Airport)	50	17	13	01	2	6	ac	11.8		24			20		63	17	0		
ALMÂZA	70	20	18	02	2	6	ac	10.9	-2.0	24			20		61	16	0		
EZBEKÎYA	90	11	15	00	0	2	cs	10.4	-2.5	25	34	+1	21	+3	47	13	0	8	26
GÎZA	90	11	15	00	0	2	cs	11.2	-1.7	25	34	+1	20	+5	45	12	0	16	26
ḤELWÂN	70	13	15	00	2	6	ce	10.6	-2.2	28	35	+2	22	+4	27	7	0	16	29
FAIYÛM	20	8	35	02	2	6	ci	10.2	-2.5	27	36	+1	21	+3	42	13	0	8	8
MINYA	10	13	10	00	0	3	ci	9.3		28	40		21		37	12	0	5	
AṢYÛṬ MANQABÂD	00	0	18	00	0	1	ci	8.5		31	42		24		26	9	0	dr	
NAG' ḤAMMÂDI	00	0	3	00	0	0	—	7.4	-3.1	32	42		23		26	10	0	0	
QENA	40	5	15	00	0	0	—	7.9	-2.4	32	45	+6	28	+7	28	11	0	dr	
LUXOR	20	3	30	00	0	0	—	7.3		35	44		25		15	5	0	dr	
ASWÂN	360	4	50	00	0	0	—	7.4	-2.9	33	46	+6	29	+5	20	7	0	2	
SÎWA	40	21	35	03	2	8	cu,sc	12.6	-1.5	21	33	-2	16	-1	74	16	1	1	8
BAḤARÎYA	90	8	35	02	2	7	ac	9.3	-3.9	29	38	+3	25	+7	23	6	0	dr	7
FARAFRA	360	2	7	02	2	6	ac	8.2		30	39		24		40	15	0		
DAKHLA	90	6	35	00	0	0	—	7.1	-4.8	35	43	+5	28	+8	15	5	0	dr	
KHARGA	00	0	35	00	0	0	—	7.2	-3.6	36	43	+4	30	+8	25	13	0	0	
SUEZ	360	4	15	00	0	8	as	10.7	-1.6	27	37	+4	21	+2	37	11	0	12	17
ṬÛR																		dr	13
HURGHÂDA	260	1		00	0	0	—	9.6		27	32		22		66	20	0	7	
QUSEIR	360	9	15	02	0	0	—	9.3	-0.8	29	34	+2	26	+2	66	22	0	0	4
PORT SÛDÂN																		35	97
WÂDI ḤALFA	80	1	10	01	1	1	ac	5.1		36	45		29		17	7	0	14	
ABU ḤAMAD																			
KAREIMA																		5	2
'ATBARA																		7	6
KHARTÛM	240	9	35	01	6	5	ci			32						16	dr	13	7
KASSALA																		44	21
WÂD MEDANI	240	9	35	01	6	5	ac								38	16	dr	71	22
RENK	230	9	50	01	1	6	cu			30	38		23		66	23	0		80
ROSEIRES																		27	98
EL OBEID	250	10	30	00	0	0	—	6.7		30	37		27		49	18	0	63	31
EL FÂSHER	360	2	30	01	9	5	ac			27	37		23		58	18	5	17	13
GENEINA	350	1	30	01	1	4	sc			24	34		23		69	18	0		22
MALAKÂL	200	5	30	03	2	7	ac	10.1		25	36		23		84	22	0	186	177
WÂU																		327	333
JUBA	180	2	30	02	2	6	cs	10.0		25	34		24		84	22	0	329	425

HUMIDITY % Mean of day

Station	on 23rd	Diff. from normal
Alexandria	82	+11
Ezbekîya	46	-4
Gîza	43	-7
Helwân	38	0

GÎZA GRASS MINIMUM TEMP. ON 24th 16.9 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. feet	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — On ..... At ..... AIRPORT

Pressure mbs.	Height above M.S.L. feet	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. feet	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. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on Mon. 23rd

Height m.	Port Said Time 14 Dir.	Vel.	Matruh Time 14 Dir.	Vel.	Fouad A.P. Time 14 Dir.	Vel.	Minya Time 15 Dir.	Vel.
300	20	20	20	16	40	13	360	40
600	360	11	120	7	50	9	10	36
1000	320	8	100	6	40	5	10	59
1500	310	9			20	6	10	40
2000	310	14			270	15	10	36
3000	200	29			270	22		
4000	310	11						
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on Tuesday 24th May,

Station	Sîdi Barâni		Matrûḥ		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Aṣyûṭ Manqabâd		Luxor		Aswân		Hurghada		Farouk A.P.	
Time	5		4		3						6 45		3		8		5 30		5		9		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	70	5	20	11	80	13					90	26	80	8	120	4	40	8	20	7	90	5	30	13
600	50	10	10	14	90	13					100	16	70	21	140	7	90	19	60	20	140	10	70	17
1000	330	6	350	21	150	14					100	23	50	19	120	23	80	17	70	28	150	10	80	16
1500	350	7			240	17					140	6	50	10	70	80	110	10	80	19	110	9	350	5
2000					260	25					260	9	40	5	100	7			70	18			290	17?
3000					240	38							300	22	180	16							260	33?
4000															240	26								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Baḥarîya		Dakhla		Kharga		Wâdi Ḥalfa		Abû Ḥamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	4 45		5		5		4 30				3 30		4 15				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	17	70	20	110	13	70	6	10	5														
600	60	16	80	26	110	20	110	11	50	10	90	18	90	5			200	8					230	15
1000	60	16	80	29	120	31	100	13	50	15	100	13	230	7			240	9			130	13	230	20
1500	130	20	120	13	120	45	110	19	70	22	100	7	160	5							150	9	270	8
2000	150	35	140	13			110	13	110	17			90	5							200	3	340	3
3000	200	36																					80	15
4000																								
5000																								
6000																								
7000																								
8000																								

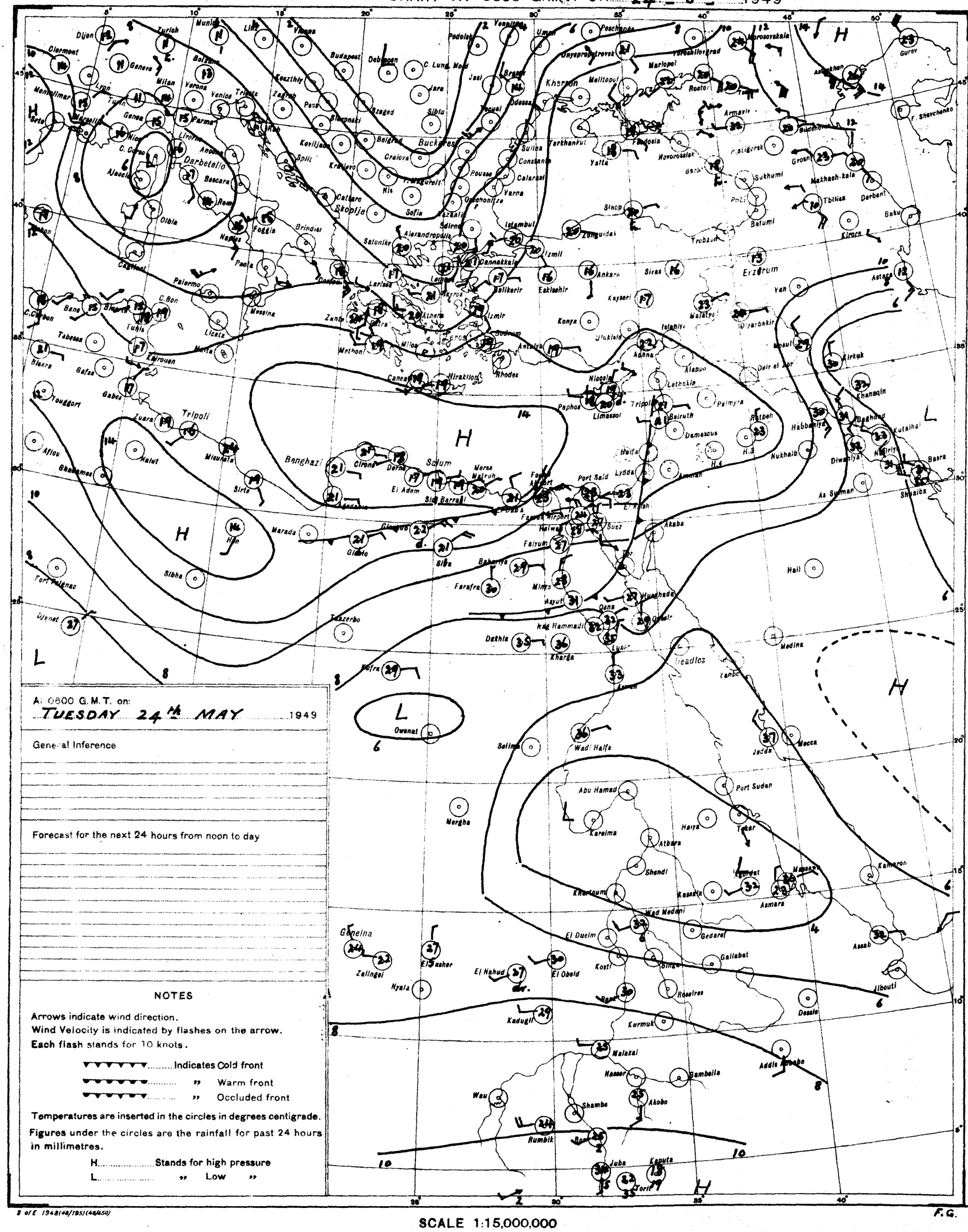
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 24 - 5 - 1949


Dijon
Zurich
Munich
Linz
Vienna
Budapest
Debrecen
Podolsk
Voronezh
Umsk
Peschanoe
Novorossiyskaya
Gurev
Clermont
Geneva
Milan
Verona
Venice
Trieste
Zagreb
Pecs
Szeged
Kecskemet
Miskolc
Jasi
Brasov
Kherson
Melitopol
Marlopol
Rostov
Astrakhan
Montpellier
Marseille
Lyon
Turin
Genoa
Parma
Livorno
Ancona
Bologna
Belgrad
Bucharest
Craiova
Constanta
Sulina
Tarkhankut
Yalta
Feodosia
Novorosiysk
Armavir
Pyatigorsk
Grozny
Makhach-kala
Derbent
Tbilisi
Baku
Batumi
Sukhumi
Poti
Trebizon
Sinop
Zonguldak
Kirovo
Erzerum
Van
Astara
Ankara
Sivas
Kayseri
Malatya
Diyarbakir
Mosul
Kirkuk
Khanaqin
Baghdad
Kutalhai
Basra
Shuaiba
Diwaniya
Nasiriyh
Nukhaib
Habbaniya
As Suwan
Amman
Jerusalem
Ramleh
Lydda
Haifa
Damascus
Palmyra
Beirut
Tripoli
Latakia
Aleppo
Deir el Zor
Homs
Hama
Nicosia
Limassol
Paphos
Adana
Mersin
Iskenderun
Antakya
Gaziantep
Kilis
Aleppo
Tarsus
Konya
Eskisehir
Ankara
Kayseri
Sivas
Erzurum
Van
Astara
Kirovo
Baku
Derbent
Makhach-kala
Grozny
Sukhumi
Batumi
Trebizon
Sinop
Zonguldak
Istanbul
Izmit
Canakkale
Balikesir
Izmir
Bodrum
Rhodes
Antalya
Alexandroupolis
Salonika
Larissa
Athens
Patras
Zante
Corfu
Brindisi
Foggia
Naples
Paola
Messina
Palermo
Trapani
Catania
Malta
Tunis
Bizerta
Tabarka
Kairouan
Gafsa
Gabes
Zuara
Tripoli
Nalut
Misurata
Sirte
Benghazi
Derna
Tobruk
Mersa Matruh
Sidi Barrani
El Adem
Sollum
Marada
Kufra
Sibha
Fort Polignac
Ouenat
Tazerbo
Dakhla
Kharga
Nag Hammadi
Luxor
Qena
Hurghada
Wadi Halfa
Salima
Merga
Abu Hamad
Karima
Atbara
Shendi
Khartoum
Kassala
Asmara
Massaua
Port Sudan
Tokar
Jedda
Mecca
Medina
Yanbo
Rabigh
Aden
Hail
Geneina
Zalingei
Nyala
El Fasher
El Nahud
El Obeid
Kosti
Wad Medani
El Dueim
Gedaref
Gallabat
Roseires
Kadugli
Kurmuk
Malakal
Nasser
Gambella
Akobo
Wau
Shambe
Rumbik
Juba
Kapoeta
Torit
Addis Ababa
Dessie
Asab
Djibouti
Aflou
Ghardaia
Touggourt
Biskra
Bone
Bizerta
Tunis
Cagliari
Palermo
Messina
Catania
Malta
Corsica
Sardinia
Sicily
Crete
Cyprus
Rhodes
Mediterranean Sea
Red Sea
Persian Gulf
Caspian Sea
Black Sea
Sea of Azov
Sea of Marmara
Aegean Sea
Ionian Sea
Tyrrhenian Sea
Gulf of Aden
Gulf of Suez
Gulf of Aqaba
Gulf of Oman
Arabian Sea
Indian Ocean
Persian Gulf
Hail
Qena
Luxor
Aswan
Wadi Halfa
Port Sudan
Massaua
Asmara
Kassala
Khartoum
Wad Medani
Gedaref
Gallabat
Roseires
Kosti
El Obeid
El Dueim
Kurmuk
Malakal
Nasser
Gambella
Akobo
Juba
Kapoeta
Torit
Addis Ababa
Dessie
Djibouti
Asab
Massaua
Kamaran
Port Sudan
Tokar
Jedda
Mecca
Medina
Yanbo
Rabigh
Aden
Hail
Qena
Luxor
Hurghada
Nag Hammadi
Dakhla
Kharga
Kufra
Tazerbo
Ouenat
Sibha
Marada
Sirte
Misurata
Nalut
Tripoli
Benghazi
Derna
Tobruk
Sidi Barrani
El Adem
Sollum
Mersa Matruh
Fort Polignac
Ghardaia
Aflou
Biskra
Bone
Tunis
Bizerta
Tabarka
Kairouan
Gafsa
Gabes
Zuara
Touggourt
Cagliari
Palermo
Messina
Catania
Malta
Corsica
Sardinia
Sicily
Crete
Cyprus
Rhodes
Mediterranean Sea
Red Sea
Persian Gulf
Caspian Sea
Black Sea
Sea of Azov
Sea of Marmara
Aegean Sea
Ionian Sea
Tyrrhenian Sea
Gulf of Aden
Gulf of Suez
Gulf of Aqaba
Gulf of Oman
Arabian Sea
Indian Ocean
Persian Gulf
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CAIRO
Time of Sunrise 02 57 G. M. T.
" " Sunset 16 47 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: Wednesday 25th May, 1949

At 1200 on Tuesday 24th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM	360	10	7	02	2	8	Ac	13.8	21	74	16
	62303	SÎDI BARÂNI	40	9	50	02	8		Sc, Cu	14.8	21	83	18
	62306	MATRÛH											
	62309	EL DABA	40	11							22	83	19
		ALEXANDRIA	40	11	50	02	2	8	St	12.8	22	74	17
	62318	FOUAD (Airport)	20	13	14	02	2	7	Ac	12.8	23	65	16
	62330	DAMIETTA	360	5	15	02	1	7	Ac	12.8	25	47	13
	62333	PORT SA'ID	360	17	30	02	0	1	Ac	13.2	25	58	16
	62336	EL 'ARISH	20	13	35	01	0	1	Cc	12.6	25	54	15
Lower Egypt	62339	DAMANHUR	40	13	15	03	1	7	As	13.4	27	52	16
	62342	MANSURA	20	9	35	03	2	6	Sc, Cu	12.8	29	29	9
	62348	TANTA	360	8	35	03	2	8	Ac	13.5	30	31	11
	62354	ZAGAZIG	40	9	7	02	2	6	As	12.8	31	38	15
	62441	ISMAÎLIA	20	9	7	02	2	8	As	9.7	30	21	5
Cairo Area	62366	FAROUK (Airport)											
	62372	ALMAZA											
		EZBEKIYA	40	4	15	00	0	8	As	11.5	30	31	11
		GIZA	40	4	15	00	0	8	As	11.6	30	29	10
	62378	HELWÂN	360	16	7	06	3	8	Ac	10.7	31	28	10
Upper Egypt	62381	FAIYUM	360	12	3	08	3	8	Ac	10.3	33	24	10
	62387	MINYA	10	18	12	01	2	3	Ci	7.9	39	17	10
	62393	ASYUT MANGABAD	320	15	18	03	0	3	Ac, Cc	4.9	42	13	8
	62399	NAG' HAMMADI	140	1	7	00	0	0	—	4.7	42	22	16
	62402	QENA	70	2	50	00	0	0	—	1.6	44	12	8
	62405	LUXOR	20	2	30	00	0	1	Ci	3.8	46	8	4
	62414	ASWÂN	70	5	50	01	1	3	Ci	3.5	46	4	-5
Oases	62417	SÎWA	90	12	35	60	5	8	Sc	13.4	24	69	18
	62420	BAHARIYA	90	4	35	02	2	7	Ac	9.5	34	22	9
	62423	FARAFRA	70	13	2	10	3		Ac	7.9	36	29	15
	62432	DAKHLA	340	16	50	00	0	0	—		43	13	9
	62435	KHARGA	180	2	35	00	0	0	—	4.0	44	18	14
Red Sea	62450	SUEZ	360	13	0.8	09	3	6	As	9.0	34	39	18
	62459	TÛR											
	62462	HURGHADA	320	4		00	0	0	—	8.6	29	66	22
	62465	QUSEIR	20	9	15	02	0	0	—	8.6	32	56	22
	62641	PORT SUDAN											
North Sudan	62600	WÂDI HALFA											
	62640	ABU HAMAD											
	62660	KAREIMA											
	62680	'ATBARA											
	62721	KHARTUM											
	62730	KASSALA											
Central Sudan	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID											
	62760	EL FÂSHER											
	62770	GENEINA											
S. Sudan	62840	MALAKÂL											
	62880	WÂU											
	62941	JUBA											

At 1800 on Tuesday 24th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALUM	40	5	7	01	2	6	Ac	13.6	19	83	16	0
SÎDI BARÂNI	40	10	35	02	5	8	Sc, Cu	13.5	17	95	17	dr
MATRÛH												
EL DABA	40	10		01	1	5	Cu		21	83	18	0
ALEXANDRIA	90	5	3	02	2	8	St	14.7	20	83	17	0
FOUAD (Airport)	360	4	14	02	2	7	Ac, Cc	13.5	21	69	15	0
DAMIETTA	340	5		03	2	8	As	13.4	22	74	17	0
PORT SA'ID	20	11	15	01	2	5	Ac, Ci	13.3	22	74	17	0
EL 'ARISH												
DAMANHUR	40	9	15	03	2	8	As	13.4	22	74	17	0
MANSURA	40	5	3	03	2	6	Sc, Cu	13.0	23	61	15	0
TANTA	90	5	35	03	8	6	As	13.0	24	47	12	dr
ZAGAZIG	40	5	3	02	2	6	As	12.8	23	74	18	0
ISMAÎLIA	20	9	3	01	1	3	As	11.9	23	65	16	0
FAROUK (Airport)												
ALMAZA	30	18	13	50	5	8	As	11.6	25	51	14	dr
EZBEKIYA	360	9	7	20	5	6	As	12.0	24	47	12	dr
GIZA	360	9	7	20	5	6	As	12.3	24	41	10	dr
HELWÂN	360	23	7	06	3	6	Ac	10.7	27	20	2	0
FAIYUM	360	12	3	02	3	8	Ac	9.3	29	23	6	0
MINYA	30	13	8	03	2	8	Cs	7.3	31	31	12	0
ASYUT MANGABAD												
NAG' HAMMADI	00	0	3	02	0	4	Ac	2.2	32	34	14	0
QENA	110	5	7	00	0	0	—	1.6	36	17	7	0
LUXOR	270	16	12	00	1	1	Sc	2.4	40	7	-2	0
ASWÂN	00	0	50	00	0	0	—	2.2	41	8	0	0
SÎWA	00	0	35	80	8	8	Sc	12.0	22	65	15	dr
BAHARIYA	360	5	15	02	2	5	Ac	9.5	30	25	8	0
FARAFRA	360	37	0.3	09	3	6	Ac	8.0	30	35	13	0
DAKHLA	320	17	35	00	0	0	—	3.5	38	9	0	0
KHARGA	00	0	15	00	0	0	—	2.4	38	23	14	0
SUEZ	00	0	15	01	0	0	—	9.6	27	37	11	0
TÛR												
HURGHADA	240	11		00	0	0	—	6.8	29	62	21	0
QUSEIR	330	9	15	02	0	0	—	6.6	29	66	22	0
PORT SUDAN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Wednesday 25th May

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temp. Dry Bulb	Temp. Maximum Yesterday	Temp. Maximum Diff. from normal	Temp. Minimum Today	Temp. Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	40	2	7	03	0	3	Ac	14.3		21	22		14		74	16	0		
SÎDI BARÂNI	20	2	50	01	1	1	Cu	15.1		20	22		14		86	18	dr	276	
MATRÛH	30	5	12	02	0	5	Sc	14.4		21			18		74	16	0		
EL DABA	360	10		01	1	4	Cu			23			18		78	16	0		
ALEXANDRIA											25	-2						267	185
FOUAD (Airport)	20	16	18	02	0	4	Sc, Ci	13.4		23	26		18		64	17	0.2	465	138
DAMIETTA	340	9		03	2	7	Ac	13.1	+0.2	22	26		17		68	19	0	319	105
PORT SA'ID	30	15	18	01	2	7	Ac	12.6		23	26		21		84	20	0	72	
EL 'ARISH	140	2	15	20	5	8	Cb	11.9	-1.2	23			19	+3	74	18	dr		93
DAMANHUR	40	13	7	03	1	4	Ac	13.4	-0.1	22	28	-3	19	+3	62	15	dr	102	101
MANSURA	360	13	35	02	1	7	Ac	12.8	-0.3	24	30	-2	20	+3	69	18	0	44	54
TANTA	360	8	35	02	8	6	As	13.3	-0.2	24	30	-3	18	+2	64	18	dr	34	43
ZAGAZIG	320	5	7	02	2	6	As	12.8	-0.5	23	32	-1	21	+5	83	20	0	21	27
ISMAÎLIA	340	2	3	02	2	6	As	12.2		24	33		21		69	18	0	14	
FAROUK (Airport)																			
ALMAZA	310	6	14	02	1	8	As	12.0	-0.9	23			20		74	16	dr		
EZBEKIYA	320	9	15	00	0	8	As	12.6	-0.3	22	34	0	21	+3	74	17	dr	6	26
GIZA	320	9	15	00	0	8	As	12.6	-0.3	21	34?	+1	21	+6	69	16	dr	16	26
HELWÂN	320	13	15	03	2	8	As	11.4	-1.3	25	37?	+4	21	+3	42	11	0	16	29
FAIYUM	330	4	35	02	5	8	Fs, Fc	11.8	-0.9	25	36	+1	22	+4	47	13	dr	6	8
MINYA	30	10	10	02	2	6	As	10.7		24	40		24		54	14	0	5	
ASYUT MANGABAD	340	9	30	00	0	4	As	9.5		33	43		25		24	10	0	dr	
NAG' HAMMADI	40	9	3	02	2	6	Ac	8.7	-1.7	31	44		25		31	12	0	0	
QENA	320	5	35	03	1	3	Ci	5.9	-4.3	32	45	+6	28	+7	28	11	0	dr	
LUXOR	20	13	30	03	0	3	Sc	5.7		36	47		26		18	8	0	dr	
ASWÂN	90	6	50	00	0	0	—	4.4	-5.9	36	47	+7	29	+5	27	14	0	2	
SÎWA	00	0	35	00	0	0	—	14.2	+0.1	22	25	-10	16	-1	74	17	dr	1	8
BAHARIYA	360	8	35	02	5	8	Ac	12.0	-1.2	23	35	0	22	+4	50	12	dr	dr	7
FARAFRA	40	8	15	02	2	6	Ac	10.4		28	37		24		27	7	0		
DAKHLA	320	12	15	03	2	8	Sc, Ac	8.8	-3.0	27	45	+7	26	+5	13	-4	0	dr	
KHARGA	20	10	7	09	2	8	Ac	8.7	-2.0	32	45	+6	28	+6	28	11	0	0	
SUEZ	00	0	15	00	0	8	As	10.6	-1.7	27	38	+5	22	+3	52	16	0	12	17
TÛR																		dr	13
HURGHADA	240	22		02	0	5	Ac	7.8		30	32		24		38	14	0	7	
QUSEIR	360	13	15	02	0	0	—	7.0	-3.0	29	33	+1	27	+3	66	22	0	0	4
PORT SUDAN	350	9	30	00	0	0	—	3.1		37	43		25		18	9	0	35	97
WÂDI HALFA	160	13	4	05	0	0	—	4.0		34	46		27		20	8	0	14	
ABU HAMAD	180	1	30	01	1	1	Ci	2.9		33	45				32	14	0		
KAREIMA	200	3	8	00	0	0	—	3.1		34	46		27		25	11	0	5	2
'ATBARA	260	5	7	05	1	0	—	3.1		34	45		27		29	13	0	7	6
KHARTUM	180	5	50	00	0	0	—	5.9		29	42		25		52	18	dr	13	7
KASSALA	200	9	30	00	0	0	—	6.5		31	42		27		49	19	0	44	21
WÂD MEDANI	180	5	50	00	0	0	—	5.9		29	42		25		52	18	dr	71	23
RENK																			81
ROSEIRES	210	19	35	02	1	2	Ac			25	37		24		70	19	0	27	100
EL OBEID	200	11	30	01	2	5	Ac	9.2		26	38		22		62	18	20	83	31
EL FÂSHER	240	2	30	96	1	8				23	36		22		69	17	dr	17	13
GENEINA	00	0	00	02	1	7	Ac			22	38		21		88	20	3		23
MALAKÂL																	60	246	180
WÂU	170	5	30	02	1		Ac	10.0		25	36		23		79	21	0	327	338
JUBA																	3	33[illegible]	430

HUMIDITY % Mean of day

Station	on 24th	Diff. from normal
Alexandria	71	+6
Ezbekiya	44	-7
Giza	39	-11
Helwân	25	-13

GIZA GRASS MINIMUM TEMP. ON 24th 18.9 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. feet	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — On ..... At ..... AIRPORT

Pressure mbs.	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on Tuesday 24th

Station	Foad A.P.		Port Said		Minya																					
Time	15		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	30	12	40	19	10	15																				
600	50	10	40	19	10	13																				
1000	320	6	130	5	20	14																				
1500	300	20	230	15	20	14																				
2000	260	27	260	18	20	16																				
3000	230	34	320	2																						
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on Wed. 25th May,

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arish		Helwân		Minya		Asyut Mangabad		Luxor		Aswân		Hurghada		Farouk	
Time	5		4		4		4				6 45		3 30		7		7		5		4		3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	50	3	80	7	20	24	60	7			330	16	350	18	330	21	360	14	60	6	330	30	60	6
600	140	8	350	5	10	13	60	5			320	17	360	17	360	11	360	23	110	14	320	24	330	12
1000	200	11	350	5	300	19	100	3			320	13	360	12	350	10	360	16	120	16	340	11	290	17
1500	190	10			360	14					300	7	40	4	300	21	10	13	130	22	320	17	260	18
2000	210	11			330	4					220	12	20	10	320	18					320	10	240	19
3000											230	23?			280	5							220	35
4000											240	42?												
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	4 45		5		5		4		4				4 15		6 45		4		4		4 [illegible]		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	70	15	30	10	330	18	20	31	70	5							160	7						
600	70	10	40	17	320	20							90	5	270	20	200	14					190	10
1000	20	19	10	21	320	27			230	29			230	7	270	34	220	16	260	4	40	11	180	16
1500	20	12	350	5	320	30			130	22			160	5	310	12	260	12	310	40	150	4	220	11
2000	260	16	240	10									90	5									310	7
3000	240	21							110	21													40	14
4000	250	31																						
5000																								
6000																								
7000																								
8000																								

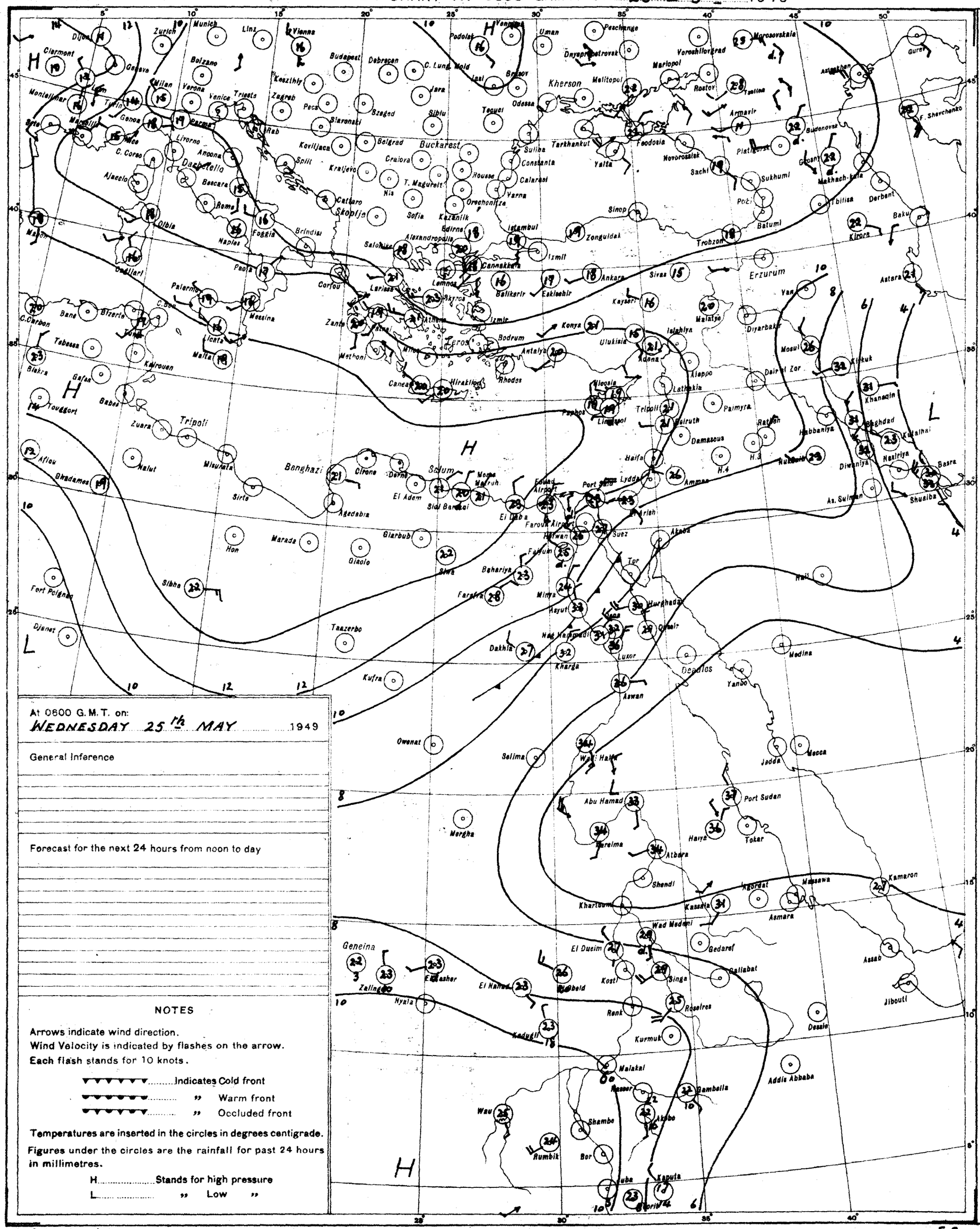
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 25 – 5 – 1949


Dijon
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Sivas
Ankara
Eskisehir
Balikesir
Kayseri
Malatya
Diyarbakir
Mosul
Kirkuk
Khanaqin
Baghdad
Kut al Hai
Nasiriya
Basra
Shuaiba
Diwaniya
Hubbaniya
Nukhaila
Ar. Sulman
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Lydda
Port Said
Haifa
Beirut
Damascus
Palmyra
Rayak
Tripoli
Latakia
Aleppo
Adana
Ulukisla
Konya
Antalya
Bodrum
Rhodes
Nicosia
Limassol
Paphos
Hiraklion
Canea
Athens
Lemnos
Skyros
Larissa
Salonika
Alexandropolis
Canakkale
Corfou
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Zante
Patras
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Paola
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Licata
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Bizerte
Bone
Tebessa
Biskra
Gafsa
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Babes
Zuara
Tripoli
Nalut
Misurata
Sirte
Benghazi
Cirene
Derna
Agedabia
El Adem
Sidi Barrani
Marsa Matruh
Solum
Fouad Airport
El Daba
Farouk Airport
Port Fuad
Arish
Suez
Helwan
Fayum
Beharia
Farafra
Siwa
Minya
Asyut
Kena
Hurghada
Qena
Qusair
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Nag Hammadi
Aswan
Deadlos
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Gedaref
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Agordat
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Malakal
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El Fasher
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Voroshilovgrad
Morosovskaia
Peschange
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Kamaron
Assab
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Dessie
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Gedaref
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CAIRO

Time of Sunrise 02 56 G. M. T.

" " Sunset 16 48 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: Thursday 26th May, 1949

At 1200 on Wed. 25th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM											
	62303	SÎDI BARÂNI											
	62306	MATRÛH	80	4	13	00	0	0	—	14.5	22	65	15
	62309	EL DABÂ	360	10		01	1	4	Cu		24	69	18
		ALEXANDRIA	360	10	50	00	0	0	—	13.9	22	74	17
	62318	FOUAD (Airport)	10	14	30	02	0	1	Ci	13.6	24	65	17
	62330	DAMIETTA	20	5	15	01	1	3	Ac	12.6	24	69	18
	62333	PORT SA'ÎD	60	12	30	02	2	5	Ci	13.1	24	69	18
	62336	EL 'ARISH	20	5	35	02	2	8	Cb	13.1	23	83	20
Lower Egypt	62339	DAMANHUR	40	13	15	01	1	1	Ac	13.6	27	42	13
	62342	MANSURA	360	9	35	00	1	0	—	12.8	29	40	14
	62348	TANTA	360	13	35	01	2	5	Cu	13.1	30	40	15
	62354	ZAGAZIG	40	5	7	02	2	8	As	12.7	29	52	18
	62441	ISMA'ÎLÎA	20	5	3	02	2	8	As	12.2	28	45	15
Cairo Area	62366	FAROUK (Airport)	20	10	30	02	1	5	Ci	11.6	30	35	13
	62372	ALMÂZA	20	11	30	02	2	8	Ac,Ci	11.4	31	41	16
		EZBEKÎYA	320	4	35	00	0	5	Cs	11.2	31	42	16
		GÎZA	320	4	35	00	0	5	Cs	11.8	30	39	15
	62378	HELWÂN	340	7	35	02	2	7	As,Ac	11.1	31	31	12
Upper Egypt	62381	FAIYÛM	330	2	35	02	5	8	Fs,Fc	11.2	30	40	15
	62387	MINYA	20	22	12	01	1	4	Ci	8.7	32	34	14
	62393	ASYÛT MANQABÂD	360	3	30	01	2	7	Ci,Cs	8.2	34	23	10
	62399	NAG' HAMMÂDI	360	7	7	01	1	4	Ci	5.8	38	23	13
	62402	QENA	320	5	50	02	1	3	Ci	5.5	41	17	11
	62405	LUXOR	360	15	30	03	1	3	Cs	4.6	41	12	6
	62414	ASWÂN	340	3	50	00	0	0	—	2.4	42	22	16
Oases	62417	SÎWA	40	5	35	00	0	0	—	14.4	32	38	16
	62420	BAHARÎYA	360	4	35	01	2	4	Ac	10.3	33	30	13
	62423	FARAFRA	20	9	15	03	2	6	Ac	10.2	36	20	10
	62432	DAKHLA	340	5	35	02	2	6	Sc,Cu,Ac	7.2	38	13	5
	62435	KHARGA	360	3	15	01	1	4	Ac	7.0	38	24	14
Red Sea	62450	SUEZ	00	0	15	02	2	8	As	10.4	29	46	16
	62459	TÔR											
	62462	HURGHÂDA	270	16		01	1	4	Ac	7.5	30	62	22
	62465	QUSEIR	360	9	15	02	0	0	—	6.8	32	56	22
	62641	PORT SUDÂN	30	21	7	07	1	7	Cs	1.5	37	37	20
North Sudan	62600	WÂDI HALFA											
	62640	ABU HAMAD	200	21	30	03	1	4	Cu	98.9	45	12	9
	62660	KAREIMA	270	3	2	05	0	0	—	99.9	45	14	11
	62680	'ATBARA	250	2	10	05	0	2	Cu	98.4	44	11	7
	62721	KHARTÛM	290	10	2	06	3	9		99.8	41	16	10
	62730	KASSALA											
Central Sudan	62751	WÂD MEDANI	230	5	35	02	1	7	Ci	1.8	39	20	12
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	260	6	30	01	1	3	Cu	3.3	35	30	15
	62760	EL FÂSHER	150	5	30	02	8	7	Sc		28	58	19
	62770	GENEINA											
S. Sudan	62840	MALAKÂL	50	1	50	01	6	7	Sc,Ac		26	74	21
	62880	WÂU	150	4	30	02	1	7	Cu,Sc	6.4	32	43	18
	62941	JUBA	240	5	30	15	6	7	Cu,Ci	7.8	27	70	21

At 1800 on Wed. 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	40	2	7	02	0	0	—	14.7	20	83	17	0
SÎDI BARÂNI	70	3	35	03	0	1	As	15.1	19	88	17	0
MATRÛH												
EL DABÂ	360	10		00	0	0	—		18?	88	16	0
ALEXANDRIA	40	9	3	00	0	0	—	14.3	21	83	18	0
FOUAD (Airport)	40	17	18	02	0	0	—	13.9	20	78	16	0
DAMIETTA	360	5		00	0	1	Cu	13.6	26	48	14	0
PORT SA'ÎD	40	15	15	03	0	3	Sc,Ci	13.3	22	78	18	0
EL 'ARISH	40	9	35	01	0	2	Cb	13.6	21	83	18	0
DAMANHUR	40	13	15	02	0	0	—	14.0	21	74	16	0
MANSURA	20	5	3	00	0	0	—	13.6	21	83	18	0
TANTA	360	2	35	02	1	0	—	13.1	23	44	10	0
ZAGAZIG	40	5	3	00	1	0	—	13.1	22	53	19	0
ISMA'ÎLÎA	20	9	3	01	0	0	—	13.1	20	83	17	0
FAROUK (Airport)												
ALMÂZA												
EZBEKÎYA	20	4	15	00	0	0	—	12.2	24	53	14	0
GÎZA	20	4	15	00	0	0	—	12.8	24	58	15	0
HELWÂN	20	24	35	01	1	5	Cc	10.7	25	47	13	0
FAIYÛM	20	2	35	01	5	6	Fs,Fc	10.3	28	45	15	dr
MINYA	00	0	8	02	1	5	Ci	8.9	27	52	16	0
ASYÛT MANQABÂD												
NAG' HAMMÂDI	00	0	3	02	2	6		5.9	31	43	17	0
QENA	240	5	7	02	1	3	Ci	6.3	34	27	12	0
LUXOR	360	6	12	01	1	2	Ci	5.6	36	19	9	0
ASWÂN	360	10	50	00	0	0	—	3.8	39	17	10	0
SÎWA	00	0	7	00	0	0	—	13.3	27	33	9	0
BAHARÎYA	360	4	15	02	1	0	—	10.2	29	40	14	0
FARAFRA	360	4	7	01	1	2	Cu	9.8	29	35	12	0
DAKHLA	320	6	35	02	0	4	Fs,Fc	8.2	35	23	11	0
KHARGA	00	0	15	00	0	0	—	7.0	33	34	15	0
SUEZ	00	0	15	01	0	0	—	11.0	24	69	18	0
TÔR												
HURGHÂDA	330	7		00	0	0	—	6.9	26	70	20	0
QUSEIR	330	13	15	00	0	3	Ac	6.7	29	70	23	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Thursday 26th May

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	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	1	7	02	0	0	—	15.1		24	25		15		38	9	0		
SÎDI BARÂNI	230	16?	50	01	0	0	—	16.2		21	22		13		74	16	0	278	
MATRÛH	360	2	18	00	0	0	—	15.1		21			12		61	13	0		
EL DABÂ	360	10		00	0	0	—			19			12		64	12	0		
ALEXANDRIA	40	5	50	00	0	0	—	15.2	+1.5	21	24	-3	18	-1	65	14	0	267	185
FOUAD (Airport)	20	7	14	02	0	1	Cu,Ci	14.9		22	24		13		74	17	0	265	138
DAMIETTA	340	2		03	1	4	Ac,Cs	14.2	+1.3	21	26		15		83	18	0	319	105
PORT SA'ÎD	20	11	15	01	1	4	Ci	14.1		22	25		20		65	15	0	72	
EL 'ARISH	360	5	35	03	2	7	Cu	13.3	+0.3	21	26	-2	18	+2	83	18	0		93
DAMANHUR	40	9	15	01	0	0	—	15.8	+2.3	22	28	-3	15	-2	74	17	0	102	101
MANSURA	220	5	35	01	0	4	Ac	14.6	+1.5	22	30	-2	16	-1	65	15	0	49	54
TANTA	360	5	35	01	1	5	Cu	15.0	+1.5	22	30	-3	13	-3	65	15	0	34	43
ZAGAZIG	40	5	7	02	1	3	Ci	14.2	+1.0	22	30	-3	17	+1	74	17	0	21	27
ISMA'ÎLÎA	20	2	3	00	2	6	Sc	13.9		23	28		17		61	15	0	14	
FAROUK (Airport)	20	10	12	03	1	6	Sc,Ci	13.7		21			17		74	16	0		
ALMÂZA	40	10	13	03	0	6	St,Ac	13.9	+1.0	20	32		17		69	14	0		
EZBEKÎYA	230	6	15	03	0	2	Cu,Ci	13.9	+1.0	21	31	-3	17	-1	71	15	0	8	26
GÎZA	230	6	15	03	0	2	Cu,Ci	14.3	+1.5	21	31	-2	17	+1	74	16	0	16	26
HELWÂN	360	13	15	00	2	6	St,Ci	13.8	+1.1	21	33	0	18	-1	65	14	0	16	29
FAIYÛM	20	12	35	03	2	7	St	13.8	+1.1	22	32	-3	18	0	65	15	dr	8	8
MINYA	20	19	12	00	0	2	Ci	12.1		23	33		20		61	15	0	5	
ASYÛT MANQABÂD	340	9	30	00	0	2	Ac	11.2		25	37		22		51	14	0	dr	
NAG' HAMMÂDI	270	5	3	01	1	5	Ac,Ci	8.2	-2.1	29	39		23		46	16	0	0	
QENA	220	5	35	00	0	0	—	7.6	-2.6	30	42	+3	26	+4	35	13	0	dr.	
LUXOR	00	0	30	00	0	0	—	7.5		32	42		25		26	10	0	dr	
ASWÂN	360	8	50	00	0	0	—	7.0	-3.2	33	44	+4	27	+2	32	14	0	2	
SÎWA	00	0	35	00	0	0	—	15.8	+1.7	22	33	-2	14	-3	57	13	0	1	8
BAHARÎYA	360	6	35	02	1	3	Ac	13.9	+0.7	21	34	-1	18	0	65	14	0	dr	7
FARAFRA	360	6	15	02	1	4	Ac	13.3		24	36		20		61	16	0		
DAKHLA	20	3	35	00	0	2	St	10.2	-1.6	29	38	-1	27	+6	35	12	0	dr.	
KHARGA	20	3	35	01	0	4	Cc	9.3	-1.4	29	39	0	26	+4	40	14	0	0	
SUEZ	360	13	15	00	0	7	Ac	12.4	+0.2	21	31	-2	19	-1	74	16	0	12	17
TÔR																		dr.	13
HURGHÂDA	270	20		03	0	4	Ac	7.9		26	32		26		70	20	0	7	
QUSEIR	360	13	15	02	0	0	—	7.0	-3.0	29	37	+1	26	+2	69	20	0	0	4
PORT SUDÂN	290	5	30	00	0	0	—	5.0		35	41		25		33	16	0	35	97
WÂDI HALFA	10	16	10	00	6	0	—	5.3		33	44		26		23	9	0	14	
ABU HAMAD	00	0	4	05	1	0	—	2.3		35	46		28		27	13?	0		
KAREIMA	00	0	05	44	4	1	Ac	2.6		34	46		30		22	9?	0	5	2
'ATBARA	230	9	7	05	1	2	Ac	4.8		33	46		30		32	14	0	7	6
KHARTÛM	150	20	10	01	1	5	Cs	6.4		29	42		25		52	18	dr	13	7
KASSALA	180	9	30	00	0	0	—	6.0		29	40		26		49	17	0	44	21
WÂD MEDANI																		71	23
RENK	230	5	50	01	1	6	Cu			28	33		22		70	22	0		83
ROSEIRES	270	9	35	01	1		Ac			25	35		23		84	22	13	40	102
EL OBEID	220	11	30	01	1	4	Ac	7.5		26	36		23		62	18	0	83	32
EL FÂSHER	40	2		05	1					26	33		24		55	16	1	18	14
GENEINA	50	3	30	01	1	8	As			25	33		23		70	19	0		24
MALAKÂL	200	11	50	03	7	6	Ac,Ci	10.3		27	28		21		70	21	dr.	246	183
WÂU	00	0	30	02	1	7	Ac	9.8		26	34		25		70	20	dr.	327	343
JUBA	200	5	30	01	2	2	Ac,Ci	10.8		25	30		22		83	22	dr	332	435

HUMIDITY % Mean of day

Station	on 25th	Diff. from normal
Alexandria	81	+10
Ezbekîya	62	+11
Gîza	61	+11
Helwân	41	+3

GÎZA GRASS MINIMUM TEMP. ON 26th 15.4 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. feet	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — On ..... At ..... AIRPORT

Pressure mbs.	Height above M.S.L. feet	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. feet	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. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on Wed. 25th May

Height m.	Fouad Dir.	Fouad Vel.	Minya Dir.	Minya Vel.			P. Said Dir.	P. Said Vel.																		
Time	15		15				14																			
300	70	14	350	16			20	23																		
600	20	10	340	16			30	10																		
1000	20	10	340	18			30	10																		
1500	300	6	340	17			310	13																		
2000	320	15	340	16			260	12																		
3000	290	20					240	22																		
4000	290	20					270	14																		
5000	260	20					270	15																		
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on Thur. 26th May

Station	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Farouk Dir.	Farouk Vel.
Time	5		3 45		4		4				6 45		3		8		5		5		9		3	
300	180	15			70	6	20	13			20	6	350		350	13	30	2	360	14	340	38		
600	290	3	350	8	40	9	20	16			20	10	360		350	18	330	4	10	19	330	35	50	20
1000	320	8	350	10	50	10	20	16			30	17	360		350	16	360	11	10	16	290	12	40	20
1500	350	5	340	15	10	8	340	14			340	11	350	10			300	12	20	22	260	5	330	6
2000	340	13			310	14	300	4			280	10	310	12			290	10	350	6			230	10
3000	340	9			30	6					230	10	260	12			200	20					270	17
4000	310	11									240	22					310	24						
5000																							240	30
6000																							240	39
7000																								
8000																								

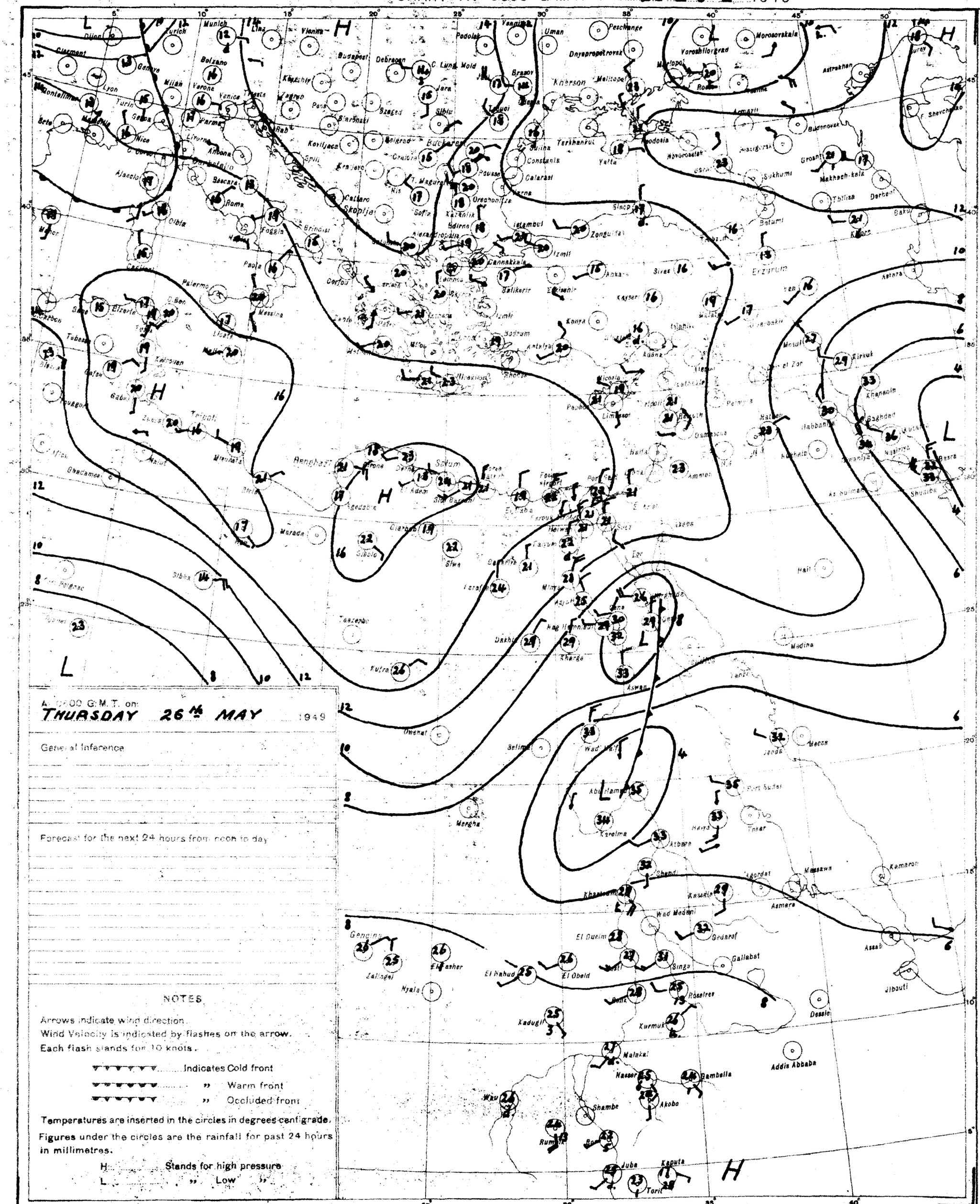
Station	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time	4 45		5		5		4		4										3 45					
300	90	16	40	18	40	15	10	21	10	14														
600	60	19	30	19	50	16	20	26																
1000	10	16	360	27	40	18	20	23											230	21				
1500	340	17	340	23	40	22	340	17											250	17				
2000	330	18																	280	4				
3000	320	26																	180	4				
4000	320	12																						
5000	260	21																						
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 26 – 5 – 1949


Munich
Vienna
Budapest
Bucharest
Sofia
Istanbul
Ankara
Erzurum
Tbilisi
Baku
Rostov
Kharkov
Odessa
Sevastopol
Kiev
Moscow
Tripoli
Benghazi
Cairo
Khartoum
Asmara
Addis Ababa
Nairobi
Kampala
Dar es Salaam
Aden
Jeddah
Madina
Mecca
Port Sudan
Tabriz
Baghdad
Basra
Kirkuk
Aswan
Wadi Halfa
Kassala
Gedaref
Wad Medani
El Obeid
El Fasher
Nyala
Zalingei
Kadugli
Malakal
Juba
Kapoeta
Torit
Gambella
Akobo
Jibouti
Dessie
Asseb
Massawa
Kamaran
Aden
Mogadishu
Kisumu
Mombasa
Tanga
Zanzibar
Dar es Salaam
Lindi
Beira
Tete
Salisbury
Bulawayo
Pretoria
Durban
Cape Town
Port Elizabeth
Windhoek
Walvis Bay
Luanda
Lusaka
Ndola
Kitwe
Mbeya
Tabora
Mwanza
Kampala
Entebbe
Nairobi
Addis Ababa
Asmara
Khartoum
Wadi Halfa
Aswan
Cairo
Alexandria
Tripoli
Benghazi
Tobruk
Sidi Barrani
Marsa Matruh
Alexandria
Cairo
Port Said
Suez
Ismailia
Tanta
Mansura
Zagazig
Helwan
Fayoum
Minya
Asyut
Kharga
Dakhla
Kufra
Siwa
Sollum
Tobruk
Benghazi
Tripoli
Gabes
Sfax
Sousse
Tunis
Bizerte
Algiers
Oran
Tangier
Casablanca
Rabat
Fez
Marrakech
Agadir
Dakar
Bathurst
Freetown
Monrovia
Abidjan
Accra
Lagos
Kano
Maiduguri
Fort Lamy
Abeche
Bangui
Libreville
Brazzaville
Leopoldville
Elisabethville
Lusaka
Ndola
Kitwe
Salisbury
Bulawayo
Beira
Tete
Lourenco Marques
Durban
Pretoria
Cape Town
Port Elizabeth
Windhoek
Walvis Bay
Luanda
Lisbon
Madrid
Barcelona
Marseille
Nice
Genoa
Milan
Turin
Rome
Naples
Palermo
Cagliari
Malta
Corfu
Athens
Salonika
Sofia
Belgrade
Budapest
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Zurich
Paris
London
Dublin
Reykjavik
Oslo
Stockholm
Helsinki
Moscow
Leningrad
Murmansk
Archangel
Kiev
Odessa
Sevastopol
Rostov
Kharkov
Kuybyshev
Tashkent
Alma Ata
Omsk
Novosibirsk
Irkutsk
Yakutsk
Vladivostok
Khabarovsk
Tokyo
Osaka
Shanghai
Hong Kong
Manila
Bangkok
Calcutta
Bombay
Karachi
Lahore
Delhi
Kabul
Tehran
Baghdad
Basra
Aden
Jeddah
Madina
Mecca
Port Sudan

CAIRO

Time of Sunrise 02 56 G. M. T.

" " Sunset 16 48 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: FRIDAY 27th MAY, 1949

At 1200 on THURS. 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	360	15	7	02	0	0	—	14.7	24	38	9
	62303	SÎDI BARÂNI											
	62306	MATRÛH	30	5	18	00	0	0	—	15.3	24	47	12
	62309	EL DABA	360	11		00	0	0	—		24	54	14
		ALEXANDRIA	360	12	50	00	0	0	—	14.7	23	65	16
	62318	FOUAD (Airport)	320	10	18	03	0	1	Ac	14.8	24	61	16
	62330	DAMIETTA	20	2	15	01	0	1	Cs	13.8	24	69	18
	62333	PORT SA'ID	10	8	30	03	0	2	Ci	14.1	24	61	16
	62336	EL 'ARISH	360	13	35	01	1	4	Cu	13.1	23	65	16
Lower Egypt	62339	DAMANHUR	360	13	15	02	1	1	Cu	13.7	26	48	14
	62342	MANSURA	320	9	35	01	1	3	Ac	13.6	29	35	12
	62348	TANTA	40	8	35	02	1	0	—	13.0	29	35	12
	62354	ZAGAZIG	40	5	15	02	1	2	Ci	12.3	29	46	16
	62441	ISMAÎLIA	20	1	7	01	1	5	As	12.8	27	33	9
Cairo Area	62360	FAROUK (Airport)	20	10	14	03	2	5	Ci	13.0	29	35	12
	62372	ALMÂZA	30		30	03	2	5	Ac	12.2	29	35	12
		EZBEKÎYA	20	5	36	00	0	2	Ci	12.4	29	29	9
		GÎZA	20	5	35	00	0	2	Ci	12.7	29	26	8
	62378	HELWÂN	20	10	35	03	2	6	Cu	12.0	29	23	6
Upper Egypt	62381	FAIYÛM	20	8	35	02	2	7	St	11.9	30	25	8
	62387	MINYA	20	16	12	03	1	6	Ci	11.2	31	31	12
	62393	ASYÛT MANQABAD	320	13	30	03	1	8	Ac	10.3	32	22	8
	62399	NAG' HAMMÂDI	320	5	7	01	1	5	Ac	6.2	37	22	12
	62402	QENA	220	9	50	03	1	4	Ac	6.4	41	14	8
	62405	LUXOR	340	18	10	02	1	2	Sc	5.6	40	16	10
	62414	ASWÂN	360	14	50	00	0	0	—	4.6	40	19	12
Oases	62417	SÎWA	00	0	35	00	0	0	—	15.5	32	49	20
	62420	BAHARÎYA	360	4	35	02	1	3	Ac	12.2	31	12	-1
	62426	FARAFRA	360	6	35	02	1	3	Ac	12.7	32	24	9
	62432	DAKHLA	360	12	35	03	2	8	Fc/Fc/As	9.9	33	21	8
	62435	KHARGA	360	8	15	03	1	7	As	9.0	33	30	13
Red Sea	62450	SUEZ	360	11	35	01	0	5	Ac	11.1	28	45	15
	62459	TÛR											
	62462	HURGHÂDA	260	19		03	1	4	As	7.7	28	70	22
	62465	QUSEIR	360	13	15	02	0	0	—	6.7	30	66	23
	62641	PORT SÛDÂN	70	13	30	00	0	1	Cu	2.3	37	27	15
North Sudan	62600	WÂDI HALFA	20	20	7	07	0	0	—	2.2	43	9	4
	62640	ABU HAMAD	270	3	30	03	0	3	Cu	99.1	45	10	6
	62660	KAREIMA	250	4	2	05	4	0	—	99.5	41	16	13
	62680	ATBARA	200	2	10	05	0	0	—	1000.7	42	19	14
	62721	KHARTÛM	110	16	10	02	0	3	Ci	2.0	39	23	14
	62730	KASSALA	50	2	30	00	0	0	—	0.3	40	24	16
Central Sudan	62751	WÂD MEDANI	230	9	35	02	0	0	Ci	3.0	37	27	15
	62801	RENK	230	9	50	01	1	4	Ci		32	41	17
	62802	ROSEIRES	270	9	35	00	0	0	—		32	43	18
	62771	EL OBEID											
	62760	EL FASHER	160	5	2	05	1	0	—		36	22	11
	62770	GENEINA	90	10	2	06	0	0	—		33	26	11
S. Sudan	62840	MALAKÂL	00	0	30	01	6	5	Cu/Ac	8.1	30	55	20
	62880	WÂU	130	10	30	01	1	3	Cu	5.4	34	41	19
	62941	JUBA	180	5	30	03	1	3	Cb	6.3	33	47	20

At 1800 on THURS. 26th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms.
SALÛM	40	4	7	02	0	0	—	15.0	20	83	17	0
SÎDI BARÂNI	70	5		02	0	0	—	15.8	20	88	18	0
MATRÛH												
EL DABA	360	9		00	0	0	—		23	50	12	0
ALEXANDRIA	00	0	3	00	0	0	—	14.8	21	74	16	0
FOUAD (Airport)	330	6	12	00	0	0	—	14.7	19	94	18	0
DAMIETTA	330	2		00	0	0	—	14.2	21	83	18	0
PORT SA'ID	10	8	14	01	0	0	—	14.1	21	78	17	0
EL 'ARISH	360	5	35	01	1	4	Cu	13.5	21	74	16	0
DAMANHUR	40	9	15	02	0	0	—	15.4	21	74	16	0
MANSURA	360	9	3	00	1	0	—	15.1	21	65	14	0
TANTA	00	0	35	02	0	0	—	15.9	22	53	13	0
ZAGAZIG	40	5	3	00	1	0	—	14.4	22	65	15	0
ISMAÎLIA	20	2	3	01	1	3	As	14.4	22	57	13	0
FAROUK (Airport)												
ALMÂZA	20	16	12	01	1	1	Ci	13.4	25	47	13	0
EZBEKÎYA	360	4	15	00	0	0	—	13.8	24	48	12	0
GÎZA	360	4	15	00	0	0	—	13.9	25	44	12	0
HELWÂN	20	16	35	01	0	0	—	13.4	25	42	11	0
FAIYÛM	20	2	35	01	1	4	St	13.1	27	33	9	0
MINYA	00	0	10	01	1	4	Ci	11.7	25	42	11	0
ASYÛT MANQABAD												
NAG' HAMMÂDI	270	3	3	02	2	6	Ac, Cu	8.8	29	29	9	0
QENA	290	9	7	02	1	4	Ac	8.3	32	24	9	0
LUXOR	340	8	12	00	1	0	—	7.7	32	22	8	0
ASWÂN	360	11	50	00	0	0	—	6.0	36	17	7	0
SÎWA	00	9	07	00	0	0	—	14.8	27	55	17	0
BAHARÎYA	360	5	15	02	1	0	—	13.1	26	25	4	0
FARAFRA	360	3	15	02	1	3	As	13.4	25	28	5	0
DAKHLA	40	6	35	00	0	0	—	10.8	31	22	7	0
KHARGA	360	1	15	00	0	0	—	10.3	30	25	8	0
SUEZ	360	6	15	01	0	2	As	12.3	24	54	14	0
TÛR												
HURGHÂDA	250	24		03	2	8	Ac	7.6	28	58	19	0
QUSEIR	330	9	15	02	0	0	—	7.5	28	70	22	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on 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.	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	90	3	7	02	0	0	—	16.4		23	27				61	15	0		
SÎDI BARÂNI	200	3		02	0	0	—	16.6		23	24		13		53	13	1	279	
MATRÛH	00	0	12	00	0	0	—	16.9		22			12		61	14	0		
EL DABA	320	10		00	0	0	—	16.2		22			13		65	15	0		
ALEXANDRIA	270	6	50	00	0	0	—	16.2	+2.5	22	24	-3	18	-1	74	17	0	267	185
FOUAD (Airport)	270	4	15	00	0	0	—	15.5		23	25		16		65	16	0	265	138
DAMIETTA	290	2		02	0	0	—	14.8	+2.0	24	24		15		69	18	0	319	105
PORT SA'ID	360	2	15	01	0	1	Sc	15.1		23	25		20		65	16	0	72	
EL 'ARISH	320	5	35	02	1	3	Cu	14.2	+1.2	23	24	-4	15	-1	74	18	0		93
DAMANHUR	40	9	7	02	0	0	—	16.5	+3.1	22	27	-4	16	-1	65	15	0	102	101
MANSURA	360	2	35	00	0	0	—	15.4	+2.4	24	30	-3	16	-1	69	18	0	49	54
TANTA	00	0	35	02	0	0	—	16.0	+2.5	23	29	-4	13	-3	65	16	0	34	43
ZAGAZIG	320	2	7	00	0	0	—	14.7	+1.5	22	30	-3	16	0	83	19	0	21	27
ISMAÎLIA	70	2	7	02	1	4	Ac	15.0		23	28		17		65	16	0	14	
FAROUK (Airport)	360	6	12	02	2	8	St	15.3		20			16		78	16	0		
ALMÂZA	40	4	10	03	0	8	Sc	15.2	+2.4	20	31		19		83	17	0		
EZBEKÎYA	320	5	15	00	0	0	—	15.5	+2.7	20	30		17	-1	72	15	0	8	26
GÎZA	320	5	15	00	0	0	—	15.6	+2.8	22	30		15	-1	66	15	0	16	26
HELWÂN	360	5	15	00	0	0	—	15.1	+2.4	21	31	-2	16	-3	74	16	0	16	29
FAIYÛM	360	8	35	02	0	0	—	15.4	+2.8	21	31	-4	17	-1	74	16	0	8	8
MINYA	20	15	10	00	0	0	—	14.5		22	33		16		57	13	0	5	
ASYÛT MANQABAD	340	4	30	00	0	0	—	13.6		24			18		36	8	0	do.	
NAG' HAMMÂDI	270	3	7	00	0	4	Ac	11.0	+0.7	26	38		21		42	12	0	0	
QENA	290	9	35	02	1	4	Ac	10.0	-0.1	29	42	+3	23	+1	23	6	0	do.	
LUXOR	330	10	30	02	2	5	Ac	10.4		29	41		24		23	6	0	do.	
ASWÂN	360	12	50	00	0	0	—	9.6	-0.6	29	42	+2	26	+1	29	9	0	2	
SÎWA	00	0	35	00	0	0	—	16.2	+2.2	24	33	-3	15	-2	61	16	0	1	8
BAHARÎYA	360	3	35	02	0	0	—	15.2	+2.0	23	32	-3	16	-2	44	10	0	do.	7
FARAFRA	00	0	35	02	0	0	—	15.8		24	33		15		47	12	0		
DAKHLA	320	6	35	00	0	0	—	13.3	+1.5	27	34	-5	22	+1	33	9	0	do.	
KHARGA	340	6	35	00	0	0	—	12.8	+2.2	25	35	-4	22	0	42	11	0	0	
SUEZ	360	5	35	00	0	0	—	15.5	+3.3	22	29	-4	17	-3	65	15	0	12	17
TÛR																		do.	13
HURGHÂDA	250	17		03	0	3	Ac	10.2		26	29		21		48	14	0	7	
QUSEIR	360	19	15	00	2	6	Ac	9.3	-0.6	28	31	-1	26	+1	52	17	0	0	4
PORT SÛDÂN	340	16	10	01	1	4	Ac	6.1		37	41		27		27	15	0	35	97
WÂDI HALFA	10	16	10	01	1	3	Ac	8.9		31	44		27		16	2	0	14	
ABU HAMAD	360	3	1	07	1	8	As			35	45		32		18	7	0		
KAREIMA	200	5	2	05	3	0	—	8.4		34	44		28		32	15	do.	5	2
ATBARA	290	5	30	02	6	8	Cs	6.4		34	42		30		29	13	do.	7	6
KHARTÛM	230	14	4	03	1	8	Ac	7.5		29	40		25		43	15	0	13	7
KASSALA	180	9	30	01	1	1	Cs	7.4		29	42		24		49	17	0	44	22
WÂD MEDANI	230	9	14	02	4	7										18	0	71	23
RENK	230	5	50	01	1	4	Cu			29	32		22		70	23	0		84
ROSEIRES	90	5	35	01	1	2	As			27	33		24		66	20	0	40	105
EL OBEID	300	13	30	00	0	0	—	8.7		28	36		26		62	20	0	83	32
EL FASHER	70	17	6	07	1	0	—			32	37		26		22?	8?	0	18	14
GENEINA	250	2	10	00	1	0	—			34	35		23		41	19	0		24
MALAKÂL	180	2	50	01	0	2	Ac	10.8		26	31		22		79	22	do.	246	186
WÂU	00	0	30	02	6	7	Sc/Ac	10.2		25	36		23		74	20	17	344	348
JUBA	180	9	30	03	1	3	Cu/Ac	10.9		26	33		23				0	332	440

HUMIDITY

Mean of day %

STATION	on 26th	Diff. from normal
Alexandria	71	0
Ezbekiya	57	+6
Giza	56	+6
Helwan	51	+13

GÎZA

GRASS MINIMUM TEMP.

ON 27th 12.6 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

Pressure mbs.	Height above M.S.L. feet	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

Pressure mbs.	Farouk Airport On 27th At 3 Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.	On At Airport Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.	On At Airport Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	121	16	82	70	5										
950															
900															
850	1492	10	50	10	21										
800															
700	3082	6		290	22										
600															
500	5754	-10		270	18										
400		-24													
300															

UPPER WIND OBSERVATIONS on 26th

Station	Fouad Dir.	Fouad Vel.	P. Said Dir.	P. Said Vel.	Minya Dir.	Minya Vel.
Time	14		14		15	
Height m.						
300	340	6	350	13	340	
600	350	17	340	9	340	
1000	350	18	350	10	350	
1500	350	20	290	13	340	
2000	350	16	280	9	350	
3000	340	16	300	10		
4000	270	21				
5000	270	23				
6000	250	23				
7000						
8000						

UPPER WIND OBSERVATIONS on 27th

Station	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Sa'id Dir.	Port Sa'id Vel.	El 'Arish Dir.	El 'Arish Vel.	Helwan Dir.	Helwan Vel.	Minya Dir.	Minya Vel.	Asyût Manqabad Dir.	Asyût Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Almaza Dir.	Almaza Vel.
Time	5		4		3		3						4		8		5 30				9		9 30	
Height m.																								
300	80	23	230	2	330	6	360	3					10		360	15	330	9			330	35	360	19
600	130	4	320	2	340	7	360	10					10		350	9	330	21			310	20	360	14
1000	210	2	330	3	320	10	360	12					10		360	21					310	30	10	17
1500					320	14	350	14					30		360	28					300	26	350	9
2000					300	12							20		320	10					260	15	350	18
3000					330	15									250	18							340	16
4000					300	22																		
5000					300	20																		
6000					300	26																		
7000																								
8000																								

Station	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time	4 45		5		6		4 30		4								4							
Height m.																								
300	140	19	60	4	360	12	10	22	10	16							140	5						
600	140	19	70	12	360	8	20	32	20	23							180	12						
1000	180	11	70	21	10	23	10	34	30	31							190	9						
1500	290	11	30	19	10	25	340	24	30	29							280	10						
2000	300	14					360	17																
3000	320	22							90	10							310	5						
4000	330	16																						
5000	300	15																						
6000	280	26																						
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

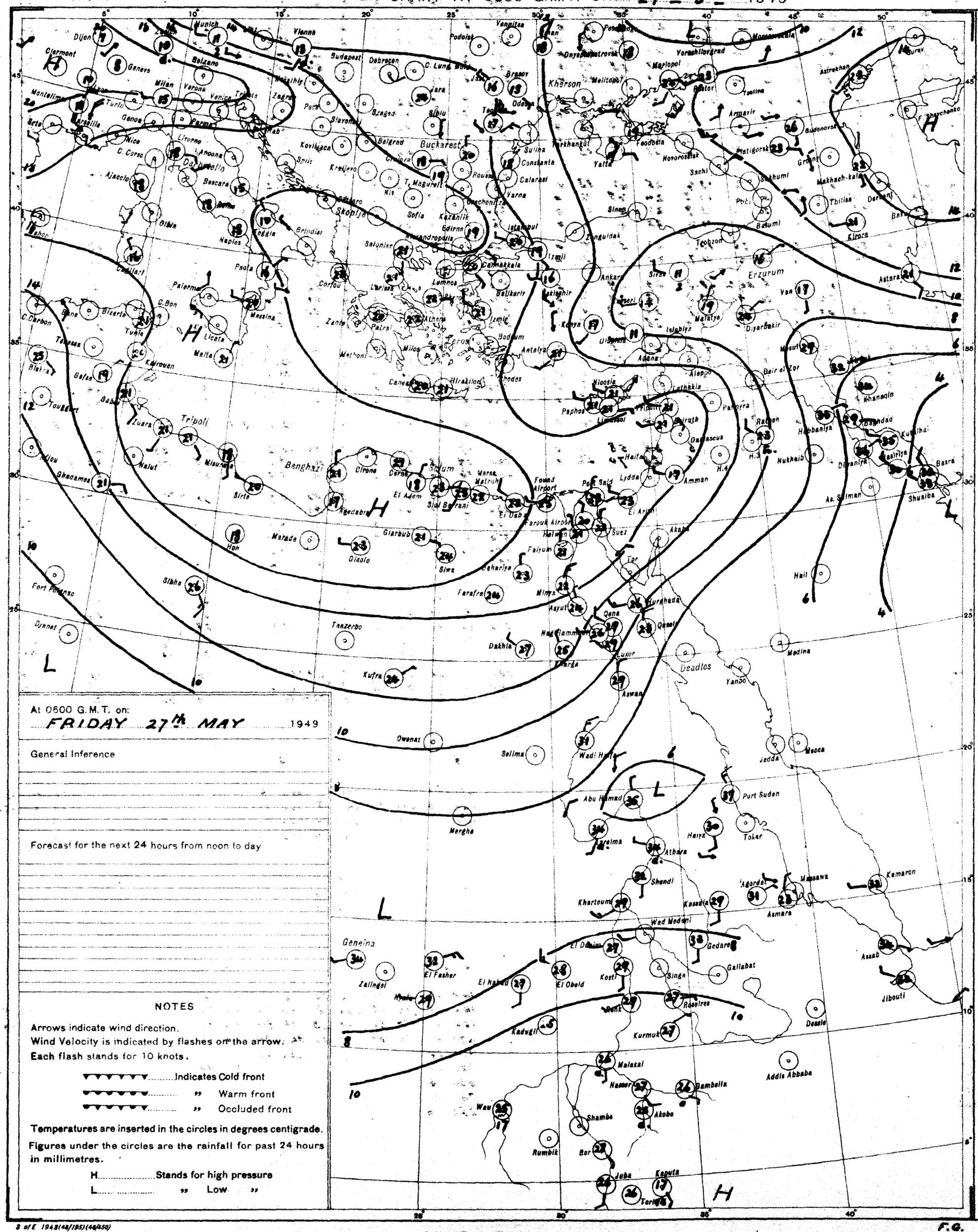
Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

F.G.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 27 – 5 – 1949


Dijon
Clermont
Munich
Vienna
Budapest
Debrecen
Brasov
Kherson
Mariopol
Voroshilovgrad
Rostov
Astrakhan
Genova
Milan
Venice
Trieste
Zagreb
Bolzano
Marseille
Nice
Livorno
Ancona
Bucharest
Constanta
Sulina
Tarkhankut
Yalta
Feodosia
Novorossiysk
Sochi
Batumi
Tbilisa
Kiroca
Erzurum
Van
Ankara
Istanbul
Izmir
Konya
Adana
Aleppo
Diyarbakir
Mosul
Tripoli
Benghazi
Tobruk
Malta
Palermo
Messina
Naples
Rome
Brindisi
Corfou
Athens
Rhodes
Nicosia
Paphos
Beirut
Damascus
Haifa
Lydda
Amman
Port Said
Suez
Cairo
Alexandria
Khartoum
Kassala
Asmara
Massawa
Port Sudan
Jedda
Mecca
Medina
Aden
Djibouti
Addis Abbaba
Dessie
Gallabat
Singa
Kosti
El Obeid
El Fasher
Geneina
Zalingei
Kadugli
Kurmuk
Malakal
Bambella
Akobo
Shambe
Rumbik
Juba
Kapoeta
Torit
Wau
Bor
Wad Medani
Gedaref
Asab
Kamaron
Tripoli
Misurata
Sirte
Benghazi
Tobruk
Malta
Tunis
Bizerte
Algiers
Oran
Tangier
Rabat
Casablanca
Dakar
Bathurst
Freetown
Monrovia
Accra
Lagos
Fort Lamy
Fort Archambault
Bangui
Stanleyville
Leopoldville
Elisabethville
Tananarive
Tamatave
Diego Suarez
Mombasa
Nairobi
Dar es Salaam
Lourenço Marques
Beira
Salisbury
Bulawayo
Pretoria
Johannesburg
Durban
Port Elizabeth
Cape Town
Windhoek
Walvis Bay
Luanda
Lobito
Mossamedes
Tananarive
Antananarivo
Tamatave
Diego Suarez
Mauritius
Port Louis
Seychelles
Mahe
Aden
Socotra
Hail
Basra
Baghdad
Khanaqin
Kut el Hai
Nukhaib
Hibbaniya
Diwaniya
Nasiriya
Shuaiba
As Sulman
Bahrein
Dhahran
Riyadh
Jiddah
Mecca
Medina
Port Sudan
Tokar
Kassala
Gedaref
Asmara
Massawa
Kamaron
Aden
Djibouti
Addis Abbaba
Dessie
Gallabat
Singa
Kosti
El Obeid
El Fasher
Geneina
Zalingei
Kadugli
Kurmuk
Malakal
Bambella
Akobo
Shambe
Rumbik
Bor
Juba
Kapoeta
Torit
Wau
Wad Medani
Gedaref
Asab
Djibouti
Dessie
Addis Abbaba
Mecca
Jedda
Port Sudan
Tokar
Haiya
Atbara
Shendi
Khartoum
Kassala
Asmara
Massawa
Kamaron
Aden

CAIRO

Time of Sunrise 02 55 G.M.T.

" " Sunset 16 49 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: Saturday 28th May, 1949

At 1200 on Fri. 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	12	7	02	0	0	—	15.5	23	61	15
	62305	SÎDI BARÂNI	360	7	50	02	0	0	—	16.4	23	74	18
	62306	MATRÛH	50	6		00	0	0	—	16.3	23	01	15
	62309	EL DABA	360	10		00	0	0	—		23	65	16
		ALEXANDRIA	360	9	3	00	0	0	—	16.1	24	69	18
	62318	FOUAD (Airport)	320	16	15	02	0	0	—	15.9	24	65	17
	62330	DAMIETTA	340	2	15	00	0	0	—	14.6	24	69	18
	62333	PORT SAÏD	10	14	30	03	0	1	Sc	14.9	23	74	18
	62336	EL 'ARISH											
Lower Egypt	62339	DAMANHUR	360	13	15	02	0	0	—	15.3	26	40	13
	62342	MANSURA	320	9	35	00	0	0	—	14.4	31	28	10
	62345	TANTA	40	8	35	02	0	0	—	14.6	31	38	15
	62354	ZAGAZIG	320	5	15	02	1	2	Ac	13.4	30	46	17
	62447	ISMAÏLIA	20	2	15	11	0	0	—	13.1	31	33	13
Cairo Area	62360	FAROUK (Airport)	340	10	30	03	0	1	Cu	13.9	30	33	12
	62372	ALMAZA	340	12	30	00	0	0	—	13.6	30	31	11
		EZBEKIYA	30	5	35	03	0	1	Cu	13.8	30	31	11
		GÎZA	30	5	35	03	0	1	Cu	13.9	31	24	8
	62378	HELWÂN	340	16	15	02	0	0	—	13.2	30	21	5
Upper Egypt	62381	FAIYÛM	360	8	35	02	0	0	—	13.1	31	22	7
	62387	MINYA	20	19	12	00	0	0	—	12.8	32	22	8
	62393	ASYÛT MANDARA	360	10	30	00	0	0	—	11.0	34	9	-4
	62396	NAG' HAMMÂDI	320	2	7	00	0	3	Ac	8.3	35	15	5
	62402	QENA	290	5	50	02	1	4		7.8	39	11	3
	62405	LUXOR	320	7	30	02	2	5	Ac	7.7	36	9	-2
	62414	ASWÂN	360	9	50	00	0	0	—	7.1	39	14	7
Oases	62417	SÎWA	00	0	35	00	0	0	—	15.6	35	53	24
	62420	BAHARÎYA	360	5	35	02	0	0	—	13.9	32	20	6
	62426	FARAFRA	90	2	35	02	0	0	—	14.2	33	32	14
	62432	DAKHLA	360	12	50	00	0	0	—	11.5	34	14	3
	62435	KHARGA	00	0	35	00	0	0	—	10.4	34	18	6
Red Sea	62450	SUEZ	360	10	35	02	0	0	—	13.0	27	37	11
	62456	TÛR											
	62462	HURGHÂDA	280	19		00	1	0	—	9.1	28	55	18
	62465	QUSEIR	360	19	15	01	1	4	Ci	9.1	30	52	19
	62560	PORT SÛDÂN	50	18	7	07	0	1	Cu	4.1	35	50	23
North Sudan	62600	WÂDI HALFA											
	62610	ABU HAMAD											
	62650	KAREIMA											
	62680	ATBARA											
	62721	KHARTUM	170	5	10	01	1	7	Ac	3.6	39	18	11
	62736	KASSALA											
Central Sudan	62751	WÂD MEDANI											
	62800	RENK											
	62802	ROSEIRES	310	5	15	02	1	8	St, As		34	41	19
	62771	EL OBEID	310	7	30	15	8	8	Cb, Ac	5.6	37	46	18
	62760	EL FÂSHER											
	62776	GENEINA	50	17	7	07	0	0	—		37	11	2
S. Sudan	62840	MALAKÂL											
	62850	WÂU	230	5	35	02	1	6	Cu	3.0	33	47	20
	62943	JUBA	160	5	30	03	1	6	St, Cu, As	5.5	33	50	21

At 1800 on Fri. 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	4	7	02	0	0	—	15.4	20	83	17	0
SÎDI BARÂNI	40	5	50	02	0	0	—	15.9	20	68	18	0
MATRÛH	70	1	13	00	0	0	—	15.4	20	73	15	0
EL DABA	360	7		00	0	0	—		22	74	17	0
ALEXANDRIA	40	5	3	00	0	0	—	15.8	20	83	17	0
FOUAD (Airport)	360	10	12	00	0	0	—	14.7	20	83	17	0
DAMIETTA	360	5		02	0	0	—	14.3	21	68	19	0
PORT SAÏD	360	13	18	02	0	1	Sc	14.0	22	74	17	0
EL 'ARISH	40	9	7	01	0	0	—	13.4	21	83	18	0
DAMANHUR	360	9	7	02	0	0	—	15.6	21	74	16	0
MANSURA	360	5	3	00	0	0	—	14.7	24	65	15	0
TANTA	00	0	35	02	0	0	—	14.5	21	57	12	0
ZAGAZIG	40	5	13	00	1	0	—	14.6	23	65	16	0
ISMAÏLIA	40	2	7	01	0	0	—	13.1	23	65	16	0
FAROUK (Airport)												
ALMAZA	360	5	15	00	0	0	—	13.9	25	42	11	0
EZBEKIYA	360	5	15	00	0	0	—	14.3	25	40	10	0
GÎZA	360	5	15	00	0	0	—	14.3	25	40	10	0
HELWÂN	360	18	15	02	0	0	—	13.5	25	34	6	0
FAIYÛM	360	5	35	02	0	0	—	12.4	27	27	6	0
MINYA	360	9	10	00	0	0	—	12.4	25	34	8	0
ASYÛT MANDARA												
NAG' HAMMÂDI	00	0	3?	00	0	0	—	7.6	28	27	7	0
QENA	290	5	7	02	1	4	Ac	8.0	32	15	2	0
LUXOR	00	0	12	00	1	0	—	7.4	32	15	2	0
ASWÂN	360	4	50	00	0	0	—	7.5	34	13	2	0
SÎWA	00	0	7	00	0	0	—	15.6	30	49	18	0
BAHARÎYA	360	5	15	02	0	0	—	13.6	27	27	6	0
FARAFRA	360	3	15	02	0	0	—	13.6	26	42	12	0
DAKHLA	320	3	35	00	0	0	—	11.9	31	9	-6	0
KHARGA	360	3	15	00	0	0	—	9.4	30	25	8	0
SUEZ	360	12	15	02	0	0	—	12.2	26	51	15	0
TÛR												
HURGHÂDA	350	25?		00	0	0	—	8.4	28	52	17	0
QUSEIR	330	9	15	02	0	0	—	8.8	27	62	19	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 28th May.

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	20	4	7	03	0	5	Ac	15.4		21	25		16		74	16	0		
SÎDI BARÂNI	340	2	50	03	2	6	Sc, Cu	14.8?		20	24		14		88	18	0	279	
MATRÛH	360	1	18	00	0	0	—	15.8		22	25		12		69	16	0		
EL DABA	360	8		00	0	0	—			22			14		69	16	0		
ALEXANDRIA	40	4	50	01	1		Sc, Ac	15.0	+1.3	21	25	-2	18	-1	83	18	0	267	165
FOUAD (Airport)	340	7	13	01	4	3	Sc	14.6		23	26		18		74	18	0	265	128
DAMIETTA	70	2		03	1	6	Fs, Fc	14.6	+1.9	23	26		15		74	18	0	319	105
PORT SAÏD	30	4	18	01	0	2	Sc	14.3		23	26		20		69	17	0	72	
EL 'ARISH	180	2	35	03	1	2	Cu	14.3	+1.4	23	24	-4	15	-1	65	16	0		43
DAMANHUR	20	5	7	02	1	1	Cu	15.2	+1.8	23	30	-1	16	-1	74	18	0	102	101
MANSURA	40	2	35	01	0	3	Ac	14.7	+1.7	24	31	-2	15	-2	69	18	0	49	54
TANTA	00	0	35	02	0	0	—	15.5	+2.1	23	31	-2	12	-4	74	18	0	34	43
ZAGAZIG	320	5	7	02	1	2	Ac	14.4	+1.3	23	33	0	16	0	83	20	0	21	27
ISMAÏLIA	40	2	3	00	1	3	Sc	14.4		23	31		18		65	16	0	14	
FAROUK (Airport)																			
ALMAZA	50	5	13	01	1	2	Sc	14.2	+1.4	21			17		74	16	0		
EZBEKIYA	360	5	15	00	0	0	—	14.3	+1.5	23	31	-3	18	0	65	16	0	8	26
GÎZA	360	5	15	00	0	0	—	14.3	+1.5	23	31	-3	15	-1	64	14	0	16	26
HELWÂN	20	8	15	00	0	0	—	14.1	+1.5	22	31	-2	16	-3	57	13	0	16	29
FAIYÛM	20	8	35	02	0	0	—	14.3	+1.7	23	32	-3	17	-1	61	15	0	8	8
MINYA	30	15	10	00	0	0	—	13.3		23	33		16		61	15	0	5	
ASYÛT MANDARA	360	4	30	00	0	0	—	12.3		25	35		19		42	11	0	dr	
NAG' HAMMÂDI	270	5	7	00	0	0	—	9.8	-0.4	27	37		19		37	11	0	0	
QENA	240	5	35	00	0	0	—	9.0	-1.0	26	40	+1	20	-2	37	10	0	dr	
LUXOR	360	12	30	00	0	0	—	9.3		28	38		21		22	4	0	dr	
ASWÂN	360	10	50	00	0	0	—	9.5	-0.6	28	39	-1	25	0	27	7	0	2	
SÎWA	90	6	35	00	0	0	—	15.1	+1.1	24	36	0	19	+2	69	18	0	1	8
BAHARÎYA	360	2	35	02	0	0	—	14.4	+1.2	24	33	-2	16	-2	38	9	0	dr	7
FARAFRA	00	0	35	02	0	0	—	14.2		26	34		17		30	7	0		
DAKHLA	270	3	35	00	0	0	—	12.2	+0.5	25	34	-5	21	0	28	5	0	dr	
KHARGA	260	1	35	00	0	0	—	9.5	-1.1	27	35	-4	22	0	42	13	0	0	
SUEZ	360	10	35	00	0	0	—	13.9	+1.8	22	30	-4	17	-3	47	10	0	12	17
TÛR																		dr	13
HURGHÂDA	270	19		00	0	0	—	10.0		24	28		18		61	16	0	7	
QUSEIR	360	19	15	00	1	3	Ac	9.0	-0.9	27	30	-2	25	0	55	17	0	0	4
PORT SÛDÂN	330	12	30	00	0	0	—	4.7		35	36		25		30	15	0	35	97
WÂDI HALFA	360	16	30	00	1	0	—	10.0		29	40		25		20	4	0	14	
ABU HAMAD	20	19	30	00	1	0	—			33	43		30		9	-4	0		
KAREIMA	360	16		00	0	0	—	6.7		32	42		26		10	-4	0	5	2
ATBARA	360	5	30	00	0	0	—	4.9		35	44		32		20	9	dr	8	6
KHARTUM	230	15	7	08	4	4	Ac	6.9		31	40		28		38	15	0	13	7
KASSALA	230	9	30	00	0	0	—	7.0		31	42		25		43	17	0	44	22
WÂD MEDANI	180	5	50	00	0	0	—	7.4		30	38		24		49	18	0	71	24
RENK	250	5	50	02	1	4	Ci			28	34		21		66	21	7		85
ROSEIRES	180	9	35	01	1	2	As				37		23			20	4	44	107
EL OBEID	200	12	30	02	1	5	Ac	8.9		27			24		55	17	dr	83	33
EL FÂSHER	60	18	7	05	0	6	Ci			31	39		28		11	-3	0	18	14
GENEINA	50	11		06	0	6	Cs			28	37		26		13	4	0		25
MALAKÂL	130	4	50	01	1	3	Ac	10.9		26	35		22		79	22	dr	246	189
WÂU																		344	353
JUBA			50	01							33		21			11	2	334	445

Temperatures

Station	°C	Diff. from normal
Alexandria	27th 77	+6
Ezbekiya	56	+5
Giza	50	0
Helwân	51	-13

GÎZA

GRASS MINIMUM TEMP. ON 28th 10.2 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

Press. mbs	Height above M.S.L. feet	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — On ... At ... AIRPORT

Press. mbs	Height above M.S.L. feet	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

On ... At ... AIRPORT

Press. mbs	Height above M.S.L. feet	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

On ... At ... AIRPORT

Press. mbs	Height above M.S.L. feet	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on Fri 27th

Height m.	Fouad A.P. Dir.	Vel.	Port Said Dir.	Vel.	Minya Dir.	Vel.	Matruh Dir.	Vel.
Time	15		15		15		15	
300	340	19	340	16	350	50	20	13
600	340	22	320	17	350	18	10	9
1000	330	17	300	14	350	50	330	9
1500	340	14	320	12	360	40	220	13
2000	340	13	320	11	360	31	290	19
3000	320	17	320	14			290	19
4000	300	24					300	15
5000	300	22						
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on Satur. 28th

Height m.	Sîdi Barâni Dir.	Vel.	Matrûh Dir.	Vel.	Fouad Airport Dir.	Vel.	Port Said Dir.	Vel.	El 'Arish Dir.	Vel.	Helwân Dir.	Vel.	Minya Dir.	Vel.	Asyût Mandara Dir.	Vel.	Luxor Dir.	Vel.	Aswân Dir.	Vel.	Hurghada Dir.	Vel.	Almaza Dir.	Vel.
Time	3		4		4		4		6		6 30		3		9		5 30				9		8 45	
300	350	2	300	3	350	9	30	7			50	8	360	21	340	16	320	10			340	23	70	20
600	100	2	330	3	360	12	20	5			20	11	360	22	340	21	320	8			320	16	30	14
1000	80	3	340	3	40	12					20	17	10	24	350	16	320	9			300	24	30	28
1500			320	15	40	13					10	23	10	30							330	11	360	27
2000											340	12									260	18	360	13
3000											360	9												
4000											330	11												
5000																								
6000																								
7000																								
8000																								

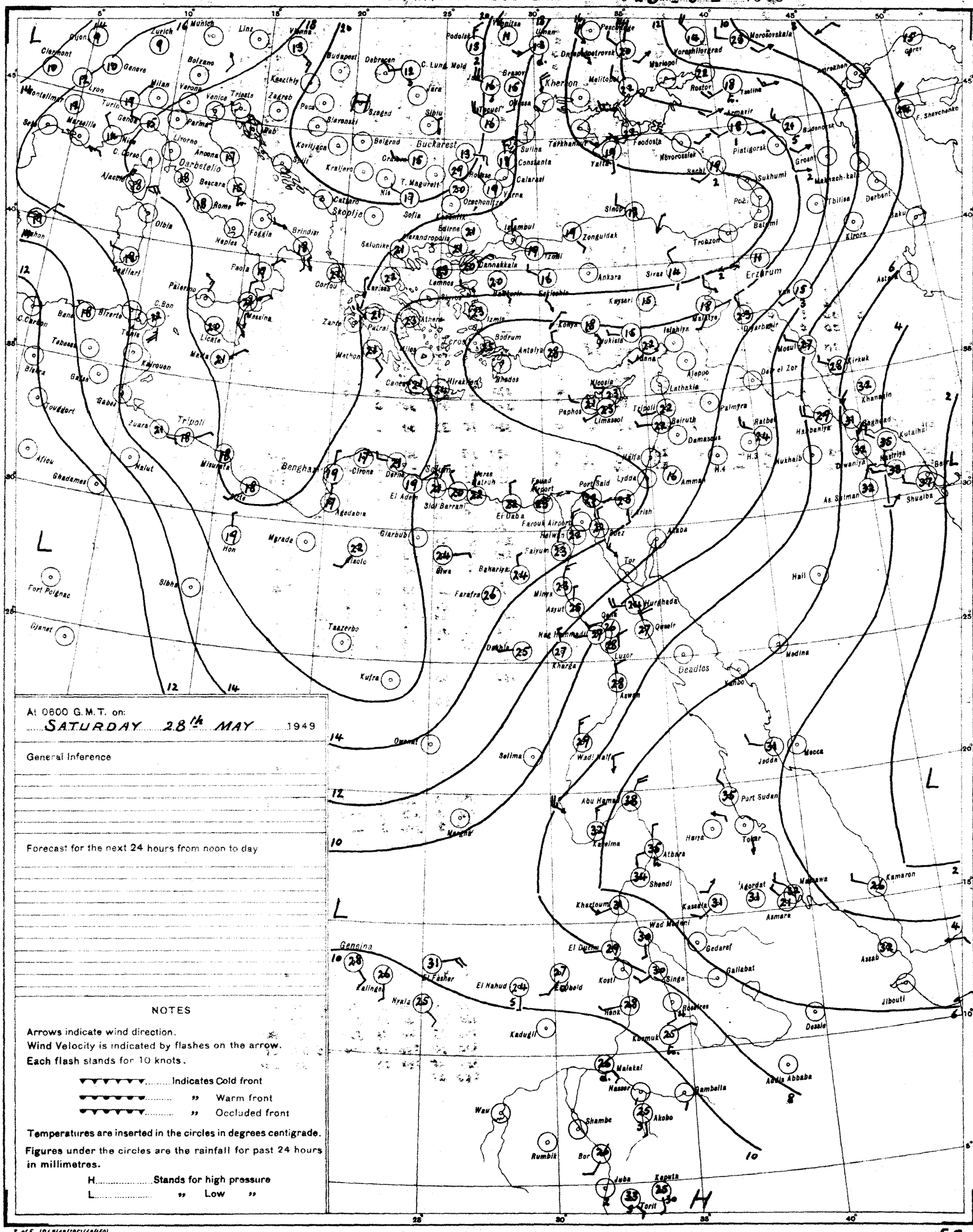
Height m.	Siwa Dir.	Vel.	Bahariya Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Wâdi Halfa Dir.	Vel.	Abu Hamad Dir.	Vel.	Kareima Dir.	Vel.	Khartûm Dir.	Vel.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fâsher Dir.	Vel.	Malakâl Dir.	Vel.
Time	4 45		5		5		4 30						4 15				4							
300	100	30	90	8	30	4	10	16																
600	130	30	70	13	30	13	20	25					10	27			190	13						
1000	150	13	40	21	350	19	360	30					40	15			190	11						
1500	320	10	340	17	260	28	300	31					50	6			210	12						
2000	320	20	340	28			330	30					50	6			220	13						
3000	280	37											130	10			360	5						
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (48/450).

Note: All times G. M. T.

Form No. 7F: SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 28 - 5 - 1949



At 0600 G.M.T. on:
SATURDAY 28th MAY 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ Indicates Cold front
▼▼▼▼▼▼ " Warm front
▼▼▼▼▼▼ " Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H Stands for high pressure
L " Low "

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	" or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	" " hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
" " hail		87
Rain / Hail	Thunderstorm during the past hour	91 / 93
Thunderstorm with rain		95
" " hail		96
" " Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

Cloudless	—	
Cirrus	Ci	1
Cirrostratus	Cs	2
Cirrocumulus	Cc	3
Altocumulus	Ac	4
Altostratus	As	5
Stratocumulus	Sc	6
Nimbostratus	Ns	7
Cumulus or Fractocumulus	Cu or Fc	8
Cumulonimbus	Cb	9
Stratus or Fractostratus	St or Fs	0

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th " " "	2
3/8 " " " "	3
4/8 " " " "	4
5/8 " " " "	5
6/8 " " " "	6
7/8 " " " "	7
Sky completely covered	8
" obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1948(48/195)(48/450)

SCALE 1:15,000,000

F.G.

CAIRO

Time of Sunrise 02 55 G. M. T.

" " Sunset 16 49 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: Sunday 29th May, 1949

At 1200 on Satur. 28th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
MEDITERRANEAN	62300	SALÛM	40	12	7	02	0	0	—	14.8	22	74	17
	62303	SÎDI BARÂNI	360	8	50	01	0	0	—	15.8	22	83	19
	62306	MATRÛH	10	4	18	00	0	0	—	14.4	23	61	15
	62309	EL DABÂ	320	10		00	0	0	—		24	83	21
		ALEXANDRIA	90	8	50	00	0	0	—	13.5	23	74	18
	62318	FOUAD (Airport)	360	10	18	00	0	0	—	13.9	24	65	17
	62330	DAMIETTA	20	2	15	00	0	0	—	12.8	25	61	17
	62333	PORT SA'ÎD	20	9	30	02	0	0	—	13.3	25	70	19
	62336	EL 'ARISH	320	5	35	01	0	0	—	14.0	23	74	18
LOWER EGYPT	62339	DAMANHUR	360	9	15	02	0	0	—	13.6	28	52	17
	62342	MANSURA	20	5	35	00	0	0	—	12.7	31	31	12
	62348	TANTA	360	8	35	02	0	0	—	13.3	31	38	15
	62354	ZAGAZIG	40	5	15	00	1	0	—	12.4	32	38	16
	62441	ISMAÎLIA	40	2	15	02	0	0	—	11.6	30	25	8
CAIRO AREA	62366	FAROUK (Airport)	20	12	18	00	0	0	—	11.3	31	29	11
	62372	ALMÂZA	10	12	18	00	0	0	—	10.8	31	38	15
		EZBEKÎYA	360	5	35	00	0	0	—	11.1	31	31	12
		GÎZA	360	5	35	00	0	0	—	11.8	31	26	10
	62378	HELWÂN	360	13	35	02	0	0	—	10.6	31	17	3
UPPER EGYPT	62381	FAIYÛM	20	8	35	02	0	0	—	11.0	32	20	6
	62387	MINYA	30	18	14	00	0	0	—	10.7	33	23	9
	62393	ASYÛT MANQABÂD	360	10	30	03	0	1	Cs	7.8	35	12	2
	62399	NAG' HAMMÂDI	320	2	7	00	0	2	Ac	6.3	37	14	6
	62402	QENA	240	5	50	00	0	0	—	6.3	38	16	8
	62405	LUXOR											
	62414	ASWÂN	340	10	50	00	0	0	—	6.0	37	16	7
OASES	62417	SÎWA	00	0	15	00	0	0	—	14.3	34	44	20
	62420	BAHARÎYA	360	6	35	02	0	1		11.8	33	16	4
	62423	FARAFRA	360	2	35	02	1	2	Ac	12.6	34	36	17
	62432	DAKHLA	340	5	50	00	0	0	—	7.2	34	18	6
	62435	KHARGA	20	2	35	00	0	0	—	9.1	34	22	9
RED SEA	62450	SUEZ	360	10	35	02	0	0	—	10.4	30	25	8
	62459	TÛR											
	62462	HURGHÂDA	280	11		00	0	0	—	8.0	27	55	17
	62465	QUSEIR	360	19	15	02	0	0	—	8.4	29	52	18
	62641	PORT SÛDÂN	70	12	30	02	0	1	Cu,Ac	4.1	34	50	22
NORTH SÛDÂN	62600	WÂDI HALFA	340	18	10	03	0	3	Ac	6.6	37	12	3
	62640	ABU HAMAD	20	9	30	02	2	8	Cs	1.1	43	7	0
	62660	KAREIMA	360	10	10	00	0	0	—	3.2	41	9	2
	62680	'ATBARA	230	5	7	05	0	1	Cu	1.1	43	10	5
	62721	KHARTÛM	270	8	4	05	4	0	—	3.3	40	17	11
	62780	KASSALA	270	2	30	03	0	3	Cu	2.2	39	28	17
CENTRAL SÛDÂN	62751	WÂD MEDANI											
	62801	RENK	230	9	50	00	1	2	Sc	6.2	35	42	20
	62802	ROSEIRES	270	9	35	01	1	3	Ac		36	35	18
	62771	EL OBEID	270	6	10	02	1	6	Cu,Ac	4.7	35	30	15
	62760	EL FÂSHER	90	9	4	05	1	2	Cu		34	36	17
	62770	GENEINA	90	4	2	06	0	1			35	13	3
S. SÛDÂN	62840	MALAKÂL	230	5	30	03	1	3	Cu	6.5	33	53	22
	62880	WÂU	130	10	30	17	1	8	Cu,Ac	5.5	33	47	20
	62941	JUBA	180	5	50	03	1	2	Cu,Ac	6.8	32	49	20

At 1800 on Satur. 28th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALÛM	320	2	7	03	0	2	Ac		20	63	17	0
SÎDI BARÂNI	360	4	50	03	1	6	Sc,Cu	14.4	20	86	18	0
MATRÛH												
EL DABÂ	320	6		00	0	0	—		23	83	20	0
ALEXANDRIA	20	6	3	00	0	0	—	12.7	21	83	18	0
FOUAD (Airport)	360	10	12	00	0	0	—	12.8	20	88	18	0
DAMIETTA	340	2		02	0	0	—	12.3	22	88	20	0
PORT SA'ÎD	360	11	15	02	0	0	—	11.8	22	78	18	0
EL 'ARISH	40	13	7	03	0	1	Cu	13.8	22	83	19	0
DAMANHUR	360	5	7	02	0	0	—	13.3	21	83	18	0
MANSURA	360	5	3	00	0	0	—	12.4	22	74	17	0
TANTA	00	0	35	00	0	0	—	13.3	23	61	15	0
ZAGAZIG	40	4	3	00	0	0	—	12.0	24	64	16	0
ISMAÎLIA	20	2	7	02	0	0	—	11.5	23	65	16	0
FAROUK (Airport)												
ALMÂZA												
EZBEKÎYA	40	4	15	00	0	0	—	11.4	26	48	14	0
GÎZA	40	4	15	00	0	0	—	11.8	26	42	12	0
HELWÂN	360	16	35	02	0	0	—	10.8	27	33	9	0
FAIYÛM	00	0	35	02	0	0	—	10.0	27	33	7	0
MINYA	360	10	10	01	0	1	Ac	9.7	26	37	10	0
ASYÛT MANQABÂD												
NAG' HAMMÂDI	270	3	3	01	1	3	Ac	5.4	30	25	8	0
QENA	290	5	7	01	0	2	Ac	6.3	33	12	0	0
LUXOR	320	7	12	02	2	3	Sc	5.5	34	10	-2	0
ASWÂN	00	0	50	00	0	0	—	5.4	34	13	2	0
SÎWA	00	0	7	00	0	0	—	11.9	30	33	12	0
BAHARÎYA	360	3	15	02	0	0	—	11.0	28	27	7	0
FARAFRA	360	1	15	02	0	0	—	10.3	28	40	13	0
DAKHLA	320	3	35	00	0	0	—	8.4	31	12	-1	0
KHARGA	00	0	15	00	0	0	—	8.8	28	27	7	0
SUEZ	360	11	15	02	0	0	—	9.1	27	37	11	0
TÛR												
HURGHÂDA	250	10		02	1	2	Sc,Cu	6.5	27	62	19	0
QUSEIR	360	9	15	02	0	0	—	7.1	27	55	17	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Sunday 29th May,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Temp. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
SALUM	220	2	7	00	0	1	Ac	13.8		22			15		74	17	0		
SÎDI BARÂNI											23							279	
MATRÛH	320	2	18	00	0	0	—	12.8		22			15		65	15	0		
EL DABÂ	310	10		00	0	0	—			22			16		65	15	0		
ALEXANDRIA	00	0	50	01	1	6	Cu	11.9	-1.8	21	25	-2	19	0	63	18	0	267	185
FOUAD (Airport)	360	9	18	01	1	3	Sc	11.8		23	25		16		69	17	0	265	138
DAMIETTA	20	2		02	0	0	—	11.6	-1.1	23	26		17		63	20	0	314	105
PORT SA'ÎD	40	4	18	01	0	1	Sc	11.3		24	27		21		69	18	0	72	
EL 'ARISH	360	3	35	02	0	1	Cu	11.9	-1.0	23	24	-4	19	+3	65	16	0		93
DAMANHUR	40	9	15	02	0	0	—	12.3	-1.0	23	29	-2	15	-2	74	18	0	102	101
MANSURA	20	5	35	00	0	0	—	11.8	-1.1	24	31	-2	18	+1	69	18	0	49	54
TANTA	310	2	35	02	0	0	—	11.7	-1.6	22	32	-1	13	-3	74	17	0	34	43
ZAGAZIG	40	5	7	02	1	3	Ac	11.1	-2.0	23	33	0	16	0	63	20	0	21	27
ISMAÎLIA	20	2	7	01	1	3	Sc	11.2		24	31		19		61	16	0	14	
FAROUK (Airport)	70	4	8	05	2	7	Sc	11.6		22			17		78	18	0		
ALMÂZA	20	4	10	02	1	5	Sc	11.2		23			18		74	18	0		
EZBEKÎYA	40	7	15	00	0	1	Ac	11.5	-1.3	22	32	-2	18	0	74	17	0	6	26
GÎZA	40	7	15	00	0	1	Ac	11.8	-0.9	21	32	-2	17	+1	78	17	0	16	26
HELWÂN	360	11	7	00	0	0	—	11.0	-1.6	22	32	-2	17	-2	65	15	0	16	29
FAIYÛM	330	5	35	02	0	0	—	10.6	-1.8	23	33	-2	16	0	65	16	0	6	8
MINYA	20	12	10	00	0	0	—	10.5		22	34		16		65	15	0	5	
ASYÛT MANQABÂD	320	3	30	00	0	0	—	10.1		24	36		20		44	11	0	dr	
NAG' HAMMÂDI	00	0	3	00	0	0	—	8.8	-1.3	26	36		20		48	14	0	0	
QENA	240	5	35	00	0	0	—	8.2	-1.8	26	41	+2	22	0	37	10	0	dr	
LUXOR	340	10	30	00	1	0	—	8.0		29	39		23		23	6	0	dr	
ASWÂN	360	9	50	00	0	0	—	7.9	-2.1	29	38	-2	25	0	29	9	0	2	
SÎWA	90	5	35	00	0	0	—	13.0	-1.0	24	35	-1	18	0	54	14	0	1	8
BAHARÎYA	90	4	35	02	0	0	—	11.9	-1.2	24	34	-1	18	0	54	14	0	dr	7
FARAFRA	220	2	35	02	0	0	—	11.4		25	35		19		51	14	0		
DAKHLA	00	0	35	00	0	0	—	9.6	-2.1	28	35	-4	19	-2	22	4	0	dr	
KHARGA	360	1	35	00	0	0	—	9.5	-1.0	27	35	-4	21	-1	42	13	0	0	
SUEZ	360	5	35	00	0	0	—	11.4	-0.7	23	32	-2	18	-2	65	16	0	12	17
TÛR																		dr	13
HURGHÂDA	270	23		02	0	1	Ac	6.8		24	28		24		61	16	0	7	
QUSEIR	360	13	15	00	1	3	As	7.0	-2.8	28	30	-2	24	-1	40	13	0	0	4
PORT SÛDÂN																	0	35	97
WÂDI HALFA																	0	14	
ABU HAMAD																			
KAREIMA																	0	5	2
'ATBARA																	0	8	6
KHARTÛM																	0	13	7
KASSALA																	0	44	23
WÂD MEDANI																	0	71	24
RENK																			87
ROSEIRES																	0	44	109
EL OBEID																	0	83	33
EL FÂSHER																	0	18	15
GENEINA																			26
MALAKÂL																	1	247	192
WÂU																	0	344	358
JUBA																	12	346	450

HUMIDITY

Mean of day

STATION	On 28th	Diff. from normal
Alexandria	81	+10
Ezbekîya	56	+5
Giza	51	+1
Helwân	43	+4

GÎZA GRASS MINIMUM TEMP. ON 29th 14.4 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. feet	Day °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — On ..... At ..... AIRPORT

Pressure mbs	Height above M.S.L. feet	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. feet	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. feet	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on Satur. 28th

Height m.	Foud A.P. Time 15 Dir.	Vel.	Dir.	Vel.	Port Said Time 14 Dir.	Vel.	Dir.	Vel.	Minya Time 15 Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	340	17			20	15			340	27																		
600	360	13			20	14			350	29																		
1000	10	12			40	12			350	27																		
1500	360	8			70	10			350	26																		
2000	40	9			30	14			360	9																		
3000	290	5			310	5																						
4000	230	7																										
5000	270	8																										
6000	220	19																										
7000	240	26																										
8000	210	22																										

UPPER WIND OBSERVATIONS on Sun. 29th

Height m.	Sîdi Barâni Time 5 Dir.	Vel.	Matrûh Time 4 Dir.	Vel.	Fouad Airport Time 3 Dir.	Vel.	Port Said Dir.	Vel.	El 'Arîsh Dir.	Vel.	Helwân Time 6 45 Dir.	Vel.	Minya Time 3 Dir.	Vel.	Asyût Manqabâd Time 8 30 Dir.	Vel.	Luxor Time 5 30 Dir.	Vel.	Aswân Time 5 Dir.	Vel.	Hurghada Time 10 Dir.	Vel.	Almaza Time 8 30 Dir.	Vel.
300	310	6	320	6	10	10					20	17	10		340	17	320	13	340	13	350	24	20	8
600	350	7	10	10	30	9					30	9	20		340	18	340	22	340	19	340	15	20	10
1000			20	12	350	7					60	13	360		330	23	330	30	340	25	330	21	40	10
1500			360	10	340	5					60	7	330		340	30	320	24	360	17	280	23	10	7
2000			330	8	300	3							330		320	26			320	19	230	24	10	9
3000			340	11	250	6															240	17	60	14
4000			10	11	200	17																	200	16
5000					180	18																	220	23
6000					230	13																	220	24
7000					240	14																	190	24
8000																								

Station	Sîwa Time 4 45 Dir.	Vel.	Bahariya Time 5 Dir.	Vel.	Dakhla Time 5 Dir.	Vel.	Kharga Time 4 30 Dir.	Vel.	Wâdi Halfa Dir.	Vel.	Abû Hamad Dir.	Vel.	Kareima Dir.	Vel.	Khartûm Dir.	Vel.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fâsher Dir.	Vel.	Malakâl Dir.	Vel.
300	90	17	70	11	350	1	360	14																
600	90	17	20	15	30	4	20	18																
1000	40	16	10	14	20	11	10	22																
1500	90	4	320	12	330	25	350	22																
2000	270	11	320	23	330	35	330	30																
3000	280	20																						
4000	290	27																						
5000	310	25																						
6000	310	16																						
7000	320	11																						
8000																								

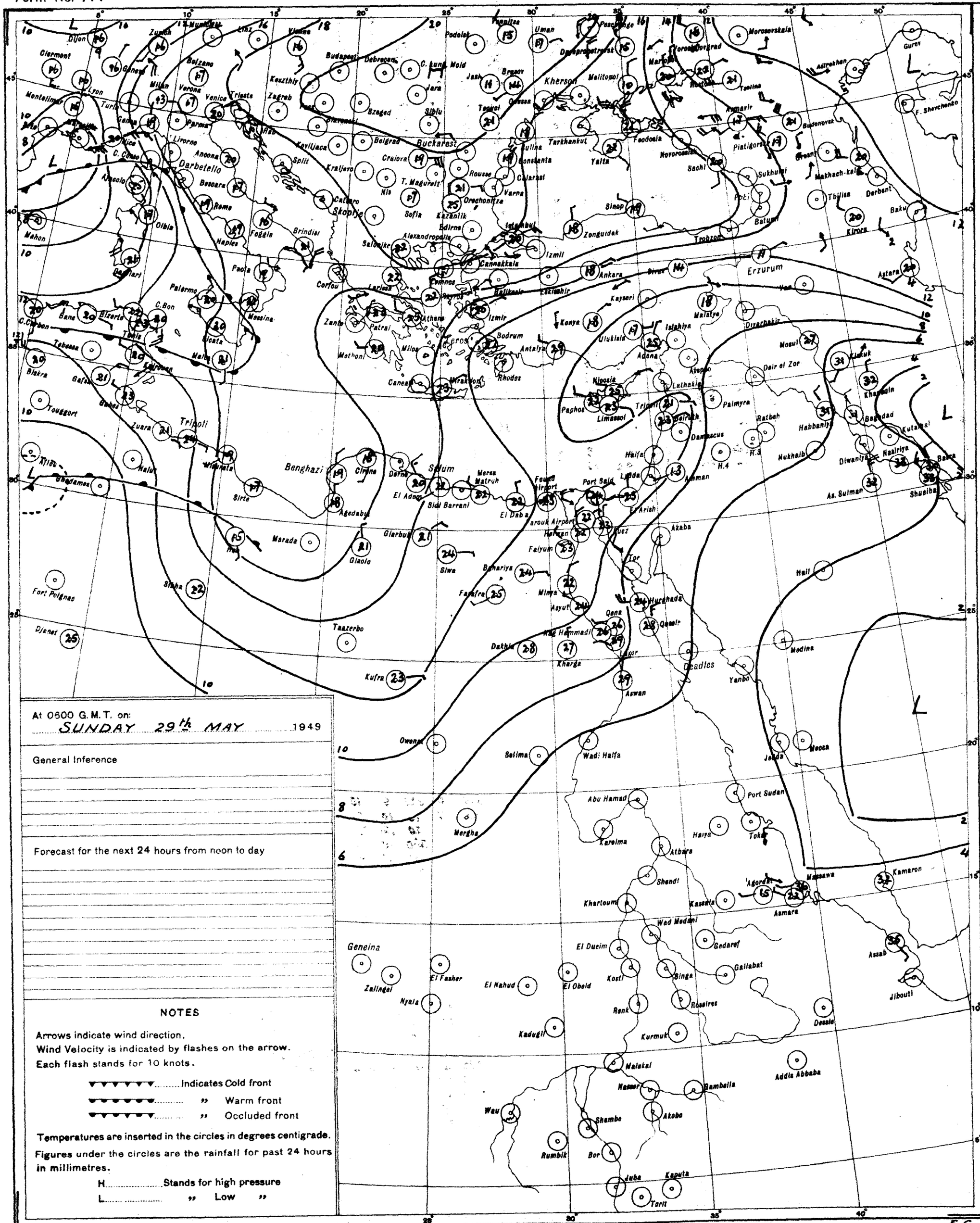
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 29 – 5 – 1949


Dijon
Clermont
Zurich
Munich
Linz
Vienna
Podolsk
Uman
Kherson
Melitopol
Odessa
Tiraspol
Budapest
Debrecen
Kecskemet
Zagreb
Szeged
Sibiu
Jassy
Braila
Constanta
Tulcea
Tarkhankut
Yalta
Feodosia
Novorossiysk
Sochi
Sukhumi
Batum
Tbilisa
Kirovs
Baku
Derbent
Makhach-kala
Astrakhan
Gurev
Morozovskaia
Rostov
Taganrog
Tselina
Armavir
Budenovsk
Pistigorsk
Groznyi
Erzurum
Van
Astara
Trabzon
Sinop
Zonguldak
Ankara
Sivas
Kayseri
Konya
Malatya
Diyarbakir
Mosul
Kirkuk
Khanaqin
Baghdad
Kutaiba
Basra
Shuaiba
As Sulman
Nasiriya
Diwaniya
Habbaniya
Nukhaib
H.3
H.4
Dair el Zor
Palmyra
Ratbah
Aleppo
Latakia
Tripoli
Damascus
Amman
Haifa
Lydda
Port Said
Ismailia
Suez
El Arish
Akaba
Tor
Hurghada
Qena
Qeneh
Luxor
Aswan
Deadlos
Yanbo
Medina
Mecca
Jedda
Hail
Wadi Halfa
Port Sudan
Tokar
Haiya
Kareima
Atbara
Shendi
Khartoum
Kassala
Asmara
Massawa
Agordat
Kamaron
Assab
Jibouti
Dessie
Addis Abbaba
Gambella
Nasser
Malakal
Wau
Shambe
Akobo
Rumbik
Bor
Juba
Kaputa
Torit
Geneina
Zalingei
Nyala
El Fasher
El Nahud
El Obeid
Kosti
Renk
Roseires
Kadugli
Kurmuk
Binga
Gedaref
Gallabat
El Dueim
Wad Medani
Mersa Matruh
El Daba
Fuka Airport
Marouk Airport
Helwan
Faiyum
Benhariya
Farafra
Minya
Asyut
Kharga
Dakhla
Wadi Hammadi
Siwa
Sidi Barrani
El Adem
Sollum
Derna
Cirene
Benghazi
Agedabia
Marada
Giaolo
Sirte
Misurata
Tripoli
Zuara
Nalut
Ghadames
Kufra
Tazerbo
Sebha
Fort Polignac
Djanet
Mahon
Bona
Bizerta
Tunis
Tebessa
Biskra
Gafsa
Gabes
Kairouan
Malta
Palermo
Messina
Catania
Naples
Foggia
Brindisi
Bari
Cagliari
Olbia
Livorno
Ancona
Bologna
Parma
Milan
Verona
Venice
Trieste
Bolzano
Genoa
Turin
Lyon
Nice
Ajaccio
Corfou
Larissa
Athens
Patrai
Zante
Methoni
Milos
Crete
Canea
Iraklion
Rhodes
Bodrum
Antalya
Izmir
Balikesir
Eskisehir
Izmit
Istanbul
Edirne
Alexandropolis
Salonika
Cannakkale
Lemnos
Skyros
Varna
Rousse
Calarasi
Orechovitza
Kazanlik
Sofia
Nis
T. Magurele
Craiova
Belgrad
Split
Kraljevo
Kevljaca
Sarajevo
Cattaro
Skoplje
Bucharest
Sulina
Tegucci
Jara
C. Lung
Mold
Brasov
Podolsk
Pesochnoe
Voronezh
Kursk
Gomel
Kiev
Dnepropetrovsk
Mariupol
Voroshilovgrad
Rostov
Taganrog
Tselina
Astrakhan
Gurev
F. Shevchenko
Morozovskaia
Kirovograd
Odessa
Kherson
Melitopol
Simferopol
Sevastopol
Feodosia
Novorossiysk
Sochi
Sukhumi
Batum
Tbilisa
Kirovs
Baku
Derbent
Makhach-kala
Groznyi
Pistigorsk
Budenovsk
Armavir
Tselina
Rostov
Taganrog
Mariupol
Voroshilovgrad
Kursk
Gomel
Kiev
Dnepropetrovsk
Pesochnoe
Voronezh
Uman
Podolsk
Vienna
Linz
Munich
Zurich
Dijon
Clermont
Montelimar
Lyon
Turin
Genoa
Milan
Verona
Venice
Trieste
Bolzano
Parma
Livorno
Ancona
Bologna
Nice
C. Cinese
Ajaccio
Mahon
Cagliari
Olbia
Bari
Brindisi
Foggia
Naples
Rome
Bescara
Darbetello
Palermo
Messina
Catania
Malta
Tunis
Bona
Bizerta
C. Bon
C. Carbon
Tebessa
Biskra
Gafsa
Gabes
Kairouan
Touggort
Zuara
Tripoli
Nalut
Ghadames
Kufra
Tazerbo
Sebha
Fort Polignac
Djanet
Sirte
Misurata
Benghazi
Cirene
Derna
Sollum
Mersa Matruh
El Adem
Sidi Barrani
Agedabia
Marada
Giaolo
Siwa
Glarbub
Fuka Airport
Marouk Airport
Helwan
Faiyum
Benhariya
Farafra
Minya
Asyut
Kharga
Dakhla
Wadi Hammadi
Qena
Luxor
Aswan
Hurghada
Tor
Suez
Ismailia
Port Said
Lydda
Haifa
Amman
Damascus
Tripoli
Latakia
Palmyra
Ratbah
Aleppo
Dair el Zor
Mosul
Kirkuk
Khanaqin
Baghdad
Kutaiba
Basra
Shuaiba
As Sulman
Nasiriya
Diwaniya
Habbaniya
Nukhaib
H.3
H.4
Hail
Medina
Mecca
Jedda
Yanbo
Port Sudan
Tokar
Haiya
Kareima
Atbara
Shendi
Khartoum
Kassala
Asmara
Massawa
Agordat
Kamaron
Assab
Jibouti
Dessie
Addis Abbaba
Gambella
Nasser
Malakal
Wau
Shambe
Akobo
Rumbik
Bor
Juba
Kaputa
Torit
Geneina
Zalingei
Nyala
El Fasher
El Nahud
El Obeid
Kosti
Renk
Roseires
Kadugli
Kurmuk
Binga
Gedaref
Gallabat
El Dueim
Wad Medani
Mersa Matruh
El Daba

CAIRO

Time of Sunrise 02 55 G. M. T.

" " Sunset 16 50 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: Monday 30th May, 1949

At 1200 on Sun. 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	20	12	7	03	0	1	Cu	12.6	25	70	14
	62303	SÎDI BARÂNI	320	9	50	01	0	0	—	13.3	22	66	20
	62306	MATRÛH	360	11	16	03	0	1	Cu	12.5	23	74	16
	62309	EL DABA	320			00	0	0	—		23	64	20
		ALEXANDRIA	360	13	50	00	0	0	—	10.2	23	74	18
	62318	FOUAD (Airport)	320	16	18	02	0	1	Cu	11.1	23	74	18
	62330	DAMIETTA	340	2	15	00	0	0	—	10.7	26	51	15
	62333	PORT SA'ÎD	360	9	30	03	0	1	Sc	10.0	24	69	16
	62336	EL 'ARISH	320	9	35	01	0	0	—	10.4	24	74	19
Lower Egypt	62339	DAMANHUR	360	9	15	02	1	1	Cu	11.2	28	52	17
	62342	MANSURA	40	5	35	01	1	4	Cu	9.6	22	28	11
	62348	TANTA	310	2	35	01	1	2	Cu	9.4	31	31	12
	62354	ZAGAZIG	40	5	15	00	0	0	—	9.9	31	22	7
	62441	ISMAÎLÎA	20	5	16	02	0	0	—	8.7	31	22	7
Cairo Area	62366	FAROUK (Airport)											
	62372	ALMÂZA	270	8	30	00	0	0	—	8.0	31		
		EZBEKÎYA	340	3	35	00	0	1	Cu	8.8	31	31	12
		GÎZA	340	3	35	00	0	1	Cu	9.8	31	27	10
	62378	HELWÂN	340	8	15	02	0	0	—	8.4	31	22	7
Upper Egypt	62381	FAIYÛM	330	5	35	02	0	0	—	8.6	32	24	9
	62387	MINYA	360	16	12	00	0	0	—	8.6	34	16	6
	62393	ASYÛT MANQABÂD	360	13	30	00	0	0	—	8.0	34	12	1
	62399	NAG' HAMMÂDI	230	6	15	00	0	0	—	6.6	34	18	6
	62402	QENA	240	9	50	00	0	0	—	6.9	36	13	4
	62405	LUXOR	340	15	30	00	0	0	—	6.5	36	10	0
	62414	ASWÂN	260	5	50	00	0	0	—	6.8	37	14	6
Oases	62417	SÎWA	320	6	35	00	0	0	—	12.7	32	38	16
	62420	BAHARÎYA	270	2	35	02	0	0	—	10.0	33	16	4
	62423	FARAFRA	360	3	35	02	1	0	—	10.2	34	22	7
	62432	DAKHLA	340	2	50	00	0	0	—	8.4	34	22	9
	62435	KHARGA	340	2	35	00	0	0	—	8.3	35	23	11
Red Sea	62450	SUEZ	360	6	35	02	0	0	—	7.0	31	26	10
	62459	TÛR											
	62462	HURGHÂDA	300	15		00	0	0	—	5.3	26	70	20
	62465	QUSEIR	20	13	15	02	0	0	—	6.4	26	70	22
	62641	PORT SÛDÂN	60	12	30	03	0	1	Cu	3.4	34	50	22
North Sûdân	62600	WÂDI HALFA	360	22	10	07	0	0	—	5.7	37	6	-3
	62640	ABU HAMAD	60	9	10	00	0	0	—	2.0	41	6	1
	62660	KAREIMA	340	15	7	07	0	0	—	3.8	40	6	-5
	62680	'ATBARA	360	5	10	05	0	0	—		43	8	2
	62721	KHARTÛM	340	10	30	02	0	0	—	2.7	40	8	0
	62730	KASSALA	270	2	30	00	0	0	—	0.9	40	21	14
Central Sûdân	62751	WÂD MEDANI	360	9	35	00	0	0	—	1.6	41	9	2
	62801	RENK											
	62802	ROSEIRES	230	9	3	21	1	8	Fu,Fc		32	43	18
	62771	EL OBEID	320	7	30	02	2	7	Ac	4.5	35	20	9
	62760	EL FÂSHER	50	6	30	01	1	5	Ac,Cu		37	13	5
	62770	GENEINA	130	7	4	05	0	0	—		34	20	8
S. Sûdân	62840	MALAKÂL	170	6	18	03	0	6	Cu,Cs	6.0	33	56	23
	62880	WÂU											
	62941	JUBA	50	2	30	02	2	7	Cu,Cb,Cs	7.0	31	59	22

At 1800 on Sun. 29th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
62300	SALÛM	320	6	7	02	0	0	—	12.3	23	61	15	0
62303	SÎDI BARÂNI	220	2	35	02	0	0	—	12.2	20	95	20	0
62306	MATRÛH												
62309	EL DABA	320	4		00	0	0	—		22	63	17	0
	ALEXANDRIA	20	10	3	00	0	0	—	10.2	21	63	16	0
62318	FOUAD (Airport)	340	6	12	00	0	0	—	7.8	20	84	16	0
62330	DAMIETTA	340	5		00	0	0	—	7.0	21	88	19	0
62333	PORT SA'ÎD	360	14	18	02	0	0	—	7.3	23	74	18	0
62336	EL 'ARISH	40	5	35	03	0	2	Cb		22	83	19	0
62339	DAMANHUR	360	9	15	02	0	0	—	10.6	22	65	15	0
62342	MANSURA	320	5	3	00	1	0	—	9.6	23	65	16	0
62348	TANTA	40	2	35	02	1	0	—	10.2	22	57	13	0
62354	ZAGAZIG	320	5	3	00	0	0	—	9.1	24	64	18	0
62441	ISMAÎLÎA	20	2	15	02	0	0	—	8.7	25	47	13	0
62366	FAROUK (Airport)												
62372	ALMÂZA	360	15	13	00	0	0	—	8.5	26	62	18	0
	EZBEKÎYA	360	6	15	00	0	0	—	9.4	25	54	15	0
	GÎZA	360	6	15	00	0	0	—	10.0	25	55	15	0
62378	HELWÂN	340	29	15	02	0	0	—	8.0	26	48	14	0
62381	FAIYÛM	00	0	35	02	0	0	—	7.5	26	37	10	0
62387	MINYA	00	0	8	00	0	0	—		25	34	8	0
62393	ASYÛT MANQABÂD												
62399	NAG' HAMMÂDI	00	0	7	00	0	0	—	6.1	27	37	11	0
62402	QENA	290	9	7	00	0	0	—	6.4	31	17	3	0
62405	LUXOR	320	11	12	00	0	0	—	6.7	31	17	3	0
62414	ASWÂN	360	9	50	00	0	0	—	6.4	35	13	3	0
62417	SÎWA	00	0	35	00	0	0	—	11.2	30	46	17	0
62420	BAHARÎYA	360	3	15	02	0	0	—	9.6	27	27	6	0
62423	FARAFRA	360	3	15	02	0	0	—	9.1	27	20	2	0
62432	DAKHLA	320	2	35	00	0	0	—	8.0	32	20	6	0
62435	KHARGA	00	0	15	00	0	0	—	8.0	32	24	7	0
62450	SUEZ	360	5	7	02	0	0	—	7.4	27	33	7	0
62459	TÛR												
62462	HURGHÂDA	250	11		00	0	0	—	5.6	27	55	17	0
62465	QUSEIR	360	9	15	02	0	0	—	5.9	27	55	17	0
62641	PORT SÛDÂN												
62600	WÂDI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	'ATBARA												
62721	KHARTÛM												
62730	KASSALA												
62751	WÂD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID												
62760	EL FÂSHER												
62770	GENEINA												
62840	MALAKÂL												
62880	WÂU												
62941	JUBA												

At 0600 on Monday 30th May

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs.	Bar. Pressure Diff. from normal mbs.	Temp. Dry Bulb	Temp. Maximum Yesterday	Temp. Maximum Diff. from normal	Temp. Minimum Today	Temp. Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.	Station
62300	SALUM	320	4	7	02	0	0	—	10.8		23	25		15		65	16	0			SALUM
62303	SÎDI BARÂNI	340	7	50	02	2	2	Sc,Cu	11.4		22	23		18		63	17	0	279		SÎDI BARÂNI
62306	MATRÛH	320	8	12	02	0	4	Sc	11.1		21			16		74	16	0			MATRÛH
62309	EL DABA	320			00	0	0	—	10.0		23			15		65	16	0			EL DABA
	ALEXANDRIA	310	6	50	01	1		Sc,Cu	9.3	-4.4	22	25	-2	17	0	63	17	0	267	145	ALEXANDRIA
62318	FOUAD (Airport)	310	7	14	03	0	5	Sc	8.8		22	25		17		74	18	0	265	136	FOUAD (Airport)
62330	DAMIETTA	230	5		02	0	0	—	9.0	-3.6	24	27		15		74	17	0	319	105	DAMIETTA
62333	PORT SA'ÎD	270	6	5	01	0	2	Sc	8.5		20	26		20		74	18	2	72		PORT SA'ÎD
62336	EL 'ARISH	230	3	35	01	0	0	—	9.1	-3.7	20	25	-3	17	+1	70	19	0		93	EL 'ARISH
62339	DAMANHUR	310	7	15	03	1	3	Cu	9.6	-3.6	24	24	-2	17	0	74	19	0	102	101	DAMANHÛR
62342	MANSURA	270	5	35	00	0	0	—	9.0	-3.7	23	22	-1	16	-1	74	18	0	49	54	MANSÛRA
62348	TANTA	270	2	35	01	1	2	Cu	9.7	-3.4	23	32	-2	14	-2	74	18	0	34	43	TANTA
62354	ZAGAZIG	320	5	7	00	0	0	—	8.6	-4.2	24	33	0	16	0	74	19	0	21	27	ZAGAZIG
62441	ISMAÎLÎA	290	2	7	00	1	3	Sc	8.7		23	32		19		74	18	0	14		ISMAÎLÎA
62366	FAROUK (Airport)																				FAROUK (Airport)
62372	ALMÂZA	290	6	12	01	2	5	Sc	8.9	-3.8	22	32		17		70	18	0			ALMÂZA
	EZBEKÎYA	360	5	15	00	0	1	Cu	9.5	-3.2	23	32	-2	18	0	66	16	0	8	26	EZBEKÎYA
	GÎZA	360	5	15	00	0	1	Cu	9.6	-3.1	23	33	-1	17	+1	66	16	0	16	26	GÎZA
62378	HELWÂN	340	9	7	00	0	1	Cu	9.0	-3.5	20	32	-2	17	-2	63	17	0	16	27	HELWÂN
62381	FAIYÛM	20	5	35	02	0	0	—	9.4	-3.1	23	33	-2	18	0	61	15	0	8	0	FAIYÛM
62387	MINYA	10	11	12	00	0	0	—	9.2		24	35		16		54	14	0	5		MINYA
62393	ASYÛT MANQABÂD	00	00	30	00	0	0	—	9.0		24	35		19		54	14	0	dr		ASYÛT MANQABÂD
62399	NAG' HAMMÂDI	320	1	3	00	0	0	—	8.3	-1.7	26	34		16		42	12	0	0		NAG' HAMMÂDI
62402	QENA	290	5	35	00	0	0	—	8.2	-1.6	26	38	-2	20	-2	30	7	0	dr		QENA
62405	LUXOR	00	0	30	00	0	0	—	7.5		31	36		17		24	8	0	dr		LUXOR
62414	ASWÂN	00	0	35	00	0	0	—	8.7	-1.3	29	39	-1	22	-3	37	13	0	2		ASWÂN
62417	SÎWA	00	0	30	00	0	0	—	11.1	-2.1	20	34	-2	16	-2	54	15	0	1	6	SÎWA
62420	BAHARÎYA	360	5	35	02	0	0	—	11.4	-1.7	20	34	-2	16	-2	73	15	0	dr	7	BAHARÎYA
62423	FARAFRA	360	1	35	02	0	0	—	12.4		20	35		17		42	11	0			FARAFRA
62432	DAKHLA	360	2	35	00	0	0	—	8.6	-2.4	20	36	-3	21	0	30	7	0	dr		DAKHLA
62435	KHARGA	00	0	35	00	0	0	—	9.4	-1.1	24	35	-4	21	-1	57	15	0	0		KHARGA
62450	SUEZ	360	3	35	00	0	0	—	8.2	-3.8	23	34	0	19	-1	74	18	0	12	17	SUEZ
62459	TÛR																		dr	13	TÛR
62462	HURGHÂDA	270	9		00	0	0	—	6.6		25	28		23		65	18	0	7		HURGHADA
62465	QUSEIR	70	5	15	02	0	0	—	6.6	-3.1	29	29	-3	23	-2	40	14	0	0	4	QUSEIR
62641	PORT SÛDÂN	330	4	30	01	2	1	Ac	5.5		33	39		24		53	22	0	35	47	PORT SÛDÂN
62600	WÂDI HALFA	00	0	30	00	0	0	—	8.2		29	39		21		22	5	0	14		WÂDI HALFA
62640	ABU HAMAD	70	19	7	07	1	6	Ac	5.5		31	43		27		16	2	0			ABU HAMAD
62660	KAREIMA	20	9	30	01	1	5	Ac	7.5		30	41		27		18	3	0	5	2	KAREIMA
62680	'ATBARA	340	13		07	2	5	Ac	4.8		32	44		30		14	1	0	8	6	'ATBARA
62721	KHARTÛM	360	3	10	02	1	5	Ac,Cc	6.3		33	41		30		12	0	0	13	7	KHARTÛM
62730	KASSALA	210	9	30	00	0	0	—	6.0		29	41		26		46	16	0	44	23	KASSALA
62751	WÂD MEDANI	230	9	50	00	0	1	Cc	6.0		31	42		27		49	19	0	71	24	WÂD MEDANI
62801	RENK	230	5	50	01	1	5	Cb	8.0		25	35		23		70	19	0		66	RENK
62802	ROSEIRES	230	5	35	02	2	4	Ac			27	37		23		70	21	20	64	111	ROSEIRES
62771	EL OBEID	190	13	30	03	2	1	Ac	8.5		27	37		25		70	21	0	83	4	EL OBEID
62760	EL FÂSHER	70	9	30	02	1	7	Ac			30	38		26		35	13	0	18	15	EL FÂSHER
62770	GENEINA	70	7	10	02	1	7	Ac			27	37		22		48	15			27	GENEINA
62840	MALAKÂL	230	4	30	21	6	7	Ac	8.7		24	33		21		63	21	123	370	195	MALAKÂL
62880	WÂU	00	0	30	95	9	8	Ac	12.2		22	35		22		94	21	68	412	363	WÂU
62941	JUBA	70	2	30	03	2	8	Sc,Ac,Cu	11.1		25	32		24		95	25	0	346	455	JUBA

HUMIDITY % Mean of day

Station	on 29th	Diff. from normal
Alexandria	82	+11
Ezbekîya	62	+11
Gîza	63	+13
Helwân	54	+15

GÎZA GRASS MINIMUM TEMP. ON 30th 14.5 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. feet	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — On ..... At ..... AIRPORT

Pressure mbs.	Height above M.S.L. feet	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. feet	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. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on Sun. 29th

Height m.	Almaza Dir.	Almaza Vel.	Port Said Dir.	Port Said Vel.	Minya Dir.	Minya Vel.
Time	14		15		15	
300	330	10	340	16	360	
600	350	12	350	13	360	
1000	330	7	350	3	350	
1500	40	7	30	7	350	
2000			20	7	350	
3000			140	3		
4000			240	6		
5000						
6000						
7000						
8000						

UPPER WIND OBSERVATIONS on Mon. 30th

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Farouk Dir.	Farouk Vel.
Time	5		5		3		4				6 30		3		8		5 45		5		9		3	
300	240	4	340	19	320	15	320	5			320	9	10		330	7	270	2	10	8	350	20	10	7
600			280	16	340	10	360	6			320	4	20		320	10	320	6	20	13	290	6	20	8
1000			270	20	350	12	300	6			70	5	20		330	15	320	17	40	13	290	15	10	5
1500					350	16	320	7			70	3	340		320	20	280	17			290	26	320	5
2000					330	13	40	7			290	4	320				290	15			280	45	280	10
3000											240	6	310								280	19	270	6
4000											290	16												
5000																							260	17
6000																							260	15
7000																								
8000																								

Height m.	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time	4	30	5		5		4	30							4								5	
300	140	5	20	5	70	4	10	13																
600	60	7	20	6	60	5	20	13							30	14							300	4
1000	60	13	330	10	30	9	20	15							50	20							30	5
1500	320	16	320	25	40	13	320	8							40	16							60	12
2000	310	16	320	28	40	22									30	6							40	7
3000	320	27																					50	4
4000	310	20																						
5000	280	20																						
6000																								
7000																								
8000																								

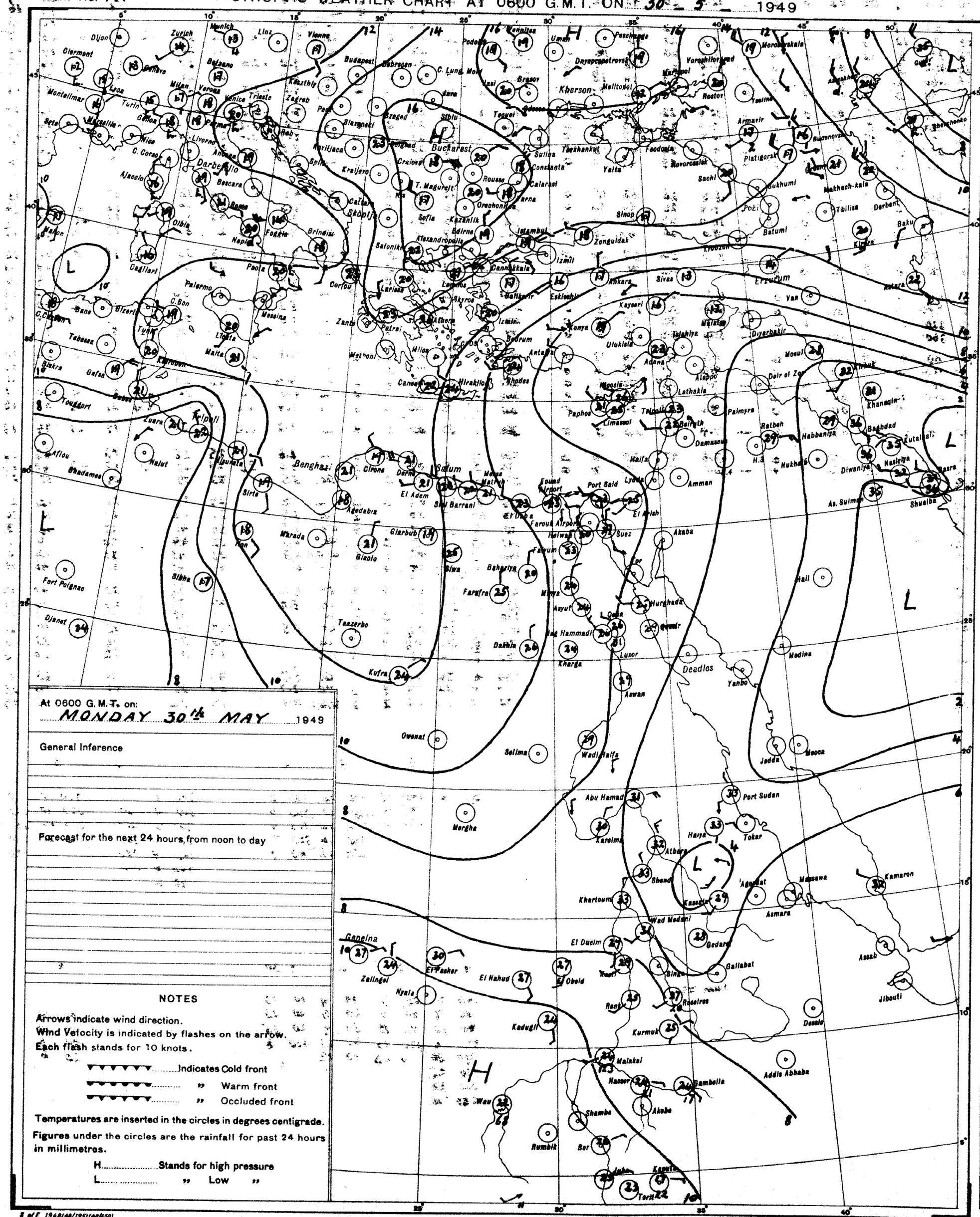
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 30 - 5 - 1949


Buckarest
Kherson
Darbeglio
Benghazi
Salum
Deadlos
Khartoum
Port Sudan
Geneina
Addis Abbaba
Asmara
Massawa
Kamaron
Jibouti
Dessie
Tokar
Atbara
Shendi
Kassala
Gedaref
Galiabat
Wad Medani
El Dueim
Kosti
Sinja
Roseires
Kurmuk
Malakal
Nasser
Bambella
Akobo
Shambe
Bor
Rumbik
Wau
Zalingei
El Fasher
El Nahud
El Obeid
Kadugli
Kyala
Rank
Kareima
Abu Hamad
Mergha
Wadi Halfa
Selima
Owenat
Kufra
Taazerbo
Dakhla
Kharga
Luxor
Aswan
Qena
Hurghada
Asyut
Beni Hammadi
Minya
Farafra
Bahariya
Siwa
Faiyum
Helwan
Suez
Akaba
Tor
Port Said
El Arish
Farouk Airport
Fouad Airport
Lydda
Amman
Haifa
Beirut
Damascus
Palmyra
Ratbeh
Habbaniya
Baghdad
Kutaisi
Nasiriya
Basra
Shuaiba
As. Suimin
Diwaniya
Khanaqin
Mosul
Deir el Zor
Diyarbakir
Aleppo
Lathakia
Nicosia
Limassol
Paphos
Tripoli
Rhodes
Iraklion
Canea
Mersa Matruh
El Daba
Sidi Barrani
El Adem
Derna
Cirene
Agedabia
Marada
Giarbub
Giaolo
Sirte
Hon
Sibha
Nalut
Zuara
Tripoli
Bhadames
Aflou
Fort Polignac
Djanet
Gafsa
Kairouan
Tebessa
Biskra
Touggourt
Bone
Bizerte
Tunis
C. Bon
Palermo
Messina
Malta
Licata
Cagliari
Olbia
Naples
Foggia
Brindisi
Paola
Corfou
Larissa
Salonika
Skoplje
Sofia
Kazanlik
Edirne
Istanbul
Izmit
Zonguldak
Samsun
Sinop
Ankara
Eskisehir
Kayseri
Konya
Sivas
Erzurum
Van
Batumi
Tbilisa
Derbent
Baku
Kutaisi
Sochi
Novorossiisk
Yalta
Feodosia
Taganrog
Rostov
Mariupol
Voroshilovgrad
Dnyepropetrovsk
Melitopol
Odessa
Tecuci
Constanta
Calarasi
Rousse
Varna
Craiova
Sibiu
Szeged
Budapest
Debrecen
Vienna
Linz
Munich
Zurich
Dijon
Clermont
Montelimar
Marseille
Nice
Livorno
Ancona
Venice
Trieste
Zagreb
Milan
Genoa
Turin
Lyon
Geneva
Belzano
Verona
Pola
Rab
Split
Kragujevac
Kraljevo
Bescara
Rome
Ajaccio
C. Corso
Sete
Madrid
Malaga
Oran
Algiers
Bone
Tunis
Tebessa
Biskra
Gafsa
Kairouan

CAIRO

Time of Sunrise 02 55 G. M. T.

" " Sunset 16 51 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: TUESDAY 31st MAY, 1949

At 1200 on Mon 30th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM											
	62303	SIDI BARANI											
	62306	MATRUH											
	62309	EL DABA	320	25		00	0	0	-	12.6	24	74	19
		ALEXANDRIA	310	11	50	01	2	5	Cu, Sc	9.8	24	74	19
	62318	FOUAD (Airport)	290	17	13	02	1	4	Sc	9.4	26	62	18
	62330	DAMIETTA	340	5	15	02	0	0	-	8.4	26	70	20
	62333	PORT SA'ID	360	11	30	02	0	1	Cu	8.7	25	74	20
	62336	EL 'ARISH	40	13	35	02	0	0	-	8.2	25	70	19
Lower Egypt	62339	DAMANHUR	310	13	15	02	1	2	Cu	8.7	29	59	20
	62342	MANSURA	320	5	35	01	0	1	Cu	8.2	32	24	9
	62348	TANTA	310	8	35	01	1	3	Cu	9.0	32	24	14
	62354	ZAGAZIG	20	5	15	00	0	0	-	9.0	31	31	12
	62441	ISMA'ILIA	360	2	15	02	1	2	Sc	7.9	31	22	7
Cairo Area	62366	FAROUK (Airport)											
	62372	ALMAZA	270	8	30	00	0	0	-	8.0	31	31	12
		EZBEKIYA	290	6	35	00	0	0	-	8.0	31	22	7
		GIZA	290	6	35	00	0	0	-	9.0	33	15	3
	62376	HELWAN	290	8	35	02	0	0	-	7.9	31	17	3
Upper Egypt	62381	FAIYUM	320	5	35	02	0	0	-	8.6	31	17	3
	62387	MINYA	330	11	14	00	0	0	-	8.4	34	14	3
	62393	ASYUT MANQABAD	270	13	30	00	0	0	-	8.0	34	11	-1
	62399	NAG' HAMMADI	360	3	7	00	0	0	-	7.4	33	24	10
	62402	QENA	270	13	50	00	0	0	-	6.6	35	13	4
	62405	LUXOR											
	62414	ASWAN	340	4	50	00	0	0	-	6.7	37	16	7
Oases	62417	SIWA	320	9	35	00	0	0	-	12.0	32	56	22
	62420	BAHARIYA	360	2	35	02	0	0	-	9.5	31	22	7
	62423	FARAFRA	320	3	35	02	0	0	-	10.4	33	12	0
	62429	DAKHLA	320	6	50	00	0	0	-	8.3	35	19	8
	62435	KHARGA	00	0	35	00	0	0	-	8.3	35	23	11
Red Sea	62450	SUEZ	360	3	35	02	0	0	-	6.8	31	22	7
	62459	TOR	310	4	50	00	0	0	-	6.6	32	56	22
	62462	HURGHADA	310	18		00	0	0	-	5.9	28	55	18
	62465	QUSEIR	20	9	15	02	0	0	-	6.8	29	66	22
	62641	PORT SUDAN											
North Sudan	62600	WADI HALFA											
	62640	ABU HAMAD											
	62660	KAREIMA	40	18	12	01	1	2	Cu	1.3	39	7	-3
	62680	'ATBARA	340	13	30	03	4	3	As	1.6	41	9	2
	62721	KHARTUM											
	62730	KASSALA	130	5	30	00	0	0	-	1.3	40	28	18
Central Sudan	62751	WAD MEDANI	270	9	35	02	1	5		1.9	40	13	7
	62800	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	320	18	30	00	0	0	-	4.3	36	14	5
	62760	EL FASHER	70	9	30	02	1	7	Ac		37	12	3
	62770	GENEINA	130	6	30	01	1	3	Cu, Ac		36	12	2
S. Sudan	62840	MALAKAL											
	62880	WAU	130	10	30	02	1	8	Sc, Ac	3.6	35	44	21
	62941	JUBA	360	2	30	03	6	8	Cb, Ac	3.3	33	52	21

At 1800 on 30th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
Mediterranean	62300	SALUM	320	4	7	02	0	0	-	10.7	23	65	16	0
	62303	SIDI BARANI	270	4	35	02	0	0	-	11.2	21	75	21	0
	62306	MATRUH												
	62309	EL DABA	320	10		00	0	0	-	11.5	23	74	18	0
		ALEXANDRIA	320	6	3	00	0	0	-	10.8	21	83	18	0
	62318	FOUAD (Airport)	340	15	18	00	1	0	-	8.7	21	83	13	0
	62330	DAMIETTA	320	2		02	0	0	-	8.7	22	88	20	0
	62333	PORT SA'ID	350	10	12	02	0	0	-	8.4	23	74	18	0
	62336	EL 'ARISH	360	2	7	01	0	0	-	8.3	22	83	19	0
Lower Egypt	62339	DAMANHUR	360	5	15	02	0	0	-	9.5	21	88	19	0
	62342	MANSURA	320	5	3	00	1	0	-	8.8	24	69	18	0
	62348	TANTA	00	0	35	02	1	0	-	8.6	23	61	15	0
	62354	ZAGAZIG	320	5	3	00	0	0	-	8.8	25	61	17	0
	62441	ISMA'ILIA	360	5	15	02	0	0	-	8.0	25	54	15	0
Cairo Area	62366	FAROUK (Airport)												
	62372	ALMAZA												
		EZBEKIYA	330	9	15	00	0	0	-	8.3	27	52	16	0
		GIZA	330	9	15	00	0	0	-	9.4	27	49	15	0
	62376	HELWAN	320	13	35	02	0	0	-	8.3	27	37	11	0
Upper Egypt	62381	FAIYUM	20	5	35	02	0	0	-	7.8	28	33	10	0
	62387	MINYA	20	6	8	00	0	0	-	8.4	25	42	11	0
	62393	ASYUT MANQABAD												
	62399	NAG' HAMMADI	00	0	7	00	0	0	-	7.6	27	37	11	0
	62402	QENA	240	5	7	00	0	0	-	7.5	28	33	10	0
	62405	LUXOR	330	5	12	00	0	0	-	7.6	30	17	3	0
	62414	ASWAN	00	0	50	00	0	0	-	7.5	34	14	3	0
Oases	62417	SIWA	00	0	7	00	0	0	-	12.0	30	59	21	0
	62420	BAHARIYA	360	2	15	02	0	0	-	7.6	28	27	7	0
	62423	FARAFRA	360	2	15	02	0	0	-	10.4	26	25	4	0
	62429	DAKHLA	00	0	35	00	0	0	-	8.2	32	20	6	0
	62435	KHARGA	00	0	15	00	0	0	-	7.5	33	30	13	0
Red Sea	62450	SUEZ	360	3	7	02	0	0	-	7.2	28	33	10	0
	62459	TOR	310	4	50	00	0	0	-	7.9	29	52	18	0
	62462	HURGHADA	220	1		00	0	0	-	6.4	27	58	18	0
	62465	QUSEIR	140	5	15	02	0	0	-	7.0	27	52	16	0
	62641	PORT SUDAN												
North Sudan	62600	WADI HALFA												
	62640	ABU HAMAD												
	62660	KAREIMA												
	62680	'ATBARA												
	62721	KHARTUM												
	62730	KASSALA												
Central Sudan	62751	WAD MEDANI												
	62800	RENK												
	62802	ROSEIRES												
	62771	EL OBEID												
	62760	EL FASHER												
	62770	GENEINA												
S. Sudan	62840	MALAKAL												
	62880	WAU												
	62941	JUBA												

At 0600 on TUESDAY 31st

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	220	4	7	02	0	0	-	11.0		24	28		17		54	14	0		
SIDI BARANI	290	9	30	02	0	0	-	11.5		24			16		69	18	0	279	
MATRUH	350	3		00	0	0	-	10.9		22			15		69	16	0		
EL DABA	270	25		00	0	0	-	10.3		26			14		37	10	0		
ALEXANDRIA	310	5	50	01	1	4	Cu, Sc	10.4	-3.2	22	25	-2	19	0	65	15	0	267	185
FOUAD (Airport)	270	9	15	01	1	2	Sc	10.6		24	26		17		61	16	0	265	138
DAMIETTA	220	2	3	02	0	0	-	9.9	-2.6	24	29		15		74	19	0	319	105
PORT SA'ID	270	9	11	01	0	0	-	9.8		23	30		21		74	18	0	72	
EL 'ARISH	270	3	35	03	2	6	Cu	8.4	-4.4	25	26	-2	17	+1	70	19	0		93
DAMANHUR	320	9	15	02	0	0	-	10.4	-2.8	24	30	-1	17	0	69	18	0	102	101
MANSURA	270	5	35	00	0	0	-	10.2	-2.6	25	33	0	17	0	61	17	0	49	54
TANTA	00	0	35	02	0	0	-	11.1	-2.1	24	32	-2	14	-2	69	18	0	34	43
ZAGAZIG	220	5	7	00	0	0	-	10.2	-2.7	25	34	+1	18	+2	70	19	0	21	27
ISMA'ILIA	270	2	7	02	0	0	-	10.0		23	33		20		65	16	0	14	
FAROUK (Airport)	230	4	14	00	0	0	-	10.8		23			18		61	15	0		
ALMAZA	300	2	12	00	0	0	0	10.4	-2.3	23			18		65	16	0		
EZBEKIYA	40	2	15	00	0	0	-	10.6	-2.1	24	32	-2	19	+1	61	16	0	8	26
GIZA	40	2	15	00	0	0	-	10.7	-1.9	24	34	0	16	0	57	15	0	16	26
HELWAN	340	5	7	00	0	0	-	10.8	-1.7	22	32	-2	18	-1	65	15	0	16	29
FAIYUM	360	5	35	02	0	0	-	11.0	-1.5	25	33	-2	18	-1	47	13	0	8	8
MINYA	00	0	10	00	0	0	-	10.9		24	34		17		65	17	0	5	
ASYUT MANQABAD	00	0	30	00	0	0	-	10.1		26	35		20		40	11	0	dr	
NAG' HAMMADI	00	0	3	00	0	0	-	10.4	+0.4	25	34		17		42	11	0	0	
QENA	270	5	35	00	0	0	-	7.8	-0.1	25	37	-3	19	-3	34	8	0	dr	
LUXOR	00	0	30	00	0	0	-	9.6		25	36		17		34	8		dr	
ASWAN	360	10	50	00	0	0	-	8.3	-1.7	28	39	-1	23	-2	35	11	0	2	
SIWA	00	0	35	00	0	0	-	12.2	-1.8	25	34	-2	15	-2	61	17	0	1	8
BAHARIYA	360	2	35	02	0	0	-	11.1	-2.0	26	33	-3	18	0	42	12	0	dr	7
FARAFRA	240	2	35	02	0	0	-	11.4		25	35		16		32	2	0		
DAKHLA	00	0	35	00	0	0	-	9.6	-2.0	28	36	-3	22	+1	27	7	0	dr	
KHARGA	00	0	35	00	0	0	-	10.6	+0.2	26	36	-3	18	-5	30	7	0	0	
SUEZ	00	0	35	00	0	0	-	11.0	-0.9	24	34	0	18	+1	69	18	0	12	17
TOR	310	3	35	00	0	0	-	9.8	+0.1	26	34	+2	19	-3	74	21	0	dr	13
HURGHADA	310	8		00	0	0	-	9.1		26	28		20		62	18	0	7	
QUSEIR	310	7	15	02	0	0	-	8.8	-0.8	30	29	-3	23	-2	40	15	0	0	4
PORT SUDAN	40	5	50	01	1	4	Ac, Cu	7.9		33	37		24		36	16	0	35	77
WADI HALFA																	0	14	
ABU HAMAD	50	9	30	01	2	4	Ac	7.2		32	41		27		17	4	0		
KAREIMA	20	9	30	01	2	3	Ac	7.6		31	41		26		16	2	0	5	2
'ATBARA																	0	8	6
KHARTUM	20	14	30	01	1	5	Ac	5.8		34	41		30		14	3	0	13	7
KASSALA	180	9	30	00	0	0	-	6.2		31	41		26		49	19	0	44	23
WAD MEDANI	200	2	50	00	0	2	Cu	6.0		33	41		25		23	9	0	71	24
RENK																			89
ROSEIRES	130	9	35	00	0	0	-			28	36		25		62	20	0	64	113
EL OBEID	00	0	30	02	2	7	Ac	7.6		30	38		24		27	9	0	83	35
EL FASHER	30	5	30	01	1	4	Cu			29	37		23		17	1	0	18	15
GENEINA	250	6	30	01	0	3	Cu			25	37		23		61	17	0		28
MALAKAL	250	4		01	2	7	Ac	9.8		25	33		22		84	22	0.5	372	177
WAU	00	0	30	02	1	8	Ac	9.8		23	36		22		88	21	7	419	368
JUBA	00	0	30		2	8	Sc, Cs	10.8		25	32		24		94	24	3	454	460

HUMIDITY %

Mean of day

Station	on 30th	Diff. from normal
Alexandria	79	+3
Ezbekiya	58	+7
Giza	55	+5
Helwan	51	+12

GIZA GRASS MINIMUM TEMP. ON 31st 10.7 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. feet	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — On ..... At ..... Airport

Pressure mbs.	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 30th

Height m.	Fouad A.P. Dir.	Fouad A.P. Vel.	Port Said Dir.	Port Said Vel.	Minya Dir.	Minya Vel.
Time	15		14		15	
300	310	24	350	20	10	21
600	330	25	280	8	10	18
1000	330	22	310	13	10	19
1500	300	11	270	12	10	20
2000	310	13	240	9		
3000	10	6				
4000						
5000						
6000						
7000						
8000						

UPPER WIND OBSERVATIONS on 31st

Height m.	Sidi Barani Dir.	Sidi Barani Vel.	Matruh Dir.	Matruh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arish Dir.	El 'Arish Vel.	Helwan Dir.	Helwan Vel.	Minya Dir.	Minya Vel.	Asyut Manqabad Dir.	Asyut Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswan Dir.	Aswan Vel.	Hurghada Dir.	Hurghada Vel.	Farouk A.P. Dir.	Farouk A.P. Vel.
Time	5		4		4		3				6	45	3		8		5		5		9		3	
300	310	3	280	9	300	13	270	4			310	5	10	16	50	2	360	4	10	10	20	16	350	2
600	350	3	310	14	340	16	340	16			20	8	20	21	10	5	360	11	10	17	10	22	360	14
1000	330	4	320	12	340	18	320	12			330	7	350	20	350	13	350	13	30	16	340	10	360	16
1500	310	8	260	19	340	20					320	12	320	23	330	9	330	8	320	12	280	26	330	12
2000	300	10	290	15							320	12			300	7	310	17	270	19	310	27	330	13
3000	320	9	320	17							330	10			20	9	270	36					290	10
4000	320	14									290	12					280	30						
5000																	260	25					250	17
6000																							250	28
7000																								
8000																								

Height m.	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wadi Halfa Dir.	Wadi Halfa Vel.	Abu Hamad Dir.	Abu Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartum Dir.	Khartum Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fasher Dir.	El Fasher Vel.	Malakal Dir.	Malakal Vel.
Time	4	30	5		5		4	30	4						4				4		4	30		
300	120	16	120	7	50	3	340	6	360	2														
600	120	12	100	12	40	7	10	14	100	7					50	21								
1000	310	3	20	9	20	10	10	16	100	4					50	30			30	13	40	3		
1500	330	10	350	12	20	19	340	15	260	7					50	24			30	18	150	3		
2000	300	9	340	11	20	24									50	13								
3000	340	18	340	10					290	11					110	5			30	4	50	22		
4000	350	18	320	15																				
5000	330	23																						
6000	330	23																						
7000																								
8000																								

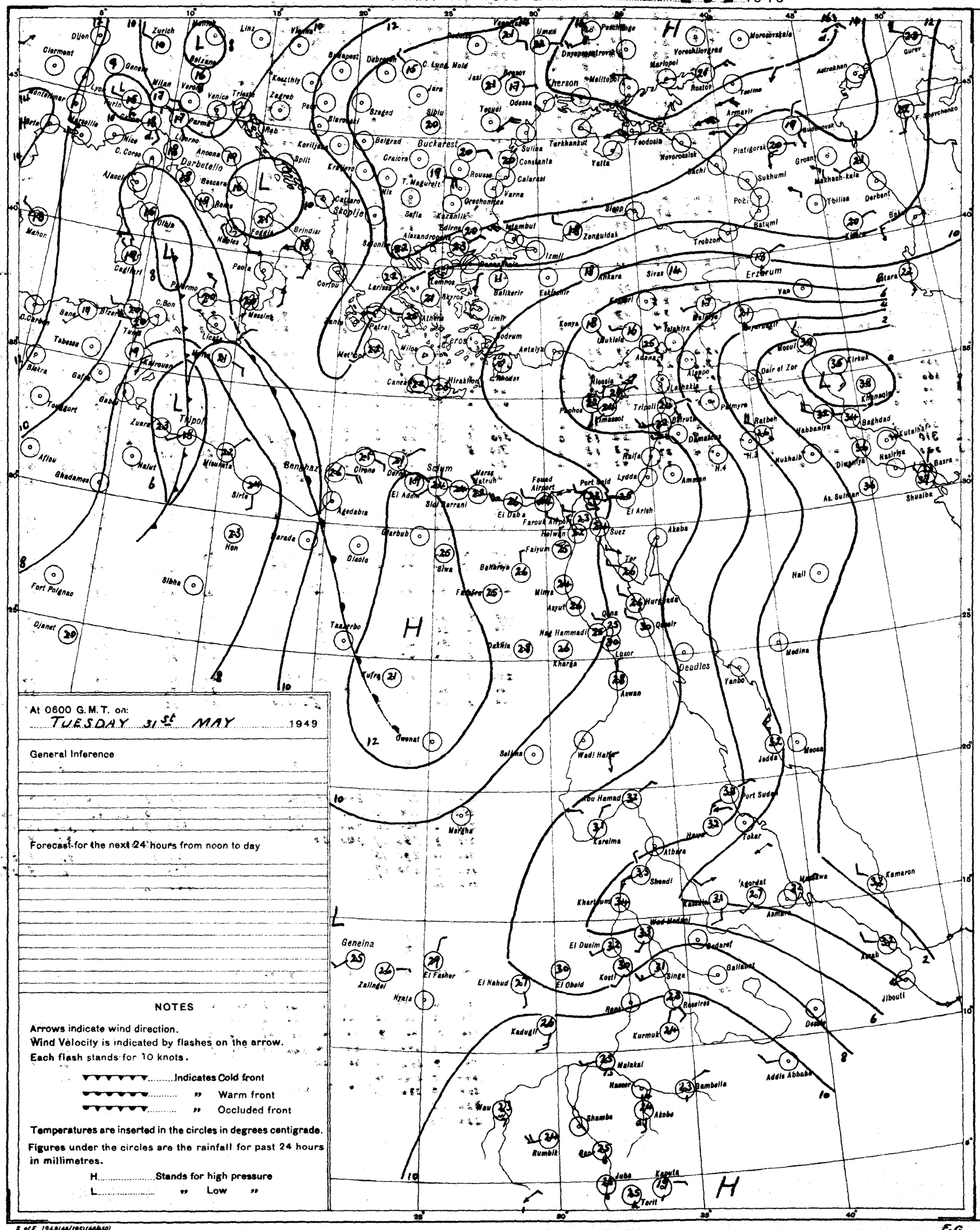
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 31 - 5 - 1949



At 0600 G.M.T. on:
TUESDAY 31st MAY 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ Indicates Cold front
▼▼▼▼▼▼ " Warm front
▼▼▼▼▼▼ " Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H Stands for high pressure
L " Low "

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	" or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	" " hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
" " hail		87
Rain / Hail	Thunderstorm during the past hour	91
		93
Thunderstorm with rain		95
" " hail		96
" " Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze (vis less than 1000 m.)	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

Cloudless		—
Cirrus	Ci	1
Cirrostratus	Cs	2
Cirrocumulus	Cc	3
Altocumulus	Ac	4
Altostratus	As	5
Stratocumulus	Sc	6
Nimbostratus	Ns	7
Cumulus or Fractocumulus	Cu or Fc	8
Cumulonimbus	Cb	9
Stratus or Fractostratus	St or Fs	0

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th " " "	2
3/8 " " " "	3
4/8 " " " "	4
5/8 " " " "	5
6/8 " " " "	6
7/8 " " " "	7
Sky completely covered	8
" obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1948(44/195)(44/650)

SCALE 1:15,000,000

F.G.

CAIRO
Time of Sunrise 02 54 G. M. T.
" " Sunset 16 51 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: Wednesday 1st June, 1949

At 1200 on Tues. 31st

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	40	7	7	02	0	0	—	10.4	30	59	21
	62303	SÎDI BARÂNI	360	8	50	02	0	0	—	10.8	24	83	21
	62306	MATRÛH	30	7		00	0	0	—	10.8	26	74	21
	62309	EL DABA	320			00	0	0	—		27	84	24
		ALEXANDRIA	270	6	50	00	0	0	—	11.0	24	74	19
	62318	FOUAD (Airport)	300	13	14	00	0	0	—	10.6	26	55	16
	62330	DAMIETTA	360	2	15	00	0	0	—	7.8	26	55	16
	62333	PORT SA'ÎD	350	14	30	03	0	1	Cu	10.4	25	58	16
	62336	EL 'ARISH	320	3	35	01	0	0	—	11.2	25	70	19
Lower Egypt	62339	DAMANHUR	360	9	15	02	0	0	—	10.4	30	35	13
	62342	MANSURA	320	9	35	01	0	1	Cu		32	24	9
	62348	TANTA	210	8	35	01	1	3	Cu	10.6	32	28	11
	62354	ZAGAZIG	220	5	15	00	0	0	—	10.4	33	30	13
	62441	ISMA'ILIA	320	6	15	03	1	3	Cu,Sc	9.3	33	16	4
Cairo Area	62366	FAROUK (Airport)											
	62372	ALMÂZA	270	6	30	03	0	1	Cu	9.5	32	21	5
		EZBEKÎYA	330	5	35	00	0	0	—	9.9	32	24	9
		GÎZA	330	5	35	00	0	0	—	10.2	33	16	3
	62378	HELWÂN	320	18	35	02	0	1	Cu	9.4	32	15	2
Upper Egypt	62381	FAIYÛM	20	2	35	02	0	0	—	9.6	32	20	6
	62387	MINYA	30	11	14	00	0	0	—	9.8	33	20	7
	62393	ASYÛT MANQABÂD	320	3	30	00	0	0	—	9.0	33	12	0
	62399	NAG' HAMMÂDI	270	3	7	00	0	0	—	8.2	34	18	6
	62402	QENA	270	5	50	00	0	0	—	7.9	36	17	7
	62405	LUXOR	270	16	30	00	0	0	—	8.1	35	12	1
	62414	ASWÂN	340	5	50	00	0	0	—	7.0	37	13	5
Oases	62417	SÎWA	140	3	35	00	0	0	—	11.1	35	56	25
	62420	BAHARÎYA	360	2	35	02	0	0	—	9.5	33	16	4
	62423	FARAFRA	360	4	35	02	0	0	—	10.7	33	12	0
	62432	DAKHLA	320	3	50	00	0	0	—	9.1	35	19	8
	62435	KHARGA	00	0	35	00	0	0	—	9.0	35	19	8
Red Sea	62450	SUEZ	180	5	35	02	0	0	—	8.3	31	38	15
	62459	TÛR	310	3	50	00	0	0	—	8.0	30	57	21
	62462	HURGHÂDA	360	5		00	0	0	—	8.2	30	52	19
	62465	QUSEIR	40	9	15	02	0	0	—	8.4	29	66	22
	62641	PORT SÛDÂN	40	22	4	07	1	4	Ci,Cs	5.9	36	20	10
North Sudan	62600	WÂDI HALFA	320	5	50	00	0	0	—	6.1	37	12	3
	62640	ABU HAMAD	150	2	30	01	1	0	—	4.1	39	13	6
	62660	KAREIMA	310	20	30	00	1	0	—	4.5	40	8	0
	62680	'ATBARA	20	5	30	03	1	6	Ac	2.0	41	17	11
	62721	KHARTÛM	360	7	10	03	1	7	Ac,Cs	2.7	41	13	7
	62730	KASSALA	180	2	30	03	0	6	Ac	0.9	41	22	15
Central Sudan	62751	WÂD MEDANI	360	5	35	00	0	0	—		41	13	7
	62801	RENK	230	7	50	01	1	4	Cu	2.5	35	39	19
	62802	ROSEIRES	200	2	35	13	1	4	Sc,As		37	33	18
	62771	EL OBEID	320	3	30	03	0	8	Ac,Ci	3.3	39	14	7
	62760	EL FÂSHER	50	6	30	02	1	6	Cu		38	15	7
	62770	GENEINA	130	7	30	02	1	7	Ac		35	18	7
S. Sudan	62840	MALAKÂL	160	6	30	03	2	7	Cu,Ac	6.8	31	62	23
	62880	WÂU	160	4	30	02	1	6	Ac	6.3	31	49	19
	62941	JUBA	20	5	30	15	2	6	Cu,Ac,Cs	5.6	31	59	22

At 1800 on Tues. 31st

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
SALÛM	290	3	7	03	0	2	Ac	9.9	22	83	19	0
SÎDI BARÂNI	290	5		03	0	1	As				21	0
MATRÛH												
EL DABA	320	10		00	0	0	—		26	84	23	0
ALEXANDRIA	40	3	3	00	0	0	—	11.1	21	74	16	0
FOUAD (Airport)	360	10	12	00	0	0	—	10.2	21	88	19	0
DAMIETTA	320	5		02	0	0	—	9.8	22	83	19	0
PORT SA'ÎD	350	13	18	02	0	0	—	10.1	23	65	16	0
EL 'ARISH			7	02	0	0	—		22	74	17	0
DAMANHUR	40	5	7	02	0	0	—	10.2	23	65	16	0
MANSURA	360	5	3	00	0	0	—	10.7	24	61	16	0
TANTA	310	2	35	02	1	0	—	10.8	24	38	9	0
ZAGAZIG	230	5	3	00	0	0	—	10.2	25	47	13	0
ISMA'ILIA	20	5	7	02	0	0	—	10.3	25	47	13	0
FAROUK (Airport)												
ALMÂZA	360	9	18	00	0	0	—	9.6	28	27	7	0
EZBEKÎYA	360	1	15	00	0	0	—	9.9	27	37	11	0
GÎZA	360	1	15	00	0	0	—	9.7	27	31	8	0
HELWÂN	340	13	15	00	0	0	—	9.5	28	22	4	0
FAIYÛM	00	0	35	02	0	0	—	9.0	27	62	19	0
MINYA	00	0	12	00	0	0	—	9.6	27	33	9	0
ASYÛT MANQABÂD												
NAG' HAMMÂDI	00	0	7	00	0	0	—	8.2	26	48	14	0
QENA	270	5	7	00	0	0	—	7.8	30	21	5	0
LUXOR	320	3	12	00	0	0	—	7.7	30	22	6	0
ASWÂN	00	0	50	00	0	0	—	7.6	34	11	-1	0
SÎWA	00	0	35	00	0	0	—	11.1	31	66	24	0
BAHARÎYA	00	0	15	02	0	0	—	10.0	28	27	7	0
FARAFRA	90	3	15	02	0	0	—	9.6	28	22	4	0
DAKHLA	320	3	35	00	0	0	—	9.0	31	22	7	0
KHARGA	00	0	15	00	0	0	—	9.3	29	29	9	0
SUEZ	360	7	7	02	0	0	—	9.5	27	52	16	0
TÛR	310	2	50	00	0	0	—	7.9?	30	40	15	0
HURGHÂDA	280	8		00	0	0	—	8.3	27	70	21	0
QUSEIR	140	5	15	02	0	0	—	8.6	26	62	18	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Wednesday 1st June.

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	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	70	2	7	01	0	0	—	8.6		26	30		17		42	12	0		
SÎDI BARÂNI	140	5		02	0	0	—	9.5		27	26		17		52	16	0	279	
MATRÛH	180	6	4	00	0	0	—	10.3		26			16		23	3	0		
EL DABA	140			00	0	0	—			27	27		14		20	2	0		
ALEXANDRIA	130	9	50	00	0	0	—	11.1	-2.5	23	25	-2	18	-1	41	15	0	267	186
FOUAD (Airport)	170	10	12	00	0	0	—	11.4		23	26		15		65	16	0	265	138
DAMIETTA	160	2		02	0	0	—	12.2	-0.3	24	27		16		74	19	0	319	106
PORT SA'ÎD	240	2	18	02	0	0	—	12.0		25	28		20		61	17	0	72	
EL 'ARISH			35	02	0	0	—	12.3	-0.4	24	28	0	22	+6	69	18	0		94
DAMANHUR	230	9	7	02	0	0	—	11.5	-1.7	25	31	0	17	0	54	15	0	102	101
MANSURA	140	5	35	00	0	0	—	11.9	-0.8	26	33	0	17	-1	74	21	0	49	55
TANTA	180	2	35	02	0	0	—	11.4	-1.8	25	33	-1	15	-1	61	17	0	34	44
ZAGAZIG	40	5	7	00	0	0	—	11.9	-1.0	26	34	+1	17	0	55	16	0	21	27
ISMA'ILIA	140	2	7	02	0	0	—	1.8		26	33		18		55	16	0	14	
FAROUK (Airport)	310	2	15	00	0	0	—	11.0		25					54	15	0		
ALMÂZA	00	0	12	00	0	0	—	11.1	-1.5	28	33		18		33	10	0		
EZBEKÎYA	00	0	15	00	0	0	—	11.6	-1.0	27	33	-1	18	0	52	16	0	8	26
GÎZA	00	0	15	00	0	0	—	11.5	-1.1	28	34	0	15	-1	45	15	0	16	26
HELWÂN	20	3	7	06	0	0	—	11.2	-1.3	25	32	-2	19	0	42	11	0	16	29
FAIYÛM	00	0	35	02	0	0	—	11.8	-0.6	26	34	-1	18	-1	42	12	0	8	8
MINYA	00	0	10	00	0	0	—	11.7		26	33		15		42	12	0	5	
ASYÛT MANQABÂD	00	0	30	00	0	0	—	11.5		28	34		20		25	6	0	dr.	
NAG' HAMMÂDI	00	0	3	00	0	0	—	10.2	+0.3	28	36		16		40	13	0	0	
QENA	320	2	35	00	0	0	—	10.8	+0.9	26	38	-2	21	-1	37	10	0	dr	
LUXOR	00	0	30	00	0	0	—	10.3		30	37		20		22	6	0	dr	
ASWÂN	20	3	50	00	0	0	—	10.4	+0.5	28	38	-3	24	-1	42	14	0	2	
SÎWA	110	6	35	00	0	0	—	9.8	-4.1	25	36	0	19	+1	61	17	0	1	8
BAHARÎYA	90	2	35	02	0	0	—	10.6	-2.2	29	35	-1	18	0	23	6	0	dr	7
FARAFRA	240	2	35	02	0	0	—	11.6		24	35		16		26	3	0		
DAKHLA	00	0	35	00	0	0	—	11.0	-0.6	25	35	-4	18	-3	34	8	0	dr	
KHARGA	00	0	35	00	0	0	—	11.2	+0.9	23	36	-3	19	-4	61	15	0	0	
SUEZ	00	0	35	00	0	0	—	12.0	+0.1	27	35	+1	19	-1	58	18	0	12	17
TÛR	310	2	35	00	0	0	—	10.4	+0.7	26	30	-2	18	-4	55	16	0	dr	13
HURGHADA	00	0		00	0	0	—	11.1		26	31		20		62	18	0	7	
QUSEIR	330	7	15		0	0	—	10.4	+0.8	29	31	-1	25	0	79	12	0	0	4
PORT SÛDÂN	10	16	50	18	2	7	Cs	8.3		35	37		23		50?	23?	0	35	97
WÂDI HALFA	360	1	30	00	0	0	—	9.8		28	39		22		20	3	0	14	
ABU HAMAD	50	13	30	00	1	0	—	8.2		32	41		26		14	1	0		
KAREIMA	70	10	30	00	0	0	—	8.0		31	41		26		12	-1	0	5	2
'ATBARA	20	5	30	02	1	6	Ac	6.4		31	42		25		21	6	0	8	7
KHARTÛM	20	10	30	01	1	1	Ac	5.6		34	42		28		20	6	0	13	8
KASSALA	180	5	30	00	0	0	—	5.8		33	41		25		22	14	0	44	24
WÂD MEDANI	310	5	50	00	0	0	—	5.3		33	42		24		23	9	0	71	25
RENK	230	9	35	00	0	0	—			31	37		22		55	21	0		90
ROSEIRES	130	9	35	00	0	0	—			30	37		26		52	19	0	64	113
EL OBEID	00	0	30	01	1	2	Ac	6.8		31	40		25		24	8		83	36
EL FÂSHER	30	5	30	00	0	2	Ac,Ci			27	39		23		28	7	0	18	16
GENEINA	160	1	30	00	0	2	Ci			25	36		23		61	17	0		29
MALAKÂL	230	4	30	03	2	7	Ac	9.1		26	32		23		84	23	0	372	200
WÂU	170	8	30	02	1	8	Ac,Cs	9.8		26	33		25		79	22	0	619	373
JUBA	250	5	30	02	6	8	St,As	12.1		23	32		22		74	22	2	356	464

HUMIDITY % Mean of day

Station	on 31st	Diff. from normal
Alexandria	76	+5
Ezbekiya	45	-6
Giza	41	-9
Helwân	43	+4

GÎZA GRASS MINIMUM TEMP. ON 1st June 9.3c

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. feet	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — ..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. feet	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. feet	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. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 31st May,

Height m.	Foud A.P. Dir.	Vel.	Port Said Dir.	Vel.	Munya Dir.	Vel.
	15		15		15	
300	330	23	330	16	10	18
600	320	23	240	16	20	19
1000	300	21	280	14	10	22
1500	280	29	280	16	10	25
2000					350	21
3000					310	19
4000						
5000						
6000						
7000						
8000						

UPPER WIND OBSERVATIONS on 1st June.

Height m.	Sîdi Barâni Dir.	Vel.	Matrûh Dir.	Vel.	Fouad Airport Dir.	Vel.	Port Sa'îd Dir.	Vel.	El 'Arîsh Dir.	Vel.	Helwân Dir.	Vel.	Minya Dir.	Vel.	Asyût Manqabâd Dir.	Vel.	Luxor Dir.	Vel.	Aswân Dir.	Vel.	Hurghada Dir.	Vel.	Farouk A.P. Dir.	Vel.
			4		4		4				6	45	3						5		9		4	
300			130	20	130	9	180	2			290	3	10	14					360	4	350	18	20	4
600			160	17	100	14	150	4			80	4	20	15					30	15	340	9	10	7
1000			220	10	110	3	280	7			270	2	20	15					40	18	330	14	330	9
1500			230	12	290	15	310	17			290	13	20	16					10	6	320	13	200	17
2000					110	3					300	18	20	16					270	9			310	24
3000																							320	15
4000																								
5000																							270	12
6000																							250	24
7000																								
8000																								

Height m.	Sîwa Dir.	Vel.	Bahariya Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Wâdi Halfa Dir.	Vel.	Abû Hamad Dir.	Vel.	Kareima Dir.	Vel.	Khartûm Dir.	Vel.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fâsher Dir.	Vel.	Malakâl Dir.	Vel.
	4	30	5		5		4	30			3	30			4								3	30
300	150	24	130	20	90	6	30	10																
600	150	24	140	25	100	10	20	12			30	24			10	17							220	15
1000	160	20	160	14	100	16	360	7			30	25			10	26							230	12
1500	190	11	210	6	100	23	330	12			40	10			40	11							210	11
2000	230	16	360	3							240	3			60	12							340	7
3000	260	30	330	22							210	15			110	10							40	20
4000	300	30																						
5000																								
6000																								
7000																								
8000																								

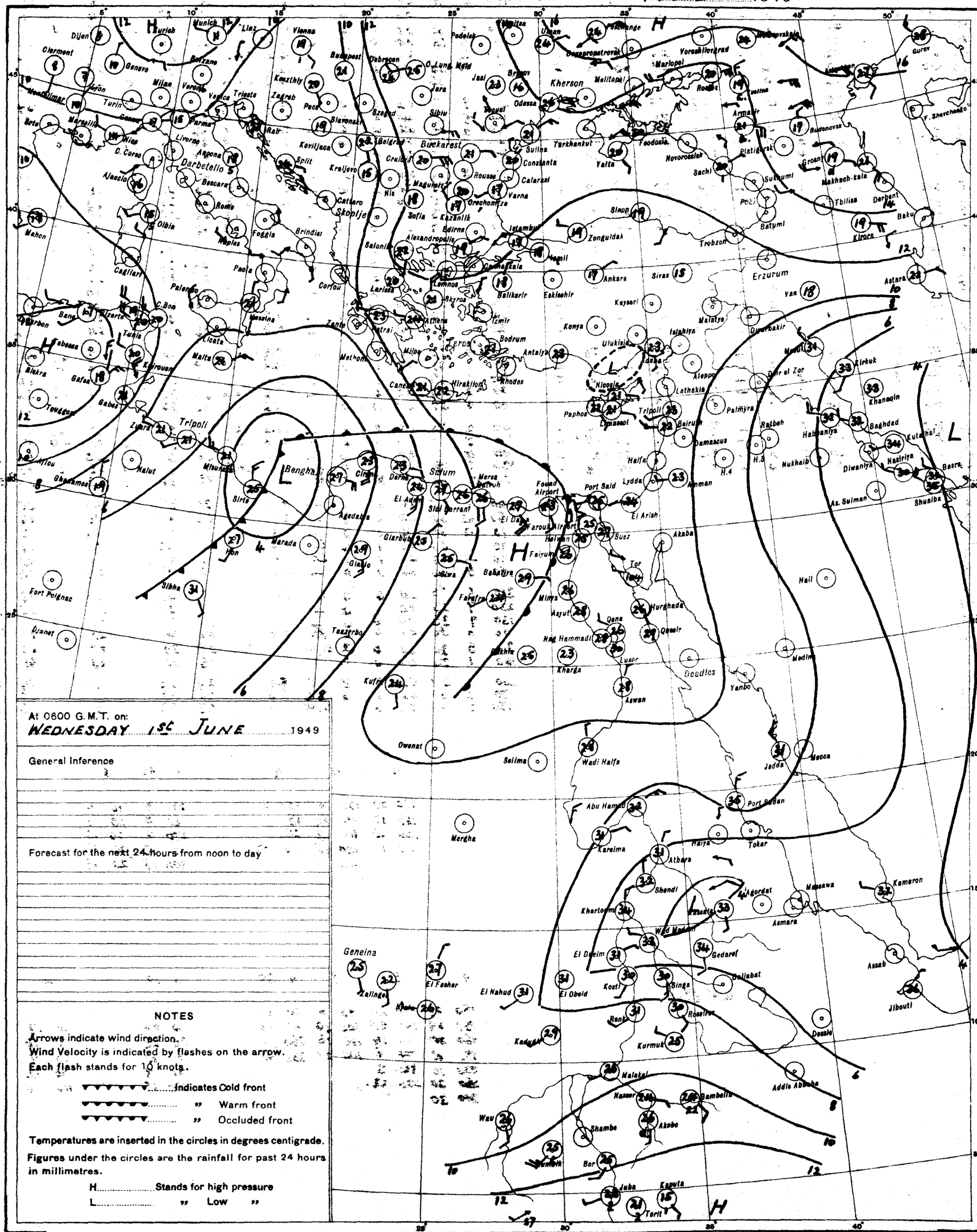
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 1-6- 1949


Dijon
Clermont
Zurich
Munich
Linz
Vienna
Genève
Milan
Verona
Venice
Trieste
Zagrab
Pecs
Budapest
Debrecen
O. Lung. Mold
Jassy
Brasov
Odessa
Kherson
Melitopol
Marlopol
Voroshilovgrad
Rostov
Armavir
Budenovsk
Gurev
F. Shevchenko
Turin
Marseille
Nice
C. Corso
Livorno
Parma
Rab
Keszthely
Keviljaca
Split
Kraljevo
Belgrad
Bucharest
Craiova
Constanta
Rousse
Calarasi
Varna
Sulina
Tarkhankut
Yalta
Feodosia
Novorossiysk
Sochi
Sukhumi
Poti
Batumi
Groznyi
Makhach-kala
Tbilisa
Derbent
Baku
Kirovo
Darbetello
Ajaccio
Bescara
Rome
Olbia
Ancona
Foggia
Brindisi
Naples
Cattaro
Skoplje
Nis
Sofia
Kazanlik
Edirne
Istanbul
Alexandropolis
Salonika
Orechovitza
Magurele
Sinop
Zonguldak
Trabzon
Erzurum
Astara
Yan
Mahon
Cagliari
Palermo
Paola
Messina
Corfou
Larissa
Lemnos
Skyros
Athens
Balikesir
Eskisehir
Ankara
Siras
Kayseri
Malatya
Diyarbakir
Mosul
Kirkuk
Khanaqin
Baghdad
Kut-al-Amara
Basra
Shuaiba
Bone
Bizerta
Tunis
Tebessa
Biskra
Gafsa
Gabes
Tripoli
Kairouan
Malta
Licata
Methoni
Canea
Hirakliion
Rhodes
Bodrum
Antalya
Mersin
Tarsus
Izmir
Konya
Ulukisla
Adana
Nicosia
Paphos
Lathakia
Aleppo
Dair el Zor
Palmyra
Tripoli
Beirut
Damascus
Ratbah
H.3
H.4
Nukhaib
Habbaniya
Diwaniya
Nasiriya
As. Suiman
Zuara
Nalut
Ghadames
Benghazi
Sirte
Misurata
Darna
Cirene
Agedabia
Marada
Giarbub
Giado
Sidi Barrani
El Adem
Mersa Matruh
Fouad Airport
Port Said
Lydda
Amman
El Arish
Suez
Akaba
Farouk Airport
Helwan
Faiyum
Beni Suef
Giza
Fashoda
Minya
Asyut
Qena
Nag Hammadi
Luxor
Kharga
Hurghada
Qusair
Tor
Aswan
Wadi Halfa
Abu Hamed
Port Sudan
Tokar
Haiya
Atbara
Kareima
Shendi
Khartoum
Kassala
Wad Madani
Gedaref
Aqordat
Massawa
Asmara
Kamaron
Assab
Jibouti
Dessie
Addis Ababa
Gambella
Malakal
Nasser
Akobo
Shambe
Bor
Juba
Kapoeta
Torit
Wau
Kurmuk
Roseires
Kosti
Singa
El Obeid
El Daein
El Fasher
El Nahud
Zalingei
Geneina
Kadugli
Renk
Mergha
Owenat
Selima
Kufra
Sebha
Tazerbo
Djanet
Fort Poignac
Hail
Medina
Mecca
Jedda
Yanbo
Deadlos
Port Sudan
Tripoli
Benghazi
Sirte
Malta
Licata
Messina
Palermo
Cagliari
Mahon
Bone
Bizerta
Tunis
Tebessa
Biskra
Gafsa
Gabes
Kairouan
Tripoli
Zuara
Nalut
Ghadames
Misurata
Sirte
Marada
Giado
Sebha
Fort Poignac
Djanet
Tazerbo
Kufra
Owenat
Selima
Mergha
Geneina
Zalingei
El Fasher
El Nahud
El Obeid
El Daein
Kosti
Singa
Gedaref
Kassala
Kurmuk
Roseires
Renk
Kadugli
Malakal
Nasser
Gambella
Akobo
Shambe
Bor
Juba
Kapoeta
Torit
Wau
Addis Ababa
Dessie
Jibouti
Assab
Massawa
Asmara
Kamaron
Aqordat
Shendi
Khartoum
Wad Madani
Gedaref
Kassala
Atbara
Haiya
Tokar
Port Sudan
Jedda
Mecca
Yanbo
Medina
Hail
Deadlos
Aswan
Luxor
Qena
Hurghada
Qusair
Tor
Minya
Asyut
Nag Hammadi
Kharga
Beni Suef
Giza
Fashoda
Faiyum
Helwan
Farouk Airport
Suez
Akaba
Amman
Lydda
Port Said
El Arish
Fouad Airport
Mersa Matruh
Sidi Barrani
El Adem
Darna
Cirene
Agedabia
Giarbub
Giado
Marada
Misurata
Sirte
Benghazi
Zuara
Nalut
Ghadames
Tripoli
Beirut
Damascus
Palmyra
Ratbah
H.3
H.4
Nukhaib
Habbaniya
Baghdad
Kut-al-Amara
Basra
Shuaiba
Diwaniya
Nasiriya
As. Suiman
Aleppo
Dair el Zor
Lathakia
Paphos
Nicosia
Adana
Ulukisla
Konya
Mersin
Tarsus
Izmir
Bodrum
Antalya
Rhodes
Hirakliion
Canea
Methoni
Malta
Licata
Messina
Palermo
Cagliari
Mahon
Bone
Bizerta
Tunis
Tebessa
Biskra
Gafsa
Gabes
Kairouan
Tripoli
Zuara
Nalut
Ghadames
Misurata
Sirte
Benghazi
Darna
Cirene
Agedabia
Marada
Giarbub

CAIRO

Time of Sunrise 02 54 G. M. T.

" " Sunset 16 52 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: THURSDAY 2nd JUNE, 1949

At 1200 on Wed 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											
	62803	SÎDI BARÂNI											
	62306	MATRŪH											
	62309	EL DABA									4		
		ALEXANDRIA	40	10	50	00	0	0	—	11.6	25	70	19
	62318	FOUAD (Airport)	20	11	14	02	0	0	—	11.2	31	38	15
	62330	DAMIETTA	70	2	15	00	0	0	—	11.5	29	46	16
	62333	PORT SA'ID	40	10	18	02	0	0	—	12.1	26	62	18
	62336	EL 'ARISH	360	3	35	02	0	0	—	13.0	25	70	19
Lower Egypt	62339	DAMANHUR	270	5	15	02	0	0	—	11.4	34	22	9
	62342	MANSURA	40	5	35	00	0	0	—	10.8	34	18	6
	62348	TANTA	310	2	35	02	0	0	—	11.6	34	22	9
	62354	ZAGAZIG	220	2	15	00	0	0	—	11.5	35	29	14
	62441	ISMA'ILIA	290	2	15	02	0	0	—	10.8	35	15	5
Cairo Area	62366	FAROUK (Airport)	290	7	30	00	0	0	—	11.2	34	27	12
	62372	ALMAZA	330	7	30	00	0	0	—	10.5	34	18	6
		EZBEKIYA	360	3	35	00	0	0	—	10.7	35	20	8
		GIZA	360	3	35	00	0	0	—	11.0	35	15	5
	62378	HELWÂN	320	8	50	02	0	0	—	10.7	34	14	3
Upper Egypt	62381	FAIYUM	330	5	35	02	0	0	—	10.6	35	19	8
	62387	MINYA	20	5	12	00	0	0	—	10.4	37	13	4
	62393	ASYUT MANQABAD	340	3	30	00	0	0	—	9.9	37	5	-2
	62399	NAG' HAMMADI	00	0	7	00	0	0	—	8.8	36	17	7
	62402	QENA	360	2	50	00	0	0	—	9.0	37	14	6
	62405	LUXOR											
	62414	ASWÂN	20	3	50	00	0	0	—	9.0	36	14	5
Oases	62417	SIWA	110	17	35	00	0	0	—	9.8	40		
	62420	BAHARIYA	270	2	35	02	0	2	Ac	9.3	38	13	5
	62423	FARAFRA	130	3	35	02	0	0	—	9.9	39	11	3
	62432	DAKHLA	290	3	50	00	0	0	—		37	14	6
	62435	KHARGA	00	0	35	00	0	0	—	9.5	36	20	10
Red Sea	62450	SUEZ	180	4	35	02	0	0	—	9.6	31	31	12
	62459	TÛR	310	8	35	00	0	0	—	11.0	30	52	19
	62462	HURGHADA	340	6		00	0	0	—	10.2	29	59	20
	62465	QUSEIR	360	13	15	02	0	0	—	10.2	30	40	15
	62641	PORT SUDAN	30	23	4	07	1	3	Cc	6.6	35	30	15
North Sudan	62600	WÂDI HALFA	360	6	50	00	0	0	—	7.6	39	8	-2
	62640	ABU HAMAD	360	3	30	02	2	8	Ac	4.8	41	10	3
	62660	KAREIMA	340	7	30	00	0	0	—	5.0	41	5	-5
	62680	'ATBARA	50	5	30	03	2	3	Ac.C	3.0	41	8	1
	62721	KHARTUM											
	62730	KASSALA	00	0	30	02	1	3	Cu	1.3	41	18	12
Central Sudan	62751	WÂD MEDANI											
	62801	RENK	230	5	50	01	0	0	—	0.8	35	44	21
	62802	ROSEIRES	200	2	35	01	0	2	Ac		38	33	18
	62771	EL OBEID	20	9	30	02	0	2	Cu	2.4	29	29	9
	62760	EL FÂSHER	90	2	30	01	1	4	Ac		37	17	8
	62770	GENEINA	230	1	30	00	0	1	Cu, Ac		40	13	3
S. Sudan	62840	MALAKÂL	80	7	30	02	2	7	Cu	7.0	32	63	24
	62880	WÂU	180	7	30	02	1	8	Cu	7.8	31	55	21
	62941	JUBA	230	5	10	61	6	8	Sc	10.7	25	88	23

At 1800 on 1st

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	360	5	7	01	0	0	—	7.1	24	69	18	0
SÎDI BARÂNI	90	11	25	03	2	8	Cc	7.0	23	84	20	0
MATRŪH	130	9	12	00	1	2	Sc	9.0	23	74	18	
EL DABA	270	10		00	0	0	—					0
ALEXANDRIA	130	20	7	00	0	0	—	11.8	23	61	15	0
FOUAD (Airport)	70	13	14	02	0	0	—	11.0	24	61	16	0
DAMIETTA	70	2		02	0	0	—	13.1	23	83	20	0
PORT SA'ID	60	15	15	02	0	0	—	12.7	23	83	20	0
EL 'ARISH			7	02	0	0	—	12.7	22	74	17	0
DAMANHUR	230	7	15	02	0	0	—	11.8	25	47	13	0
MANSURA	360	5	3	00	0	0	—	12.4	25	54	15	0
TANTA	00	0	35	02	0	0	—	12.1	29	35	12	0
ZAGAZIG	40	5	3	02	0	0	—	12.4	26	55	16	0
ISMA'ILIA	40	2	15	02	0	0	—	12.4	27	33	9	0
FAROUK (Airport)												
ALMAZA												
EZBEKIYA	70	8	15	00	0	0	—	11.9	29	33	11	0
GIZA	70	8	15	02	0	0	—	11.8	31	28	10	0
HELWÂN	360	8	35	02	0	0	—	11.1	31	22	7	0
FAIYUM	00	0	35	02	0	0	—	10.7	30	40	15	0
MINYA	40	6	10	02	0	1	Cc	10.8	28	33	10	0
ASYUT MANQABAD												
NAG' HAMMADI												
QENA	320	2	7	00	0	0	—	7.3	30	25	8	0
LUXOR	00	0	12	00	0	0	—	9.0	32	22	8	0
ASWÂN	00	0	50	00	0	0	—	9.3	33	14	2	0
SIWA	00	0	7	00	0	0	—	12.2	35	63	27	0
BAHARIYA	180	2	15	02	0	0	—	9.6	32	20	6	0
FARAFRA	130	3	15	02	1	1	Ac	7.1	32	15	2	0
DAKHLA	320	3	35	00	0	0	—	7.5	35	15	5	0
KHARGA	00	0	15	00	0	0	—	10.7	28	31	2	0
SUEZ	00	0	7	02	0	0	—	11.8	28	40	13	0
TÛR	20	5	15	00	0	0	—	12.0	28	56	18	0
HURGHADA	120	1		00	0	0	—	10.6	25	70	19	0
QUSEIR	330	9	15	02	0	0	—	10.2	27	62	16	0
PORT SUDAN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on THURSDAY 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.	Bar. Pressure Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	90	4	7	01	0	0	—	6.3		31	30		20		28	10	0		
SÎDI BARÂNI	160	15		01	2	7	Ac,Cc	7.1		32	34		20		43	18	0	278	
MATRŪH	240	19	18	00	0	0	—	8.2		32			18		16	3	0		
EL DABA	180			00	0	0	—			31			17				0		
ALEXANDRIA	130	11	50	00	0	0	—	11.6	-2.0	26	26	-2	21	+1	42	12	0	267	186
FOUAD (Airport)	140	14	15	02	0	0	—	11.4		28	32		20		37	12	0	265	138
DAMIETTA	140	2		02	0	0	—	12.4	0.0	28	30		20		58	19	0	319	106
PORT SA'ID	130	9	15	02	0	0	—	12.5		26	29		21		32	8	0	72	
EL 'ARISH	140	3	35	02	0	0	—	13.5	+0.9	22	26	-2	16	-1	65	15	0		94
DAMANHUR	180	19	7	02	0	0	—	11.8	-1.3	30	36	+5	19	+2	35	13	0	102	101
MANSURA	110	5	35	00	0	0	—	12.3	-0.4	31	37	+4	18	0	28	10	0	49	55
TANTA	130	2	35	02	0	0	—	12.7	-0.4	29	35	+1	17	0	35	12	0	34	44
ZAGAZIG	140	5	7	00	0	0	—	12.2	-0.6	30	36	+3	21	+4	35	13	0	21	27
ISMA'ILIA	160	2	7	02	0	0	—	12.3		31	35		21		28	10	0	14	
FAROUK (Airport)	130	15	18	00	0	0	—	11.8		33			26		28	13	0		
ALMAZA	150	15	12	00	0	0	—	11.7		33			26		24	10	0		
EZBEKIYA	00	0	15	00	0	0	—	11.6	-1.0	32	35	+1	18	-1	33	14	0	8	26
GIZA	00	0	15	00	0	0	—	11.5	-1.1	32	37	+3	17	+1	30	13	0	16	26
HELWÂN	90	11	15	00	0	0	—	11.8	-0.6	32	35	+1	26	+7	15	2	0	16	29
FAIYUM	00	0	35	02	0	0	—	10.6	-1.8	29	36	+1	19	0	29	9	0	8	8
MINYA	210	1	10	00	0	0	—	11.9		29	37		22		35	12	0	5	
ASYUT MANQABAD	00	0	30	00	0	0	—	11.7		32	37		24		15	2	0	dr	
NAG' HAMMADI	00	0	3	00	0	0	—	11.0	+1.1	28	38		18		40	13	0	0	
QENA	270	2	35	00	0	0	—	11.4	+2.6	29	39	-1	19	-3	25	7	0	dr	
LUXOR	20	4	30	00	0	0	—	10.9		31	38		19		21	6	0	dr	
ASWÂN	360	2	50	00	0	0	—	11.0	+1.2	28	38	-3	23	-2	27	7	0	2	
SIWA	00	0	25	00	0	0	—	8.0	-5.9	32	41	+5	24	+6	56	22	0	1	8
BAHARIYA	180	6	35	02	0	0	—	10.4	-2.6	34	39		25	+7	14	3	0	dr	7
FARAFRA	00	0	35	02	0	0	—	11.5		32	41		22		20	6	0		
DAKHLA	00	0	35	00	0	0	—	11.1	-0.4	28	38	-1	21	0	33	10	0	dr	
KHARGA	00	0	35	00	0	0	—	10.7	+0.4	32	37	-2	22	-1	28	11	0	0	
SUEZ	00	0	35	00	0	0	—	12.2	+0.4	30	35	+1	20	0	31	11	0	12	17
TÛR	310	9	35	00	0	0	—			28	34		24		59	19	0	dr	13
HURGHADA	00	0		00	0	0	—	11.5		27	29		22		55	17	0	7	
QUSEIR	360	13	15	02	0	0	—	10.8	+1.3	30	31	+1	24	-1	35	13	0	0	4
PORT SUDAN																		35	77
WÂDI HALFA	360	7	20	00	0	0	—	9.9		29	39		20		17	1	0	14	
ABU HAMAD						3	Cs	9.2		33	41		25		16	4			
KAREIMA	50	10	30	00	0	0	—	8.5		31	41		27		11	-3	0	5	2
'ATBARA	20	9	30	00	0	0	—	7.9		33	43		25		13	1	0	8	7
KHARTUM																		13	2
KASSALA																		44	24
WÂD MEDANI	230	9	50	02	1	7	Cc	10.2		26			18		70	20	dr	71	25
RENK	220	9	50		6	8				22	36		20		94	21	8		91
ROSEIRES	230	9	35	01	1	2				25					79	21	2	66	117
EL OBEID	120		30	03	0	4	Ac,Cc	10.0		26	40		24		62	18	0	83	37
EL FÂSHER																		18	16
GENEINA																			30
MALAKÂL			50	02	2		Sc	14.7		22	33		20		88	20	15	387	203
WÂU	00	0	30	02	1	8	As	11.2		24	33		21		79	20	dr	419	378
JUBA	200	5	30	00	6	8	As	12.6		23	25		21		94	22	11	367	469

HUMIDITY %

Mean of day

Station	on 1st	Diff. from normal
Alexandria	58	-14
Ezbekiya	39	-13
Giza	33	-17
Helwân	27	-12

GÎZA

GRASS MINIMUM TEMP.

ON 2nd 12.1 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ..... At .....

Pressure mbs.	Height above M.S.L. feet	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

Pressure mbs.	Height above M.S.L. feet	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. feet	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. feet	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 1st

Height m.	Matruh Dir.	Matruh Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	Port Said Dir.	Port Said Vel.	Minya Dir.	Minya Vel.
Time	14	45	15		14		15	30
300	110	15	320	5	30	19	10	20
600	180	12	290	8	310	12	10	21
1000	170	15	240	9	320	17	360	23
1500	180	20	210	21	290	21	360	21
2000	210	20	290	7			340	16
3000	230	17	290	14				
4000			300	24				
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 2nd

Station	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabad Dir.	Asyût Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Farouk Dir.	Farouk Vel.
Time	5		4	45	3		4				7		3				5	15	5		9		3	
300	360	27	190	43	130	28	120	11			130	15	100	19			330	6	10	4	340	10	120	14
600			200	27	160	23	160	3			140	4	100	20			340	7	30	13	310	6	90	7
1000			210	26	180	21	180	1			150	3	80	16			20	11	30	16	300	4	80	4
1500			210	14	200	17	360	2					90	16			250	19	10	16	10	12	310	9
2000													80	7			270	20	360	26	10	14	330	20
3000																							330	20
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time	4	30	5		5		4	30													4	45	3	30
300	40	17	160	17	140	6	60	4																
600	190	35	160	23	140	11	80	14															120	4
1000	190	36			160	14	80	13													100	3	210	15
1500	200	16					80	12													70	20	230	13
2000	190	6																						
3000																					180	3	320	6
4000																								
5000																								
6000																								
7000																								
8000																								

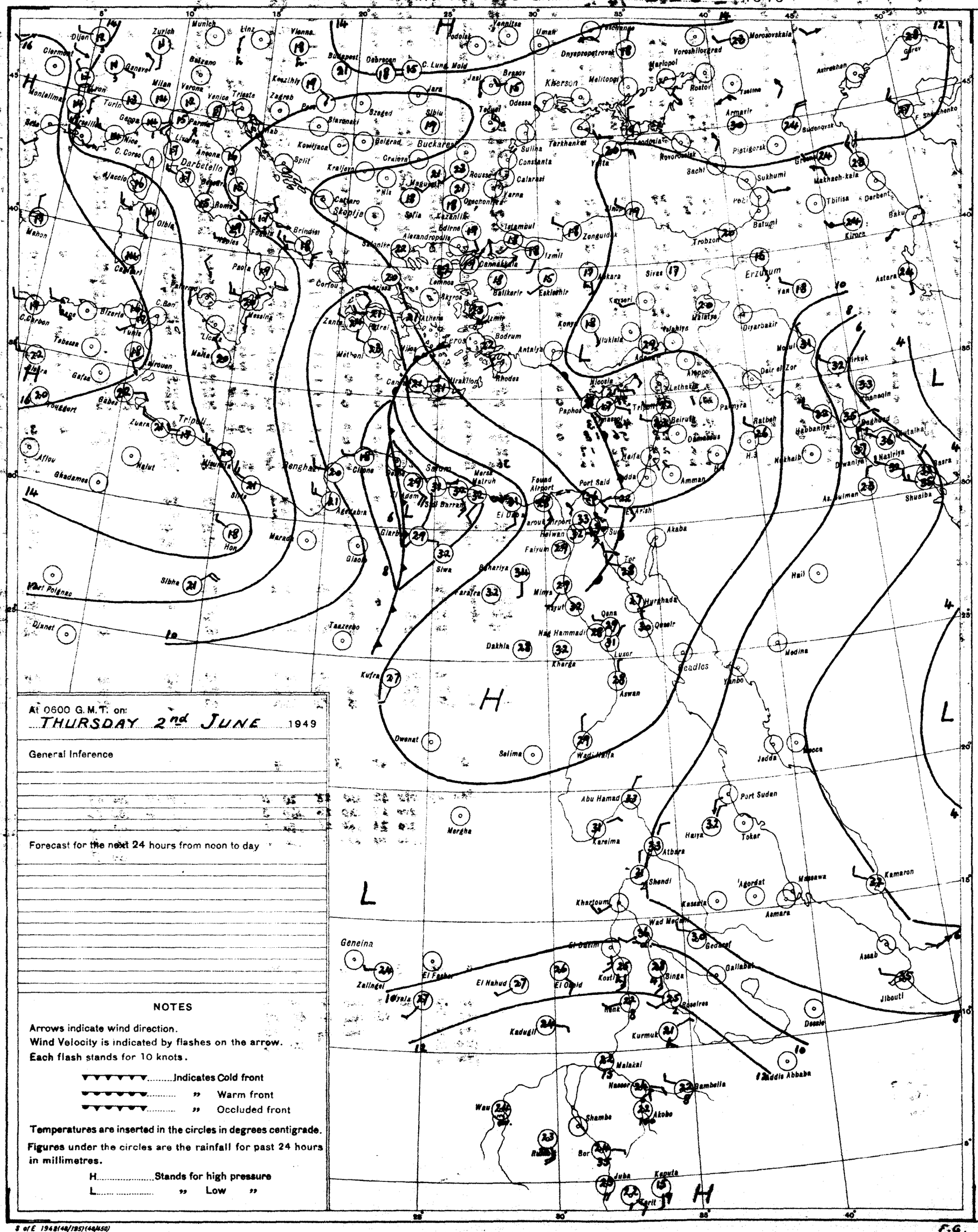
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 2 – 6 – 1949


Munich
Zurich
Linz
Vienna
Budapest
Debrecen
C. Luca
Kiev
Kherson
Odessa
Bucharest
Belgrad
Sofia
Istanbul
Ankara
Erzurum
Tbilisa
Baku
Batumi
Trabzon
Sivas
Van
Kirkuk
Mosul
Diyarbakir
Aleppo
Beirut
Damascus
Haifa
Amman
Port Said
Suez
Cairo
Alexandria
Tripoli
Benghazi
Siwa
Kufra
Tanzerbo
Dakhla
Kharga
Luxor
Aswan
Qena
Hurghada
Medina
Jedda
Mecca
Port Sudan
Tokar
Kassala
Khartoum
Wad Medani
Gedaref
Asmara
Massawa
Kamaron
Assab
Jibouti
Addis Abbaba
Gambella
Malakal
Kurmuk
Kadugli
Geneina
Zalingei
Nyala
El Fasher
El Nahud
El Obeid
Kosti
Singa
Roseires
Dessie
Gallabat
Atbara
Shendi
Kareima
Abu Hamad
Wadi Halfa
Dongola
Merga
Salima
Dongola
Akaba
Tor
Port Polonio
Djanet
Tripoli
Benghazi
Malta
Palermo
Rome
Naples
Marseille
Nice
Milan
Turin
Genova
Venice
Trieste
Zagreb
Belgrad
Sofia
Istanbul
Ankara
Athens
Rhodes
Crete
Cyprus
Beirut
Damascus
Amman
Jerusalem
Port Said
Suez
Cairo
Alexandria

CAIRO

Time of Sunrise 02 54 G. M. T.

" " Sunset 16 52 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: Friday 3rd June, 1949

At 1200 on Thurs. 2nd

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALŪM	250	10		09	3	0	—	4.7	42	22	16
	62303	SÎDI BARÂNI	200	15	35	05	3	3	cs	4.8	43	17	3
	62306	MATRŪH	310	3	30	00	0	0	—	4.3	39	17	10
	62309	EL DABA	180			00	3	0	—		40		
		ALEXANDRIA	00	0	50	00	0	0	—	9.4	36	17	7
	62318	FOUAD (Airport)	180	4	15	02	0	0	—	9.6	40	11	4
	62330	DAMIETTA	90	5	15	02	0	0	—	12.6	30	59	21
	62333	PORT SA'ID	60	13	30	02	0	0	—	12.7	26	70	20
	62336	EL 'ARISH	360	3	35	02	0	0	—	13.0	32	29	12
Lower Egypt	62339	DAMANHUR	130	5	15	02	0	0	—	10.8	40	19	12
	62342	MANSURA	40	2	35	00	0	0	—	11.4	40	15	9
	62348	TANTA	00	0	35	02	0	0	—	11.6	40	23	15
	62354	ZAGAZIG	40	2	15	00	0	0	—	12.4	38	24	14
	62441	ISMAÎLÎA	200	2	35	02	0	0	—	11.2	39	14	7
Cairo Area	62366	FAROUK (Airport)	100	3	30	00	0	3		11.3	39	17	10
	62372	ALMÂZA	200	11	30	00	0	0	—	10.4	40	19	12
		EZBEKÎYA	00	0	35	00	0	0	—	10.6	39	18	11
		GÎZA	00	0	35	00	0	0	—	11.0	40	15	9
	62378	HELWÂN	250	3	35	02	0	0	—	10.8	39	11	3
Upper Egypt	62381	FAIYŪM	00	0	35	02	0	0	—	10.7	39	17	10
	62387	MINYA	320	3	14	00	0	0	—	10.8	40	12	6
	62393	ASYŪT MANQABĀD	360	9	30	00	0	0	—	9.7	40	8	0
	62399	NAG' HAMMÂDI	40	2	15	00	0	0	—	7.9	40	15	9
	62402	QENA	200	9	50	00	0	0	—	7.5	41	8	0
	62405	LUXOR											
	62414	ASWÂN	340	10	50	00	0	0	—	7.6	39	11	3
Oases	62417	SÎWA	250	6	35	00	0	0	—	8.8	42		
	62420	BAHARÎYA											
	62423	FARAFRA	220	8	15	02	0	0	—	9.5	43	8	1
	62432	DAKHLA	00	0	50	00	0	0	—	7.9	42	22	16
	62435	KHARGA	00	0	35	00	0	0	—	9.4	40	19	12
Red Sea	62450	SUEZ	00	0	35	02	0	0	—	10.3	37	14	6
	62459	TÔR	310	9	35	00	0	0	—	9.6	32	24	9
	62462	HURGHÂDA	320	7		00	0	0	—	10.6	29	40	14
	62465	QUSEIR	360	13	15	02	0	0	—	10.0	32	38	16
	62641	PORT SŪDÂN											
North Sudan	62600	WÂDI HALFA											
	62640	ABU HAMAD											
	62660	KAREIMA											
	62680	'ATBARA											
	62721	KHARTŪM											
	62780	KASSALA											
Central Sudan	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID											
	62760	EL FÂSHER											
	62770	GENEINA											
S. Sudan	62840	MALAKÂL											
	62880	WÂU											
	62941	JUBA											

At 1800 on Thurs. 2nd

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALŪM	320	6	7	02	0	0	—	7.9	23	74	18	0
SÎDI BARÂNI	290	9	50	03	2	8	Sc,Cu	6.3	26	74	21	0
MATRŪH	230	15	10	00	0	0	—	7.0	26	55	16	0
EL DABA	180	10		00	3	0	—					0
ALEXANDRIA	130	10	7	00	0	0	—		30	35	13	0
FOUAD (Airport)	120	9	10	02	0	0	—	8.7	30	40	15	0
DAMIETTA	290	5		02	0	0	—	12.3	26	62	18	0
PORT SA'ID	90	20	15	02	0	0	—	12.4	25	78	18	0
EL 'ARISH	40	2	15	02	0	0	—		24	61	16	0
DAMANHUR	40	13	7	02	0	0	—	10.6	31	38	15	0
MANSURA	40	5	3	00	0	0	—	11.8	29	40	14	0
TANTA	00	0	35	02	0	0	—	11.6	38	27	16	0
ZAGAZIG	140	5	3	00	0	0	—	11.1	31	38	15	0
ISMAÎLÎA	90	2	15	02	0	0	—	11.6	32	20	6	0
FAROUK (Airport)												
ALMÂZA	90	12	30	00	0	0	—	10.4	36	20	10	0
EZBEKÎYA	00	0	15	00	0	0	—	10.3	30	33	12	0
GÎZA	00	0	15	00	0	0	—	11.2	32	26	10	0
HELWÂN	70	11	15	02	0	0	—	10.4	35	12	5	0
FAIYŪM	00	0	35	02	0	0	—	9.9	32	38	16	0
MINYA												
ASYŪT MANQABĀD												
NAG' HAMMÂDI	00	0	3	00	0	0	—	7.3	31	28	10	0
QENA	360	2	7	00	0	0	—	8.3	33	21	8	0
LUXOR	50	9	12	00	0	0	—	8.2	34	19	7	0
ASWÂN	00	0	50	00	0	0	—	7.9	36	10	0	0
SÎWA	00	0	7	00	0	0	—	9.1	38	53	27	0
BAHARÎYA	180	2	15	02	0	0	—	9.3	36	13	4	0
FARAFRA	130	3	7	02	0	0	—	8.2	32	20	6	0
DAKHLA	00	0	35	00	0	0	—		35	19	8	0
KHARGA	00	0	15	00	0	0	—	9.5	35	15	5	0
SUEZ	00	0	15	02	0	0	—	10.6	31	28	10	0
TÔR	310	4	15	00	0	0	—	9.6	29	37	13	0
HURGHÂDA	00	0		00	0	0	—	9.6	27	55	17	0
QUSEIR	330	9	15	02	0	0	—	9.3	30	35	13	0
PORT SŪDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTŪM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Friday 3rd June

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	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	10	7	03	0	1	Ac	11.5		23	42		18		65	16	0		
SÎDI BARÂNI	240	14	50	01	2	6	Sc,Cu	11.0		23	44		20		83	20	0	279	
MATRŪH	320	13	12	03	0	8	Sc	11.7		22	43		20		78	18	0		
EL DABA	320			01	1	5	Cu			21			20		83	18	0		
ALEXANDRIA	220	10	60	02	1		Cu,Ac	10.3	-3.2	24	40	+12	23	+3	83	21	0	267	186
FOUAD (Airport)	290	11	35	03	0	5	Sc	10.0		24	42		21		79	20	0	265	138
DAMIETTA	140	2		02	0	0	—	10.0		29	34		22		46	16	0	319	106
PORT SA'ID	160	6	15	02	0	0	—	10.5		29	31		25		55	19	0	72	
EL 'ARISH	220	4	35	02	0	0	—	11.0	-1.6	24	33	+5	17	0	69	18	0		94
DAMANHUR	290	6	7	02	0	0	—	9.5	-3.6	31	41	+8	23	+6	28	10	0	102	101
MANSURA	140	2	35	00	0	0	—	9.6	-3.0	32	40	+7	21	+3	24	9	0	49	55
TANTA	130	5	35	02	0	0	—	10.0	-3.1	34	40	+6	21	+4	22	9	0	34	44
ZAGAZIG	140	5	7	00	0	0	—	9.6	-3.2	33	39	+5	24	+7	30	13	0	21	27
ISMAÎLÎA	250	2	7	02	0	0	—	10.7		35	39		24		23	11	0	14	
FAROUK (Airport)																			
ALMÂZA	130	19	13	00	0	0	—	8.8	-3.8	37	40		32		27	15	0		
EZBEKÎYA	00	0	15	00	0	0	—	9.5	-3.1	34	39	+5	28	+9	28	12	0	8	26
GÎZA	00	0	15	00	0	0	—	9.8	-2.7	35	41	+7	23	+7	23	11	0	16	26
HELWÂN	110	11	15	00	0	0	—	9.4	-3.0	36	40	+6	31	+12	10	-1	0	16	29
FAIYŪM	00	0	35	02	0	0	—	10.3	-2.0	32	41	+6	22	+3	28	11	0	8	8
MINYA	190	1	12	00	0	0	—	10.2		31			21		31	12	0	5	
ASYŪT MANQABĀD	00	0	30	00	0	0	—	9.9		33	43		24		16	4	0	dr	
NAG' HAMMÂDI	00	0	3	00	0	0	—	9.8	0.0	31	41		21		38	15	0	0	
QENA	20	2	35	00	0	0	—	10.0	+0.3	31	42	+2	25	+3	22	7	0	dr	
LUXOR											42							dr	
ASWÂN	00	0	50	00	0	0	—	10.0	+0.3	31	41	0	25	0	31	12	0	2	
SÎWA	00	0	35	00	0	0	—	12.6	-1.3	24	43	+7	22	+4	69	18	0	1	8
BAHARÎYA	00	0	35	02	0	0	—	9.6	-3.4	34	43	+7	24	+6	22	9	0	dr	7
FARAFRA	40	2	15	02	0	0	—	9.5		30	43		21		21	5	0		
DAKHLA	00	0	35	00	0	0	—	10.7	-0.8	29	43	+4	23	+2	29	9	0	dr	
KHARGA	00	0	35	00	0	0	—	9.6	+0.7	36	40	+1	26	+3	24	12	0	0	
SUEZ	00	0	35	00	0	0	—	9.9	-1.9	31	40	+6	24	+4	28	10	0	12	17
TÔR	180	3	35	00	0	0	—	9.8		29	36		23		66	22	0	dr	13
HURGHADA	220	4		00	0	0	—	10.3		29	30		25		66	22	0	7	
QUSEIR	360	9	15	02	0	0	—	9.9	+0.5	31	34	+2	26	+1	38	15	0	0	4
PORT SŪDÂN	210	7	30	02	2	7	Sc,Ac,Cu	7.9		33	36		24		38	17	0	35	97
WÂDI HALFA	20	2	30	00	0	0	—	8.9		30	42		23		17	2	0	14	
ABU HAMAD	50	19	30	01	1	1	Ac	6.4		34	43		27		10	-2	0		
KAREIMA	20	4	30	00	0	1	Ac	7.1		31	42		25		12	-1	0	5	2
'ATBARA	230	2	30	00	0	0	—	7.6		32	43		24		36	15	0	8	7
KHARTŪM	220	4	30	01	1	1	Ac,Cu	8.4		31	40		28		46	18	0	12	8
KASSALA	180	13	30	03	0	3	Ac	7.6		34	42		23		36	17	0	44	25
WÂD MEDANI	230	5	50	00	0	0	—	8.4		32	38		26		41	17	0	71	26
RENK																			94
ROSEIRES	280	2	35	01	1	2	As			27	34		22		70	21	12	78	121
EL OBEID	220	11	30	02	2	5	Ac	9.9		29	36		26		52	18	0	83	38
EL FÂSHER	180	2	30	01	0	3	Ac			27	39		21		28	7	0	18	16
GENEINA	00	0	30	00	0	1	Ac			27	38		22		25	5	0		31
MALAKÂL	120	9	50	02	2	7	Ac	12.8		24	28		21		88	22	0	387	207
WÂU	00	0	30	01	2	7	Ac	11.4		24	31		23		83	21	0	419	383
JUBA	180	5	30	00	5	7	Sc,Ac	11.3		25	30		23		84	22	dr	367	474

HUMIDITY % Mean of day

Station	on 2nd	Diff. from normal
Alexandria	37	-35
Ezbekiya	31	-21
Giza	25	-26
Helwân	11	-28

GÎZA GRASS MINIMUM TEMP. ON 3rd 15.9 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. feet	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — On ..... At ..... AIRPORT

Pressure mbs.	Height above M.S.L. feet	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. feet	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. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on Thurs. 2nd

Station	Matruh				Foad A.P.				Port Said				Minya			
Time	14	15			15				14				15			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	180	31			120	16			90	16			340	16		
600	190	38			140	16			30	3			330	10		
1000					160	15			300	4			350	14		
1500					180	16			330	7			10	18		
2000					200	14			350	7						
3000									330	9						
4000									300	17						
5000									330	12						
6000																
7000																
8000																

UPPER WIND OBSERVATIONS on Fri. 3rd

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		
Time	5		4		4		4						3		9						9		
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300	300	15	320	15	220	24	140	26					360	16	80	5					00	0	
600	300	15			180	29	130	20					10	15	70	7					40	3	
1000					180	37	140	14					10	13	70	10					30	12	
1500					210	35	110	3					20	19	40	12					30	15	
2000					210	36	270	2					20	18	360	12							
3000															350	16							
4000															350	26							
5000																							
6000																							
7000																							
8000																							

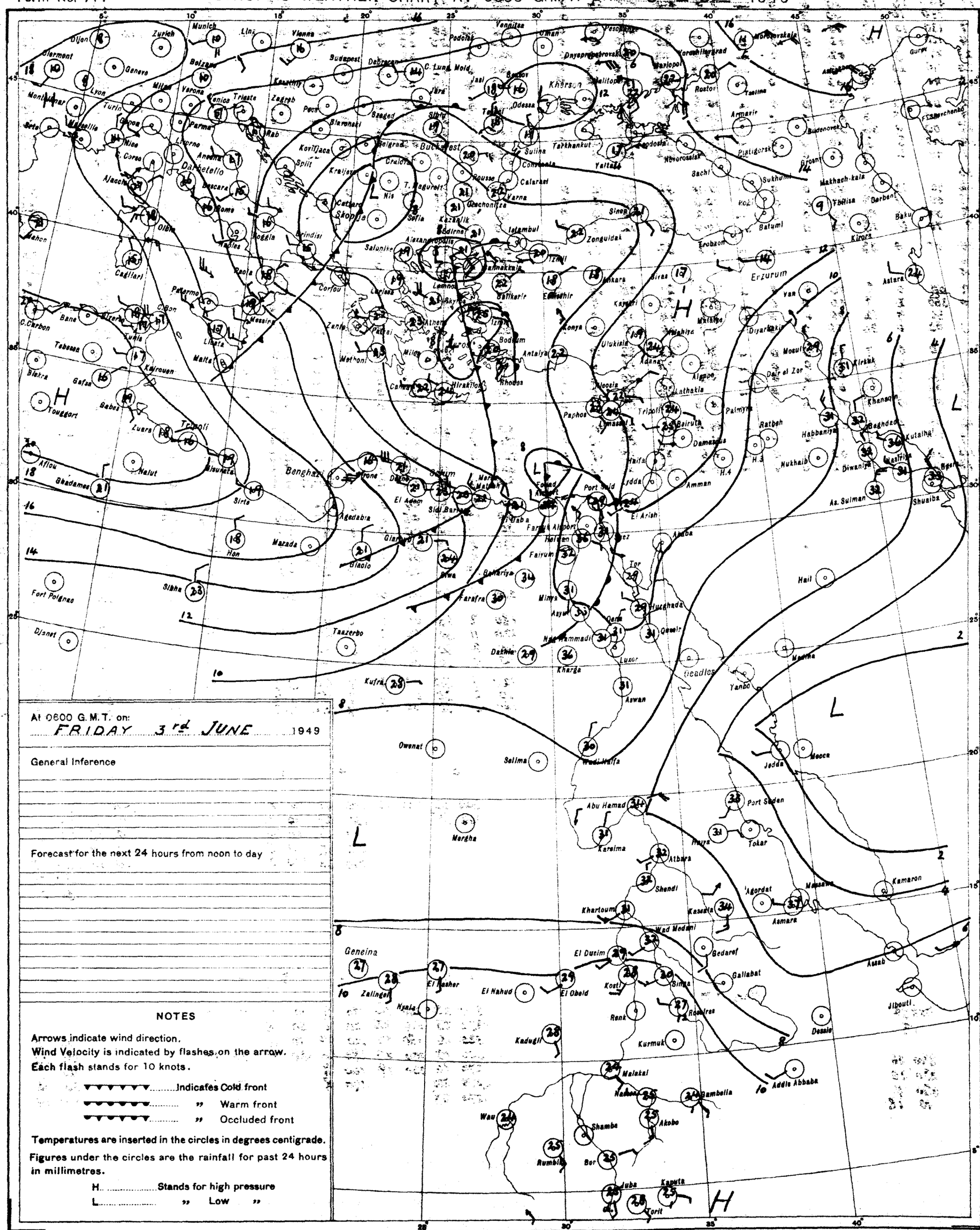
Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	4	30	5		5		5		3						5				5		4	30	3	30
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	330	23	200	16	270	5	10	4	40	14														
600	320	23	190	22	120	6	50	8															120	11
1000	320	16	180	27	120	14	70	16							220	20			210	24	120	3	120	9
1500	300	12	200	23	180	6	50	11	30	18					250	18			210		150	10	170	11
2000	270	16	230	19	260	8									310	5							80	5
3000	270	22			340	8			20	31					50	16					70	19	90	17
4000	270	28													50	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 G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 3 — 6 — 1949


Munich
Zurich
Dijon
Clermont
Genève
Lyon
Milan
Turin
Marseille
Nice
Corsica
Ajaccio
Cagliari
Palermo
Messina
Naples
Rome
Bologna
Florence
Venice
Trieste
Zagreb
Vienna
Linz
Budapest
Debrecen
Belgrade
Bucharest
Sofia
Salonika
Athens
Istanbul
Zonguldak
Ankara
Erzurum
Tbilisi
Baku
Batumi
Sochi
Rostov
Odessa
Kherson
Yalta
Sevastopol
Kiev
Moscow
Leningrad
Tallinn
Riga
Helsinki
Murmansk
Archangel
Tunis
Tripoli
Benghazi
Malta
Cairo
Alexandria
Port Said
Suez
Jerusalem
Beirut
Damascus
Aleppo
Baghdad
Basra
Tehran
Khartoum
Port Sudan
Asmara
Addis Ababa
Jeddah
Mecca
Aden
Nairobi
Mombasa
Dar es Salaam
Lake Victoria
Lake Tanganyika
Lake Nyasa
Lake Chad
Lake Tana
Lake Rudolf
Lake Albert
Lake Edward
Lake Kivu
Lake Mweru
Lake Bangweulu
Lake Kariba
Lake Ngami

CAIRO

Time of Sunrise 02 54 G.M.T.

" " Sunset 16 53 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: Saturday 4th June, 1949

At 1200 on Fri. 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	9	7	03	2	7	Ac,Ci	13.5	27	42	13
	62303	SÎDI BARÂNI	290	10	50	03	2	6	Ac,Ci	14.4	24	53	21
	62306	MATRÛH	350	16	18	03	0	1	Ac	13.1	25	58	16
	62309	EL DABA'	320			02	2	6	Cu		23	74	18
		ALEXANDRIA	310	18	35	02	2	8	Fs,Fc	13.3	23	74	18
	62318	FOUAD (Airport)	340	17	18	02	2	6	Sc	11.3	24	74	19
	62330	DAMIETTA	360	9	15	02	0	0	—	9.6	31	43	17
	62333	PORT SA'ÎD	40	10	18	02	0	0	—	9.2	32	56	22
	62336	EL 'ARISH	140	2	35	02	0	0	—	9.5	43	11	6
LOWER EGYPT	62339	DAMANHUR	310	13	15	02	0	0	—	10.8	29	59	20
	62342	MANSURA	320	9	35	00	0	0	—	9.1	38	31	18
	62348	TANTA	310	13	35	02	0	0	—	9.9	40	23	15
	62354	ZAGAZIG	220	2	15	00	0	0	—	8.6	40	23	15
	62441	ISMA'ÎLÎA	160	2	35	02	0	0	—	8.4	43	13	9
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMÂZA	250	12	30	00	0	0	—	8.2	43	13	9
		EZBEKÎYA	200	3	35	00	0	0	—	8.7	42	10	4
		GÎZA	200	3	35	00	0	0	—	9.5?	44	10	6
	62378	HELWÂN	270	3	15	00	0	0	—	8.0	42	9	3
UPPER EGYPT	62381	FAIYÛM	00	0	35	02	0	0	—	8.3	42	15	10
	62387	MINYA	00	0	12	00	0	0	—	8.3	43	13	9
	62393	ASYÛT MANQABÂT	360	2	30	00	0	0	—	7.6	43	6	-2
	62399	NAG' HAMMÂDI	00	0	7	00	0	0	—	7.1	42	15	10
	62402	QENA	90	5	50	00	0	0	—	6.6	43	11	6
	62405	LUXOR	40	11	30	00	0	0	—	6.6	43	8	1
	62414	ASWÂN	40	7	50	00	0	0	—	6.3	41	16	10
OASES	62417	SÎWA	270	10	35	00	0	0	—	13.8	32	49	20
	62420	BAHARÎYA	270	4	35	02	0	0	—	8.6	42	12	7
	62423	FARAFRA	340	9	7	02	1	1	Ac	8.6	42	6	-2
	62432	DAKHLA	140	9	35	00	0	0	—		44	19	15
	62435	KHARGA	00	0	35	00	0	0	—	8.3	43	16	12
RED SEA	62450	SUEZ	00	0	35	02	0	0	—	7.8	40	12	6
	62459	TÛR	310	5	35	00	0	0	—	8.2?	35	32	16
	62462	HURGHÂDA	30	4		00	0	0	—	10.0?	31	59	22
	62465	QUSEIR	360	13	15	02	0	0	—	9.5	34	32	15
	62641	PORT SÛDÂN	80	14	50	03	1	4	Ac,Ci	5.3	37	40	21
NORTH SÛDÂN	62600	WÂDI HALFA	360	15	30	00	0	0	—	5.7	43	8	2
	62640	ABU HAMAD	180	1	30	00	0	0	—	6.7	42	11	5
	62660	KAREIMA	340	9	35	00	0	0	—	4.9	44	9	4
	62680	'ATBARA											
	62721	KHARTÛM											
	62780	KASSALA			30	00	0	0	—	4.0	40		
CENTRAL SÛDÂN	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID											
	62760	EL FÂSHER											
	62770	GENEINA											
S. SÛDÂN	62840	MALAKÂL	230	5	50	03	2	7	Cu	8.4	32	49	20
	62880	WÂU	110	5	30	02	1	6	Cu,Ac	8.7	31	55	21
	62941	JUBA	90	2	10	61	9	8	Cu	11.7	22	94	21

At 1800 on Fri. 3rd

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.
62300	SALÛM	320	5	7	01	0	0	—	13.6	23	61	15	0
62303	SÎDI BARÂNI	320	6	35	01	2	4	Ac,Ci	14.6	21	88	19	0
62306	MATRÛH												
62309	EL DABA'	320	10		01	1	4	Cu		22	74	17	0
	ALEXANDRIA	330	11	7	03	2	Sc	Ac	10.3	22	63	19	0
62318	FOUAD (Airport)	330	13	18	03	2	7	Sc	13.7	22	78	18	0
62330	DAMIETTA	340	5		03	0	1	Ac	11.4	23	83	20	0
62333	PORT SA'ÎD	360	16	6	05	0	0	—	10.9	23	88	21	0
62336	EL 'ARISH	20	13	15	02	0	0	—	10.0	25	70	19	0
62339	DAMANHUR	310	19	15	03	1	3	Cu	13.8	21	88	19	0
62342	MANSURA	360	5	3	00	0	0	—	12.4	23	74	18	0
62348	TANTA	310	13	35	00	0	0	—		27	42	13	0
62354	ZAGAZIG	320	9	3	00	0	0	—	12.3	24	83	21	0
62441	ISMA'ÎLÎA	160	5	7	02	0	0	—	10.4	25	70	19	0
62366	FAROUK (Airport)												
62372	ALMÂZA	320	13	10	00	0	0	—	12.2	27	62	19	0
	EZBEKÎYA	360	6	15	00	0	0	—	12.6	26	62	18	0
	GÎZA	360	6	15	00	0	0	—	12.6	25	62	18	0
62378	HELWÂN	340	18	15	06	3	1	Ci	11.4	27	55	17	0
62381	FAIYÛM	330	17	7	07	3	0	—	10.0	28	52	17	0
62387	MINYA	10	20	8	00	0	0	—	9.4	33	38	17	0
62393	ASYÛT MANQABÂT												
62399	NAG' HAMMÂDI	00	0	3	00	0	0	—	6.4	32	28	11	0
62402	QENA	90	2	7	00	0	0	—	7.1	36	9	4	0
62405	LUXOR	00	0	12	00	0	0	—	6.1	33	17	5	0
62414	ASWÂN	360	3	50	00	0	0	—	6.3	37	14	6	0
62417	SÎWA	00	0	7	00	0	0	—	13.5	31	70	25	0
62420	BAHARÎYA	270	3	15	02	0	0	—	11.5	31	38	15	0
62423	FARAFRA	340	19	2	02	3	3	Ac	11.8	32			0
62432	DAKHLA	140	16	3	06	3	0	—	7.6	37	14	6	0
62435	KHARGA	00	0	15	00	0	0	—	7.8	35	23	11	0
62450	SUEZ	330	13	15	02	3	0	—	8.7	30	46	17	0
62459	TÛR	270	2	15	00	0	0	—	7.5	30	35	13	0
62462	HURGHÂDA	250	5		00	0	0	—	8.1	30	16	1	0
62465	QUSEIR	330	5	15	02	0	0	—	9.3	33?	21	8	0
62641	PORT SÛDÂN												
62600	WÂDI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	'ATBARA												
62721	KHARTÛM												
62780	KASSALA												
62751	WÂD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID												
62760	EL FÂSHER												
62770	GENEINA												
62840	MALAKÂL												
62880	WÂU												
62941	JUBA												

At 0600 on Saturday 4th June

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	250	8	7	03	1	6	Ac,Ci	15.1		21	27		15		50	10	0		
SÎDI BARÂNI	290	7	50	02	1	4	Cu,Ac	15.8		21	26		18		83	18	0	279	
MATRÛH																			
EL DABA'	320			01	1	3	Cu			22			19		74	17	0		
ALEXANDRIA	330	6	50	01	2		Sc,Ss,Ac	14.6	+1.1	22	25	-3	20	0	83	19	0	267	186
FOUAD (Airport)	340	12	14	02	1	4	Sc	14.4		23	26		20		69	17	0	265	138
DAMIETTA	340	5		03	1	7	Fs,Fc	13.0	+0.7	23			19		83	20	0	319	106
PORT SA'ÎD	350	14	10	03	1	6	Sc	13.0		23			22		88	21	0	72	80
EL 'ARISH	320	5	35	03	2	8	St	12.6	+0.1	24	43	+15			74	19	0		94
DAMANHÛR	270	13	7	03	1	6	Ac	14.3	+1.3	24	34?	+2	19	+2	69	18	0	102	101
MANSÛRA	320	5	35	03	2	6	Sc,Cu	13.6	+1.0	24	42	+9	20	+2	69	18	0	49	55
TANTA	310	8	35	03	1	6	Sc,Ac	13.8	+0.8	25	40	+6	16	-1	61	17	0	34	44
ZAGAZIG	320	5	7	00	0	0	—	13.4	+0.7	26	43	+9	20	+3	70	20	0	21	27
ISMA'ÎLÎA	290	2	3	00	1	5	Sc	13.3		25	44		21		61	17	0	14	
FAROUK (Airport)																			
ALMÂZA	350	9	13	01	2	5	Sc	13.6	+1.1	22	43		20		74	17	0		
EZBEKÎYA	360	10	15	03	0	1	Cu	13.9	+1.4	24	42	+8	2	+2	71	18	0	8	26
GÎZA	360	10	15	03	0	1	Cu	13.6	+1.1	24	45	+11	20	+4	69	18	0	16	26
HELWÂN	360	11	7	00	0	0	—	12.7	+0.4	23	44	+10	19	0	65	16	0	16	29
FAIYÛM	330	12	7	07	3	0	—	13.8	+1.5	24	43	+8	20	+1	69	18	0	8	8
MINYA	20	16	11	00	0	0	—	12.8		24	45		21		65	17	0	5	
ASYÛT MANQABÂT	320	5	30	00	0	0	—	11.6		26	46		23		51	15	0	dr	
NAG' HAMMÂDI	270	3	3	00	0	0	—	10.3	+0.5	29	43		21		46	16	0	0	
QENA	290	5	35	00	0	0	—	9.6	-0.1	28	45	+5	24	+2	52	17	0	dr	
LUXOR											44							dr	
ASWÂN	20	4	50	00	0	0	—	9.0	-0.6	32	42	+1	26	+1	16	3	0	2	
SÎWA	00	0	35	00	0	0	—	16.3	+2.5	23	36	-1	18	0	65	16	0	1	8
BAHARÎYA	360	5	35	02	0	0	—	14.7	+1.7	24	45	+9	20	+2	61	16	0	dr	7
FARAFRA	360	5	7	02	1	1	Ac	14.7		27	42		21		42	13	0		
DAKHLA	320	6	35	00	0	0	—	11.0	-0.5	32	45	+6	27	+5	28	11	0	dr	
KHARGA	20	1	35	00	0	0	—	10.8	+0.6	31	43	+4	28	+5	31	12	0	0	
SUEZ	330	15	35	00	0	0	—	11.5	-0.2	25	43	+9	21	+1	61	17	0	12	
TÛR	310	8	35	00	0	0	—	9.7		26	36		22		74	21	0	dr	13
HURGHADA	290	12		00	0	0	—	9.2		28	33		25		58	19	0	7	
QUSEIR	360	9	15	02	0	0	—	8.0	-1.3	33	35	+3	25	0	59	24	0	0	4
PORT SÛDÂN	330	10	30	02	1	7	Ac,Ci	6.7		31	40		24		62	23	0	35	97
WÂDI HALFA	360	8	7	05	0	0	—	8.1		31	44		24		13	0	0	14	
ABU HAMAD	50	5	30	00	1	0	—	6.9		31	44		26		16	2	0		
KAREIMA	00	0	30	00	0	1	Cs	7.1		33	44		25		15	3	0	5	2
'ATBARA	250	13	4	07	0	0	—	7.2		32	44		27		16	3	0	8	7
KHARTÛM	230	18	4	05	0	0	—	8.3		32	42		28		41	17	0	13	8
KASSALA	180	9	30	03	0	1	Ac	9.4		29	41		26		49	17	0	44	16
WÂD MEDANI	230	19	50	02	0	2	Cs	8.4		31	39		24		33	13	dr	71	27
RENK	230	9	50	02	2	8	Cu			23	32		21		83	20	35		97
ROSEIRES	250	5	35	02	0	0	—			25	37		22		79	21	9	87	125
EL OBEID	150	16	30	03	1	7	Ac	10.9		27	37		24		88	25	0	83	39
EL FÂSHER	340	5	30	02	1	7	Ac			29	39		25		52	18	0	18	17
GENEINA	250	2	30	01	1	3	Ci			27	38		24		48	15	0		32
MALAKÂL	360	9	7	62	8	8	Cb,Cu,Ac	14.1		22	33		20		94	21	26	413	211
WÂU	140	3	30	02	1	7	Cs	11.5		25			23		79	21	dr	419	388
JUBA	230	5	30	03	2	7	Ac,Cs	12.1		25	28		22		79	21	10	377	479

HUMIDITY

Mean of day %

STATION	on 3rd	Diff. from normal
Alexandria	81	+9
Ezbekiya	43	-9
Giza	39	-12
Helwân	30	-9

GÎZA GRASS MINIMUM TEMP. ON 4th 18.4 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	DRY °C.	WET °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

On ..... At ..... AIRPORT

PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	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. FEET	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. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on Fri. 3rd June.

STATION	Foad A.P.				Port Said				Muiya				Matruh											
TIME	15				14				15				13 30											
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	350	12			340	25			10	13			310	15										
600	290	10			20	10			10	16			290	23										
1000	310	30			40	9			10	16			280	14										
1500	260	21			90	7			20	19			280	23										
2000	240	32			100	5			10	16														
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 4th June.

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂT		LUXOR		ASWÂN		HURGHADA			
TIME	5				4		4				6 45		3		8 43						10			
HEIGHT m.	DIR.	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	4			320	14	310	25			340	12	350	29?	320	11					340	6		
600	300	3			340	17	310	20			350	20	360	62?	330	23					50	9		
1000	250	6					110	9			350	12	350	36?	330	20					100	10		
1500	280	13									140	3	350	26?	180	7					140	5		
2000											190	12	10	18	190	8								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	4 30		5		5		4		4						4		4						6 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	50	15	10	17	350	7	350	16																
600	50	9	10	21	30	3	10	24	20	27					230	17	190	18					360	11
1000	330	10			20	19	20	26	20	23					210	34	200	11					10	8
1500	300	19			10	32	60	10	20	19					250	22	190	8					16	5
2000	310	27					360	3							110	10								
3000	310	30					310	11									250	5						
4000	250	34					310	16									300	5						
5000	280	50																						
6000																								
7000																								
8000																								

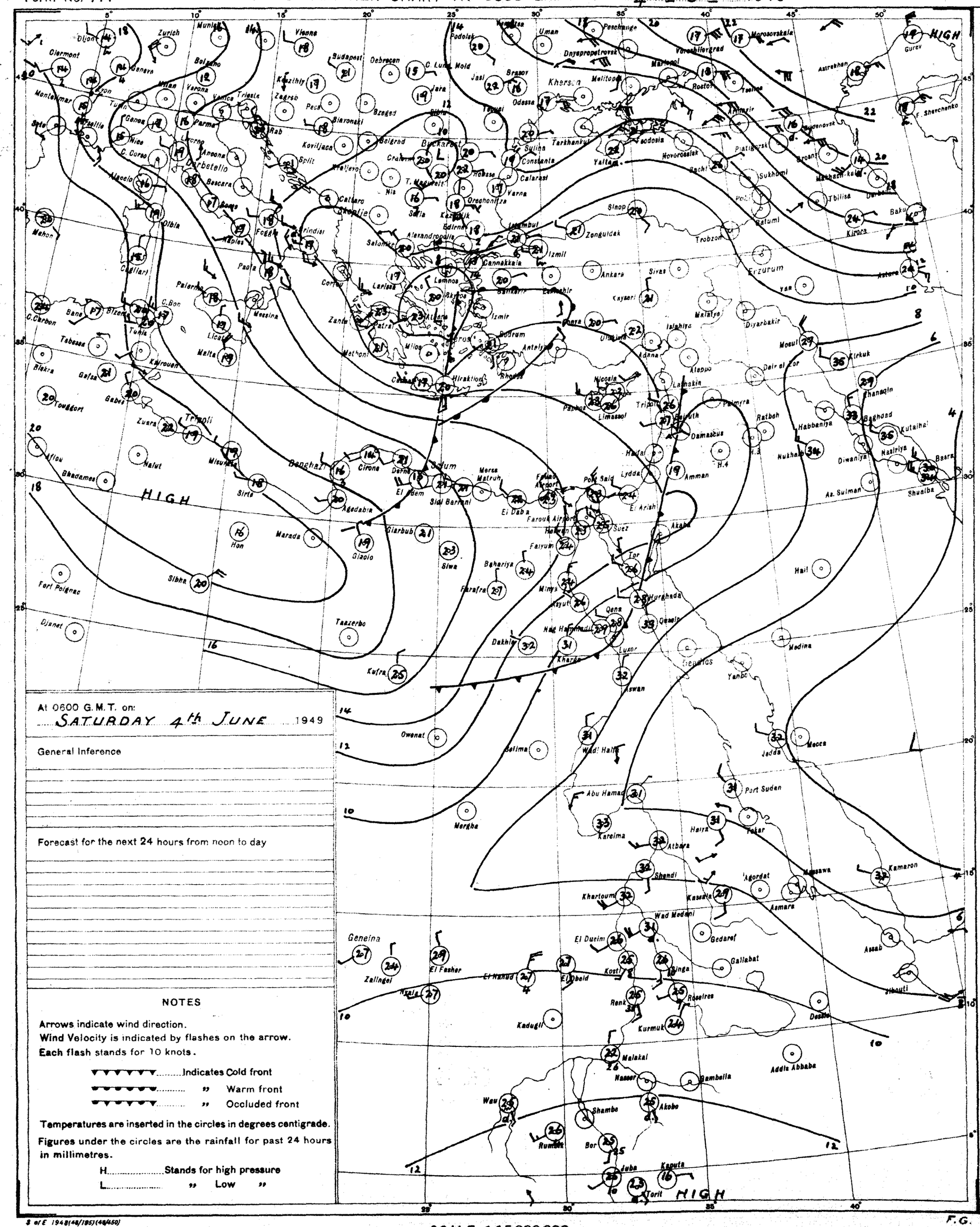
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 4 – 6 – 1949



At 0600 G.M.T. on:
SATURDAY 4th JUNE 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ Indicates Cold front
▼▼▼▼▼▼ " Warm front
▼▼▼▼▼▼ " Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H Stands for high pressure
L " Low "

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	" or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	" " hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
" " hail		87
Rain / Hail	Thunderstorm during the past hour	91
		93
Thunderstorm with rain		95
" " hail		96
" " Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze (vis less than 1000 m.)	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

Cloudless		—
Cirrus	Ci	1
Cirrostratus	Cs	2
Cirrocumulus	Cc	3
Altocumulus	Ac	4
Altostratus	As	5
Stratocumulus	Sc	6
Nimbostratus	Ns	7
Cumulus or Fractocumulus	Cu or Fc	8
Cumulonimbus	Cb	9
Stratus or Fractostratus	St or Fs	0

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th " " "	2
3/8 " " " "	3
4/8 " " " "	4
5/8 " " " "	5
6/8 " " " "	6
7/8 " " " "	7
Sky completely covered	8
" obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1948(48/195)(48/450)

SCALE 1:15,000,000

F.G.

CAIRO

Time of Sunrise 02 53 G.M.T.

" " Sunset 16 53 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: Sunday 5th June, 1949

At 1200 on Sat. 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	220	13	7	03	0	7	ac	14.2	27	33	9
	62303	SÎDI BARÂNI	320	13	50	03	1	5	cu, ac	15.0	25	61	17
	62306	MATRÛH											
	62309	EL DABA	360			00	0	0	—	15.1	25	61	17
		ALEXANDRIA	360	6	50	00	0	0	—	15.0	24	74	19
	62318	FOUAD (Airport)	340	12	18	02	0	0	—	14.5	26	58	17
	62330	DAMIETTA	320	5	15	01	0	2	Fs, Fc	14.3	25	70	19
	62333	PORT SA'ÎD	360	13	12	03	1	5	Sc	14.3	24	74	19
	62336	EL 'ARISH	320	9	35	01	1	3	cu	13.0	25	74	20
Lower Egypt	62339	DAMANHUR	360	9	15	01	1	0	—	14.6	28	45	15
	62342	MANSURA	320	9	35	01	1	4	ac	14.2	30	35	13
	62348	TANTA	360	5	35	01	0	5	Cu, Sc		30	31	11
	62354	ZAGAZIG	320	9	15	00	0	0	—	13.8	33	38	17
	62441	ISMA'ÎLIA	360	9	7	02	0	0	—	13.0	30	35	13
Cairo Area	62366	FAROUK (Airport)	340	15	15	02	0	1	ac	13.9	32	36	15
	62372	ALMÂZA	350	12	15	03	1	1	cs	13.1	32	36	15
		EZBEKÎYA	300	9	35	00	0	1	Ac	13.4	31	38	15
		GÎZA	330	9	35	00	0	1	Ac	13.4	31	32	12
	62378	HELWÂN	320	18	15	00	0	0	—	12.7	32	28	11
Upper Egypt	62381	FAIYÛM	330	12	7	06	0	0	—	12.8	32	28	11
	62387	MINYA	20	19	10	00	0	0	—	11.9	34	23	10
	62393	ASYÛT MANQABÂD	320	13	30	00	0	0	—	10.7	35	22	10
	62399	NAG' HAMMÂDI	270	4	7	00	0	0	—		37	27	15
	62402	QENA	240	9	50	00	0	0	—	7.1	42	22	16
	62405	LUXOR	340	6	14	00	0	0	—	5.9	43	5	-4
	62414	ASWÂN	20	6	50	01	1	2	Ci	6.2	43	8	1
Oases	62417	SÎWA	00	0	35	00	0	0	—	16.4	32	56	22
	62420	BAHARÎYA	320	6	35	02	1	3	ac	12.7	33	24	10
	62423	FARAFRA	320	4	35	02	1	3	ac	13.9	35	15	5
	62432	DAKHLA	320	10	50	00	0	0	—	9.7	36	20	10
	62435	KHARGA	360	3	35	00	0	0	—	9.1	38	19	11
Red Sea	62450	SUEZ	360	12	35	02	0	0	—	10.8	31	43	17
	62459	TÛR	310	10	36	00	0	0	—	9.1	30	52	19
	62462	HURGHÂDA	360	18		00	0	0	—	8.4	29	66	22
	62465	QUSEIR	360	9	15	00	0	3	Cs	7.6	33	24	10
	62641	PORT SÛDÂN	70	10	30	01	1	1	ac	4.5	39	40	23
North Sûdân	62600	WÂDI HALFA											
	62640	ABU HAMAD											
	62660	KAREIMA	220	1	30	00	0	0	—	3.8	44	8	3
	62680	'ATBARA	230	5	4	05	0	0	—	2.9	42	14	9
	62721	KHARTÛM	250	10	7	05	0	2	ac, c	4.6	40	24	16
	62730	KASSALA	270	2	30	00	0	0	—	4.3	39	23	14
Central Sûdân	62751	WÂD MEDANI	230	9	35	00	0	2	Cs	5.1	38	25	15
	62801	RENK											
	62802	ROSEIRES	250	5	35	00	0	0	—		33	47	20
	62771	EL OBEID											
	62760	EL FÂSHER											
	62770	GENEINA	160	3	30	16	1	7	Sc, ac		36	20	10
S. Sûdân	62840	MALAKÂL											
	62880	WÂU	270	7	30	01	1	7	cu, c	9.0			20
	62941	JUBA	40	5	30	03	2	6	cu, c	8.7	30	59	21

At 1800 on Sat. 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	320	5	7	01	0	0	—	15.1	22	57	13	0
SÎDI BARÂNI	70	1	35	01	1	0	—	15.5	21	83	18	0
MATRÛH	00	0	13	00	0	0	—	15.0	21	57	12	0
EL DABA	360	10		00	0	0	—		24	61	16	0
ALEXANDRIA	40	8	7	00	0	0	—	15.4	22	74	17	0
FOUAD (Airport)	40	7	12	02	0	0	—	15.4	21	83	18	0
DAMIETTA	340	5		00	0	0	—	14.3	22	83	19	0
PORT SA'ÎD	360	10	18	02	0	1	ci	15.1	23	78	19	0
EL 'ARISH	340	5	15	02	1	4	cu	14.7	26	70	19	0
DAMANHUR	360	9	15	02	0	0	—	15.5	22	83	19	0
MANSURA	360	5	3	00	1	0	—	15.5	23	65	16	0
TANTA	00	0	35	02	1	0	—	15.9	24	47	12	0
ZAGAZIG	40	5	3	00	0	0	—	15.9	24	54	14	0
ISMA'ÎLIA	20	5	7	02	0	0	—	14.8	24	54	14	0
FAROUK (Airport)												
ALMÂZA	40	17	18	00	0	0	—	15.7	26	48	14	0
EZBEKÎYA	40	6	15	00	0	0	—	14.2	26	42	12	0
GÎZA	40	6	15	00	0	0	—	15.4	26	35	9	0
HELWÂN	360	12	15	00	0	0	—	14.2	27	27	6	0
FAIYÛM	360	2	35	01	0	0	—	12.8	28	33	10	0
MINYA	20	10	10	00	0	0	—	12.5	28	42	14	0
ASYÛT MANQABÂD												
NAG' HAMMÂDI	290	3	3	00	0	0	—	8.8	30	35	13	0
QENA	240	5	7	00	0	0	—	8.7	35	19	8	0
LUXOR												
ASWÂN	360	9	50	00	0	0	—	6.3	39	11	3	0
SÎWA	00	0	35	00	0	0	—	16.4	29	52	18	0
BAHARÎYA	360	2	15	02	1	0	—	13.6	29	23	6	0
FARAFRA	360	3	15	02	1	0	—	14.3	27	20	2	0
DAKHLA	320	6	35	00	0	0	—	11.0	32	24	9	0
KHARGA	360	1	15	06	0	0	—	10.0	33	30	13	0
SUEZ	360	12	15	02	0	0	—	13.1	25	54	15	0
TÛR	310	14	15	00	0	0	—	9.5	28	62	20	0
HURGHÂDA	300	30		00	0	0	—	7.9	30	46	17	0
QUSEIR	360	5	15	02	0	0	—	7.5	29	70	23	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Sunday 5th June

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Temperature Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	220	6	7	02	0	0	—	17.1		21	30		15		57	12	0		
SÎDI BARÂNI	290	8	50	03	1	5	cu	18.0		21	28		15		83	18	0	279	
MATRÛH	350	5		00	0	0	—	17.9		22	25		16		61	14	0		
EL DABA	320	7		00	0	0	—			25			15		42	11	0		
ALEXANDRIA	310	5	50	00	0	0	—	17.6	+4.2	22	26	-2	19	-1	65	15	0	267	186
FOUAD (Airport)	340	2	14	02	0	0	—	17.0		24	26		15		57	15	0	265	138
DAMIETTA	140	2		02	0	0	—	16.7	+4.5	26	26		16		55	16	0	319	106
PORT SA'ÎD	60	2	18	02	0	0	—	16.7		25	25		22		54	15	0	72	
EL 'ARISH			35	01	0	0	—	15.5	+3.1	25	26	-2	17	0	74	20	0		74
DAMANHUR	230	9	7	02	0	0	—	17.2	+4.3	24	29	-3	17	0	61	16	0	102	101
MANSURA	140	5	35	00	0	0	—	17.0	+4.5	26	31	-2	17	-1	55	16	0	49	56
TANTA	00	0	35	02	0	0	—	17.6	+4.7	26	31	-3	14	-3	48	14	0	34	44
ZAGAZIG	40	5	7	00	0	0	—	16.8	+4.1	25	33	-1	18	+1	70	19	0	21	27
ISMA'ÎLIA	20	2	7	02	0	0	—	16.6		24			19		69	18	0	14	
FAROUK (Airport)	60	12	14	00	0	0	—	16.8		23			19		57	14	0		
ALMÂZA	40	9	13	00	0	0	—	16.4	+3.9	24	33		18		61	16	0		
EZBEKÎYA	40	9	15	00	0	0	—	16.8	+4.3	26	32	-2	19	0	55	16	0	8	26
GÎZA	40	9	15	00	0	0	—	16.7	+4.3	25	33	-1	18	+1	48	13	0	16	26
HELWÂN	320	13	15	00	0	0	—	16.2	+3.9	25	33	-1	19	0	42	11	0	16	29
FAIYÛM	20	5	35	02	0	0	—	16.4	+4.2	26	33	-2	19	0	42	12	0	8	8
MINYA	20	14	10	00	0	0	—	15.8		24	35		18		64	14	0	5	
ASYÛT MANQABÂD	00	0	30	00	0	0	—	15.2		26	36		18		42	12	0	dr	
NAG' HAMMÂDI	320	1	3	00	0	0	—	13.4	+3.7	28	38		21		45	15	0	0	
QENA	340	5	35	00	0	0	—	12.3	+2.7	28	43	+3	24	+1	45	15	0	dr	
LUXOR	20	14	30	00	0	0	—	12.1		32			25		21	7	0	dr	
ASWÂN	320	9	50	00	0	0	—	11.1	+1.5	31	45	+4	28	+3	36	14	0	2	
SÎWA	00	0	35	00	0	0	—	19.0	+5.2	24	33	-4	16	-2	69	18	0	1	8
BAHARÎYA	360	3	35	02	0	0	—	16.6	+3.7	25	36	0	19	+1	47	13	0	dr	7
FARAFRA	360	3	15	02	0	0	—	17.0		25	36		20		34	8	0		
DAKHLA	360	9	35	00	0	0	—	14.4	+3.0	29	37	-2	25	+3	29	9	0	dr	
KHARGA	40	2	35	00	0	0	—	14.2	+4.0	30	39	0	25	+2	27	9	0	0	—
SUEZ	00	0	35	00	0	0	—	14.8	+3.2	25	32	-2	20	0	47	13	0	12	17
TÛR	310	15	35	00	0	0	—	10.8	+1.4	24	33	0	24	+2	79	20	0	dr	13
HURGHADA	330	18		00	0	0	—	11.5		26	31		24		62	18	0	7	
QUSEIR	360	13	15	02	0	0	—	10.6	+1.4	28	34	+2	26	+1	58	19	0	0	4
PORT SÛDÂN	10	6	50	01	1	4	ac, ci	7.7		37	43		24		45	22	0	35	97
WÂDI HALFA	10	16	7	05	0	0	—	10.8		31	45		26		24	8	0	14	
ABU HAMAD	50	19	04	31	3	0	—	7.2		34	46		29		20	8	0		
KAREIMA	50	11	10	00	0	0	—	7.4		34	45		28		19	7	0	5	2
'ATBARA	230	3	30	00	0	0	—	6.2		33	37		26		20	7	0	8	7
KHARTÛM	200	8	30	01	1	4	ac	8.5		32	41		28		41	17	0	13	8
KASSALA	200	9	30	00	0	0	—	7.8		32	40		25		43	18	0	44	26
WÂD MEDANI	180	9	50	02	1	7	as	10.2		30	39		25		43	16	0	71	28
RENK																			99
ROSEIRES																		87	129
EL OBEID	230	13	30	03	1	5	ac	10.1		28	35		26		52	17	0	83	40
EL FÂSHER	360	5	30	02	1	7	Sc, ac			21	39		20		83	18	dr	18	17
GENEINA	200	2	30	02	2	8	as			23	36		21		69	17	dr		33
MALAKÂL	210	4	30	03	2	8	ac, ci	13.0		24	39		22		84	21	8	421	215
WÂU	00	0	30	01	1	3	ac	12.8		25	33		23		79	21	dr	419	343
JUBA	200	5	30	02	1	2	cu, ac, ci	14.0		25	31		22		84	22	0	377	483

HUMIDITY

Mean % of day

Station	on 4th	Diff. from normal
Alexandria	75	+3
Ezbekîya	54	+2
Gîza	49	-2
Helwân	38	-1

GÎZA

GRASS MINIMUM TEMP.

ON 5th 15.7 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

Pressure mbs.	Height above M.S.L. feet	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

On At AIRPORT

Pressure mbs.	Height above M.S.L. feet	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. feet	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. feet	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on Sat. 4th June

Height m.	Fuad AP Time 15 Dir.	Vel.	Dir.	Vel.	Minya Time 15 Dir.	Vel.	Dir.	Vel.	Natrûh Time 14 15 Dir.	Vel.	Dir.	Vel.	P. Said Time 15 Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
800	360	31			360				350	8			350	16												
600	360	16			360				290	8			340	21												
1000	320	23			360				260	14			320	20												
1500	300	24			350				260	20			280	17												
2000	280	12			340								300	12												
3000	220	59																								
4000	190	40																								
5000	160	37																								
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on Sun. 5th June

Height m.	Sîdi Barâni Time 5 Dir.	Vel.	Matrûh Time 4 15 Dir.	Vel.	Fouad Airport Time 4 Dir.	Vel.	Port Sa'îd Time 4 Dir.	Vel.	El 'Arîsh Dir.	Vel.	Helwân Time 6 45 Dir.	Vel.	Minya Time 3 Dir.	Vel.	Asyût Manqabâd Time 8 Dir.	Vel.	Luxor Time 6 Dir.	Vel.	Aswân Time 5 Dir.	Vel.	Hurghada Time 9 Dir.	Vel.	Almaza Time 8 30 Dir.	Vel.
300	270	9	290	9	260	4	60	4			40	13	360		330	10	340	13	360	13	330	20	60	3
600	300	10	260	6	80	4	20	9			50	19	360		350	8	360	14	350	19	340	16	70	10
1000	300	11	300	10	40	5	340	19			30	11	10		330	18	340	32	360	32	350	12	60	11
1500	300	11	280	14	330	9	330	12					330		300	22	330	23	340	21	350	13	40	14
2000			270	16	250	3	280	16									330	17	320	15			60	7
3000			260	24	260	8																		
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Sîwa Time 4 30 Dir.	Vel.	Bahariya Time 5 Dir.	Vel.	Dakhla Time 6 Dir.	Vel.	Kharga Time 4 30 Dir.	Vel.	Wâdi Halfa Dir.	Vel.	Abû Hamad Dir.	Vel.	Kareima Dir.	Vel.	Khartûm Dir.	Vel.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fâsher Dir.	Vel.	Malakâl Dir.	Vel.
300	30	10	50	12	10	18	350	26																
600	10	10	70	19	10	13	360	26																
1000	340	13	40	14	330	19	360	30																
1500	310	14	340	16	320	19	350	29																
2000	300	16	330	20	320	15																		
3000	280	28																						
4000	270	35																						
5000																								
6000																								
7000																								
8000																								

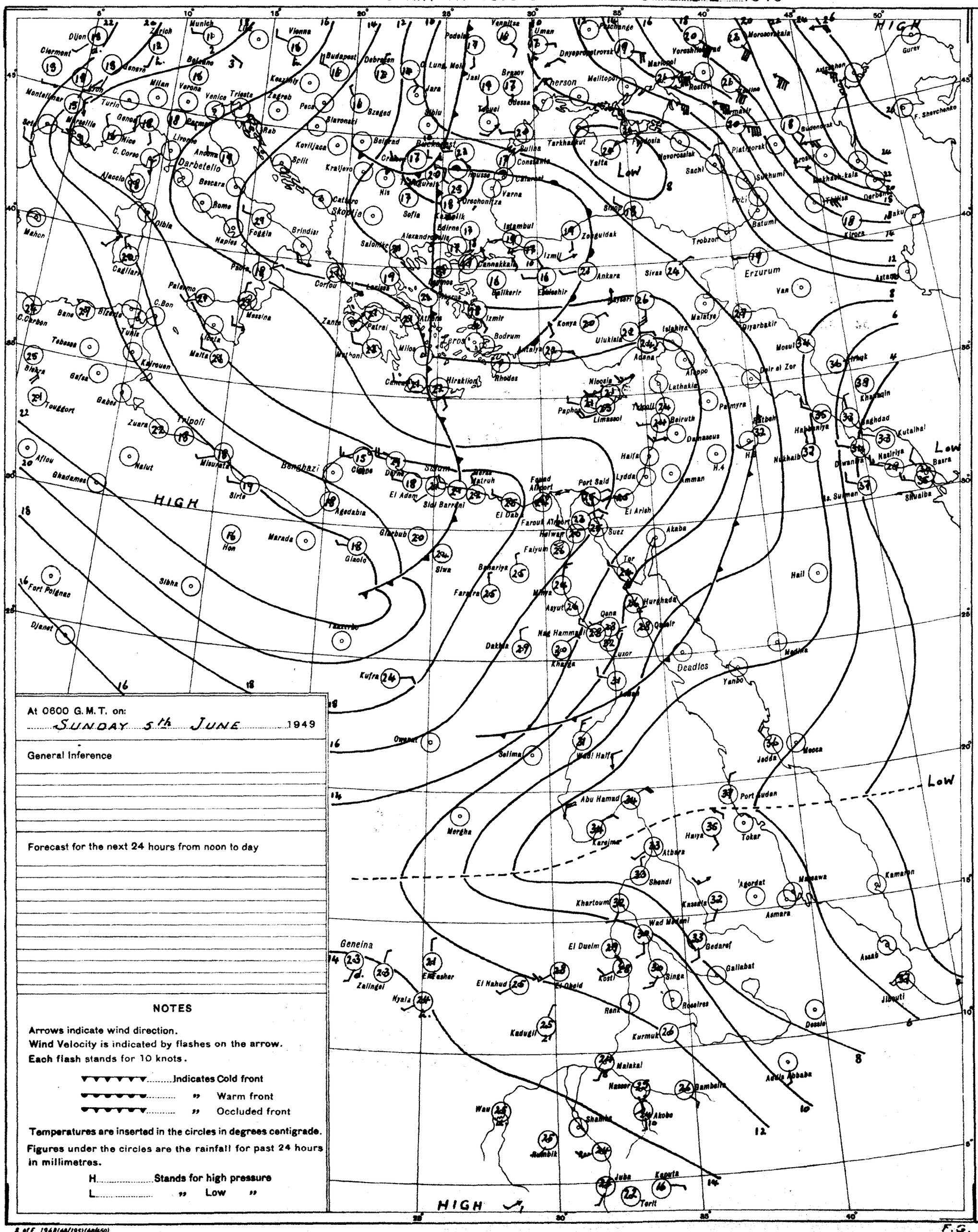
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 5 - 6 - 1949



At 0600 G.M.T. on:
SUNDAY 5th JUNE 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

Indicates Cold front
" Warm front
" Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H Stands for high pressure
L " Low "

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	" or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	" " hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
" " hail		87
Rain / Hail	Thunderstorm during the past hour	91
		93
Thunderstorm with rain		95
" " hail		96
" " Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

Cloudless		
Cirrus	Ci	1
Cirrostratus	Cs	2
Cirrocumulus	Cc	3
Altocumulus	Ac	4
Altostratus	As	5
Stratocumulus	Sc	6
Nimbostratus	Ns	7
Cumulus or Fractocumulus	Cu or Fc	8
Cumulonimbus	Cb	9
Stratus or Fractostratus	St or Fs	0

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th " " "	2
3/8 " " " "	3
4/8 " " " "	4
5/8 " " " "	5
6/8 " " " "	6
7/8 " " " "	7
Sky completely covered	8
" obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1948(44/195)(44/450)

SCALE 1:15,000,000

F.G.

CAIRO
Time of Sunrise 02 53 G. M. T.
" " Sunset 16 54 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form Nº 7 F.

DAILY WEATHER REPORT

Date: Monday 6th June, 1949

At 1200 on Sun. 5th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM	40	13	7	03	1	5	ac	16.8	23	61	15
	62303	SÎDI BARÂNI	340	9	50	01	0	1	Cu	18.3	22	88	20
	62306	MATRÛḤ											
	62309	EL DABA	320	10		01	1	0	—		23	61	15
		ALEXANDRIA	330	13	50	00	0	0	—	17.1	24	61	16
	62318	FOUAD (Airport)	340	20	18	02	0	1	Cu	17.1	25	61	17
	62330	DAMIETTA	320	5	15	02	0	0	—	16.3	25	54	15
	62333	PORT SA'ÎD	10	16	30	03	0	1	sc	16.2	26	55	16
	62336	EL 'ARISH	320	2	35	02	0	0	—	15.9	26	62	18
Lower Egypt	62339	DAMANHUR	360	13	15	03	1	2	Cu	16.2	28	45	15
	62342	MANSURA	320	5	35	01	1	4	Cu	15.8	31	28	10
	62348	TANTA	00	0	35	03	0	4	Cu,Sc	16.8	31	28	10
	62354	ZAGAZIG	320	5	15	00	0	0	—	16.3	31	38	15
	62441	ISMA'ÎLÎA	360	5	35	02	0	0	—	14.7	31	22	7
Cairo Area	62366	FAROUK (Airport)											
	62372	ALMÂZA	60	10	30	00	0	0	—	14.8	31	31	12
		EZBEKÎYA	260	6	35	00	0	1	Cu	15.0	31	22	7
		GÎZA	360	6	35	00	0	1	Cu	15.1	31	21	6
	62378	ḤELWÂN	320	14	35	02	0	0	—	14.3	31	17	3
Upper Egypt	62381	FAIYÛM	330	8	35	02	0	0	—	14.4	32	20	6
	62387	MINYA	10	13	14	00	0	0	—	13.9	34	18	6
	62393	ASYÛṬ MANQABÂD											
	62399	NAG' ḤAMMÂDI	270	6	7	00	0	0	—	10.8	36	20	10
	62402	QENA	290	9	50	00	0	0	—	7.8	39	14	7
	62405	LUXOR											
	62414	ASWÂN	360	18	15	10	4	0	—	9.1	38	17	9
Oases	62417	SÎWA	320	9	35	00	0	0	—	18.3	31	70	25
	62420	BAḤARÎYA	270	4	35	02	0	0	—	14.7	33	16	4
	62423	FARAFRA	320	6	35	02	0	0	—	15.9	33	16	4
	62432	DAKHLA	320	10	50	00	0	0	—	1	34	10	2
	62435	KHARGA	360	3	35	00	0	0	—	13.0	36	19	8
Red Sea	62450	SUEZ	00	0	35	02	0	0	—	13.0	31	28	10
	62459	ṬÛR	310	16	35	00	0	0	—	10.0	28	58	19
	62462	HURGHÂDA	340	23		00	0	0	—	9.8	30	49	18
	62465	QUSEIR	360	9	15	02	0	0	—	10.0	30	59	21
	62641	PORT SÛDÂN	50	16	10	01	3	1	Ac	5.4	35	56	25
North Sûdân	62600	WÂDI ḤALFA	360	25	0.5	32	3	9	Ac	7.8	41	10	3
	62640	ABU ḤAMAD	90	9	10	00	3	0	—	3.2	45	10	6
	62660	KAREIMA	00	0	10	00	0	0	—	3.3	45	7	1
	62680	'ATBARA	250	5	10	05	0	1	Cu	2.3	44	10	6
	62721	KHARTÛM	250	4	30	02	1	3	Ac	4.0	41	19	13
	62730	KASSALA											
Central Sûdân	62751	WÂD MEDANI	230	9	35	02	1	2					13
	62801	RENK											
	62802	ROSEIRES	230	2	35	02	0	0	—		36	31	16
	62771	EL OBEID	180	5	30	03	1	4	Ac,Cs	7.0	35	25	12
	62760	EL FÂSHER			30	02	1		Ac		37	22	12
	62770	GENEINA											
S. Sûdân	62840	MALAKÂL	240	5	30	03	2	7	Ac	10.0	30	62	22
	62880	WÂU	70	9	0	02	1	7	Cu,Ci	7.5	33	47	20
	62941	JUBA	00	0	30	03	1	6	Cu,Ac	8.7	30	59	21

At 1800 on Sun. 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	40	4	7	01	0	0	—	17.9	21	74	16	0
SÎDI BARÂNI	330	4	35	01	0	0	—	18.0	20	88	18	0
MATRÛḤ	10	3	12	00	0	0	—	17.5	20	86	18	0
EL DABA	320	9		00	0	0	—		22	67	13	0
ALEXANDRIA	360	11	7	00	0	0	—	17.4	21	74	16	0
FOUAD (Airport)	360	14	12	02	0	0	—	16.9	21	78	17	0
DAMIETTA	340	5	15	02	0	0	—	16.4	22	74	17	0
PORT SA'ÎD	20	10	15	02	0	0	—	16.8	23	66	16	0
EL 'ARISH	340	5	15	03	0	1	Cu	10.	24	64	18	0
DAMANHUR	360	9	15	02	0	0	—	16.8	22	63	14	0
MANSURA	360	2	3	00	1	0	—	17.1	23	61	15	0
TANTA	00	0	35	02	1	0	—	1.	24	64	14	0
ZAGAZIG	40	5	3	00	0	0	—	16.8	24	69	18	0
ISMA'ÎLÎA	20	9	15	02	0	0	—	16.3	23	61	15	0
FAROUK (Airport)												
ALMÂZA												
EZBEKÎYA	30	8	15	00	0	0	—	16.3	25	42	11	0
GÎZA	30	8	15	00	0	0	—	16.7	25	41	11	0
ḤELWÂN	20	19	15	02	0	0	—	15.2	25	47	13	0
FAIYÛM	00	0	35	02	0	0	—	13.9	28	27	7	0
MINYA	00	0	12	00	0	0	—	14.1	25	42	11	0
ASYÛṬ MANQABÂD												
NAG' ḤAMMÂDI	00	0	3	00	0	0	—	11.9	28	31	9	0
QENA	270	5	7	00	0	0	—	11.5	29	23	6	0
LUXOR	290	9	12	00	0	0	—	11.1	32	21	7	0
ASWÂN	360	8	50	00	0	0	—	10.2	36	16	6	0
SÎWA	00	0	7	00	0	0	—	17.9	27	62	19	0
BAḤARÎYA	320	2	15	02	0	0	—	15.4	27	33	9	0
FARAFRA	320	5	15	02	0	0	—	15.9	26	25	4	0
DAKHLA	320	3	35	00	0	0	—	14.0	30	35	13	0
KHARGA	00	0	15	00	0	0	—	13.4	29	19	3	0
SUEZ	360	11	15	02	0	0	—	14.4	25	47	13	0
ṬÛR	310	12	15	00	0	0	—	10.0	28	58	19	0
HURGHÂDA	310	21		00	0	0	—	10.6	29	46	16	0
QUSEIR	360	9	15	02	0	0	—	10.2	29	66	22	0
PORT SÛDÂN												
WÂDI ḤALFA												
ABU ḤAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Monday 6th June,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	220	5	7	02	0	0	—	18.0		20	26		14		83	17	0		
SÎDI BARÂNI	240	1	50	03	0	1	Cu	19.0		22	23		15		83	19	0	278	
MATRÛḤ	10	1	18	03	1	2	Sc	18.4		22	25		22		69	16	0		
EL DABA	360	10		01	1	4	Cu			23			15		65	16	0		
ALEXANDRIA	40	5	50	01	1		Sc,Cu,Ac	18.3	+4.9	24	25	−3	20	0	61	16	0	267	186
FOUAD (Airport)	350	5	14	02	1	4	Cu	18.5		23	26		18		61	15	0	265	138
DAMIETTA	320	2		03	1	4	Cu	17.8	+5.7	23	27		16		74	18	0	319	106
PORT SA'ÎD	360	6	18	03	0	0	—	17.5		23	27		21		65	16	0	72	
EL 'ARISH			35	03	1	3	Cu	17.0	+4.7	24	26	−2	17	0	69	18	0		94
DAMANHÛR	310	9	15	03	1	3	Cu	18.4	+5.6	24	29	−4	17	−1	69	18	0	102	101
MANSÛRA	40	5	35	01	0	2	Cu	18.2	+5.8	24	32	−1	18	0	61	16	0	49	55
TANTA	00	0	35	02	0	0	—	18.6	+5.7	23	33	−1	14	−3	61	15	0	34	44
ZAGAZIG	320	5	7	00	0	0	—	17.5	+4.8	25	33	−1	17	0	61	17	0	21	27
ISMA'ÎLÎA	40	2	7	00	1	2	Ac	17.1		24	32		19		54	14	0	14	
FAROUK (Airport)	30	14	18	03	0	2	Cu	17.8		22			18		69	16	0		
ALMÂZA	20	12	15	03	0	2	Cu	17.6		22			17		74	17	0		
EZBEKÎYA	360	8	15	03	0	2	Cu	17.6	+5.2	23	32	−3	18	−1	65	16	0	8	26
GÎZA	360	8	15	03	0	1	Cu	17.8	+5.4	23	32	−2	17	0	63	16	0	16	26
ḤELWÂN	360	11	15	00	0	4	Cu	17.6	+5.4	22	33	−1	18	−1	65	15	0	16	29
FAIYÛM	330	5	35	02	0	0	—	17.9	+5.8	23	33	−2	18	−1	61	15	0	8	8
MINYA	20	12	10	00	0	0	—	16.7		24	34		18		54	14	0	5	
ASYÛṬ MANQABÂD	360	6	30	00	0	0	—	16.0		26			20		48	14	0	dr	
NAG' ḤAMMÂDI	320	2	3	00	0	0	—	14.4	+4.8	25	36		17		47	13	0	0	
QENA	200	5	35	00	0	0	—	13.6	+4.1	26	40	0	21	−2	42	12	0	dr	
LUXOR											40							dr	
ASWÂN	360	8	35	00	0	0	—	12.7	+3.2	28	40	−1	24	−1	29	8	0	2	
SÎWA	00	0	35	00	0	0	—	19.1	+5.3	25	31	−6	17	−1	61	17	0	1	8
BAḤARÎYA	360	3	35	02	0	0	—	17.9	+5.0	23	35	−1	18	−1	61	15	0	dr	7
FARAFRA	40	6	35	02	0	0	—	18.3		24	34		17		47	12	0	dr	
DAKHLA	00	0	35	00	0	0	—	16.0	+4.6	26	35	−4	19	−3	37	10	0	dr	
KHARGA	360	4	35	00	0	0	—	15.2	+5.1	26	36	−3	21	−2	42	12	0	0	
SUEZ	360	15	35	00	0	1	Cu	15.9	+4.3	23	33	−1	20	0	61	15	0	12	17
ṬÛR	310	2	35	00	0	0	—	13.6	+4.3	25	32	−1	23	+1	61	17	0	dr	13
HURGHADA	340	18		00	0	0	—	13.0		26	30		22		51	15	0	7	
QUSEIR	360	19	15	02	0	0	—	12.3	+3.2	27	32	0	26	+1	55	17	0	0	4
PORT SÛDÂN	40	1	30	03	2	8	Ac,Cs			35	38		27		47	22	0	35	97
WÂDI ḤALFA	360	15	30	00	0	0	—	12.2		29	42		25		17	1	0	14	
ABU ḤAMAD	50	13	7	07	1	4	Ac,Cs			33	46		29		19	6	0		
KAREIMA	00	0	10	00	0	0	—	10.3		33	45		26		23	9	0	5	2
'ATBARA	270	5	10	05	0	0	—	7.3		34	45		29		16	5	0	8	7
KHARTÛM	200	20	10	03	0	2	Ci	8.1		31	42		28		24	8	0	13	8
KASSALA	200	2	30	02	1	8	Ac,Cs	10.3		30	42		26		49	18	0	44	27
WÂD MEDANI	270	9	50	00	0	0	—	8.7		32	40		24		36	15	0	71	29
RENK																			102
ROSEIRES																	6	93	132
EL OBEID	210	12	30	03	2	7	Cs	9.9		29	37		26		49	17	0	83	41
EL FÂSHER	90	17	7	05	0	1	Ac			31	37		22		19	5	0	18	18
GENEINA	230	1	10	00	0	0	—			25	34		23		61	17	0		34
MALAKÂL	130	22	30	95	9	8	Cb	15.6		20	32		20		95	20	37	458	219
WÂU																		419	278
JUBA	130	5	30	15	2	8	Cb,As	13.7		25	32		22		83	22	0	377	489

HUMIDITY

Mean % of day

STATION	on 5th	Diff. from normal
Alexandria	68	−4
Ezbekîya	47	−5
Gîza	41	−10
Helwân	39	0

GÎZA GRASS MINIMUM TEMP. ON 6th 13.8 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. feet	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. feet	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. feet	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. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 5th

Height m.	Matruh 14 Dir.	Vel.	Fouad A.P. 15 Dir.	Vel.	Port Said 14 Dir.	Vel.	Minya 15 Dir.	Vel.
300	310	8	320	17	350	13	360	
600	310	13	300	17	10	9	10	
1000	300	20	280	16	20	5	10	
1500			260	23	40	4	360	
2000			240	24			350	
3000			270	17			340	
4000			280	25				
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 6th

Station	Sîdi Barâni		Matrûḥ		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farouk	
Time	5		4		3		4				7 30		3		9				5		9		3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	260	2	330	7	360	12	360	3			20	12	350	16	340	23			350	11	340	33	40	12
600	280	2	340	7	350	11	350	9			350	8	360	21	340	25			350	29	320	32	40	16
1000	320	4	340	13	330	8	360	21			10	13	360	22	340	15			350	26	270	19	20	15
1500	300	9					340	12			10	12	360	23	360	18			320	6	260	9	340	17
2000	310	8									10	10			350	16			250	13			320	14
3000	300	8									340	4			290	12			270	30			300	16
4000																								
5000																							300	18
6000																							290	16
7000																								
8000																								

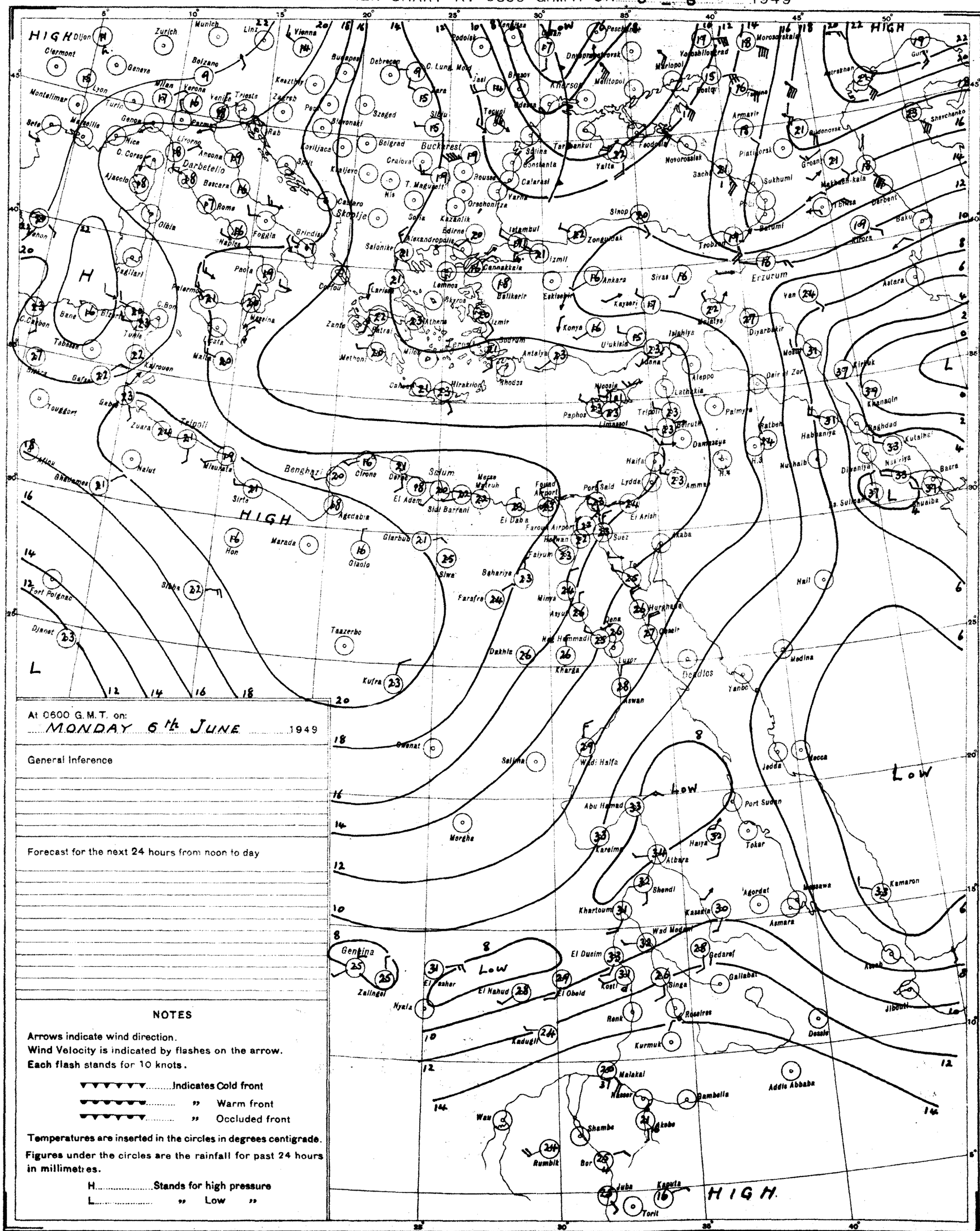
Station	Sîwa		Baḥarîya		Dakhla		Kharga		Wâdi Ḥalfa		Abû Ḥamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	4 30		5		5		4										4				4 30			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	110	10	50	8	40	5	360	23																
600	100	4	60	13	30	10	10	31									180	7						
1000	290	8	20	23	40	21	20	30									230	8			70	13		
1500	330	12	350	37	350	30											320	9			70	40		
2000	330	9	340	42	20	42																		
3000	290	12															360	13						
4000	320	12																						
5000	290	16																						
6000	300	20																						
7000	270	18																						
8000	290	16																						

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 6 6 1949



At 0600 G.M.T. on:
MONDAY 6th JUNE 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼.....Indicates Cold front
▼▼▼▼▼▼..... " Warm front
▼▼▼▼▼▼..... " Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.....Stands for high pressure
L..... " Low "

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
,, ,, hail		87
Rain / Hail	Thunderstorm during the past hour	91 / 93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

Cloudless	—	—
Cirrus	Ci	1
Cirrostratus	Cs	2
Cirrocumulus	Cc	3
Altocumulus	Ac	4
Altostratus	As	5
Stratocumulus	Sc	6
Nimbostratus	Ns	7
Cumulus or Fractocumulus	Cu or Fc	8
Cumulonimbus	Cb	9
Stratus or Fractostratus	St or Fs	0

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1948(48/185)(44/450)

SCALE 1:15,000,000

F.G.

CAIRO
Time of Sunrise 02 53 G. M. T.
" " Sunset 16 54 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: Tuesday 7th June, 1949

At 1200 on Mon. 6th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM	20	12	7?	02	0	0	—	17.1	23	65	16
	62303	SÎDI BARÂNI	30	12	50	01	0	0	—		22	88	20
	62306	MATRÛH	60	8	18	01	1	1	Cu	17.7	24	85	17
	62309	EL DAB'A	360			00	0	0	—		24	61	16
		ALEXANDRIA	360	10	50	00	0	0	—	17.2	24	69	18
	62318	FOUAD (Airport)	340	10	15	02	0	0	—	17.2	25	61	17
	62330	DAMIETTA	360	5	15	01	0	1	Ac	16.4	25	61	17
	62333	PORT SA'ÎD	20	8	30	01	0	0	—	16.8	25	65	18
	62336	EL 'ARISH	320	5	35	01	0	1	Cu	16.7	24	61	16
Lower Egypt	62339	DAMANHUR	360	13	15	02	1	3	Cu	17.6	27	52	16
	62342	MANŞURA	20	9	35	01	1	2	Cu	16.4	30	40	15
	62348	TANTA	310	8	35	02	0	0	—	17.0	28	45	16
	62354	ZAGAZIG	320	9	15	00	0	0	—	17.0	30	49	18
	62441	ISMA'ÎLÎA	360	5	35	02	0	0	—	15.6	29	40	14
Cairo Area	62366	FAROUK (Airport)											
	62372	ALMÂZA	40	10	18	00	0	0	—	16.2	30	40	15
		EZBEKÎYA	360	4	35	00	0	0	—	15.5	30	40	15
		GÎZA	360	4	35	00	0	0	—	15.1	30	36	13
	62378	HELWÂN	360	8	35	02	0	0	—	14.7	30	31	11
Upper Egypt	62381	FAIYÛM	330	5	35	02	0	0	—	15.0	31	28	10
	62387	MINYA	20	15	14	00	0	0	—	14.7	32	26	10
	62393	ASYÛT MANQABÂD	310	16	30	00	0	0	—	13.1	33	16	4
	62399	NAG' HAMMÂDI	320	4	7?	00	0	0	—	10.8	34	27	12
	62402	QENA	240	5	50	00	0	0	—	7.6	38	16	8
	62405	LUXOR	330	18	30	00	0	0	—	9.6	37	13	5
	62414	ASWÂN	340	15	50	00	0	0	—	9.4	37	14	6
Oases	62417	SÎWA	00	0	35	00	0	0	—	18.6	35	53	24
	62420	BAHARÎYA	360	4	35	02	0	0	—	15.5	32	24	9
	62423	FARAFRA	20	6	35	02	0	0	—	16.0	32	15	2
	62432	DAKHLA	40	10	50	00	0	0	—	13.4	32	28	11
	62435	KHARGA	360	5	35	00	0	0	—	13.0	33	30	13
Red Sea	62450	SUEZ	00	0	35	01	0	0	—	14.3	29	35	12
	62459	TÛR	310	13	35	00	0	0	—	11.1	27	62	19
	62462	HURGHÂDA	350	20		00	0	0	—	10.9	27	58	18
	62465	QUSEIR	360	9	15	02	0	0	—	11.0	29	59	20
	62641	PORT SÛDÂN	20	20	7	07	2	7	Ac, Cs	4.5	35	63	27
North Sûdân	62600	WÂDI HALFA	350	18	30	02	0	4	Ci	9.2	38	18	10
	62640	ABU HAMAD	50	9	10	02	1	4	Ci	4.9	43	12	8
	62660	KAREIMA	40	10	10	00	1	0	—	5.6	43	8	1
	62680	'ATBARA	160	2	30	02	2	8	Cs	3.3	43	13	9
	62721	KHARTÛM	200	5	10	05	1	1	Ac	4.8	40	20	13
	62730	KASSALA	360	2	30	03	1	7	Ci, Cs	4.3	40	20	13
Central Sûdân	62751	WÂD MEDANI	230	9	35	02	0	7	Ci	4.6	39	23	14
	62801	RENK	230	4	50	01	1	6	Cu		33	47	20
	62802	ROSEIRES	230	5	35	00	0	0	—		33	41	18
	62771	EL OBEID	230	14	30	02	2	7	Ac	5.9	35	35	17
	62760	EL FÂSHER	50	15	7	05	0	0	—		38	18	10
	62770	GENEINA	130	7	6	05	0	0	—		34	23	10
S. Sûdân	62840	MALAKÂL	270	8	50	02	9	7	Sc, Ac	11.7	24	88	22
	62880	WÂU											
	62941	JUBA	50	2	50	02	2	4	Cu, Ac, Ci	12.0	27	70	21

At 1800 on Mon. 6th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALUM	40	4	7	02	0	0	—	16.8	21	83	18	0
SÎDI BARÂNI	70	7	35	02	0	0	—	17.1	20	95	20	0
MATRÛH												
EL DAB'A	360	10		00	0	0	—		23	61	15	0
ALEXANDRIA	90	3	7	01	1	3	Cu, Sc	17.4	21	74	16	0
FOUAD (Airport)	10	7	13	02	0	2	Sc	17.1	21	83	18	0
DAMIETTA	360	5		02	0	1	Cu	16.8	22	83	19	0
PORT SA'ÎD	20	10	15	02	1	5	Sc	16.6	22	83	19	0
EL 'ARISH	240	5	15	02	1	2	Cu	16.0	25	70	19	0
DAMANHUR	20	9	15	02	0	0	—	17.5	22	83	19	0
MANŞURA	20	9		00	1	0	—	17.2	22	74	17	0
TANTA	00	0	35	02	0	0	—	17.6	25	58	16	0
ZAGAZIG	320	9		00	0	0	—	16.4	23	61	15	0
ISMA'ÎLÎA	20	5	15	02	0	0	—	15.8	23	65	16	0
FAROUK (Airport)												
ALMÂZA												
EZBEKÎYA	360	4	15	00	0	0	—	15.9	25	54	15	0
GÎZA	360	4	15	00	0	0	—	16.0	25	48	13	0
HELWÂN	20	17	15	02	0	0	—	15.5	26	48	14	0
FAIYÛM	330	2	35	02	0	0	—	14.2	28	45	15	0
MINYA	260	9	10	00	0	0	—	14.1	26	42	12	0
ASYÛT MANQABÂD												
NAG' HAMMÂDI	270	2	3?	00	0	0	—	10.4	28	33	10	0
QENA	270	2	7	00	0	0	—	9.6	32	20	6	0
LUXOR	310	11	12	00	0	0	—	9.4	32	22	8	0
ASWÂN	360	8	50	00	0	0	—	9.9	33	16	4	0
SÎWA	00	0	7	00	0	0	—	16.8	27	55	17	0
BAHARÎYA	360	2	15	02	0	0	—	15.5	27	37	11	0
FARAFRA	320	3	15	02	0	0	—	15.9	27	27	6	0
DAKHLA	140	6	35	00	0	0	—	13.8	30	31	11	0
KHARGA	360	1	15	00	0	0	—	13.0	28	33	10	0
SUEZ	360	11	15	02	0	0	—	14.4	24	61	16	0
TÛR	310	10	15	00	0	0	—	10.6	26	70	20	0
HURGHÂDA	310	13		00	0	0	—	10.1	27	62	19	0
QUSEIR	310	5	15	02	0	0	—	10.4	27	70	21	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 7th June,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	40	5	35	02	2	6	Ac	16.0		23	26		16		61	15	0		
SÎDI BARÂNI	320	4	50	03	2	5	Sc, Cu	16.6		22	23		16		83	19	0	278	
MATRÛH	360	1	12	02	0	6	Sc	16.4		22			15		74	17	0		
EL DAB'A	320	10		00	1	4	Cu			22			15		83	19	0		
ALEXANDRIA	310	4	50	01	2	3	Cu, Sc	15.5	+2.1	21	25	−3	18	−2	74	16	0	267	186
FOUAD (Airport)	340	7	14	02	0	2	Sc	15.0		22	26		15		74	17	0	265	138
DAMIETTA	340	2		03	1	6	Fs, Fc	14.8	+2.8	22	26		15		74	17	0	319	106
PORT SA'ÎD	20	3	15	02	1	5	Sc	14.7		24	26		20		65	17	0	72	
EL 'ARISH	160	2	35	03	1	4	Cu	14.2	+2.0	23	25	−3	17	0	65	16	0		94
DAMANHÛR	40	9	15	01	1	3	Cu	15.5	+2.8	22	28	−4	16	−2	83	19	0	102	101
MANŞÛRA	40	2	35	01	0	3	Cu	15.1	+2.7	24	30	−3	17	−1	69	18	0	49	55
TANTA	00	0	35	02	0	0	—	15.9	+3.1	22	31	−3	14	−3	74	17	0	34	44
ZAGAZIG	40	5	7	02	1	3	Ac	14.8	+2.2	24	32	−2	17	0	69	18	0	21	27
ISMA'ÎLÎA	110	2	7	00	0	2	Sc	14.4		24	29		19		61	16	0	14	
FAROUK (Airport)	20	12		00	0	0	—	13.8		23			16		65	16	0		
ALMÂZA	40	5	14	00	0	0	—	13.8	+1.4	24			18		65	17	0		
EZBEKÎYA	40	9	15	00	0	0	—	14.3	+1.9	24	31	−4	19	0	61	16	0	8	26
GÎZA	40	9	15	00	0	0	—	14.2	+1.9	24	31	−3	19	+2	58	16	0	16	26
HELWÂN	340	6	15	02	0	0	—	13.6	+1.4	23	31	−3	17	−2	50	12	0	16	29
FAIYÛM	330	5	35	02	0	0	—	14.2	+2.1	24	32	−4	17	−2	54	14	0	8	8
MINYA	20	10	12	00	0	0	—	13.7		24	33		18		54	14	0	5	
ASYÛT MANQABÂD	340	3	30	00	0	0	—	13.2		25	33		20		58	16	0	dr	
NAG' HAMMÂDI	320	3		00	0	0	—	11.1	+1.5	26	35		20		48	14	0	0	
QENA	240	5	35	00	0	0	—	10.6	+1.2	27	40	0	21	−2	37	11	0	dr	
LUXOR											38							dr	
ASWÂN	360	4	50	00	0	0	—	10.7	+1.3	27	39	−2	22	−3	42	13	0	2	
SÎWA	00	0	35	00	0	0	—	15.9	+2.1	26	35	−2	17	−1	55	16	0	1	8
BAHARÎYA	00	0	35	02	0	0	—	15.3	+2.5	27	33	−3	17	−2	52	16	0	dr	7
FARAFRA	00	0	35	02	0	0	—	15.4		26	33		18		42	12	0	dr	
DAKHLA	00	0	35	00	0	0	—	13.3	+1.9	27	34	−5	21	−1	37	11	0	dr	
KHARGA	20	2	35	00	0	0	—	13.3	+3.3	26	34	−5	23	0	42	12	0	0	
SUEZ	00	0	35	00	0	0	—	13.4	+1.9	24	31	−3	18	−2	54	14	0	12	17
TÛR	310	9	35	00	0	0	—	10.7?	+1.5	24	30	−3	22	0	69	18	0	dr	13
HURGHADA	330	25		00	0	0	—	10.7		24	28				65	17	0	7	
QUSEIR	360	19	15	02	0	0	—	10.4	+1.4	27	30	−2	24	−1	55	17	0	0	4
PORT SÛDÂN	350	9	30	01	2	7	Ac, Cs	6.8		33	38		26		66	26	0	35	97
WÂDI HALFA	360	14	30	00	0	0	—	10.6		27	39		23		28	7	0	14	
ABU HAMAD	360	10	4	07	1	1	Ac	6.1		32	44		27		21	7	0		
KAREIMA	360	12	30	00	1	1	Ac	7.7		30	44		26		17	2	0	5	2
'ATBARA	360	9	30	01	2	1	Ac	6.0		34	44		29		18	6	0	8	7
KHARTÛM	310	6	10	02	4	0	—	6.7		33	41		31		32	14	0	13	9
KASSALA	180	13	30	00	0	0	—	9.6		30	41		26		43	16	0	44	28
WÂD MEDANI	230	9	50	02	8	7	Ci	9.9		28	40		21		66	21	dr	71	30
RENK	230	5	50	00	0	0	—	10.2		28	34		21		66	21			104
ROSEIRES	180	19	35	00	0	0	—			27	37		23		62	19	0	93	136
EL OBEID	200	12	30	00	1	0	—	10.0		27	37		24		55	17	0	83	42
EL FÂSHER	00	0	30	00	0	0	—			27	39		22		33	9	0	18	18
GENEINA	20	1	10	01	0	4	Ci			25	39		23		22	2	0		35
MALAKÂL	160	7	30	02	1	6	Ac, Sc	12.5		23	26		20		94	22	2	460	223
WÂU	00	0	30	01	1	5	Ac, Ci	11.8		22	32		20		88	20	0.1	419	403
JUBA	80	1	30	00	1	2	Cu, Cs			25	27		21		83	22	12	389	495

HUMIDITY % Mean of day

Station	on 6th	Diff. from normal
Alexandria	67	−5
Ezbekîya	54	+2
Gîza	53	+2
Helwân	53	+14

GÎZA GRASS MINIMUM TEMP. ON 7th 16.1 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. feet	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — On ..... At ..... AIRPORT

Pressure mbs.	Height above M.S.L. feet	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. feet	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. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 6th

Height m.	Matruh Dir.	Matruh Vel.	Fouad A.F. Dir.	Fouad A.F. Vel.	Port Said Dir.	Port Said Vel.	Minya Dir.	Minya Vel.
Station	Matruh		Fouad A.F.		Port Said		Minya	
Time	14 30		15		14		15	
300	20	19	350	16	360	20	360	25
600	350	9	340	25	10	12	350	25
1000	320	11	340	25	340	8	360	38
1500	270	14	340	26	350	15	350	38
2000	270	16	330	30	320	9	360	31
3000			320	16	320	9		
4000					360	4		
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 7th

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Farouk Dir.	Farouk Vel.
Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farouk	
Time	5		4		4		4				6 30				9				5		9		3	
300	340	6	340	5	210	3	40	5			330	11			340	11			360	4	330	35	60	10
600	330	5	350	6	10	4	60	4			20	10			350	13			360	25	310	30	360	15
1000	340	5			340	10	320	9			20	18			350	14			10	23	320	20	350	18
1500					320	29	330	14			340	19			360	22					210	4	350	12
2000					310	25	310	3			340	10											350	8
3000					300	10					340	10											330	15
4000					280	16																	260	14
5000																							240	18
6000																							250	26
7000																								
8000																								

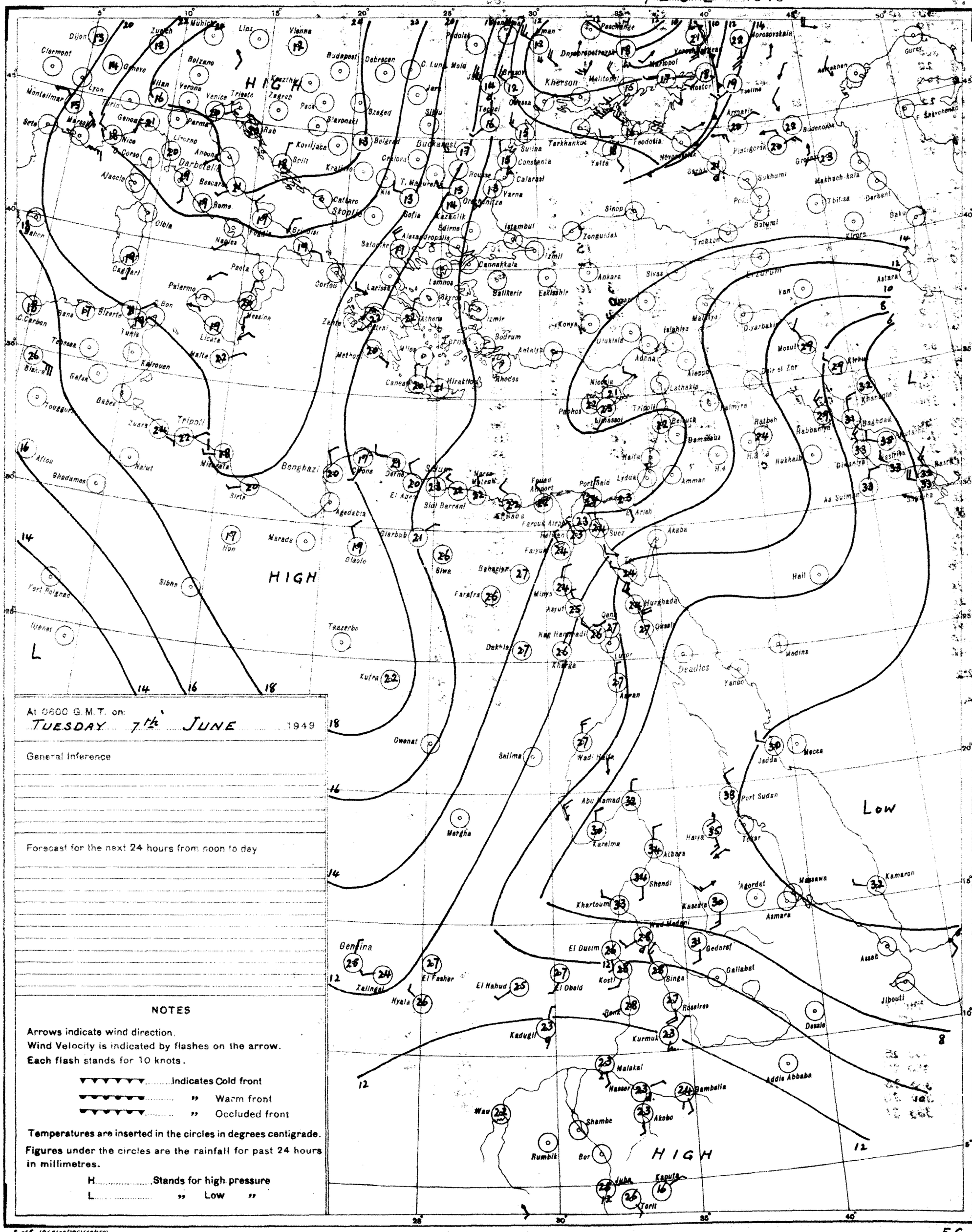
Height m.	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	4 30		5		5		4 30																	
300	330	12	100	4	10	3	20	18																
600	330	11	40	4	20	12	20	24																
1000	320	11	320	10	360	26	20	26																
1500	240	8	320	23	350	30																		
2000	310	15	330	26																				
3000	310	16																						
4000	300	12																						
5000	280	15																						
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 7 – 6 – 1949


HIGH
HIGH
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L
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Low
Kherson
Odessa
Sevastopol
Feodosia
Yalta
Tarkhankut
Constanta
Sulina
Varna
Bucharest
Craiova
Belgrad
Budapest
Debrecen
Vienna
Graz
Zagreb
Sofia
Salonika
Athens
Istanbul
Izmir
Ankara
Sinop
Trabzon
Erzurum
Van
Diyarbakir
Mosul
Baghdad
Basra
Khanaqin
Kirkuk
Tbilisa
Baku
Batumi
Sukhumi
Makhach-kala
Astara
Kirovabad
Tripoli
Benghazi
Malta
Cagliari
Palermo
Naples
Rome
Marseille
Nice
Genoa
Milan
Lyon
Clermont
Dijon
Zurich
Munich
Linz
Budapest
Cairo
Port Said
Suez
Aswan
Wadi Halfa
Khartoum
Port Sudan
Massawa
Asmara
Kassala
Gedaref
Kosti
El Obeid
El Fasher
Nyala
Geneina
Zalingei
Kadugli
Malakal
Nasser
Bor
Juba
Torit
Kapoeta
Wau
Rumbik
Shambe
Akobo
Gambella
Addis Ababa
Dessie
Asmara
Jedda
Mecca
Port Sudan
Aden
Hurghada
Luxor
Khartoum
Omdurman
Wad Madani
Kosti
Roseires
Kurmuk
Gallabat
Binga
Jibouti
Assab
Kamaran
Aden
Socotra
Deadlos
Yambo
Medina
Hail
Ratbeh
Habbaniya
Nukhaib
Ar Sulmaniya
Kirkuk
Mosul
Erbil
Van
Tripoli
Benghazi
Tobruk
Derna
Sidi Barrani
Marsa Matruh
Siwa
Bahariya
Farafra
Dakhla
Kufra
Owenat
Sebha
Murzuk
Ghadames
Nalut
Sirte
Tobruk
Malta
Tunis
Bizerta
Sfax
Gafsa
Tozeur
Kairouan
Bône
Constantine
Algiers
Oran
Tlemcen
Biskra
Tamanrasset
Ajaccio
Bastia
Cagliari
Palermo
Messina
Catania
Naples
Rome
Pisa
Genoa
Milan
Venice
Trieste
Zagreb
Split
Dubrovnik
Corfu
Larissa
Lemnos
Mytilene
Rhodes
Antalya
Konya
Adana
Aleppo
Latakia
Tripoli
Beirut
Damascus
Haifa
Lydda
Amman
Ar Ramadi
Ar Rutbah
Ar Ruwaysah
Ar Sulmaniya
Kirkuk
Mosul
Erbil
Van
Tabriz
Rasht
Tehran
Mashhad
Bushire
Abadan
Bandar Abbas
Muscat
Salalah
Aden
Socotra
Hail
Madina
Mecca
Jedda
Port Sudan
Asmara
Massawa
Kamaran
Assab
Jibouti
Dessie
Addis Ababa
Gambella
Akobo
Juba
Torit
Kapoeta
Wau
Rumbik
Bor
Shambe
Malakal
Nasser
Kadugli
El Obeid
El Fasher
Nyala
Zalingei
Geneina
El Nahud
Kosti
Gedaref
Khartoum
Omdurman
Wad Madani
Kassala
Atbara
Shendi
Karima
Haiya
Tokar
Agordat
Asmara
Massawa
Kamaran
Aden
Socotra
Deadlos
Yambo
Medina
Hail
Ratbeh
Habbaniya
Nukhaib

CAIRO

Time of Sunrise 02 53 G. M. T.

" " Sunset 16 55 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: Wednesday 8th June, 1949

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	SALUM	40	12	15	03	0	1	Ac	16.0	23	65	16
	62303	SÎDI BARÂNI	340	8	50	01	1	3	Sc, Cu	16.6	24	74	19
	62306	MATRÛH											
	62309	EL DABA	320	15		00	0	0	—	16.4	24	95	23
		ALEXANDRIA	310	10	50	01	2		Sc, Cu, Ac	15.0	23	65	16
	62318	FOUAD (Airport)	360	14	18	02	0	2	Cu	14.9	25	65	18
	62330	DAMIETTA	340	5	15	01	1	3	Fs, Fc	14.4	24	69	18
	62333	PORT SA'ID	20	8	30	02	0	2	Cu	14.3	25	68	16
	62336	EL 'ARISH	320	2	35	01	0	0	—	14.6	24	69	18
Lower Egypt	62339	DAMANHUR	40	9	15	02	0	0	—	15.4	27	52	16
	62342	MANSURA	360	9	35	01	1	1	Cu	13.9	30	40	15
	62348	TANTA	310	5	35	02	0	0	—	14.6	30	35	13
	62354	ZAGAZIG	320	5	15	00	1	0	—	14.2	31	38	15
	62441	ISMAÎLÎA	360	5	35	02	0	0	—	13.0	29	40	14
Cairo Area	62366	FAROUK (Airport)											
	62372	ALMAZA	40	9	18	00	0	0	—	12.8	30	46	17
		EZBEKÎYA	30	5	35	00	0	0	—	13.0	30	40	15
		GÎZA	30	5	35	00	0	0	—	13.2	30	36	13
	62378	HELWÂN	340	15	35	02	0	0	—	12.7	30	31	11
Upper Egypt	62381	FAIYÛM	360	8	35	02	0	0	—	12.6	32	28	11
	62387	MINYA	30	19	14	00	0	0	—	12.3	33	24	10
	62393	ASYÛT MANQABÂD	360	13	30	00	0	0	—	10.6	34		
	62399	NAG' HAMMÂDI	270	4	7	00	0	0	—	8.3	35	19	8
	62402	QENA	270	5	50	00	0	0	—	7.6	39	14	7
	62405	LUXOR											
	62414	ASWÂN	360	5	50	00	0	0	—	6.7	38	15	7
Oases	62417	SÎWA	00	0	35	00	0	0	—	15.8	34	74	29
	62420	BAHARÎYA	270	6	35	02	0	0	—	12.6	33	21	8
	62423	FARAFRA	340	5	35	02	0	0	—	13.9	34	14	3
	62432	DAKHLA	40	11	50	00	0	0	—	12.4	34	22	9
	62435	KHARGA	20	3	35	00	0	0	—	11.0	35	29	14
Red Sea	62450	SUEZ	360	9	35	02	0	0	—	11.1	30	31	11
	62459	TÛR	310	15	35	00	0	0	—	9.0	27	62	19
	62462	HURGHADA	360	17		00	0	0	—	8.9	27	62	19
	62465	QUSEIR	20	13	15	02	0	0	—	8.7	29	66	22
	62641	PORT SUDAN	60	11	30	00	0	0	—	4.5	35	63	27
North Sudan	62600	WÂDI HALFA	360	19	30	02	0	9	Ci	7.2	38	11	3
	62640	ABU HAMAD	360	5	30	02	1	5	Ac	7.3	42	14	9
	62660	KAREIMA	20	5	30	00	1	1	Ac				2
	62680	'ATBARA		9	30	02	0	1	Ac		40	15	9
	62721	KHARTUM	340	3	4								7
	62780	KASSALA	200	2	50	01	1	3	Cs	3.7	39	26	16
Central Sudan	62751	WÂD MEDANI	230		35	02	1	7	Ci	4.4	38	25	15
	62801	RENK	230	5	50	00	0	0	—		32	46	19
	62802	ROSEIRES	270	5	35	00	0	0	—		36	31	16
	62771	EL OBEID	210	13	30	00	0	0	—	5.3	36	27	14
	62760	EL FÂSHER	70	10	50	01	1	4	Ac, Ci		37	13	4
	62770	GENEINA	20	10	30	00	0	2	Ci		37	5	-9
S. Sudan	62840	MALAKÂL											
	62880	WÂU	00	0	30	02	1	6	Ac, Ci	9.1	31	49	19
	62941	JUBA	360	2	30	03	1	4	Cu	8.6	31	59	22

At 1800 on Tues 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	360	6	7	03	2	7	St, Ac	16.3	21	83	18	0
SÎDI BARÂNI	360	4	35	02	1	3	Sc, Cu	17.1	21	88	19	0
MATRÛH												
EL DABA	320	10		00	0	0	—		23	88	21	0
ALEXANDRIA	360	11	7	01	1	4	Cu, Sc	14.8	21	74	16	0
FOUAD (Airport)	360	11	12	01	1	5	Sc	15.2	21	74	16	0
DAMIETTA	340	5		02	1	3	Cu	14.3	22	74	17	0
PORT SA'ID	350	9	15	02	0	1	Sc	14.2	22	69	16	0
EL 'ARISH			15	03	1	3	Cu	14.3	25	70	19	0
DAMANHUR	40	5	15	02	1	1	Cu	15.1	22	74	17	0
MANSURA	360	5	3	00	1	0	—	14.6	23	65	16	0
TANTA	00	0	35	02	0	0	—	14.2	25	61	17	0
ZAGAZIG	40	5	3	00	0	0	—	13.9	24	69	18	0
ISMAÎLÎA	360	2	15	02	0	0	—	13.6	23	61	15	0
FAROUK (Airport)												
ALMAZA	360	10	12	00	0	0	—	13.5	27	55	17	0
EZBEKÎYA	40	3	15	00	0	0	—	13.8	26	48	14	0
GÎZA	40	3	15	00	0	0	—	14.0	25	53	15	0
HELWÂN	340	16	15	02	0	0	—	12.2	27	42	13	0
FAIYÛM	330	2	35	02	0	0	—	12.4	28	40	13	0
MINYA	20	7	10	00	0	0	—	11.8	26	48	14	0
ASYÛT MANQABÂD												
NAG' HAMMÂDI	00	0	3	00	0	0	—	8.6	29	35	12	0
QENA	290	5	7	00	0	0	—	10.4	33	16	4	0
LUXOR	300	11	12	00	0	0	—	7.9	33	12	0	0
ASWÂN	360	4	50	00	0	0	—	8.3	34	14	3	0
SÎWA	320	8	7	00	0	0	—	14.3	29	59	20	0
BAHARÎYA	360	2	15	02	0	0	—	12.7	29	29	9	0
FARAFRA	320	2	15	02	0	0	—	12.3	28	22	4	0
DAKHLA	320	6	35	00	0	0	—	11.4	30	21	5	0
KHARGA	00	0	15	00	0	0	—	10.3	30	31	11	0
SUEZ	360	6	15	02	0	0	—	12.4	25	47	13	0
TÛR	310	11	15	00	0	0	—	7.4	29	52	18	0
HURGHADA	320	21		00	0	0	—	8.0	28	55	18	0
QUSEIR	330	9	15	02	0	0	—	8.6	27	62	19	0
PORT SUDAN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Wednesday 8th June,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	40	4	7	03	1	2	Ac	17.9		23	25		18		65	16	0		
SÎDI BARÂNI	20	7	50	01	0	0	—	19.0		23	24		19		74	18	0	278	
MATRÛH	40	10		00	0	0	—	17.8		22			20		78	18	0		
EL DABA	360			01	1	2	Cu	17.1		23	28		19		88	21	0		
ALEXANDRIA	360	11	50	01	2		Sc, Cu, Ac	16.2	+2.9	22	25	-3	18	-2	65	15	0	267	186
FOUAD (Airport)	360	13	18	02	0	1	Sc	15.6		23	26		20		65	16	0	265	138
DAMIETTA	340	2		02	1	3	Fs, Fc	15.1	+3.1	23	25		18		74	18	0	319	106
PORT SA'ID	10	8	15	03	2	7	Sc	15.0		24	26		21		69	18	0	72	
EL 'ARISH			35	02	1	3	Cu	14.0	+1.8	23	25	-3	20	+3	65	16	0		94
DAMANHUR	360	9	15	02	0	0	—	15.9	+3.2	24	28	-4	17	-1	61	16	0	102	101
MANSURA	360	5	35	01	0	2	Cu	15.6	+3.3	25	31	-3	17	-1	61	17	0	49	55
TANTA	360	5	35	02	0	0	—	15.1	+2.4	24	30	-4	15	-2	69	18	0	24	44
ZAGAZIG	320	5	7	02	1	4	Ac	15.6	+3.1	24	33	-1	17	0	69	18	0	21	27
ISMAÎLÎA	20	2	7	00	2	6	Sc.	14.8		24	30		19		61	16	0	14	
FAROUK (Airport)																			
ALMAZA	30	11	13	03	2	6	Sc	15.1	+2.8	22	32		18		78	18	0		
EZBEKÎYA	20	8	15	01	0	1	Cu	15.6	+3.3	24	32	-3	19	0	61	16	0	8	26
GÎZA	20	8	15	01	0	1	Cu	15.5	+3.3	23	32	-2	19	+2	66	16	0	16	26
HELWÂN	360	14	15	03	1	2	Cu	15.2	+3.0	22	31	-3	18	-2	65	15	0	16	29
FAIYÛM	20	8	35	00	0	2	Cu, Sc	15.2	+3.2	23	33	-3	18	-1	65	16	0	8	8
MINYA	30	18	12	00	0	0	—	14.5		23	34		19		61	15	0	5	
ASYÛT MANQABÂD	340	4	30	00	0	0	—	13.1		24	35		20		54	14	0	dr	
NAG' HAMMÂDI	360	4	15	00	0	0	—	11.4	+1.9	27	37		21		42	13	0	0	
QENA	270	5	35	00	0	0	—	10.4	+1.1	27	41	+1	22	-1	42	13	0	dr	
LUXOR	330	16	30	00	0	0	—	10.2		29	39		21		25	7	0	dr	
ASWÂN	360	6	50	00	0	0	—	10.6	+1.2	28	40	-1	23	-2	42	14	0	2	
SÎWA	40	5	35	00	0	0	—	18.6	+4.8	24	35	-2	19	+1	61	16	0	1	8
BAHARÎYA	360	6	35	02	0	0	—	15.8	+3.0	22	35	-1	19	0	65	15	0	dr	7
FARAFRA	20	4	15	02	0	0	—	16.0		24	36		18		47	12	0	dr	
DAKHLA	00	0	35	00	0	0	—	13.1	+1.8	27	36	-3	23	+1	37	11	0	dr	
KHARGA	20	5	35	00	0	0	—	12.7	+2.7	27	35	-4	23	0	52	16	0	0	
SUEZ	00	0	35	00	0	1	Cu	13.6	+2.2	23	31	-3	19	-2	61	15	0	12	17
TÛR	310	8	35	00	0	0	—	10.8	+1.7	24	31	-2	23	0	69	18	0	dr	13
HURGHADA	330	27		00	0	0	—	10.5		24	28		22		69	18	0	7	
QUSEIR	360	19	15	02	0	0	—	9.6	+0.6	27	30	-2	23	-2	62	19	0	0	4
PORT SUDAN	360	4	30	01	1	5	Ac, Ci	8.3		33	39		25		63	25	0	35	97
WÂDI HALFA	10	8	30	00	0	0	—	10.9		29	40		21				0	14	
ABU HAMAD	50	17	4	07	0	0	—	5.9		33	43		28		19	6	0		
KAREIMA	20	10	30	00	1	0	—	7.8		32	43		21		13	0	0	5	2
'ATBARA	110	5	30	01	0	2	Ci	6.6		33	45		30		17	5	0	8	7
KHARTUM	230	16	1	33	3	3	Ac	8.3		31	42		26		43	17	0	13	9
KASSALA	180	9	30	00	1	0	—	8.8		30	41		26		43	16	0	44	29
WÂD MEDANI	180	13	50	02	1	6	Cs	8.7		30	39		25		43	16	0	71	31
RENK	230	9	50	02	2	6	Ci			29	35		20		59	20	0		107
ROSEIRES	110	5	35	02	1	2	Cs			25	37		21		79	21	6	99	140
EL OBEID	160	13	30	03	1	5	Ac, Ci	10.5		28	38		26		52	17	0	83	43
EL FÂSHER	00	0	30	00	0	0	—			27	38		22		40	12	0	18	19
GENEINA	50	2	30	01	1	8	Ci			29	37		25		19	3	0		36
MALAKÂL	70	8	50	15	2	7	Cb, Ac	13.6		24	31		23		88	22	0	460	227
WÂU	00	0	30	00	0	1	Ci	11.4		25	32		23		88	23	0	419	408
JUBA																	0	389	499

HUMIDITY

Mean % of day

STATION	on 7th	Diff. from normal
Alexandria	69	-3
Ezbekiya	56	+4
Giza	53	+2
Helwân	45	+5

GÎZA

GRASS MINIMUM TEMP. ON 8th 15.9 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ..... At .....

Pressure mbs.	Height above M.S.L. feet	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks .....

RAWINSONDE

On ..... At ..... AIRPORT

Pressure mbs.	Height above M.S.L. feet	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. feet	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. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 7th

Height m.	Port Said Time 14 Dir.	Vel.	Dir.	Vel.	Minya Time 15 Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	350	16			360																					
600	340	12			350																					
1000	340	17			360																					
1500	310	11			360																					
2000	280	15			350																					
3000	270	14																								
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 8th

Height m.	Sîdi Barâni Time 4 Dir.	Vel.	Matrûh Dir.	Vel.	Fouad Airport 5 Dir.	Vel.	Port Said 3 Dir.	Vel.	El 'Arîsh Dir.	Vel.	Helwân 6 30 Dir.	Vel.	Minya 3 Dir.	Vel.	Asyût Manqabad 4 Dir.	Vel.	Luxor Dir.	Vel.	Aswân 9 Dir.	Vel.	Hurghada 3 Dir.	Vel.	Farouk 4 Dir.	Vel.
300			360	14	340	16	340	9			20	15	360		340	15			10	24	330	13	360	14
600			10	11	350	16	340	9			10	25	10		10	22			360	15	330	31	10	11
1000			10	19	350	14					30	19	360		30	28			360	31	340	18	10	19
1500			360	16	320	15					10	24	330		40	27			10	5	330	16	360	16
2000			350	16	340	15					360	7	340		40	18			300	8	320	9	350	16
3000			330	20	320	15					330	13	340						290	18			330	20
4000			320	16	290	9					320	20							270	16			320	16
5000			340	15	290	13					280	15							270	10			340	15
6000					280	15																		
7000					270	18																		
8000																								

Height m.	Sîwa Time 9 Dir.	Vel.	Bahariya 5 Dir.	Vel.	Dakhla 5 Dir.	Vel.	Kharga 9 Dir.	Vel.	Wâdi Halfa 4 Dir.	Vel.	Abû Hamad 2 30 Dir.	Vel.	Kareima Dir.	Vel.	Khartûm Dir.	Vel.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fâsher 4 30 Dir.	Vel.	Malakâl Dir.	Vel.
300	80	24	30	18	60	3	10	23	30	15														
600	80	28	40	23	60	8	360	25	10	30	30	25												
1000	70	15	40	24	40	26	360	20	20	21	30	17									20	3		
1500	30	6			30	31	350	28	30	13	10	5									70	5		
2000	10	16					330	16	340	3														
3000	330	12							280	19	30	6												
4000	340	11																						
5000	350	7																						
6000	350	10																						
7000	20	4																						
8000																								

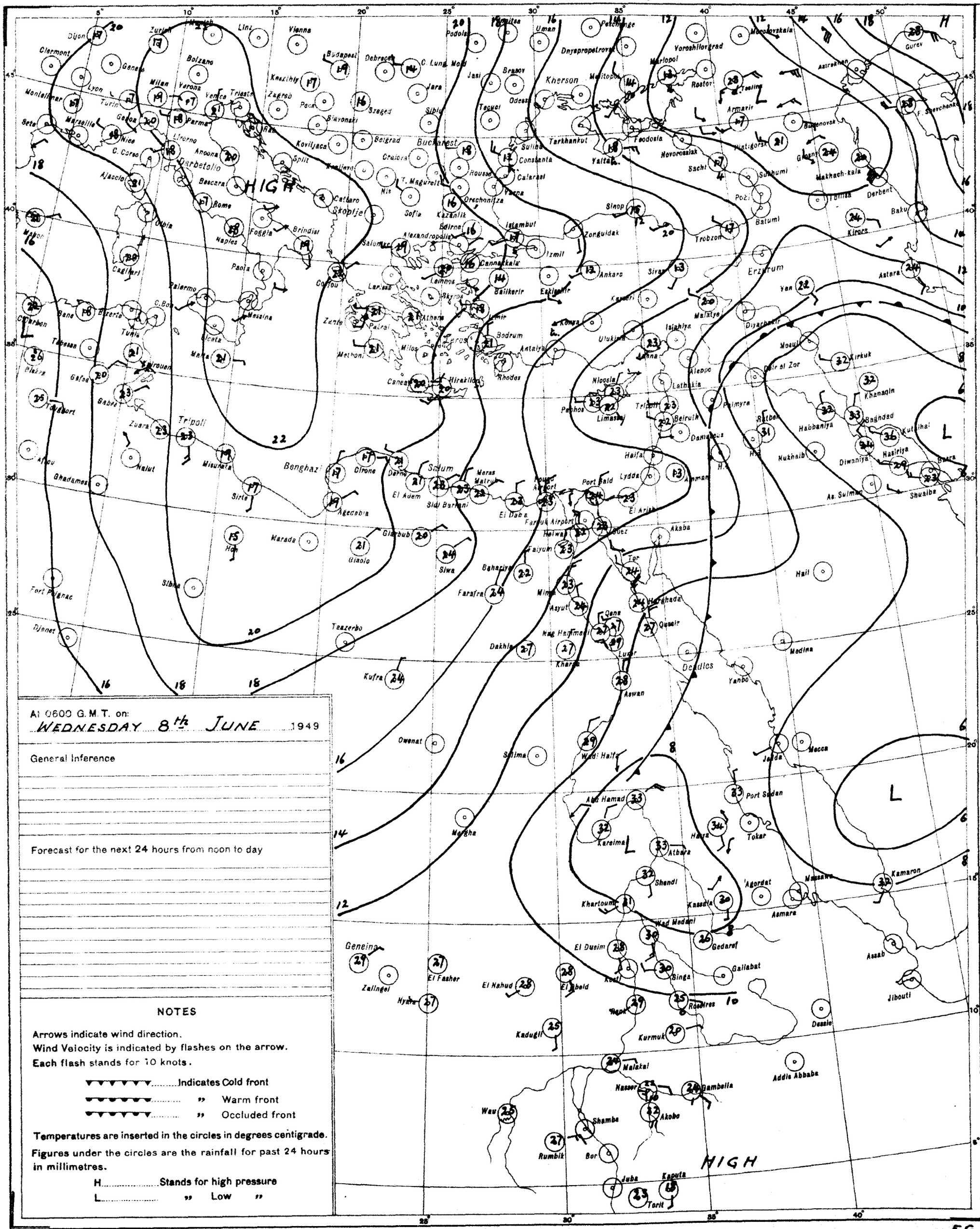
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 8 - 6 - 1949


HIGH
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Zurich
Munich
Linz
Vienna
Budapest
Debrecen
C. Lung. Moldova
Jasi
Brasov
Odessa
Kherson
Dnyepropetrovsk
Voroshilovgrad
Mariopol
Rostov
Astrakhan
Gurev
Clermont
Genève
Lyon
Turin
Milan
Verona
Venice
Trieste
Bolzano
Montelimar
Marseille
Genoa
Parma
Nice
C. Corso
Livorno
Ancona
Perugia
Ajaccio
Bastia
Rome
Naples
Foggia
Brindisi
Cagliari
Palermo
Messina
Catania
Malta
Tunis
Bizerta
Bone
Algiers
Oran
Tlemcen
Tangier
Casablanca
Agadir
Gafsa
Tripoli
Benghazi
Misurata
Sirte
Nalut
Ghadames
Kufra
Siwa
Marada
Giaolo
Giarabub
Agedabia
Cirene
Darna
El Adem
Sidi Barrani
Sollum
Meras Matruh
El Daba
Farouk Airport
Heliwan
Port Said
Lydda
Haifa
Amman
Suez
Akaba
Tor
Faiyum
Bahariya
Farafra
Asyut
Minya
Kharga
Dakhla
Luxor
Qena
Hurghada
Qeseir
Aswan
Wadi Halfa
Abu Hamad
Kareima
Atbara
Shendi
Khartoum
Kassala
Wad Medani
Gedaref
El Obeid
El Fasher
El Nahud
Geneina
Zalingei
Hyala
Kadugli
Kurmuk
Malakal
Nasser
Gambella
Akobo
Shambe
Bor
Rumbik
Wau
Juba
Kapoeta
Torit
Addis Ababa
Dessie
Asmara
Massawa
Agordat
Kamaron
Assab
Jibouti
Gallabat
Singa
Roseires
Kosti
Tokar
Port Sudan
Jedda
Mecca
Medina
Yanbo
Deadlos
Erzerum
Van
Mosul
Kirkuk
Diyarbekir
Malatya
Sivas
Ankara
Kayseri
Konya
Eskisehir
Balikesir
Izmir
Istanbul
Izmit
Zonguldak
Sinop
Trabzon
Batumi
Tbilisi
Baku
Kirovs
Astara
Derbent
Makhach-kala
Kutaisi
Sukhumi
Poti
Novorossiysk
Sochi
Yalta
Feodosia
Tuapse
Armavir
Budyonovsk
Pyatigorsk
Grozny
Bagdad
Basra
Shuaiba
As Sulmi
Nukhaib
Diwaniya
Hasiriya
Habbaniya
Rutbah
Palmyra
Aleppo
Latakia
Beirut
Damascus
Tripoli
Limassol
Nicosia
Famagusta
Larnaca
Ulukisla
Adana
Iskenderun
Antalya
Rhodes
Bodrum
Mersin
Cannakkale
Salonica
Athens
Piraeus
Volos
Larissa
Corfou
Zante
Methoni
Milos
Canea
Heraklion
Sofia
Kazanlik
Varna
Constanta
Calarasi
Rousse
Orschowitza
Sulina
Tarkhankut
Tecuci
Sibiu
Cluj
Oradea
Szeged
Debrecen
Kecskemet
Zagreb
Split
Kragujevac
Belgrad
Craiova
Bucharest
Nis
T. Magurele
Skopje
Cattaro
Koviljaca
Sarajevo
Bari
Brindisi
Foggia
Naples
Rome
Ancona
Perugia
Parma
Genoa
Milan
Verona
Venice
Trieste
Bolzano
Innsbruck
Munich
Linz
Vienna
Budapest
Debrecen
Kecskemet
Szeged
Zagreb
Split
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Salonica
Athens
Piraeus
Volos
Larissa
Corfou
Zante
Methoni
Milos
Canea
Heraklion
Rhodes
Bodrum
Antalya
Mersin
Cannakkale
Balikesir
Izmir
Istanbul
Izmit
Zonguldak
Sinop
Trabzon
Ankara
Eskisehir
Konya
Kayseri
Sivas
Erzerum
Van
Malatya
Diyarbekir
Mosul
Kirkuk
Erbil
Aleppo
Latakia
Palmyra
Rutbah
Baghdad
Khanaqin
Kut el Imara
Basra
Shuaiba
As Sulmi
Nukhaib
Diwaniya
Hasiriya
Habbaniya
Beirut
Damascus
Haifa
Amman
Lydda
Port Said
Suez
Akaba
Tor
Hurghada
Qeseir
Luxor
Qena
Aswan
Deadlos
Yanbo
Medina
Mecca
Jedda
Port Sudan
Tokar
Kamaron
Massawa
Asmara
Agordat
Assab
Jibouti
Addis Ababa
Dessie
Gallabat
Singa
Roseires
Kosti
Gedaref
Kassala
Khartoum
Wad Medani
Shendi
Atbara
Kareima
Abu Hamad
Wadi Halfa
Aswan
Kurmuk
Malakal
Nasser
Gambella
Akobo
Shambe
Bor
Rumbik
Wau
Juba
Kapoeta
Torit
Geneina
Zalingei
Hyala
El Fasher
El Nahud
El Obeid
Kadugli
Owenat
Selima
Merga
Tazerbo
Kufra
Djanet
Fort Polignac
Sibha
Ghadames
Nalut
Misurata
Sirte
Tripoli
Benghazi
Agedabia
Cirene
Darna
El Adem
Sidi Barrani
Sollum
Marada
Giaolo
Giarabub
Siwa
Farafra
Bahariya
Faiyum
Minya
Asyut
Kharga
Dakhla
Luxor
Qena
Hurghada
Qeseir
Aswan
Wadi Halfa
Abu Hamad
Kareima
Atbara
Shendi
Khartoum
Kassala
Wad Medani
Gedaref
Gallabat
Singa
Roseires
Kosti
El Obeid
El Fasher
El Nahud
Geneina
Zalingei
Hyala
Kadugli
Kurmuk
Malakal
Nasser
Gambella
Akobo
Shambe
Bor
Rumbik
Wau
Juba
Kapoeta
Torit
Addis Ababa
Dessie
Asmara
Massawa
Agordat
Kamaron
Assab
Jibouti
Port Sudan
Tokar
Jedda
Mecca
Medina
Yanbo
Deadlos
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Van
Mosul
Kirkuk
Diyarbekir
Malatya
Sivas
Ankara
Kayseri
Konya
Eskisehir
Balikesir
Izmir
Istanbul
Izmit
Zonguldak
Sinop
Trabzon
Batumi
Tbilisi
Baku
Kirovs
Astara
Derbent
Makhach-kala
Kutaisi
Sukhumi
Poti
Novorossiysk
Sochi
Yalta
Feodosia
Tuapse
Armavir
Budyonovsk
Pyatigorsk
Grozny
Astrakhan
Gurev
Rostov
Mariopol
Voroshilovgrad
Dnyepropetrovsk
Odessa
Kherson
Jasi
Brasov
Tecuci
Sibiu
Cluj
Oradea
Szeged
Debrecen
Kecskemet

CAIRO

Time of Sunrise 02 53 G. M. T.

" " Sunset 16 55 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: Thursday 9th June, 1949

At 1200 on Wed. 8th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM											
	62303	SÎDI BARÂNI											
	62306	MATRÛH											
	62309	EL DABA	320			01	1	4	Cu		24	94	23
		ALEXANDRIA	360	16	50	01	2		Sc,Cu	15.6	23	65	16
	62318	FOUAD (Airport)	360	18	18	01	1	1	Cu	15.8	25	58	16
	62330	DAMIETTA	340	5	15	01	0	1	Ac	14.8	24	74	19
	62333	PORT SAÏD	10	10	30	02	0	1	Sc	14.7	25	61	17
	62336	EL 'ARISH	340	2	35	01	0	1	Cu	14.7	24	69	18
Lower Egypt	62339	DAMANHUR	40	9	15	02	0	0	—	15.4	27	62	14
	62342	MANSURA	40	13	35	00	1	0	—	14.6	29	35	12
	62348	TANTA	360	8	35	02	0	0	—	15.1	29	35	12
	62354	ZAGAZIG	40	5	15	01	1	1	Ac	13.5	31	38	15
	62441	ISMA'ILIA	360	9	35	01	1	2	Cu	13.6	30	35	13
Cairo Area	62366	FAROUK (Airport)	20	11	14	00	0	0	—	14.2	30	33	12
	62372	ALMAZA	360	11	30	00	0	0	—	13.2	30	38	14
		EZBEKIYA	360	7	35	00	0	0	—	13.4	31	38	15
		GIZA	360	7	35	00	0	0	—	13.4	30	32	12
	62378	HELWÂN	360	12	35	01	0	0	—	13.0	30	31	11
Upper Egypt	62381	FAIYÛM	360	5	35	01	0	0	—	13.3	31	31	12
	62387	MINYA	20	18	12	00	0	0	—	12.6	32	28	11
	62393	ASYÛT MANQABÂD	340	12	30	00	0	0	—	10.9	33	17	5
	62399	NAG' HAMMÂDI	270	5	35	00	0	0	—	9.0	35	23	11
	62402	QENA	240	5	50	00	0	0	—	7.6	39	14	7
	62405	LUXOR											
	62414	ASWÂN	360	3	50	00	0	0	—	8.2	37	18	9
Oases	62417	SÎWA	00	0	35	00	0	0	—	17.8	31	70	25
	62420	BAHARIYA	360	5	35	02	0	0	—	14.2	31	28	10
	62428	FARAFRA	360	4	35	02	1	0	—	15.0	33	21	8
	62432	DAKHLA	320	11	50	00	0	0	—	12.4	33	21	8
	62435	KHARGA	360	3	35	00	0	0	—	11.0	35	29	14
Red Sea	62450	SUEZ	20	4	35	01	0	0	—	11.9	30	35	13
	62459	TÛR	310	14	15	00	0	0	—		27	62	19
	62462	HURGHADA	350	20		00	0	0	—	9.2	26	66	19
	62465	QUSEIR	360	13	15	02	0	0	—	8.7	29	59	20
	62641	PORT SUDÂN	80	8	30	02	0	1	Ac	6.5	33	63	25
North Sudan	62600	WÂDI HALFA	360	12	30	00	0	0		7.4	38	11	2
	62640	ABU HAMAD	50	5	30	00	0	0	—	3.8	43	15	11
	62660	KAREIMA	20	7	30	00	0	0	—	4.8	34	10	-2
	62680	'ATBARA	130	5	30	00	0	0	—	2.2	43	14	10
	62721	KHARTÛM	240	8	30	01	1	3	Ac,Ci	4.5	39	16	9
	62780	KASSALA	270	2	30	03	0	3	Cs	4.9	39	26	16
Central Sudan	62751	WÂD MEDANI	230	9	35	02	1	8	Cc	5.8	38	26	15
	62801	RENK	230		50	01	1	4	Cu		34	41	19
	62802	ROSEIRES	270	2	35	00	0	0	—		33	41	18
	62771	EL OBEID	240	8	35	03	0	4	Cu,Ci	5.6	37	27	15
	62760	EL FÂSHER	90	3	30	01	1	5	Cu,Cs		36	12	2
	62770	GENEINA	50	2	30	00	0	1	Cu		37	16	7
S. Sudan	62840	MALAKÂL	70	8	50	02	1	7	Cu,Ac	9.6	31	55	21
	62880	WÂU	00	0	30	00	0	2	Cu	7.6			20
	62941	JUBA	20	5	30	02	1	2	Cu	8.2	32	56	22

At 1800 on Wed. 8th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
62309	EL DABA	320	10		01	1	2	Cu		22	88	20	0
	ALEXANDRIA	360	15	7	03	2	6	Sc,Cu	16.2	21	74	16	0
62318	FOUAD (Airport)	340	11	18	03	1	3	Sc	15.5	21	78	17	0
62330	DAMIETTA	340	5		02	0	1	Fs,Fc	14.4	22	83	19	0
62333	PORT SAÏD	350	12	18	02	0	3	Sc	14.3	22	74	17	0
62336	EL 'ARISH			15	02	1	2	Cu	14.0	25	74	20	0
62339	DAMANHUR	40	13	15	02	1	4	Cu	15.6	21	83	18	0
62342	MANSURA	360	5	35	00	0	0	—	14.8	23	61	15	0
62348	TANTA	00	0	35	02	0	0	—	15.0	23	65	16	0
62354	ZAGAZIG	320	5	3	00	1	0	—	15.1	23	61	15	0
62441	ISMA'ILIA	20	5	7	02	0	0	—	14.4	23	50	12	0
62366	FAROUK (Airport)	340	15	14	00	0	0	—	13.8	25	47	13	0
62372	ALMAZA	360	11	15	00	0	0	—	14.0	26	42	12	0
	EZBEKIYA	360	8	15	00	0	0	—	14.2	25	47	13	0
	GIZA	360	8	15	00	0	0	—	14.3	24	46	12	0
62378	HELWÂN	340	13	35	02	0	0	—	13.5	25	42	11	0
62381	FAIYÛM	360	5	35	02	0	0	—	13.0	26	42	12	0
62387	MINYA												
62393	ASYÛT MANQABÂD												
62399	NAG' HAMMÂDI	270	3	7	00	0	0	—	8.6	27	29	9	0
62402	QENA	270	2	7	00	0	0	—	7.8	32	20	6	0
62405	LUXOR	290	4	12	00	0	0	—	7.7	32	17	4	0
62414	ASWÂN	00	0	50	00	0	0	—	7.9	33	17	5	0
62417	SÎWA	00	0	35	00	0	0	—	16.7	30	66	23	0
62420	BAHARIYA			15	02	0	0	—	14.4	26	37	10	0
62428	FARAFRA	340	3	15	02	0	0	—	14.4	27	20	2	0
62432	DAKHLA	320	6	35	00	0	0	—	11.9	31	28	10	0
62435	KHARGA	340	1	15	00	0	0	—	11.2	30	35	13	0
62450	SUEZ	20	9	15	02	0	0	—	12.6	25	47	13	0
62459	TÛR	310	12	15	00	0	0	—		26	70	20	0
62462	HURGHADA	320	21		00	0	0	—	8.1	28	58	19	0
62465	QUSEIR	360	9	15	02	0	0	—	8.6	27	62	19	0
62600	WÂDI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	'ATBARA												
62721	KHARTÛM												
62780	KASSALA												
62751	WÂD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID												
62760	EL FÂSHER												
62770	GENEINA												
62840	MALAKÂL												
62880	WÂU												
62941	JUBA												

At 0600 on Thursday 9th June,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	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	320	2	7	01	0	0	—	17.0		22	25		15		57	13	0		
SÎDI BARÂNI	290	5	50	02	0	0	—	17.5		22	24		18		74	17	0	278	
MATRÛH	10	4	18	00	0	0	—	16.7		22			18		57	13	0		
EL DABA	360			00	0	0	—	15.9		21			19		88	21	0		
ALEXANDRIA	360	10	50	03	2	6	Cu,Sc	15.0	+1.8	21	25	-3	20	0	69	15	0	267	186
FOUAD (Airport)	340	6	15	03	1	5	Sc,Cu	15.0		22	25		22		65	15	0	265	138
DAMIETTA	360	2		03	1	4	Cu	13.8	+1.9	24	25		18		69	18	0	319	106
PORT SAÏD	40	5	18	03	1	4	Sc	13.7		25	26		21		54	15	0	72	
EL 'ARISH			35	02	1	3	Cu	14.0		24	25	-3	19		69	18	0		94
DAMANHÛR	40	5	15	03	1	4	Cu	15.0	+2.4	23	28	-4	18	0	65	16	0	102	101
MANSÛRA	40	5	35	03	1	6	Cu	14.2	+2.0	24	30	-4	18	0	69	18	0	49	55
TANTA	360	2	35	03	1	6	Cu,Sc	14.3	+1.7	22	30	-4	15	-2	74	17	0	34	44
ZAGAZIG	40	5	7	00	0	0	—	14.2	-1.8	24	33	-1	17	0	61	16	0	21	27
ISMA'ILIA	40	2	7	00	1	2	Cu	13.5		23	30		18		61	15	0	14	
FAROUK (Airport)	40	10	12	03	1	3	Sc	13.9		22	32		18		69	16	0		
ALMAZA											31								
EZBEKIYA	360	8	15	03	0	2	Cu	13.9	+1.7	24	31	-4	19	0	54	14	0	8	26
GIZA	360	8	15	03	0	2	Cu	13.8	+1.6	23	31	-3	17	0	58	14	0	16	26
HELWÂN	360	13	15	00	0	7	Cu	13.6	+1.5	21	31	-3	17	-3	65	14	0	16	29
FAIYÛM	20	8	35	03	1	6	Cu,Sc	14.0	+2.0	23	32	-4	18	-1	61	15	0	8	8
MINYA	20	18	10	03	0	4	Sc	13.5		22			17		57	13	0	5	
ASYÛT MANQABÂD	340	9	30	00	0	2	Cu	13.0		21	33		18		65	14	0	dr	
NAG' HAMMÂDI	270	4	15	00	0	0	—	10.8	+1.4	25	36		18		42	11	0	0	
QENA	240	9	35	00	0	0	—	9.3	+0.1	26	41	+1	21	-2	48	14	0	dr	
LUXOR											38							dr	
ASWÂN	360	4	50	00	0	0	—	10.2	+0.9	28	39	-2	23	-2	49	16	0	2	
SÎWA	00	0	35	00	0	0	—	18.0	+4.3	22	33	-4	15	-4	74	17	0	1	8
BAHARÎYA	360	8	35	02	0	2	Cu	15.5	+2.7	20	33	-3	15	-4	64	13	0	dr	7
FARAFRA	360	5	15	02	0	0	—	16.2		19	33		16		73	14	0	dr	
DAKHLA	320	11	35	00	0	0	—	13.5	-2.2	25	34	-5	21	-1	28	5	0	dr	
KHARGA	340	4	35	00	0	0	—	13.1	+3.2	24	35	-4	21	-2	61	16	0	0	
SUEZ	00	0	35	00	0	1	Cu	12.3	+0.9	23	31	-3	18	+1	65	16	0	12	17
TÛR	340	8	35	00	0	0	—	10.1	+1.1	24	30	-3	22	-1	69	18	0	dr	13
HURGHADA	330	25		00	0	0	—	7.7		26	28		22		62	18	0	7	
QUSEIR	360	13	15	02	0	0	—	9.1	+0.2	26	30	-3	24	-1	55	16	0	0	4
PORT SÛDÂN	10	3	50	03	1	3	Ac	7.5		33	36		24		34	15	0	35	97
WÂDI HALFA																	0	14	
ABU HAMAD	50	13	10	00	0	0	—	6.4		32	44		28		21	7	0		
KAREIMA	20	10	30	01	2	5	Ci	8.4		31	38		21		16	2	0	5	2
'ATBARA	270	2	30	01	0	1	Ci	6.6		34	45		31		12	1	0	8	7
KHARTÛM	180	13	30	02	0	1	Ac	8.7		31	41		29		38	15	0	13	9
KASSALA	160	9	30	00	0	0	—	7.8		32	40		26		26	10	0	44	30
WÂD MEDANI	230	13	50	02	1	7	Cc	7.8		30	39		23		55	20	2	73	32
RENK	230	5	50	02	2	8	Cu	11.2		27	34		21		79	23	0		109
ROSEIRES	130	2	15	02	2	6	As			26	34		22		70	20	4	103	144
EL OBEID																	0	83	44
EL FÂSHER	130	6	30	00	0	0	—			29	38		23		31	10	0	18	19
GENEINA	230	1	30	01	0	0	—			25	38		21		54	15	0		37
MALAKÂL	270	3	50	02	8	7	Ac	10.8		25	31		23		83	22	dr	460	231
WÂU	00	0	30	02	1	7	Sc,Ac	11.8		23	35		21		68	21	54	473	413
JUBA	160	2	30	02	1	1	Sc	12.6		25	32		21		83	22	0	389	504

HUMIDITY % Mean of day

Station	on 8th	Diff. from normal
Alexandria	67	-5
Ezbekiya	55	+2
Giza	53	+1
Helwân	49	+9

GIZA GRASS MINIMUM TEMP. ON 9th 15.8 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

Pressure mbs.	Height above M.S.L. Feet	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

On At AIRPORT	Pressure mbs.	Height above M.S.L. Feet	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. Feet	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. Feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
	1000					
	950					
	900					
	850					
	800					
	700					
	600					
	500					
	400					
	300					

UPPER WIND OBSERVATIONS on 8th

Height m.	S. Burrani Dir.	S. Burrani Vel.	Foad A/P Dir.	Foad A/P Vel.	Aswan Dir.	Aswan Vel.	Sawa Dir.	Sawa Vel.	Kharga Dir.	Kharga Vel.	Hurghada Dir.	Hurghada Vel.	Minya Dir.	Minya Vel.	Luxor Dir.	Luxor Vel.
Time	14		15		14		14		14		15		15		16	15
300	350	12	320	10	350	5	10	13	350	24	330	40	360		300	18
600	360	9	330	16	340	18	10	16	350	40	340	31	350		310	16
1000	10	10	340	14	350	19	30	16	350	56	320	12	360		320	21
1500	10	5	330	13	330	11			340	26	320	21	350		340	20
2000	330	5	10	12	330	24			350	36	280	14	350		360	11
3000	320	8	330	7	300	15									290	7
4000			340	8	260	13										
5000			340	14	260	18										
6000					230	2										
7000					10	8										
8000																

UPPER WIND OBSERVATIONS on 9th

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.
Time			3	30	4		4				6	30	3		9		3				9	
300			350	8	350	11	50	12			30	15	350		320	11	340	13			330	23
600			350	11	350	11	50	14			20	23	360		330	10	340	10			290	10
1000	340	8	10	16	330	13	50	13			30	26			340	14	340	12			270	3
1500	310	7	340	17	360	9	20	17			30	19			350	13	360	11			270	5
2000	300	15	250	8											320	8	350	28			290	6
3000			300	16											270	8						
4000			270	18																		
5000																						
6000																						
7000																						
8000																						

Height m.	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time	9		5		5		9		4				4	45			4							
300	30	6	10	16	290	3	350	18	20	17														
600	30	6	10	25	310	4	350	17	10	25							170	12						
1000	20	13	20	30	320	8	340	16	260	21			130	9			120	19						
1500	350	31	360	29	300	28	340	21	340	7			90	6			190	24						
2000	330	32	350	26	290		340	9									250	16						
3000	340	16					300	18									260	25						
4000							250	10																
5000							240	16																
6000																								
7000																								
8000																								

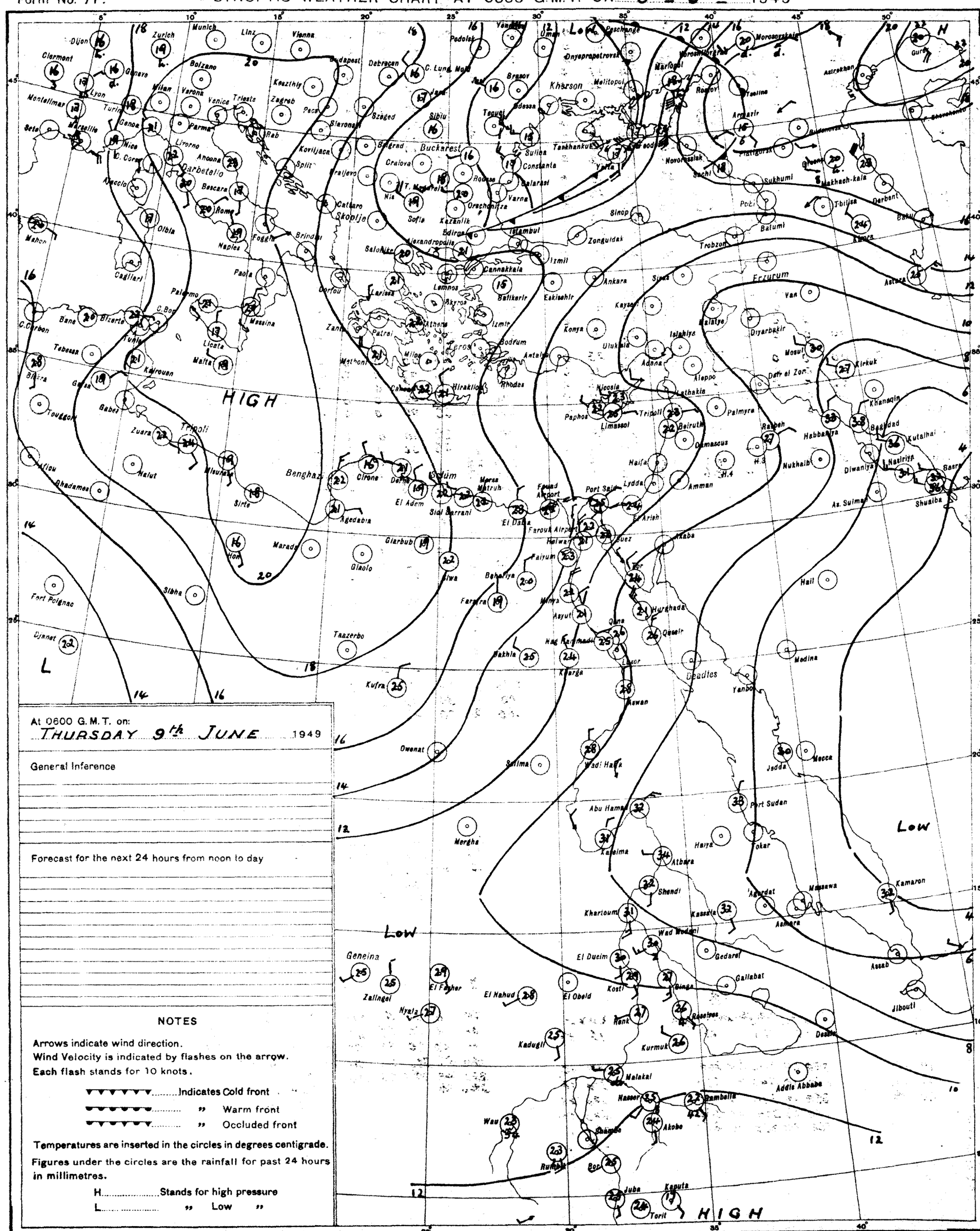
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 9 - 6 - 1949


HIGH
Low
Low
HIGH
Buckarest
Kharson
Erzurum
Benghazi
Tripoli
Khartoum
Geneina
Addis Abbaba
Port Sudan
Jedda
Mecca
Medina
Aden
Asmara
Massawa
Kamaron
Djibouti
Assab
Gondar
Gallabat
Kassala
Wad Medani
El Obeid
El Fasher
Nyala
Zalingei
Kadugli
Kurmuk
Malakal
Nasser
Bamballa
Akobo
Wau
Rumbek
Bor
Juba
Kapoeta
Torit
Wadi Halfa
Abu Hamad
Kareima
Atbara
Shendi
Dongola
Aswan
Luxor
Asyut
Minya
Faiyum
Farafra
Kufra
Owenat
Taazerbo
Kharga
Hurghada
Qena
Qoseir
Deadlos
Yanbo
Rabbeh
Nukhaib
Habbaniya
Baghdad
Kutalhai
Nasiriya
Basra
Shuaiba
Diwaniya
Az Zubair
Hail
Sibha
Marada
Giarbub
Jalo
Siwa
Bahariya
Sidi Barrani
El Daba
Farouk Airport
Fouad Airport
Port Said
Suez
Tor
Akaba
Arish
Lydda
Amman
Haifa
Damascus
Beirut
Tripoli
Paphos
Limassol
Nicosia
Latakia
Palmyra
Aleppo
Hama
Homs
Tobruk
Bardia
Derna
El Adem
Cirene
Agedabia
Marsa Matruh
Mersa Brega
Ghadames
Nalut
Misurata
Sirte
Zuara
Gafsa
Tozeur
Biskra
Tebessa
Kairouan
Sfax
Gabes
Djerba
Fort Polignac
Tunis
Bizerte
Bone
C. Bon
Palermo
Messina
Catania
Malta
Cagliari
Olbia
Naples
Foggia
Brindisi
Paola
Mahon
Marseille
Nice
Genoa
Livorno
Ancona
Rome
Pescara
Bari
Bolzano
Milan
Verona
Venice
Trieste
Zagreb
Split
Cattaro
Skoplje
Salonika
Larissa
Corfou
Patrai
Athens
Milos
Mathoni
Zante
Lemnos
Akyros
Cannakkala
Alexandropolis
Edirne
Istambul
Izmit
Eskisehir
Balikesir
Izmir
Bodrum
Rhodes
Antalya
Konya
Ankara
Kayseri
Sinop
Zonguldak
Sivas
Trobzon
Batumi
Van
Diyarbakir
Mosul
Kirkuk
Khanaqin
Mardin
Adana
Iskenderun
Malatya
Tbilisi
Kutaisi
Sukhumi
Poti
Derbent
Baku
Astrakhan
Krasnovodsk
Tashkent
Tashkankut
Sulina
Constanta
Balarast
Varna
Rousse
Orschowitza
Sofia
Kazanlik
Nis
T. Magurele
Craiova
Belgrad
Szeged
Sibiu
Debrecen
Budapest
Kecskemet
Pecs
Zagreb
Koriljaca
Rab
Slavonski
Bolzano
Varona
Venice
Trieste
Milan
Turin
Genoa
Parma
Livorno
Ancona
Rome
Pescara
Bari
Naples
Foggia
Brindisi
Paola
Messina
Catania
Malta
Cagliari
Olbia
Bone
Bizerte
Tunis
Tebessa
Kairouan
Sfax
Gabes
Djerba
Touggourt
Biskra
Tozeur
Ghadames
Nalut
Misurata
Sirte
Zuara
Tripoli
Marada
Giarbub
Jalo
Siwa
Sibha
Taazerbo
Kufra
Owenat
Sallima
Mergha
Fort Polignac
Djanet
Tunis
Bone
C. Bon
C. Carbon
Marseille
Nice
Genoa
Livorno
Ancona
Rome
Pescara
Bari
Naples
Foggia
Brindisi
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Koriljaca
Split
Cattaro
Skoplje
Salonika
Larissa
Corfou
Patrai
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Milos
Mathoni
Zante
Lemnos
Akyros
Cannakkala
Alexandropolis
Edirne
Istambul
Izmit
Eskisehir
Balikesir
Izmir
Bodrum
Rhodes
Antalya
Konya
Ankara
Kayseri
Sinop
Zonguldak
Sivas
Trobzon
Batumi
Van
Diyarbakir
Mosul
Kirkuk
Khanaqin
Mardin
Adana
Iskenderun
Malatya
Tbilisi
Kutaisi
Sukhumi
Poti
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Mosul
Kirkuk
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Mardin
Adana
Iskenderun
Malatya
Tbilisi
Kutaisi
Sukhumi
Poti
Derbent
Baku
Astrakhan
Krasnovodsk
Tashkent
Tashkankut

CAIRO
Time of Sunrise 02 53 G. M. T.
" " Sunset 16 55 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: Friday 10th June, 1949

At 1200 on Thurs. 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	20	12	7	02	0	0	—	16.8	24	47	12
	62303	SÎDI BARÂNI	320	11	50	02	0	0	—	17.2	24	69	18
	62306	MATRÛH	360	17	18	03	1	2	Cu	16.1	24	61	16
	62309	EL DABA	320			01	1	2	Cu		23	61	15
		ALEXANDRIA	310	15	50	01	2		Sc,Ac	14.7	23	50	12
	62318	FOUAD (Airport)	320	17	18	03	0	3	Sc	14.7	25	58	16
	62330	DAMIETTA	340	15	15	01	1	2	Cu	13.8	24	74	19
	62333	PORT SAÏD	360	11	30	02	1	5	Sc	13.5	21	78	17
	62336	EL 'ARISH	320	2	35	01	0	0	—	13.9	23	74	18
Lower Egypt	62339	DAMANHUR	40	13	15	02	0	0	—	15.0	26	48	14
	62342	MANSURA	320	5	35	03	2	5	Cu	13.1	30	40	15
	62348	TANTA	310	5	35	01	0	5	Cu,Sc	14.6	30	35	13
	62354	ZAGAZIG	320	5	15	00	0	0	—	13.0	29	46	16
	62441	ISMAÏLIA	320	5	35	02	1	2	Sc	12.2	29	35	12
Cairo Area	62366	FAROUK (Airport)											
	62372	ALMÂZA	20	10	30	00	0	0	—	12.2	31	38	15
		EZBEKÎYA	360	4	35	00	0	1	Cu	11.8	30	35	13
		GÎZA	360	4	35	00	0	1	Cu	12.3	30	35	13
	62378	HELWÂN	320	11	35	02	0	0	—	11.8	29	29	9
Upper Egypt	62381	FAIYÛM	20	8	35	01	0	0	—	11.6	30	31	11
	62387	MINYA	10	13	12	00	1	0	—	11.8	31	28	10
	62393	ASYÛT MANQABÂD	310	16	30	00	0	0	—	10.8	31	19	5
	62399	NAG' HAMMÂDI	270	3	15	00	0	0	—	9.0	32	28	11
	62402	QENA	240	9	50	00	0	0	—	7.9	36	20	10
	62405	LUXOR											
	62414	ASWÂN											
Oases	62417	SÎWA	320	7	35	00	0	0	—	16.2	32	36	25
	62420	BAHARÎYA	360	5	35	02	0	0	—	14.0	30	21	5
	62423	FARAFRA	360	5	35	02	0	0	—	15.1	31	12	-1
	62432	DAKHLA	320	8	35	00	0	0	—	12.4	30	11	-4
	62435	KHARGA	20	1	35	00	0	0	—	11.2	31	31	12
Red Sea	62450	SUEZ	20	5	35	01	0	0	—	10.7	29	29	9
	62459	TÛR	310	12	35	00	0	0	—	8.3	26	70	20
	62462	HURGHADA	360	17		00	0	0	—	8.1	26	74	21
	62465	QUSEIR	20	9	15	02	0	0	—	8.3	27	79	23
	62641	PORT SÛDÂN	60	13	50	00	0	0	—	6.8	34	36	17
North Sûdân	62600	WÂDI HALFA	360	17	30	00	0	0	—	8.6	37	10	0
	62640	ABU HAMAD	50	2	30	00	0	0	—	3.5	43	14	10
	62660	KAREIMA	340	4	30	00	0	0	—	5.0	41	10	3
	62680	ATBARA	310	2	30	00	0	0	—	3.6	41	11	5
	62721	KHARTÛM	360	13	10	03	1	2	Ac,Ci	4.7	39	20	12
	62730	KASSALA	310	2	30	03	0	5	Cu	3.7	41	22	15
Central Sûdân	62751	WÂD MEDANI											
	62801	RENK	230	5	50	00	0	0	—	6.4	34	41	19
	62802	ROSEIRES	130	2	35	01	2	2	As		33	41	18
	62771	EL OBEID	290	3	30	00	0	0	—	5.2	38	25	15
	62760	EL FÂSHER											
	62770	GENEINA	130	6	30	03	5	7					11
S. Sûdân	62840	MALAKÂL	180	5	50	01	1	5	Cu,Ac	8.7	32	63	24
	62880	WÂU	00	0	30	02	1	6	Ac	10.7	31	59	22
	62941	JUBA	50	2	30	03	1	2	Sc	8.7	32	56	22

At 1800 on Thurs. 9th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
62300	SALUM	320	3	7	02	0	0	—	16.7	22	57	13	0
62303	SÎDI BARÂNI	320	7	35	02	0	0	—	17.2	21	88	19	0
62306	MATRÛH	340	5	13	00	1	0	—	15.9	21	57	12	0
62309	EL DABA	320	9		00	0	0	—		22	57	13	0
	ALEXANDRIA	360	11	7	01	2		Sc,Ac	14.6	21	74	16	0
62318	FOUAD (Airport)	340	17	12	01	1	1	Sc	13.9	21	69	15	0
62330	DAMIETTA	320	2		01	0	0	—	13.4	22	74	17	0
62333	PORT SAÏD												
62336	EL 'ARISH			35	03	1	3	Sc	13.9	25	70	19	0
62339	DAMANHUR	360	9	15	02	0	0	—	14.6	21	74	16	0
62342	MANSURA	360	5	3	00	1	0	—	14.2	22	57	13	0
62348	TANTA												
62354	ZAGAZIG	40	5	3	00	0	0	—	13.8	23	65	16	0
62441	ISMAÏLIA	20	5	35	02	0	0	—	12.8	23	61	15	0
62366	FAROUK (Airport)												
62372	ALMÂZA	350	13	15	01	0	0	—	13.2	25	51	14	0
	EZBEKÎYA	360	8	15	00	0	0	—	13.8	24	47	12	0
	GÎZA	360	8	15	00	0	0	—	13.5	24	46	11	0
62378	HELWÂN	340	16	35	02	0	0	—	12.6	25	42	11	0
62381	FAIYÛM	20	8	35	02	0	0	—	11.9	27	33	9	0
62387	MINYA	10	9	8	00	0	0	—	11.9	25			0
62393	ASYÛT MANQABÂD												
62399	NAG' HAMMÂDI	00	0	3	00	0	0	—	8.8	27	37	11	0
62402	QENA	240	5	7	00	0	0	—	8.4	28	40	13	0
62405	LUXOR	290	6	12	00	0	0	—	8.5	30	25	8	0
62414	ASWÂN												
62417	SÎWA	00	0	7	00	0	0	—	15.9	28	58	19	0
62420	BAHARÎYA	360	4	15	02	0	0	—	13.6	26	30	7	0
62423	FARAFRA	320	2	15	02	0	0	—	14.2	24	26	3	0
62432	DAKHLA	320	6	35	00	0	0	—	13.1	27	20	2	0
62435	KHARGA	00	0	15	00	0	0	—	12.0	26	37	10	0
62450	SUEZ	360	12	15	02	0	0	—	11.5	24	61	16	0
62459	TÛR	310	9	15	00	0	0	—	7.1	28	49	16	0
62462	HURGHADA	310	16		00	0	0	—	7.9	28	55	18	0
62465	QUSEIR	330	5	15	02	0	0	—	8.3	27	55	17	0
62641	PORT SÛDÂN												
62600	WÂDI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	ATBARA												
62721	KHARTÛM												
62730	KASSALA												
62751	WÂD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID												
62760	EL FÂSHER												
62770	GENEINA												
62840	MALAKÂL												
62880	WÂU												
62941	JUBA												

At 0600 on Friday 10th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temp. Dry Bulb	Temp. Maximum Yesterday	Diff. from normal	Temp. Minimum Today	Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	320	10	7	02	0	0	—	15.9		22	25		16		69	15	0		
SÎDI BARÂNI	320	9	50	03	1	8	Sc,Ci	15.8		22	24		20		83	19	0	278	
MATRÛH	340	8	14	01	2	4	Sc	15.1		23	25		17		74	18	0		
EL DABA	320			00	0	0	—			23			19		65	16	0		
ALEXANDRIA	310	9	50	01	2		Sc,Ac	13.3	+0.2	22	25	-3	19	-1	65	15	0	267	186
FOUAD (Airport)	320	14	18	01	1	1	Cu	12.8		23	25		19		69	17	0	265	138
DAMIETTA	340	2		03	1	6	Cu	12.8	+1.0	23	25		15		65	16	0	318	106
PORT SAÏD	280	8	15	01	1	1	Sc	12.5		23			20		65	16	0	72	
EL 'ARISH	270	2	35	01	0	1	Cu	12.8	+0.8	24	25	-3	18	+1	61	16	0		94
DAMANHÛR	310	13	15	03	1	3	Cu	14.0	+1.5	23	27	-5	16	-2	65	16	0	102	101
MANSÛRA	320	5	35	01	0	2	Cu	13.1	+0.9	23	30	-3	17	-1	61	15	0	49	55
TANTA																		34	44
ZAGAZIG	220	5	7	01	1	2	Ac	13.1	+0.7	24	32	-2	16	-1	61	16	0	21	27
ISMAÏLIA	290	2	7	02	1	4	Sc	13.9		25	30		19		47	13	0	14	
FAROUK (Airport)																			
ALMÂZA	360	5	12	01	1	1	Sc	13.4	+1.2	20	31		18		83	17	0		
EZBEKÎYA	320	8	15	01	0	1	Cu	13.6	+1.4	23	31	-4	18	-1	61	15	0	8	26
GÎZA	320	8	15	01	0	1	Cu	13.5	+1.4	23	31	-4	17	0	58	14	0	16	26
HELWÂN	340	8	35	00	1	2	Cu	13.5	+1.5	21	31	-3	17	-3	57	12	0	16	29
FAIYÛM	20	5	35	02	0	0	—	13.9	+2.0	22	32	-4	16	-3	57	13	0	8	8
MINYA	20	16	10	00	0	1	Cu	13.9		21	33		15		74	16	0	5	
ASYÛT MANQABÂD	340	9	30	00	0	0	—	13.4		21			18		65	14	0	Dr.	
NAG' HAMMÂDI	320	4	7	00	0	0	—	11.4	+2.0	24	33		19		54	14	0	0	
QENA	240	9	35	00	0	0	—	10.3	+1.1	26	38	-2	20	-3	48	14	0	Dr.	
LUXOR											36							Dr.	
ASWÂN	360	6	50	00	0	0	—	11.1	+1.9	26			22	-4	42	12	0	2	
SÎWA	00	0	35	00	0	0	—	17.0	+4.3	21	32	-5	16	-3	50	10	0	1	8
BAHARÎYA	360	2	35	02	0	0	—	15.1	+2.4	21	31	-5	15	-4	57	12	0	Dr.	7
FARAFRA	20	3	15	02	0	0	—	16.0		21	32		15		41	7	0	Dr.	
DAKHLA	00	0	35	00	0	0	—	13.6	+2.4	24	32	-7	17	-5	38	9	0	Dr.	
KHARGA	360	2	35	00	0	0	—	12.4	+2.5	25	33	-6	20	-3	47	13	0	0	
SUEZ	00	0	35	00	0	2	Cu	12.0	+0.7	23	31	-4	18	-3	50	12	0	12	17
TÛR	310	12	35	00	0	0	—	9.4	+0.4	23	32	-1	22	-1	74	18	0	Dr.	13
HURGHADA	330	23		00	0	0	—	10.0		23	28		22		69	17	0	7	
QUSEIR	310	13	15	02	0	0	—	9.4	+0.6	26	29	-4	23	-2	62	18	0	0	4
PORT SÛDÂN	100	1	50	01	2	6	Ac	7.2		33	35		23		30	13	0	35	97
WÂDI HALFA	350	11	30	02	0	1	Ci	11.1		26	38		19		18	0	0	14	
ABU HAMAD	360	13	30	02	1	7	Ac	7.8		31	43		27		22	7	0		
KAREIMA	340	12	30	00	1	1	Ac	9.3		30	42		25		12	-2	0	5	2
ATBARA	340	13	7		2	3	Cs	6.8		33	43		30		10	-2	0	8	7
KHARTÛM	200	14	10	02	0	3	Ac,Ci	9.0		31	41		28		38	15	0	13	9
KASSALA	180	5	30	00	0	0	—	8.2		29	41		25		52	18	0	44	30
WÂD MEDANI	180	5	35	00	0	0	—	8.4		28	41		22		66	21	2	75	33
RENK																		8	112
ROSEIRES	210	2	35	02	2	2	As			26	36		23		66	19	0	103	147
EL OBEID	00	0	30	02	1	6	Ac	7.9		30	39		25		27	9		83	45
EL FÂSHER	90	5	30	00	0	0	—			30	38		25		35	13	0	18	20
GENEINA	70	4	30	02	1	7	Ac			23	37		21		69	17	0		39
MALAKÂL	180	1	50	02	2	7		10.3		23	33		22		79	23	0.4	460	235
WÂU	00	0	30	00	0	0	—	9.8		27	32		24		83	23	0	473	418
JUBA	180	3	30	03	2	1	Ac	11.8		27	33		21		79	23	0	389	509

HUMIDITY % Mean of day

Station	on 9th	Diff. from normal
Alexandria	69	-3
Ezbekiya	51	-2
Gîza	49	-3
Helwân	51	+11

GÎZA GRASS MINIMUM TEMP. ON 10th 14.0 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. Feet	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. Feet	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. Feet	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. Feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 9th

Height m.	Matruh Dir.	Matruh Vel.	Sidi Barr. Dir.	Sidi Barr. Vel.	Aswan Dir.	Aswan Vel.			Kharga Dir.	Kharga Vel.	Bahariya Dir.	Bahariya Vel.	Port Said Dir.	Port Said Vel.			Fouad Airp. Dir.	Fouad Airp. Vel.	Minya Dir.	Minya Vel.	Siwa Dir.	Siwa Vel.	Hurghada Dir.	Hurghada Vel.		
Time	14 45		14		14				14		14		15				15		16		13 45		15			
300	330	7	330	9	340	13			350	13	360	18	340	11			320	22	350		330	18	330			
600	360	23	330	8	320	12			350	16	340	13	320	16			330	26	350		330	24	360	8		
1000	360	11	330	10	330	16			340	23	350	12	300	15			330	21	350		330	26	300	8		
1500	350	21	330	13	300	13			340	11	360	16	300	13			330	23	350		330	27	300	17		
2000	310	23	330	13	310	7			340	12	330	19	210	5					340		340	20	280	16		
3000	280	27							320	16	310	12	220	10							330	17	210	19		
4000	260	23									260	13	190	11							330	14	210	16		
5000													190	10							320	18				
6000																					300	2				
7000																										
8000																										

UPPER WIND OBSERVATIONS on 10th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Saïd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada			
Time	9		3 30		9		4						3		3						3			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	310	14	310	16	300	13	270	18					10	18	340	16					320	28		
600	320	12	320	15	320	9	300	14					10	27	350	22					340	21		
1000	330	11			320	17	310	16					10	20	340	29					340	22		
1500	320	11			230	25							320	27	330	34					260	10		
2000					320	29							330	29	340	18					290	10		
3000					330	34																		
4000					270	30																		
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	9		9		5		9																	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	290	6	350	19	80	2	350	35																
600	310	7	350	11	50	6	350	40																
1000	350	14	320	15	360	18	340	32																
1500	340	30			340	28	350	28																
2000	330	16																						
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

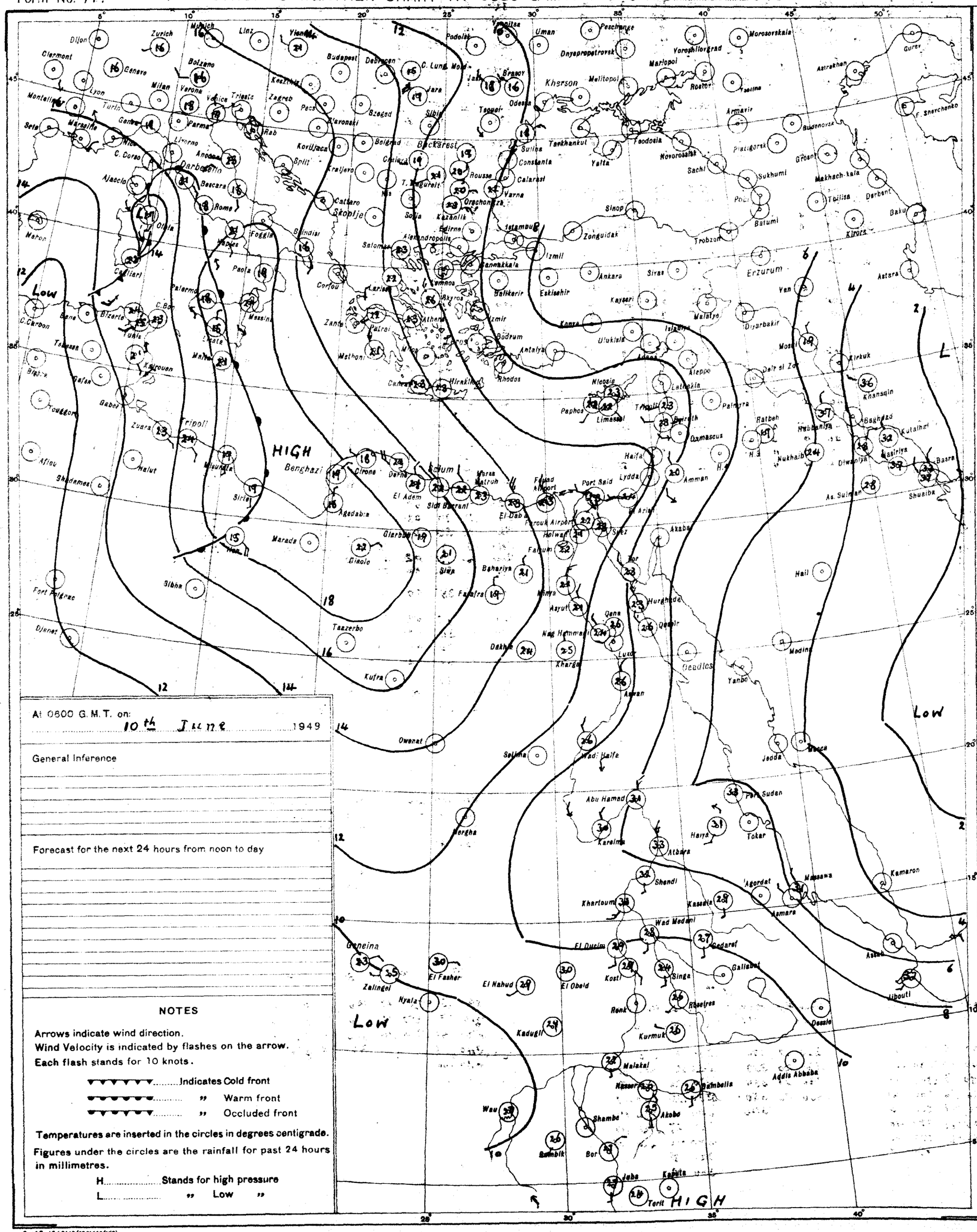
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

K.N

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 10th June 1949



At 0600 G.M.T. on: 10th June 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ ..... Indicates Cold front
▼▼▼▼▼▼ ..... " Warm front
▼▼▼▼▼▼ ..... " Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H ..... Stands for high pressure
L ..... " Low "

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	Dust or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	" " hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
" " hail		87
Rain / Hail	Thunderstorm during the past hour	91
		93
Thunderstorm with rain		95
" " hail		96
" " Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze (*vis less than 1000 m.*)	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

Cloudless		
Cirrus	Ci	1
Cirrostratus	Cs	2
Cirrocumulus	Cc	3
Altocumulus	Ac	4
Altostratus	As	5
Stratocumulus	Sc	6
Nimbostratus	Ns	7
Cumulus or Fractocumulus	Cu or Fc	8
Cumulonimbus	Cb	9
Stratus or Fractostratus	St or Fs	0

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th " " "	2
3/8 " " " "	3
4/8 " " " "	4
5/8 " " " "	5
6/8 " " " "	6
7/8 " " " "	7
Sky completely covered	8
" obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1948(48/195)(48/450)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 02 53 G. M. T.

" " Sunset 16 56 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date : Saturday 11th June, 1949

At 1200 on Fri. 10th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALÛM	20	14	7	02	0	0	—	15.5	26	55	16
	62308	SÎDI BARÂNI	320	11	50	03	2	8	Cs	15.9	24	83	21
	62306	MATRÛH	360	13		00	0	0	—	15.0	24	65	17
	62309	EL DABA	320	—		00	0	0	—		24	54	14
		ALEXANDRIA	300	14	50	00	0	0	—	14.7	24	61	16
	62318	FOUAD (Airport)	290	16	18	00	0	0	—	13.3	26	48	14
	62330	DAMIETTA	320	5	7	01	0	0	—	12.2	24	61	16
	62333	PORT SA'ÎD	360	15	30	02	0	1	Sc	11.9	24	65	17
	62336	EL 'ARISH	320	2	35	01	0	0	—	14.6	24	69	18
LOWER EGYPT	62339	DAMANHUR	310	13	15	02	0	0	—	14.0	26	48	14
	62342	MANSURA	320	13	35	00	1	0	—	12.0	29	36	12
	62348	TANTA											
	62354	ZAGAZIG	320	5	15	00	1	0	—	13.0	31	38	15
	62441	ISMA'ILIA	20	2	15	02	1	2	As	12.2	30	31	11
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMAZA	320	11	30	00	0	0	—	11.4	28	37	12
		EZBEKIYA	330	5	35	00	0	0	—	12.2	29	40	14
		GÎZA	330	5	35	00	0	0	—	11.9	30	29	10
	62378	HELWÂN	290	8	15	02	0	0	—	11.1	28	33	10
UPPER EGYPT	62381	FAIYÛM	330	5	35	02	0	0	—	11.9	29	29	9
	62387	MINYA	20	17	12	00	0	0	—	12.1	30	33	12
	62393	ASYÛT MANQABÂD	340	13	30	00	0	0	—	11.2	30	21	5
	62399	NAG' HAMMÂDI	270	3	15	00	0	0	—	8.7	31	31	12
	62402	QENA	240	2	50	00	0	0	—	7.8	36	13	4
	62405	LUXOR											
	62414	ASWÂN	340	4	50	00	0	0	—	6.7	36	22	10
OASES	62417	SÎWA	00	0	35	00	0	0	—	17.0	32	67	25
	62420	BAHARÎYA	320	4	35	02	0	0	—	13.3	30	25	8
	62423	FARAFRA	320	11	35	02	0	0	—	14.4	31	12	-1
	62432	DAKHLA	320	13	50	00	0	0	—	11.5	30	21	5
	62435	KHARGA	20	4	35	00	0	0	—	11.2	31	31	12
RED SEA	62450	SUEZ	00	0	35	01	0	0	—	11.6	28	33	10
	62459	TÛR	310	11	35	00	0	0	—	8.6	28	58	19
	62462	HURGHADA	360	20		00	0	0	—	8.2	26	62	18
	62465	QUSEIR	20	13	15	02	0	0	—	8.6	28	62	20
	62641	PORT SÛDÂN	50	13	30	01	2	1	Cu	5.3	33	53	22
NORTH SÛDÂN	62600	WÂDI HALFA	340	13	30	00	0	0	—	7.9	35	12	2
	62640	ABU HAMAD	360	5	30	03	0	3	Ci	4.2	39	20	12
	62660	KAREIMA	340	2	30	00	0	0	—	5.6	39	7	-4
	62680	'ATBARA	310	2	30	00	0	0	—	2.9	42	11	5
	62721	KHARTÛM	250	10	30	03	1	3	Ac,Ci	5.0	39	11	3
	62730	KASSALA	270	2	30	00	0	1	Ci	2.4	40	24	16
CENTRAL SÛDÂN	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	170	3	30	03	1	7	As,Ac	3.9	37	27	15
	62760	EL FÂSHER	50	5	30	00	0	0	—		37	20	11
	62770	GENEINA	50	5	30	00	0	0	—		37	8	-3
S. SÛDÂN	62840	MALAKÂL	180	7	30	01	6	6	Cu,Ac	8.9	31	55	21
	62880	WÂU	00	0	30	00	0	2	Cu	6.6	35	39	19
	62941	JUBA	20	2	30	02	1	1	Cu	7.4	33	47	20

At 1800 on Fri. 10th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.
MEDITERRANEAN	62300	SALÛM	360	4	7	02	0	0	—	15.0	24	54	14	0
	62308	SÎDI BARÂNI	320	8	35	02	2	8	Cs	15.2	20	95	20	0
	62306	MATRÛH	340	10	13	03	2	6	Cu	14.5	21	83	18	0
	62309	EL DABA	320	10		00	0	0	—		22	57	13	0
		ALEXANDRIA	310	9	7	00	0	0	—	13.8	23	61	15	0
	62318	FOUAD (Airport)	310	12	13	02	0	2	Sc	12.9	21	83	18	0
	62330	DAMIETTA	290	5		01	0	1	Ac	12.4	22	74	17	0
	62333	PORT SA'ÎD	350	12	15	02	0	1	Cu	12.0	22	69	16	0
	62336	EL 'ARISH	360	3	35	03	1	3	Cu		25	74	20	0
LOWER EGYPT	62339	DAMANHUR	310	9	15	02	0	0	—	13.5	21	83	18	0
	62342	MANSURA	320	9	35	00	0	0	—	12.8	23	65	16	0
	62348	TANTA												
	62354	ZAGAZIG	320	5	3	00	0	0	—	13.3	23	61	15	0
	62441	ISMA'ILIA	40	5	7	01	0	0		13.1	24	54	14	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMAZA												
		EZBEKIYA	360	3	15	00	0	0	—	14.0?	24	47	12	0
		GÎZA	360	3	15	00	0	0	—	13.0	23	39	9	0
	62378	HELWÂN	340	13	15	02	0	0	—	11.9	25	28	5	0
UPPER EGYPT	62381	FAIYÛM	330	5	35	02	0	0	—	12.4	25	34	8	0
	62387	MINYA	360	12	10	00	0	0	—	11.8	25	39	10	0
	62393	ASYÛT MANQABÂD												
	62399	NAG' HAMMÂDI	260	3	7	00	0	0	—	8.7	26	37	10	0
	62402	QENA	270	5	7	00	0	0	—	8.0	30	21	5	0
	62405	LUXOR	320	6	12	00	0	0	—	9.0	30	31	11	0
	62414	ASWÂN	360	3		00	0	0	—	8.6	32	16	3	0
OASES	62417	SÎWA	00	0	35	00	0	0	—	16.6	30	66	23	0
	62420	BAHARÎYA	360	2	15	02	0	0	—	13.3	26	30	7	0
	62423	FARAFRA	340	2	15	02	0	0	—	13.8	35	15	5	0
	62432	DAKHLA	320	9	35	00	0	0	—	11.8	28	27	7	0
	62435	KHARGA	00	0	15	00	0	0	—	11.0	26	37	10	0
RED SEA	62450	SUEZ	360	8	15	02	0	0	—	10.6	25	54	15	0
	62459	TÛR	310	12	15	00	0	0	—	8.0	27	55	17	0
	62462	HURGHADA	310	16		00	0	0	—	8.1	27	55	17	0
	62465	QUSEIR	330	9	15	02	0	0	—	8.3	26	55	16	0
	62641	PORT SÛDÂN												
NORTH SÛDÂN	62600	WÂDI HALFA												
	62640	ABU HAMAD												
	62660	KAREIMA												
	62680	'ATBARA												
	62721	KHARTÛM												
	62730	KASSALA												
CENTRAL SÛDÂN	62751	WÂD MEDANI												
	62801	RENK												
	62802	ROSEIRES												
	62771	EL OBEID												
	62760	EL FÂSHER												
	62770	GENEINA												
S. SÛDÂN	62840	MALAKÂL												
	62880	WÂU												
	62941	JUBA												

At 0600 on Saturday 11th June,

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL Total From Oct. 1st.	RAINFALL Normal From Oct. 1st.
MEDITERRANEAN	62300	SALÛM	320	6	7	02	0	0	—	14.4		24	28		20		54	14	0		
	62308	SÎDI BARÂNI	320	10	50	02	0	8	Sc,Cu	15.0		22	24		19		88	20	0	278	
	62306	MATRÛH	340	8	17	03	1	4	Sc	13.8		22	26		18		83	19	0		
	62309	EL DABA	320			01	1	2	Cu			23			20		74	18	0		
		ALEXANDRIA	310	10	35	03	1		Sc,Cu	13.1	0.0	22	26	-2	20	0	83	19	0	267	186
	62318	FOUAD (Airport)	290	15	18	02	0	1	Sc	12.8		23	27		19		74	18	0	265	138
	62330	DAMIETTA	270	2		03	1	3	Fs,Fc	12.0	+0.3	24	25		14		69	18	0	319	106
	62333	PORT SA'ÎD	280	9	12	02	0	1	Sc	12.4		23	25		20		74	18	0	72	
	62336	EL 'ARISH	220	2	35	01	0	1	Cu	12.6	+0.7	24	26	-2	18	+1	69	18	0		94
LOWER EGYPT	62339	DAMANHUR	310	9	7	02	0	0	—	13.1	+0.7	24	28	-4	16	-2	69	18	0	102	101
	62342	MANSURA	320	5	35	00	0	0	—	12.7	+0.6	24	30	-4	17	-1	69	18	0	49	55
	62348	TANTA	00	0	35	01	1	0	—	12.6	+0.1	24			13	-4	69	18	0	34	44
	62354	ZAGAZIG	220	5	7	02	1	3	Ac	12.8	+0.5	24	32	-2	16	-1	74	19	0	21	27
	62441	ISMA'ILIA	290	2	3	00	2	6	Sc	12.4		23	31		18		65	16	0	14	
CAIRO AREA	62366	FAROUK (Airport)	360	3	10	01	4	6	Sc	13.5		19			18		94	18	0		
	62372	ALMAZA	350	4	12	02	2	6	Sc	13.0	+0.9	21			18		78	17	0		
		EZBEKIYA	360	6	15	03	0	1	Cu	13.4	+1.3	24	31	-4	18	-1	61	16	0	8	26
		GÎZA	360	6	15	03	0	1	Cu	13.1	+1.0	23	31	-4	16	-1	66	16	0	16	26
	62378	HELWÂN	320	8	7	00	2	5	St	13.4	+1.4	20	30	-4	17	-3	83	17	0	16	29
UPPER EGYPT	62381	FAIYÛM	330	5	35	02	0	0	—	13.3	+1.5	22	31	-5	17	-2	65	15	0	8	8
	62387	MINYA	10	11	10	00	0	0	—	13.5		21	32		15		74	16	0	5	
	62393	ASYÛT MANQABÂD	320	5	30	00	0	0	—	12.6		21			17		50	10	0	dr.	
	62399	NAG' HAMMÂDI	290	2	18	00	0	0	—	10.3	+1.0	24	33		18		47	12	0	0	
	62402	QENA	270	5	35	00	0	0	—	9.9	+0.8	27	37	-3	20	-3	42	13	0	dr.	
	62405	LUXOR											36							dr.	
	62414	ASWÂN	360	10	50	00	0	0	—	10.3	+1.1	26	37	-4	21	-5	48	14	0	2	
OASES	62417	SÎWA	00	0	35	00	0	0	—	15.9	+2.2	22	33	-4	17	-2	69	16	0	1	8
	62420	BAHARÎYA	360	6	35	02	0	0	—	14.6	+1.9	20	31	-5	15	-4	73	15	0	dr.	7
	62423	FARAFRA	270	1	15	02	0	0	—	14.3		24	32		16		32	6	0	dr.	
	62432	DAKHLA	320	11	35	00	0	0	—	12.6	+1.4	24	32	-7	18	-4	34	7	0	dr.	
	62435	KHARGA	360	4	35	00	0	0	—	11.9	+2.1	24	32	-7	21	-2	54	14	0	0	
RED SEA	62450	SUEZ	00	0	35	00	0	2	Cu	11.4	+0.1	23	31	-4	18	-3	65	16	0	12	17
	62459	TÛR	360	9	35	00	0	0	—	8.8	-0.1	24	29	-4	22	-1	61	16	0	dr.	13
	62462	HURGHADA	330	24		00	0	0	—	9.4		24	27		20		61	16	0	7	
	62465	QUSEIR	360	13	15	02	0	0	—	9.5	+0.8	26	29		24	-2	55	16	0	0	4
	62641	PORT SÛDÂN			30	01	1		Ci	6.9		33	36		24		41	18		35	97
NORTH SÛDÂN	62600	WÂDI HALFA											37						0	14	
	62640	ABU HAMAD	360	13				7	Cs				41		27			8	0		
	62660	KAREIMA	360	11	30	03	2	8	Cs	8.7		29	40		24		15	0	0	5	2
	62680	'ATBARA		5	50	02	2	8		7.8		31	45		27		12	-1	0	8	7
	62721	KHARTÛM	250	4	36			6	Ac,Cs	8.4		31	40		25		9	-5	0	13	10
	62730	KASSALA	160	19	10	07	0	0	—	9.1		28	42		24		52	17	0	44	31
CENTRAL SÛDÂN	62751	WÂD MEDANI																		75	34
	62801	RENK	230	5	50	02	1	4	Ci	10.2		27	36		21		70	21	4	12	115
	62802	ROSEIRES	130	2	2	02	2	8	Fs,Fc			22	34		30		21	5	15	118	151
	62771	EL OBEID	330	10	30	00	0	0	—	7.6		30	38		24		27	9	0	83	46
	62760	EL FÂSHER	00	0		00	0	1				28	38		23		29	8	0	18	20
	62770	GENEINA	50	4	30	01	0	6	Ac			25	39		23		18	-1	0		41
S. SÛDÂN	62840	MALAKÂL	50	1	30	02	2	7	Ac	10.1		24	32		22		94	23	dr.	460	239
	62880	WÂU	180	3	30	02	1	6	Ac	9.4		24	35		22		83	21	7	480	423
	62941	JUBA	80	5	30	03	2	8	Ac,Cu	10.2		25	33		21		74	20	0	389	514

HUMIDITY % Mean of day

STATION	on 10th	Diff. from normal
Alexandria	63	-9
Ezbekiya	51	-2
Giza	45	-7
Helwân	43	+4

GÎZA GRASS MINIMUM TEMP. ON 11th 12.3 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

PRESSURE mbs	HEIGHT ABOVE M.S.L. FEET	DRY °C.	WET °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — AIRPORT — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	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. FEET	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. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 10th

STATION	Aswan		S. Barrani		Siwa		Baharyia		Kharga				S. Barrani		Minya		Matruh				Fouad A.P.		Hurghada		P. Said	
TIME	14		14		14		14		14				14		15		15	15			15		15		14	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	350	12	320	16	360	9	360	20	10	15			320	16	350		320	19			320	17	330	40	310	24
600	350	10	330	15	350	11	360	21	360	14			330	15	350		320	19			330	25	340	26	300	26
1000	350	6	330	13	350	12	340	18	350	16			330	13	340		320	19			330	20	320	15	300	23
1500	290	7	320	13	350	13	340	25	320	9			320	13							320	29	290	16	270	10
2000	270	14	320	12	350	16	340	36	320	16			320	12							300	19	340	11	210	26
3000	280	22			360	13			290	10											280	23	260	9		
4000	280	18			350	9			260	16											290	23				
5000					350	6			250	12											250	10				
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 11th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Farouk	
TIME	4		3	15	3		3				7	45	9		9				9		3		3	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	330	9			320	12	300	10			350	8	330	4	330	9			360	15	330	35	340	10
600	330	7	330	17	350	12	310	12			330	10	350	7	350	11			350	14	310	17	350	15
1000	320	6	340	17	350	13	330	9			360	18	340	16	350	14			350	7	300	22	350	18
1500	320	10	340	16	360	17	10	16			20	8	340	8	350	12			280	11	280	15	350	17
2000	340	10			360	17	330	6			310	6	310	9	310	3			270	9	300	23	320	11
3000	350	18			330	17							300	6	260	10							290	16
4000	340	12			300	17							270	15										
5000	340	10			270	27							240	21									360	19
6000																							260	25
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		5		9																	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	310	6	340	26	340	15	360	18																
600	280	8	350	33	360	15	350	18																
1000	290	9	360	23	10	27	350	10																
1500	320	16																						
2000	330	17																						
3000	340	21																						
4000	360	16																						
5000																								
6000																								
7000																								
8000																								

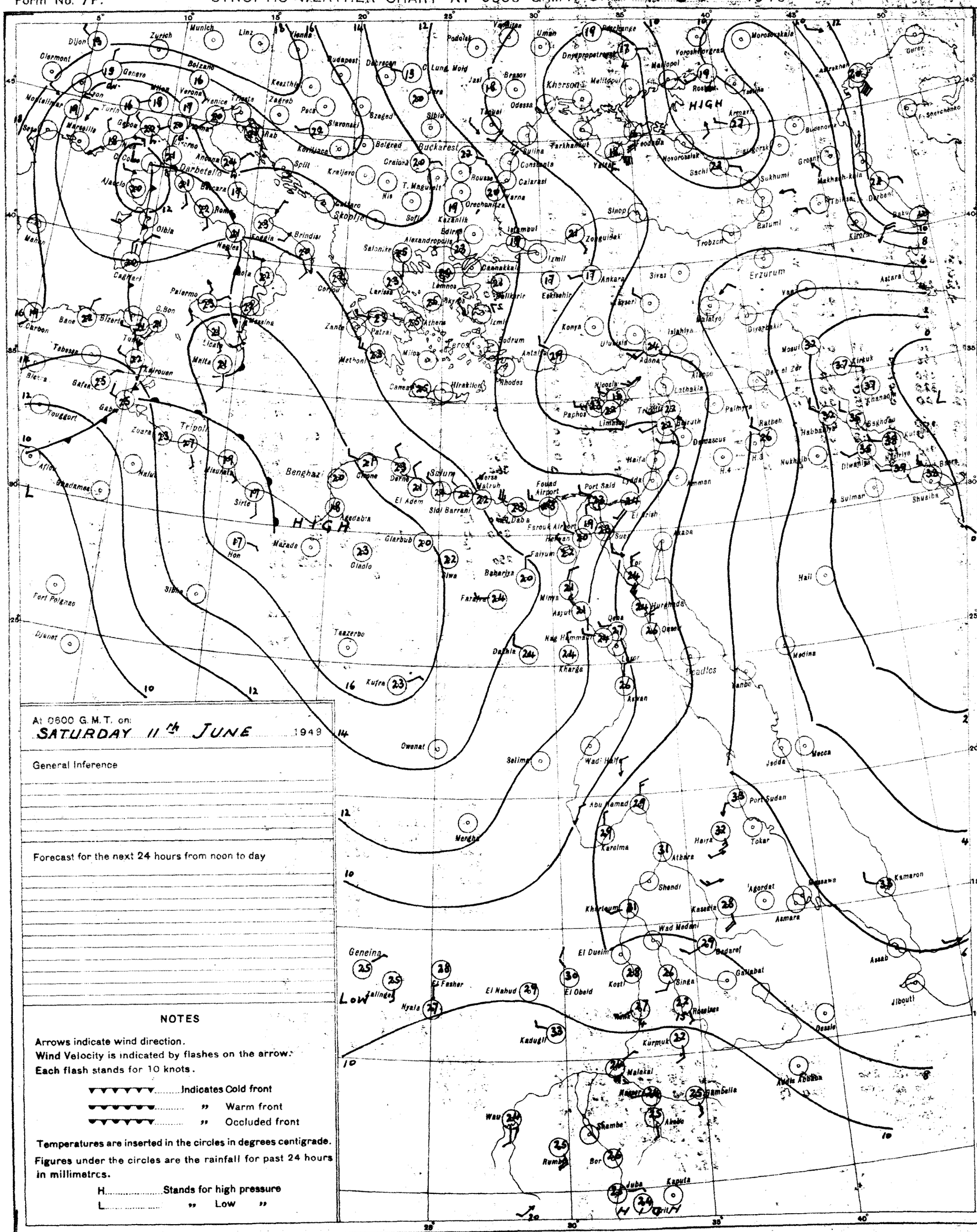
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 11 - 6 1949


HIGH
HIGH
LOW
Dijon
Zurich
Munich
Linz
Vienna
Budapest
Debrecen
Podolsk
Umsn
Dnyepropetrovsk
Kherson
Melitopol
Odessa
Bucharest
Sofia
Istanbul
Ankara
Sivas
Erzurum
Tbilisi
Baku
Tehran
Baghdad
Damascus
Beirut
Jerusalem
Amman
Cairo
Port Said
Khartoum
Asmara
Addis Ababa
Nairobi
Kampala
Mogadishu
Aden
Jeddah
Mecca
Medina
Tripoli
Benghazi
Malta
Palermo
Rome
Naples
Marseille
Geneva
Milan
Venice
Trieste
Zagreb
Belgrad
Sofia
Athens
Rhodes
Nicosia
Cairo
Khartoum
Port Sudan
Asmara
Addis Ababa
Nairobi
Kampala
Mogadishu
Aden
Jeddah
Mecca
Medina
Tehran
Baghdad
Damascus
Beirut
Jerusalem
Amman
Port Said
Cairo
Khartoum
Asmara
Addis Ababa
Nairobi
Kampala
Mogadishu
Aden
Jeddah
Mecca
Medina
Tehran
Baghdad
Damascus
Beirut
Jerusalem
Amman
Port Said
Cairo
Khartoum
Asmara
Addis Ababa
Nairobi
Kampala
Mogadishu
Aden
Jeddah
Mecca
Medina
Tehran
Baghdad
Damascus
Beirut
Jerusalem
Amman
Port Sudan
Kamaron
Djibouti
Asaab
Dessie
Gondar
Kassala
Wad Medani
El Obeid
El Fasher
Nyala
Zalingei
Geneina
Kadugli
Kurmuk
Malakal
Bor
Juba
Kapoeta
Rumbek
Wau
Shambe
Akobo
Gambella
Addis Ababa
Nairobi
Kampala
Mogadishu
Aden
Jeddah
Mecca
Medina
Tehran
Baghdad
Damascus
Beirut
Jerusalem
Amman
Port Said
Cairo
Khartoum
Asmara
Addis Ababa
Nairobi
Kampala
Mogadishu
Aden
Jeddah
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Medina
Tehran
Baghdad
Damascus
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Port Said
Cairo
Khartoum
Asmara
Addis Ababa
Nairobi
Kampala
Mogadishu
Aden
Jeddah
Mecca
Medina
Tehran
Baghdad
Damascus
Beirut
Jerusalem
Amman
Port Said
Cairo
Khartoum
Asmara
Addis Ababa
Nairobi
Kampala
Mogadishu
Aden
Jeddah
Mecca
Medina
Tehran
Baghdad
Damascus
Beirut
Jerusalem
Amman
Port Sudan
Kamaron
Djibouti
Asaab
Dessie
Gondar
Kassala
Wad Medani
El Obeid
El Fasher
Nyala
Zalingei
Geneina
Kadugli
Kurmuk
Malakal
Bor
Juba
Kapoeta
Rumbek
Wau
Shambe
Akobo
Gambella

CAIRO

Time of Sunrise 02 53 G. M. T.

" " Sunset 16 56 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: Sunday 12th June, 1949

At 1200 on Sat. 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	360	16	7	02	0	0	–	14.3	26	55	16
	62303	SÎDI BARÂNI	320	9		02	0	3	Sc,Ci	15.2	24	83	21
	62306	MATRÛH	360	12	18	02	1	1	Ci	14.1	25	74	20
	62309	EL DABA	320			00	0	0	–	13.9	24	96	18
		ALEXANDRIA	330	10	50	00	0	0	–	12.8	24	74	19
	62318	FOUAD (Airport)	340	16	18	01	1	0	–	12.5	26	62	18
	62330	DAMIETTA	320	15	15	01	0	0	–	12.7	25	74	20
	62333	PORT SAÏD	10	12	18	01	0	0	–	12.1	25	65	18
	62336	EL 'ARISH	320	9	35	01	0	0	–	12.6	24	74	19
LOWER EGYPT	62339	DAMANHUR	20	13	15	02	0	0	–	12.7	28	45	15
	62342	MANSURA	360	9	35	00	0	0	–	11.9	31	28	10
	62348	TANTA	360	8	35	02	0	0	–	13.1	30	35	13
	62354	ZAGAZIG	320	5	15	00	1	0	–	11.2	32	38	16
	62441	ISMAÏLÍA	20	2	7	03	1	4	Cu	11.0	31	31	12
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMÂZA	350	9	15	00	0	0	–	11.1	31	19	5
		EZBEKÎYA	360	3	35	00	0	0	–	11.1	32	28	11
		GÎZA	360	3	35	00	0	0	–	11.6	32	28	11
	62378	HELWÂN	340	8	35	02	0	0	–	11.0	30	25	8
UPPER EGYPT	62381	FAIYÛM	20	5	35	02	0	0	–	11.2	31	26	9
	62387	MINYA	20	13	12	00	0	0	–	11.3	31	31	12
	62393	ASYÛT MANQABÂD	340	12	30	00	0	0	–	10.2	32	17	4
	62399	NAG' HAMMÂDI	270	2	15	00	0	0	–	8.0	33	24	10
	62402	QENA	240	5	50	00	0	0	–	7.2	37	14	6
	62405	LUXOR											
	62414	ASWÂN	340	8	50	00	0	0	–	7.6	35	20	9
OASES	62417	SÎWA	320	4	35	00	0	0	–	14.6	33	79	29
	62420	BAHARÎYA	320	5	35	02	0	0	–	12.4	31	31	12
	62423	FARAFRA	320	5	15	02	0	0	–	13.1	33	12	0
	62432	DAKHLA	320	10	50	00	0	0	–	10.6	31	28	10
	62435	KHARGA	20	2	35	00	0	0	–	10.2	33	28	12
RED SEA	62450	SUEZ	360	4	35	01	0	0	–	10.0	29	35	12
	62459	TÛR	310	11	35	00	0	0	–	8.0	27	62	19
	62462	HURGHÂDA	340	20		00	0	0	–	8.2	27	58	18
	62465	QUSEIR	360	13	15	02	0	0	–	8.4	27	70	21
	62641	PORT SUDÂN	50	15	30	03	0	1	Cu	5.6	33	56	23
NORTH SÛDÂN	62600	WÂDI HALFA	340	10	30	02	1	3	Ci	7.7	35	10	-1
	62640	ABU HAMAD	360	2	30	01	1	2	Ci	3.6	41	5	-5
	62660	KAREIMA	320	7	30	01	2	3	Ci	4.4	38	9	-1
	62680	'ATBARA	270	2	30	00	0	0	–	3.1	41	11	5
	62721	KHARTÛM	320	5	30	02	1	0	–	5.1	38	9	-1
	62730	KASSALA	270	2	30	00	0	0	–	4.4	38	25	15
CENTRAL SÛDÂN	62751	WÂD MEDANI											
	62801	RENK	230	5	50	01	1	6	Cu	8.7	34	23	10
	62802	ROSEIRES											
	62771	EL OBEID	50	9	30	03	1	6	Cu,Ac,Ci	5.0	37	25	14
	62760	EL FÂSHER	130	6	30	00	0	0	–		36	12	2
	62770	GENEINA	90	4	30	00	0	2	Cu,Ac		36	13	4
S. SÛDÂN	62840	MALAKÂL	200	4	30	03	1	5	Cb,Ac,Ci	7.0	32	49	20
	62880	WÂU	00	0	30	02	1	7	Cu,Ac	6.8	32	15	22
	62941	JUBA	110	2	30	03	1	5	Cu,Ac	6.7	33	53	22

At 1800 on Sat. 11th

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.
62300	SALÛM												
62303	SÎDI BARÂNI	320	6	35	02	0	8	Sc,Ci	14.0	21	95	21	0
62306	MATRÛH	360	10	13	03	1	1	Cu	14.2	22	83	19	0
62309	EL DABA				00	0	0	–	10.0	22	74	17	0
	ALEXANDRIA	360	3	7	00	0	0	–	13.0	22	83	19	0
62318	FOUAD (Airport)	340	11	12	02	0	0	–	12.7	22	83	19	0
62330	DAMIETTA	340	5		03	1	2	Cu	11.5	23	83	20	0
62333	PORT SAÏD	10	9	13	02	0	1	Sc	12.1	23	78	19	0
62336	EL 'ARISH	320	2	35	02	0	0	–	10.8	23	83	20	0
62339	DAMANHUR	360	4	15	02	0	0	–	12.7	23	74	18	0
62342	MANSURA	360	5	3	00	0	0	–	12.8	24	69	18	0
62348	TANTA	310	2	35	00	0	0	–	13.6	26	70	20	0
62354	ZAGAZIG	320	5	3	00	0	0	–	12.4	25	61	17	0
62441	ISMAÏLÍA	360	2	7	02	0	0	–				18	0
62366	FAROUK (Airport)												
62372	ALMÂZA	20	16	12	00	0	0	–	11.5	28	33	10	0
	EZBEKÎYA	360	4	15	00	0	0	–	11.5	29	29	9	0
	GÎZA	360	4	15	00	0	0	–	12.6	26	42	12	0
62378	HELWÂN	340	11	15	02	0	0	–	11.1	27	33	9	0
62381	FAIYÛM	20	2	35	02	0	0	–	10.4	28	40	13	0
62387	MINYA	20	7	10	00	0	0	–	11.0	25	51	14	0
62393	ASYÛT MANQABÂD												
62399	NAG' HAMMÂDI	320	8	7	00	0	0	–	8.6	28	33	10	0
62402	QENA	240	5	7	00	0	0	–	7.2	36	10	-1	0
62405	LUXOR	310	3	12	00	0	0	–	8.6	31	31	12	0
62414	ASWÂN	360	6	50	00	0	0	–	7.8	32	20	6	0
62417	SÎWA	00	0	7	00	0	0	–	14.8	32	70	26	0
62420	BAHARÎYA	320	2	15	02	0	0	–	12.7	28	33	10	0
62423	FARAFRA	320	3	7	02	0	0	–	12.6	26	25	4	0
62432	DAKHLA	320	6	35	00	0	0	–	11.2	28	27	7	0
62435	KHARGA	00	0	15	00	0	0	–	9.6	27	33	9	0
62450	SUEZ	00	0	15	02	0	0	–	10.4	26	42	12	0
62459	TÛR	310	11	15	00	0	0	–	7.5	26	55	16	0
62462	HURGHÂDA	310	14		00	0	0	–	8.5	27	55	17	0
62465	QUSEIR	310	9	15	02	0	0	–	8.4	26	55	16	0
62641	PORT SUDÂN												
62600	WÂDI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	'ATBARA												
62721	KHARTÛM												
62730	KASSALA												
62751	WÂD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID												
62760	EL FÂSHER												
62770	GENEINA												
62840	MALAKÂL												
62880	WÂU												
62941	JUBA												

At 0600 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.	Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	340	4	7	02	0	0	–			24			16		69	18	0		
SÎDI BARÂNI	290	7	50	02	2	8	Sc,Ci	15.6		23	24		20		88	21	0	278	
MATRÛH	360	5	14	01	2	4	Sc	15.0		23	26		18		74	18	0		
EL DABA	320			00	0	0	–	14.2		24			19		69	18	0		
ALEXANDRIA	360	3	50	00	0	0	–	13.8	+0.8	23	26	-2	20	0	74	18	0	267	186
FOUAD (Airport)	320	10	14	02	0	0	–	13.6		24	26		20		69	18	0	265	138
DAMIETTA	290	2		03	1	2	Ac	13.5	+1.8	24	26		16		74	19	0	319	106
PORT SAÏD	290	3	10	02	0	2	Sc	13.1		25	26		21		74	20	0	72	
EL 'ARISH	270	2	35	02	0	0	–	13.3	+1.5	25	25	-3	15	+2	70	19	0		94
DAMANHUR	40	9	15	02	0	0	–	13.4	+1.1	25	29	-3	16	-2	74	20	0	102	101
MANSURA	320	5	35	00	0	0	–	13.8	+1.8	23	32	-2	19	+1	84	20	0	49	55
TANTA	00	0	35	01	1	6	Cu,Sc	14.4	+2.0	22	32	-2	14	-3	83	19	0	34	44
ZAGAZIG	320	5	7	00	0	0	–	14.3	+2.1	25	34	0	18	+1	70	19	0	21	27
ISMAÏLÍA	320	2	3	01	1	3	Sc	13.5		25	32		20		61	17	0	14	
FAROUK (Airport)	360	3	10	00	0	0	–	14.1		22			18		74	17	0		
ALMÂZA	340	6	12	01	2	3	Sc	13.6	+1.6	22	32		19		74	17	0		
EZBEKÎYA	360	5	15	00	0	0	–	12.7	+0.7	23	32	-3	21	+2	53	13	0	8	26
GÎZA	360	5	15	00	0	0	–	13.9	+1.9	24	32	-3	18	+1	66	17	0	16	26
HELWÂN	360	5	7	02	0	0	–	13.5	+1.6	23	32	-2	18	-2	65	16	0	16	29
FAIYÛM	00	0	35	02	0	0	–	13.9	+2.2	23	33	-3	18	-1	65	16	0	8	8
MINYA	30	14	10	00	0	0	–	12.8		24	33		17		69	18	0	5	
ASYÛT MANQABÂD	320	3	30	00	0	0	–	12.3		24			20		54	14	0	Dr.	
NAG' HAMMÂDI	00	0	7	00	0	0	–	10.8	+1.6	25	34		15		54	15	0	0	
QENA	290	5	35	00	0	0	–	10.8	+1.8	26	39	-1	21	-2	42	12	0	Dr.	
LUXOR	360	6	30	00	0	0	–	10.5		29	37		20		40	14	0	Dr.	
ASWÂN	360	6	50	00	0	0	–	10.4	+1.3	28	37	-4	21	-5	40	13	0	2	
SÎWA	00	0	35	00	0	0	–	15.8	+2.2	24	34	-3	17	-2	69	18	0	1	8
BAHARÎYA	360	2	35	02	0	0	–	14.0	+1.4	25	33	-3	18	-1	42	11	0	Dr.	7
FARAFRA	360	3	15	02	0	0	–	14.6		25	33		18		34	8	0	Dr.	
DAKHLA	00	0	35	00	0	0	–	12.6	+1.4	28	33	-6	21	-1	27	7	0	Dr.	
KHARGA	20	2	35	00	0	0	–	11.9	+2.2	27	33	-6	22	-1	52	16	0	0	
SUEZ	00	0	35	00	0	0	–	12.2	+1.0	24	32	-3	18	-3	69	18	0	12	17
TÛR	310	8	35	00	0	0	–	9.5	+0.7	24	30	-3	19	-4	69	18	0	Dr.	13
HURGHADA	330	18		00	0	0	–	10.6		25	27		20		54	15	0	7	
QUSEIR	360	19	15	02	0	0	–	9.9	+1.3	27	29	-4	23	-3	55	17	0	0	4
PORT SUDÂN	360	3	30	02	0	1	Ac	6.8		33	37		26		47	20	0	35	97
WÂDI HALFA	360	7	30	00	0	0	–	10.8		26					21	2	0	14	
ABU HAMAD	360	9	30	00	0	0	–	6.9		31	42		27		11	-3	0		
KAREIMA	340	9	30	00	0	0	–	8.3		31	40		24		11	-3	0	5	2
'ATBARA	340	9	30	02	0	1	Ci	6.4		33	42		28		15	3	0	8	7
KHARTÛM	50	8	30	01	0	0	–	7.6		32	40		27		13	0	0	13	10
KASSALA	200	9	30	00	0	0	–	8.2		31	41		27		49	19	0	44	32
WÂD MEDANI	230	9	35	00	0	0	–	8.7		30	40		23		43	16	0	75	35
RENK	230	5	50	02	6	8		13.3		24	35		20		69	18	7		117
ROSEIRES																		118	156
EL OBEID	260	9	30	03	1	7	Ac	9.2		29	38		27		52	18	0	83	47
EL FÂSHER																		18	21
GENEINA	230	3	30	01	1	4	Ci			24	48		23		65	17	0		42
MALAKÂL	130	9	30	21	6	7	Sc,Ac	11.7		23	33		21		83	20	Dr.	460	243
WÂU	00	0	30	02	1	7	Ac	11.1		23	33		23		88	21	4	484	428
JUBA	310	2	10	15	6	8	St,Ac,Ci	13.5		23	33		21		94	22	16	405	519

HUMIDITY % Mean of day

STATION	on 11th	Diff. from normal
Alexandria	80	+8
Ezbekiya	48	-5
Gîza	51	-1
Helwân	53	+13

GÎZA GRASS MINIMUM TEMP. ON 12th 15.3 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	DRY °C.	WET °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — On ..... At ..... AIRPORT

PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 11th

HEIGHT m.	Sidi Barr. DIR.	Sidi Barr. VEL.	Matruh DIR.	Matruh VEL.	Fouad Apt DIR.	Fouad Apt VEL.	Port Said DIR.	Port Said VEL.	Minya DIR.	Minya VEL.	DIR.	VEL.	DIR.	VEL.
TIME	14		13		12 45		14		15	15				
300	330	9	320	16	320	10	340	16	360	28				
600	330	7	330	14	330	10	340	13	360	22				
1000	320	6	340	15	340	14	330	17	360	20				
1500	320	10	340	26	10	14	350	20	350	25				
2000	340	10	340	25	340	11	340	14	340	11				
3000	350	18			330	11			290	12				
4000	340	12			330	11			260	12				
5000	340	10			330	18			250	10				
6000					260	22								
7000					260	28								
8000					270	20								

HEIGHT m.	Aswan DIR.	Aswan VEL.	Siwa DIR.	Siwa VEL.	Dakhla DIR.	Dakhla VEL.	Kharga DIR.	Kharga VEL.	Bahariya DIR.	Bahariya VEL.	Hurghada DIR.	Hurghada VEL.	DIR.	VEL.
TIME	14		14		14		14		14		15			
300	20	13	310	16	350	16	360	21	350	41	330	32		
600	330	9	310	18	350	13	360	27	350	45	340	19		
1000	340	13	330	20	360	14	360	25	350	28	320	12		
1500	320	12	350	19	360	18	350	20	350	22	300	22		
2000	260	14	350	19	350	17			340	28	290	10		
3000	240	33	360	35										
4000	240	32	350	12										
5000			360	10										
6000			360	12										

UPPER WIND OBSERVATIONS on 12th

STATION	SÎDI BARÂNI DIR.	SÎDI BARÂNI VEL.	MATRÛH DIR.	MATRÛH VEL.	ROUAD AIRPORT DIR.	ROUAD AIRPORT VEL.	PORT SAÏD DIR.	PORT SAÏD VEL.	EL 'ARÎSH DIR.	EL 'ARÎSH VEL.	HELWÂN DIR.	HELWÂN VEL.	MINYA DIR.	MINYA VEL.	ASYÛT MANQABAD DIR.	ASYÛT MANQABAD VEL.	LUXOR DIR.	LUXOR VEL.	ASWÂN DIR.	ASWÂN VEL.	HURGHADA DIR.	HURGHADA VEL.	[illegible] DIR.	[illegible] VEL.
TIME	9		3 30		3		3				6 45		3 30		9						3		3	
300	310	8	310	11	350	14	340	7			360	16	90	23	330	7					330	19	10	8
600	340	3	360	14	10	17	350	7			30	8	20	27	10	12							20	14
1000	350	4	40	17	10	13	30	7			20	24	360	23	20	16					340	11	10	19
1500	350	4			20	16	40	14			40	26	30	21	10	15					330	6	40	22
2000	360	6			30	8	30	12			70	22	360	9	40	5					220	3	20	9
3000	20	8			20	12	50	7			350	11	360	17	350	3					230	10	310	5
4000	30	7			320	14	300	12			290	8									240	19	200	8
5000	10	9			350	11	300	12													250	26	270	7
6000					320	10																		
7000																								
8000																								

STATION	SÎWA DIR.	SÎWA VEL.	BAHARÎYA DIR.	BAHARÎYA VEL.	DAKHLA DIR.	DAKHLA VEL.	KHARGA DIR.	KHARGA VEL.	WÂDI HALFA DIR.	WÂDI HALFA VEL.	ABÛ HAMAD DIR.	ABÛ HAMAD VEL.	KAREIMA DIR.	KAREIMA VEL.	KHARTÛM DIR.	KHARTÛM VEL.	KASSALA DIR.	KASSALA VEL.	EL OBEID DIR.	EL OBEID VEL.	EL FÂSHER DIR.	EL FÂSHER VEL.	MALAKÂL DIR.	MALAKÂL VEL.
TIME	9		9		9		9										4		4					
300	270	5	20	19	350	13	10	10									190	5						
600	280	4	10	24	350	18	360	8									200	16						
1000	10	8	20	39	350	19	360	6									230	18	80	4				
1500	10	14	360	22	350	25											280	9	70	10				
2000	360	17	30	20	350	32																		
3000	20	18	30	17													10	8	90	13				
4000	10	10	10	17																				
5000	20	5																						
6000	7	3																						
7000	190	2																						
8000	220	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.

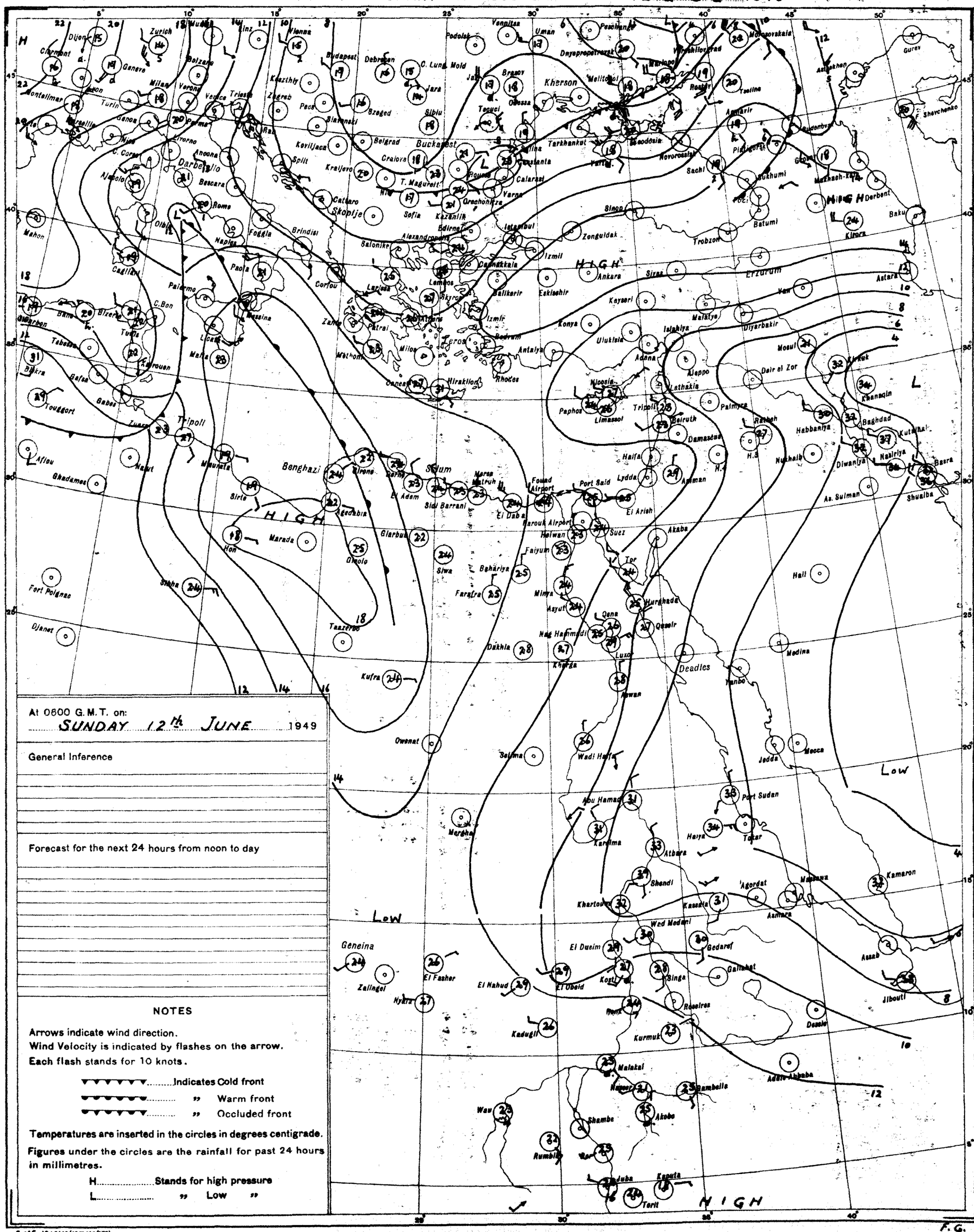
K. N.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 12 - 6 - 1949


HIGH
LOW
Kherson
Buckarest
Darbello
Skopije
Tripoli
Benghazi
Sollum
Deadlos
Geneina
Khartoum
Port Sudan
Asmara
Addis Ababa
Jibouti
Kamaron
Mecca
Jedda
Medina
Basra
Baghdad
Erzurum
Ankara
Istanbul
Baku
Derbent
Batumi
Trobzon
Kirkuk
Mosul
Aleppo
Damascus
Beirut
Haifa
Amman
Port Said
Suez
Cairo
Khanaqin
Kutalkal
Nasiriya
Diwaniya
Habbaniya
Shuaiba
Aswan
Luxor
Wadi Halfa
Atbara
Kassala
Gedaref
Wed Medani
El Dueim
El Obeid
Kosti
Singa
Roseires
Malakal
Gambella
Akobo
Shambe
Kurmuk
Kadugli
El Nahud
El Fasher
Zalingei
Nyala
Kufra
Tazerbo
Marada
Hon
Sirte
Benghazi
Tobruk
Marsa Matruh
Fouad Airport
Port Said
Ei Arish
Akaba
Tor
Hurghada
Qena
Qeneir
Faiyum
Minya
Asyut
Bahariya
Farafra
Siwa
Dakhla
Kharga
Owenat
Salima
Wadi Halfa
Abu Hamad
Kordofan
Marsa Matruh
Tobruk
Tarit
Kapuita
Duba
Wau
Rumbek
Shambe
Malakal
Nasser
Gambella
Akobo
Addis Ababa
Dessie
Asmara
Massawa
Agordat
Kassala
Gedaref
Galhabat
Roseires
Kosti
Singa
Wed Medani
El Dueim
El Obeid
Kadugli
Kurmuk
Malakal
Nasser
Gambella
Akobo
Shambe
Rumbek
Wau
Tarit
Kapuita
Duba
Port Sudan
Tokar
Haiya
Atbara
Kordofan
Shendi
Khartoum
Kassala
Gedaref
Galhabat
Roseires
Kosti
Singa
Wed Medani
El Dueim
El Obeid
Kadugli
Kurmuk
Malakal
Nasser
Gambella
Akobo
Shambe
Rumbek
Wau
Tarit
Kapuita
Duba
Addis Ababa
Dessie
Asmara
Massawa
Agordat
Kassala
Gedaref
Galhabat
Roseires
Kosti
Singa
Wed Medani
El Dueim
El Obeid
Kadugli
Kurmuk
Malakal
Nasser
Gambella
Akobo
Shambe
Rumbek
Wau
Tarit
Kapuita
Duba
Port Sudan
Tokar
Haiya
Atbara
Kordofan
Shendi
Khartoum

CAIRO
Time of Sunrise 02 53 G. M. T.
" " Sunset 16 57 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: Monday 13th June, 1949

At 1200 on Sun. 12th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM	360	11	7	02	0	0	—	16.4	27	62	16
	62303	SÎDI BARÂNI	320	8	50	02	2	8	Cs	16.3	24	74	23
	62306	MATRÛH	10	8	18	03	0	1	Cu	15.3	25	74	20
	62309	EL DABA	320			00	0	0	—		25	61	17
		ALEXANDRIA	310	9	50	00	0	0	—	14.4	26	70	20
	62318	FOUAD (Airport)	340	14	18	02	0	0	—	14.1	26	62	18
	62330	DAMIETTA	360	2	15	01	0	0	—	13.0	27	62	19
	62333	PORT SAÏD	20	9	18	02	0	0	—	13.4	27	70	21
	62336	EL 'ARISH	360	2	35	02	0	0	—	13.6	26	70	20
Lower Egypt	62339	DAMANHUR	360	9	15	02	0	0	—	14.0	30	40	15
	62342	MANSURA	360	9	35	00	0	0	—	12.7	35	23	11
	62348	TANTA	360	5	35	02	0	0	—	13.6	35	23	11
	62354	ZAGAZIG	40	2	15	00	0	0	—	12.8	33	34	15
	62441	ISMAÏLIA	360	5	15	02	0	0	—	12.2	34	22	9
Cairo Area	62366	FAROUK (Airport)	40	10	30	00	0	0	—	12.2	34	19	7
	62372	ALMAZA	40	7	15	00	0	0	—	11.7	34	23	10
		EZBEKIYA	40	3	35	00	0	0	—	12.2	34	27	12
		GÎZA	40	3	35	00	0	0	—	12.3	34	24	11
	62375	HELWÂN	360	16	15	02	0	0	—	11.6	34	18	6
Upper Egypt	62381	FAIYÛM	20	8	35	02	0	0	—	11.6	34	18	6
	62387	MINYA	10	16	12	00	0	0	—	11.4	34	27	12
	62393	ASYÛT MANQABÂD	320	5	30	00	0	0	—	9.8	34	15	4
	62399	NAG' HAMMADI	270	3	15	00	0	0	—	9.1	35	23	11
	62402	QENA	240	5	50	00	0	0	—	8.7	38	19	11
	62405	LUXOR	00	0	30	00	0	0	—	7.2	41		2
	62414	ASWÂN	340	5	50	00	0	0	—	7.1	38	18	10
Oases	62417	SÎWA	270	15	36	00	0	0	—	16.3	34	27	12
	62420	BAHARÎYA	360	4	35	02	0	0	—	12.4	33	21	8
	62423	FARAFRA	360	10	35	02	0	0	—	13.5	33	16	4
	62432	DAKHLA	320	6	50	00	0	0	—	10.7	33	16	4
	62436	KHARGA	20	1	35	00	0	0	—	10.4	34	32	15
Red Sea	62450	SUEZ	360	13	35	02	0	0	—	10.4	32	28	11
	62459	TÛR	310	9	35	00	0	0	—	8.6	27	62	19
	62462	HURGHÂDA	360	10		00	0	0	—	9.6	27	52	21
	62465	QUSEIR	20	9	15	02	0	0	—	9.3	29	52	18
	62641	PORT SÛDÂN	360	16	30	02	0	1	Ci	5.0	41	32	21
North Sudan	62600	WÂDI HALFA	340	13	30	00	0	0	—	7.5	37	9	-1
	62640	ABU HAMAD	20	5	30	03	0	2	ac,cs	4.1	42	11	5
	62660	KAREIMA	20	4	30	00	0	0	—	5.7	41	10	3
	62680	'ATBARA	310	2	30	00	0	0	—	2.8	43	11	6
	62721	KHARTÛM											
	62730	KASSALA											
Central Sudan	62751	WÂD MEDANI	270	5	35	00	0	0	—	4.8	39	16	9
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	00	0	30	01	1	4	ac	4.8	37	27	15
	62760	EL FÂSHER	70	6	30	01	1	4	Ci		36	15	6
	62770	GENEINA	70	4	30	01	1	4	ac,ci		34	20	8
S. Sudan	62840	MALAKÂL	250	5	50	02	2	7	ac,ac	10.5	29	66	22
	62880	WÂU											
	62941	JUBA	340	5	50	02	2	7	ac	9.0	31	52	20

At 1800 on Sun. 12th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALUM	10	3	7	02	0	0	—	15.0	24	64	18	0
SÎDI BARÂNI	320	3	35	02	2	8	Cs	16.4	22	88	20	0
MATRÛH												
EL DABA	320	10		00	0	0	—		23	65	16	0
ALEXANDRIA	360	5	7	00	0	0	—	14.6	22	63	19	0
FOUAD (Airport)	350	10	14	02	0	0	—	14.3	22	56	20	0
DAMIETTA	360	2		02	0	0	—	13.8	24	63	21	0
PORT SAÏD	10	9	18	02	0	0	—	14.0	24	79	20	0
EL 'ARISH			7	02	0	0	—	12.2	23	83	20	0
DAMANHUR	40	5	15	02	0	0	—	14.4	24	74	19	0
MANSURA	40	5	3	00	0	0	—	12.8	25	61	17	0
TANTA	00	0	35	02	0	0	—		27	62	19	0
ZAGAZIG	40	9	3	00	0	0	—	12.6	26	62	18	0
ISMAÏLIA	20	2	7	02	0	0	—	13.4	27	52	16	0
FAROUK (Airport)												
ALMAZA	30	15	12	00	0	0	—	12.7	30	33	12	0
EZBEKIYA	360	3	15	00	0	0	—	13.9	29	35	12	0
GÎZA	360	3	15	00	0	0	—	13.6	29	33	11	0
HELWÂN	360	13	15	02	0	0	—	12.2	30	25	8	0
FAIYÛM	00	0	35	02	0	0	—	11.6	30	31	11	0
MINYA	360	9	10	00	0	0	—	11.5	26	51	15	0
ASYÛT MANQABÂD												
NAG' HAMMADI	00	0	7	00	0	0	—	9.0	26	48	14	0
QENA	240	9	7	00	0	0	—	8.7	31	28	10	0
LUXOR	00	0	12	00	0	0	—	8.2	31	17	3	0
ASWÂN												
SÎWA	00	0	7	00	0	0	—	15.4	24	65	17	0
BAHARÎYA	360	1	15	02	0	0	—	12.8	27	23	6	0
FARAFRA	340	3	15	02	0	0	—	13.3	27	23	4	0
DAKHLA	320	5	35	00	0	0	—	11.4	30	16	1	0
KHARGA	340	1	15	00	0	0	—	10.4	30	31	11	0
SUEZ	360	9	15	02	0	0	—	11.4	28	45	15	0
TÛR	320	9	15	00	0	0	—	8.8	24	74	19	0
HURGHÂDA	320	17		00	0	0	—	8.9	28	70	22	0
QUSEIR	320	9	15	02	0	0	—	9.3	27	52	16	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	0	30	01	1	4	ac	4.8	37	27	15	
EL FÂSHER	70	6	30	01	1	4	Ci		36	15	6	
GENEINA	70	4	30	01	1	4	ac,ci		34	20	8	
MALAKÂL	250	5	50	02	2	7	ac,ac	10.5	29	66	22	
WÂU												
JUBA	340	5	50	02	2	7	ac	9.0	31	52	20	

At 0600 on Monday 13th June,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	90	4	7	02	0	0	—	16.0		25	28		18		54	15	0		
SÎDI BARÂNI	290	5	50	01	0	0	—	17.2		24	25		17		83	21	0	278	
MATRÛH	320	2	14	01	2	1	Sc	16.6		21			16		83	18	0		
EL DABA	320			00	0	0	—			23			19		83	20	0		
ALEXANDRIA	360	9	7	03	1		Sc,Cu	16.2	+3.3	22	27	-1	20	0	83	19	0	267	186
FOUAD (Airport)	220	8	08	40	4	7	Sc	15.8		22	28		18		88	20	0	265	138
DAMIETTA	340	2	7	02	0	0	—	14.7	+3.1	25	29		17		74	20	0	319	106
PORT SAÏD			15	02	0	0	—	14.9		25	27		22		74	20	0	72	
EL 'ARISH	00	0	35	02	0	0	—	15.0	+3.3	25	27	-1	18	0	70	19	0		94
DAMANHUR	20	9	7	02	0	0	—	15.5	+3.3	25	31	-1	17	-1	74	20	0	102	101
MANSURA	360	5	35	00	0	0	—	15.2	+3.3	25	36	+2	17	-2	74	20	0	49	55
TANTA	00	0	35	02	0	0	—	16.3	+4.0	22	36	+2	16	-1	83	19	0	34	44
ZAGAZIG	40	5	7	01	2	5	as	15.6	+3.5	22	36	+2	18	0	88	20	0	31	27
ISMAÏLIA	20	2	7	02	0	0	—	15.0		26	35		19		62	18	0	14	
FAROUK (Airport)																			
ALMAZA	360	5	15	02	0	0	—	14.9	+2.9	25	35		22			20	0		
EZBEKIYA	40	5	15	01	0	2	Cu	15.6	+3.6	23	36	+1	20	0	74	18	0	8	26
GÎZA	40	5	15	01	0	2	Cu	15.2	+3.3	24	35	0	18	+1	73	19	0	16	26
HELWÂN	20	11	15	02	0	0	—	15.2	+3.4	28	35	+1	20	0	27	7	0	16	29
FAIYÛM	20	5	35	02	0	0	—	14.6	+3.0	25	35	-1	19	0	61	17	0	8	8
MINYA	20	13	10	00	0	0	—	13.5		24	35		19		69	18	0	5	
ASYÛT MANQABÂD	300	5	30	00	0	0	—	12.8		25			20		45	12	0	dr.	
NAG' HAMMADI	00	0	3	00	0	0	—	11.4	+2.2	27	36		18		42	13	0	0	
QENA	240	5	35	00	0	0	—	11.2	+2.3	27	40	-1	21	-2	37	11	0	dr.	
LUXOR											38							dr.	
ASWÂN	00	0	50	00	0	0	—	10.3	+1.3	29			24	-2	37	13	0	2	
SÎWA	00	0	35	00	0	0	—	16.7	+3.1	27	37	0	19	0	52	16	0	1	8
BAHARÎYA	360	2	35	02	0	0	—	14.7	+2.1	25	35	-1	20	+1	47	13	0	dr.	7
FARAFRA	00	0	15	00	0	0	—	15.0		27	35		19		37	11	0	dr.	
DAKHLA	00	0	35	00	0	0	—	12.6	+1.5	29	35	-4	20	-2	19	3	0	dr.	
KHARGA	40	3	35	00	0	0	—	11.5	+1.8	30	35	-4	23	0	35	13	0	0	
SUEZ	00	0	35	00	0	0	—	12.8	+1.7	28	34	-1	21	0	40	13	0	12	17
TÛR	310	2	35	00	0	0	—	10.6	+1.9	25	30	-3	21	-2	74	20	0	dr.	13
HURGHADA	320	15		00	0	0	—	11.1		26	28		22		58	17	0	7	
QUSEIR	360	13	15	00	0	0	—	10.4	+1.8	29	30	-3	22	-4	46	16	0	0	4
PORT SÛDÂN	340	11	30	01	1	1	ac,ci	6.2		32	41		22		43	18	0	35	97
WÂDI HALFA																		14	
ABU HAMAD	20	13	30	01	1	3	ac	6.7		33	44		30		15	3	0		
KAREIMA	360	7	30	00	0	0	—	8.3		31	42		24		16	2	0	5	2
'ATBARA	360	2	30	01	0	1	ac	6.4		34	44		29		17	7	0	8	7
KHARTÛM	270	3	30	00	1	0	—	9.2		31	35		25		11	-3	0	13	10
KASSALA	180	9	30	00	0	0	—	10.3		28	41		24		58	19	0	44	32
WÂD MEDANI	230	9	50	00	0	2	Ci	9.4		30	41		25		49	18	0	75	36
RENK	230	9	50	01	1	4	Ci			28			20		70	22	0		120
ROSEIRES	160	2	35	01	1	4	As			25	35		21		70	19	5	123	158
EL OBEID	230	16	30	03	0		ac	11.2		27			24				0	83	48
EL FÂSHER	00	0	30	00	0	2	ac			27	37		22		58	18	0	18	21
GENEINA	00	0	30	01	0	4	Cs			25	37		21		30	6	0		44
MALAKÂL	360	2	30	02	2	7	ac	13.8		24	30		21		83	21	0	460	247
WÂU	00	0	30	02	2	7	ac	12.0		22			21		94	21	2	486	433
JUBA	80	2	30	02	0	7	st,ac	12.9		23					94	22	0	405	524

HUMIDITY %

Mean of day

Station	on 12th	Diff. from normal
Alexandria	80	+8
Ezbekiya	50	-3
Giza	47	-5
Helwân	44	+4

GÎZA
GRASS MINIMUM TEMP.
ON 13th 16.4°C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent
On ..... At .....

Pressure mbs.	Height above M.S.L. feet	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

On ..... At ..... AIRPORT						On ..... At ..... AIRPORT						On ..... At ..... AIRPORT					
Pressure mbs	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.	Pressure mbs	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.	Pressure mbs.	Height above M.S.L. feet	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000						1000						1000					
950						950						950					
900						900						900					
850						850						850					
800						800						800					
700						700						700					
600						600						600					
500						500						500					
400						400						400					
300						300						300					

UPPER WIND OBSERVATIONS on 12th

Station	Aswan		Baharia		Siwa		Bahariya		Dakhla		Matruh		Kharga		Fouad A.P.		Minya		R Said		Hurghada				Alexandria	
Time	14		14		14		14		14		15		14		15		15		14		15				14	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	360	9	340	0	270	8	20	26	10	13	330	13	350	13	340	10	360	27	360	13	350	16			20	14
600	340	13	340	0	280	10	20	28	360	10	330	11	350	12	320	24	360	28	20	12	340	10			20	12
1000	340	11	300	0	320	8	10	16	350	19	340	13	250	13	330	12	250	27	20	12	320	5			40	10
1500	320	16	300	6	320	14	10	26	350	32	350	16	260	12	300	6	20	16	10	14	280	18			30	12
2000	240	23	20	5	30	15	20	23			340	10			160	2	20	16	20	14	300	11			40	8
3000	240	19			20	18	20	29			360	23			20	9	240	7	20	7	220	7				
4000			30	6	330	3	20	12			10	9			340	16	320	10								
5000			10	6	330	8	10	8			360	11			350	6	230	10								
6000											340	8			340	5	240	18								
7000											300	8			320	5	250	28								
8000															330	9										

UPPER WIND OBSERVATIONS on 13th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farouk A.P.	
Time	9		3	15	3		8				6	45	3		3				9		3		3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	340	3	330	8	10	17	60	3			20	13	360	29	350	11			10	17	320	23	20	12
600	330	6	10	10	40	18	20	9			40	26	20	24	20	23			10	7	330	23	40	15
1000	350	4	30	9	10	12	10	19			50	23	20	29	10	23			340	12	330	7	30	18
1500	20	1	20	7	30	15	30	14			60	32	20	52	350	11			290	8	50	6	50	17
2000	40	8	30	15	50	12	40	16			60	29			360	2			270	12	270	4	40	15
3000	40	4	30	21	80	23	90	6			50	26			40	3					260	8	50	6
4000	50	8	30	14	30	16									360	3								
5000	70	5	60	8	10	7																		
6000	70	3	330	3	350	8																		
7000	50	4	50	6	360	4																		
8000	170	2			290	3																		

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	9		5		5		9						4	15							4	45		
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	360	6	30	23	10	23	10	16																
600	70	7	20	26	10	19	360	14					30	19										
1000	30	9	20	30	10	16	10	16					10	17							30	4		
1500	50	17	30	36	10	12	90	3													230	4		
2000	60	16			360	9	60	3																
3000	60	21																						
4000	80	16																						
5000	70	16																						
6000	70	9																						
7000	210	4																						
8000																								

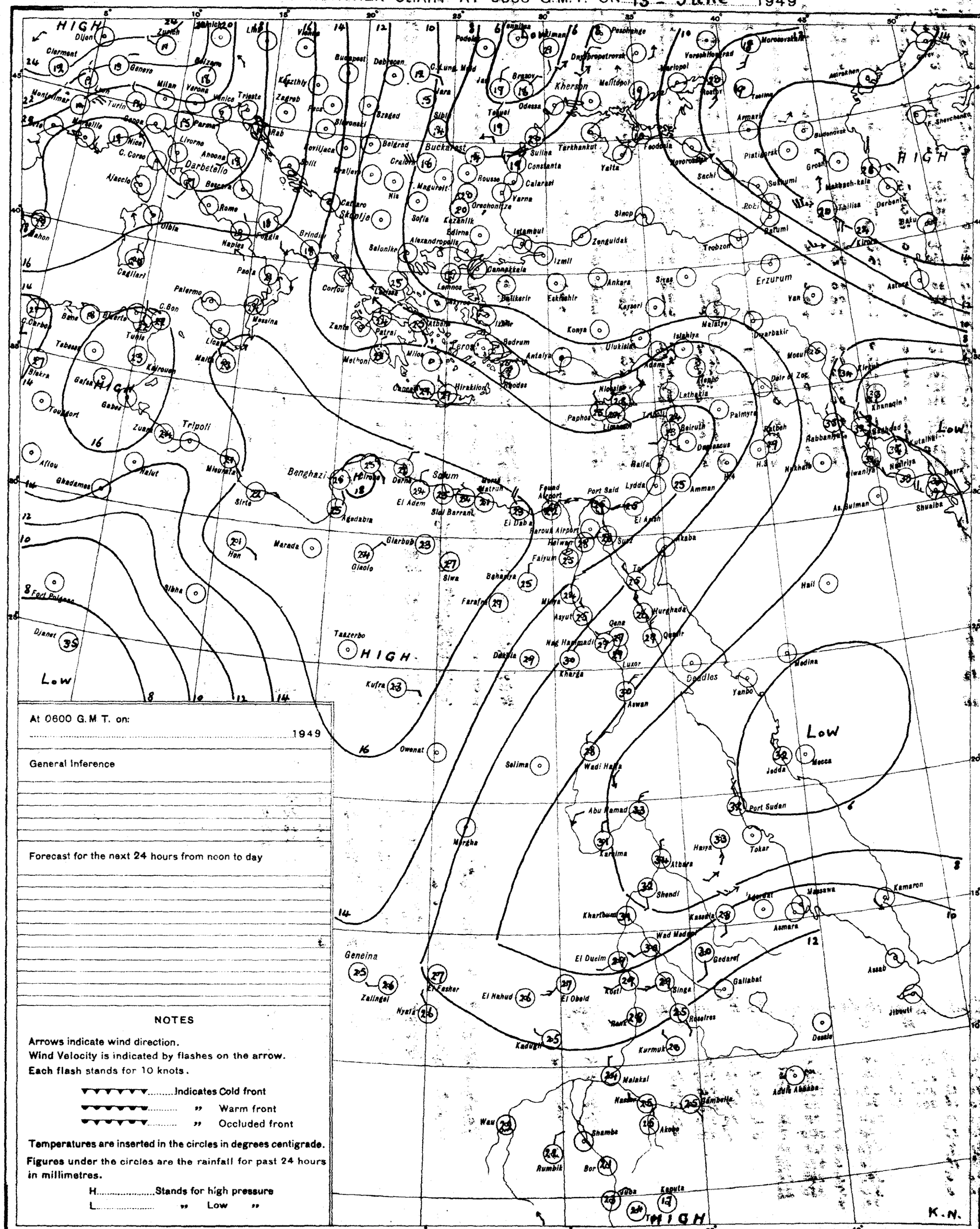
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 13th June 1949



At 0600 G.M.T. on:

.....1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼.....Indicates Cold front
▼▼▼▼▼▼..... " Warm front
▼▼▼▼▼▼..... " Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.....Stands for high pressure
L..... " Low "

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	
Dust in the air	06	
" or sand raised by wind	07	
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	
Drizzle	20	
Rain	21	
Showers of rain	25	
" " hail	27	
Fog	28	
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	
Drizzle	50	
Rain	60	
Showers of rain	80	
" " hail	87	
Rain / Hail: Thunderstorm during the past hour	91	
	93	
Thunderstorm with rain	95	
" " hail	96	
" " Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (vis less than 1000 m.)	4	
Drizzle	5	
Rain	6	
Snow or rain and snow	7	
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

Cloudless			
Cirrus	Ci	1	
Cirrostratus	Cs	2	
Cirrocumulus	Cc	3	
Altocumulus	Ac	4	
Altostratus	As	5	
Stratocumulus	Sc	6	
Nimbostratus	Ns	7	
Cumulus or Fractocumulus	Cu or Fc	8	
Cumulonimbus	Cb	9	
Stratus or Fractostratus	St or Fs	0	

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th " " "	2
3/8 " " " "	3
4/8 " " " "	4
5/8 " " " "	5
6/8 " " " "	6
7/8 " " " "	7
Sky completely covered	8
" obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1948(48/185)(46/450)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 02 53 G.M.T.
" " Sunset 16 57 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: Tuesday 14th June, 1949

At 1200 on Mon. 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	12	7	02	0	0	—	16.3	30	40	15
	62303	SIDI BARÂNI											
	62306	MATRÛH	350	9	18	00	0	0	—	16.6	27	65	17
	62309	EL DABA	320	10		00	0	0	—		26	62	18
		ALEXANDRIA	360	11	60	00	0	0	—	14.3	26	70	20
	62318	FOUAD (Airport)	340	14	14	02	4	0	—	14.1	27	58	18
	62330	DAMIETTA	360	2	15	02	0	0	—	13.9	29	52	18
	62333	PORT SAÏD	10	9	30	02	0	0	—	14.3	28	62	20
	62336	EL 'ARISH			35	02	0	0	—	14.0	28	62	18
Lower Egypt	62339	DAMANHUR	40	13	15	02	0	0	—	14.7	33	38	17
	62342	MANSURA	40	9	35	00	0	0	—	14.0	37	18	9
	62345	TANTA	360	5	35	02	0	0	—	14.7	36	25	13
	62354	ZAGAZIG	40	5	15	00	1	0	—	14.4	31	43	17
	62441	ISMAÏLIA	70	5	15	02	0	0	—	13.1	35	19	8
Cairo Area	62366	FAROUK (Airport)											
	62372	ALMAZA	20	14	18	00	0	0	—	12.7	36	20	10
		EZBEKIYA	70	5	35	00	0	0	—	13.2	36	26	13
		GIZA	70	5	35	00	0	0	—	13.1	35	18	7
	62378	HELWÂN	20	19	35	02	0	0	—	12.6	36	13	4
Upper Egypt	62381	FAIYÛM	20	8	35	02	0	0	—	12.4	35	19	8
	62387	MINYA	20	18	12	00	0	0	—	11.1	37	18	9
	62393	ASYUT MANQABAD	300	12	30	00	0	0	—	10.3	37	13	5
	62399	NAG' HAMMADI	320	3	7	00	0	0	—	8.8	38	19	11
	62402	QENA	270	5	50	00	0	0	—	8.8	40	19	12
	62405	LUXOR											
	62414	ASWÂN	240	2	50	00	0	0	—	6.7	41	10	4
Oases	62417	SÎWA	00	0	35	00	0	0	—	17.0	37	53	26
	62420	BAHARÎYA	360	5	35	02	0	0	—	12.8	36	13	4
	62423	FARAFRA	40	4	35	02	0	0	—	14.2	36	13	4
	62432	DAKHLA	320	6	50	00	0	0	—	10.6	35	15	5
	62435	KHARGA	20	1	35	00	0	0	—	10.2	38	16	8
Red Sea	62450	SUEZ	00	0	35	02	0	0	—	11.4	35	15	5
	62459	TÛR	310	12	35	00	0	0	—	9.8	30	52	19
	62462	HURGHADA	360	12		00	0	0	—	9.6	27	79	23
	62465	QUSEIR	360	14	15	02	0	0	—	9.9	30	59	21
	62641	PORT SÛDÂN											
North Sûdân	62600	WÂDI HALFA	20	8	30	03	0	2	Ci	8.3	39	9	1
	62640	ABU HAMAD	70	9	30	01	1	1	ac	3.9	45	14	11
	62660	KAREIMA											
	62680	'ATBARA	110	9	30	02	0	1	ac	3.0	43	10	5
	62721	KHARTÛM	290	4	30	03	0	1	Ci	4.5	41	8	0
	62730	KASSALA	270	2	30	00	0	0	—	4.5	30	43	16
Central Sûdân	62751	WÂD MEDANI	270	5	35	00	0	0	—	4.8	39	20	12
	62801	RENK											
	62802	ROSEIRES	180	2	35	00	0	0	—		33	41	18
	62771	EL OBEID											
	62760	EL FÂSHER	130	5	30	00	0	0	—		36	15	6
	62770	GENEINA	360	2	30	01	1	3	Cu, Ci		35	20	9
S. Sûdân	62840	MALAKÂL											
	62880	WÂU											
	62941	JUBA											

At 1800 on Mon. 13th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms.
SALÛM	320	3	7	02	0	0	—	16.3	26	42	12	0
SIDI BARÂNI	290	4	36	02	0	0	—	17.2	23	88	21	0
MATRÛH	330	3	13	00	0	0	—	16.3	23	74	18	0
EL DABA	320	9		00	0	0	—		22	74	17	0
ALEXANDRIA	360	5	7	00	0	0	—	15.8	23	74	18	0
FOUAD (Airport)	360	10	13	02	0	0	—	15.1	23	83	20	0
DAMIETTA	320	2		02	0	0	—	14.3	25	74	20	0
PORT SAÏD	360	12	15	02	0	0	—	12.7	25	79	21	0
EL 'ARISH	360	2	35	02	0	0	—	14.7	23	88	21	0
DAMANHUR	40	9	15	02	0	0	—	15.5	25	61	17	0
MANSURA	360	5	3	00	0	0	—	15.4	26	55	16	0
TANTA	00	0	35	02	0	0	—	15.9	21	52	20	0
ZAGAZIG	40	5	3	00	0	0	—	13.4	27	62	19	0
ISMAÏLIA	360	5	15	02	0	0	—	13.8	27	55	17	0
FAROUK (Airport)												
ALMAZA												
EZBEKIYA	30	5	15	00	0	0	—	13.1	29	35	12	0
GIZA	30	5	15	00	0	0	—	13.6	30	30	11	0
HELWÂN	360	16	35	02	0	0	—	12.8	31	22	7	0
FAIYÛM	360	2	35	02	0	0	—	11.6	32	24	9	0
MINYA	360	10	10	00	0	0	—	10.6	28	33	10	0
ASYUT MANQABAD												
NAG' HAMMADI	00	0	3	00	0	0	—	8.4	28	45	15	0
QENA	240	9	50	00	0	0	—	9.1	33	28	12	0
LUXOR	00	0	12	00	0	0	—	8.7	33	19	6	0
ASWÂN	00	0	50	00	0	0	—	7.8	37	13	4	0
SÎWA	00	0	7	00	0	0	—	16.7	32	84	29	0
BAHARÎYA	360	2	15	02	0	0	—	13.3	30	21	5	0
FARAFRA	360	3	15	02	0	0	—	13.6	29	19	3	0
DAKHLA	320	5	35	00	0	0	—	11.1	31	17	3	0
KHARGA	00	0	15	00	0	0	—	10.8	31	22	7	0
SUEZ	360	6	15	02	0	0	—	11.8	29	40	14	0
TÛR	310	10	15	00	0	0	—	9.5	29	52	18	0
HURGHADA	330	12		00	0	0	—	9.3	27	70	21	0
QUSEIR	330	9	15	02	0	0	—	9.8	28	52	17	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 14th June,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	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
SALÛM	40	4	7	02	0	0	—	16.2		29	30		20		58	19	0		
SIDI BARÂNI	320	5		02	0	0	—	16.4		25	28		17		74	20	0	278	
MATRÛH	330	8	14	00	0	0	—	16.1		26	28		17		74	21	0		
EL DABA	320			00	0	0	—	15.2		25			20		70	19	0		
ALEXANDRIA	310	4	50	00	0	0	—	14.6	+1.8	23	27	-1	21	0	88	21	0	267	186
FOUAD (Airport)	310	7	13	02	0	0	—	14.2		25	28		21		79	21	0	265	138
DAMIETTA	290	2		02	0	0	—	13.4	+1.9	28	30		17		58	19	0	319	106
PORT SAÏD	350	5	18	02	0	0	—	13.2		26	29		24		66	19	0	72	
EL 'ARISH			35	02	0	0	—	13.4	+1.6	27	28		18	0	55	17	0		94
DAMANHUR	310	9	15	02	0	0	—	14.7	+2.6	27	34	+2	19	+1	62	19	0	102	101
MANSURA	360	5	35	00	0	0	—	13.9	+2.1	28	37	+3	20	+1	58	19	0	49	55
TANTA	00	0	35	02	0	0	—	15.5	+3.2	26	37	+3	15	-2	62	18	0	34	44
ZAGAZIG	320	5	7	00	0	0	—	14.2	+2.1	28	36	+2	18	0	58	19	0	21	27
ISMAÏLIA	180	2	7	02	0	0	—	13.4		28	36		21		58	19	0	14	
FAROUK (Airport)																			
ALMAZA	10	4	12	00	0	0	—	13.6	+1.7	24			19		69	18	0		
EZBEKIYA	30	5	15	00	0	0	—	13.8	+1.9	25	37	+2	21	+1	70	19	0	8	26
GIZA	30	5	15	00	0	0	—	13.8	+1.9	25	36	+1	19	+2	66	18	0	16	26
HELWÂN	360	12	7	02	0	0	—	12.7	+1.0	28	37	+2	20	0	33	10	0	16	29
FAIYÛM	360	8	35	02	0	0	—	13.3	+1.8	27	37	+1	20	+1	52	16	0	8	8
MINYA	10	16	10	00	0	0	—	12.0		25	38		19		58	16	0	5	
ASYUT MANQABAD	320	5	30	00	0	0	—	11.5		25			20		51	14	0	dr.	
NAG' HAMMADI	360	1	3	00	0	0	—	10.0	+0.9	27	39		18		42	13	0	0	
QENA	270	5	7	00	0	0	—	9.3	+0.5	27	42	+1	22	-1	37	11	0	dr.	
LUXOR	00	0	30	00	0	0	—	8.9		31	41		20		22	7	0	dr.	
ASWÂN	360	4	50	00	0	0	—	8.7	-0.2	31	42	+1	25	-1	38	15	0	2	
SÎWA	00	0	35	00	0	0	—	16.6	+3.1	27	38	+1	19	0	55	17	0	1	8
BAHARÎYA	360	3	35	02	0	0	—	14.3	+1.8	26	37		21	+2	42	12	0	dr.	7
FARAFRA	360	4	15	02	0	0	—	14.3		28	37		20		33	10	0	dr.	
DAKHLA	270	3	35	00	0	0	—	11.6		31	37	-2	22	0	22	7	0	dr.	
KHARGA	20	2	35	00	0	0	—	11.2	+1.6	30	38	-1	22	-1	31	11	0	0	
SUEZ	360	9	35	00	0	0	—	11.6	+0.6	29	36	+1	20	-1	40	14	0	12	17
TÛR	310	9	35	00	0	0	—	9.3	+0.7	25	33	0	21	-2	74	20	0	dr.	13
HURGHADA	340	16		00	0	0	—	9.7		27	29		24		58	18	0	7	
QUSEIR	360	13	15	02	0	0	—	9.1	+0.6	29	31	-2	24	-2	46	16	0	0	4
PORT SÛDÂN	130	7	30	01	2	7	Sc, As	5.6		34	41		26		53	23	0	35	97
WÂDI HALFA	260	7	4	00	0	9	As, Ci	8.1		30	45		27		14	0	0	14	
ABU HAMAD	150	5	30	01	0	1	Ci	5.8		34	45		28		59	18	0		
KAREIMA	50	6	30	00	0	0	—	6.2		34	45		28		11	-1	0	5	2
'ATBARA	110	5		00	0	0	—	5.2		33	45		28		23	9	0	8	7
KHARTÛM	110	5	50	02	0	0	—	5.3		31	43		21		41	16	0	13	11
KASSALA	200	9	30	01	1	2	ac	8.5		30	41		26		49	18	0	44	33
WÂD MEDANI	180	9	50	00	0	0	—	7.5		31	40		24		28	15	0	75	37
RENK																			123
ROSEIRES																	0	123	162
EL OBEID																	0	83	49
EL FÂSHER																	0	18	22
GENEINA	20	1	30	00	0	1	ac			26	37		22		51	15	0.2		46
MALAKÂL																	0	460	251
WÂU																	0	486	439
JUBA																	0	405	528

HUMIDITY % Mean of day

Station	on 13th	Diff. from normal
Alexandria	80	+8
Ezbekiya	54	0
Giza	49	-4
Helwân	21	-20

GIZA

GRASS MINIMUM TEMP. ON 14th 16.3 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

Pressure mbs.	Height above M.S.L. feet	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

On At AIRPORT

Pressure mbs.	Height above M.S.L. feet	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. feet	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. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 13th

Station	Matruh		Fouad A.P.		S. Darrani		P. Said		Aswan		Hurghada		Suwa		Bahariya		Dakhla				Kharga				Minya	
Time	15		15		14		15		14		16		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	330	14	360	23	350	9	350	18	350	7	340	31	60	5	10	19	360	10			340	22			350	23
600	340	13	10	17	360	11	360	15	340	11	330	8	60	7	360	19	350	10			340	26			360	23
1000	350	18	20	13	360	9	30	15	360	6	360	13	40	10	10	22	360	10			350	23			10	29
1500	20	19	20	16	10	8	20	20	350	9	290	8	10	8	30	10	360	14			350	7			20	25
2000	20	21	40	21	40	9	50	23	250	4	300	14	10	15	40	12	350	27							360	22
3000	60	23			70	13			260	16	290	15	60	14												
4000	30	3			50	3			270	17			80	10												
5000	210	3							230	11			70	12												
6000	80	5							180	32			130	4												
7000									160	23																
8000																										

UPPER WIND OBSERVATIONS on 14th

Station	Sidi Barani		Matrûh		Fouad Airport		Port Said		El 'Arish		Helwân		Minya		Asyut Manqabad		Luxor		Aswân		Hurghada		Suwa	
Time	9		3 30		4		4				6 15		3		3				9		3		3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	320	8	350	12	310	8	350	6			20	9	10	28	330	9			10	7	330	32	30	10
600	320	5	10	15	320	16	360	5			30	17	20	20	20	16			340	10	300	18	30	23
1000	340	5	10	10	340	20	10	5			40	33	30	16	10	17			340	10	270	16	40	34
1500	350	5	20	10	30	14	10	19			40	35	20	13	340	12			300	11	260	16	30	33
2000	20	3	30	15	10	20					40	26	10	10	220	5			290	17	240	20		
3000	70	3			30	23					50	13	20	16	240	7			290	6	210	22		
4000	70	4			40	25					50	15												
5000	320	8																						
6000	280	7																						
7000	260	8																						
8000	270	9																						

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abu Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	9		9		9		9																	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	60	4	10	16	350	28	350	23																
600	70	12	20	23	350	26	350	28																
1000	60	11	20	38	10	29	340	22																
1500	70	20			360	47	340	9																
2000							310	11																
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

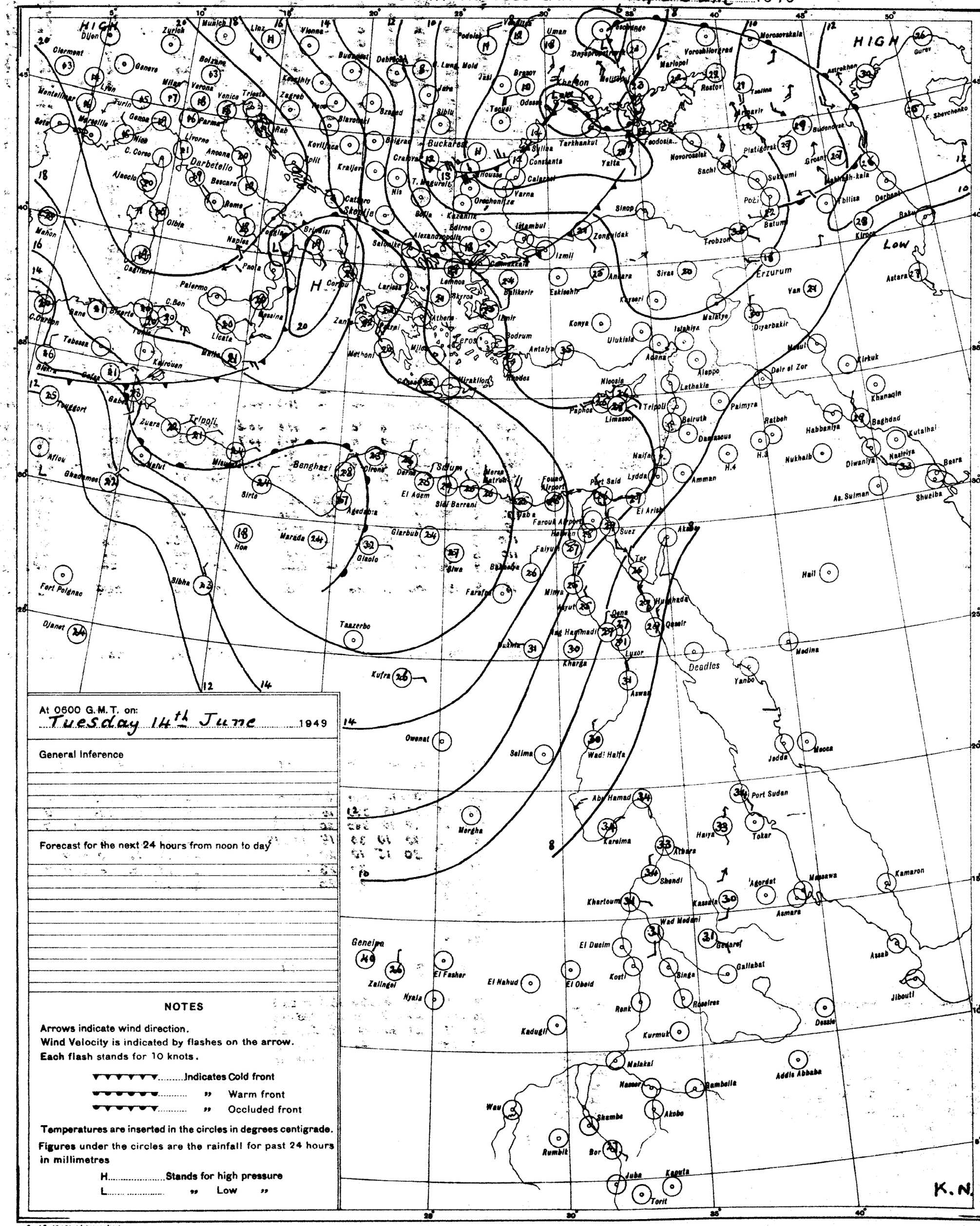
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 14th June 1949


HIGH
HIGH
LOW
Buckarest
Darbetello
Tripoli
Benghazi
Khartoum
Deadles
Erzurum
Tbilisa
Tarkhankut
Yalta
Theodosia
Novorossiek
Sinop
Trobzon
Batum
Kirovo
Astara
Van
Diyarbakir
Mosul
Kirkuk
Khanaqin
Baghdad
Kutalhai
Basra
Shuaiba
As. Sulman
Nasiriya
Diwaniya
Nukhaib
Habbaniya
Ratbeh
H.3
H.4
Amman
Lydda
Port Said
Suez
El Arish
Akaba
Hail
Medina
Mecca
Jadda
Yanbo
Port Sudan
Tokar
Kamaron
Massawa
Asmara
Agordat
Kassala
Gedaref
Gallabat
Assab
Jibouti
Addis Abbaba
Dessie
Gondar
Roseires
Singa
Kosti
Rank
Kurmuk
Malakal
Nasser
Gambella
Akobo
Wau
Shambe
Bor
Rumbik
Juba
Kapoeta
Torit
Kareima
Atbara
Shendi
Wad Medani
El Ducim
El Obeid
El Nahud
El Fasher
Geneina
Zalingei
Nyala
Kadugli
Owenat
Kufra
Taazerbo
Marada
Hon
Sirte
Agedabia
Giarbub
Giaolo
Siwa
Bilma
Fort Polignac
Djanet
Tripoli
Zuara
Nalut
Ghadames
Aflou
Tougourt
Tebessa
Kairouan
Gabes
Sfax
Tunis
Bizerte
Bone
C. Bon
C. Carbon
Palermo
Messina
Licata
Malta
Cagliari
Olbia
Mahon
Ajaccio
C. Corso
Nice
Marseille
Montelimar
Lyon
Dijon
Clermont
Geneve
Zurich
Munich
Linz
Vienna
Budapest
Debrecen
Lwow
Mold
Jassy
Podolsk
Uman
Dnyeprodzerzinsk
Voroshilovgrad
Marlopol
Rostov
Taganrog
Odessa
Braiov
Tecuci
Sibiu
Constanta
Calarasi
Varna
Orechovitza
Sofia
Kazanlik
Edirne
Istambul
Izmil
Zongouldak
Ankara
Eskisehir
Kayseri
Konya
Ulukisla
Adana
Alappo
Lathakia
Palmyra
Beiruth
Damascus
Haifa
Tripoli
Nicosia
Limassol
Paphos
Antalya
Bodrum
Izmir
Athens
Lemnos
Salonika
Alexandropolis
Skopje
Belgrad
Kragujevac
Nis
Split
Zagreb
Kevljuca
Bjelovar
Rab
Trieste
Venice
Verona
Milan
Parma
Livorno
Genoa
Turin
Ancona
Bescara
Rome
Naples
Paola
Brindisi
Corfu
Larissa
Methoni
Kalamata
Kyros
Rhodes
Kiraklion
Mersa Matruh
Fouad Airport
Farouk Airport
Hadetin
Faiyum
Minya
Asyut
Qena
Nag Hammadi
Luxor
Kharga
Aswan
Wadi Halfa
Abu Hamad
Merghe
Selima
Faraffra
Bilma
Gabes
Sfax
Tunis
Bizerte
Bone
Tebessa
Kairouan
Malta
Cagliari
Olbia
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Linz
Vienna
Budapest
Debrecen
Lwow
Mold
Jassy
Podolsk
Uman
Dnyeprodzerzinsk
Voroshilovgrad
Marlopol
Rostov
Taganrog
Odessa
Braiov
Tecuci
Sibiu
Constanta
Calarasi
Varna
Orechovitza
Sofia
Kazanlik
Edirne
Istambul
Izmil
Zongouldak
Ankara
Eskisehir
Kayseri
Konya
Ulukisla
Adana
Alappo
Lathakia
Palmyra
Beiruth
Damascus
Haifa
Tripoli
Nicosia
Limassol
Paphos
Antalya
Bodrum
Izmir
Athens
Lemnos
Salonika
Alexandropolis
Skopje
Belgrad
Kragujevac
Nis
Split
Zagreb
Kevljuca
Bjelovar
Rab
Trieste
Venice
Verona
Milan
Parma
Livorno
Genoa
Turin
Ancona
Bescara
Rome
Naples
Paola
Brindisi
Corfu
Larissa
Methoni
Kalamata
Kyros
Rhodes
Kiraklion
Mersa Matruh
Fouad Airport
Farouk Airport
Hadetin
Faiyum
Minya
Asyut
Qena
Nag Hammadi
Luxor
Kharga
Aswan
Wadi Halfa
Abu Hamad
Merghe
Selima
Faraffra
Bilma
Owenat
Kufra
Taazerbo
Marada
Hon
Sirte
Agedabia
Giarbub
Giaolo
Siwa
Bilma
Fort Polignac
Djanet
Tripoli
Zuara
Nalut
Ghadames
Aflou
Tougourt
Tebessa
Kairouan
Gabes
Sfax
Tunis
Bizerte
Bone
C. Bon
C. Carbon
Palermo
Messina
Licata

CAIRO

Time of Sunrise 42 53 G. M. T.

" " Sunset 16 57 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: Wednesday 15th June, 1949

At 1200 on Tues. 14th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM	360	17	7	02	0	0	—	15.6	28	40	13
	62303	SÎDI BARÂNI											
	62306	MATRÛH	360	10	18	00	0	0	—	15.6	28	42	14
	62309	EL DABA	320			00	0	0	—		27	62	19
		ALEXANDRIA	360	9	50	00	0	0	—	14.0	27	70	21
	62318	FOUAD (Airport)	340	13	14	02	0	0	—	13.9	26	58	19
	62330	DAMIETTA	340	5	15	02	0	0	—	12.7	29	59	20
	62333	PORT SA'ID	360	15	30	02	0	0	—	12.0	27	66	20
	62336	EL 'ARISH	320	13	35	02	0	0	—	11.6	28	70	22
Lower Egypt	62339	DAMANHUR	40	9	15	02	0	0	—	16.6	34	29	13
	62342	MANSURA	360	5	35	00	0	0	—	12.3	36	20	10
	62348	TANTA	360	13	35	02	0	0	—	14.6	36	25	13
	62354	ZAGAZIG	40	5	15	00	0	0	—	13.1	38	19	11
	62441	ISMAÎLIA	360	9	35	02	0	0	—	11.0	36	20	10
Cairo Area	62366	FAROUK (Airport)											
	62372	ALMÂZA											
		EZBEKÎYA	30	4	35	00	0	0	—	11.2	37	22	12
		GÎZA	30	4	35	00	0	0	—	11.8	37	19	10
	62378	HELWÂN	340	14	15	06	0	0	—	10.7	37	14	6
Upper Egypt	62381	FAIYÛM	360	8	35	02	0	0	—	10.6	37	14	6
	62387	MINYA	20	10	12	00	0	0	—	9.4	38	16	8
	62393	ASYÛT MANQABÂD	290	10	30	00	0	0	—	8.2	38	18	10
	62399	NAG' HAMMÂDI	320	5	7	00	0	0	—	7.4	38	16	8
	62402	QENA	270	5	50	00	0	0	—	6.6	43	20	15
	62405	LUXOR											
	62414	ASWÂN	20	9	50	00	0	0	—	6.2	42	12	7
Oases	62417	SÎWA	00	0	35	00	0	0	—	15.5	38	31	18
	62420	BAHARÎYA	360	3	35	02	0	0	—	11.9	37	16	9
	62423	FARAFRA	360	11	35	02	0	0	—	13.0	37	22	12
	62432	DAKHLA	320	6	50	00	0	0	—	9.4	37	14	6
	62435	KHARGA	360	1	36	00	0	0	—	9.3	38	16	6
Red Sea	62450	SUEZ	260	14	35	02	0	0	—	9.8	35	29	14
	62459	TÛR	310	9	35	00	0	0	—	7.4	30	59	21
	62462	HURGHÂDA	360	13		00	0	0	—	7.7	28	70	22
	62465	QUSEIR	40	13	15	02	0	0	—	8.7	30	66	23
	62641	PORT SÛDÂN	40	12	30	01	2	2	cs	4.3	35	56	25
North Sûdân	62600	WÂDI HALFA	360	13	30	00	0	0	—	5.9	43	7	0
	62640	ABU HAMAD	50	9	30	03	1	3		2.4	45	16	13
	62660	KAREIMA	50	10	10	00	0	2	ci	1.8	45	4	-6
	62680	'ATBARA	110	9	30	03	0	1	ci	1.2	45	4	-7
	62721	KHARTÛM	50	12	30	02	0	4	ac.	1.5	43	7	0
	62730	KASSALA	90	2	30	00	0	0	—	1.8	42	24	17
Central Sûdân	62751	WÂD MEDANI	270	5	35	00	0	0	—	2.0	41	18	12
	62801	RENK	230	5	50	00	0	0	—	6.8	35	44	21
	62802	ROSEIRES	270	5	35	00	0	0	—		37	27	15
	62771	EL OBEID	270	3	30	01	1	0	—	4.3	39	13	6
	62760	EL FÂSHER	300	2	30	00	0	2	Ac		38	11	2
	62770	GENEINA	230	3	30	01	0	6	Cu		35	20	9
S. Sûdân	62840	MALAKÂL											
	62880	WÂU	00	0	30	00	0	0	—	7.2	33	44	19
	62941	JUBA	340	2	30	02	1	3	Cu, ac	7.2	33	53	22

At 1800 on Tues. 14th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
SALUM	20	3	7	02	0	0	—	16.0	24	69	18	0
SÎDI BARÂNI	220	4	7	02	0	0	—	16.4	23	88	21	0
MATRÛH	340	5	13	00	0	0	—	15.5	23	83	20	0
EL DABA	320			00	0	0	—	15.2	24	74	19	0
ALEXANDRIA	360	5	7	00	0	0	—	14.4	24	83	21	0
FOUAD (Airport)	340	3	12	02	0	0	—	13.3	23	83	20	0
DAMIETTA	340	5		02	0	0	—	12.4	25	74	20	0
PORT SA'ID	360	18	15	02	0	0		11.9	26	70	20	0
EL 'ARISH	360	3	7	02	0	0	—	13.6	23	83	20	0
DAMANHUR	40	5	15	02	0	0	—	12.4	25	61	17	0
MANSURA	360	5	3	00	0	0	—	12.1	27	37	11	0
TANTA	360	3	35	02	0	0	—		30	52	19	0
ZAGAZIG	320	5	3	00	0	0	—	12.8	27	52	16	0
ISMAÎLIA	360	5	15	02	0	0	—	11.9	27	55	17	0
FAROUK (Airport)												
ALMÂZA	30	12	7	00	0	0	—	12.1	30	38	14	0
EZBEKÎYA	360	1	15	00	0	0	—	12.3	28	40	13	0
GÎZA	360	1	15	00	0	0	—	12.4	29	34	12	0
HELWÂN	360	16	7	06	0	0	—	11.6	30	25	8	0
FAIYÛM	360	5	35	02	0	0	—	10.6	32	24	9	0
MINYA	10	11	10	00	0	0	—	9.1	31	28	10	0
ASYÛT MANQABÂD	00	0	3	00	0	0	—	7.0	27	37	11	0
NAG' HAMMÂDI	240	9	7	00	0	0	—	6.8	32	24	9	0
QENA	250	6	12	00	0	0	—	6.4	34	6	-8	0
LUXOR	00	0	50	00	0	0		6.4	39	11	3	0
ASWÂN												
SÎWA	00	0	7	00	0	0	—	13.6	34	56	24	0
BAHARÎYA	360	5	15	02	0	0	—	12.0	32	24	9	0
FARAFRA	360	3	15	02	0	0	—	11.4	31	31	12	0
DAKHLA	320	5	25	00	0	0	—	9.9	32	20	6	0
KHARGA	00	0	15	00	0	0	—	9.0	32	20	6	0
SUEZ	00	0	15	00	0	0	—	6.9	29	46	16	0
TÛR	310	7	15	00	0	0	—	7.6	29	59	20	0
HURGHÂDA	290	6		00	0	0	—	7.0	28	58	19	0
QUSEIR	310	9	15	02	0	0	—	7.8	30	46	17	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Wednesday 15th June

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Temp. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	320	6	7	00	0	1	—	16.3		24	29		18		61	16	0		
SÎDI BARÂNI	340	9	50	03	0	8	Cu, Cs	16.2		23	27		20		83	20	0	278	
MATRÛH	340	11	17	02	1	3	Cu	15.4		24	29		24		74	19	0		
EL DABA	320			00	0	0	—	15.4		24			20		69	18	0		
ALEXANDRIA	360	9	50	00	0	0	—	14.0	+1.3	24	28	0	22	+1	74	19	0	267	186
FOUAD (Airport)	360	10	15	02	0	0	—	13.5		24	30		21		79	20	0	265	138
DAMIETTA	360	2	7	02	0	0	—	13.3	+1.9	25	30		18		74	20	0	319	106
PORT SA'ID	340	4	15	02	0	0	—	13.0		26	28		23		70	20	0	72	
EL 'ARISH	270	2	35	02	0	0	—	12.7	+1.1	28	30	+1	20	+2	62	20	0		94
DAMANHUR	310	9	15	02	0	0	—	13.6	+1.6	26	35	+3	20	+2	70	20	0	102	101
MANSURA	320	5	35	00	0	0	—	13.5	+1.7	26	37	+3	18	-1	70	20	0	49	55
TANTA	00	0	35	02	0	0	—	14.2	+2.0	25	37	+3	16	-2	70	19	0	34	44
ZAGAZIG	320	5	7	00	0	0	—	13.5	+1.5	27	34	+5	18	0	70	21	0	21	27
ISMAÎLIA	290	2	7	02	0	0	—	13.1		27	37		21		62	19	0	14	
FAROUK (Airport)																			
ALMÂZA											38								
EZBEKÎYA	360	9	15	00	0	0	—	13.2	+1.4	27	37	+2	21	+1	62	19	0	8	26
GÎZA	360	9	15	00	0	0	—	13.4	+1.6	26	38	+3	19	+1	63	18	0	16	26
HELWÂN	320	11	15	02	0	0	—	12.8	+1.2	25	28	+3	20	0	61	17	0	16	29
FAIYÛM	360	5	35	02	0	0	—	12.6	+1.1	27	38	+2	21	+1	52	16	0	8	8
MINYA	20	17	16	00	0	0	—	11.8		26	39		20		48	14	0	5	
ASYÛT MANQABÂD	300	5	30	00	0	0	—	11.1		26			22		42	12	0	dr.	
NAG' HAMMÂDI	320	3	3	00	0	0	—	8.8	-0.2	29	34		21		40	14	0	0	
QENA	290	5	35	00	0	0	—	9.6	+0.8	29	44	+3	23	0	35	12	0	dr.	
LUXOR											42							dr.	
ASWÂN	20	5	50	00	0	0	—	8.3	-0.5	32	45	+4	25	-1	29	12	0	2	
SÎWA	00	0	35	00	0	0	—	16.7	+3.2	28	41	+3	21	+2	94	27	0	1	6
BAHARÎYA	360	4	35	02	0	0	—	13.9	+1.5	26	38	+2	21	+2	42	12	0	dr.	7
FARAFRA	360	8	15	02	0	0	—	13.0		28	38		20		40	13	0	dr.	
DAKHLA	320	6	35	00	0	0	—	11.0	0.0	31	38	-2	25	+3	22	7	0	dr.	
KHARGA	360	6	35	00	0	0	—	9.8	+0.2	31	39	0	26	+3	28	10	0	0	
SUEZ	360	4	35	00	0	0	—	11.2	+0.3	28	38	+3	21	0	45	15	0	12	17
TÛR	310	8	35	00	0	0	—	8.8	+0.3	27	33	0	24	+1	70	21	0	dr.	13
HURGHADA	330	18		00	0	0	—	8.3		28	30		23		52	17	0	7	
QUSEIR	360	9	15	02	0	0	—	7.9	-0.5	30	32	-1	25	-1	52	19	0	0	4
PORT SÛDÂN	140	1	30	01	1	6	ac	5.3		33	37		24		56	23	0	35	97
WÂDI HALFA	360	5	30	00	0	0	—	8.5		31	44		25		17	3	0	14	
ABU HAMAD	70	5	30	00	0	0	—	5.1		35	46		29		23	11	0		
KAREIMA	20	9	30	01	1	3	Ac	5.1		34	46		29		29	13	0	5	2
'ATBARA	70	5	30	03	0	1	Ac	5.1		35	45		28		11	0	0	8	7
KHARTÛM	200	8	30	02	0	0	—	4.7		33	44		27		17	5	0	13	11
KASSALA	180	9	30	00	0	0	—	7.0		31	43		25		49	19	0	44	34
WÂD MEDANI	130	9	35	02	1	4	Ci			28	42		23		40	13	0	75	38
RENK																			125
ROSEIRES	180	19	15	02	2	6	As	9.2		26	37		26		70	20	0	123	166
EL OBEID	230	17	30	01	1	2	Ac	6.0		30	40		25		43	16	0	83	50
EL FÂSHER	360	5	30	00	0	0	—			29	40		23		35	12	0	18	22
GENEINA	210	9	30	01	0	5	Ci			27	37		21		42	13	0		48
MALAKÂL	180	5	30	03	2	6	Ac, Ci	9.2		26	33		24		79	22	0	460	255
WÂU	100	3	30	00	0	0	—	8.0		26	35		23		79	22	0	486	445
JUBA	180	2	30	02	1	6	Sc, Ac	11.9		23	33		21		88	21	4	409	534

HUMIDITY % Mean of day

Station	on 14th	Diff. from normal
Alexandria	85	+13
Ezbekiya	52	-2
Gîza	47	-6
Helwân	25	-16

GÎZA GRASS MINIMUM TEMP. ON 15th 17.3 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. feet	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — On ..... At ..... AIRPORT

Pressure mbs.	Height above M.S.L. feet	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. feet	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. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 14th

Station	S. Barrani		Matruh		Aswan		P. Said		Suwa		Minya		Bahariya		Fouad A.P.		Dakhla				Kharga				Hurghada	
Time	14		14	45	14		14		14		15		14		15		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	340	10	340	21	20	18	360	31	50	7	350	29	20	38	350	20	360	24			340	20			340	31
600	330	11	330	24	20	8	360	23	40	8	360	40	20	56	360	14	360	22			350	17			320	16
1000	330	11	330	20	10	21	10	24	40	6	10	28	20	36	360	13	360	40			340	16			320	12
1500	340	10	350	20	350	16	20	19	40	10	30	29			20	18					350	16			310	15
2000	320	6	350	20	300	18	30	21	50	13	70	13			30	26					310	16			310	22
3000			340	12	280	16	40	7	50	12					40	10									260	9
4000			40	5	260	21			70	12					350	11										
5000			320	5											220	5										
6000			320	14											200	18										
7000															230	29										
8000																										

UPPER WIND OBSERVATIONS on 15th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Saïd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada			
Time			3	30	3		4				6	30	3	45					9		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			310	15	350	17	340	9			360	10	70						360	9	320	22		
600			360	14	340	19	10	22			30	16	80						340	18	320	38		
1000			340	13	330	16	360	16			360	16	90						360	8	350	30		
1500			310	22	310	16	350	18			10	36	90						280	13	260	9		
2000			290	21	310	13	350	24			10	19							270	16	300	11		
3000			300	16							20	24							260	23				
4000																			270	19				
5000																			260	26				
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	9		9		9		9		2								4						4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	90	7	20	27	350	14	10	20	10	17														
600	90	6	20	50	350	19	360	20	10	23							180	13					210	13
1000	80	6			350	27	360	16	10	21							210	17					110	6
1500	340	8			350	39	20	24	20	15							210	29					190	10
2000	290	17					20	22									240	9						
3000	310	35							340	15							290	13					70	12
4000	320	23							280	8							300	14						
5000	340	17																						
6000	330	16							210	15														
7000	320	13																						
8000																								

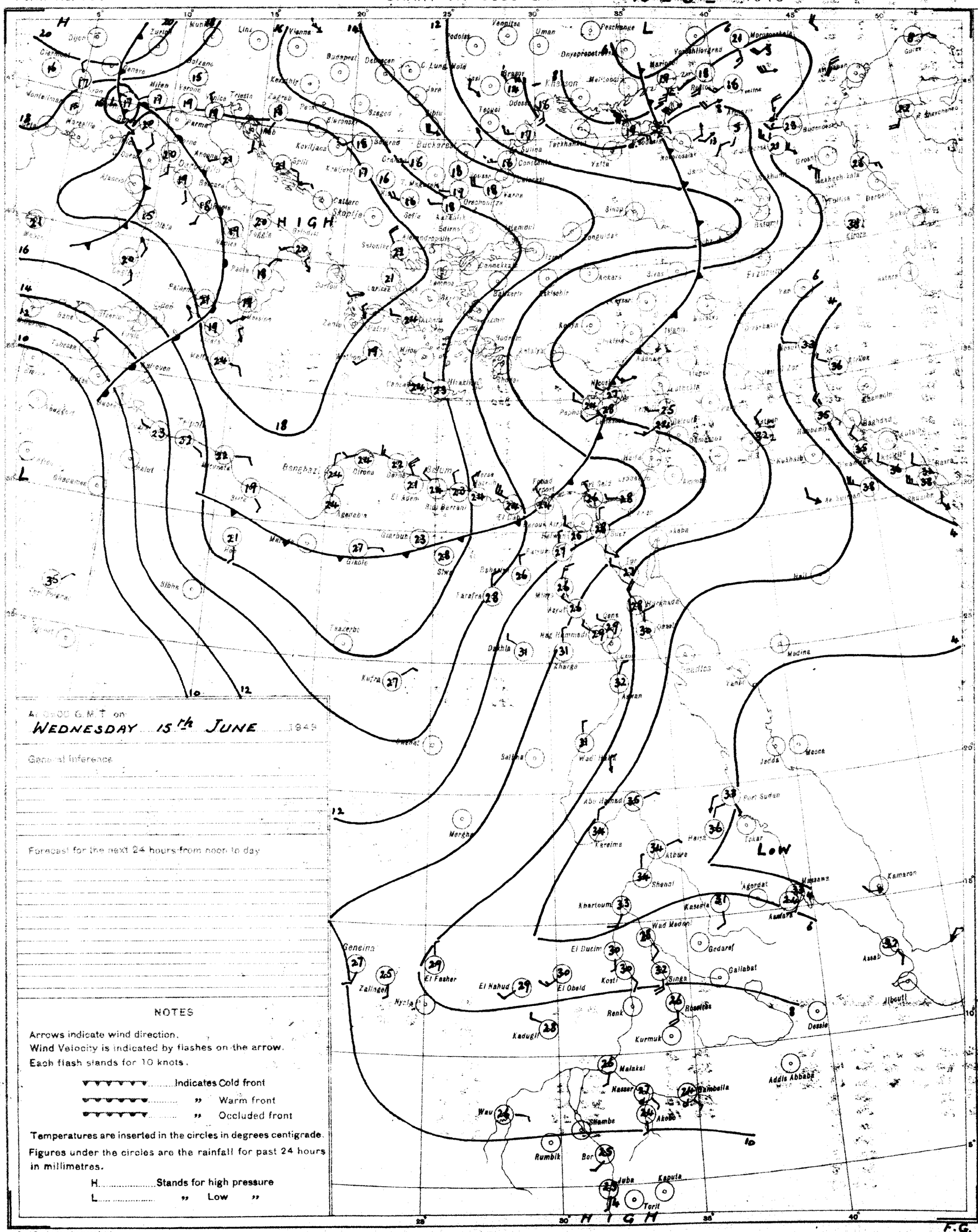
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 15 – 6 – 1949


HIGH
LOW
HIGH
Khartoum
Port Sudan
Geneina
Kassala
Gedaref
Gallabat
Singa
Renk
Kurmuk
Malakal
Nasser
Addis Abbaba
Dessie
Asmara
Massawa
Kamaron
Assab
Djibouti
Wau
Rumbik
Juba
Kapoita
Torit
Zalingei
El Fasher
El Obeid
El Nahud
Kadugli
Nyala
Kosti
Roseires
Akobo
Shambe
Bor
Tokar
Atbara
Shendi
Wad Medani
El Ducim
Merowe
Wadi Halfa
Abu Hamad
Tareima
Merga
Dongola
Berber
Kufra
Dakhla
Kharga
Asyut
Sallum
Benghazi
Tripoli
Malta
Cairo
Alexandria
Jedda
Massaua
Medina
Khartoum
Port Sudan
Tokar
Kamaron
Massawa
Asmara
Assab
Djibouti
Dessie
Addis Abbaba
Gallabat
Gedaref
Kassala
Agordat
Geneina
Zalingei
Nyala
El Fasher
El Nahud
El Obeid
Kadugli
Kosti
Renk
Roseires
Kurmuk
Malakal
Nasser
Gambella
Akobo
Shambe
Wau
Rumbik
Bor
Juba
Kapoita
Torit
Dongola
Berber
Wadi Halfa
Merowe
Abu Hamad
Tareima
Atbara
Shendi
Wad Medani
El Ducim
Merga

CAIRO

Time of Sunrise 0.2 5.3 G. M. T.

" " Sunset 16 5.7 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: THURSDAY 16TH JUNE, 1949

At 1200 on Wed 15th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	360	8	7	02	0	3		16.0	24	69	18
	62303	SÎDI BARÂNI	320	9	50	01	1	0	-	16.1	24	83	21
	62306	MATRÛH	10	10	18	00	0	0	-	16.1	26	55	16
	62309	EL DABA	320			00	0	0	-		25	47	13
		ALEXANDRIA	330	10	50	00	0	0	-	13.9	26	70	20
	62318	FOUAD (Airport)	350	14	13	02	0	0	-	13.9	26	70	20
	62330	DAMIETTA	320	2	15	02	0	0	-	12.9	27	62	19
	62333	PORT SA'ID	360	13	30	02	0	0	-	12.4	26	70	20
	62336	EL 'ARISH	320	19	35	02	0	0	-	12.3	27	79	23
Lower Egypt	62339	DAMANHUR	310	13	15	02	0	0	-	13.4	31	38	15
	62342	MANSURA	360	9	35	00	0	0	-	12.3	34	32	15
	62348	TANTA	360	13	35	02	0	0	-	12.8	34	36	17
	62354	ZAGAZIG	320	5	15	00	0	0	-	11.6	37	35	19
	62441	ISMA'ILIA	360	5	35	02	0	0	-	11.0	35	23	11
Cairo Area	62366	FAROUK (Airport)											
	62372	ALMAZA											
		EZBEKIYA	360	6	35	00	0	0	-	10.7	35	29	14
		GIZA	360	6	35	00	0	0	-	11.5	35	26	12
	62378	HELWÂN	320	13	15	02	0	0	-	10.7	36	17	7
Upper Egypt	62381	FAIYÛM	360	5	35	02	0	0		10.7	37	18	9
	62387	MINYA	10	18	12	00	0	0	-	9.4	38	19	11
	62393	ASYÛT MANQABÂD	360	15	30	00	0	0	-	7.9	40	10	2
	62399	NAG' HAMMÂDI	320	3	7	00	0	0	-	6.7	39	17	10
	62402	QENA	270	5	50	00	0	0	-	6.3	42	18	13
	62405	LUXOR											
	62414	ASWÂN	360	10	50	00	0	0	-	6.3	42	9	3
Oases	62417	SÎWA	00	0	35	00	0	0	-	14.5	38		
	62420	BAHARÎYA	360	5	35	02	0	0	-	11.6	37	14	6
	62423	FARAFRA	360	6	15	02	0	0	-	12.4	38	14	6
	62432	DAKHLA	320	6	50	00	0	0	-	9.1	38	13	5
	62435	KHARGA	360	5	35	00	0	0	-	8.3	39	14	7
Red Sea	62450	SUEZ	20	12	35	02	0	0	-	9.4	36	25	13
	62459	TÛR	310	10	35	00	0	0	-	8.1	29	66	22
	62462	HURGHADA	20	11		00	0	0	-	7.0	28	74	23
	62465	QUSEIR	40	9	15	02	0	0	-	7.4	31	59	22
	62641	PORT SUDAN	70	7									26
North Sudan	62600	WÂDI HALFA	20	12		0	0	0	-	4.8	42	8	1
	62640	ABU HAMAD	70	5	30	02	0	2	Ac	1.4	45	18	15
	62660	KAREIMA	70	9	10	00	1	0	-	1.6	45	5	-2
	62680	'ATBARA	10		30	00	0	1	Ac	1.2	44	6	-2
	62721	KHARTÛM	110	9	30	00	0	0	-	1.2	43	13	9
	62780	KASSALA	180	2				0	-				17
Central Sudan	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID											
	62760	EL FÂSHER											
	62770	GENEINA											
S. Sudan	62640	MALAKÂL											
	62880	WÂU											
	62941	JUBA											

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.
SALÛM	320	4	7	02	0	0	-	16.2	23	74	18	10
SÎDI BARÂNI	340	5	35	02	0	0	-	15.8	21	88	19	0
MATRÛH	300	9			0	0	-	15.[illegible]	25	58	16	0
EL DABA	320	10		00	0	0	-		23	65	16	0
ALEXANDRIA	360	5	7	01	1	0	-	14.4	23	74	18	0
FOUAD (Airport)	360	11	14	02	0	0	-	13.5	22	74	17	0
DAMIETTA	320	5		02	0	0	-	13.1	24	74	19	0
PORT SA'ID												
EL 'ARISH	320		7	02	0	0	-	14.4	24	94	23	0
DAMANHUR	310	9	15	02	0	0	-	13.6	24	74	19	0
MANSURA	360	5		00	0	0	-	13.5	24	81	16	0
TANTA	360	5	35	02	0	0	-	13.9	27	55	17	0
ZAGAZIG	320	5		00	0	0	-	13.1	26	48	14	0
ISMA'ILIA	360	9	15	02	0	0	-	12.3	25	58	16	0
FAROUK (Airport)												
ALMAZA	350	15	12	00	0	0	-	12.3	28	49	16	
EZBEKIYA	360	7	15	00	0	0	-	12.8	27	44	12	0
GIZA	360	7	15	00	0	0	-	12.6	28	38	12	0
HELWÂN	360	19	15	02	0	0	-	11.9	28	40	13	0
FAIYÛM	360	5	35	02	0	0	-	11.6	31	31	12	0
MINYA	10	11	10	00	0	0	-	8.9	29	35	12	0
ASYÛT MANQABÂD												
NAG' HAMMÂDI	00	0	3	00	0	0	-	5.5	30	40	15	0
QENA	220	2	7	00	0	0	-	6.2	35	23	11	0
LUXOR	00	0	12	00	0	0	-	6.1	36	14	5	0
ASWÂN	00	0	18	00	0	0	-	5.9	38	11	3	0
SÎWA	00	0	35	00	0	0	-	14.3	34	63	24	0
BAHARÎYA	360	3	15	02	0	0	-	11.8	32	24	9	0
FARAFRA	340	3	15	02	0	0	-	11.4	31	31	12	0
DAKHLA	320	6	35	00	0	0	-	9.4	34	13	2	0
KHARGA	20	1	15	00	0	0	-	7.9	37	16	5	0
SUEZ	360	15	15	02	0	0	-	10.6	28	41	13	0
TÛR	310	7	15	00	0	0	-	6.7	31	52	20	0
HURGHADA	320	23		00	0	0	-	5.6	31	46	18	0
QUSEIR	330	9	15	02	0	0	-	6.4	29	70	23	0
PORT SUDAN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on THURSDAY 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.	Diff. from normal mbs.	Temp. Dry Bulb	Max. Yesterday	Max. Diff. from normal	Min. Today	Min. Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	320	3	7	02	0	1	Ac	14.6		24	25		16		69	18	0		
SÎDI BARÂNI	320	4	50	02	0	0	-	15.1		22	24		17		88	20	0	278	
MATRÛH	340	1	15	00	0	0	-	14.3		22			16		74	17	0		
EL DABA	00			00	0	0	-	13.9		23			17		65	16	0		
ALEXANDRIA	360	9	50	01	2	0	-	13.4	+0.8	23	27	-1	21	0	65	16	0	267	186
FOUAD (Airport)	340	12	18	02	0	0	-	12.7		24	27		20		61	16	0	265	138
DAMIETTA	280	5	7	03	1	3	Fsc	12.7	+1.4	24	28		17		69	18	0	319	106
PORT SA'ID	240	6	18	03	1	6	Sc	12.3		24			22		65	17	0	72	
EL 'ARISH	320	2	35	03	2	7	Cu	12.8	+1.4	25	28	-1	19	+1	74	20	0		94
DAMANHUR	40	9	15	02	0	0	-	13.6	+1.8	25	32	0	17	-1	54	15	0	102	101
MANSURA	20	9	35	00	0	0	-	13.0	+1.3	25	35	+1	18	-1	54	15	0	49	55
TANTA	360	5	35	02	0	0	-	13.1	+0.9	25	35	+1	14	-4	61	17	0	34	44
ZAGAZIG	320	5	7	00	0	0	-	13.0	+1.2	26	37	+3	18	-	55	16	0	21	27
ISMA'ILIA	360	3	7	01	1	3	Sc	12.3		25	36		20		61	17	0	14	
FAROUK (Airport)	360	10	18	01	0	1	Cu	12.2		22			18		74	17	0		
ALMAZA	30	9	12	03	0	2	Cu	12.5	+0.8	23	36		19		69	17	0		
EZBEKIYA	40	7	15	01	0	1	Cu	12.3	+0.6	25	36	+1	19	-1	61	17	0	8	26
GIZA	40	9	15	01	0	1	Cu	13.0	+1.3	24	36	+1	18	0	61	16	0	16	27
HELWÂN	360	13	15	00	0	0	-	12.6	+1.2	22	37	+2	19	-1	65	15	0	16	29
FAIYÛM	360	5	35	02	0	0	-	12.6	+1.2	24	38	+2	19	-1	54	14	0	8	8
MINYA	30	16	10	00	0	0	-	11.7		24	39		19		57	15	0	5	
ASYÛT MANQABÂD	320	5	30	00	0	0	-	10.9		24			21		54	14	0	dr	
NAG' HAMMÂDI	320	2	3	00	0	0	-	8.8	-0.1	29	40		21		46	16	0	0	
QENA	240	9	35	00	0	0	-	7.6	-1.0	29	43	+2	25	+2	40	14	0	dr	
LUXOR	360	6	50	00	0	0	-	7.8	-0.9	31	42		25	-1	38	15	0	dr	
ASWÂN	360	6	50	00	0	0	-	7.8	-0.9	31	44	+2	25	-1	38	15	0	2	
SÎWA	00	0	35	00	0	0	-			25	39	+1	18	-1	61	17	0	1	8
BAHARÎYA	360	4	35	02	0	0	-	13.8	+1.5	23	38	+2	19	0	61	15	0	dr	7
FARAFRA	360	1	35	02	0	0	-	13.0		27	39		21		42	13		dr	
DAKHLA	320	10	35	00	0	0	-	10.6	-0.4	29	40	0	24	+2	23	6	0	dr	
KHARGA	20	4	35	00	0	0	-	10.2	+0.7	30	40	+1	27	+4	35	13	0	0	
SUEZ	360	4	35	00	0	1	Cu	11.1	+0.3	25	37	+2	20	-1	61	17	0	12	17
TÛR	310	8	35	00	0	0	-	8.5	+0.1	25	32	-1	24	+1	74	20	0	dr	13
HURGHADA	340	21		00	0	0	-	8.1		26	31		25		58	17	0	7	
QUSEIR	360	13	15	02	0	0	-	7.4	-0.9	29	34	+1	26	0	59	20	0	0	4
PORT SUDAN																	0	35	97
WÂDI HALFA	30	7	30	00	0	0	-	7.4		31	44				19	5	0	14	
ABU HAMAD	360	9	30	00	0	0	-	4.0		35	47		29		23	11	0		
KAREIMA	20	11	30	03	2	8	Cu	4.8			46		28			-3	0	5	2
'ATBARA			30	00	0	0	-	4.1		38	45		28		6	-7	0	8	8
KHARTÛM	200	13	10	05	1	0	-	5.7		34	43		28		36	17	0	13	11
KASSALA	260	9	30	00	0	0	-	7.9		31	42		27		49	19	0	44	35
WÂD MEDANI	230	5	50	00	0	0	-	8.6		29	42		21		62	21	5	80	40
RENK	230	5	50	00	0	0	-	8.4		30	35		22		57	21	0		128
ROSEIRES	130	2	50	00	0	0	-			28	37		24		52	17	0	12[illegible]	170
EL OBEID	220	17	30	02	2	7	Ac	7.0		28	40		26		55	18	0	83	52
EL FÂSHER																	0	18	23
GENEINA																			50
MALAKÂL	110	3	30	02	2	7	Ac	10.9		24	31		22		84	21	dr	460	259
WÂU	00	0	30	01	1	6	Ac	9.3		23	36		22		88	21	9	495	451
JUBA	360	1	30	00	2	8		11.2		25	34		21		79	21	0	409	539

HUMIDITY % Mean of day

Station	on 15th	Diff. from normal
Alexandria	75	+3
Ezbekiya	58	-2
Giza	47	-6
Helwân	48	+7

GÎZA GRASS MINIMUM TEMP. ON 16th 15.7 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. feet	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — On ..... At ..... AIRPORT

Pressure mbs.	Height above M.S.L. feet	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. feet	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. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 15th

Station	Dakhla		Baharîya		Kharga		Siwa		Aswan		Minya		S. Barrani		Matruh				Port Said		Hurghada		Fouad A.P.	
Time	14		14		14		14		14		15		14		15				15		15		15	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	30	34	350	50	10	30	300	7	360	11	350	26	330	11			340	18			340	26	340	45	350	24
600	30	30	350	57	10	28	310	7	340	15	350	27	330	10			340	21			330	20	330	35	340	23
1000	20	39	350	78	10	31	310	13	330	13	350	28	310	10			320	16			320	170	320	15	330	23
1500			360	62	360	41	310	18	300	10	350	27	300	12			300	37?			310	13	310	34?	300	26
2000			350	35			310	24	290	16	340	20	310	16							300	15			300	26
3000							300	24	280	44?			320	17											260	23
4000							340	12	280	26			310	15											260	20
5000							330	17					290	11											260	10
6000							320	13					250	18											280	19
7000							310	12					240	21												
8000																										

UPPER WIND OBSERVATIONS on 16th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'id		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada			
Time			3	30	3		3				6	45	4		3				9		3			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			300	8	330	20	50	10			20	9	360	20	340	11			10	9	320	9		
600			350	6	330	20	320	9			10	12	10	21	10	26			20	4	340	23		
1000			10	14	340	36	310	9			310	5	320	20	350	26			330	12	340	16		
1500					320	19	340	12			320	7	310	21	340	20			250	16	340	10		
2000					300	34	260	16			310	10			340	16			240	25	210	16		
3000					300	25					330	4			360	10					240	4		
4000					320	35																		
5000					300	23																		
6000					250	26																		
7000																								
8000																								

Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	9		9		9		9		4		4		3	15									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	340	8	20	23	340	19	340	10	20	19														
600	340	10	10	18	340	12	340	7	20	22	40	26											170	9
1000	340	15	10	31	340	10	340	10	10	23	50	30	180	3									130	8
1500	340	27	350	33	330	23	340	11	340	21	70	28	130	4									160	18
2000	350	27	350	56	340	37	330	11	280	19	70	20												
3000																							100	14
4000																								
5000																								
6000																								
7000																								
8000																								

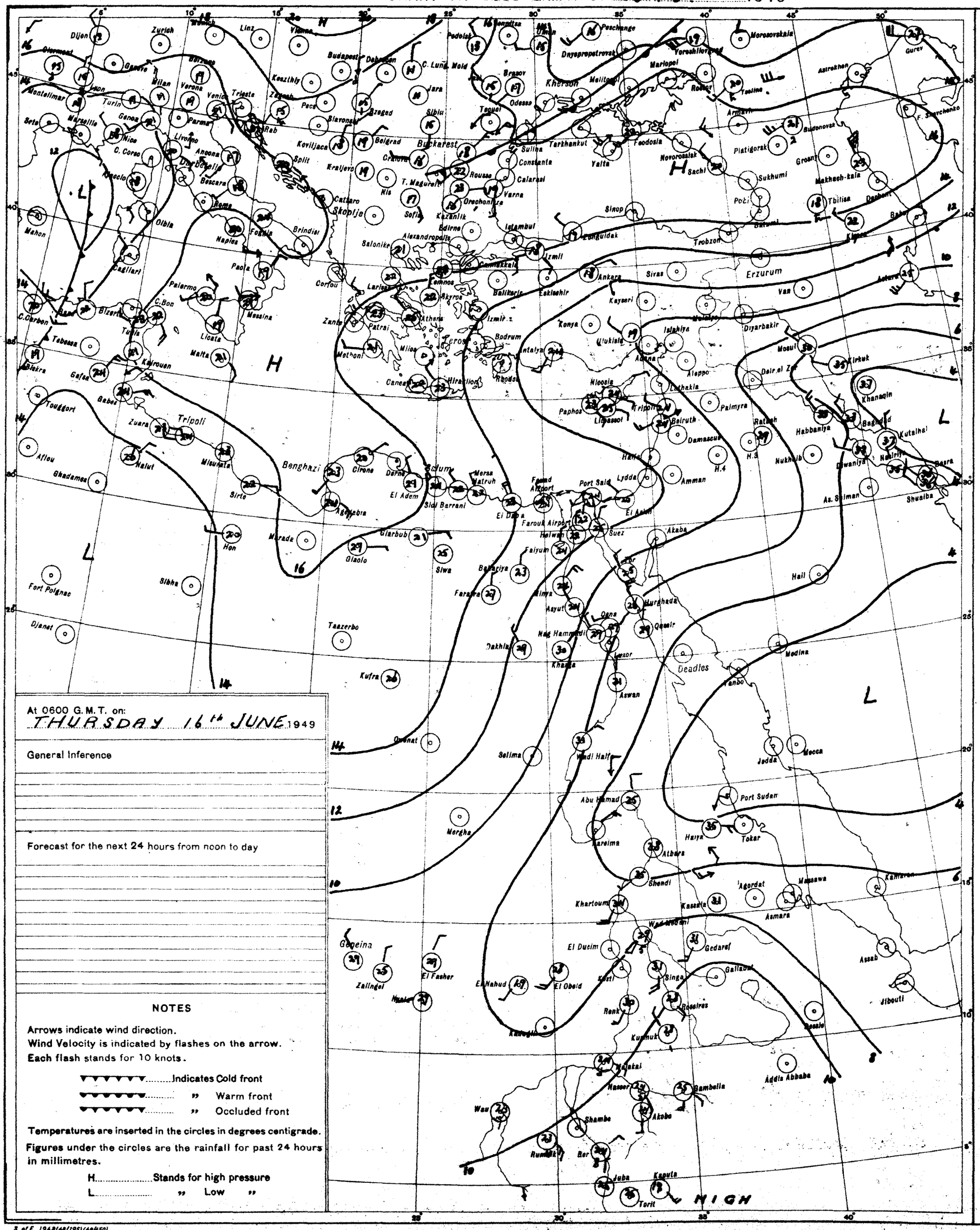
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 16 . 6 . 1949


Dijon
Zurich
Linz
Vienna
Budapest
Debrecen
Kecskemet
Zagreb
Pecs
Szeged
Sibiu
Jara
C. Lung
Mold
Brasov
Odessa
Tecuci
Bucharest
Sulina
Constanta
Calarasi
Rousse
Varna
Orechovitza
Kazanlik
Edirne
Istambul
Tarkhankut
Yalta
Feodosia
Novorossiysk
Sachi
Sukhumi
Poti
Tbilisa
Batumi
Trabzon
Sinop
Zonguldak
Samsun
Izmit
Ankara
Sivas
Erzurum
Van
Kayseri
Eskisehir
Balikesir
Izmir
Bodrum
Antalya
Konya
Adana
Aleppo
Latakia
Palmyra
Damascus
Beirut
Tripoli
Nicosia
Paphos
Limassol
Haifa
Lydda
Amman
Port Said
Suez
Akaba
Mosul
Kirkuk
Diyarbakir
Baghdad
Basra
Khanaqin
Kutalhai
Shuaiba
Dhahran
Bahrein
Kerman
Astrakhan
Gurev
Mariopol
Rostov
Taganrog
Krasnodar
Budenovsk
Pyatigorsk
Groznyi
Makhach-kala
Derbent
Kiev
Odessa
Kherson
Melitopol
Dnyepropetrovsk
Voroshilovgrad
Mariopol
Taganrog
Rostov
Tuapse
Sochi
Sevastopol
Simferopol
Yalta
Feodosia
Kerch
Taganrog
Rostov
Astrakhan
Gurev
Budenovsk
Groznyi
Makhach-kala
Derbent
Tbilisa
Poti
Batumi
Kars
Van
Erzurum
Sivas
Ankara
Kayseri
Eskisehir
Balikesir
Izmir
Bodrum
Antalya
Konya
Adana
Aleppo
Latakia
Palmyra
Damascus
Beirut
Tripoli
Nicosia
Paphos
Limassol
Haifa
Lydda
Amman
Port Said
Suez
Akaba
Mosul
Kirkuk
Diyarbakir
Baghdad
Basra
Khanaqin
Kutalhai
Shuaiba
Dhahran
Bahrein
Kerman

CAIRO
Time of Sunrise 02 53 G. M. T.
" " Sunset 16 58 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: Friday 17th June, 1949

At 1200 on Thurs. 16th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	20	10	7	02	0	0	—	14.0	25	61	17
	62303	SÎDI BARÂNI	320	10	50	02	0	0	—	14.7	24	84	21
	62306	MATRÛH											
	62309	EL DABÂ	320			00	0	0	—		24	54	14
		ALEXANDRIA	330	11	50	01	2		Cu, Ac	12.6	25	61	17
	62316	FOUAD (Airport)	340	16	18	02	0	3	Sc	12.1	26	58	18
	62330	DAMIETTA	340	5	15	00	0	0	—	11.6	25	74	20
	62333	PORT SA'ÎD	350	12	30	02	2	0	—	11.5	25	74	17
	62336	EL 'ARISH	360	13	35	01	0	0	—	12.3	25	74	20
Lower Egypt	62339	DAMANHUR	360	13	15	02	0	0	—	12.4	27	42	13
	62342	MANSURA	320	9	35	00	0	0	—	11.2	30	40	15
	62348	TANTA	310	13	35	02	0	0	—	11.9	30	35	13
	62354	ZAGAZIG	320	5	15	00	0	0	—	11.4	31	43	17
	62441	ISMAÎLIA	360	5	35	02	0	0	—	10.2	32	34	14
Cairo Area	62366	FAROUK (Airport)											
	62372	ALMÂZA											
		EZBEKIYA	360	6	35	00	0	0	—	10.4	31	34	13
		GÎZA	360	6	35	00	0	0	—	11.1	31	32	12
	62378	HELWÂN	340	10	15	02	0	0	—	10.2	30	25	8
Upper Egypt	62381	FAIYÛM	360	2	35	02	0	0	—	10.3	31	28	10
	62387	MINYA	10	16	14	00	0	0	—	10.0	33	24	10
	62393	ASYÛT MANQABAD	320	15	30	00	0	0	—	8.9	34	15	4
	62399	NAG' HAMMADI	270	6	7	00	0	0	—	6.4	39	17	10
	62402	QENA	240	5	50	00	0	0	—	6.0	41	17	11
	62405	LUXOR	320	14	36	00	0	0	—	5.3	40	13	7
	62414	ASWÂN	340	4	50	00	0	0	—	4.4	41	14	8
Oases	62417	SÎWA	00	0	35	00	0	0	—	13.6	35		
	62420	BAHARÎYA	360	23	35	02	0	0	—	11.8	33	21	8
	62423	FARAFRA	320	9	35	02	0	0	—	11.8	35	32	16
	62432	DAKHLA	320	10	50	00	0	0	—	9.0	36	6	-7
	62435	KHARGA	340	2	35	00	0	0	—	8.4	37	18	9
Red Sea	62450	SUEZ	20	3	35	01	0	0	—	8.6	31	31	12
	62459	TÛR	310	12	35	00	0	0	—	9.0	29	52	18
	62462	HURGHÂDA	360	13		00	0	0	—	6.7	27	70	21
	62465	QUSEIR	360	13	15	02	0	0	—	6.4	30	66	23
	62641	PORT SUDÂN	60	10	30	02	0	2	Ac, Cc	4.0	35	56	25
North Sudan	62600	WÂDI HALFA	350	13	10	07	0	0	—	5.3	38	11	3
	62640	ABU HAMAD	110	2	30	00	0	0	—	1.8	44	24	19
	62660	KAREIMA	40	6	30	00	1	0	—				1
	62680	'ATBARA	100	5	30	00	0	0	—	1.3	44	9	4
	62721	KHARTÛM	180	8	30	03	0	1	Cu	1.8	42	19	14
	62730	KASSALA	360	8	30	00	0	0	—	1.2	41	22	15
Central Sudan	62751	WÂD MEDANI											
	62801	RENK			50	01	1		Ci		35	39	19
	62802	ROSEIRES	160	1	35	00	0	0	—		37	27	15
	62771	EL OBEID	200	13	30	01	2	2	Cu, Ac	3.3	37	24	13
	62760	EL FÂSHER	90	15	15	00	1	2	Ac		40	8	0
	62770	GENEINA	70	12	30	00	0	2	Cu		37	10	0
S. Sudan	62840	MALAKÂL	180	13	30	02	1	5	Cu, Ac	5.8	33	44	19
	62880	WÂU	00	0	30	00	1	2	Ac	6.0	33	44	19
	62941	JUBA	20	2	30	03	2	8	Cu, Cs	6.1	31	55	21

At 1800 on Thurs. 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	320	4	7	02	0	0	—	14.3	23	61	15	0
SÎDI BARÂNI	320	5	35	02	1	0	—	14.2	22	83	19	0
MATRÛH	350	4	13	00	0	0	—	13.1	22	83	19	0
EL DABÂ	320	10		00	0	0	—		22	67	13	0
ALEXANDRIA	340	10	7	00	0	0	—	12.8	22	74	17	0
FOUAD (Airport)	290	5		03	2	5	Cu	11.0	23	83	20	0
DAMIETTA			18	03	0		Sc	10.2	24	69	18	0
PORT SA'ÎD	00	0	15	02	0	0	—	10.3	25	70	19	0
EL 'ARISH	310	9	15	02	0	0	—	12.3	22	83	19	0
DAMANHUR	340	5		00	0	0	—	11.5	24	69	18	0
MANSURA	310	2	35	03	1	3	Cu	12.0	25	64	15	0
TANTA	320	5		00	0	0	—	11.1	25	61	17	0
ZAGAZIG	60	5	35	02	6	3		10.4	25	61	17	0
ISMAÎLIA												
FAROUK (Airport)	330	14	14	00	0	0	—	11.1	27	55	17	0
ALMÂZA	330	6	15	00	0	0	—	11.2	25	56	15	0
EZBEKIYA	330	6	15	00	0	0	—	11.6	26	48	14	0
GÎZA	340	18	15	02	0	0	—	10.7	27	42	13	0
HELWÂN	360	5	35	02	0	0	—	10.2	28	40	13	0
FAIYÛM	360	7	10	00	0	0	—	10.1	26	42	12	0
MINYA												
ASYÛT MANQABAD												
NAG' HAMMADI	00	0	3	00	0	0	—	7.5	28	45	15	0
QENA	240	9	7	00	0	0	—	6.8	31	28	10	0
LUXOR	300	8	12	00	0	0	—	7.0	33	21	8	0
ASWÂN	360	3		00	0	0	—	6.4	37	14	6	0
SÎWA	00	0	7	00	0	0	—	12.7	30	66	23	0
BAHARÎYA	360	2	15	02	0	0	—	12.0	29	23	6	0
FARAFRA	360	5	15	02	0	0	—	11.5	28	40	13	0
DAKHLA	320	2	35	00	0	0	—	10.3	30	16	1	0
KHARGA	00	0	15	00	0	0	—	10.2	28	27	7	0
SUEZ	20	12	15	02	0	0	—	9.1	26	62	18	0
TÛR	310	2	15	00	0	0	—	8.0	30	35	13	0
HURGHÂDA	310	16		00	0	0	—	6.0	30	49	18	0
QUSEIR	360	9	15	02	0	0	—	6.7	29	59	20	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Friday 17th June,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
SALUM	320	10	7	02	0	0	—	13.4		23	27		16		74	18	0		
SÎDI BARÂNI	320	9	50	03	0	4	Sc, Cu	16.3		23	26		19		88	21	0	278	
MATRÛH	350	6	15	03	1	3	Cu	12.8		23	26		16		78	19	0		
EL DABÂ	320			00	0	0	—	12.0		23			16		65	16	0		
ALEXANDRIA	330	11	50	00	0	0	—	11.2	-1.3	22	26	-2	21	0	69	16	0	267	186
FOUAD (Airport)	340	17	12	02	0	0	—	11.0		24	27		20		65	17	0	265	138
DAMIETTA	270	2		02	2	6	Cu	11.1	-0.1	24	26		19		74	19	0	319	106
PORT SA'ÎD	300	4	15	03	1	6	Sc	10.7		25	28		22		61	17	0	72	
EL 'ARISH	320	2	35	03	1	1	Cu	11.4	+0.1	26	26	-3	21	+3	62	18	0		94
DAMANHUR	310	9	15	02	1	2	Cu	12.8	+1.1	21	28	-4	16	-2	65	14	0	102	101
MANSURA	20	9	35	03	0	5	Cu	11.0	-0.6	24	31	-3	18	-1	69	18	0	49	55
TANTA	310	8	35	02	1	0	—	12.3	+0.3	25	30	-4	15	-3	61	17	0	34	44
ZAGAZIG	320	5	7	00	0	0	—			26	33	-1	19	+1	58	17	0	21	27
ISMAÎLIA	20	2	7	02	1	3	Ac	10.2		25	32		21		54	15	0	14	
FAROUK (Airport)	20	6	12	01	2	5	Sc, Cu	10.7		22			19		74	17	0		
ALMÂZA	360	6	12	02	2	6	Sc	10.7	-0.9	22	32		19		74	17	0		
EZBEKIYA	40	2	15	01	0	2	Sc	11.4	-0.2	23	32	-3	20	0	65	16	0	8	26
GÎZA	40	2	15	01	0	2	Sc	11.5	-0.2	23	32	-3	18	0	66	16	0	16	27
HELWÂN	340	27	15	00	0	0	—	11.4	-0.1	22	32	-3	19	-1	65	15	0	16	29
FAIYÛM	360	2	35	03	0	3	Cu, Sc	11.5	+0.2	23	33	-3	18	-2	65	16	0	8	8
MINYA	20	15	10	00	0	0	—	11.1	-	23	34		16		65	16	0	5	
ASYÛT MANQABAD	320	5	30	00	0	0	—	10.7		22			18		69	16	0	dr.	
NAG' HAMMADI	00	0	7	00	0	0	—	8.8	-0.1	26			20		55	16	0	0	
QENA	240	5	35	00	0	0	—	8.2	-0.3	29	42	+1	24	+1	40	14	0	dr.	
LUXOR											41							dr	
ASWÂN	00	0	50	00	0	0	—	9.4	+0.8	28	42	0	24	-2	37	12	0	2	
SÎWA	00	0	35	00	0	0	—	13.9	+0.5	26	38	0	18	-1	70	20	0	1	8
BAHARÎYA	360	4	35	02	0	0	—	12.8	+0.6	22	34	-2	18	-1	74	17	0	dr	7
FARAFRA	00	0	15	02	0	0	—	12.4		25	37		20		61	17	0	dr	
DAKHLA	00	0	35	00	0	0	—	10.6	-0.3	29	37	-3	21	-1	29	9	0	dr	
KHARGA	360	2	35	00	0	0	—	10.2	+0.8	27	38	-1	22	-1	42	13	0	0	
SUEZ	00	0	35	00	0	0	—	9.9	-0.8	24	34	-1	21	0	61	16	0	12	17
TÛR	310	4	35	00	0	0	—	8.0	-0.3	25	30	-3	24	+1	70	19	0	dr	13
HURGHÂDA	330	18		00	0	0	—	8.0		25	30		24		74	20	0	7	
QUSEIR	360	13	15	02	0	0	—	7.4	-0.8	28	30	-3	25	-1	62	20	0	0	4
PORT SUDÂN																	0	35	97
WÂDI HALFA																	0	14	
ABU HAMAD																			
KAREIMA																	0	5	2
'ATBARA																	0	8	8
KHARTÛM																	0	13	12
KASSALA																	0	44	35
WÂD MEDANI																	0	80	41
RENK	230	6	50	00	2	8	Cu	11.8		26	35		21		70	20	18		131
ROSEIRES																	0	14	174
EL OBEID																	0	83	53
EL FÂSHER	50	5	30	00	1	1	Ac			27	41		23		45	14	0	18	23
GENEINA	90	2	35	00	1	2	Ci			24	39		22		47	12	0		52
MALAKÂL																	0	460	263
WÂU	00	0	30	01	1	3	Ac	9.0		27	33		25		77	23	0	495	457
JUBA	160	2	30	02	2	7	Cu, Ac	8.5		28	32		24		70	22	0	409	544

HUMIDITY

Mean of day

Station	on 16th	Diff. from normal
Alexandria	68	-4
Ezbekiya	56	+2
Giza	51	-2
Helwân	51	+10

GÎZA
GRASS MINIMUM TEMP.
ON 17th 15.7 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. feet	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — On ..... At ..... AIRPORT

Pressure mbs.	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

Pressure mbs.	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

Pressure mbs.	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on Thur. 16th

Height m.	Aswan Dir.	Aswan Vel.	Siwa Dir.	Siwa Vel.	Dakhla Dir.	Dakhla Vel.	Hurghada Dir.	Hurghada Vel.	Kharga Dir.	Kharga Vel.	Minya Dir.	Minya Vel.	S. Bamani Dir.	S. Bamani Vel.	Bahariya Dir.	Bahariya Vel.	Matruh Dir.	Matruh Vel.	Dir.	Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	Dir.	Vel.	P. Said Dir.	P. Said Vel.
Time	14		14		14		15		14		15		14		14		15				15				15	
300	340	13	60	7	340	28	340	36	350	16	360	16	340	7	10	24	320	17			320	13			320	15
600	350	12	30	6	340	40	340	23	350	13	360	25	330	7	360	16	320	19			240	7			300	23
1000	330	19	360	6	350	62	330	11	350	13	350	26	320	10	350	21	360	24			320	19			270	16
1500	350	21	30	22	350	16	270	8	340	19	350	23	310	13	350	27	320	28			330	17			290	12
2000	330	11	20	18			300	10			340	19	320	13	340	33	320	28			320	22			280	8
3000	260	24	20	37			270	21			330	16	310	18							300	15				
4000			20	34							290	10	310	15							270	13				
5000			10	43							250	12	300	13							300	13				
6000											250	15														
7000											240	11														
8000											210	10														

UPPER WIND OBSERVATIONS on Frid. 17th

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Sa'îd Dir.	Port Sa'îd Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabad Dir.	Asyût Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Dir.	Vel.
Time	9		3		3		9						3		3				9		3			
300	330	9	320	14	320	19	280	10					20	16	340	12			40	8	320	42		
600	350	6	330	13	330	14	290	14					10	12	350	20			360	4	330	16		
1000	340	6	350	14	350	16	300	7					10	15	340	24			340	5	330	10		
1500	330	11	350	13	330	14	300	6					10	12	340	27			280	9	280	14		
2000	330	14	340	14	320	10							360	12	340	19			260	18	220	10		
3000	320	13			320	12									300	9			220		250	10		
4000	310	12			340	14																		
5000	310	10			280	14																		
6000	330	20			290	21																		
7000	310	19			290	35																		
8000	280	17			310	50																		

Height m.	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time			9				9		4		3	45			3	45	3	30					3	30
300			340	11			340	22	20	11														
600			340	12			340	18	20	21	30	25			270	18	210	18					190	7
1000			330	25			340	22	10	29	70	24			270	13	200	18					180	13
1500			320	26			10	19	350	16							220	16					180	16
2000			340	27			360	23	270	22	350	15			20	15	290	5						
3000			330	53					290	19					350	27								
4000			320	38																				
5000																								
6000																								
7000																								
8000																								

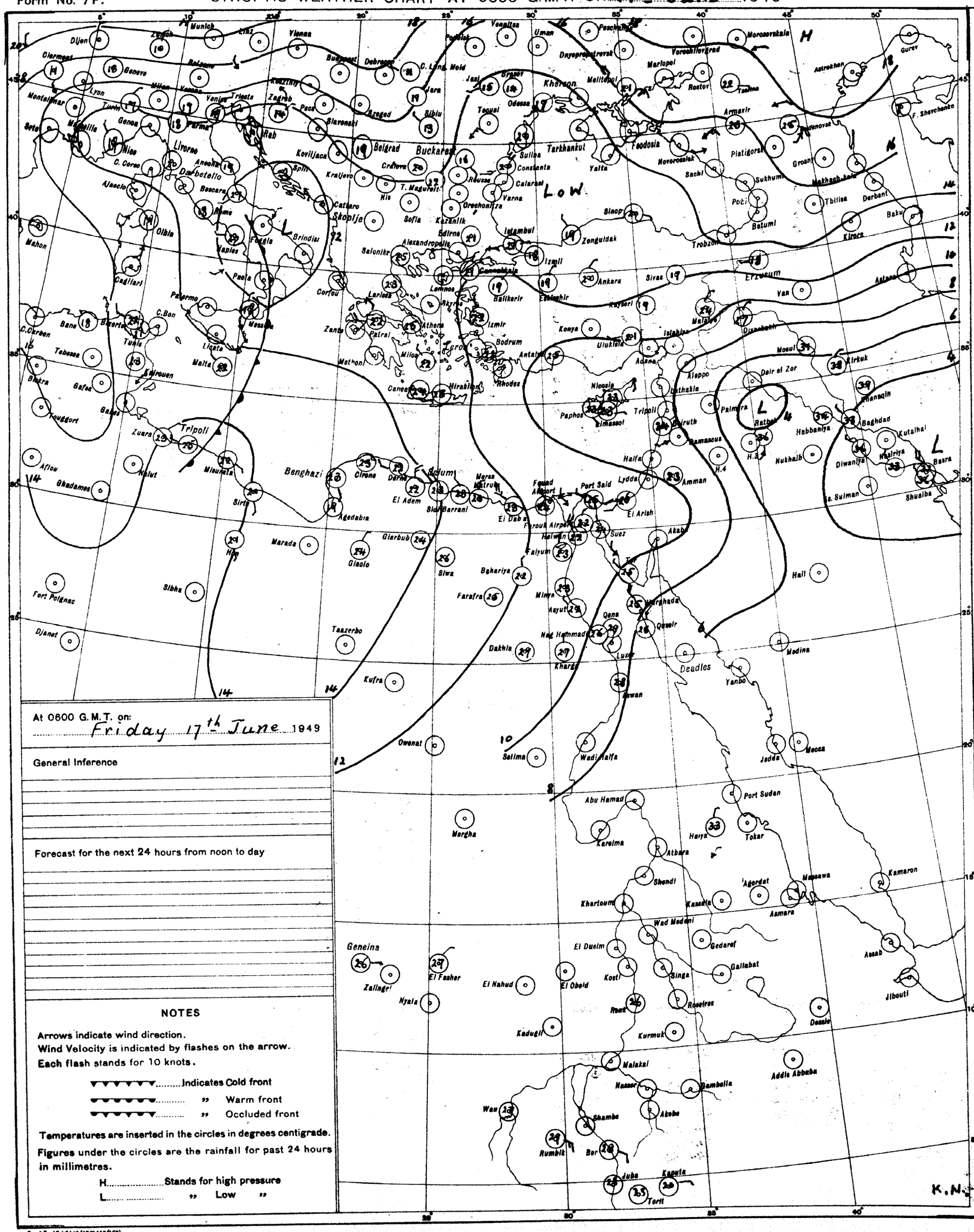
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 17th June 1949


Munich
Vienna
Budapest
Debrecen
Kherson
Odessa
Tarkhankut
Yalta
Feodosia
Novorossiysk
Sochi
Poti
Batumi
Tbilisa
Baku
Derbent
Grozny
Makhach-kala
Astrakhan
Gurev
Marlopol
Rostov
Taganrog
Armavir
Krasnodar
Platigorsk
Sukhumi
Trabzon
Sinop
Erzurum
Van
Astara
Kirkuk
Mosul
Baghdad
Basra
Kutalhai
Nasiriya
Diwaniya
Shuaiba
Khanaqin
Dair el Zor
Aleppo
Palmyra
Rutbah
Habbaniya
Nukhaib
Tripoli
Beirut
Damascus
Haifa
Lydda
Amman
Port Said
Ismailia
Suez
Akaba
Ei Arish
Ei Dabaa
Benghazi
Tripoli
Misurata
Sirte
Ghadames
Aflou
Nalut
Marada
Giaolo
Giarbub
Siwa
Bahariya
Farafra
Dakhla
Kharga
Luxor
Qena
Hurghada
Qoseir
Aswan
Deadles
Medina
Yanbo
Jedda
Mecca
Port Sudan
Tokar
Haiya
Atbara
Kareima
Abu Hamad
Wadi Halfa
Selima
Kufra
Taazerbo
Sibha
Fort Polignac
Djanet
Marsa Matruh
Alexandria
Cairo
Khartoum
Kassala
Agordat
Massawa
Asmara
Kamaron
Assab
Jibouti
Dessie
Addis Abbaba
Gambella
Nasser
Malakal
Akobo
Shambe
Bor
Rumbik
Juba
Kapoeta
Torit
Wau
Kurmuk
Kadugli
Roseires
Rabak
Kosti
Singa
Gallabat
Gedaref
Wad Medani
El Dueim
El Obeid
El Nahud
El Fasher
Nyala
Zalingei
Geneina
Shendi
Khartoum
Merga
Kufra
Owenat
Cairo
Port Said
Ismailia
Suez
Tripoli
Malta
Palermo
Messina
Naples
Rome
Livorno
Genoa
Marseille
Nice
Lyon
Geneva
Zurich
Munich
Vienna
Budapest
Belgrad
Buckarest
Sofia
Salonika
Athens
Istambul
Ankara
Sivas
Konya
Adana
Nicosia
Paphos
Limassol
Rhodes
Crete
Malaga
Tunis
Algiers
Oran
Tangier
Madrid
Lisbon
Gibraltar
Malta
Cagliari
Palermo
Mahon
Ajaccio
Bordeaux
Paris
London
Dublin
Reykjavik
Oslo
Stockholm
Helsinki
Moscow
Kiev
Odessa
Tiraspol
Kishinev
Bucharest
Sofia
Belgrade
Zagreb
Trieste
Venice
Milan
Turin
Genoa
Parma
Rome
Naples
Brindisi
Foggia
Palermo
Messina
Catania
Malta
Cagliari

CAIRO
Time of Sunrise 02 54 G. M. T.
" " Sunset 16 56 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: Saturday 18th June, 1949

At 1200 on Fri 17th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM	360	18	7	02	0	0	—	13.3	27	58	18
	62303	SÎDI BARÂNI	320	6	50	01	1	0	—	13.3	25	74	20
	62306	MATRÛH	20	6	18	00	0	0	—	12.6	26	55	16
	62309	EL DABA	320			00	0	0	—		24	69	18
		ALEXANDRIA	310	11	50	00	0	0	—	11.8	25	70	19
	62318	FOUAD (Airport)	320	14	18	02	0	1	Cu	11.3	26	62	18
	62330	DAMIETTA	340	5	15	00	0	0	—	10.3	25	70	19
	62333	PORT SA'ÎD	350	10	18	02	2	0	—	10.0	25	70	19
	62336	EL 'ARISH	320	5	36	01	0	0	—	11.1	25	84	22
Lower Egypt	62339	DAMANHUR	310	13	15	02	0	0	—	11.5	27	62	19
	62342	MANSURA	320	13	35	00	1	0	—	9.8	31	43	17
	62348	TANTA											
	62354	ZAGAZIG	320	5	15	00	0	0	—	9.9	32	43	18
	62441	ISMA'ILIA	40	2	15	00	0	0	—	9.3	32	38	16
Cairo Area	62366	FAROUK (Airport)											
	62372	ALMÂZA											
		EZBEKÎYA	360	4	35	00	0	0	—	10.2	31	31	12
		GÎZA	360	4	35	00	0	0	—	10.3	31	36	14
	62378	HELWÂN	320	6	15	06	0	0	—	9.5	31	31	12
Upper Egypt	62381	FAIYÛM	360	2	35	01	0	0	—	9.4	32	24	9
	62387	MINYA	40	19	12	00	0	0	—	9.8	32	34	14
	62393	ASYÛT MANQABÂD	300	10	30	00	0	0	—	8.8	32	22	6
	62396	NAG' HAMMÂDI	320	6	15	00	0	0	—	7.1	35	29	14
	62402	QENA	240	9	50	00	0	0	—	6.2	40	15	9
	62405	LUXOR	270	8	30	00	0	0	—	6.2	38	14	6
	62414	ASWÂN	00	0	50	00	0	0	—	7.5	38	17	9
Oases	62417	SÎWA	00	0	35	00	0	0	—	14.0	31	66	24
	62420	BAHARÎYA	360	3	35	02	0	0	—	11.1	33	21	8
	62423	FARAFRA	340	9	35	02	0	0	—	11.2	35	37	18
	62432	DAKHLA	320	2	50	00	0	0	—	9.0	35	12	1
	62435	KHARGA	340	3	35	00	0	0	—	8.6	36	20	10
Red Sea	62450	SUEZ	00	0	35	02	0	0	—	8.3	32	34	14
	62459	TÛR	310	2	35	00	0	0	—	8.0	28	58	19
	62462	HURGHÂDA	360	16		00	0	0	—	7.1	27	62	19
	62465	QUSEIR	20	9	15	02	0	0	—	7.0	28	79	24
	62641	PORT SÛDÂN											
North Sûdân	62600	WÂDI HALFA	110	5	30	03	0	1	Cu		45	7	2
	62640	ABU HAMAD											
	62660	KAREIMA											
	62680	'ATBARA											
	62721	KHARTÛM											
	62730	KASSALA											
Central Sûdân	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	130	9	10	16	9	7		7.8	34	47	21
	62760	EL FÂSHER	90	9	30	00	0	1	Ci		38	9	0
	62770	GENEINA	70	10	10	02	2	7	Ac		35	22	10
S. Sûdân	62840	MALAKÂL	70	8	30	01	2	6	Cb, Ac	9.3	29	52	13
	62880	WÂU											
	62941	JUBA											

At 1800 on Fri. 17th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALUM	320	1	7	02	0	0	—	13.0	22	78	18	0
SÎDI BARÂNI	320	3	35	02	0	0	—	13.3	22	63	19	0
MATRÛH	340	6	13	00	0	0	—	12.5	22	83	19	0
EL DABA	320	9		00	0	0	—		22	74	17	0
ALEXANDRIA	310	9	50	00	0	0	—	12.3	22	74	17	0
FOUAD (Airport)	340	10	12	02	0	0	—	11.6	22	65	15	0
DAMIETTA	320	5		03	2	3	Cu	10.6	23	63	20	0
PORT SA'ÎD	350	11	15	03	0	4	Cu, Ac	10.4	23	78	19	0
EL 'ARISH	340	2	15	03	1	1	Cu	11.1	23	88	20	0
DAMANHUR	360	9	15	02	0	0	—	11.6	21	63	18	0
MANSURA	340	5		00	0	0	—	11.1	24	64	18	0
TANTA												
ZAGAZIG	320	5		00	0	0	—	11.2	25	61	17	0
ISMA'ILIA	40	2	7	02	0	0	—	10.7	25	61	17	0
FAROUK (Airport)												
ALMÂZA	340	9	12	00	0	0	—	9.6	27	33	9	0
EZBEKÎYA	360	4	15	00	0	0	—	10.8	27	42	13	0
GÎZA	360	4	15	00	0	0	—	11.0	26	52	15	0
HELWÂN	340	14	15	06	0	0	—	9.8	27	42	13	0
FAIYÛM	330	2	35	02	0	0	—	9.4	28	40	13	0
MINYA	360	1	10	00	0	0	—	9.0	27	35	10	0
ASYÛT MANQABÂD												
NAG' HAMMÂDI	00	0		00	0	0	—	7.0	28	45	15	0
QENA	240	5	7	00	0	0	—	6.6	30	35	13	0
LUXOR												
ASWÂN	360	6	50	00	0	0	—	5.8	35	19	8	0
SÎWA	00	0	7	00	0	0	—	13.0	34	63	26	0
BAHARÎYA	360	2	15	02	0	0	—	10.8	28	27	7	0
FARAFRA	360	2	15	02	0	0	—	11.0	27	42	13	0
DAKHLA	320	4	35	00	0	0	—	9.6	30	16	1	0
KHARGA	360	2	15	00	0	0	—	8.8	30	31	11	0
SUEZ	360	8	15	02	0	0	—	8.7	26	70	20	0
TÛR	310	4	15	00	0	0	—	6.3	31	62	23	0
HURGHÂDA	300	11		00	0	0	—	6.0	28	62	17	0
QUSEIR	360	9	15	02	0	0	—	6.7	27	70	21	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Saturday 18th June,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	220	4	7	02	0	0	—	12.0		26	28		18		37	10	0		
SÎDI BARÂNI	220	3	50	02	0	0	—	12.2		26	26		16		55	16	0	276	
MATRÛH	00	0	17	00	0	0	—	11.9		26	27		17		62	18	0		
EL DABA	220	6		00	0	0	—			27			15		55	17	0		
ALEXANDRIA	270	5	50	00	0	0	—	12.2	-0.2	23	26	-2	21	0	65	16	0	267	166
FOUAD (Airport)	320	8	18	02	0	0	—	12.0		26	27		16		48	14	0	265	138
DAMIETTA	340	5		00	0	0	—	12.4	+1.3	25	26		16		61	17	0	319	106
PORT SA'ÎD	320	4	14	01	1	3	Sc	11.6		24	26		22		74	19	0	72	
EL 'ARISH	220	2	35	02	1	1	Cu	11.8	+0.6	26	26	-3	19	+1	70	20	0		94
DAMANHUR	360	9	15	02	0	0	—	12.2	+0.6	24	28	-4	17	-1	74	19	0	102	101
MANSURA	320	5	35	00	0	0	—	12.0	+0.5	25	32	-2	18	-1	61	17	0	49	55
TANTA	00	0	35	02	0	0	—	12.5	+0.7	23			18	-4	61	15	0	34	44
ZAGAZIG	320	5	7	02	1	3	Ac	12.3	+0.7	25	35	+1	17	-1	70	19	0	21	27
ISMA'ILIA	290	2	3	00	2	6	Sc	12.0		24	34		21		69	18	0	14	
FAROUK (Airport)																			
ALMÂZA											32								
EZBEKÎYA	360	4	15	01	0	1	Cu	12.3	+0.7	24	33	-2	20	0	69	18	0	8	26
GÎZA	360	4	15	01	0	1	Cu	12.4	+0.8	23	33	-2	19	+1	68	17	0	16	27
HELWÂN	340	5	15	02	0	0	—	12.0	+0.6	22	32	-3	18	-2	74	17	0	16	24
FAIYÛM	360	2	35	02	0	0	—	12.0	+0.8	23	33	-3	19	-1	65	16	0	8	6
MINYA	20	12	10	00	0	0	—	11.6		23	34		17		65	16	0	5	
ASYÛT MANQABÂD	320	2	30	00	0	0	—	11.0		24			19		54	14	0	dr.	
NAG' HAMMÂDI	320	2	3	00	0	0	—	9.1	+0.3	28	35		20		52	17	0	0	
QENA	240	5	35	00	0	0	—	8.8	+0.4	26	41	0	23	0	48	14	0	dr.	
LUXOR																		dr.	
ASWÂN	360	4	50	00	0	0	—			28	40	-2	23	-3	37	12	0	2	
SÎWA	40	5	35	00	0	0	—	13.5	+0.1	26	32	-6	18	-1	70	20	0	1	8
BAHARÎYA	360	4	35	02	0	0	—	13.1	+1.0	22	34	-2	16	-3	57	13	0	dr.	7
FARAFRA	360	1	35	02	0	0	—	12.6		25	36		18		47	13	0	dr.	
DAKHLA	320	2	35	00	0	0	—	10.7	-1.2	26	36	-4	20	-3	30	7	0	dr.	
KHARGA	20	1	35	00	0	0	—	10.6	+1.3	27	36	-3	21	-2	52	16	0	0	
SUEZ	00	0	35	00	0	1	Cu	10.6	0.0	23	33	-2	19	-2	74	18	0	12	17
TÛR	310	8	35	00	0	0	—	8.3	+0.1	25	31	-2	24	+1	70	19	0	dr.	13
HURGHADA	310	19		00	0	0	—	8.9		25	28		24		74	20	0	7	
QUSEIR	360	19	15	02	0	0	—	8.2	+0.1	28	29	-4	24	-2	65	21	0	0	4
PORT SÛDÂN																	0	35	97
WÂDI HALFA																	0	14	
ABU HAMAD																			
KAREIMA																	0	5	2
'ATBARA	50	9	30	00	0	0	—	4.6		31	44				12	-1	0	8	8
KHARTÛM	270	7		01	1	2	Ac, Ci	6.2		31	43		27		24	8	0	13	12
KASSALA	200	9	30	00	0											16	0	44	36
WÂD MEDANI																	0	80	42
RENK																			133
ROSEIRES				00	0	0	—			29			21		62	18	0	141	179
EL OBEID																	9	92	54
EL FÂSHER																	0	18	24
GENEINA																			54
MALAKÂL	180	8	30	00	0	7	—	11.4		23	30		21		88	21	0	460	268
WÂU																	9	504	463
JUBA	00	0	30	02	2	8	Ac, Cs	11.5		25	33		22		79	21	4	413	549

HUMIDITY

Mean of day

STATION	% on 17th	Diff. from normal
Alexandria	71	-1
Ezbeklya	52	-2
Giza	56	+2
Helwân	52	+11

GÎZA GRASS MINIMUM TEMP. ON 18th 16.0 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. feet	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — On ..... At ..... AIRPORT

Pressure mbs.	Height above M.S.L. feet	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. feet	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. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 17th

Height m.	S. Barrani Dir.	S. Barrani Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	Matruh Dir.	Matruh Vel.	Port Said Dir.	Port Said Vel.	Aswan Dir.	Aswan Vel.	Minya Dir.	Minya Vel.	Suwa Dir.	Suwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Hurghada Dir.	Hurghada Vel.
Time	14		15		14 30		14		14		15		14		14		14		14		15	
300	320	13	340	15	330	7	320	19	10	14	340	16	360	22	340	43	340	27	350	23	330	28
600	330	10	330	14	330	14	320	21	350	10	340	21	360	19	340	38	340	24	340	24	340	16
1000	320	9	340	12	340	18	320	19	330	8	340	28	360	19	340	24	340	33	340	20	310	6
1500	330	12	340	14	320	23	300	10	310	8	350	23	350	24	350	23	330	57	330	24	320	20
2000	340	10	320	13	360	22	270	5	300	16	360	12	360	17	360	26			330	28	260	16
3000	340	19	310	16	330	23	20	5	250	27	350	6	360	34							260	28
4000	320	15			330	19			240	57	320	19	20	32								
5000	320	11			320	23			200	24			360	23								
6000																						
7000																						
8000																						

UPPER WIND OBSERVATIONS on 18th

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Dir.	Vel.
Time	5		5		4		4				6 45		3		9				5		9			
300	280	2	340	7	310	10	300	8			340	4	20	18	330	16			360	7	330	29		
600	300	5	340	14	300	10					40	7	10	23	340	15			360	19	300	26		
1000	320	7	340	13	300	10	340	10			20	16	340	23	360	16			10	18	300	19		
1500	310	10	330	20	300	12	360	10			360	18	340	21	360	14			270	7	270	13		
2000	330	12			290	12					310	8	350	12	360	11			320	6	270	11		
3000	320	13			290	15									30	6			280	6	280	17		
4000	320	17																			220	13		
5000																					240	15		
6000																								
7000																								
8000																								

Height m.	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time	4 45		5		5		5																	
300	150	9	10	15	300	2	10	16																
600	100	9	20	17	40	6	360	24																
1000	60	14	10	17	360	24	350	29																
1500	360	24	350	37	360	30	360	28																
2000	350	32	10	36			10	21																
3000	340	34																						
4000	340	31																						
5000																								
6000																								
7000																								
8000																								

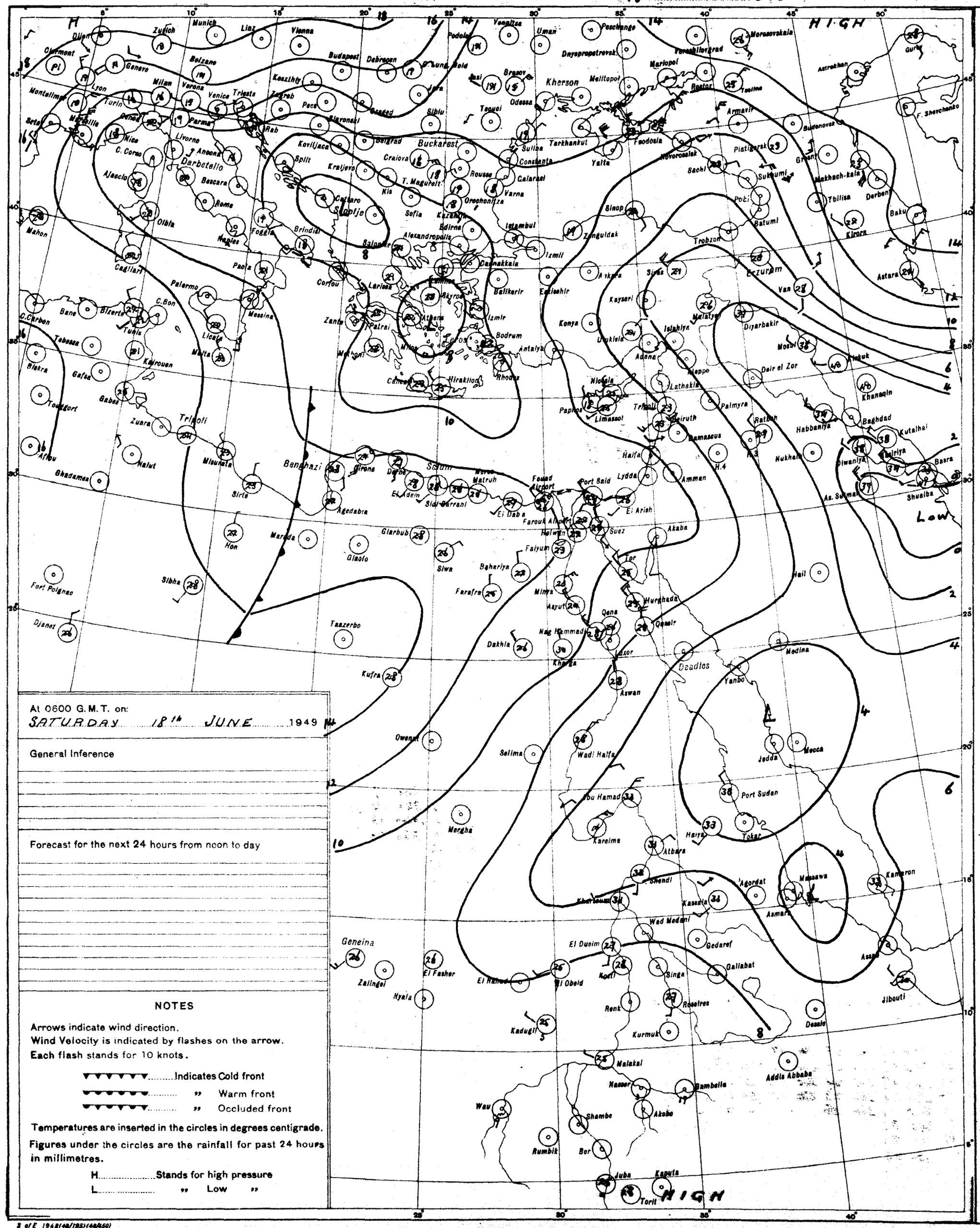
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

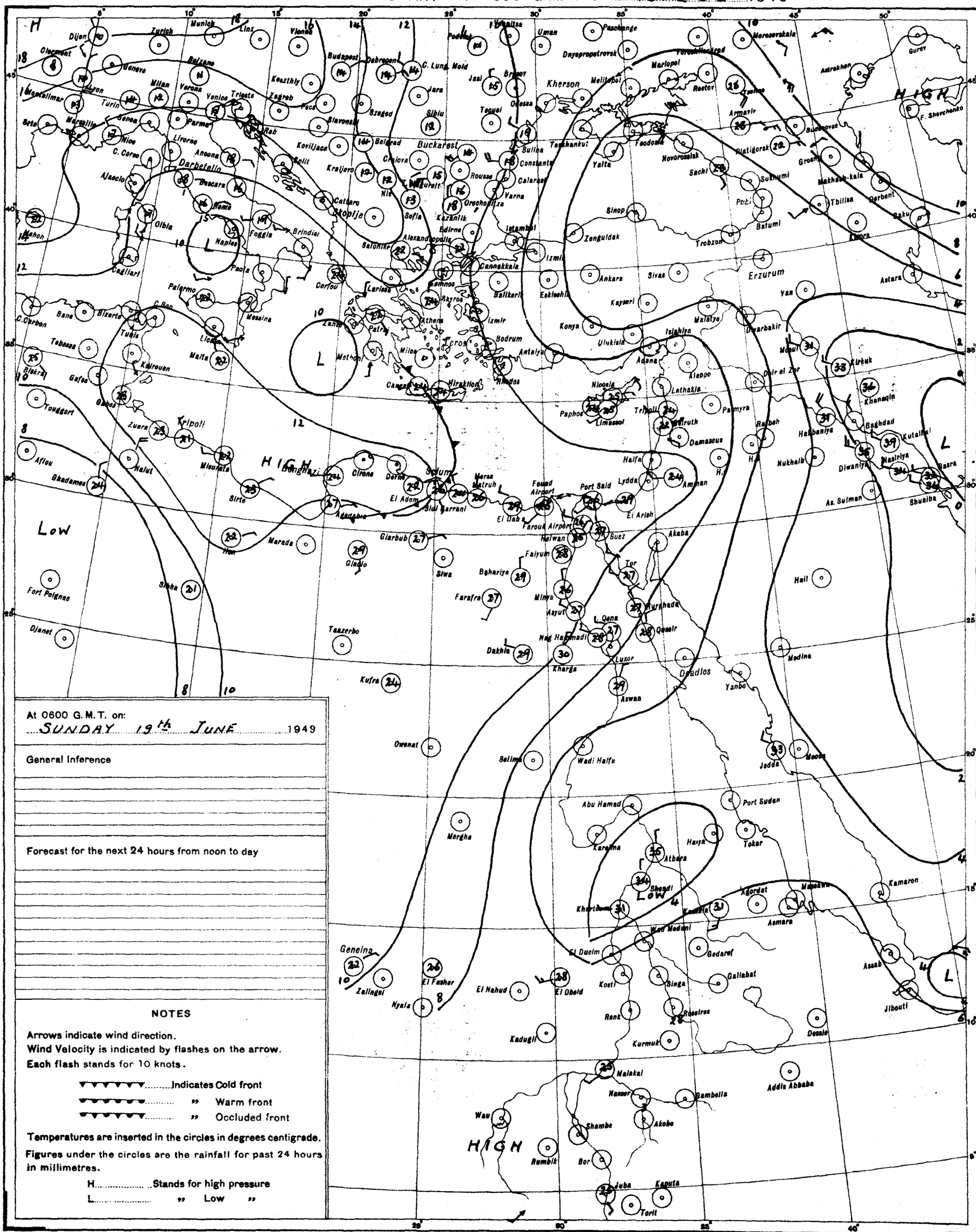
Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 18th 1949


HIGH
Low
HIGH
Buckarest
Kherson
Benghazi
Tripoli
Darbetello
Salum
Deadles
Geneina
Zalingei
Nyala
Wau
Rumbik
Bor
Juba
Torit
Kapoeta
Addis Abbaba
Dessie
Jibouti
Asmara
Massawa
Kassala
Khartoum
Atbara
Wad Medani
El Obeid
El Fasher
El Daein
Port Sudan
Jedda
Mecca
Medina
Yanbo
Aswan
Luxor
Wadi Halfa
Suez
Port Said
Jerusalem
Amman
Beirut
Damascus
Baghdad
Basra
Tbilisa
Baku
Astrakhan
Odessa
Sofia
Istanbul
Ankara
Athens
Rhodes
Malta
Tunis
Algiers
Rome
Naples
Marseille
Lyon
Paris
Munich
Vienna
Budapest
Belgrade
Bucharest
Sevastopol
Rostov
Tashkent
Tehran
Baghdad
Kuala Lumpur
Singapore
Bangkok
Hong Kong
Shanghai
Tokyo
Osaka
Seoul
Pyongyang
Vladivostok
Irkutsk
Novosibirsk
Moscow
Leningrad
Murmansk
Archangel
Reykjavik
Lisbon
Madrid
Paris
London
Dublin
Washington
New York
Chicago
San Francisco
Los Angeles
Mexico City
Havana
Kingston
Caracas
Bogota
Lima
Rio de Janeiro
Buenos Aires
Santiago
Cape Town
Pretoria
Nairobi
Dar es Salaam
Lagos
Accra
Dakar
Tripoli
Cairo
Khartoum
Perth
Sydney
Melbourne
Auckland
Wellington
Honolulu
Anchorage
Nome
Fairbanks
Winnipeg
Toronto
Montreal
Halifax
St. John's
Bermuda
Nassau
Kingston
Port of Spain
Caracas
Bogota
Quito
Lima
La Paz
Asuncion
Montevideo
Rio de Janeiro
Recife
Belem
Manaus
Iquitos
Cuzco
Arequipa
Santiago
Valparaiso
Punta Arenas
Stanley
Tristan da Cunha
Ascension
St. Helena
Cape Town
Windhoek
Luanda
Lagos
Accra
Dakar
Freetown
Monrovia
Abidjan
Bamako
Niamey
Tripoli
Cairo
Khartoum
Addis Abbaba
Nairobi
Mogadishu
Dar es Salaam
Lusaka
Salisbury
Pretoria
Durban
Cape Town
Perth
Darwin
Brisbane
Sydney
Melbourne
Hobart
Auckland
Wellington
Chatham Is.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 19 – 6 – 1949


HIGH
LOW
Buckarest
Kherson
Darbetelin
Kopije
Erzurum
Khartoum
Geneina
Dendles
Addis Abbaba
Port Sudan
Jedda
Mecca
Medina
Suez
Port Said
Cairo
Tripoli
Benghazi
Kufra
Wadi Halfa
Abu Hamad
Atbara
Asmara
Massawa
Kamaron
Aden
Djibouti
Tobruk
Alexandria
Jerusalem
Damascus
Baghdad
Basra
Tehran
Ankara
Istanbul
Athens
Rhodes
Malta
Tunis
Algiers
Rome
Naples
Palermo
Marseille
Lisbon
Madrid
Paris
London
Berlin
Vienna
Budapest
Moscow
Leningrad
Stockholm
Oslo
Reykjavik
Dublin
Nairobi
Mombasa
Kampala
Entebbe
Addis Ababa
Asmara
Khartoum
Port Sudan
Jedda
Aden
Djibouti
Tehran
Baghdad
Basra
Damascus
Jerusalem
Cairo
Alexandria
Tripoli
Benghazi
Tobruk
Malta

CAIRO
Time of Sunrise 02.54 G. M. T.
" " Sunset 16.59 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: Monday 20th June, 1949

At 1200 on Sun. 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											
	62303	SÎDI BARÂNI	40	8	50	02	0	0	—	11.8	25	51	14
	62306	MATRÛH	30	3	18	00	0	0	—	11.3	28	40	13
	62309	EL DABA	340	4	35	00	0	0	—	11.1	29	35	12
		ALEXANDRIA	360	4	50	00	0	0	—	11.1	29	40	14
	62318	FOUAD (Airport)	340	14	18	02	0	0	—	11.2	28	42	14
	62330	DAMIETTA	320	2	15	00	0	0	—	10.4	27	62	19
	62333	PORT SA'ID	360	13	30	02	0	0	—	10.8	27	62	19
	62336	EL 'ARISH	320	4	35	01	0	0	—	11.1	25	83	22
Lower Egypt	62339	DAMANHUR	40	5	15	02	0	0	—	11.0	32	30	13
	62342	MANSURA	360	5	35	00	0	0	—	10.4	35	23	11
	62348	TANTA	360	5	35	02	0	0	—	11.1	36	25	13
	62354	ZAGAZIG	320	5	15	00	0	0	—	10.8	36	29	15
	62441	ISMA'ILIA	20	2	35	02	0	0	—	10.6	37	18	9
Cairo Area	62366	FAROUK (Airport)											
	62372	ALMAZA	270	7	30	00	0	0	—	9.6	36	15	6
		EZBEKIYA	360	3	35	00	0	0	—	9.9	36	20	10
		GÎZA	360	3	35	00	0	0	—	10.2	36	16	7
	62378	HELWÂN	340	15	15	06	0	0	—	9.6	36	13	4
Upper Egypt	62381	FAIYÛM	00	0	35	02	0	0	—	9.6	37	13	5
	62387	MINYA	20	14	12	00	0	0	—	9.2	38	21	12
	62393	ASYÛT MANQABAD											
	62399	NAG' HAMMADI	00	0	7	00	0	0	—	5.5	39	15	8
	62402	QENA	360	5	50	00	0	0	—	5.5	42	6	-2
	62405	LUXOR											
	62414	ASWÂN	340	2	50	00	0	0	—	4.3	41	15	9
Oases	62417	SÎWA	00	0	35	00	0	0	—	11.8	42	32	22
	62420	BAHARÎYA	360	2	35	02	0	0	—	9.6	39	14	7
	62423	FARAFRA	360	2	35	02	0	0	—	10.2	40	12	6
	62432	DAKHLA	320	4	50	00	0	0	—	7.5	40	12	6
	62435	KHARGA	20	3	35	00	0	0	—	7.2	40	23	15
Red Sea	62450	SUEZ	360	4	35	02	0	0	—	8.7	36	17	7
	62459	TÛR	310	4	50	00	0	0	—	7.1	31	43	17
	62462	HURGHADA	20	11		00	0	0	—	7.6	28	70	22
	62465	QUSEIR	360	9	15	02	0	0	—	7.1	32	49	20
	62641	PORT SUDÂN											
North Sûdân	62600	WÂDI HALFA											
	62640	ABU HAMAD											
	62660	KAREIMA											
	62680	'ATBARA											
	62721	KHARTÛM											
	62730	KASSALA											
Central Sûdân	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID											
	62760	EL FÂSHER											
	62770	GENEINA											
S. Sûdân	62840	MALAKÂL											
	62880	WÂU											
	62941	JUBA											

At 1800 on Sun. 19th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALUM	40	5	7	03	1	2	Ac,Cc	11.0	23	88	21	0
SÎDI BARÂNI	40	6	35	02	0	0	—	15.8	23	88	21	0
MATRÛH												
EL DABA	40	3	15	00	0	0	—	10.3	24	74	19	0
ALEXANDRIA	00	0	7	00	0	0	—	11.9	24	69	18	0
FOUAD (Airport)	360	3	14	02	0	0	—	11.1	23	74	18	0
DAMIETTA	320	2		02	0	0	—	11.4	24	74	19	0
PORT SA'ID	10	10	18	02	0	0	—	10.9	25	74	20	0
EL 'ARISH			15	02	0	0	—	11.5	26	70	20	0
DAMANHUR	90	5	15	02	0	0	—	11.5	25	61	17	0
MANSURA	360	5		00	0	0	—	11.2	26	48	14	0
TANTA	00	0	35	02	0	0	—	11.2	28	45	15	0
ZAGAZIG	40	2		00	0	0	—	10.6	27	52	16	0
ISMA'ILIA	20	2	15	02	0	0	—	10.6	28	33	10	0
FAROUK (Airport)												
ALMAZA												
EZBEKIYA	40	4	15	00	0	0	—	10.2	30	40	15	0
GÎZA	40	4	15	00	0	0	—	11.1	30	29	10	0
HELWÂN	340	11	15	06	0	0	—	10.0	32	24	9	0
FAIYÛM	00	0	35	02	0	0	—	9.0	31	28	10	0
MINYA	40	9	10	00	0	0	—	8.8	31	31	12	0
ASYÛT MANQABAD												
NAG' HAMMADI	340	2		00	0	0	—	5.4	36	13	4	0
QENA	290	5	7	00	0	0	—	5.5	37	11	2	0
LUXOR	20	6	12	00	0	0	—	4.9	34	18	6	0
ASWÂN												
SÎWA	09	0	35	00	0	0	—	11.8	30			0
BAHARÎYA	360	2	15	02	0	0	—	9.5	35	19	8	0
FARAFRA	340	4	15	02	0	0	—	9.5	34	14	3	0
DAKHLA	320	2	35	00	0	0	—	8.6	36	17	7	0
KHARGA	360	8	15	00	0	0	—	7.1	34	32	15	0
SUEZ	360	4	15	02	0	0	—	10.4	29	29	9	0
TÛR	200	2	35	00	0	0	—	7.3	36	29	15	0
HURGHADA	360	19		00	0	0	—	6.5	31	43	17	0
QUSEIR	330	9	15	02	0	0	—	6.6	30	66	23	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Monday 20th June

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs.	Temp. Dry Bulb	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	40	6	7	02	0	5	Ac	11.0		24	25		20		74	19	0		
SÎDI BARÂNI	20	2	50	03	1	8	Sc,Cs	11.6		24	26		18		83	21	0	278	
MATRÛH	40	2	18	03	4	6	Sc	11.3		24			17		83	21	0		
EL DABA	00	0	15	00	0	0	—	10.4		27	30		16		52	16	0		
ALEXANDRIA	00	0	35	00	0	0	—	10.6	-1.6	27	29	+1	17	-4	62	19	0	267	186
FOUAD (Airport)	90	4	15	02	0	0	—	10.3		25	31		16		74	20	0	265	138
DAMIETTA	110	2		12	0	0	—	11.0	+0.1	26	31		18		74	21	0	319	126
PORT SA'ID	210	3	18	02	0	0	—	11.2		28	31		22		55	18	0	72	
EL 'ARISH	140	2	35	02	0	0	—	11.7	+0.8	25	30	+1	17	-1	83	22	0		94
DAMANHUR	90	5	7	02	0	0	—	11.2	0.0	26	34	+2	19	0	70	20	0	102	101
MANSURA	90	5	35	00	0	0	—	10.6	-0.7	28	37	+3	20	+1	62	20	0	49	55
TANTA	00	0	35	00	0	0	—	10.6	-0.8	27	38	+3	15	-3	35	10	0	34	44
ZAGAZIG	40	5	7	00	0	0	—	11.0	-0.4	27	38	+4	19	+1	55	17	0	21	27
ISMA'ILIA	110	2	7	02	0	0	—	10.3		28	38		20		40	13	0	14	
FAROUK (Airport)																			
ALMAZA																			
EZBEKIYA	360	5	15	00	0	0	—	10.0	-1.4	28	37	+2	20	0	40	13	0	8	26
GÎZA	360	5	15	00	0	0	—	10.3	-1.1	27	38	+3	17	-1	40	12	0	16	27
HELWÂN	00	0	7	06	0	0	—	10.0	-1.2	27	37	+2	22	0	33	9	0	16	29
FAIYÛM	00	0	35	02	0	0	—	9.8	-1.2	29	39	+3	19	-1	35	12	0	8	8
MINYA	00	0	10	00	0	0	—	9.8		26	39		17		55	16	0	5	
ASYÛT MANQABAD	00	0	30	00	0	0	—	9.7		29			20		27	8	0	Dr.	
NAG' HAMMADI	00	0	3	00	0	0	—	8.6	-0.1	30	41		20		40	15	0	0	
QENA	270	2	35	00	0	0	—	8.0	-0.2	31	43	+2	25	+2	31	12	0	Dr.	
LUXOR											42							Dr.	
ASWÂN	360	5	50	00	0	0	—	7.9	-0.5	31			25	-1	28	10	0	2	
SÎWA	00	0	35	00	0	0	—	10.0	-3.3	30	42	+4	20	0	70	24	0	1	8
BAHARÎYA	90	4	35	02	0	0	—	10.0	-1.9	32	42	+6	21	+2	28	11	0	Dr.	7
FARAFRA	220	1	15	02	0	0	—	10.2		30	42		21		25	8	0	Dr.	
DAKHLA	320	3	35	00	0	0	—	9.5	-1.1	31	41	+1	24	+1	22	7	0	Dr.	
KHARGA	00	0	35	00	0	0	—	9.4	+0.3	29	40	+1	26	+3	52	18	0	0	
SUEZ	00	0	35	00	0	0	—	10.3	-0.1	28	38	+3	19	-2	33	10	0	12	17
TÛR	340	6	50	00	0	0	—	8.0	0.0	26	32	-1	22	-1	70	20	0	Dr.	13
HURGHADA	40	5		00	0	0	—	8.2		28	31		26		62	20	0	7	
QUSEIR	360	13	15	02	0	0	—	7.6	-0.3	30	34	+1	25	-1	52	19	0	0	4
PORT SUDÂN	170	1	30	01	0	1	Ac	6.3		33	38		24		56	23	0	35	97
WÂDI HALFA																	0	14	
ABU HAMAD																	0		
KAREIMA	340	3	30	00	0	1	Ac	5.1		31	45		25		9	-5	0	5	2
'ATBARA																	0	8	8
KHARTÛM	200	15	30	01	2	3	Ac,Cc	5.6		31	43		28		41	16	0	13	13
KASSALA	180	9	10	03	1	7	Ac	7.9		29	40		26		49	17	0	44	39
WÂD MEDANI																		80	45
RENK																			138
ROSEIRES	160	5	15	02	2	6	As			25	31		21		79	21	2	171	189
EL OBEID	250	16	30	01	2	5	Ac	8.2		28	38		24		52	17	0	92	57
EL FÂSHER	00	0	30	00	0	0	—			25	38		19		19	0	0	18	25
GENEINA	230	1	30	02	2	7	Cs			26	37		20		32	8	0		58
MALAKÂL	250	3	30	15	2	8	Cu,Ac	10.3		23	30		21		84	20	1	461	278
WÂU	00	0	30	25	8	8	Sc,Ac	9.8		22	34		21		83	19	9	513	475
JUBA	230	5	30	15	6	7	Sc	11.2		22	34		21		94	21	11	424	559

HUMIDITY %

Mean of day

Station	on 19th	Diff. from normal
Alexandria	61	-11
Ezbekiya	42	-13
Gîza	35	-19
Helwân	37	-5

GÎZA
GRASS MINIMUM TEMP.
ON 20th 13.6 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. feet	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. feet	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. feet	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. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 19th

Height m.	Matruh Dir.	Matruh Vel.			Fouad Dir.	Fouad Vel.			Port Said Dir.	Port Said Vel.			Minya Dir.	Minya Vel.										
Time	16				15				14				15											
300	60	7			340	15			300	14			360	21										
600	260	4			310	20			280	22			10	19										
1000	220	13			290	14			260	23			360	23										
1500	280	18			300	24			270	12			10	23										
2000	270	20			320	28			230	5			10	27										
3000					300	33			320	7			350	36										
4000					310	43																		
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 20th

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabad Dir.	Asyût Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Dir.	Vel.
Time	5		4 45		4		3				6 45		3 30		9				5		9			
300	50	4	80	4	150	7	90	3			320	3	40	10	330	3			10	10	340	29		
600	30	6	90	8	40	9	90	7			30	11	40	14	10	9			10	22	340	25		
1000	10	4	20	7	340	6	130	3			360	13	40	9	10	10			20	22	340	17		
1500	230	4	260	8	360	16	310	23			340	23	360	28	350	20			40	26	350	13		
2000	250	11	250	18	310	30					330	33	320	30							10	10		
3000					300	30																		
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time	4 45		5		5		5		5						4						4 15		3 30	
300	150	12	130	10	330	4	10	10	30	14														
600	250	18	120	17	80	10	50	14	50	25					210	17							220	11
1000	280	23	140	11	70	18	50	21	60	22					240	12					350	5	210	10
1500	270	27	290	16	20	17	30	22	40	17					310	7					60	8	150	4
2000			340	26	10	13	10	27	270	11					20	3							110	5
3000									240	16													60	13
4000															60	7								
5000									180	3														
6000									100	6														
7000									360	3														
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

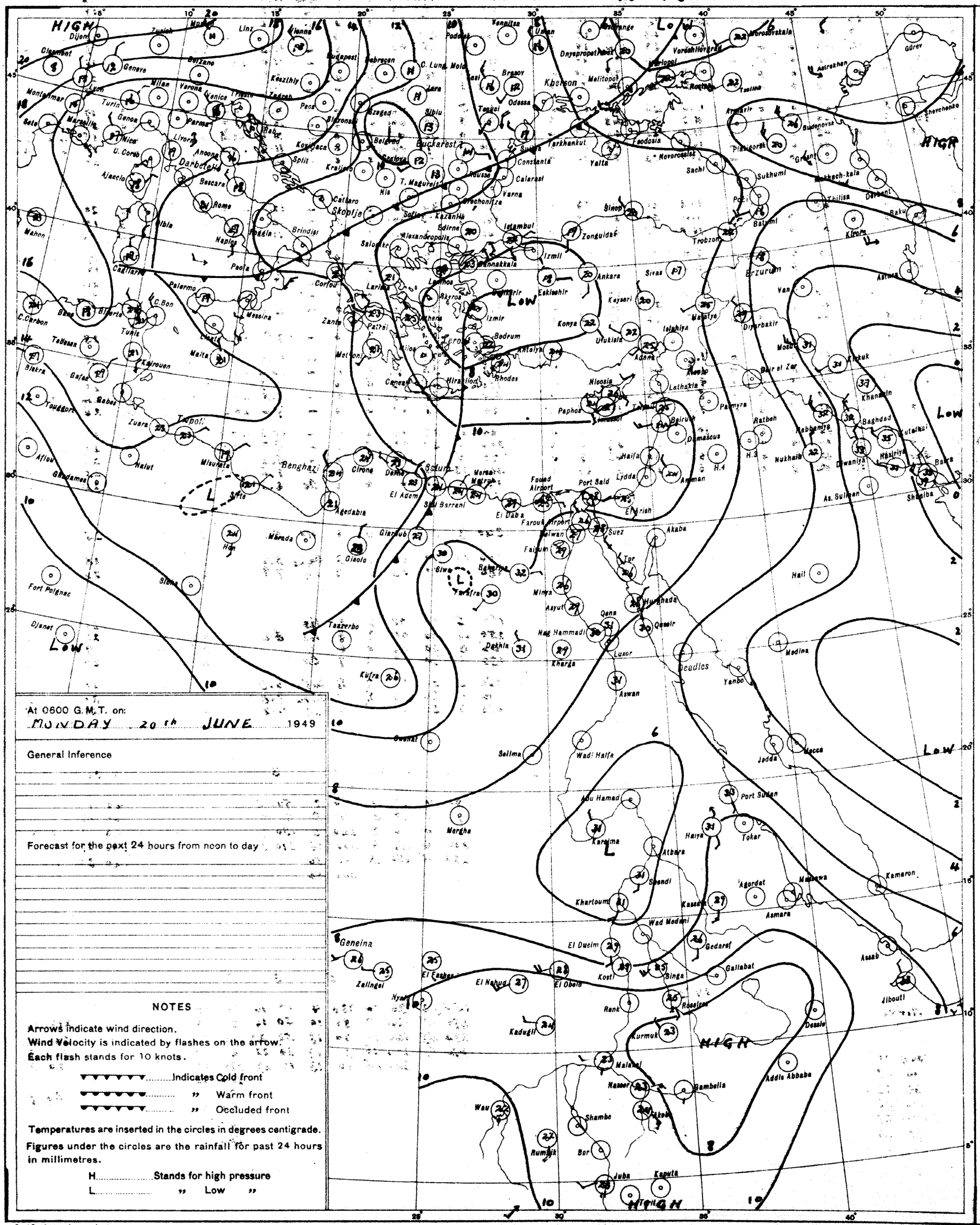
K. N.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 20th June 1949



At 0600 G.M.T. on:
MONDAY 20th JUNE 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction.
Wind velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ ..... Indicates Cold front
▼▼▼▼▼▼ ..... " Warm front
▼▼▼▼▼▼ ..... " Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H ..... Stands for high pressure
L ..... " Low "

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	" or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	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		0
Cirrus	Ci	1
Cirrostratus	Cs	2
Cirrocumulus	Cc	3
Altocumulus	Ac	4
Altostratus	As	5
Stratocumulus	So	6
Nimbostratus	Ns	7
Cumulus or Fractocumulus	Cu or Fc	8
Cumulonimbus	Cb	9
Stratus or Fractostratus	St or Fs	0

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th " " "	2
3/8 " " "	3
4/8 " " "	4
5/8 " " "	5
6/8 " " "	6
7/8 " " "	7
Sky completely covered	8
" obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

3 of E 1948(48/195)(48/450)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 02 54 G. M. T.
" " Sunset 16 59 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: Tuesday 21st June, 1949

At 1200 on Nond. 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	360	17	7	02	0	0	–	11.2	27	55	17
	62303	SÎDI BARÂNI	340	10	50	03	2	8	Cs	11.9	26	74	21
	62306	MATRÛH	40	5	16	00	0	0	–	11.0	26	74	21
	62309	EL DABA	40	4	35	00	0	0	–	10.6	28	62	20
		ALEXANDRIA	00	0	35	00	0	0	–	11.1	25	74	20
	62318	FOUAD (Airport)	360	14	18	02	0	0	–	10.8	28	62	20
	62330	DAMIETTA	90	2	15	00	0	0	–	10.4	29	59	20
	62333	PORT SA'ID	40	9	30	02	0	0	–	10.7	29	59	20
	62336	EL 'ARISH	360	5	35	02	0	0	–	10.7	29	59	20
Lower Egypt	62339	DAMANHUR	310	9	15	02	0	0	–	10.6	34	41	19
	62342	MANSURA	340	5	35	00	0	0	–	9.9	36	20	10
	62348	TANTA	00	0	35	02	0	0	–	10.6	37	14	6
	62354	ZAGAZIG	220	5	15	00	0	0	–	10.6	37	22	12
	62441	ISMA'ILIA	290	2	35	02	0	0	–	10.2	37	18	9
Cairo Area	62366	FAROUK (Airport)	340	10	30	00	0	0	–	9.6	37	14	6
	62372	ALMAZA	340	10	30	00	0	0	–	9.3	37	22	12
		EZBEKIYA	360	4	35	00	0	0	–	9.4	37	22	12
		GIZA	360	4	35	00	0	0	–	9.5	38	17	9
	62378	HELWÂN	340	11	35	02	0	0	–	8.7	38	9	0
Upper Egypt	62381	FAIYÛM	00	0	35	02	0	0	–	8.7	38	13	5
	62387	MINYA	40	13	12	00	0	0	–	8.4	40	19	12
	62393	ASYUT MANQABAD	360	16	30	00	0	0	–	7.3	41	8	0
	62399	NAG' HAMMADI	40	4	7	00	0	0	–	5.4	42	9	3
	62402	QENA	200	9	50	00	0	0	–	5.1	43	8	1
	62405	LUXOR											
	62414	ASWÂN	360	2	50	00	0	0	–	3.9	43	14	10
Oases	62417	SÎWA	00	0	35	00	0	0	–	9.5	42		
	62420	BAHARIYA	270	2	35	02	0	0	–	8.0	43	11	6
	62423	FARAFRA	320	3	35	02	0	0	–	8.8	43	13	9
	62432	DAKHLA	320	13	50	00	0	0	–	6.8	41	8	0
	62435	KHARGA	20	3	35	00	0	0	–	7.4	42	22	16
Red Sea	62450	SUEZ	360	4	35	02	0	0	–	8.3	37	11	2
	62459	TÛR	310	4	35	00	0	0	–	7.5	31	52	20
	62462	HURGHADA	40	7		00	0	0	–	7.2	29	59	20
	62465	QUSEIR	360	9	15	02	0	0	–	7.4	31	66	24
	62641	PORT SUDÂN	80	11	30	00	0	0	–	3.4	37	53	26
North Sudan	62600	WÂDI HALFA	20	11	30	00	0	0	–	4.7	42	5	–5
	62640	ABU HAMAD											
	62660	KAREIMA	40	6	30	00	0	0	–	0.9	45	5	–4
	62680	'ATBARA	200	5	30	00	0	0	–	1.3	42	13	8
	62721	KHARTUM	160	5	30	01	1	1	Ci	2.1	41	16	10
	62730	KASSALA	00	0	30	00	0	0	–	3.5	39	24	15
Central Sudan	62751	WÂD MEDANI											
	62801	RENK	230	9	50	01	1	4	Ci	7.8	33	41	18
	62802	ROSEIRES	130	2	35	01	1	2	Ac		34	36	17
	62771	EL OBEID	280	3	30	02	1	6	Cu, Ci	3.8	38	15	7
	62760	EL FÂSHER											
	62770	GENEINA											
S. Sudan	62840	MALAKÂL	180	3	30	02	8	7	St, Ac	8.3	29	62	21
	62880	WÂU	110	1	30	02	1	8	St, Ac	9.6	27	70	21
	62941	JUBA	230	5	30	02	2	7	Cu, Ac	8.8	30	59	21

At 1800 on Nond. 20th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
62300	SALÛM	00	0	7	02	0	0	–	11.0	24	74	19	0
62303	SÎDI BARÂNI	20	3	9	01	1	0	–	12.6	23	89	21	0
62306	MATRÛH	40	2	13	00	0	0	–	12.3	23	89	21	0
62309	EL DABA	40	2	15	00	0	0	–	9.9	24	83	21	0
	ALEXANDRIA	40	8	3	00	0	0	–	14.0	24	74	19	0
62318	FOUAD (Airport)	20	12	12	02	0	0	–	11.4	23	83	20	0
62330	DAMIETTA	40	2		00	0	0	–	10.8	25	74	20	0
62333	PORT SA'ID	40	10	18	02	0	0	–	11.4	25	74	20	0
62336	EL 'ARISH	320	2	35	02	0	0	–	11.8	26	70	20	0
62339	DAMANHUR	20	5	15	02	0	0	–	11.4	24	83	21	0
62342	MANSURA	20	5		00	0	0	–	11.9	26	62	18	0
62348	TANTA	00	0	35	02	0	0	–	12.0			15	0
62354	ZAGAZIG	40	5		00	0	0	–	11.2	28	70	22	0
62441	ISMA'ILIA	20	2	15	02	0	0	–	10.7	29	37	13	0
62366	FAROUK (Airport)												
62372	ALMAZA	30	10	13	00	0	0	–	9.9	34	32	15	0
	EZBEKIYA	40	3	15	00	0	0	–	11.0	30	52	19	0
	GIZA	40	3	15	00	0	0	–	11.1	31	49	19	0
62378	HELWÂN	340	5	15	02	0	0	–	9.9	33	21	8	0
62381	FAIYÛM	360	2	35	02	0	0	–	8.8	34	22	9	0
62387	MINYA	00	0	10	00	0	0	–	7.9	31	38	15	0
62393	ASYUT MANQABAD												
62399	NAG' HAMMADI	00	0		00	0	0	–	6.6	33	30	13	0
62402	QENA	360	2	7	00	0	0	–	5.6	37	14	6	0
62405	LUXOR	20	9	12	00	0	0	–	5.6	36	7	–6	0
62414	ASWÂN	00	0	50	00	0	0	–	5.1	39	14	7	0
62417	SÎWA	320	9	7	00	0	0	–	9.9	38	53	27	0
62420	BAHARIYA	00	0	15	02	0	0	–	8.7	36	17	7	0
62423	FARAFRA	320	2	15	02	0	0	–	8.2	35	23	11	0
62432	DAKHLA	00	0	35	00	0	0	–	8.3	37	8	–3	0
62435	KHARGA	20	1	15	00	0	0	–	7.8	34	32	15	0
62450	SUEZ	360	3	15	02	0	0	–	9.8	31	28	10	0
62459	TÛR	310	3	35	00	0	0	–	7.5	31	59	22	0
62462	HURGHADA	330	18		00	0	0	–	6.7	31	43	17	0
62465	QUSEIR	360	9	15	02	0	0	–	7.0	29	52	18	0
62641	PORT SUDÂN												
62600	WÂDI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	'ATBARA												
62721	KHARTUM												
62730	KASSALA												
62751	WÂD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID												
62760	EL FÂSHER												
62770	GENEINA												
62840	MALAKÂL												
62880	WÂU												
62941	JUBA												

At 0600 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.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	340	5	7	02	0	2	Ac	13.1		24	29		18		74	19	0		
SÎDI BARÂNI	320	4	50	03	2	2	Cu, Cs	13.5		24	26		16		94	23	0	278	
MATRÛH	360	1	12	00	0	0	–	13.2		24	28		18		70	20	0		
EL DABA	320	1	35	00	0	0	–	12.6		25	28		16		74	20	0		
ALEXANDRIA	330	5	50	00	0	0	–	13.0	+1.0	24	27	–1	21	0	83	21	0	267	186
FOUAD (Airport)	320	4	18	01	4	0	–	12.6		24	28		17		74	21	0	265	138
DAMIETTA	290	2		02	0	0	–	13.0	+2.2	28	31		18		62	20	0	319	106
PORT SA'ID	80	8	14	02	0	0	–	12.2		26	30		22		74	21	0	72	
EL 'ARISH	180	3	35	02	0	0	–	12.7	+1.7	26	32	+3	17	–1	70	20	0		94
DAMANHUR	310	5	7	02	0	0	–	12.7	+1.6	24	35	+3	18	–1	94	23	0	102	101
MANSURA	360	2	35	00	0	0	–	14.3	+3.1	27	37	+3	20	+1	62	19	0	49	55
TANTA	00	0	35	02	0	0	–	13.6	+2.3	26	38	+3	16	–2	55	16	0	34	44
ZAGAZIG	40	5	7	00	0	0	–	12.0	+0.7	28	38	+3	23	+2	62	20	0	21	27
ISMA'ILIA	90	2	7	02	0	0	–	11.6		28	38		21		45	15	0	14	
FAROUK (Airport)																			
ALMAZA	20	6	12	00	0	0	–	11.5	+0.2	28	38		22		45	15	0		
EZBEKIYA	360	14	15	00	0	0	–	11.6	+0.3	29	38	+3	22	+2	46	16	0	8	26
GIZA	360	14	15	00	0	0	–	11.8	+0.5	29	38	+3	20	+2	46	16	0	16	27
HELWÂN	340	3	7	00	0	0	–	11.8	+0.6	26	39	+4	23	+3	55	16	0	16	29
FAIYÛM	00	0	35	02	0	0	–	9.8	–1.1	28	40	+4	22	+2	45	15	0	8	8
MINYA	00	0	10	00	0	0	–	10.5		28	40		19		52	17	0	5	
ASYUT MANQABAD	00	0	30	00	0	0	–	10.4		30			24		25	8	0	Dr.	
NAG' HAMMADI	00	0	3	00	0	0	–	8.8	+0.2	31	43		21		38	15	0	0	
QENA	360	2	35	00	0	0	–	9.0	+0.9	31	44	+3	24	+1	28	10	0	Dr.	
LUXOR											45							Dr.	
ASWÂN	00	0	50	00	0	0	–	9.0	+0.7	32	45	+3	26	0	41	17	0	2	
SÎWA	00	0	35	00	0	0	–	12.0	–1.3	29	45	+7	22	+2	59	20	0	1	8
BAHARIYA	360	2	35	02	0	0	–	11.1	–0.7	31	44	+8	24	+5	43	17	0	Dr.	7
FARAFRA	40	2	15	02	0	0	–	11.0		30	44		22		35	13	0	Dr.	
DAKHLA	00	0	35	00	0	0	–	8.8	–1.8	30	43	+4	23	0	25	8	0	Dr.	
KHARGA	00	0	35	00	0	0	–	9.3	+0.2	34	42	+3	26	+3	36	17	0	0	
SUEZ	360	3	35	00	0	0	–	10.5	+0.2	29	39	+4	21	0	40	14	0	12	17
TÛR	310	2	35	00	0	0	–	9.3	+1.4	27	31	–2	22	–2	83	24	0	Dr.	13
HURGHADA	360	11		00	0	0	–	9.0		29	31		27		46	16	0	7	
QUSEIR	360	9	15	02	0	0	–	8.0	+0.2	30	35	+2	20	0	52	19	0	0	4
PORT SUDÂN	320	1	30	02	1	3	Ac	7.7		33					56	23	0	35	97
WÂDI HALFA	20	1	30	00	0	0	–	7.8		31					19	5	0	14	
ABU HAMAD	00	0	30	03	0	7	Cs	5.7		33					19	6	0		
KAREIMA	20	1	30	02	1	8	Cs	5.7		36					22	11	0	5	2
'ATBARA	230	19	4	05	1	8	Cs	7.5		32					41	17	0	8	8
KHARTUM	210	29	4	07	1	0	–	8.0		30					49	18	0	13	13
KASSALA	200	8	30	00	0	0	–	10.3		38	41		25		25	15	0	44	40
WÂD MEDANI	180	13	50	00	0	2	Ci	9.3		29	39		25		52	18	0	80	46
RENK	230	5	50	02	1	6	Ci	12.0		26	34		20		70	20	0		141
ROSEIRES	210	9	15	02	2	6	Ac			24	34		22		69	18	2	171	194
EL OBEID																	0	92	59
EL FÂSHER																	0	18	25
GENEINA																	0		60
MALAKÂL	110	4	30	02	2	7	Ac	13.6		22	30		21		83	19	Dr.	461	283
WÂU	00	0	30	01	1	8	Ac	11.5		23	28		23		89	21	Dr.	513	481
JUBA	200	13	30	02	6	7	Sc, Ac	15.2		22	30		21		89	20	7	431	564

HUMIDITY % Mean of day

Station	on 20th	Diff. from normal
Alexandria	65	–7
Ezbekiya	42	–13
Gîza	41	–13
Helwân	25	–17

GÎZA GRASS MINIMUM TEMP. ON 21st 17.3 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. feet	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — On ..... At ..... AIRPORT

Pressure mbs.	Height above M.S.L. feet	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. feet	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. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 20th

Height m.	Matruh Dir.	Matruh Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	Port Said Dir.	Port Said Vel.	Minya Dir.	Minya Vel.
Time	14 30		15		15		15	
800	350	9	330	7	30	12	360	20
600	360	7	340	12	140	17	10	26
1000	340	10	30	4	320	14	360	23
1500	300	9	300	10	320	32	340	25
2000	280	20	280	19	300	38	330	21
3000	290	31	290	25				
4000			280	19				
5000			290	22				
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 21st

Station	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyut Manqabad Dir.	Asyut Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Nurqhada Dir.	Nurqhada Vel.	Farouk Dir.	Farouk Vel.
Time	5		4		3		4				6 15		3		8				5		9		3	
Height m.																								
300	350	3	30	3	90	1	80	3			290	6	30	14	10	4			20	4	330	35	30	10
600	20	5	30	3	230	2	30	3			40	17	40	24	30	17			20	13	320	24	40	13
1000	60	3	30	7	170	7	350	9			20	13	30	27	40	18			20	18	330	10	10	11
1500	160	1	350	5			320	17			10	12	10	20	10	13			30	31	360	30	340	17
2000	280	15	270	27							360	16	360	16	10	15			40	24			330	24
3000			270	20											350	22							320	30
4000																								
5000																							300	35
6000																							300	29
7000																								
8000																								

Station	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time	4 45		5		5		5														4 30		3 30	
Height m.																								
300	80	25	60	10	40	2	10	10																
600	100	32	80	18	80	7	30	16															240	10
1000	130	23	70	21	70	14	50	23													190	5	220	6
1500	170	11	90	5	50	20	20	24													270	7	170	11
2000	250	9	20	10			20	24																
3000	320	17	320	13																			50	8
4000			330	21																				
5000																								
6000																								
7000																								
8000																								

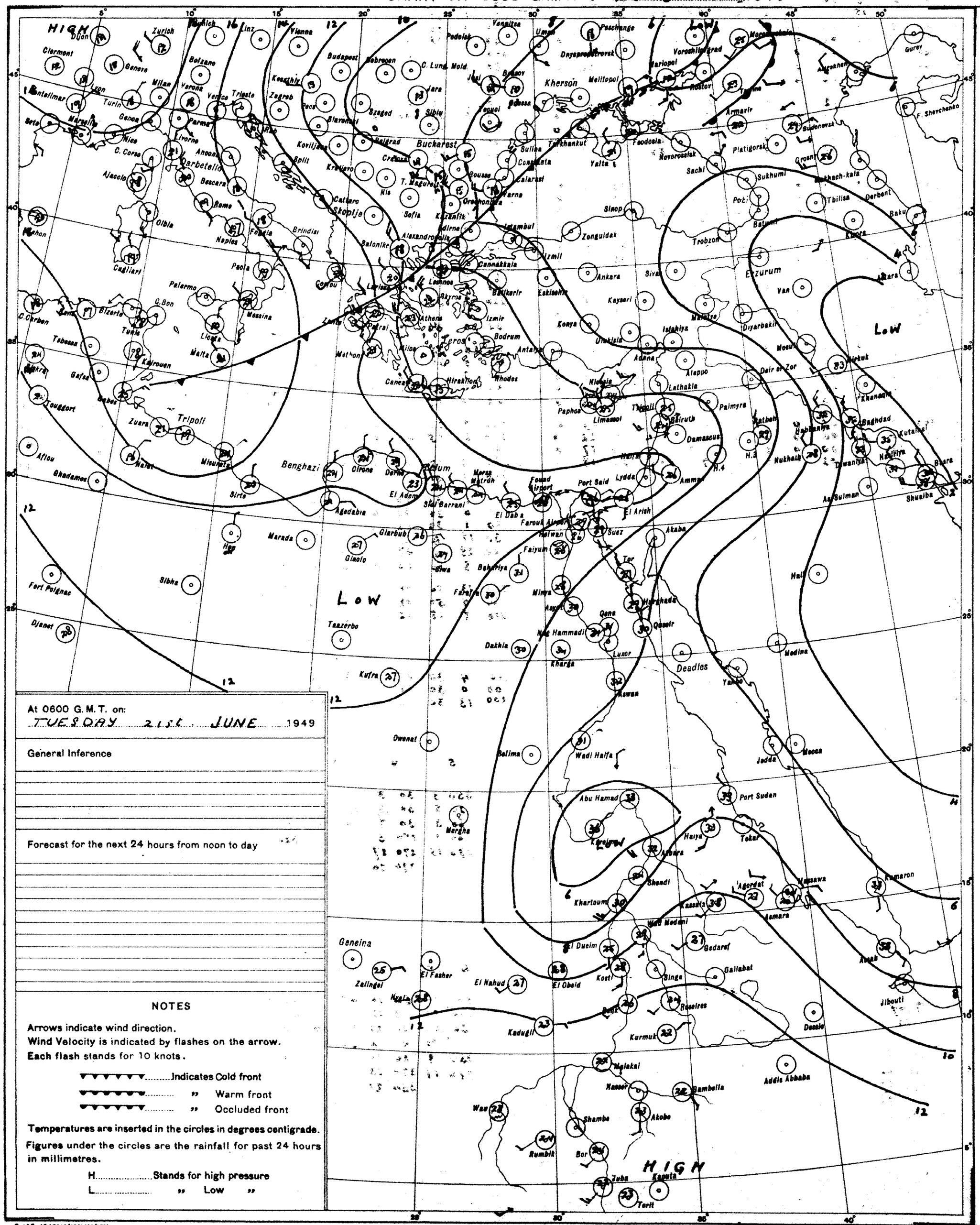
Remarks: 1- Wind Direction in degrees east of North.
2- " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 21st June 1949


HIGH
Zurich
Clermont
Genève
Milan
Turin
Genoa
Marseille
Nice
C. Corse
Ajaccio
Livorno
Ancona
Bari
Brindisi
Naples
Palermo
Messina
Malta
Tunis
Bizerte
Tripoli
Benghazi
Tobruk
Alexandria
Cairo
Port Said
Suez
Aqaba
Jerusalem
Beirut
Damascus
Rhodes
Crete
Athens
Salonika
Istanbul
Ankara
Sinop
Trabzon
Erzurum
Tbilisi
Baku
Odessa
Sevastopol
Kherson
Rostov
Kharkov
Moscow
Kiev
Budapest
Vienna
Bucharest
Sofia
Belgrade
Zagreb
Rome
Madrid
Lisbon
Algiers
Tunis
Khartoum
Port Sudan
Asmara
Addis Ababa
Nairobi
Mombasa
Aden
Jeddah
Medina
Mecca
Baghdad
Basra
Kirkuk
Mosul
Aleppo
Damascus
Beirut
Jerusalem
Cairo
Luxor
Aswan
Khartoum
Wadi Halfa
Abu Hamad
Kassala
Gedaref
Kosti
El Obeid
El Fasher
Geneina
Zalingei
Nyala
Kadugli
Malakal
Bor
Juba
Torit
Kampala
Entebbe
Dakar
Bathurst
Freetown
Accra
Lagos
Kano
Tamanrasset
Ghadames
Sirte
Benghazi
Tobruk
Marsa Matruh
Alexandria
Port Said
Suez
Aqaba
Tor
Hurghada
Qena
Luxor
Aswan
Wadi Halfa
Port Sudan
Tokar
Massawa
Asmara
Aden
Djibouti
Addis Ababa
Dire Dawa
Mogadishu
Nairobi
Mombasa
Kampala
Entebbe
Kisumu
Dar es Salaam
Tanga
Zanzibar
Mahe
Seychelles
Diego Garcia
Cocos Is.
Christmas Is.
Colombo
Trincomalee
Madras
Bombay
Karachi
Quetta
Peshawar
Lahore
Delhi
Calcutta
Rangoon
Bangkok
Singapore
Penang
Kuala Lumpur
Medan
Jakarta
Surabaya
Bandung
Manila
Hong Kong
Canton
Shanghai
Tokyo
Osaka
Nagoya
Sapporo
Vladivostok
Khabarovsk
Irkutsk
Novosibirsk
Omsk
Tashkent
Alma Ata
Tiflis
Erevan
Baku
Tehran
Mashhad
Kabul

CAIRO

Time of Sunrise 02 54 G.M.T.

" " Sunset 16 59 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: Wednesday 22nd June, 1949

AREA	INDEX NUMBER	STATION	At 1200 on Tues. 21st WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	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	12	7	02	0	0	–	13.3	26	62	18
	62303	SÎDI BARÂNI	340	7	50	02	2	0-8	Cs	13.9	24	95	24
	62306	MATRÛḤ	20	6		00	0	0	–	13.3	26	70	20
	62309	EL DABA	320	2	35	00	0	0	–	13.4	27	62	19
		ALEXANDRIA	90	3	50	00	0	0	–	13.0	27	62	19
	62318	FOUAD (Airport)	340	13	18	02	0	0	–	12.6	27	62	19
	62330	DAMIETTA	320	5	15	02	0	0	–	12.6	29	52	18
	62333	PORT SAÏD	10	10	30	02	0	0	–	12.1	29	74	24
	62336	EL 'ARISH	320	5	35	02	0	0	–	12.6	29	70	23
LOWER EGYPT	62339	DAMANHUR	360	9	15	02	0	0	–	12.2	33	38	17
	62342	MANSURA	360	2	35	00	0	0	–	11.4	36	29	15
	62348	TANTA	00	0	35	02	0	0	–	12.4	37	22	12
	62354	ZAGAZIG	320	5	15	00	0	0	–	12.2	36	25	13
	62441	ISMAÏLIA	20	2	35	02	0	0	–	10.7	36	29	15
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMAZA	20	10	30	00	0	0	–	10.4	38	15	7
		EZBEKIYA	360	2	35	00	0	0	–	10.6	37	18	9
		GÎZA	360	2	35	00	0	0	–	11.0	37	18	9
	62378	HELWÂN	340	16	15	06	0	0	–	9.6	38	13	5
UPPER EGYPT	62381	FAIYÛM	360	2	35	02	0	0	–	9.5	39	14	7
	62387	MINYA	360	10	12	00	0	0	–	9.0	42	19	14
	62393	ASYÛT MANQABÂD	360	4	30	00	0	0	–	8.0	43	9	3
	62399	NAG' HAMMÂDI	360	3	15	00	0	0	–	6.2	42	15	10
	62402	QENA	90	5	50	00	0	0	–	6.3	44	9	4
	62405	LUXOR											
	62414	ASWÂN	320	11	50	00	0	0	–	5.1	44	12	8
OASES	62417	SÎWA	00	0	35	00	0	0	–	11.1	45		
	62420	BAHARÎYA											
	62423	FARAFRA	130	3	15	02	0	0	–	8.8	44	18	14
	62432	DAKHLA	00	0	50	00	0	0	–	6.8	42	9	3
	62435	KHARGA	00	0	35	00	0	0	–	7.2	44	21	17
RED SEA	62450	SUEZ	360	3	35	02	0	0	–	8.7	37	18	9
	62459	TÛR	310	8	50	00	0	0	–		33	50	21
	62462	HURGHÂDA	40	6		00	0	0	–	8.3	31	52	20
	62465	QUSEIR	360	9	15	02	0	0	–	8.6	34	47	21
	62641	PORT SÛDÂN	70	10	30	02	1	1	Cu	5.3	39	50	27
NORTH SÛDÂN	62600	WÂDI HALFA	20	15	30	03	2	7	Ci		45	6	-1
	62640	ABU HAMAD	00	0	30	02	2	8	Cs	2.2	45	16	13
	62660	KAREIMA	40	4	30	01	1	3	Ci	2.8	45	5	-2
	62680	'ATBARA	230	5	4	05	1	1	Ac	5.7	42	14	9
	62721	KHARTÛM	230	14		06	0	1	Ac	5.3	38	25	15
	62730	KASSALA	230	2	30	00	0	0	–	5.5	39	23	14
CENTRAL SÛDÂN	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES	160	2	35	00	0	0	–		33	41	18
	62771	EL OBEID	230	13	30	02	1	1	Cu	5.8	35	32	16
	62760	EL FÂSHER	50	5	30	01	1	3	Cu, Ci		30	14	0
	62770	GENEINA											
S. SÛDÂN	62840	MALAKÂL	100	9	30	21	6	7	Cu, Ac	10.0	28	66	21
	62880	WÂU	180	4	30	02	1	7	Ac, Ci	9.8	31	55	21
	62941	JUBA	180	5	30	03	2	3	Cu, Ac	10.2	30	55	20

STATION	At 1800 on Tues. 21st WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.
SALÛM	360	4	7	02	0	0	–	12.1	23	74	18	0
SÎDI BARÂNI	360	8	35	02	2	8	Cs	13.6	23	83	20	0
MATRÛḤ	40	5	13	00	0	0	–	13.0	23	84	20	0
EL DABA	320	2	15	00	0	0	–	11.1	25	70	19	0
ALEXANDRIA	40	4		00	0	0	–	13.3	25	74	20	0
FOUAD (Airport)	20	7	12	02	0	0	–	12.3	23	83	20	0
DAMIETTA	360	5		02	0	0	–	12.4	25	83	22	0
PORT SAÏD	30	9	15	02	0	0	–	12.1	25	83	22	0
EL 'ARISH	40	3	7	02	0	0	–	12.0	25	83	22	0
DAMANHUR	360	5	15	02	0	0	–	12.7	24	83	21	0
MANSURA	20	5		00	0	0	–	13.3	26	62	18	0
TANTA	00	0	35	02	0	0	–	12.5	27	52	16	0
ZAGAZIG	40	5		00	0	0	–	12.4	28	52	17	0
ISMAÏLIA	20	2	15	02	0	0	–	10.7	27	52	16	0
FAROUK (Airport)												
ALMAZA												
EZBEKIYA	70	4	15	00	0	0	–	11.2	30	52	19	0
GÎZA	70	4	15	00	0	0	–	11.0	30	45	17	0
HELWÂN	20	19	15	06	0	0	–	10.3	32	38	16	0
FAIYÛM	20	5	35	02	0	0	–	9.6	34	22	9	0
MINYA	20	11	10	00	0	0	–	8.9	31	38	15	0
ASYÛT MANQABÂD												
NAG' HAMMÂDI	00	0		00	0	0	–	6.2	35	23	11	0
QENA	20	5	7	00	0	0	–	6.8	38	9	0	0
LUXOR	20	13	12	00	0	0	–	5.7	37	7	-4	0
ASWÂN	360	2	50	00	0	0	–	5.3			0	0
SÎWA	00	0	35	00	0	0	–	11.4	37	56	27	0
BAHARÎYA	00	0	15	02	0	0	–	9.3	36	17	7	0
FARAFRA	90	2	7	02	0	0	–	8.2	36	25	13	0
DAKHLA	320	3	35	00	0	0	–	7.1	37	14	6	0
KHARGA	00	0	15	00	0	0	–	7.8	36	29	15	0
SUEZ	360	4	15	02	0	0	–	10.4	29	46	16	0
TÛR	310	3	35	00	0	0	–	8.5	34	36	17	0
HURGHÂDA	340	14		00	0	0	–	7.5	30	52	19	0
QUSEIR	330	9	15	02	0	0	–	7.4	34	36	17	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

STATION	At 0600 on Wednesday 22nd WIND DIRECTION	WIND VELOCITY IN 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	10	7	02	0	0	–	13.1		24	28		20		69	18	0		
SÎDI BARÂNI	360	9	50	02	2	8	Cs	13.6		24	26		21		74	19	0	279	
MATRÛḤ	20	8	18	00	0	0	–	12.6		25	28		20		65	18	0		
EL DABA	360	3	35	00	0	0	–	11.8		25	27		19		70	19	0		
ALEXANDRIA	40	5	50	00	0	0	–	13.5	+1.6	24	28	-1	22	+1	83	21	0	267	186
FOUAD (Airport)	20	9	14	02	0	0	–	11.5		25	29		20		74	20	0	265	138
DAMIETTA	20	2		12	0	0	–	11.9	+1.2	26	30		19		74	21	0	319	126
PORT SAÏD	00	0	18	02	0	0	–	11.4		26	29		24		79	22	0	72	
EL 'ARISH	320	3	35	02	0	0	–	12.0	+1.3	26	32	+3	18	0	74	21	0		94
DAMANHUR	360	9	3	02	0	0	–	11.8	+0.8	26	34	+2	20	+1	74	21	0	102	101
MANSURA	360	9	35	00	0	0	–	11.6	+0.5	28	37	+3	20	+1	62	20	0	49	55
TANTA	00	0	35	02	0	0	–	11.4	+0.2	26	38	+3	17	-1	70	20	0	34	44
ZAGAZIG	40	5	7	00	0	0	–	11.1	-0.1	28	38	+3	20	+2	62	20	0	21	27
ISMAÏLIA	20	2	3	02	0	0	–	10.4		28	38		21		33	10	0	14	
FAROUK (Airport)	60	10	12	00	0	0	–	10.4		27			23		55	17	0		
ALMAZA	40	11	12	00	0	0	–	10.2		27			22		52	16	0		
EZBEKIYA	70	5	15	00	0	0	–	10.7	-0.5	27	38	+3	22	+2	62	19	0	8	26
GÎZA	70	5	15	00	0	0	–	11.0	+0.3	28	38	+3	20	+2	51	17	0	16	27
HELWÂN	20	10	15	00	0	0	–	9.4	-1.7		40	+5	26	+4			0	16	29
FAIYÛM	20	2	35	02	0	0	–	9.1	-1.7	29	44	+8	22	+2	35	12	0	8	8
MINYA	00	0	10	00	0	0	–	8.5		29	42		19		52	18	0	5	
ASYÛT MANQABÂD	00	0	18	00	0	0	–	8.4		35			23		16	6	0	Dr.	
NAG' HAMMÂDI	00	0	3	00	0	0	–	8.8	+0.3	33	43		23		38	17	0	0	
QENA	360	2	35	00	0	0	–	8.8	+0.8	32	45	+4	26	+3	28	11	0	Dr.	
LUXOR	00	0	30	00	0	0	–	8.2		34	45		23		18	6	0	Dr.	
ASWÂN	10	0	50	00	0	0	–	8.3	+0.1	34	45	+3	26	0	29	13	0	2	
SÎWA	30	8	35	00	0	0	–	12.7	-0.5	27	45	+7	22	+2	62	19	0	1	8
BAHARÎYA	00	0	35	02	0	0	–	9.6	-2.0	31	44	+8	25	+6	43	17	0	Dr.	7
FARAFRA	00	0	15	02	0	0	–	8.7		34	46		24		25	11	0	Dr.	
DAKHLA	00	0	35	00	0	0	–	9.0	-1.6	30	45	+6	25	+2	25	8	0	Dr.	
KHARGA	00	0	35	00	0	0	–	8.6	-0.4	31	44	+5	28	+5	41	16	0	0	
SUEZ	360	2	35	00	0	0	–	9.3	-0.9	29	40	+5	22	0	40	14	0	12	17
TÛR	310	2	35	00	0	0	–	8.2	-0.6	26	34	+1	22	-2	83	23	0	Dr.	13
HURGHADA	320	6		00	0	0	–	8.1		29	33		22		49	17	0	7	
QUSEIR	330	13	15	02	0	0	–	9.0	+1.3	32	34	+1	27	+1	43	18	0	0	4
PORT SÛDÂN	290	3	30	01	3	3	Cs	6.9		37	40		25		50	25	0	35	97
WÂDI HALFA	00	0	30	01	1	1	Ci	7.7		31	45		26		19	5	0	14	
ABU HAMAD	310	5	2	05	0	0	–	6.8		35	45		25		30	15	0		
KAREIMA	230	24	4	05	1	0	–	7.3		33	45		31		26	11	0	5	2
'ATBARA	230	13	4	06	1	1	Ac	7.9		32	43		30		28	11	0	8	8
KHARTÛM	200	23	2	07	1	6	Ac, Cs	9.3		28	40		25		40	13	0	13	13
KASSALA	180	9	10	00	0	0	–	10.3		27	40		24		52	16	0	44	42
WÂD MEDANI	230	9	50	02	2			10.2		25							7	87	48
RENK	230	5	50	02	0	8		12.1		22	33		20		95	21	dr		144
ROSEIRES																	6	177	199
EL OBEID	160	13	10	60	9	8	Ac, Ac	11.3		25	37		19		54	15	Dr.	92	60
EL FÂSHER	290	3	30	01	1	3	Ac			27			24		37	11	0	18	26
GENEINA																			62
MALAKÂL	70	2	30	02	2	8	Ac, Ci	14.7		22	29		21		94	21	Dr.	461	288
WÂU	180	1	30	02	1	6	Ac	12.0		26	31		23		79	22	0	513	487
JUBA																	0	431	569

HUMIDITY % Mean of day

STATION	on 21st	Diff. from normal
Alexandria	79	+7
Ezbekiya	47	-8
Giza	43	-11
Helwân	43	+1

GIZA GRASS MINIMUM TEMP. ON 22nd 17.0 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	DRY °C.	WET °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — AIRPORT — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	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. FEET	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. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 21st

STATION			Matruh				Fouad Aj.				Port Said				Minya											
TIME			15 15				16				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.
800			350	8			10	16			360	19			10	20										
600			350	10			360	15			20	14			10	17										
1000			320	3			310	9			360	12			360	19										
1500			340	13			280	11			40	9			10	16										
2000							270	30			50	9			10	16										
3000							260	33			110	6			360	23										
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 22nd

STATION	SÎDI BARÂNI		MATRÛḤ		FOUAD AIRPORT		PORT SAÏD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Farouk	
TIME	5		4		5		3				7 15		3 15		9				5		9		3	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	10	7	350	9	10	9	30	7			50	18	20	13	130	9			10	6	20	7	30	10
600	20	18	360	15	50	9	40	9			60	12	20	16	140	9			20	23	60	12	40	13
1000	10	15	20	13	40	9					220	2	10	25	130	9			40	24	50	13	10	11
1500	290	4	10	8	80	4	20	4					360	22	80	3			50	32	40	10	340	17
2000	220	10	210	20	230	16	360	3					10	30	60	4			20	16	30	11	330	24
3000			260	36	210	35									340	14			30	13	20	29	320	30
4000															340	18								
5000																							300	35
6000																							300	29
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	4 45		5		5		5 30		4						4 15		4				4 30		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	40	26	150	18	130	9	40	8	50	14							180	10						
600	70	29	150	30	110	14	70	15	60	23					210	19	210	20					190	11
1000	90	17	170	30	110	23	70	17	60	23					210	27	230	18			300	11	210	11
1500	250	10			110	30	60	9	70	24					250	18	260	15			310	15	240	7
2000	240	13													300	23								
3000									70	12							360	9			330	4	70	8
4000									280	7														
5000																								
6000									60	11														
7000									120	5														
8000																								

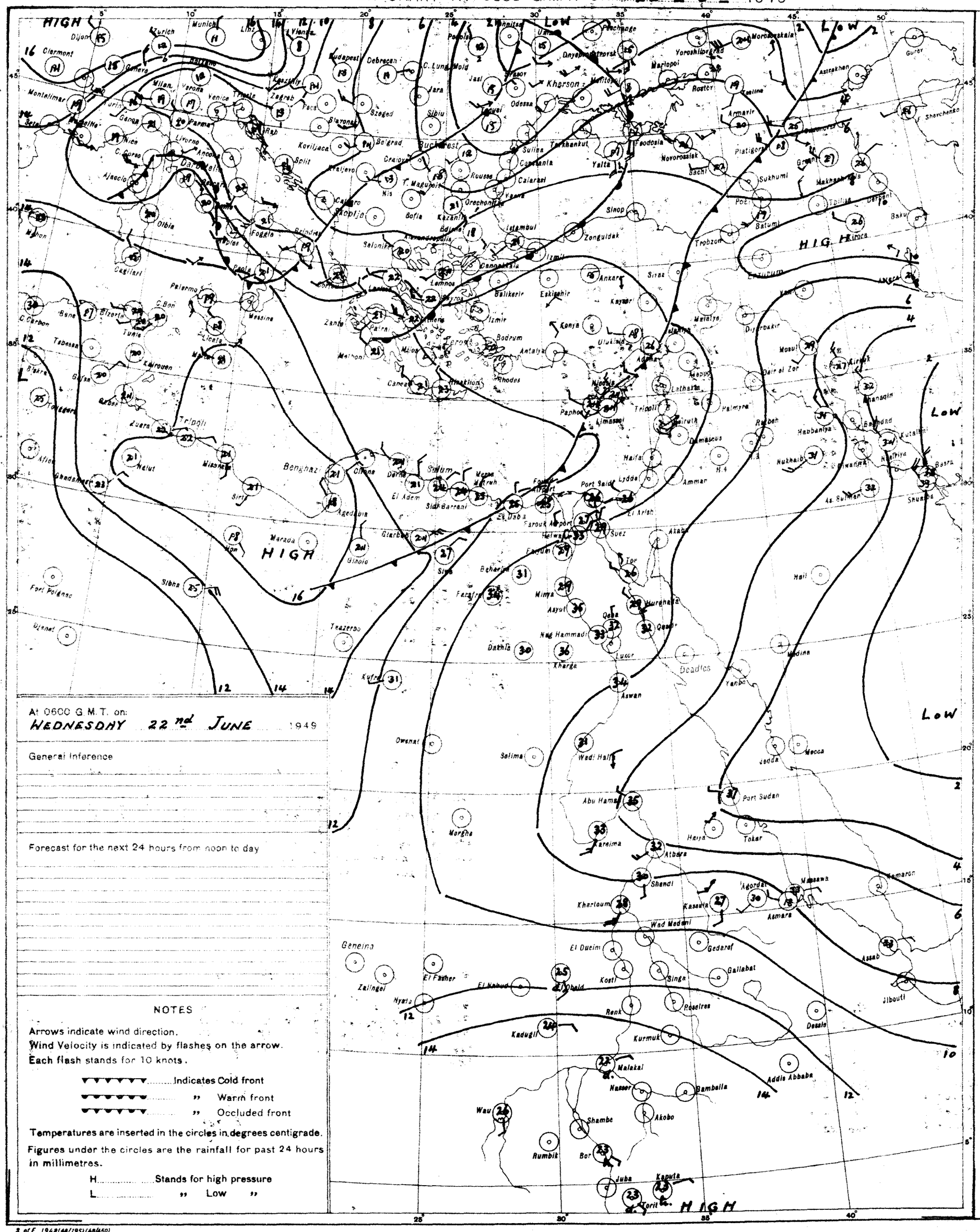
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

K. N.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 22 – 6 – 1949



At 0600 G.M.T. on:
WEDNESDAY 22nd JUNE 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ ..... Indicates Cold front
▼▼▼▼▼▼ ..... " Warm front
▼▼▼▼▼▼ ..... " Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H ..... Stands for high pressure
L ..... " Low "

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	" or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	" " hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
" " hail		87
Rain / Hail	Thunderstorm during the past hour	91 / 93
Thunderstorm with rain		95
" " hail		96
" " Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze (vis less than 1000 m.)	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

Cloudless		—
Cirrus	Ci	1
Cirrostratus	Cs	2
Cirrocumulus	Cc	3
Altocumulus	Ac	4
Altostratus	As	5
Stratocumulus	Sc	6
Nimbostratus	Ns	7
Cumulus or Fractocumulus	Cu or Fc	8
Cumulonimbus	Cb	9
Stratus or Fractostratus	St or Fs	0

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th " " "	2
3/8 " " " "	3
4/8 " " " "	4
5/8 " " " "	5
6/8 " " " "	6
7/8 " " " "	7
Sky completely covered	8
" obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1948(44/195)(48/450)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 02 55 G. M. T.

" " Sunset 18 57 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: Thursday 23rd June, 1949

At 1200 on Wed. 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	15	7	03	1	1	Ac	12.8	25	61	17
	62303	SÎDI BARÂNI	340	13	50	02	2	8	Cs	13.5	25	74	20
	62306	MATRÛḤ	20	13	18	00	0	0	—	12.0	26	62	18
	62309	EL ḌABA	40	2	15	01	0	3	Cu	11.1	27	70	21
		ALEXANDRIA	40	11	50	00	0	0	—	10.6	25	74	20
	62318	FOUAD (Airport)	20	16	18	02	0	0	—	10.6	29	53	19
	62330	DAMIETTA	40	5	15	00	0	0	—	11.2	29	31	10
	62333	PORT SAÏD	40	15	30	02	0	0	—	10.6	28	79	24
	62336	EL 'ARISH	320	13	35	02	0	0	—	10.8	29	66	22
Lower Egypt	62339	DAMANHUR	40	13	15	02	0	0	—	10.7	33	38	17
	62342	MANṢURA	70	9	35	00	0	0	—	9.8	35	32	16
	62348	TANTA	360	8	35	02	0	0	—	9.8	36	29	15
	62354	ZAGAZIG	320	5	15	00	0	0	—	9.5	35	32	16
	62441	ISMAÏLIA	360	5	15	02	0	0	—	8.7	37	22	12
Cairo Area	62366	FAROUK (Airport)											
	62372	ALMÂZA	20	10	30	00	0	0	—	7.8	39	15	8
		EZBEKÎYA	360	4	35	00	0	0	—	7.8	39	21	13
		GÎZA	360	4	35	00	0	0	—	8.6	38	13	6
	62378	ḤELWÂN	360	8	35	02	0	0	—	7.4	40	10	2
Upper Egypt	62381	FAIYÛM	00	0	35	02	0	0	—	7.4	40	15	9
	62387	MINYA	00	0	12	00	0	0	—	6.0	42	24	17
	62393	ASYÛT MANQABÂD	20	3	30	00	0	0	—	5.4	44		
	62399	NAG' ḤAMMÂDI	00	0	15	00	0	0	—	5.3	43	13	9
	62402	QENA	130	2	50	00	0	0	—	5.5	45	10	7
	62405	LUXOR											
	62414	ASWÂN	70	8	50	00	0	0	—	4.4	44	9	4
Oases	62417	SÎWA	00	0	35	00	0	0	—	11.5	36	37	19
	62420	BAḤARÎYA	200	9	35	02	0	0	—	6.7	44	12	8
	62423	FARAFRA	220	5	15	03	1	0	—	5.4	46	17	15
	62432	DAKHLA	00	0	50	00	0	0	—	6.3	44	9	4
	62435	KHARGA	00	0	35	00	0	0	—	6.2	44	21	17
Red Sea	62450	SUEZ	360	3	35	02	0	0	—	7.0	40	15	9
	62459	ṬÛR	310	2	15	00	0	0	—	6.4	31	66	24
	62462	HURGHÂDA	80	8		00	0	0	—	7.6	33	59	24
	62465	QUSEIR	360	9	15	02	0	0	—	7.9	35	37	18
	62641	PORT SUDÂN	90	5	10	18	1	1	Cu	3.6	37	35	19
North Sudan	62600	WÂDI ḤALFA	340	7	30	00	0	0	—	3.8	44	5	-5
	62640	ABU ḤAMAD	00	0	2	06	3	0	—	2.7	43	13	9
	62660	KAREIMA	270	8	2	05	3	0	—	2.6	42	13	8
	62680	'ATBARA	310	2	4	07	0	0	—	3.5	41	17	11
	62721	KHARTÛM	230	1	7	06	0	0	—	5.2	38	19	11
	62730	KASSALA	270	2	30	00	0	0	—	5.1	38	22	13
Central Sudan	62751	WÂD MEDANI	230	5	50	00	0	0	—	4.8	36	27	14
	62801	RENK	230	9	50	01	1	5	Ci		30	55	20
	62802	ROSEIRES	200	5	35	00	0	0	—		30	59	21
	62771	EL OBEID	200	16	10	01	2	6	Ac Cs	7.5	29	37	13
	62760	EL FÂSHER	90	5	30	02	1	6	Ac		38	11	3
	62770	GENEINA											
S. Sudan	62840	MALAKÂL	340	1	50	02	2	3	Cs	9.8	29	62	21
	62880	WÂU											
	62941	JUBA	200	5	10	61	6	8	el	12.5	23	84	20

At 1800 on Wed. 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	340	5	7	02	1	2	Ac	13.1	23	65	16	0
SÎDI BARÂNI	340	6	35	01	1	1	Ac	12.9	23	83	19	0
MATRÛḤ	360	10	14	03	1	4	Sc	12.8	22	82	19	0
EL ḌABA	40	2	15	00	0	0	—	9.8	26	70	20	0
ALEXANDRIA	360	11		00	0	0	—	11.6	24	74	19	0
FOUAD (Airport)	40	14	13	02	0	0	—	10.2	23	74	18	0
DAMIETTA	20	5		02	0	0	—	10.3	25	70	19	0
PORT SAÏD	50	19	15	02	0	0	—	9.6	25	84	22	0
EL 'ARISH	40	13	7	02	0	0	—		25	84	22	0
DAMANHUR	360	9	7	02	0	0	—	12.0	22	78	18	0
MANṢURA	360	13		00	0	0	—	10.2	25	70	19	0
TANTA	00	0	35	02	0	0	—	11.0	27	62	16	0
ZAGAZIG	40	9		00	0	0	—	9.3	26	62	18	0
ISMAÏLIA	20	5		02	0	0	—	8.6	26	62	18	0
FAROUK (Airport)												
ALMÂZA	30	12	12	00	0	0	—	7.4	29	52	18	0
EZBEKÎYA	360	9	15	00	0	0	—	7.8	29	46	16	0
GÎZA	360	9	15	00	0	0	—	7.8	28	48	16	0
ḤELWÂN	20	31	15	02	0	0	—	5.8	31	31	12	0
FAIYÛM	360	2	35	02	0	0	—	5.0	34	32	15	0
MINYA	00	0	10	02	0	0	—	4.2	34	36	17	0
ASYÛT MANQABÂD												
NAG' ḤAMMÂDI	00	0	7	00	0	0	—	4.7	30	35	13	0
QENA	130	2	7	00	0	0	—	7.0	35	19	8	0
LUXOR	90	10	12	00	0	0	—	5.0	38	7	-4	0
ASWÂN	60	4	50	00	0	0	—	4.7	40	9	1	0
SÎWA	360	16	7	00	0	0	—	11.2	31	66	24	0
BAḤARÎYA	360	6	15	02	0	0	—	7.2	31	38	15	0
FARAFRA	220	15		09	3?	1	Ac	6.7	36	25	13	0
DAKHLA	320	13	15	00	0	0	—	5.1	35	20	9	0
KHARGA	00	0	15	00	0	0	—	6.0	35	32	16	0
SUEZ	360	6	15	02	0	0	—	6.0	34	32	15	0
ṬÛR			35	00	0	0	—	6.2	33	44	19	0
HURGHÂDA	180	5		00	0	0	—	6.2	34	36	16	0
QUSEIR	360	9	15	02	0	0	—	6.7	32	38	16	0
PORT SUDÂN												
WÂDI ḤALFA												
ABU ḤAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Thursday 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.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	320	9	7	03	1	1	Ac	13.8		23	26		17		65	16	0		
SÎDI BARÂNI	320	9	50	03	1	4	Sc, Cs	14.2		23	25		20		84	20	0	278	
MATRÛḤ	10	9	18	03	1	3	Cu	15.5		23	27		21		74	18	0		
EL ḌABA	320	5	15	06	0	3	Cu	13.0		24	27		20		61	16	0		
ALEXANDRIA	290	9	50	01	1		Sc, R	12.6	+0.8	24	27	-2	22	+1	69	18	0	267	186
FOUAD (Airport)	360	12	12	02	0	0	—	11.9		24	29		20		69	18	0	263	138
DAMIETTA	340	2	7	00	0	0	—	11.8	+1.2	25	29		21		70	19	0	319	106
PORT SAÏD	20	11	14	02	0	0	—	11.3		25	29		24		74	20	0	72	
EL 'ARISH	320	19	35	02	0	0	—	10.7	+0.1	25	31	+2	19	+1	84	22	0		94
DAMANHÛR	310	9	7	02	1	1	Cu	11.8	+0.9	25	34	+2	20	+1	70	19	0	102	101
MANṢÛRA	320	5	35	00	0	0	—	11.9	+0.9	26	36	+2	21	+2	62	18	0	49	55
TANTA	00	0	35	02	0	0	—	12.1	+1.0	25	36	+1	18	0	61	17	0	34	44
ZAGAZIG	40	5	7	00	0	0	—	12.0	+0.9	27	36	+1	21	+3	62	17	0	21	27
ISMAÏLIA	20	2	3	02	0	0	—	11.2		27	37		23		55	17	0	14	
FAROUK (Airport)	20	9	30	00	0	0	—	11.7		24			20		74	19	0		
ALMÂZA	50	10	13	00	0	0	—	11.6	+0.5	25	40				70	19	0		
EZBEKÎYA	40	6	15	00	0	0	—	12.0	+0.9	25	39	+4	21	+1	61	17	0	8	26
GÎZA	40	6	15	00	0	0	—	11.9	+0.7	25	39	+4	21	+3	64	18	0	16	27
ḤELWÂN	360	13	15	00	0	0	—	11.4	+0.4	25	42	+7	22	+2	54	15	0	16	29
FAIYÛM	20	5	35	02	0	0	—	11.4	+0.7	26	43	+7	22	+2	55	16	0	8	8
MINYA	20	19	10	00	0	0	—	10.6		26	44		23		51	15	0	5	
ASYÛT MANQABÂD	340	9	18	00	0	0	—	10.8		26			24		55	16	0	Dr.	
NAG' ḤAMMÂDI	270	5		00	0	0	—	8.0	-0.5	28	44		22		58	19	0	0	
QENA	240	5	35	00	0	0	—	7.1	-0.8	36	45	+4	24	+1	17	7	0	Dr.	
LUXOR											46							Dr.	
ASWÂN	00	0	50	00	0	0	—	6.7	-1.4	34	45	+3	27	+1	34	16	0	2	
SÎWA	00	0	35	00	0	0	—	15.3	+2.1	32	39	+1	17	-3	49	20	0	1	8
BAḤARÎYA	360	4	35	02	0	0	—	12.0	+0.5	26	46	+10	21	+2	55	16	0	Dr.	7
FARAFRA	360	2	15	02	0	0	—	13.1		26	47		22		42	12		Dr.	
DAKHLA	320	13	15	00	0	0	—	10.6	+0.1	27	46	+7	26	+3	42	13	0	Dr.	
KHARGA	340	4	35	00	0	0	—	10.0	+1.1	29	45	+6	28	+5	52	18	0	0	
SUEZ	360	8	35	00	0	0	—	10.6	+0.5	27	41	+6	23	+1	62	19	0	17	17
ṬÛR	310	3	50	00	0	0	—	8.0	+0.3	26	34	+1	22	-2	84	23	0	Dr.	13
HURGHADA	340	23		00	0	0	—	6.8		27	37		24		66	20	0	7	
QUSEIR	330	9	15	02	0	0	—	6.6	-1.0	33	37	+4	25	-1	38	17	0	0	4
PORT SUDÂN	270	1	30	01	1	1	Ac	5.0		35	40		28		44	21	0	35	97
WÂDI ḤALFA	20	4	30	02	0	2	Ci	6.3		34	45		25				0	14	
ABU ḤAMAD	140	9	30	03	1	7	Ac, Cs	5.5		32	44		24		21	7	0		
KAREIMA	200	7	10	00	0	0	—	5.3		35	44		30		23	11	0	5	2
'ATBARA	230	13		07	1	2	Cs	8.0		30	42		29		40	15	0	8	8
KHARTÛM	200	25	4	07	3	3	Ci	9.6		29	39		26		43	15	0	13	14
KASSALA	160	9	30	00	0	0	—	10.6		27	40		23		48	15	0	44	43
WÂD MEDANI	230	9	50	00	0	0	—	9.6		28	38		23		45	15	0	87	49
RENK	230	5	50	01	1	5	Ci				31		20			22	0		147
ROSEIRES											31		20				7	184	204
EL OBEID	180	11	30	01	2	6	Ac	10.7		26	33		23		62	18	Dr.	92	61
EL FÂSHER																	0	18	27
GENEINA																			64
MALAKÂL	180	5	30	01	3?	3	Ac	12.9		25	30		20		84	22	0.1	461	293
WÂU																		513	493
JUBA	00	0	50	00	0	4	Ci	14.9		23	29				84	20	dr	431	574

HUMIDITY %

Mean of day

Station	on 22nd	Diff. from normal
Alexandria	74	+1
Ezbekiya	50	-5
Giza	47	-8
Helwân	19	-24

GÎZA GRASS MINIMUM TEMP. ON 23rd 18.8 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. feet	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. feet	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. feet	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. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 22nd

Station			Matruh		Fouad Af.		Port Said		Minya							
Time			13 45		15		14		15 30							
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			330	23			20	13			150	21			130	12
600			340	21			30	10			130	11			140	13
1000			340	15			100	5			310	12			150	9
1500			170	10			220	7			320	9			190	9
2000			230	7							300	5			290	7
3000			260	11							310	2				
4000																
5000																
6000																
7000																
8000																

UPPER WIND OBSERVATIONS on 23rd

Station	Sîdi Barâni		Matrûḥ		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farouk	
Time	5		3 45				4				6 45		3		9				5		9		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	11	330	16			360	23			10	11	350	31	330	22			40	7	340	29	10	10
600	320	11	330	16			360	21			30	13	350	31	330	9			10	12	330	19	20	23
1000	330	10	330	16			350	25			340	18	300	23	340	23			10	8	300	9	30	23
1500	320	9	320	27			340	9			340	17	310	13	310	16			360	24	230	6	200	10
2000	310	12					190	2			240	26	270	16	250	17			10	21	260	19	220	24
3000															230	20							220	25
4000																								
5000																							230	53
6000																							230	64
7000																								
8000																								

Station	Sîwa		Baḥarîya		Dakhla		Kharga		Wâdi Ḥalfa		Abû Ḥamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	4 45		5		5								3 30		5				5 15					
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	40	16	20	18	330	16																		
600	40	14	20	23	340	16							70	11	190	19								
1000	50	11			360	23							70	10	190	18			200	25				
1500	330	17											50	10	220	26			250	17				
2000	310	26											40	4	270	13								
3000													350	6										
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

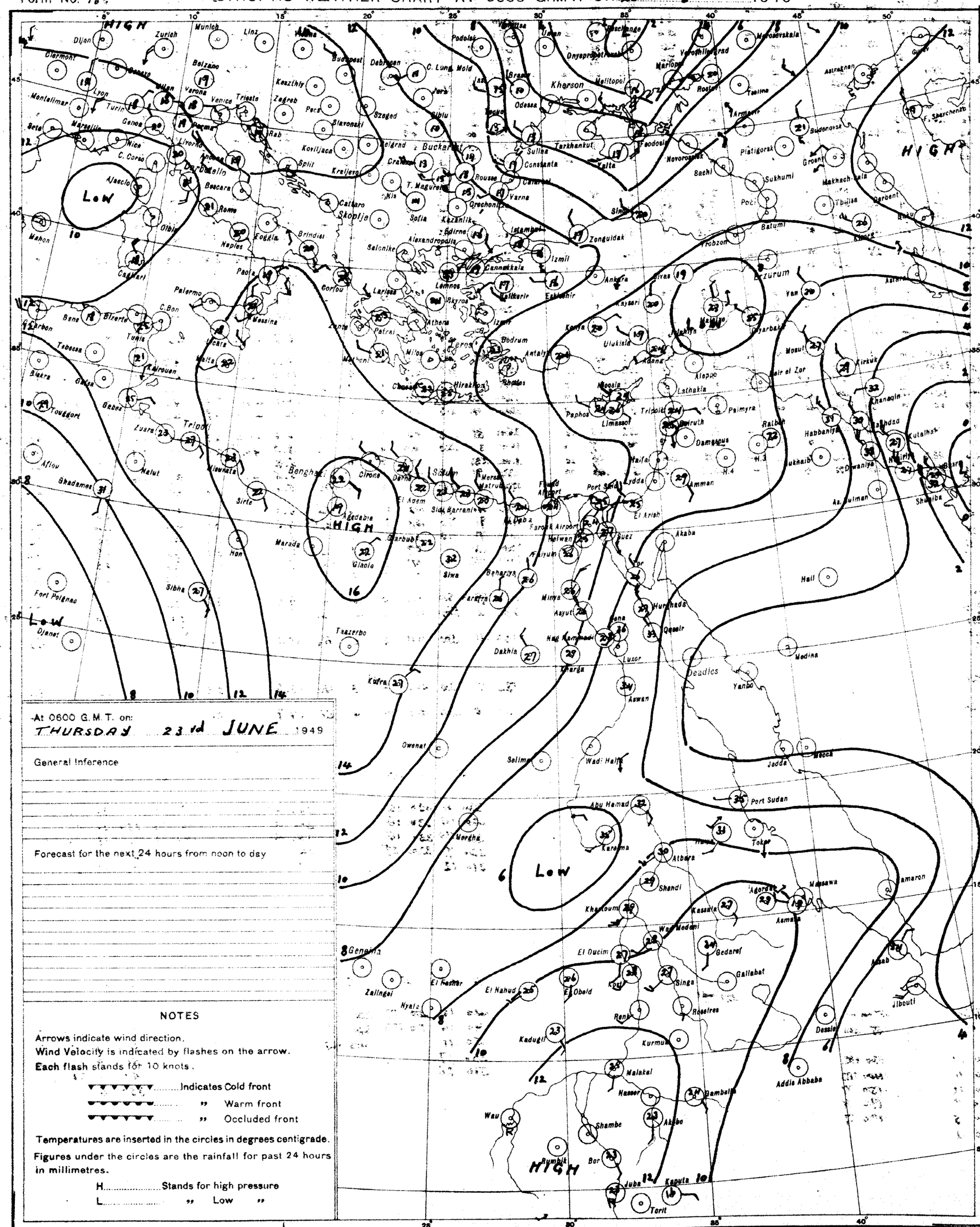
K.N.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 23rd 6 1949


HIGH
LOW
HIGH
LOW
LOW
HIGH
Dijon
Zurich
Munich
Linz
Clermont
Genève
Milan
Bolzano
Montelimar
Lyon
Turin
Genoa
Marseille
Nice
Livorno
Ajaccio
C. Corso
Bastia
Rome
Olbia
Mahon
Cagliari
Palermo
Messina
Bône
Bizerte
Tunis
C. Bon
Tébessa
Kairouan
Biskra
Gafsa
Gabès
Touggourt
Zuara
Tripoli
Nalut
Ghadames
Aflou
Sirte
Misurata
Benghazi
Cirene
Agedabia
Marada
Hon
Sibha
Fort Polignac
Djanet
Tsazerbo
Kufra
Owenat
Merdha
Tokar
Port Sudan
Atbara
Shendi
Khartoum
Kassala
Asmara
Massawa
Gedaref
Gallabat
Singa
Roseires
Renk
Kurmuk
Malakal
Nasser
Gambela
Akobo
Wau
Shambe
Bor
Rumbik
Juba
Kapoeta
Torit
Addis Abbaba
Dessie
Jibouti
Tamaron
Asab
Aden
Mukalla
Dwaniya
Habbaniya
Kut el Amara
Basra
Shuaiba
Ras Tanura
Bahrein
Dhahran
Kuwait
Bushire
Abadan
Khorramshahr
Bandar Shah
Ahwaz
Kirkuk
Mosul
Tel Afar
Khanaqin
Baghdad
Ramadi
Rutbah
Hail
Medina
Mecca
Jedda
Yanbo
Deadies
Qeneh
Luxor
Aswan
Wadi Halfa
Abu Hamad
Berber
Dongola
Merowe
Khartoum
Omdurman
Wad Medani
El Obeid
El Fasher
El Nahud
Zalingei
Nyala
Geneina
Kadugli
Kosti
Fashoda
Malakal
Port Said
Suez
Ismailia
Cairo
Helwan
Fayum
Beni Suef
Minya
Asyut
Hurghada
Qeneir
Akaba
Tor
Haifa
Lydda
Amman
Damascus
Beirut
Palmyra
Latakia
Aleppo
Tripoli
Nicosia
Paphos
Limassol
Rhodes
Antalya
Bodrum
Izmir
Athens
Patras
Corfu
Brindisi
Foggia
Naples
Paola
Cattaro
Skoplje
Salonika
Alexandropolis
Edirne
Istanbul
Izmit
Eskisehir
Ankara
Kayseri
Konya
Ulukisla
Adana
Sivas
Erzurum
Van
Batum
Trebizon
Sinop
Zonguldak
Samsun
Sofia
Kazanlik
Varna
Constanta
Sulina
Tarkhankut
Yalta
Feodosia
Novorossisk
Sukhumi
Poti
Tbilisi
Groznyi
Makhachkala
Derbent
Baku
Astrakhan
Guriev
Tuapse
Sochi
Krasnodar
Rostov
Taganrog
Mariupol
Melitopol
Kherson
Odessa
Ismail
Reni
Galati
Braila
Bucharest
Craiova
Giurgiu
Constanta
Rousse
Varna
Belgrad
Nis
Skopje
Sofia
Zagreb
Szeged
Debrecen
Budapest
Pecs
Slavonski
Koriljaca
Split
Kreljevo
Rab
Venice
Trieste
Verona
Bergamo
Turin
Genoa
Marseille
Nice
Livorno
Ajaccio
Bastia
Rome
Olbia
Mahon
Cagliari
Palermo
Messina
Bône
Bizerte
Tunis

CAIRO
Time of Sunrise 02 55 G. M. T.
" " Sunset 16 59 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: Friday 24th June, 1949

At 1200 on Thurs 23rd

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	360	15	7	02	0	0	–	13.6	25	61	17
	62303	SÎDI BARÂNI	320	11	50	03	2	8	Cu, Cs	14.4	24	79	20
	62306	MATRÛH	20	10	18	02	1	2	Cu	13.8	25	61	17
	62309	EL DABA	340	6	35	00	0	0	–	13.0	25	61	17
		ALEXANDRIA	310	15	50	01	2	3	Cu, Sc	12.6	26	55	16
	62318	FOUAD (Airport)	340	22	18	02	0	0	–	12.1	26	58	17
	62330	DAMIETTA	320	2	15	00	0	0	–	11.6	26	70	20
	62333	PORT SA'ÎD	360	12	18	02	0	0	–	11.4	26	74	21
	62336	EL 'ARISH	320	5	35	02	0	0	–	10.8	27	70	21
Lower Egypt	62339	DAMANHUR	360	13	15	02	0	0	–	11.9	28	52	17
	62342	MANSURA	290	5	35	00	0	0	–	10.8	31	38	15
	62348	TANTA	00	0	35	02	0	0	–	11.9	31	38	15
	62354	ZAGAZIG	320	5	15	00	0	0	–	11.1	33	44	19
	62441	ISMA'ÎLÎA	360	2	15	02	0	0	–	10.2	33	34	15
Cairo Area	62366	FAROUK (Airport)											
	62372	ALMÂZA											
		EZBEKÎYA	330	5	35	00	0	0	–	10.0	32	34	14
		GÎZA	330	5	35	00	0	0	–	10.8	33	30	13
	62378	HELWÂN	320	11	15	02	0	0	–	9.6	33	24	18
Upper Egypt	62381	FAIYÛM	360	5	35	02	0	0	–	10.2	33	30	13
	62387	MINYA	30	16	12	00	0	0	–	9.8	34	36	17
	62393	ASYÛT MANQABÂD	360	14	18	00	0	0	–	8.6	36	15	6
	62399	NAG' HAMMÂDI	270	4	7	00	0	0	–	6.6	37	35	19
	62402	QENA	240	5	50	00	0	0	–	5.6	43	16	12
	62405	LUXOR											
	62414	ASWÂN	340	6	50	00	0	0	–	4.3	44	15	12
Oases	62417	SÎWA	00	0	35	00	0	0	–	14.6	34	63	26
	62420	BAHARÎYA	360	4	35	02	0	0	–	11.0	33	21	8
	62423	FARAFRA	360	6	35	02	0	0	–	11.8	35	19	8
	62432	DAKHLA	320	13	50	00	0	0	–	8.7	35	19	8
	62435	KHARGA	20	2	35	00	0	0	–	8.3	38	31	18
Red Sea	62450	SUEZ	360	8	35	02	0	0	–	8.3	33	34	15
	62459	TÛR	310	6	35	00	0	0	–	7.1	29	66	22
	62462	HURGHÂDA	350	22		03	0	1	Cu	6.0	29	66	22
	62465	QUSEIR	20	9	15	02	0	0	–	6.6	30	79	26
	62641	PORT SUDÂN	120	14	10	07	2	7	Cu, Cs	2.6	37	45	23
North Sudan	62600	WÂDI HALFA	40	4	18	03	1	6	Ci	3.7	45	10	6
	62640	ABU HAMAD	310	2	18	01	1	1	Ci	2.8	45	12	9
	62660	KAREIMA	180	1	7	05	1	8	Cs	2.4	43	6	-2
	62680	'ATBARA	230	5		05	0	0	–	2.0	42	14	9
	62721	KHARTÛM	220	15	10	05	0	0	–	5.7	37	27	15
	62730	KASSALA	230	5	30	03	2	4	Ac	5.7	38	25	15
Central Sudan	62751	WÂD MEDANI	230	5	35	01	0	4	Cu	5.0	38	25	15
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	220	13	30	02	1	6	Cu, Cs	6.3	36	27	14
	62760	EL FÂSHER	180	2	30	01	1	5			34	22	13
	62770	GENEINA	250	5	30	01	1	3	Cu		35	23	11
S. Sudan	62840	MALAKÂL											
	62880	WÂU											
	62941	JUBA	70	2	30	03	1	4	Cu, Cs	8.5	31	55	21

At 1800 on Thurs 23rd

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALÛM	320	8	7	02	0	0	–				18	0
SÎDI BARÂNI	360	5	35	01	2	6	Sc, Cs	15.0	22	89	20	0
MATRÛH	10	8	13	02	1	3	Sc	13.7	22	83	19	0
EL DABA	320	2	15	00	0	0	–	12.7	24	69	18	0
ALEXANDRIA	40	5		03	2	4	Cu, Sc	12.4	23	65	16	0
FOUAD (Airport)	20	10	12	02	0	4	Sc	12.8	23	65	16	0
DAMIETTA	320	2		00	0	0	–	11.8	22	83	19	0
PORT SA'ÎD	360	11	14	02	0	0	–	11.7	24	74	19	0
EL 'ARISH	320	3		03	0	1	Cu	11.8	26	79	22	0
DAMANHUR	360	9	15	02	0	0	–	13.4	23	74	18	0
MANSURA	360	5		00	0	0	–	12.7	24	69	18	0
TANTA	00	0	35	02	0	0	–	12.7	24	61	16	0
ZAGAZIG	40	5		00	0	0	–	12.2	25	70	19	0
ISMA'ÎLÎA	20	2	15	02	0	0	–	11.4	25	61	17	0
FAROUK (Airport)												
ALMÂZA	350	13	12	00	0	0	–	11.2	28	55	18	0
EZBEKÎYA	360	5	15	00	0	0	–	11.8	27	52	16	0
GÎZA	360	5	15	00	0	0	–	11.9	27	46	15	0
HELWÂN	340	12	15	02	0	0	–	10.8	28	45	15	0
FAIYÛM	330	5	35	02	0	0	–	10.3	29	35	12	0
MINYA	360	7	10	00	0	0	–	9.6	26	55	16	0
ASYÛT MANQABÂD												
NAG' HAMMÂDI	270	2		00	0	0	–	6.8	31	38	15	0
QENA	270	5	7	00	0	0	–	6.2	33	34	15	0
LUXOR												
ASWÂN	360	8	50	00	0	0	–	4.8	40	13	7	0
SÎWA	00	0	35	00	0	0	–	13.0	29	70	23	0
BAHARÎYA	360	3	15	02	0	0	–	11.5	29	29	9	0
FARAFRA	360	1	15	02	0	0	–	11.6	28	33	10	0
DAKHLA	320	2	35	00	0	0	–	8.4	36	17	7	0
KHARGA	00	0	15	00	0	0	–	8.4	31	43	17	0
SUEZ	360	6	15	02	0	0	–	11.2	27	52	16	0
TÛR	310	3	50	00	0	0	–		28	62	21	0
HURGHÂDA	320	16	50	00	1	0	–	6.8	30	55	20	0
QUSEIR	360	13	15	02	0	0	–	3.4	30	66	23	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	220	13	30	02	1	6	Cu, Cs	6.3	36	27	14	
EL FÂSHER	180	2	30	01	1	5			34	22	13	
GENEINA	250	5	30	01	1	3	Cu		35	23	11	
MALAKÂL												
WÂU												
JUBA	70	2	30	03	1	4	Cu, Cs	8.5	31	55	21	

At 0600 on Friday 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.	Bar. Pressure Diff. from normal mbs.	Temp. Dry Bulb °C.	Temp. Maximum Yesterday	Temp. Maximum Diff. from normal	Temp. Minimum Today	Temp. Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs. mms.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	40	2	7	03	0	3	Ac	14.0		24	26		17		69	18	0		
SÎDI BARÂNI	320	3	50	03	2	7	Cu, Sc	14.6		23	26		18		84	20	0	278	
MATRÛH	10	2	15	00	1	0	–	13.9		24	27		17		79	20	0		
EL DABA	320	5	35	00	0	0	–	13.1		24	25		19		69	18	0		
ALEXANDRIA	360	6	50	03	2	3	Cu, Sc	13.1	+1.4	24	27	-2	21	0	69	18	0	267	186
FOUAD (Airport)	360	11	18	03	0	2	Sc	12.8		25	27		20		70	19	0	265	138
DAMIETTA	320	2	3	03	1	3	Fa, Fc	12.8	+2.3	24	27		19		74	19	0	319	106
PORT SA'ÎD	30	4	15	01	0	1	Sc	12.3		25	27		22		70	19	0	72	
EL 'ARISH	40	5	35	02	0	1	Cu	12.4	+2.0	25	28	-1	20	+2	74	20	0		94
DAMANHÛR	360	9	7	02	1	3	Cu	13.4	+2.6	24	29	-3	17	-2	74	19	0	102	101
MANSÛRA	360	5	35	00	0	0	–	13.0	+2.1	25	32	-2	15	-4	61	17	0	49	55
TANTA	00	0	35	02	0	0	–	13.5	+2.5	25	31	-4	15	-3	61	17	0	34	44
ZAGAZIG	40	5	7	01	2	0	–	12.8	+1.8	24	34	-1	18	0	67	18	0	21	27
ISMA'ÎLÎA	20	2	3	00	2	6	Sc	12.4		26	33		20		55	16	0	14	
FAROUK (Airport)	20	10	15	00	0	0	–	12.3		23			18		65	16	0		
ALMÂZA	20	11	12	03	1	6	Sc	12.5		23	33		19		53	13	0		
EZBEKÎYA	40	7	15	01	0	2	Cu	12.6	+1.6	24	33	-2	19	-1	69	18	0	8	26
GÎZA	40	7	15	01	0	2	Cu	12.6	+1.5	25	34	-1	19	+1	58	16	0	16	27
HELWÂN	360	12	15	00	0	1	Cu	12.6	+1.7	22	33	-2	19	-1	65	15	0	16	29
FAIYÛM	20	5	35	03	2	0	–	12.7	+2.0	23	35	-1	19	-1	65	16	0	8	8
MINYA	30	15	10	00	0	0	–	11.4		24	35		20		65	17	0	5	
ASYÛT MANQABÂD	300	3	30	00	0	0	–	11.2		24			20		61	16	0	Dr.	
NAG' HAMMÂDI	270	2	3	00	0	0	–	9.0	+0.6	28	38		22		58	19	0	0	
QENA	290	9	35	00	0	0	–	8.4	+0.5	30	44	+3	24	0	40	15	0	Dr.	
LUXOR																		Dr.	
ASWÂN	360	9	50	00	0	0	–	7.5	-0.5	30	45	+3	27	+1	35	13	0	2	
SÎWA	90	6	35	00	0	0	–	14.8	+1.7	24	35	-3	19	-1	84	21	0	1	8
BAHARÎYA	360	5	35	02	0	0	–	13.1	+1.7	22	34	-2	18	-1	74	17	0	Dr.	7
FARAFRA	20	2	15	02	0	0	–	12.7		26	35		19		48	14	0	Dr.	
DAKHLA	90	6	35	00	0	0	–	10.7	+0.3	28	37	-2	24	+1	40	13	0	Dr.	
KHARGA	20	8	35	00	0	0	–	10.0	+1.2	27	38	-1	24	+1	55	17	0	0	
SUEZ	360	8	35	00	0	4	Cu	12.0	+2.0	24	35	0	21	-1	69	18	0	12	17
TÛR	290	2	15	00	0	0	–	9.1	+1.5	26	29	-4	22	-2	74	21	0	Dr.	13
HURGHADA	340	23		00	0	0	–	8.4		26	30		26		62	18	0	7	
QUSEIR	360	13	15	02	0	0	–	7.4	-0.2	29	31	-2	26	0	66	22	0	0	4
PORT SÛDÂN	340	4	10	00	0	0	–	5.6		33	43				56	23	0	35	97
WÂDI HALFA																	0	14	
ABU HAMAD	290	2	30	00	0	0	–	5.1		33	46				23	9	0		
KAREIMA	200	9	10	00	0	1	Ac	6.1		34	45				30	14	0	5	2
'ATBARA	230	13		07	3	1	Ac	6.5		30	44				46	17	0	8	8
KHARTÛM	180	25	10	05	3	3	Ci	9.5		29	39				43	15	0	12	14
KASSALA	160	13	10	01	1	7	Cs			25	39				61	17	0	44	44
WÂD MEDANI	200	9	35	02	1	7	Ci	8.4		30	39				43	16	0	87	50
RENK																	0		150
ROSEIRES																	0	184	209
EL OBEID																	0	92	63
EL FÂSHER	160	2	30	03	1	7	Ac			27	35				42	13	Dr.	18	28
GENEINA																			66
MALAKÂL																	0	461	298
WÂU																	0	513	499
JUBA																	0	431	579

HUMIDITY

Mean % of day

Station	on 23rd	Diff. from normal
Alexandria	65	-8
Ezbekiya	54	-2
Gîza	52	-3
Helwân	47	+4

GÎZA

GRASS MINIMUM TEMP. ON 24th 16.4 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. feet	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — On ..... At ..... AIRPORT

Pressure mbs.	Height above M.S.L. feet	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. feet	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. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 23rd

Station	Matruh		Fouad A/p		Port Sa'id		Minya	
Time	14 30		15		14		15	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	360	28	340	47	340	23	10	29
600	320	19	340	38	320	9	10	25
1000	320	27	330	32	320	15	360	22
1500			340	7	270	14	350	31
2000			280	15	270	28	340	24
3000			260	15	250	17		
4000			240	13				
5000			250	16				
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 24th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'îd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farouk	
Time	5		4 30		3 45		3						5 30		8 45						9		3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	360	2	300	8	330	10	340	8					10	23	310	10					340	15	20	14
600	60	3	20	13	350	10	350	7					10	25	340	11					320	18	30	15
1000	80	4	20	11	10	18	10	7					320	22	340	15					310	13	20	12
1500	30	4	20	10	10	21							320	23							200	15	310	5
2000	330	6	330	10	350	10							310	9							210	15	250	7
3000	320	7											210	9							230	13	230	7
4000	200	3																						
5000	330	4																						
6000																							230	22
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	4 45		5		5		6		3						4		4				4 30			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	90	13	40	14	90	4	20	25	360	17														
600	70	16	40	20	40	3	20	33	30	25					160	4	170	17						
1000	30	12	10	17	360	17	10	36	20	22					170	28	160	12			190	4		
1500	20	16	350		330	19	350	20	350	15					200	19	240	11			240	9		
2000	20	13			320	16	330	17																
3000	340	13							130	4							330	8			40	18		
4000	300	13																						
5000	290	17																						
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

CAIRO
Time of Sunrise 02 55 G. M. T.
" " Sunset 17 00 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: Saturday 25th June, 1949

At 1200 on Friday 24th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALÛM	20	10	7	02	0	0	—	13.9	28	45	15
	62303	SÎDI BARÂNI	360	8	50	03	2	8	Sc,Ci	14.4	25	51	14
	62306	MATRÛH	20	8		00	0	0	—	13.8	26	62	18
	62309	EL DABA	320	3		00	0	0	—	14.3	27	55	17
		ALEXANDRIA	360	9	50	03	2	0	—	13.0	26	70	20
	62318	FOUAD (Airport)	10	14	18	03	1	1	Sc	12.7	27	62	19
	62330	DAMIETTA	340	2	16	01	0	0	—	11.8	26	55	16
	62333	PORT SA'ÎD	20	9	30	02	0	0	—	11.6	27	62	19
	62336	EL 'ARISH	360	9	35	01	0	0	—	11.1	26	70	20
LOWER EGYPT	62339	DAMANHUR	40	13	15	02	1	2	Cu	12.7	30	40	15
	62342	MANŞURA	20	13	35	00	0	0	—	11.5	30	33	12
	62348	TANTA											
	62354	ZAGAZIG	40	5	15	01	0	0	—	12.4	32	38	16
	62441	ISMAÎLÎA	40	2	15	02	0	0	—	11.8	32	28	11
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMÂZA											
		EZBEKÎYA	30	5	35	00	0	0	—	10.2	31	31	12
		GÎZA	30	5	35	00	0	0	—	11.1	31	28	10
	62378	HELWÂN	360	10	15	06	0	0	—	9.8	31	22	7
UPPER EGYPT	62381	FAIYÛM	20	5	35	01	0	0	—	9.8	31	28	10
	62387	MINYA	10	13	12	00	0	0	—	9.6	32	38	16
	62393	ASYÛT MANQABÂD	340	12	30	00	0	0	—	8.5	33	16	4
	62399	NAG' HAMMÂDI	270	5	15	00	0	0	—	6.8	35	29	14
	62402	QENA	290	5	50	00	0	0	—	6.0	40	19	12
	62405	LUXOR											
	62414	ASWÂN	360	9	50	00	0	0	—	4.6	42	16	11
OASES	62417	SÎWA	00	0	35	00	0	0	—	14.0	33	79	29
	62420	BAHARÎYA	360	3	35	02	0	0	—	11.1	32	24	9
	62423	FARAFRA	360	4	35	02	0	0	—	11.2	34	18	6
	62432	DAKHLA	320	10	50	00	0	0	—	9.1	33	21	8
	62435	KHARGA	20	2	35	00	0	0	—	8.6	35	32	16
RED SEA	62450	SUEZ	360	8	35	01	0	0	—	8.8	31	31	12
	62459	TÛR	310	4	35	00	0	0	—	7.1	28	62	20
	62462	HURGHÂDA	360	17		00	0	0	—	6.9	27	74	22
	62465	QUSEIR	360	13	15	02	0	0	—	7.1	30	66	23
	62641	PORT SÛDÂN	80	9	7	07	0	0	—	2.4	36	40	20
NORTH SÛDÂN	62600	WÂDI HALFA	350	17	10	07	1	4	Ci	4.7	41	10	3
	62640	ABU HAMAD	350	2	30	01	0	1	Ac	1.2	43	15	11
	62660	KAREIMA	270	5	1	06	4	9		2.0	42	16	11
	62680	'ATBARA	250	9	1	05	4	9		1.0	41	17	11
	62721	KHARTÛM	220	15	7	06	0	0	—	3.2	39	27	12
	62730	KASSALA	230	2	30	03	1	0	—	2.0	37	27	15
CENTRAL SÛDÂN	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	230	6	30	01	6	7	Ac	5.7	30	35	13
	62760	EL FÂSHER	50	5	30	00	0	0	—		37	10	0
	62770	GENEINA	130	3	30	01	1	4	Ci		35	23	11
S. SÛDÂN	62840	MALAKÂL	230	1	30	02	1	7	Cu,Ac	7.9	31	52	20
	62880	WÂU											
	62941	JUBA											

At 1800 on Friday 24th

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.
SALÛM	20	3	7	02	0	0	—	13.9	23	84	20	0
SÎDI BARÂNI	20	2	35	01	1	0	—	13.9	23	89	21	0
MATRÛH	360	2	13	00	0	0	—	13.0	23	74	18	0
EL DABA	360	2		00	0	0	—	12.9	25	61	17	0
ALEXANDRIA	330	11	3	03	2	4	Cu,Sc	12.3	23	65	16	0
FOUAD (Airport)	360	14	12	03	0	4	Sc	11.8	23	69	17	0
DAMIETTA	340	2		00	0	0	—	11.0	24	74	19	0
PORT SA'ÎD	10	13	15	03	0	0	—	11.0	24	84	21	0
EL 'ARISH	320	2	35	02	0	0	—	12.0	25	84	22	0
DAMANHUR	310	9	15	02	0	0	—	12.3	23	84	20	0
MANŞURA	20	5		00	0	0	—	11.5	24	61	16	0
TANTA												
ZAGAZIG	40	5		00	0	0	—	11.0	25	61	17	0
ISMAÎLÎA	20	2	7	02	0	0	—	13.3	25	54	15	0
FAROUK (Airport)												
ALMÂZA												
EZBEKÎYA	360	4	15	00	0	0	—	10.7	27	42	13	0
GÎZA	360	4	15	00	0	0	—	11.1	27	43	13	0
HELWÂN	360	16	15	06	0	0	—	10.0	27	37	11	0
FAIYÛM	360	2	35	02	0	0	—	9.0	29	27	13	0
MINYA	360	8	10	00	0	0	—	8.7	26	39	24	0
ASYÛT MANQABÂD												
NAG' HAMMÂDI	270	2	7	00	0	0	—	6.4	29	40	14	0
QENA	240	9	7	00	0	0	—	6.0	31	31	12	0
LUXOR	00	0	12	00	0	0	—	5.7	31	24	8	0
ASWÂN	360	4		00	0	0	—	5.5	37	14	6	0
SÎWA	00	0	7	00	0	0	—	12.7	29	66	22	0
BAHARÎYA	360	2	15	02	0	0	—	10.6	29	35	12	0
FARAFRA	360	2	15	02	0	0	—	10.6	27	33	9	0
DAKHLA	320	6	35	00	0	0	—	8.3	28	33	10	0
KHARGA	00	0	15	00	0	0	—	8.8	28	40	13	0
SUEZ	360	12	15	02	0	0	—	9.9	26	66	19	0
TÛR	310	3	35	00	0	0	—	6.8	28	58	19	0
HURGHÂDA	330	20		00	0	0	—	5.9	28	58	19	0
QUSEIR	330	9	15	02	0	0	—	6.2	28	70	22	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Saturday 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.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL Total From Oct. 1st.	RAINFALL Normal From Oct. 1st.
SALUM	40	1	7	02	1	0	—	13.0		25	28		16		74	20	0		
SÎDI BARÂNI	00	0	2.5	10	4	7	Sc	13.4		22	26		15		95	22	0	278	
MATRÛH	30	5	18	00	0	0	—	12.3		25	27		18		70	19	0		
EL DABA	40	3	15	01	1	3	Cu	11.5		25	27		20		61	17	0		
ALEXANDRIA	20	5	50	03	2		Cu,Ci	11.6	0.0	22	27	-2	21	0	74	11	0	267	186
FOUAD (Airport)	20	10	18	01	1	1	Sc	11.4		25	27		19		61	17	0	265	139
DAMIETTA	40	2		00	0	0	—	11.4	+1.0	25	27		17		61	17	0	319	166
PORT SA'ÎD	50	3	14	02	0		Sc	11.3		25	27		22		70	19	0	73	
EL 'ARISH	140	2	35	02	0	0	—	12.2	+1.9	27	27	-2	17	-2	62	19	0		94
DAMANHÛR	310	9	7	02	0	0	—	11.8	+1.1	24	31	-1	18	-1	74	19	0	102	101
MANŞURA	40	5	35	00	0	0	—	11.6	+0.8	26	32	-3	19	0	62	18	0	49	55
TANTA																		34	44
ZAGAZIG	40	5	7	01	2	2	Ac	11.2	+0.3	25	33	-2	18	0	74	20	0	21	27
ISMAÎLÎA	20	2	7	00	1	2	Ac	11.1		26	32		20		62	18	0	14	
FAROUK (Airport)	50	4	12	00	0	0	—	11.3		21			18		88	19	0		
ALMÂZA	40	9	13	01	1	6	Sc	10.8		23			18		78	19	0		
EZBEKÎYA	40	9	15	01	0	1	Cu	11.0	+0.1	24	32	-3	19	-1	69	18	0	8	26
GÎZA	40	9	15	01	0	1	Cu	11.2	+0.2	25	32	-3	17	-1	62	17	0	16	27
HELWÂN	20	9	15	06	0	0	—	10.7	-0.1	24	33	-2	19	-2	61	16	0	16	29
FAIYÛM	360	2	35	02	0	0	—	9.6	-1.0	24	33	-3	19	-1	69	18	0	8	8
MINYA	10	5	8	00	0	0	—	10.3		24	34		20		65	17	0	5	
ASYÛT MANQABÂD	340	2	30	00	0	0	—	9.9		25			20		51	14	0	Dr.	
NAG' HAMMÂDI	270	3	3	00	0	0	—	7.6	-0.8	27	36		20		52	16	0	0	
QENA	290	5	35	00	0	0	—	7.4	-0.4	26	41	0	23	-1	48	14	0	Dr.	
LUXOR	00	0	30	00	0	0	—	7.1		30	40	-1	21		33	12	0	Dr.	
ASWÂN	360	3				0	—	7.8	-0.2	30	43	+1	25	-1	17	2	0	2	
SÎWA	00	0	35	00	0	0	—	13.2	+0.1	26	35	-3	16	-4	62	18	0	1	8
BAHARÎYA	360	5	35	02	0	0	—	12.3	+1.0	23	34	-2	17	-2	65	16	0	Dr.	7
FARAFRA	360	2	35	02	0	0	—	12.3		25	35		17		42	11	0	Dr.	
DAKHLA	00	0	35	00	0	0	—	9.9	-0.5	27	35	-4	21	-2	42	13	0	Dr.	
KHARGA	20	4	35	00	0	0	—	9.5	+0.8	27	36	-3	23	0	55	17	0	0	
SUEZ	360	11	35	00	0	0	—	10.3	+0.4	25	34	-1	19	-3	61	17	0	12	17
TÛR	310	2	35	00	0	0	—	8.1	+0.6	25	28	-6	21	-3	74	20	0	Dr.	13
HURGHÂDA	330	22		00	0	0	—	7.7		26	29		25		58	17	0	7	
QUSEIR	360	13	15	02	0	0	—	6.8	-0.7	28	31	-2	25	-1	58	19	0	0	4
PORT SÛDÂN	320	1	7	05	1	4	Ci	4.9		33	40		27		53	22	6	41	97
WÂDI HALFA																	0	14	
ABU HAMAD	20	9	30	00	0	0	—	3.8		34	45		31		19	7	0		
KAREIMA	340	3	30	00	1	0	—	6.3		31	44		28		21	6	0	5	2
'ATBARA	230	13	1	07	1	2	Cs	6.7		30	42		29		40	15	0	8	8
KHARTÛM	190	23	7	07	0	3	Ci	7.3		31	40		28		33	13	0	13	14
KASSALA	180	13	30	00	0	0	—	7.3		29	37		23		49	17	0	44	46
WÂD MEDANI	180	13	50	02	1	7	Ci	7.4		29	39		25		49	17	0	87	52
RENK																	0		153
ROSEIRES	310	5	15	02	2	6	St,Ac			27	33		21		55	17	7	191	214
EL OBEID																	3	95	64
EL FÂSHER	00	0	30	02	0	3	Ac,Ci			26	39		24		51	15	0	18	29
GENEINA	230	11	30	01	1	4	Ac			25	38		23		70	19	0		68
MALAKÂL	200	8	30	03	1	4	Cc	10.9		25	34		21		79	21	Dr.	461	303
WÂU																		513	505
JUBA	270	5	1.5	54		7	Cu,Ci			23	32		21		78	19	6	437	584

HUMIDITY %

Mean of day

STATION	on 24th	Diff. from normal
Alexandria	66	-7
Ezbekiya	57	+1
Gîza	47	-8
Helwân	45	+2

GÎZA

GRASS MINIMUM TEMP. ON 25th 15.0 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	DRY °C.	WET °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks .....

RAWINSONDE — ..... AIRPORT — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	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. FEET	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. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 24th

STATION	Matruh				Fouad Ap.				Port Said				Minya			
TIME	15				15				14				15			
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	350	8			230	13			350	12			350	28		
600	340	13			230	22			340	12			350	19		
1000	330	12			240	17			340	10			10	18		
1500	20	20			250	10			360	5			360	21		
2000	10	13			290	3			40	4			360	13		
3000					230	9			120	3						
4000																
5000																
6000																
7000																
8000																

UPPER WIND OBSERVATIONS on 25th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		MURGHADA		Farouk	
TIME	6		4		5						6 30		3		9				5		9		3	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	20	6	340	10	330	13					30	13	10	29	330	8			360	4	320	23	30	12
600	20	9	10	12	330	22					40	12	340	27	340	8			350	18	340	15	40	13
1000	30	10	20	27	340	17					60	23	320	21	310	3			260	5	360	4	40	10
1500	30	8	10	26	350	10					80	10	240	3	160	5			140	3	210	7	110	6
2000	10	8	20	13	300	3							60	4					160	6	180	13	100	6
3000	40	5	30	16	300	9							110	5							300	23	40	4
4000																								
5000																							190	12
6000																							220	30
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	5		5		5		5		3												4 30		3 30	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	90	16	10	27	40	6	360	16	20	12														
600	80	22	20	30	10	7	360	18	30	24														
1000	70	13	30	18	360	20	360	24	10	11											00	0	210	19
1500	340	12	350	24	340	27	10	14	330	15											10	6	240	11
2000	340	20					10	4	240	15														
3000	40	15					50	4	200	17											40	18	70	27
4000							180	3																
5000							230	13															90	15
6000							210	11	230	26														
7000							190	12																
8000							100	16																

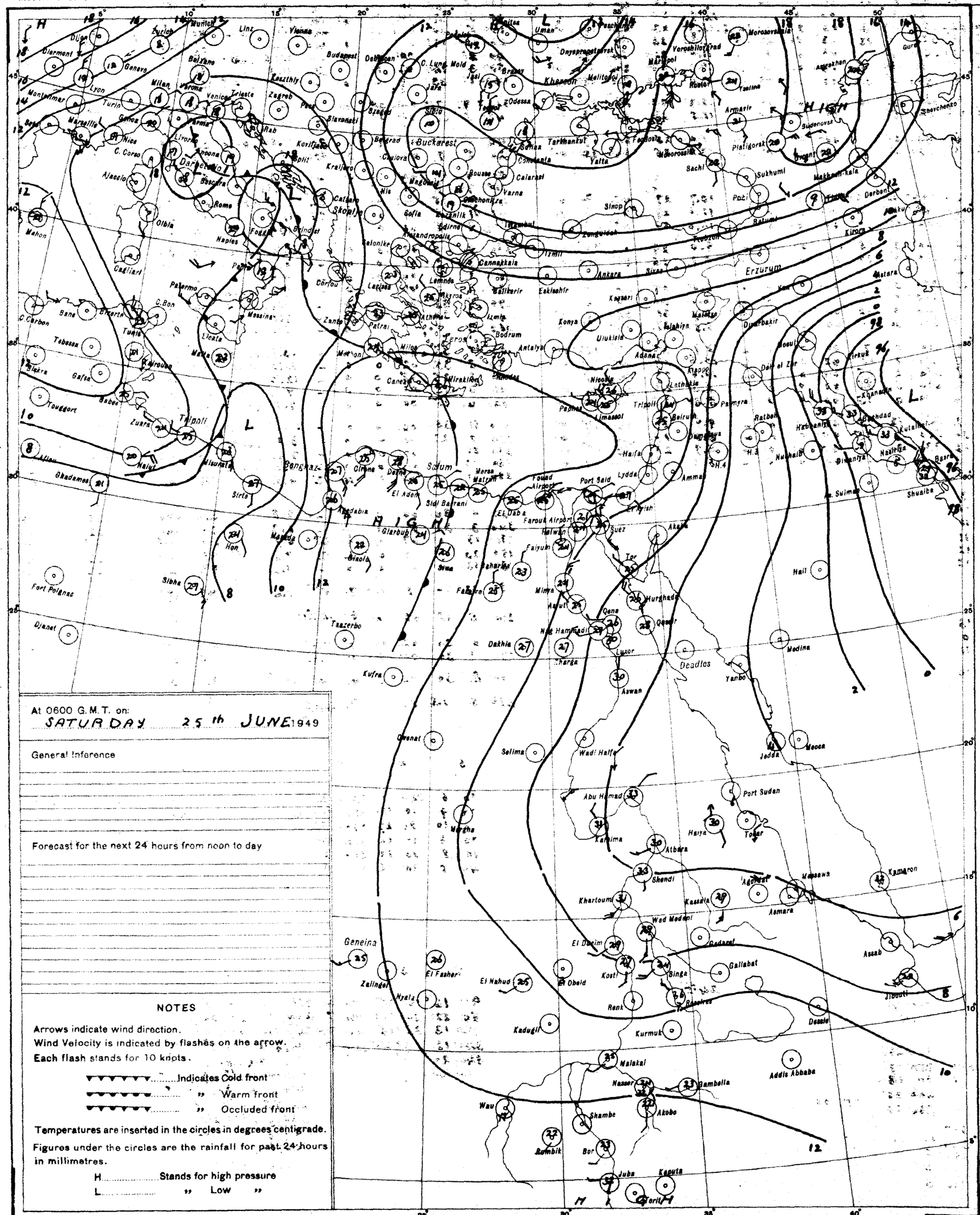
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

K. N.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 25 th 6 1949


HIGH
HIGH
Buckarest
Khersoon
Erzurum
Tripoli
Benghazi
Sidi Barrani
Port Said
Suez
Port Sudan
Khartoum
Geneina
Nairobi
Addis Abbaba
Mecca
Jedda
Medina
Deadlos
Luxor
Aswan
Wadi Halfa
Kassala
Asmara
Massawa
Gallabat
Kurmuk
Malakal
Juba
Kaputa
Wau
Shambe
Akobo
Bor
Rumbik
Kadugli
El Obeid
Kosti
Renk
Shendi
Atbara
Kamaron
Assab
Djibouti
Dessie
Gondar
Wad Medani
El Daein
Nyala
El Fasher
Zalingei
Fort Polignac
Djanet
Kufra
Tazerbo
Sirte
Tobruk
Derna
Malta
Palermo
Cagliari
Marseille
Nice
Rome
Naples
Brindisi
Athens
Salonika
Cannakkale
Ankara
Sivas
Trabzon
Sinop
Batum
Tiflis
Baku
Derbent
Kirova
Tashkent
Kuibyshev
Sverdlovsk
Omsk
Tobolsk
Moscow
Leningrad
Murmansk
Archangel
Vienna
Budapest
Belgrade
Sofia
Bucharest
Odessa
Sevastopol
Kiev
Minsk
Riga
Tallinn
Helsinki
Stockholm
Oslo
London
Paris
Madrid
Lisbon
Algiers
Tunis
Tripoli
Cairo
Jerusalem
Beirut
Damascus
Baghdad
Basra
Tehran
Kabul
Karachi
Lahore
Delhi
Calcutta
Rangoon
Bangkok
Hanoi
Shanghai
Peking
Tokyo
Osaka
Hong Kong
Manila
Singapore
Colombo
Bombay
Madras
Cape Town
Durban
Lourenco Marques
Salisbury
Pretoria
Johannesburg
Windhoek
Luanda
Leopoldville
Elisabethville
Nairobi
Mombasa
Dar es Salaam
Tanga
Zanzibar
Mogadishu
Kismayu
Asmara
Massawa
Port Sudan
Suez
Port Said
Alexandria
Cairo
Tripoli
Benghazi
Tobruk

CAIRO

Time of Sunrise 02 55 G. M. T.

" " Sunset 17 00 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: Sunday 26th June, 1949

At 1200 on Sat 25th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
MEDITERRANEAN	62300	SALÛM	40	8	7	02	0	0	–	12.7	30	31	11
	62303	SÎDI BARÂNI	360	6	50	03	2	8	Cs	13.7	27	70	21
	62306	MATRÛH	20	8	18	00	0	0	–	13.0	27	66	20
	62309	EL DABA	30	4	35	00	0	0	–	13.5	27	52	16
		ALEXANDRIA	20	9	50	00	0	0	–	11.2	25	70	19
	62318	FOUAD (Airport)	360	14	18	02	0	0	–	11.2	27	58	18
	62330	DAMIETTA	360	2	15	00	0	0	–	10.8	27	62	19
	62333	PORT SA'ÎD	20	13	30	02	0	0	–	10.5	26	70	20
	62336	EL 'ARISH	360	13	35	02	0	0	–	11.0	26	74	21
LOWER EGYPT	62339	DAMANHUR	40	9	15	02	0	0	–	11.1	31	43	17
	62342	MANSURA	20	5	35	00	0	0	–	10.0	32	38	16
	62348	TANTA											
	62354	ZAGAZIG	40	9	15	00	1	0	–	10.6	33	38	17
	62441	ISMA'ÎLÎA	20	5	35	02	0	0	–	9.4	32	28	11
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMAZA											
		EZBEKÎYA	40	4	35	00	0	0	–	8.7	33	34	15
		GÎZA	40	4	35	00	0	0	–	9.5	33	31	13
	62378	HELWÂN	360	13	35	02	0	0	–	7.9	34	18	6
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	2	–	8.2	33	30	13
	62387	MINYA	20	11	12	00	0	0	–	8.2	34	22	9
	62393	ASYÛT MANQABÂD	300	6	30	00	0	0	–	7.5	32	20	6
	62399	NAG' HAMMÂDI	320	3	7	00	0	0	–	5.9	36	29	15
	62402	QENA	240	5	50	00	0	0	–	5.3	40	26	17
	62405	LUXOR											
	62414	ASWÂN	200	1	50	00	0	0	–	4.6	40	16	10
OASES	62417	SÎWA	320	6	35	00	0	0	–	13.4	34	74	29
	62420	BAHARÎYA	360	4	35	02	0	0	–	10.3	32	28	11
	62423	FARAFRA	340	6	36	02	0	0	–	10.2	33	30	13
	62432	DAKHLA	320	13	35	00	0	0	–	7.8	33	21	8
	62435	KHARGA	20	2	35	00	0	0	–	7.8	35	32	16
RED SEA	62450	SUEZ	360	10	35	02	0	0	–	7.5	34	32	15
	62459	TÔR	310	2	50	00	0	0	–	7.1	28	70	22
	62462	HURGHÂDA	360	15		00	0	0	–	5.8	28	70	22
	62465	QUSEIR	360	13	15	02	0	0	–	6.3	30	66	23
	62641	PORT SUDÂN	120	10	4	05	1	1	Cu	1.9	39	40	23
NORTH SUDÂN	62600	WÂDI HALFA											
	62640	ABU HAMAD											
	62660	KAREIMA											
	62680	'ATBARA	250	5	4	05	0	0	–	1.7	41	18	12
	62721	KHARTÛM	100	18	7	07	1	3	Ac,Ci		39	20	12
	62730	KASSALA											
CENTRAL SUDÂN	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	250	13	30	03	1	5	Cu,Ac	7.1	33	34	15
	62760	EL FÂSHER	150	9	30	00	0	0	–		37	17	8
	62770	GENEINA											
S. SUDÂN	62840	MALAKÂL	00	0	30	60	9	8	Cb,Ns	10.2	25	79	21
	62880	WÂU											
	62941	JUBA	20	5	30	01	2	4	Cu,Ac,Ci	8.0	30	62	22

At 1800 on Sat 25th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
MEDITERRANEAN	62300	SALÛM	40	3	7	02	0	1	–	12.7	27	52	16	0
	62303	SÎDI BARÂNI	360	3	35	01	1	0	–	14.0	24	84	21	0
	62306	MATRÛH	20	4	14	00	0	0	–	13.1	24	84	21	0
	62309	EL DABA	40	2	7	00	0	0	–	12.4	25	61	17	0
		ALEXANDRIA	360	5		00	0	0	–	13.0	24	69	18	0
	62318	FOUAD (Airport)	360	7	14	02	0	0	–	11.9	23	84	20	0
	62330	DAMIETTA	320	2		00	0	0	–	11.0	25	70	19	0
	62333	PORT SA'ÎD												
	62336	EL 'ARISH	360	2	7	03	0	1	Cu	11.7	23	89	21	0
LOWER EGYPT	62339	DAMANHUR	40	5	15	02	0	0	–	11.5	24	74	19	0
	62342	MANSURA	360	5		00	0	0	–	11.5	24	69	18	0
	62348	TANTA												
	62354	ZAGAZIG	40	5		00	0	0	–	11.0	25	70	19	0
	62441	ISMA'ÎLÎA	20	2	15	02	0	0	–	10.7	25	70	19	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMAZA												
		EZBEKÎYA	70	5	15	00	0	0	–	10.6	27	52	16	0
		GÎZA	70	5	15	00	0	0	–	10.6	28	40	13	0
	62378	HELWÂN	20	19	15	02	0	0	–	9.1	28	33	10	0
UPPER EGYPT	62381	FAIYÛM	360	8	35	02	0	0	–	8.3	30	35	13	0
	62387	MINYA	360	4	10	00	0	0	–	8.0	28	45	15	0
	62393	ASYÛT MANQABÂD												
	62399	NAG' HAMMÂDI	00	0		00	0	0	–	6.7	28	45	15	0
	62402	QENA	240	5	7	00	0	0	–	6.3	32	28	11	0
	62405	LUXOR	00	0	12	00	0	0	–	5.8	33	23	9	0
	62414	ASWÂN	00	0	50	00	0	0	–	4.3	36	17	7	0
OASES	62417	SÎWA	00	0	7	00	0	0	–	12.8	32	84	29	0
	62420	BAHARÎYA	360	1	15	02	0	0	–	10.2	29	29	9	0
	62423	FARAFRA	320	5	15	02	0	0	–	10.3	27	37	11	0
	62432	DAKHLA	320	1	35	00	0	0	–	9.6	28	27	7	0
	62435	KHARGA	00	0	15	00	0	0	–	9.2	27	42	13	0
RED SEA	62450	SUEZ	360	10	7	02	0	0	–	8.2	28	62	22	0
	62459	TÔR	310	4	50	00	0	0	–	6.8	28	58	19	0
	62462	HURGHÂDA	340	12		00	0	0	–	5.9	28	66	21	0
	62465	QUSEIR	360	9	15	02	0	0	–	6.0	29	70	23	0
	62641	PORT SUDÂN												
NORTH SUDÂN	62600	WÂDI HALFA												
	62640	ABU HAMAD												
	62660	KAREIMA												
	62680	'ATBARA												
	62721	KHARTÛM												
	62730	KASSALA												
CENTRAL SUDÂN	62751	WÂD MEDANI												
	62801	RENK												
	62802	ROSEIRES												
	62771	EL OBEID												
	62760	EL FÂSHER												
	62770	GENEINA												
S. SUDÂN	62840	MALAKÂL	20	7	30	02	1	4	Sc,Ac	12.5	23	29	20	94	22	2
	62880	WÂU														0
	62941	JUBA														0

At 0600 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.	Bar. Pressure Diff. from normal mbs.	Temp. Dry Bulb	Temp. Maximum Yesterday	Temp. Maximum Diff. from normal	Temp. Minimum Today	Temp. Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total from Oct. 1st.	Rainfall Normal from Oct. 1st.
MEDITERRANEAN	62300	SALÛM	270	2	7	02	0	0	–	13.3		29	31		18		55	19	0		
	62303	SÎDI BARÂNI	360	3	50	03	2	8	Cs	13.6		27	28		15		52	16	0	278	
	62306	MATRÛH	10	2	18	00	0	0	–	13.2		24	28		16		74	19	0		
	62309	EL DABA	320	2	35	00	0	0	–	12.6		26	27		16		62	18	0		
		ALEXANDRIA	360	6	50	00	0	0	–			25	27	-2	22	0	61	17	0	267	186
	62318	FOUAD (Airport)	20	10	18	02	0	0	–	11.9		25	28		25?		74	20	0	265	138
	62330	DAMIETTA	360	2		00	0	0	–	11.4	+1.1	27	28		17		62	19	0	319	106
	62333	PORT SA'ÎD	20	2	18	02	0	0	–	11.5		26			23		62	18	0	72	
	62336	EL 'ARISH	180	2	18	02	0	1	Cu	11.2	+1.0	27	27	-2	20	+1	74	22	0		94
LOWER EGYPT	62339	DAMANHUR	90	9	7	02	0	0	–	12.3	+1.7	26	32	0	19	0	70	20	0	103	101
	62342	MANSURA	40	5	35	00	0	0	–	11.9	+1.2	26	33	-2	20	+1	70	20	0	49	55
	62348	TANTA	00	0	35	02	0	0	–	11.8	+1.0	25			14	-4	61	17	0	34	44
	62354	ZAGAZIG	40	5	7	00	0	0	–	12.0	+1.2	26	34	-1	18	0	70	20	0	21	27
	62441	ISMA'ÎLÎA	20	2	7	00	1	3	As	11.5		26	33		20		62	18	0	14	
CAIRO AREA	62366	FAROUK (Airport)																			
	62372	ALMAZA	40	13	13	00	2	2	Sc	11.3	+0.5	24			18		74	19	0		
		EZBEKÎYA	90	6	15	00	0	0	–	11.2	+0.4	24	34	-1	19	-1	74	19	0	8	26
		GÎZA	90	6	15	00	0	0	–	11.8	+0.9	28	34	-1	19	+1	70	19	0	16	27
	62378	HELWÂN	360	10	15	00	0	0	–	11.0	+0.3	25	35	0	20	-1	54	15	0	16	29
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0	–	11.0	+1.1	25	35	-1	20	0	61	17	0	8	8
	62387	MINYA	40	16	10	00	0	0	–	10.0		24	35		20		65	17	0	5	
	62393	ASYÛT MANQABÂD	330	3	30	00	0	0	–	10.0		24			20		61	16	0	Dr.	
	62399	NAG' HAMMÂDI	320	2	3	00	0	0	–	8.4	+0.1	27	36		20		55	17	0	0	
	62402	QENA	240	9	35	00	0	0	–	7.6	-0.1	28	42	+1	25	+1	40	13	0	Dr.	
	62405	LUXOR											41							Dr.	
	62414	ASWÂN	20	5	50	00	0	0	–	7.2	-0.7	32	42	0	25	-1	20	6	0	2	
OASES	62417	SÎWA	00	0	35	00	0	0	–	13.5	+0.5	26	37	-1	17	-3	70	20	0	1	8
	62420	BAHARÎYA	360	4	35	02	0	0	–	11.7	+0.7	25	33	-3	19	0	54	15	0	Dr.	7
	62423	FARAFRA	20	4	35	02	0	0	–	12.0		26	34		19		69	14	0	Dr.	
	62432	DAKHLA	00	0	35	00	0	0	–	9.9	-0.4	28	35	-4	20	-3	45	15	0	Dr.	
	62435	KHARGA	360	3	35	00	0	0	–	9.3	+0.7	29	37	+4	21	-2	46	16	0	0	
RED SEA	62450	SUEZ	360	11	35	00	0	0	–	11.4	+1.6	25	36	0	21	-1	54	15	0	12	17
	62459	TÔR	310	5	35	00	0	0	–	8.1	+0.7	26	28	-6	22	-2	70	20	0	Dr.	13
	62462	HURGHADA	340	16		00	0	0	–	7.7		27	29		26		58	18	0	7	
	62465	QUSEIR	360	9	15	02	0	0	–	6.7	-0.7	29	31	-2	25	-1	59	20	0	0	4
	62641	PORT SUDÂN	200	6	10	01	1	2	Cs	5.0		38	40		25		18	10	0	41	97
NORTH SUDÂN	62600	WÂDI HALFA	350	3	30	00	0	0	–	8.4		28	40				14	-2	0	14	
	62640	ABU HAMAD	310	5		00	0	0	–	5.2		33	43		31		24	10	0		
	62660	KAREIMA	340	6	30	00	0	0	–	7.2		31	43		26		16	2	0	5	2
	62680	'ATBARA	230	13	7	05	1	8	Cu	6.6		30	42		29		33	12	0	8	8
	62721	KHARTÛM	180	20	10	05	1	5	Ac	8.8		29	40		27		49	17	0	13	15
	62730	KASSALA	130	9	30	02	1	8	Ac	9.4		27	36		23		58	18	1	45	47
CENTRAL SUDÂN	62751	WÂD MEDANI	180	9	50	04	0	0	–	12.5		25	38		20		84	22	21	108	53
	62801	RENK	230	5	50	02	2	8	Cu	13.9		23	33		20		84	20	0		256
	62802	ROSEIRES																		191	219
	62771	EL OBEID																	0	95	66
	62760	EL FÂSHER																	0	18	30
	62770	GENEINA																			70
S. SUDÂN	62840	MALAKÂL	180	7	30	02	1	4	Sc,Ac	12.5		23	29		20		94	22	2	463	308
	62880	WÂU																	0	513	511
	62941	JUBA																	0	437	587

HUMIDITY

Mean % of day

Station	on 25th	Diff. from normal
Alexandria	70	-3
Ezbekîya	56	0
Gîza	48	-7
Helwân	43	0

GÎZA GRASS MINIMUM TEMP. ON 26th 16.5 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. feet	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — On ..... At ..... AIRPORT

Pressure mbs.	Height above M.S.L. feet	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. feet	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. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 25th

Height m.	Matrûh Dir.	Matrûh Vel.	Fouad Ap. Dir.	Fouad Ap. Vel.	Port Said Dir.	Port Said Vel.	Minya Dir.	Minya Vel.
Time	14		15		14		15	
300	350	16	360	6	350	19	360	16
600	20	16	30	17	10	18	350	18
1000	50	16	30	16	10	13	350	20
1500	30	26	50	10	20	11	350	8
2000	360	20	70	9	20	15	10	4
3000			30	5	50	4	240	9
4000								
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 26th

Station	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Farouk Dir.	Farouk Vel.
Time	5		4		3		4				6	15	3		3	15			5		9		3	
Height m.																								
300	140	1	10	9	350	9	10	6			20	11	360	31?	310	6			20	4	330	20	30	11
600	350	3	360	7	350	13	30	11			30	13	340	14	330	11			360	20	300	7	40	17
1000	360	6	360	7	360	15	30	11			50	32	340	12	350	9			10	13	40	5	50	17
1500	350	12	360	11	30	15	360	7			50	16	350	15	60	5			170	5	280	6	60	6
2000	360	12	360	15	30	16	50	12			180	10	90	9	250	5			160	11	250	10	190	5
3000	350	15	350	19	30	11					230	4	30	3	230	9					250	18	00	0
4000			360	14	10	8																		
5000			10	22																			190	21
6000																							240	17
7000																								
8000																								

Station	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time	5		5		5		5																	
Height m.																								
300	90	17	30	15	60	3	360	16	20	13														
600	80	15	30	19	30	8	10	29	20	29														
1000	40	15	20	32	20	17	360	24	10	14														
1500	10	25	20	24	350	18	350	12	30	5														
2000	10	26			360		320	2	220	7														
3000	20	35					200	8	170	8														
4000	20	41					190	15																
5000	20	51					200	13																
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

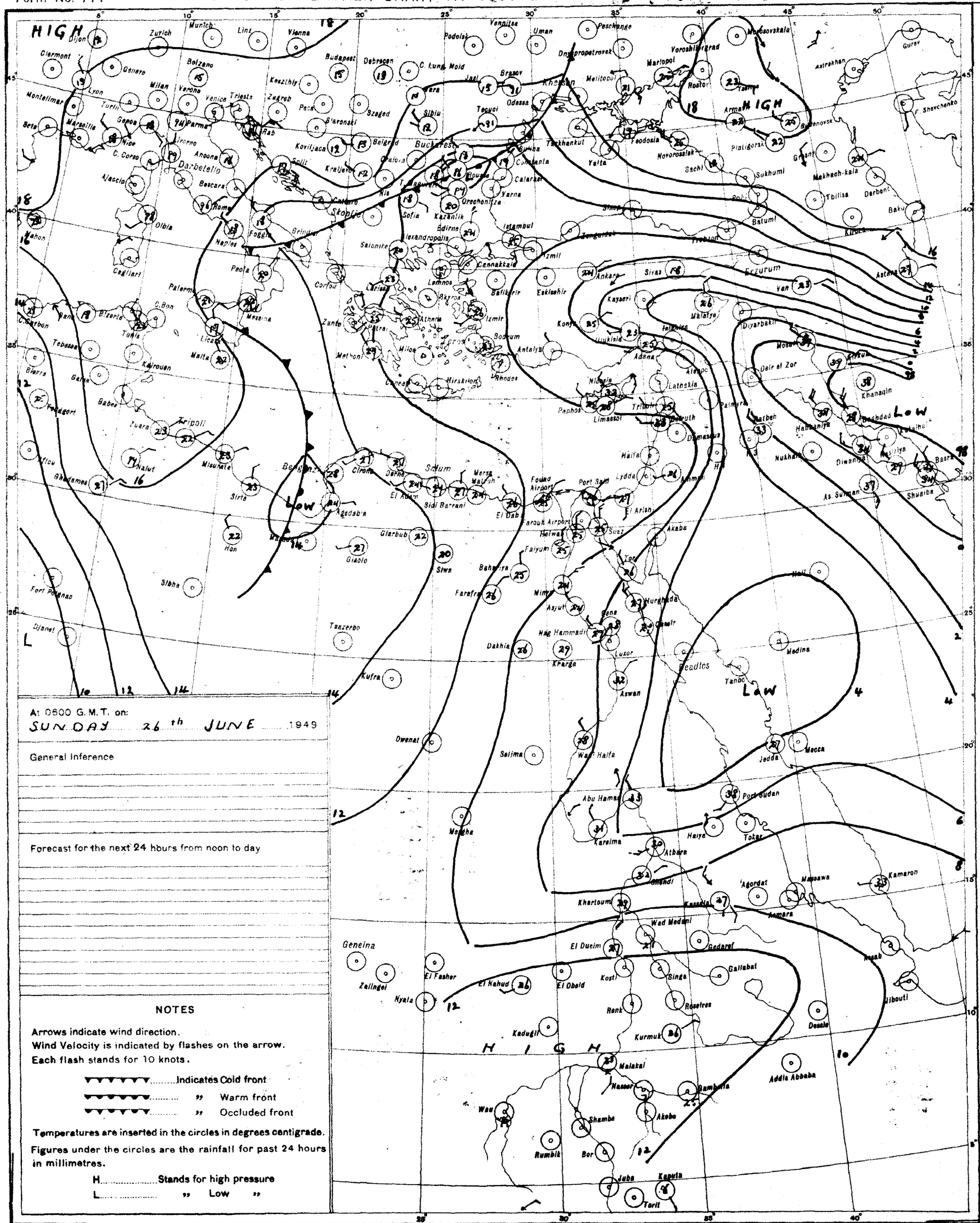
K. N.

Printed by the Survey of Egypt 1948 (48/450).

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 26th 1949


HIGH
HIGH
HIGH
LOW
LOW
LOW
L
Dijon
Zurich
Munich
Linz
Vienna
Clermont
Geneva
Belzano
Milan
Verona
Venice
Trieste
Zagreb
Budapest
Debrecen
Montelimar
Lyon
Turin
Genoa
Marseilla
Nice
Parma
Rab
Bucharest
Constanta
Calarasi
Sofia
Skopje
Salonika
Istambul
Izmit
Cennakkale
Ankara
Sivas
Erzurum
Van
Tbilisa
Baku
Batumi
Sukhumi
Yalta
Feodosia
Novorossiisk
Rostov
Taganrog
Mariopol
Voroshilovgrad
Dnepropetrovsk
Odessa
Kherson
Melitopol
Jassy
Brasov
Tecuci
Sibiu
Podolsk
Vannitsa
Uman
Peschange
Murmansk
Gurev
Astrakhan
Makhach-kala
Derbent
Kirovabad
Astara
Kirkuk
Khanaqin
Baghdad
Basra
Shuaiba
Diwaniya
Nukhaiba
Deir el Zor
Aleppo
Latnekia
Palmyra
Damascus
Beirut
Haifa
Lydda
Jerusalem
Amman
Port Said
Suez
Akaba
Tor
Hurghada
Luxor
Aswan
Wadi Halfa
Khartoum
Kassala
Wad Medani
Gedaref
Asmara
Massawa
Kamaron
Djibouti
Addis Abbaba
Dessie
Gallabat
Kosti
Singa
Rosaires
Rank
Kurmuk
Malakal
Nasser
Bambouna
Akobo
Shamba
Bor
Rumbik
Wau
Juba
Kapoeta
Torit
Kadugli
Geneina
Zalingei
Nyala
El Fasher
El Nahud
El Obeid
El Dueim
Khartoum
Omdurman
Agordat
Massawa
Kamaron
Medina
Mecca
Jedda
Port Sudan
Tokar
Haiya
Atbara
Abu Hamad
Kareima
Dongola
Wadi Halfa
Selima
Dwenat
Merkha
Kufra
Tazerbo
Sibha
Giaolo
Hon
Sirte
Misurata
Tripoli
Zuara
Gharian
Nalut
Ghadames
Bengazi
Derna
El Abiar
Sidi Barrani
Mersa Matruh
El Daba
Cairo
Farouk Airport
Helwan
Faiyum
Bahariya
Farafra
Minya
Asyut
Qena
Hag Hammadi
Dakhla
Kharga
Beadles
Yanbo
Fort Polignac
Djanet
Ghardaia
Biskra
Tebessa
Bizerte
Tunis
Kairouan
Gafsa
Gabes
Malta
Licata
Messina
Palermo
Cagliari
Olbia
Ajaccio
Bescara
Roma
Foggia
Naples
Paola
Corfou
Larissa
Lemnos
Skyros
Athens
Patras
Milos
Crete
Hirskion
Rhodes
Bodrum
Antalya
Eskisehir
Balikesir
Konya
Kayseri
Malatya
Adana
Nicosia
Paphos
Limassol
Tripoli
Beirut
Diyarbakir
Mosul
Van
Erzurum
Sivas
Ankara
Tbilisa
Derbent
Baku
Kirovabad
Astara
Batumi
Sukhumi
Makhach-kala
Gurev
Astrakhan
Murmansk
Voroshilovgrad
Mariopol
Rostov
Taganrog
Armavir
Pyatigorsk
Novorossiisk
Sachi
Feodosia
Yalta
Tuapse
Odessa
Kherson
Melitopol
Dnepropetrovsk
Peschange
Uman
Vannitsa
Podolsk
Jassy
Brasov
Tecuci
Sibiu
Cluj
Debrecen
Budapest
Keszthely
Zagreb
Pecs
Szeged
Baranski
Koviljaca
Belgrad
Kraljevo
Nis
Skopje
Split
Rab
Parma
Verona
Milan
Turin
Genoa
Marseilla
Nice
Lyon
Montelimar
Bete
Ajaccio
C. Corso
Bescara
Roma
Ancona
Darbetello
Olbia
Cagliari
Palermo
Messina
Paola
Naples
Foggia
Brindisi
Corfou
Larissa
Salonika
Alexandropolis
Sofia
Kazanlik
Edirne
Orechovitze
Varna
Constanta
Calarasi
Tecuci
Jassy
Brasov

CAIRO
Time of Sunrise 02 55 G. M. T.
" " Sunset 17 00 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: Monday 27th June, 1949

At 1200 on Sund. 26th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	110	7	7	02	0	0	–	12.7	28	58	19
	62303	SÎDI BARÂNI	360	25	50	02	2	8	Cs	13.9	29	43	15
	62306	MATRÛH	10	6						13.5	28	52	17
	62309	EL DABA	320	5	35	00	0	0	–	14.2	28	45	15
		ALEXANDRIA	300	9	50	00	0	0	–	11.9	27	62	19
	62318	FOUAD (Airport)	340	13	14	02	0	0	–	11.8	28	55	18
	62330	DAMIETTA	340	5	15	02	0	0	–	11.4	29	46	16
	62333	PORT SA'ID	10	10	30	02	0	0	–	11.1	28	62	20
	62336	EL 'ARISH	320	2	35	01	0	0	–	10.6	28	70	22
Lower Egypt	62339	DAMANHUR	360	9	15	02	0	0	–	11.8	32	38	16
	62342	MANSURA	20	9	35	00	0	0	–	10.6	35	19	8
	62348	TANTA	00	0	35	02	0	0	–	10.9	35	29	14
	62354	ZAGAZIG	40	5	15	00	0	0	–	11.1	35	29	14
	62441	ISMAÎLÎA	20	2	35	02	0	0	–	9.5	35	19	8
Cairo Area	62366	FAROUK (Airport)	20	14	30	00	0	0	–	11.0	34	20	8
	62372	ALMÂZA	20	12	18	00	0	0	–	8.6	35	19	8
		EZBEKÎYA	40	4	35	00	0	0	–	9.8	34	27	12
		GÎZA	40	4	35	00	0	0	–	10.3	34	23	9
	62378	HELWÂN	340	13	15	02	0	0	–	8.8	35	19	8
Upper Egypt	62381	FAIYÛM	360	5	35	02	0	0	–	8.8	35	23	11
	62387	MINYA	20	15	12	00	0	0	–	8.4	36	24	12
	62393	ASYÛT MANQABÂD	290	10	30	00	0	0	–	7.2	36	27	14
	62399	NAG' HAMMÂDI	320	2	7	00	0	0	–	5.9	38	19	11
	62402	QENA	270	5	50	00	0	0	–	5.5	42	22	16
	62405	LUXOR											
	62414	ASWÂN	00	0	50	00	0	0	–	3.5	43	11	6
Oases	62417	SÎWA	00	0	35	00	0	0	–	13.8	35	56	25
	62420	BAHARÎYA	360	4	35	02	0	0	–	9.8	36	20	10
	62423	FARAFRA	20	5	35	02	0	0	–	10.4	36	20	10
	62432	DAKHLA	320	6	50	00	0	0	–	8.3	35	29	14
	62435	KHARGA	20	2	35	00	0	0	–	7.8	37	35	19
Red Sea	62450	SUEZ	20	8	35	02	0	0	–	8.2	35	29	14
	62459	TÛR	310	2	50	00	0	0	–	5.3	32	49	20
	62462	HURGHÂDA	20	13		00	0	0	–	5.8	28	79	24
	62465	QUSEIR	20	15	15	02	0	0	–	6.0	30	79	26
	62641	PORT SÛDÂN											
North Sûdân	62600	WÂDI HALFA	330	4	30	00	0	0	–	5.6?	39	10	2
	62640	ABU HAMAD	00	0	30	00	0	0	–	1.5?	43	12	7
	62660	KAREIMA	290	4	30	00	0	0	–	6.1?	43	12	7
	62680	'ATBARA	230	5	7	05	0	0	–	3.0	40	17	11
	62721	KHARTÛM	210	13	4	06	4	4	Ci, Cu	4.9	38	17	10
	62730	KASSALA											
Central Sûdân	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID											
	62760	EL FÂSHER	130	28	35	01	0	3	Ci		37	25	14
	62770	GENEINA	270	3	30	01	0	4	Ci		32	34	14
S. Sûdân	62840	MALAKÂL	210	8	30	03	1	5	Cs	9.7	31	52	20
	62880	WÂU											
	62941	JUBA	160	5	30	01	2	8	Cu, Ac	10.6	29	59	20

At 1800 on Sund. 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.
WÂDI HALFA	320	15	7	02	0	0	–	12.7	27	52	16	0
SÎDI BARÂNI	290	5	35	02	2	8	Cs	13.4	26	70	20	0
MATRÛH	00	0	13	00	0	0	–	12.3	24	69	18	0
EL DABA	320	5	15	00	0	0	–	11.6	26	55	16	0
ALEXANDRIA	360	5		00	0	0	–	11.8	24	69	18	0
FOUAD (Airport)	340	13	12	02	0	0	–	11.2	24	69	18	0
DAMIETTA	320	5		02	0	0	–	10.6	25	74	20	0
PORT SA'ID	350	12	15	02	0	0	–	9.9	26	70	20	0
EL 'ARISH	40	2	7	02	0	0	–	9.5	25	83	22	0
DAMANHUR	360	5	7	02	0	0	–	11.8	24	74	19	0
MANSURA	360	5		00	0	0	–	11.0	26	48	14	0
TANTA	00	0	35	02	0	0	–	10.8	27	55	17	0
ZAGAZIG	40	5		00	0	0	–	10.2	26	55	16	0
ISMAÎLÎA	20	2	15	02	0	0	–	9.9	27	52	16	0
FAROUK (Airport)												
ALMÂZA												
EZBEKÎYA	320	4	15	00	0	0	–	10.0	29	46	16	0
GÎZA	320	4	15	00	0	0	–	10.8	28	37	12	0
HELWÂN	360	19	15	06	0	0	–	9.4	30	31	11	0
FAIYÛM	360	2	35	02	0	0	–	7.9	32	24	9	0
MINYA	360	9	10	00	0	0	–	8.3	27	37	11	0
ASYÛT MANQABÂD												
NAG' HAMMÂDI	00	0		00	0	0	–	5.9	31	43	17	0
QENA	240	5	7	00	0	0	–	5.1	34	27	12	0
LUXOR	00	0	12	00	0	0	–	4.6	33	30	13	0
ASWÂN	00	0	50	00	0	0	–	4.4	38	13	5	0
SÎWA	20	8	35	00	0	0	–	12.4	30	79	26	0
BAHARÎYA	360	3	15	02	0	0	–	10.3	30	21	5	0
FARAFRA	360	2	15	02	0	0	–	10.2	29	40	14	0
DAKHLA	320	2	35	00	0	0	–	8.8	28	27	7	0
KHARGA	00	0	15	00	0	0	–	7.8	31	38	15	0
SUEZ	00	0	15	02	0	0	–	8.3	29	46	16	0
TÛR	310	4	50	00	0	0	–	5.5	28	62	20	0
HURGHÂDA	320	2		00	0	0	–	4.7	31	46	18	0
QUSEIR	360	9	15	02	0	0	–	5.4	30	46	17	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Monday 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.	Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	320	13	7	02	0	0	–	13.0		25	28?		19		61	17	0		
SÎDI BARÂNI	290	12	35	02	2	8	Cs	12.7		25	29		23		83	22	0	278	
MATRÛH	340	11	14	02	0	4	Sc	11.5		25	29		20		74	20	0		
EL DABA	320	5	36	00	0	0	–	10.2		25	28		17		74	20	0		
ALEXANDRIA	310	10	50	01	1	0	–	9.2	−2.6	25	28	−1	22	0	83	22	0	267	186
FOUAD (Airport)	300	10	14	02	0	1	Sc	9.6		26	30		21		74	21	0	265	138
DAMIETTA	290	2	7	00	0	0	–	9.0	−1.2	26	30		17		70	20	0	319	106
PORT SA'ID	280	10	15	02	0	0	–	9.0		26	29		22		70	20	0	72	
EL 'ARISH	220	2	35	02	0	0	–	9.6	−0.5	29	29	0	20	+1	66	22	0		94
DAMANHUR	310	9	7	02	0	0	–	10.4	−0.1	26	33	+1	17	−2	74	21	0	102	101
MANSURA	320	5	35	00	0	0	–	9.5	−1.1	26	36	+1	20	+1	62	18	0	49	55
TANTA	270	2	35	02	0	0	–	10.3	−0.4	26	35	0	14	−4	62	18	0	34	44
ZAGAZIG	220	5	7	00	0	0	–	9.8	−0.9	26	36	+1	17	−2	70	20	0	21	27
ISMAÎLÎA	270	2	7	02	0	0	–	9.6		27	36		20		58	18	0	14	
FAROUK (Airport)																			
ALMÂZA																			
EZBEKÎYA	360	2	15	00	0	0	–	9.6	−1.2	24	35	0	19	−2	69	18	0	8	26
GÎZA	360	2	15	00	0	0	–	10.3	−0.5	25	35	0	18	0	61	17	0	16	27
HELWÂN	340	3	7	00	0	0	–	8.8	−1.8	25	36	+1	18	−3	42	11	0	16	29
FAIYÛM	360	2	35	02	0	0	–	9.6	−0.8	25	35	−1	19	−1	54	15	0	8	8
MINYA	20	14	10	00	0	0	–	10.1		24	37		17		47	12	0	6	
ASYÛT MANQABÂD	360	3	30	00	0	0	–	9.1		26			20		48	14	0	Dr.	
NAG' HAMMÂDI	320	3	3	00	0	0	–	7.2	−1.0	27	39		21		52	16	0	0	
QENA	240	5	35	00	0	0	–	6.7	−0.9	28	43	+2	24	0	45	15	0	Dr.	
LUXOR											42							Dr.	
ASWÂN	00	0	50	00	0	0	–	6.4	−1.5	31	45	+3	27	+1	24	8	0	2	
SÎWA	320	9	35	00	0	0	–	13.8	+0.8	25	40?		21	+1	84	22	0	1	8
BAHARÎYA	360	2	35	02	0	0	–	11.1	0.0	25	37	+1	16	−3	42	11	0	Dr.	7
FARAFRA	360	3	35	02	0	0	–	11.8		27	36		18		37	11	0	Dr.	
DAKHLA	320	13	35	00	0	0	–	9.4	−0.8	25	37	−2	21	−2	42	11	0	Dr.	
KHARGA	340	2	35	00	0	0	–	8.7	+0.1	28	38	−1	24	+1	52	17	0	0	
SUEZ	00	0	35	00	0	0	–	8.3	−1.4	27	37	+1	20	−2	62	19	0	12	17
TÛR	310	9	35	00	0	0	–	6.7	−0.6	26	33	−1	26?	+2	74	21	0	Dr.	13
HURGHÂDA	350	18		00	0	0	–	6.2		27	31		25		55	17	0	7	
QUSEIR	360	13	15	02	0	0	–	5.6	−1.7	30	34	+1	25	−1	52	19	0	0	4
PORT SÛDÂN	360	1	10	00	0	0	–	3.8		35	44		29		53	24	0	41	97
WÂDI HALFA	350	3	30	02	1	2	Ac, Cu	7.2		30	41		25		17	2	0	14	
ABU HAMAD	360	7	30	01	1	1	Ac	4.0		33	45		28		7	−7	0		
KAREIMA	340	10	30	00	0	0	–	6.6		33	43		26		10	−3	0	5	2
'ATBARA	230	9	30	02	0	8	Cs	5.5		32	42		29		22	8	0	8	8
KHARTÛM	240	19	30	00	0	0	–	7.6		31	39		28		41	16	0	13	15
KASSALA	160	13	30	03	0	5	Ac	9.8		28	37		24		58	19	0	45	49
WÂD MEDANI																	0	108	55
RENK	230	9	50	02	2	4	Cc	12.0		26	35		20		62	18	0		159
ROSEIRES	310	5	3	01	2	8	Cb			21	32		21		94	20	2	193	224
EL OBEID																	0	95	68
EL FÂSHER																	0	18	31
GENEINA	20	2	30	01	2	3	Ac			33	46		22		44	19	1		72
MALAKÂL	180	3	30	03	2	7	Ac	12.2		24	31				84	21	0	463	313
WÂU	00	0	30	02	1	7	Ac, Ci	11.2		24	31		23		89	22	0	513	517
JUBA	00	0	10	03	2	5	Ac	13.1		24	30		20		84	21	0	437	593

HUMIDITY % Mean of day

Station	on 26th	Diff. from normal
Alexandria	62	−11
Ezbekiya	57	+1
Giza	51	−4
Helwân	40	−4

GÎZA GRASS MINIMUM TEMP.

ON 27th 14.5 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. feet	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. feet	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. feet	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. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 26th

Height m.	Matruh Dir.	Matruh Vel.	Port Said Dir.	Port Said Vel.	Minya Dir.	Minya Vel.
Time	15		14		15	
300	330	6	320	25	360	26
600	330	14	350	6	360	27
1000	330	20	30	10	360	21
1500	350	27	20	15	320	6
2000	350	23	10	9	350	5
3000	350	22	20	5	320	9
4000						
5000						
6000						
7000						
8000						

UPPER WIND OBSERVATIONS on 27th

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Dir.	Vel.
Time	5		4 15		5		4				7		3		9				5		9			
300	310	15	310	16	300	14	300	16			340	14	10	16	320	14			350	5	330	25		
600	320	15	300	17	330	16	330	6			350	8	10	15	340	17			350	8	320	21		
1000			320	29	330	21	300	19			10	22	360	16	360	26			10	11	350	10		
1500					330	22							360	17	360	26			360	4	280	9		
2000					330	20									350	21					240	10		
3000					340	30									320	11					260	16		
4000																					260			
5000																								
6000																								
7000																								
8000																								

Height m.	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abu Hamad Dir.	Abu Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time	4 30		5		5		3 30										3 30				4 30			
300	10	23	360	13	350	15	350	22																
600	20	17	360	24	350	18	360	30									180	16						
1000	30	24	360	30	350	24	10	30									180	18			360	1		
1500	360	28	360	36			10	19									200	12			200	8		
2000	350	32																			160	5		
3000	360	37															300	11						
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

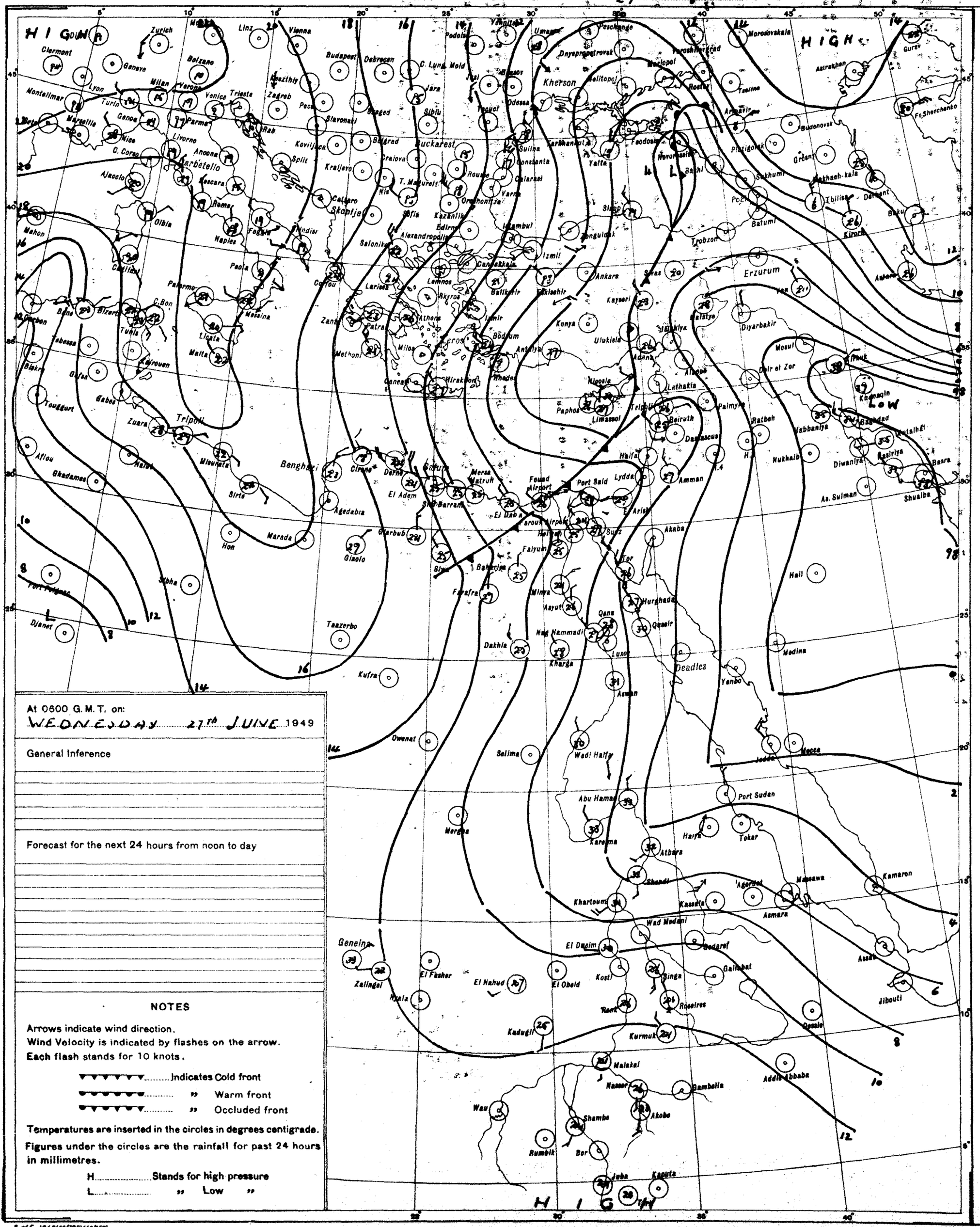
K. N.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 27 th 6 1949


HIGH
HIGH
HIGH
LOW
Kherson
Bucharest
Erzurum
Tripoli
Benghazi
Port Said
Khartoum
Deadlos
Port Sudan
Mecca
Jeddah
Medina
Aden
Djibouti
Addis Abbaba
Asmara
Massawa
Kassala
Wad Medani
El Obeid
El Fasher
Geneina
Zalingei
Nyala
Kadugli
Malakal
Wau
Rumbik
Bor
Juba
Kapoeta
Akobo
Gambella
Nasser
Shambe
Kurmuk
Roseires
Gallabat
Gedaref
Kosti
Renk
Abu Hamad
Wadi Halfa
Aswan
Luxor
Qena
Hurghada
Qeseir
Asyut
Minya
Faiyum
Cairo
Suez
Tor
Akaba
Port Sudan
Tokar
Haifa
Beirut
Damascus
Amman
Lydda
Jerusalem
Nicosia
Limassol
Paphos
Rhodes
Athens
Salonika
Sofia
Belgrad
Budapest
Vienna
Linz
Zurich
Milan
Rome
Naples
Palermo
Malta
Tunis
Algiers
Oran
Tangier
Madrid
Lisbon
Marseilles
Lyon
Paris
London
Berlin
Moscow
Rostov
Tbilisi
Baku
Batumi
Trebizond
Ankara
Konya
Adana
Aleppo
Latakia
Palmyra
Mosul
Diyarbakir
Basra
Baghdad
Khanaqin
Kirkuk
Shuaiba
As Sulman
Hail
Medina
Mecca
Jeddah
Port Sudan
Tokar
Kassala
Asmara
Massawa
Kamaron
Assab
Jibouti
Gondar
Addis Abbaba
Gambella
Akobo
Shambe
Bor
Juba
Kapoeta
Rumbik
Wau
Malakal
Nasser
Kurmuk
Roseires
Renk
Kosti
Gedaref
Gallabat
Singa
El Obeid
El Fasher
El Nahud
Geneina
Zalingei
Nyala
Kadugli
Omdurman
Khartoum
Wad Medani
El Dueim
Abu Hamad
Wadi Halfa
Aswan
Luxor
Qena
Hurghada
Qeseir
Asyut
Minya
Faiyum
Cairo
Suez
Tor
Akaba
Port Said
Lydda
Haifa
Beirut
Damascus
Amman

CAIRO

Time of Sunrise 02 56 G.M.T.

" " Sunset 17 00 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: Tuesday 28th June, 1949

At 1200 on Mon. 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	320	22	7	02	0	0	–	12.7	29	46	16
	62303	SÎDI BARÂNI	320	18	15	03	3	8	Sc, Cu	13.0	26	74	21
	62306	MATRÛH	350	18	12	02	2	6	SC	11.8	26	74	21
	62309	EL DABA	320	6	35	01	0	4	Cu	11.4	26	70	20
		ALEXANDRIA	310	12	50	03	2		As, Cs	9.0	26	70	20
	62318	FOUAD (Airport)	340	16	18	02	1	3	Sc	9.3	27	66	20
	62330	DAMIETTA	320	5	15	02	0	0	–	7.4	28	58	19
	62333	PORT SA'ÎD	360	11	30	02	0	0	–	7.9	27	62	19
	62336	EL 'ARISH	320	2	35	02	0	0	–	8.3	28	70	22
Lower Egypt	62339	DAMANHUR	310	9	15	02	0	0	–	9.5	30	52	19
	62342	MANSURA	320	9	35	00	0	0	–	10.2	35	32	16
	62348	TANTA	00	0	35	02	0	0	–	9.3	34	36	17
	62354	ZAGAZIG	40	5	15	00	0	0	–	8.3	35	32	16
	62441	ISMA'ILIA	340	2	35	02	0	4	–	7.2	35	15	5
Cairo Area	62366	FAROUK (Airport)											
	62372	ALMÂZA	340	9	30	00	0	0	–	7.1	35	19	8
		EZBEKÎYA	360	4	35	00	0	0	–	7.1	34	27	12
		GÎZA	360	4	35	00	0	0	–	7.8	34	21	9
	62378	HELWÂN	290	13	15	06	0	0	–	7.1	33	21	8
Upper Egypt	62381	FAIYÛM	360	2	35	02	0	0	–	7.8	35	19	8
	62387	MINYA	10	15	14	00	0	0	–	7.3	36	15	6
	62393	ASYÛT MANQABÂD	310	18	30	00	0	0	–	6.0	36	18	8
	62399	NAG' HAMMÂDI	320	3	7	00	0	0	–	4.4	36	33	17
	62402	QENA	240	9	50	00	0	0	–	3.8	40	23	15
	62405	LUXOR											
	62414	ASWÂN	340	1	50	00	0	0	–	2.6	43	11	6
Oases	62417	SÎWA	320	8	35	00	0	0	–	12.7	37	22	12
	62420	BAHARÎYA	320	6	35	02	0	0	–	9.4	35	15	5
	62423	FARAFRA	360	8	35	02	0	0	–	9.8	37	18	9
	62432	DAKHLA	320	6	50	00	0	0	–	7.5	35	23	11
	62435	KHARGA	20	1	35	00	0	0	–	6.6	37	27	15
Red Sea	62450	SUEZ	20	10	35	02	0	0	–	5.8	34	18	6
	62459	TÛR	310	5	35	00	0	0	–	4.0	30	66	23
	62462	HURGHÂDA	360	13		00	0	0	–	4.1	28	70	22
	62465	QUSEIR	360	13	15	02	0	0	–	5.0	31	59	22
	62641	PORT SÛDÂN			10	03	2	7	Sc	2.2	37	48	24
North Sûdân	62600	WÂDI HALFA	340	10	30	00	0	0	–	4.6	39	10	2
	62640	ABU HAMAD	310	2	30	03	0	4	Ac		44	8	2
	62660	KAREIMA	310	9	30		2	8	Cs	2.4	40	6	-4
	62680	'ATBARA	260	2	30	02	2	8	Ci, Cs				4
	62721	KHARTÛM	290	9	30	00	0	0	–	4.1	40	7	-3
	62730	KASSALA	240	5	30	03	1			5.0	37	29	16
Central Sûdân	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	230	5	35	02	1	7	Cc	4.8	37	24	13
	62760	EL FÂSHER											
	62770	GENEINA											
S. Sûdân	62840	MALAKÂL											
	62880	WÂU											
	62941	JUBA											

At 1800 on Mon. 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	320	12	7	02	0	0	–	12.8	24	69	18	0
SÎDI BARÂNI	320	10	15	03	3	8	Cu	12.7	23	89	21	0
MATRÛH	350	10	00	00	0	0	–	10.5	26		23	0
EL DABA	320	8	35	00	0	0	–	9.1	26		23	0
ALEXANDRIA	330	13	7	00	0	0	–	9.1	24	74	19	0
FOUAD (Airport)	340	14	18	02	0	0	–	8.3	24	84	21	0
DAMIETTA	320	5		02	0	0	–	7.6	25	74	20	0
PORT SA'ID	120	16	10	02	0	0	–	6.9	25	84	22	0
EL 'ARISH			7	02	0	0	–		24	84	21	0
DAMANHUR	310	5	7	02	0	0	–	9.1	24	74	19	0
MANSURA	340	5		00	0	0	–	8.7	26	74	21	0
TANTA	270	2	35	02	0	0	–	8.4	25	61	17	0
ZAGAZIG	320	5		00	0	0	–	8.3	26	70	20	0
ISMA'ILIA	340	5	15	02	0	0	–	7.1	27	55	17	0
FAROUK (Airport)												
ALMÂZA	360	4	15	00	0	0	–	7.6	28	58	19	0
EZBEKÎYA	360	4	15	00	0	0	–	8.7	27	52	16	0
GÎZA	340	16	15	06	0	0	–	6.8	29	52	18	0
HELWÂN	330	5	35	02	0	0	–	6.2	31	38	15	0
FAIYÛM	360	10	10	00	0	0	–	5.5	29	40	14	0
MINYA		0		00	0	0	–	2.6	29	40	14	0
ASYÛT MANQABÂD	240	5	7	00	0	0	–	3.8	29	35	12	0
NAG' HAMMÂDI	00	0	12	00	0	0	–	3.1	33	21	8	0
QENA	00	0	50	00	0	0	–	2.6	38	16	8	0
LUXOR												
ASWÂN	320	6	7	00	0	0	–	11.9	29	59	20	0
SÎWA	360	6	15	02	0	0	–	8.0	30	40	15	0
BAHARÎYA	340	2	15	02	0	0	–	8.4	30	31	11	0
FARAFRA	320	2	35	00	0	0	–	7.1	31	28	10	0
DAKHLA	00	0	15	00	0	0	–	5.9	31	38	15	0
KHARGA	360	11	15	02	0	0	–	5.9	29	46	16	0
SUEZ	200	3	35	00	0	0	–		31	38	15	0
TÛR	310	14		00	0	0	–	3.9	31	38	16	0
HURGHÂDA	310	9	15	02	0	0	–	5.2	30	40	15	0
QUSEIR												
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Tuesday 28th June

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Bar. Pressure Diff. from normal mbs	Temp. Dry Bulb	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	12	7	02	0	0	–	11.6		25	30		19		61	17	0		
SÎDI BARÂNI	340	5	50	03	2	4	Cu, Ac	12.0		24	27		21		84	21	0	278	
MATRÛH	350	10	18	00	0	0	–	10.5		26			23		42	18	0		
EL DABA	320	8	35	00	0	0	–	9.1		26			23		55	16	0		
ALEXANDRIA	360	16	35	00	0	0	–	7.9	-3.4	25	28	-1	23	+1	70	19	0	267	186
FOUAD (Airport)	340	18	15	02	0	0	–	6.2		26	27		23		62	18	0	265	138
DAMIETTA	320	5		03	0	1	Ac	6.2	-3.9	27	30		21		79	23	0	319	106
PORT SA'ID	320	11	11	01	1	6	Sc	6.0		26	31		24		70	20	0	72	
EL 'ARISH	320	2	35	03	1	3	Cu	6.3	-3.7	27	31	+2	21	+2	70	21	0		94
DAMANHUR	270	13	3	02	0	0	–	7.8	-2.6	26	31	-1	20	+1	70	20	0	102	101
MANSURA	340	13	35	00	0	4	Cu	6.8	-3.7	26	35	0	20	0	70	20	0	49	55
TANTA	310	8	35	02	0	0	–	7.6	-3.0	25	34	-1	17	-1	61	17	0	34	44
ZAGAZIG	320	5	7	00	0	0	–	6.8	-3.8	28	37	+2	20	+1	62	20	0	21	27
ISMA'ILIA	340	5	7	00	1	0	–	6.6		26	37		21		70	20	0	14	
FAROUK (Airport)																			
ALMÂZA	320	9	14	03	0	1	Sc	7.0	-3.7	24			21		69	18	0		
EZBEKÎYA	360	8	15	03	0	1	Cu	7.5	-3.2	26	36	0	21	0	70	20	0	8	26
GÎZA	360	8	15	03	0	1	Cu	7.9	-2.9	26	36	+1	19	+1	63	18	0	16	27
HELWÂN	320	9	7	00	0	0	–	7.4	-3.1	24	36	+1	20	-1	69	18	0	16	29
FAIYÛM	360	2	35	02	0	0	–	7.4	-2.7	25			19	-1	61	17	0	8	8
MINYA	10	16	10	00	0	0	–	7.3		25	37		21		54	15	0	5	
ASYÛT MANQABÂD	310	10	30	00	0	0	–	6.7		25			21		70	19	0	Dr.	
NAG' HAMMÂDI	270	4	3	00	0	0	–	5.0	-3.2	27	37		22		55	17	0	0	
QENA	270	5	35	00	0	0	–	4.2	-3.4	29	41	0	24	0	40	14	0	Dr.	
LUXOR											42							Dr.	
ASWÂN	340	8	50	00	0	0	–	3.8	-4.0	30	45	+3	25	-1	27	9	0	2	
SÎWA	270	4	35	00	0	0	–	13.4	+0.5	25	38	0	20	0	70	19	0	1	8
BAHARÎYA	360	8	35	02	0	0	–	9.4	-1.7	26	37	+1	20	+1	48	14	0	Dr.	7
FARAFRA	360	10	15	02	0	0	–	10.2		26	38		19		55	16	0	Dr.	
DAKHLA	40	2	35	00	0	0	–	7.4	-2.7	27	38	-1	24	+1	52	16	0	Dr.	
KHARGA	360	6	35	00	0	0	–	6.6	-1.9	28	38	-1	25	+2	58	19	0	0	
SUEZ	00	0	35	00	0	0	–	6.2	-3.4	27	37	+1	22	0	55	17	0	12	17
TÛR	310	8	50	00	0	0	–	4.1	-3.1	27	31	-3	25	+1	62	19	0	Dr.	13
HURGHADA	330	19		00	0	0	–	4.0		28	31		24		55	18	0	7	
QUSEIR	330	13	15	02	0	0	–	3.1	-4.1	29	32	-1	25	-1	59	20	0	0	4
PORT SÛDÂN			4	05	1			1.1		39						20	0	41	97
WÂDI HALFA	360	2	30	00	0	0	–	5.1		28	41		21		12	-4	0	14	
ABU HAMAD	310	5	30	03	0	0	–	3.6		33	45		28		10	-3	0		
KAREIMA	340	10	30	02	1	0	–	4.3		31	44		25		17	3	0	6	2
'ATBARA																	0	8	8
KHARTÛM	200	20	10	00	0	0	–	7.2		31	41		25		38	15	0	13	15
KASSALA	180	9	10	00	0	0	–			27	39		23		58	18	0	45	50
WÂD MEDANI	230	9	50	02	2	7	Ci	7.8		28	38		25		33	10	0	108	56
RENK																	0		162
ROSEIRES	160	2	15	02	2	6	Sc, Ac	10.7		22	30		20		94	21	0.1r	193	229
EL OBEID	250	7	30	03	0	0	–	7.6		27	37		20		55	17	Dr.	95	69
EL FÂSHER	230	3	30	01	1	3	Ac, Cs			27	37		23		45	14	0	18	32
GENEINA	230	3	01	02	1	7	Ac			22	35		21		78	19	3		74
MALAKÂL	210	3	30	03	2	0	–	9.4		26	32		23		84	23	0	463	318
WÂU	50	4	2	00	1	0	–	10.2		25					79	21	0	513	523
JUBA																	0	437	597

HUMIDITY %

Mean of day

Station	on 27th	Diff. from normal
Alexandria	74	+1
Ezbekiya	63	+7
Giza	53	-3
Helwân	45	+1

GÎZA GRASS MINIMUM TEMP. ON 28th 14.6 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. feet	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			
300			

Remarks

RAWINSONDE — AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. feet	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. feet	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. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 27th

Height m.	Matruh Dir.	Matruh Vel.	Fouad Ap. Dir.	Fouad Ap. Vel.	Port Said Dir.	Port Said Vel.	Minya Dir.	Minya Vel.
Time	14 30		15		14		15	
300	310	21	330	22	330	13	350	16
600	350	18	350	26	330	9	350	18
1000	360	26	20	5	340	9	330	24
1500	10	28	340	23	10	5	320	29
2000	360	26	320	17	30	4	60	16
3000			320	19	70	3		
4000								
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 28th

Station	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Farouk Dir.	Farouk Vel.
Time	5		4 15				3				6 30		4		9				5		9		3	
300	360	8	340	12			300	16			330	11	350	20	330	10			10	3	340	38	340	16
600	20	8	360	26			310	17			350	16	350	40	330	15			320	2	320	31	330	20
1000	10	9	350	25							360	27	350	47	330	18			330	9	320	19	340	16
1500	20	13	360	47															240	8	240	10	340	24
2000	10	15	10	30															260	11	260	14	350	19
3000																					210	33	350	17
4000																								
5000																							340	24
6000																							340	7
7000																								
8000																								

Station	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time	4 30		5		5		3 30		4						3 45		3 45				4 15			
300	360	16	360	30	10	9	360	23	10	15														
600	10	24	350	38	60	6	10	26	10	26					210	18	110	19						
1000	40	16			40	18	10	21	90	28					230	16	200	22			240	6		
1500	30	10							360	13					270	1	250	19			310	10		
2000	20	25							230	25					350	13								
3000	350	37													350	10	310	8			190	12		
4000	10	30													340	10								
5000	10	22																						
6000	10	24																						
7000	10	31																						
8000																								

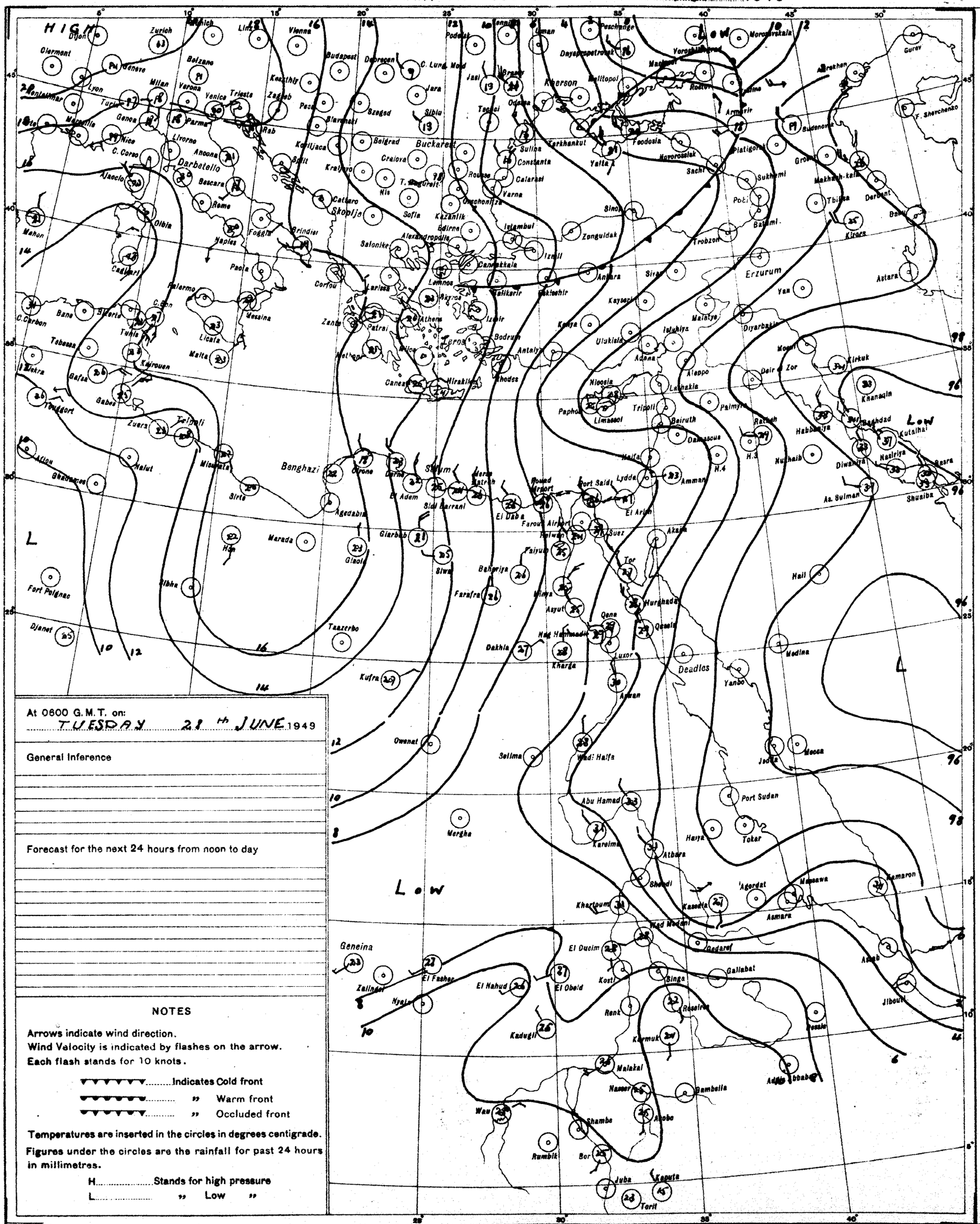
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

K. N.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 28th : 6 : 1949


HIGH
Low
L
Low
Dijon
Zurich
Clermont
Geneva
Lyon
Milan
Turin
Genoa
Marseille
Nice
C. Corso
Ajaccio
Livorno
Ancona
Darbetello
Bascara
Rome
Olbia
Mahon
Cadiari
Palermo
Messina
Licata
Malta
Tunis
Bona
Bizerta
C. Bon
C. Carbon
Tebessa
Kairouan
Gafsa
Gabes
Tripoli
Zuara
Nalut
Misurata
Sirte
Benghazi
Tobruk
Derna
El Adem
Marada
Hon
Giaol
Agedabia
Siwa
Sidi Barrani
Mersa Matruh
El Daba
Farafra
Bahariya
Farouk Airport
Kaiwan
Faiyum
Minya
Asyut
Qena
Luxor
Hurghada
Kharga
Dakhla
Kufra
Taazerbo
Fort Polignac
Djanet
Owenat
Mergha
Selima
Wadi Halfa
Abu Hamad
Port Sudan
Deadlos
Yanbo
Medina
Mecca
Jedda
Tokar
Haiya
Atbara
Kareima
Khartoum
Shendi
Kassala
'Agordat
Massawa
Asmara
Kamaron
Wad Medani
Gedaref
El Ducim
Kosti
Singa
Gallabat
Asab
Jibouti
Geneina
Zalingei
El Fasher
Nyala
El Nahud
El Obeid
Renk
Kadugli
Kurmuk
Malakal
Nasser
Bambalia
Addis Ababa
Wau
Shambe
Akobo
Rumbik
Bor
Juba
Kapoeta
Torit
Zurich
Munich
Linz
Vienna
Budapest
Debrecen
C. Luna Mold
Jasi
Brasov
Podulsk
Lemberg
Lwow
Odessa
Tecuci
Sibiu
Kezathly
Zagreb
Pecs
Szeged
Slavonski
Rab
Belgrad
Kraljevo
Kragujevac
Craiova
Nis
T. Magurele
Buckarest
Sulina
Constanta
Calarasi
Varna
Rousse
Orechovitza
Sofia
Kazanlik
Edirne
Istanbul
Izmit
Zonguldak
Sinop
Samsun
Trabzon
Erzurum
Yan
Astara
Kirovs
Derbent
Baku
Tbilisi
Batumi
Poti
Sukhumi
Makhach-kala
Grozny
Budenovsk
Astrakhan
Gurev
T. Shevchenko
Armavir
Feodosia
Novorossiisk
Sachi
Platigorsk
Yalta
Tarkhankut
Kherson
Nikolaevsk
Odessa
Dnepropetrovsk
Mariupol
Rostov
Voroshilovgrad
Taganrog
Moroz'vskaia
Peschanoe
Salonika
Alexandropolis
Canakkale
Lemnos
Larissa
Corfou
Brindisi
Foggia
Naples
Paola
Cattaro
Skoplje
Athens
Patrai
Methoni
Bodrum
Antalya
Rhodes
Iraklion
Canea
Ankara
Kayseri
Konya
Ulukisla
Adana
Iskenderun
Aleppo
Latakia
Nicosia
Paphos
Limassol
Tripoli
Beirut
Damascus
Haifa
Lydda
Amman
Port Said
El Arish
Suez
Akaba
Tor
Deir el Zor
Mosul
Kirkuk
Khanaqin
Baghdad
Kutalhai
Nasiriya
Basra
Shuaiba
Diwaniya
Nuhaib
H.3
H.4
Habbaniya
Ar. Sulman
Hail
Medina
Mecca
Port Sudan
Tokar
Massawa
Asmara
Kamaron
Asab
Jibouti
Addis Ababa
Gambella
Malakal
Kosti
Renk
Kadugli
Gedaref
Khartoum
Kassala
Atbara
Port Sudan
Tokar
Deadlos
Yanbo
Medina
Mecca
Jedda
Hurghada
Qena
Luxor
Asyut
Minya
Faiyum
Farafra
Bahariya
Siwa
Marada
Giaol
Hon
Tobruk
Derna
El Adem
Sidi Barrani
Mersa Matruh
El Daba
Farouk Airport
Kaiwan
Suez
Port Said
El Arish
Lydda
Amman
Haifa
Beirut
Damascus
Tripoli
Limassol
Paphos
Nicosia
Latakia
Aleppo
Adana
Iskenderun
Ulukisla
Konya
Kayseri
Ankara

CAIRO
Time of Sunrise 02 56 G.M.T.
" " Sunset 17 00 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: Wednesday 29th June, 1949

At 1200 on Tues 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	360	12	7	02	0	0	–	11.8	28	45	15
	62303	SÎDI BARÂNI	320	12	50	02	2	8	Cs	13.1	26	45	13
	62306	MATRÛH	360	17	18	00	0	0	–	11.6	28	52	17
	62309	EL DABA	320	8	35	00	0	0	–	9.3	27	55	17
		ALEXANDRIA	330	11	50	00	0	0	–	8.4	26	62	18
	62318	FOUAD (Airport)	340	20	14	02	0	0	–	8.2	27	58	18
	62330	DAMIETTA	320	5	15	01	0	0	–	6.0	28	62	20
	62333	PORT SAÏD	350	19	13	02	0	0	–	6.1	27	79	23
	62336	EL 'ARISH	320	9	35	01	0	0	–	5.9	28	70	22
Lower Egypt	62339	DAMANHUR	360	13	15	02	0	0	–	6.8	29	59	20
	62342	MANSURA	320	18	35	00	1	0	–	6.3	32	43	18
	62348	TANTA	310	13	35	02	0	0	–	7.4	32	43	18
	62354	ZAGAZIG	320	5	15	00	0	0	–	6.7	34	47	21
	62441	ISMAÏLIA	340	9	15	02	0	0	–	5.1	34	41	19
Cairo Area	62366	FAROUK (Airport)	340	12	12	00	0	0	–	6.3	33	41	18
	62372	ALMAZA	340	11	15	00	0	0	–	5.5	33	44	19
		EZBEKIYA	360	8	35	00	0	0	–	5.4	34	41	19
		GÎZA	360	8	35	00	0	0	–	6.6	34	38	18
	62378	HELWÂN	320	13	15	02	0	0	–	5.3	33	38	17
Upper Egypt	62381	FAIYÛM	330	8	35	02	0	0	–	5.9	35	32	16
	62387	MINYA	10	16	14	00	0	0	–	5.8	35	23	11
	62393	ASYÛT MANGABÂD	290	13	30	00	0	0	–	4.9	34	20	8
	62399	NAG' HAMMÂDI	320	4	7	00	0	0	–	2.8	35	32	16
	62402	QENA	240	5	50	00	0	0	–	1.9	40	26	17
	62405	LUXOR											
	62414	ASWÂN	340	3	50	00	0	0	–	1.6	40	15	9
Oases	62417	SÎWA	40	6	35	00	0	0	–	12.7	35	32	16
	62420	BAHARÎYA	360	5	35	02	0	0	–	7.5	35	15	5
	62423	FARAFRA	360	10	15	02	0	0	–	9.1	35	23	11
	62432	DAKHLA	320	10	50	00	0	0	–	6.4	34	32	15
	62435	KHARGA	20	4	35	00	0	0	–	5.5	35	37	18
Red Sea	62450	SUEZ	00	0	35	02	0	0	–	4.3	34	36	17
	62459	TÛR	310	2	35	00	0	0	–	3.9	29	66	22
	62462	HURGHADA	360	13		00	0	0	–	3.2	28	70	22
	62465	QUSEIR	360	13	15	02	0	0	–	3.0	31	59	22
	62641	PORT SÛDÂN											
North Sudan	62600	WÂDI HALFA	360	5	30	00	0	0	–	2.9	39	13	6
	62640	ABU HAMAD											
	62660	KAREIMA											
	62680	'ATBARA	250	9	30	00	0	0	–	999.7	42	6	-4
	62721	KHARTÛM											
	62730	KASSALA											
Central Sudan	62751	WÂD MEDANI			50	02	1	7	Ac	3.1	37	27	15
	62801	RENK	230	9	35	01	1	4	Ci	5.7	34	74	19
	62802	ROSEIRES											
	62771	EL OBEID											
	62760	EL FÂSHER			30	01	1	3	Cu		36	22	11
	62770	GENEINA											
S. Sudan	62840	MALAKÂL	340	8	10	17	9	8	Cb, Ac, Cs	7.8	25	70	19
	62880	WÂU	30	4	30	30	0	1	Cu	8.3			19
	62941	JUBA											

At 1800 on Tues. 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.
WÂDI HALFA	320	5	7	02	0	0	–	12.3	25	65	18	0
SÎDI BARÂNI	340	8	50	02	2	8	Cs	13.3	23	84	20	0
MATRÛH	350	12	13	00	0	0	–	11.5	24	65	17	0
EL DABA	320	5	15	00	0	0	–	8.0	25	61	17	0
ALEXANDRIA	330	20	7	00	0	0	–	9.6	23	74	18	0
FOUAD (Airport)	340	18	12	02	0	0	–	8.9	23	65	16	0
DAMIETTA	320	5		02	0	0	–	8.3	24	74	19	0
PORT SAÏD	340	19	14	02	0	0	–	7.4	25	74	20	0
EL 'ARISH	320	2	7	01	0	2	Cu	7.4	24	94	23	0
DAMANHUR	360	9	15	02	0	0	–	8.4	23	74	18	0
MANSURA	320	9		00	0	0	–	9.0	24	69	18	0
TANTA	310	5	35	02	0	0	–	9.3	24	61	16	0
ZAGAZIG	320	9		00	0	0	–	8.2	24	69	18	0
ISMAÏLIA	360	5	7	02	0	0	–	7.8	26	62	18	0
FAROUK (Airport)												
ALMAZA	330	13	13	05	0	0	–	8.2	26	58	17	0
EZBEKIYA	360	7	15	00	0	0	–	9.0	25	61	17	0
GÎZA	360	7	15	00	0	0	–	9.1	25	53	15	0
HELWÂN	320	19	15	02	0	0	–	8.0	27	52	16	0
FAIYÛM	360	8	35	02	0	0	–	7.4	28	45	15	0
MINYA	10	17	10	00	0	0	–	6.5	31	31	12	0
ASYÛT MANGABÂD	00	0		00	0	0	–	3.0	30	40	15	0
NAG' HAMMÂDI	240	5	7	00	0	0	–	2.7	32	28	11	0
QENA	290	10	12	00	0	0	–	2.4	34	23	10	0
LUXOR	00	0	50	00	0	0	–	1.9	36	17	7	0
ASWÂN												
SÎWA	40	5	7	00	0	0	–	11.5	32	49	20	0
BAHARÎYA	360	4	15	02	0	0	–	9.1	27	37	11	0
FARAFRA	360	5		02	0	0	–	9.0	29	29	9	0
DAKHLA	320	6	35	00	0	0	–	6.3	31	31	12	0
KHARGA	00	0	15	00	0	0	–	5.6	31	36	14	0
SUEZ	360	24	15	02	0	0	–	6.0	28	62	20	0
TÛR	310	3	50	00	0	0	–	3.9	29	66	22	0
HURGHADA	310	16		00	0	0	–	2.3	29	66	22	0
QUSEIR	360	9	15	02	0	0	–	3.1	28	58	19	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Wednesday 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.	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.
WÂDI HALFA	320	9	7	02	0	0	–	13.3		26	29		18		48	14	0		
SÎDI BARÂNI	320	9	50	02	2	8	Cs	12.6		24	26		21		84	21	0	278	
MATRÛH	20	12	14	00	0	0	–	12.9		25	29		22		61	17	0		
EL DABA	320	6	35	00	0	0	–	10.4		25	27		22		61	17	0		
ALEXANDRIA	310	8	35	00	0	0	–	10.3	-0.7	25	27	-2	22	0	65	18	0	267	186
FOUAD (Airport)	340	14	18	02	0	0	–	9.9		25	28		22		65	18	0	265	138
DAMIETTA	290	2		03	1	5	F_3F_6	9.6	-0.4	25	28		21		70	19	0	319	106
PORT SAÏD	270	7	11	03	0	1	Sc	9.1		24	30		22		74	19	0	72	
EL 'ARISH	320	2	35	03	1	5	Cu	9.6	-0.3	26	30	+1	20	+1	62	18	0		94
DAMANHUR	360	9	7	02	0	0	–	9.6	-0.7	26	30	-2	18	-1	70	20	0	102	101
MANSURA	320	5	35	00	0	0	–	10.2	-0.2	25	33	-2	18	-2	70	19	0	49	55
TANTA	310	5	35	02	0	0	–	10.4	-0.1	24	32	-3	15	-4	69	18	0	34	44
ZAGAZIG	320	9	7	00	0	0	–	10.2	-0.3	26	35	0	18	-1	70	20	0	21	27
ISMAÏLIA	360	2	3	00	1	5	Sc	9.5		26	35		20		62	18	0		
FAROUK (Airport)																			
ALMAZA											34								
EZBEKIYA	40	6	15	01	0	1	Cu	9.9	-0.7	24	34	-2	20	-1	69	18	0	8	26
GÎZA	40	6	15	01	0	1	Cu	10.0	-0.7	25	35	0	18	0	62	17	0	16	27
HELWÂN	340	9	7	00	0	1	Cu	9.8	-0.6	23	34	-1	18	-3	61	15	0	16	29
FAIYÛM	360	5	35	03	0	0	–	9.8	-0.4	24			19	-1	69	18	0	8	8
MINYA	20	18	10	00	0	0	–	9.9		23	35		19		57	14	0	5	
ASYÛT MANGABÂD	300	6	30	00	0	0	–	9.5		23			19		61	15	0	Dr.	
NAG' HAMMÂDI	270	4	3	00	0	0	–	7.4	-0.7	26	36		21		62	18	0	0	
QENA	270	5	35	00	0	0	–	6.4	-1.1	30	40	+1	24	0	46	17	0	Dr.	
LUXOR											41							Dr.	
ASWÂN	340	7	50	00	0	0	–	6.4	-1.3	30	42	0	25	-1	33	12	0	2	
SÎWA	320	5	35	00	0	0	–	14.4	+1.5	25	37	-1	19	-1	74	20	0	1	8
BAHARÎYA	360	6	35	02	0	0	–	11.0	0.0	24	35	-1	18	-2	61	16	0	Dr.	7
FARAFRA	360	7	7	02	0	0	–	12.3		23	36		17		65	16	0	Dr.	
DAKHLA	360	10	35	00	0	0	–	10.2	+0.2	23	36	-3	22	-1	61	15	0	Dr.	
KHARGA	360	1	35	00	0	0	–	8.7	+0.2	25	37	-2	22	-1	61	17	0	0	
SUEZ	00	0	35	00	0	0	–	9.0	-0.5	24	37	+1	20	-2	54	14	0	12	17
TÛR	310	8	35	00	0	0	–	7.5	+0.4	25	29	-5	24	0	74	20	0	Dr.	13
HURGHADA	340	22		00	0	0	–	7.1		25	30		24		74	20	0	7	
QUSEIR	360	13	15	02	0	0	–	5.9	-1.4	28	31	-2	25	-1	70	22	0	0	4
PORT SÛDÂN	40	7	7	06	2	2	Ac	4.3		33	41		31		56	23	0	41	97
WÂDI HALFA	340	4	30	00	0	0	–	7.4		28	41		23		19	2	0	14	
ABU HAMAD	360	9	30	00	0	0	–	4.8		33	42		28		14	2	0		
KAREIMA	20	4	30	00	0	0	–	6.3		31	42		25		17	3	0	5	2
'ATBARA	250	5	30	00	0	0	–	6.0		30	44		25		18	2	0	8	8
KHARTÛM	200	1	30	00	0	0	–	6.4		30	41		23		22	6	0	13	16
KASSALA	200	9	30	00	0	0	–	7.3		30	40		25		25	8	0	45	52
WÂD MEDANI	200	5	50	00	0	0	–	7.1		30	39		23		49	18	0	108	57
RENK																			165
ROSEIRES																	0	193	234
EL OBEID	230	15	30	01	1	1	Ac	8.0		29	38		25		35	19	0	95	70
EL FÂSHER	00	0	30	00	0	0	–			25	37		21		42	11	0	18	33
GENEINA	00	0	30	01	0	4	Ac			25	33		23		65	18	0		76
MALAKÂL	230	4	30	01	2	2	Ac	10.5		24	32		21		74	19	dry	463	323
WÂU	330	4	30	02	1	8	Ac	10.6		22	33		21		83	19	Dr.	513	529
JUBA																	0	437	601

HUMIDITY % Mean of day

Station	on 28th	Diff. from normal
Alexandria	70	-3
Ezbekiya	60	+3
Giza	55	-1
Helwân	55	+11

GÎZA GRASS MINIMUM TEMP. ON 29th 15.8 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. feet	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — On ..... At ..... AIRPORT

Pressure mbs.	Height above M.S.L. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 28th

Height m.	Fouad A.A. Dir.	Vel.	Port Said 14 Dir.	Vel.	Minya 15 Dir.	Vel.
300	330	17	330	47	360	25
600	330	25	330	29	350	28
1000	330	35	220	12	350	23
1500	330	23	300	25	350	26
2000	330	22	160	11		
3000						
4000						
5000						
6000						
7000						
8000						

UPPER WIND OBSERVATIONS on 29th

Height m.	Sîdi Barâni 5 Dir.	Vel.	Matrûh 4 Dir.	Vel.	Fouad Airport 4 Dir.	Vel.	Port Said Dir.	Vel.	El 'Arish Dir.	Vel.	Helwân 6 45 Dir.	Vel.	Minya 5 30 Dir.	Vel.	Asyût Mangabâd 9 Dir.	Vel.	Luxor Dir.	Vel.	Aswân 5 Dir.	Vel.	Hurghada 9 Dir.	Vel.	Farouk 3 Dir.	Vel.
300	350	10	330	16	330	13					350	13	360	23	330	15			350	5	330	20	360	9
600	10	12	340	18	330	16					20	13	360	38	340	16			330	4	330	13	10	11
1000	20	13	20	23	350	16					360	12	10	15	350	11			190	3	340	23	10	15
1500	360	13			350	15					10	13	360	15	20	16			220	4	300	7	360	18
2000	340	22			340	21					360	16	340	21	20	11			190	13	220	3	340	12
3000	350	18			10	23													180	21	240	21	10	11
4000																			190	16	260	9		
5000																					130	21	350	19
6000																							280	12
7000																								
8000																								

Height m.	Sîwa 4 30 Dir.	Vel.	Bahariya 5 Dir.	Vel.	Dakhla 5 Dir.	Vel.	Kharga 3 30 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 4 30 Dir.	Vel.	Malakâl Dir.	Vel.
300	20	18	350	12	350	20	350	16																
600	30	24	360	21	340	13	360	19																
1000	50	20	10	42	340	22	20	19													330	9		
1500	20	21	30	33	330	30	10	18													330	12		
2000	10	21																						
3000	360	22																						
4000	20	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.

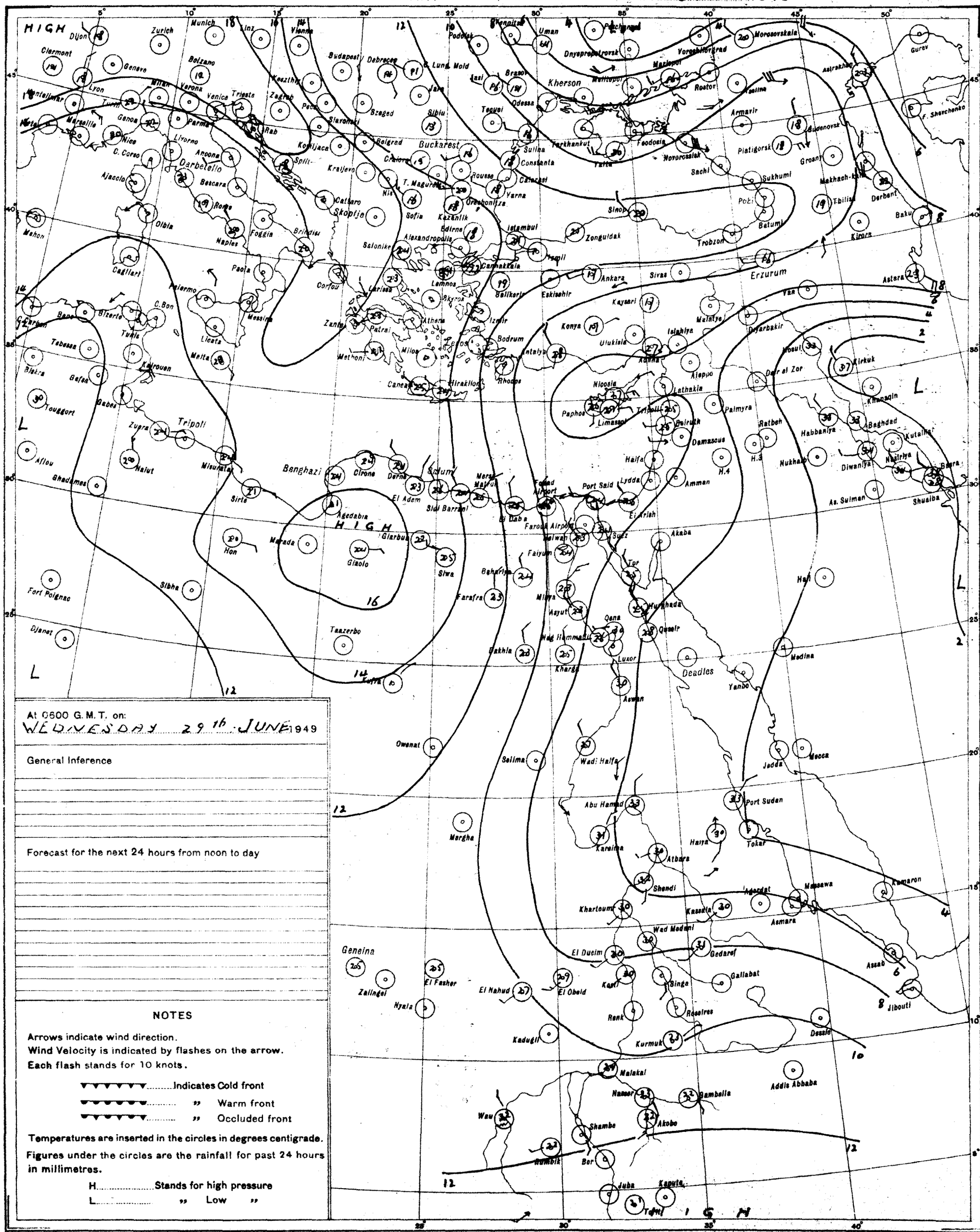
K.N.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 29th 6 1949



At 0600 G.M.T. on:
WEDNESDAY 29th JUNE 1949

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼.....Indicates Cold front
▼▼▼▼▼▼..... " Warm front
▼▼▼▼▼▼..... " Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.....Stands for high pressure
L..... " Low "

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
,, ,, hail		87
Rain / Hail	Thunderstorm during the past hour	91 / 93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

Cloudless		
Cirrus	Ci	1
Cirrostratus	Cs	2
Cirrocumulus	Cc	3
Altocumulus	Ac	4
Altostratus	As	5
Stratocumulus	Sc	6
Nimbostratus	Ns	7
Cumulus or Fractocumulus	Cu or Fc	8
Cumulonimbus	Cb	9
Stratus or Fractostratus	St or Fs	0

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1948(48/195)(48/450)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 02 57 G. M. T.
" " Sunset 17 00 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form No 7 F.

DAILY WEATHER REPORT

Date: Thursday 30th June, 1949

At 1200 on Wed 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											
	62303	SÎDI BARÂNI	320	11	35	02	2	8	Cc		26	74	21
	62306	MATRÛH	10	15	18	00	0	0	—	12.9	27	58	18
	62309	EL DABA	320	6	35	00	0	0	—	13.1	27	55	17
		ALEXANDRIA	310	13	35	00	0	0	—	10.4	26	70	20
	62318	FOUAD (Airport)	340	22	14	02	0	0	—	9.8	27	62	19
	62330	DAMIETTA	320	2	15	00	0	0	—	9.5	27	62	19
	62333	PORT SA'ÎD	10	7	18	02	0	0	—	9.4	27	74	22
	62336	EL 'ARISH	320	2	35	01	0	0	—	9.1	27	62	19
LOWER EGYPT	62339	DAMANHUR	360	13	15	02	0	0	—	9.8	29	59	20
	62342	MANŞURA	360	13	35	00	0	0	—	8.8	32	43	18
	62348	TANTA	340	5	35	02	0	0	—	9.5	32	38	16
	62354	ZAGAZIG	320	5	15	00	0	0	—	9.5	33	38	17
	62441	ISMA'ÎLÎA	20	2	35	02	0	0	—	8.0	33	34	15
CAIRO AREA	62366	FAROUK (Airport)	20	18	14	00	0	0	—	9.4	32	34	14
	62372	ALMÂZA	320	10	15	00	0	0	—	8.4	32	36	15
		EZBEKÎYA	360	5	35	00	0	0	—	8.6	32	38	16
		GÎZA	360	5	35	00	0	0	—	8.7	33	32	14
	62378	HELWÂN	340	10	15	06	0	0	—	8.3	32	28	11
UPPER EGYPT	62381	FAIYÛM	360	5	35	01	0	0	—	8.0	33	30	13
	62387	MINYA	40	15	12	00	0	0	—	8.4	34	27	12
	62393	ASYÛT MANQABÂD	30	9	30	00	0	0	—	7.3	32	29	12
	62399	NAG' HAMMÂDI	270	5	7	00	0	0	—	5.9	34	36	17
	62402	QENA	270	5	50	00	0	0	—	5.3	39	34	20
	62405	LUXOR											
	62414	ASWÂN	180	1	50	00	0	0	—	4.0	41	18	12
OASES	62417	SÎWA											
	62420	BAHARÎYA	360	6	35	02	0	0	—	9.5	33	24	10
	62428	FARAFRA	360	11	35	02	0	0	—	10.6	34	32	15
	62432	DAKHLA	320	10	50	00	0	0	—	8.2	32	38	16
	62435	KHARGA	360	1	35	00	0	0	—	7.8	35	37	18
RED SEA	62450	SUEZ	00	0	35	02	0	0	—	7.2	32	34	14
	62459	TÔR	310	8	50	00	0	0	—	5.8	29	66	22
	62462	HURGHÂDA	360	14		00	0	0	—	6.3	27	79	23
	62465	QUSEIR	20	13	15	02	0	0	—	5.8	30	70	24
	62641	PORT SUDÂN											
NORTH SUDAN	62600	WÂDI HALFA											
	62640	ABU HAMAD											
	62660	KAREIMA											
	62680	'ATBARA											
	62721	KHARTÛM											
	62730	KASSALA											
CENTRAL SUDAN	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID											
	62760	EL FÂSHER											
	62770	GENEINA											
S. SUDAN	62840	MALAKÂL											
	62880	WÂU											
	62941	JUBA											

At 1800 on Wed 29th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALÛM	320	3	7	02	0	0	—	13.9	24	69	18	0
SÎDI BARÂNI	320	2	35	02	2	8	Cs	14.6	23	84	20	0
MATRÛH	10	9	13	00	0	0	—	13.2	24	69	19	0
EL DABA	320	3	15	00	0	0	—	11.8	25	70	19	0
ALEXANDRIA	20	11	7	00	0	0	—	12.2	23	74	18	0
FOUAD (Airport)	360	11	12	02	0	0	—	11.3	24	79	20	0
DAMIETTA	320	2		00	0	0	—	11.8	24	84	21	0
PORT SA'ÎD	10	9	15	02	0	0	—	9.8	25	79	21	0
EL 'ARISH	360	2	7	02	0	0	—	8.6	24	84	21	0
DAMANHUR	360	9	15	02	0	0	—	10.4	23	74	18	0
MANŞURA	360	5		00	0	0	—	10.6	26	62	18	0
TANTA	310	5	35	02	0	0	—	11.0	25	54	15	0
ZAGAZIG	320	5		00	0	0	—	10.4	26	62	18	0
ISMA'ÎLÎA	360	2	15	02	0	0	—	9.5	26	55	16	0
FAROUK (Airport)												
ALMÂZA	340	10	12	00	0	0	—	9.4	29	59	20	0
EZBEKÎYA	360	5	15	00	0	0	—	9.8	27	55	17	0
GÎZA	360	5	15	00	0	0	—	10.2	28	49	16	0
HELWÂN	340	11	15	06	0	0	—	9.1	29	40	14	0
FAIYÛM	360	2	35	02	0	0	—	8.0	31	31	12	0
MINYA	360	6	10	00	0	0	—	8.3	28	40	13	0
ASYÛT MANQABÂD												
NAG' HAMMÂDI	00	0		00	0	0	—	5.5	28	52	17	0
QENA	240	5	13	00	0	0	—	5.8	31	38	15	0
LUXOR	00	0	12	00	0	0	—	5.2	32	29	12	0
ASWÂN	00	0	35	00	0	0	—	4.3	37	18	9	0
SÎWA	320	5	35	00	0	0	—	14.0	32	56	22	0
BAHARÎYA	360	6	15	02	0	0	—	10.3	29	29	9	0
FARAFRA	320	3	15	02	0	0	—	10.7	29	35	12	0
DAKHLA	320	1	35	00	0	0	—	6.4	30	35	13	0
KHARGA	00	0	15	00	0	0	—	7.8	30	46	17	0
SUEZ	360	9	15	02	0	0	—	7.8	28	45	15	0
TÔR	310	3	50	00	0	0	—	7.1	28	62	20	0
HURGHÂDA	330	13		00	0	0	—	5.8	28	66	21	0
QUSEIR	330	9	15	02	0	0	—	5.8	28	70	22	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Thursday 30th June.

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temp. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	290	4	7	02	0	0	—	14.3		27	29		19		55	17	0		
SÎDI BARÂNI	290	5	35	02	2	8	Cs	14.8		25	26		20		74	20	0	278	
MATRÛH	340	8	18	00	0	0	—	14.2		25	29		18		74	20	0		
EL DABA	320	5	35	00	0	0	—	13.0		27	26		22		52	16	0		
ALEXANDRIA	330	8	50	00	0	0	—	13.4	+2.5	25	27	−2	22	0	70	19	0	267	186
FOUAD (Airport)	360	14	18	02	0	0	—	12.9		26	28		21		62	18	0	265	138
DAMIETTA	340	5	7	02	0	0	—	12.3	+2.4	26	28		20		70	20	0	319	106
PORT SA'ÎD	350	5	14	01	0	3	Sc	12.0		26	28		24		74	21	0	72	
EL 'ARISH			35	03	0	1	Cu	12.3	+2.5	27	30	+1	19	0	70	21	0		94
DAMANHUR	40	9	7	02	0	0	—	12.8	+2.7	26	30	−2	18	−1	62	18	0	102	101
MANŞURA	320	5	35	00	0	0	—	12.6	+2.3	27	33	−2	20	0	62	19	0	49	55
TANTA	360	8	35	02	0	0	—	13.6	+3.2	26	32	−3	17	−2	55	16	0	34	44
ZAGAZIG	320	5	7	00	0	0	—	12.6	+2.2	27	34	−1	20	+1	62	19	0	21	27
ISMA'ÎLÎA	340	2	7	00	1	3	Sc	12.0		27	34		21		62	19	0		
FAROUK (Airport)																			
ALMÂZA	30	10	15	01	2	2	Cu	12.3	+1.8	24	34		22		74	19	0		
EZBEKÎYA	70	5	15	01	0	1	Cu	12.6	+2.1	25	34	−2	22	+1	70	19	0	8	26
GÎZA	70	5	15	01	0	1	Cu	12.7	+2.1	26	34	−1	21	+2	64	18	0	16	27
HELWÂN	360	10	15	00	0	0	—	11.9	+1.6	24	33	−2	20	−1	61	16	0	16	29
FAIYÛM	360	5		02	0	0	—	11.9	+1.8	25			20	0	70	19	0	8	8
MINYA	20	17	6	10	1	0	—	11.0		24	35		19		69	18	0	5	
ASYÛT MANQABÂD	360	8	30	30	[illegible]	[illegible]	—	10.4		25			20		65	19	0	Dr.	
NAG' HAMMÂDI	320	2	3	00	0	0	—	8.4	+0.4	28	35		22		52	17	0	0	
QENA	270	5	35	00	0	0	—	8.0	+0.6	29	40	−1	24	0	40	14	0	Dr.	
LUXOR											40							Dr.	
ASWÂN	00	0	50	00	0	0	—	8.0	+0.3	32	42	0	25	−1	36	15	0	2	
SÎWA	00	0	35	00	0	0	—	15.5	+2.7	27	37	−1	19	−1	55	17	0	1	8
BAHARÎYA	360	5	35	02	0	0	—	12.7	+1.8	25	35	−1	19	−1	61	17	0	Dr.	7
FARAFRA	360	8	15	02	0	0	—	13.0		24	35		18		69	18	0	Dr.	
DAKHLA	320	13	35	00	0	0	—	10.6	+0.6	25	35	−4	22	−1	58	16	0	Dr.	
KHARGA	360	2	35	00	0	0	—	9.6	+1.1	28	36	−3	24	+1	62	20	0	0	
SUEZ	00	0	35	00	0	0	—	11.0	+1.6	26	34	−2	20	−2	55	16	0	12	17
TÔR	310	8	35	00	0	0	—	9.6	+2.6	26	30	−4	24	0	70	20	0	Dr.	13
HURGHADA	330	21		00	0	0	—	8.2		27	28		25		52	16	0	7	
QUSEIR	360	13	15	02	0	0	—	7.6	+0.5	29	30	−3	25	−1	70	23	0	0	4
PORT SUDÂN	360	1	30	01	2	7	Cs	5.7		33	40		30		59	24	0	41	97
WÂDI HALFA	360	1	30	00	0	0	—	9.3		28	40		23		25	6	0	14	
ABU HAMAD	360	9	30	00	0	0	—	6.1		34	43		26		18	6	0		
KAREIMA	360	11	30	00	0	0	—	7.9		33	41		25		12	0	0	5	2
'ATBARA	340	9	30	00	0	0	—	5.8		34	43		27		16	5	0	8	8
KHARTÛM	230	10	30	03	1	4	Ac, Cc	7.9		31	42		27		38	15	0	13	16
KASSALA	180	5	30	01	1	1	Ac	8.7		29	30		25		49	17	0	45	53
WÂD MEDANI	230	9	50	02	1	7	Ci	9.2		30	41		26		49	18	0	128	58
RENK	230	5	50	00	0	0	—	9.8		30	35		22		66	23	0		168
ROSEIRES	130	2	15	02	2	6	St, As	9.9		25	37		22		70	19	0	193	239
EL OBEID	240	6	30	03	1	6	Ac	9.4		29	39		25		37	13	0	95	72
EL FÂSHER	30	5	30	00	0	2	Ci			28	39		23		12	−4	0	18	34
GENEINA	230	1	30	00	0	1	Ac			25	36		22		70	19	Dr.		79
MALAKÂL	180	7	30	02	2	7	Ac	11.1		20	31		23		84	23	0	463	328
WÂU	180	8	30	01	1	3	Ac	10.8		25	32		23		79	21	Dr.	513	535
JUBA	100	5	30	02	2	6	Ac, Ci	13.0		24	31		21		84	21	0	437	605

HUMIDITY % Mean of day

Station	on 29th	Diff. from normal
Alexandria	69	−5
Ezbekîya	58	+1
Gîza	53	−3
Helwân	49	+5

GÎZA GRASS MINIMUM TEMP. ON 30th 19.0 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. feet	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — On ..... At ..... AIRPORT

Pressure mbs.	Height above M.S.L. feet	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. feet	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. feet	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 29th

Height m.	Matrûh Dir.	Matrûh Vel.			Fouad Dir.	Fouad Vel.			Minya Dir.	Minya Vel.														
Time	05 30				15				15															
300	340	16			350	17			10	13														
600	10	22			340	17			10	12														
1000	360	23			360	19			20	15														
1500	350	40			340	10			20	13														
2000					10	16			20	11														
3000					340	18			20	13														
4000					350	23																		
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 30th

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Farouk Dir.	Farouk Vel.
Time	5		4 30		3						6 15		6 15		9				5		9		3	
300	240	7			350	20					20	5	360	24	330	3					340	28	10	1
600	340	12			10	29					10	17	10	22	350	10			210	6	320	23	20	15
1000	330	12			360	29					10	22	20	27	20	10			320	5	330	18	10	19
1500	330	9			10	22					20	29	20	22	20	2			100	2	330	22	10	24
2000	330	11	330	22	10	26					40	12	30	19	20	2			220	10	290	13	360	11
3000	330	18			350	26					360	13			40	9					190	23	360	12
4000					340	22									10	12								
5000																							300	14
6000																							290	18
7000																								
8000																								

Height m.	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time	4 30		5		5		3 30										4		3 15				3 30	
300	50	16	20	20	340	23	360	16																
600	60	13	30	28	360	16	360	23									180	16					170	17
1000	40	15	30	62	20	31	360	24									220	19	220	19			190	18
1500	30	25	60	36	360		10	33									260	26	220	13			180	7
2000	20	27																	200	6			40	8
3000	30	23															20	10					40	13
4000	10	43																						
5000	360	48																						
6000																								
7000																								
8000																								

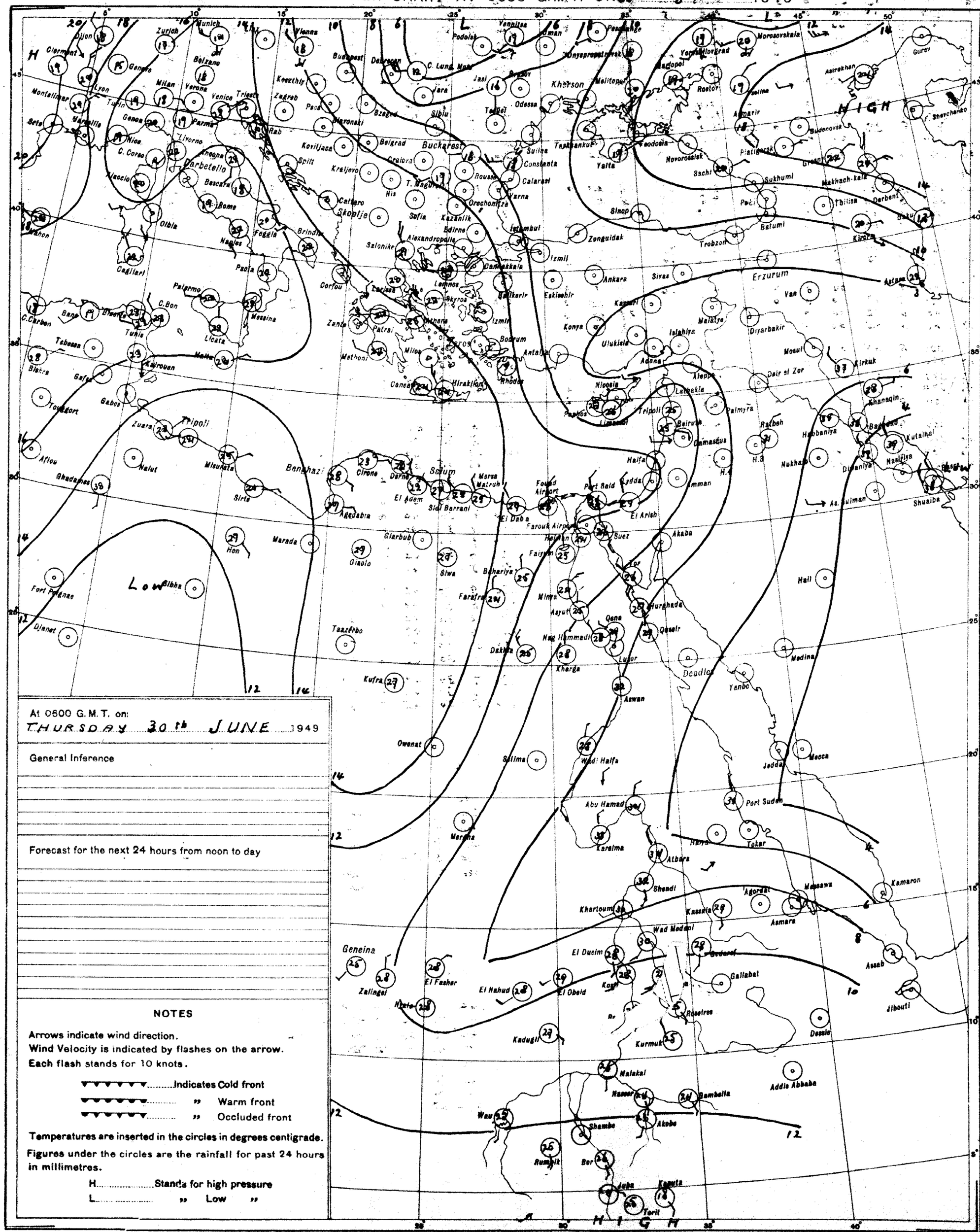
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

K. N.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/450).

Form No. 7F: SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 30th 6 1949



PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	" or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	" " hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
" " hail		87
Rain / Hail	Thunderstorm during the past hour	91
		93
Thunderstorm with rain		95
" " hail		96
" " Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

Cloudless		
Cirrus	Ci	1
Cirrostratus	Cs	2
Cirrocumulus	Cc	3
Altocumulus	Ac	4
Altostratus	As	5
Stratocumulus	Sc	6
Nimbostratus	Ns	7
Cumulus or Fractocumulus	Cu or Fc	8
Cumulonimbus	Cb	9
Stratus or Fractostratus	St or Fs	0

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th " " "	2
3/8 " " " "	3
4/8 " " " "	4
5/8 " " " "	5
6/8 " " " "	6
7/8 " " " "	7
Sky completely covered	8
" obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1948(48/195)(48/450)

SCALE 1:15,000,000