QC 991 .E3 D3 1949 (Jul.-Dec)

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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. Physical department.

Form No 7 F.

DAILY WEATHER REPORT

July-Dec. 1949

Date: Friday 1st July, 1949

At 1200 on Thur. 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	360	13	7	02	0	0	–	13.6	29	40	14
	62303	SIDI BARANI	290	11	35	02	2	8	Cs	14.7	26	74	21
	62306	MATRUH	10	12	18	00	0	0	–	13.8	28		
	62309	EL DABA	320	6	35	00	0	0	–	14.2	27	55	17
		ALEXANDRIA	360	11	50	00	0	0	–	12.6	26	70	20
	62318	FOUAD (Airport)	330	12	18	02	0	0	–	12.4	28	58	19
	62330	DAMIETTA	340	2	15	02	0	0	–	12.0	29	46	16
	62333	PORT SAID	350	9	30	02	0	0	–	10.8	28	55	18
	62336	EL ARISH	320	2	35	01	0	0	–	11.2	27	70	21
Lower Egypt	62339	DAMANHUR	230	9	15	02	0	0	–	12.3	32	41	17
	62342	MANSURA	20	13	35	00	0	0	–	11.8	34	22	9
	62348	TANTA	360	5	35	02	0	0	–	12.7	34	22	9
	62354	ZAGAZIG	40	5	15	00	0	0	–	12.7	34	32	15
	62441	ISMAILIA	20	9	35	02	0	0	–	11.0	33	21	8
Cairo Area	62366	FAROUK (Airport)	20	13	30	00	0	0	–	10.6	34	25	11
	62372	ALMAZA	20	13	15	00	0	0	–	10.5	33	38	17
		EZBEKIYA	360	12	35	00	0	0	–	10.3	33	34	15
		GIZA	360	12	35	00	0	0	–	11.4	33	30	13
	62378	HELWAN	360	16	35	02	0	0	–	10.4	34	14	3
Upper Egypt	62381	FAIYUM	360	5	35	02	0	0	–	10.4	34	22	9
	62387	MINYA	20	22	8	00	0	0	–	9.4	35	23	11
	62393	ASYUT Manqabad	340	10	30	00	0	0	–	7.7	38	13	5
	62399	NAG HAMMADI	320	2	7	00	0	0	–	6.4	37	18	9
	62402	QENA	270	5	50	00	0	0	–	6.0	40	23	15
	62405	LUXOR											
	62414	ASWAN	00	0	50	00	0	0	–	5.5	41	22	15
Oases	62417	SIWA	00	0	35	00	0	0	–	15.2	37	53	26
	62420	BAHARIYA	360	5	35	02	0	0	–	11.0	36	20	10
	62423	FARAFRA	20	5	15	02	0	0	–	11.6	35	23	11
	62432	DAKHLA	320	6	50	00	0	0	–	9.0	35	32	16
	62435	KHARGA	00	0	35	00	0	0	–	7.6	37	35	19
Red Sea	62450	SUEZ	360	6	35	02	0	0	–	9.0	34	32	15
	62459	TOR	310	7	35	00	0	0	–	7.9	29	66	22
	62462	HURGHADA	360	16		00	0	0	–	7.0	29	62	21
	62465	QUSEIR	360	13	15	02	0	0	–	5.9	31	52	20
	62641	PORT SUDAN	80	9	7	05	2	0	–	2.9	39	38	22
North Sudan	62600	WADI HALFA	340	6	30	00	0	0	–	6.1	38	11	3
	62640	ABU HAMAD	360	8	30	00	0	0	–	3.4	42	8	1
	62660	KAREIMA	310	9	30	00	0	0	–	3.4	40	10	2
	62680	ATBARA	290	5	30	00	0	0	–	3.1	42	10	4
	62721	KHARTUM	20	5	30	00	0	0	–	4.8	37	31	17
	62730	KASSALA	~~250~~	2	30	00	0	0	–	4.8	38	29	17
Central Sudan	62751	WAD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	310	6	30	03	1	4	Cu,Ac	9.2	37	33	18
	62760	EL FASHER	70	9	30	01	1	5	Cu,C		38	11	3
	62770	GENEINA											
S. Sudan	62840	MALAKAL											
	62880	WAU	180	20				8	Ac	10.3	29	66	22
	62941	JUBA	90	2	30	03	2	2	Cu,Ac	8.7	33	53	22

At 1800 on Thur. 30th

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs	Temperature °C	Humidity %	Dew point °C	Rain past 12 hrs mms
SALUM	40	2	7	02	0	0	–	13.5	25	70	19	0
SIDI BARANI	20	3	35	02	2	8	Cs	13.9	23	89	21	0
MATRUH	30	3	13	03	2	6	Cu	13.4	23	89	21	0
EL DABA	320	3	15	00	0	0	–	12.4	25	70	19	0
ALEXANDRIA	330	5	7	00	0	0	–	12.7	23	74	18	0
FOUAD (Airport)	340	12	12	02	0	0	–	12.0	24	69	18	0
DAMIETTA	340	2		01	0	1	Ac	11.9	24	94	23	0
PORT SAID												
EL ARISH	340	2	15	02	0	0	–	11.4	25	74	20	0
DAMANHUR	360	9	7	02	0	0	–	13.3	24	69	18	0
MANSURA	320	5		00	0	0	–	11.9	26	62	18	0
TANTA	310	2	35	02	0	0	–	11.4	25	47	13	0
ZAGAZIG	40	5		00	0	0	–	11.5	27	25	14	0
ISMAILIA	360	2	15	02	0	0	–	11.0	28	33	10	0
FAROUK (Airport)												
ALMAZA												
EZBEKIYA	330	5	15	00	0	0	–	11.0	29	40	14	0
GIZA	330	5	15	00	0	0	–	11.8	29	38	13	0
HELWAN	340	11	15	00	0	0	–	10.4	30	25	8	0
FAIYUM	360	2	18	02	0	0	–	9.9	32	15	11	0
MINYA	20	9	8	00	0	0	–	9.6	30	35	13	0
ASYUT												
NAG HAMMADI	00	0		00	0	0	–	5.5	29	52	18	0
QENA	240	9	7	00	0	0	–	6.2	33	24	10	0
LUXOR												
ASWAN	00	0	50	00	0	0	–	5.3	38	21	12	0
SIWA	00	0	7	00	0	0	–	13.4	32	19	20	0
BAHARIYA	360	4	15	02	0	0	–	11.5	32	28	11	0
FARAFRA	320	5	15	02	0	0	–	11.5	30	25	8	0
DAKHLA	320	6	35	00	0	0	–	8.6	34	36	17	0
KHARGA	20	3	15	00	0	0	–	7.8	33	34	15	0
SUEZ	00	0	7	02	0	0	–	10.2	29	35	12	0
TOR	310	11	35	00	0	0	–	6.6?	31	49	19	0
HURGHADA	310	16		00	0	0	–	7.2	30	55	20	0
QUSEIR	330	9	15	02	0	0	–	7.0	29	66	22	0

At 0600 on Friday 1st July

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs	Diff. from normal mbs	Dry bulb °C	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew point °C	Rainfall Past 24 hrs	Rainfall Total from Oct. 1st	Rainfall Normal from Oct. 1st	Station
SALUM	90	5	7	02	0	0	–	11.1		25	30		19		74	20	0			SALUM
SIDI BARANI	00	0	35	02	2	8	Sc,Ac Cs	11.4		24	28		18		94	23	0	278		SIDI BARANI
MATRUH	00	0		00	0	0	–	10.7		26	29		17		70	20	0			MATRUH
EL DABA	180	2	50	00	0	0	–	11.0		24	27		20		84	21	0			EL DABA
ALEXANDRIA	270	6	50	00	0	0	–	11.0	+0.2	25	28	-1	22	0	70	19	0	267	186	ALEXANDRIA
FOUAD (Airport)	200	3	14	02	0	0	–	11.0		25	29		20		70	19	0	265	138	FOUAD (Airport)
DAMIETTA	320	2		00	0	0	–	10.8	+1.0	26	30		19		62	18	0	319	106	DAMIETTA
PORT SAID	350	4	14	02	0	0	–	10.4		26			23		62	18	0	72		PORT SAID
EL ARISH	320	2	35	03	1	3	Cu	11.0	+1.3	27	29	0	18	-1	61	19	0		94	EL ARISH
DAMANHUR	270	5	7	02	0	0	–	11.5	+1.5	26	32	-1	19	0	70	20	0	102	101	DAMANHUR
MANSURA	320	5	35	00	0	0	–	11.1	+1.0	26	36	+1	20	0	66	19	0	49	55	MANSURA
TANTA	310	8	35	02	0	0	–	11.6	+1.3	25	34	-1	15	-4	54	15	0	34	44	TANTA
ZAGAZIG	220	2	7	00	0	0	–	10.4	+0.1	27	35	0	19	0	62	19	0	21	27	ZAGAZIG
ISMAILIA	340	2	3	00	1	3	Sc	10.8		26	35		21	0	70	20	0	14		ISMAILIA
FAROUK (Airport)																				FAROUK (Airport)
ALMAZA																				ALMAZA
EZBEKIYA	30	4	15	00	0	0	–	10.8	+0.4	25	34	-2	21	0	70	19	0	8	26	EZBEKIYA
GIZA	30	4	15	00	0	0	–	11.4	+0.9	23	34	-1	20	+1	73	18	0	16	27	GIZA
HELWAN	360	3	15	00	0	0	–	10.4	+0.2	25	35	0	20	-1	61	17	0	16	29	HELWAN
FAIYUM	360	2	35	02	0	0	–	10.7	+0.7	24			20	0	74	19	0	8	8	FAIYUM
MINYA	30	10	10	00	0	0	–	10.7		25	36		19		70	19	0	5		MINYA
ASYUT Manqabad	310	3	30	00	0	0	–	9.3		26			21		48	14	0	Dr.		ASYUT Manqabad
NAG HAMMADI	340	1	7	00	0	0	–	7.4	-0.6	28	38		20		45	15	0	0		NAG HAMMADI
QENA	290	5	7	00	0	0	–	7.4	0.0	29	43	+2	24	0	35	12	0	Dr.		QENA
LUXOR	00	0	30	00	0	0	–	6.9		33			22		30	13	0	Dr.		LUXOR
ASWAN	360	16	50	00	0	0	–	6.8	-0.8	31	43	+1	27	+1	21	6	0	2		ASWAN
SIWA	00	0	35	00	0	0	–	12.9	+0.1	28	39	+1	22	+2	62	20	0	1	8	SIWA
BAHARIYA	360	4	35	02	0	0	–	11.8	+1.0	26	37	+1	21	+1	55	16	0	Dr.	7	BAHARIYA
FARAFRA	320	1	15	02	0	0	–	10.6		29	37		22		35	12	0	Dr.		FARAFRA
DAKHLA	00	0	35	00	0	0	–	9.5	-0.4	30	38	-1	24	+1	46	17	0	Dr.		DAKHLA
KHARGA	20	6	35	00	0	0	–	8.8	+0.4	30	39	0	26	+3	46	17	0	0		KHARGA
SUEZ	360	3	35	00	0	0	–	10.2	+0.9	26	35	-1	21	-1	70	20	0	12	17	SUEZ
TOR	310	4	35	00	0	0	–	8.4	+1.5	26	31	-3	24	0	62	18	0	Dr.	13	TOR
HURGHADA	340	17		00	0	0	–	7.8		27	30		24		58	18	0	7		HURGHADA
QUSEIR	360	13	15	02	0	0	–	6.0	-1.0	29	32	-1	26	0	59	20	0	0	4	QUSEIR
PORT SUDAN	340	4	30	00	0	0	–	4.5		34					56	24	0	40	97	PORT SUDAN
WADI HALFA	350	3	30	00	0	0	–	7.1		29					27	8	0	27		WADI HALFA
ABU HAMAD	310	2	30	03	0	3	Ac	5.3		33					17	5	0			ABU HAMAD
KAREIMA																	0	6	2	KAREIMA
ATBARA																	0	8	9	ATBARA
KHARTUM	210	3	30	03	1	4	Ac	7.4		31					17	5	0	14	17	KHARTUM
KASSALA																	0	45	54	KASSALA
WAD MEDANI																	0	98	59	WAD MEDANI
RENK																	0		171	RENK
ROSEIRES	180	5	35	00	0	0	–	9.5		27	34		24		70	21	0	177	249	ROSEIRES
EL OBEID																	0	63	73	EL OBEID
EL FASHER																	0	18	35	EL FASHER
GENEINA																	0		82	GENEINA
MALAKAL																	0	489	333	MALAKAL
WAU	180	2	30	02	1	7	Ac	11.8		23	31		23		89	21	Dr.	514	541	WAU
JUBA	230	3	10	03	2	6	Cb,Ac	13.1		25	33		21		79	21	0	443	605	JUBA

Humidity % Mean of day

Station	On 30th	Diff. from normal
Alexandria	15	-9
Ezbekiya	52	-5
Giza	47	-9
Helwan	41	-3

GIZA
GRASS MINIMUM TEMP.
ON 1st July 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			

Remarks

Rawinsonde

Farouk Airport — On 1st At 3h

Pressure mbs	Height above M.S.L. feet	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	96	21	69	340	4
950					
900					
850	1480	15	45	360	21
800					
700	3110	11		360	20
600					
500	5832	-6		290	17
400		-13			
300					

Airport — On ... At ... (blank, 1000–300 mbs)

Airport — On ... At ... (blank, 1000–300 mbs)

UPPER WIND OBSERVATIONS on 30th June 1949

Height m.	Matruh Dir.	Matruh Vel.	Fouad Ap. Dir.	Fouad Ap. Vel.	Port Said Dir.	Port Said Vel.	Minya Dir.	Minya Vel.	Hurghada Dir.	Hurghada Vel.
Time	15 15		15		14		15		15	
300	320	13	340	23	340	7	360	30	330	56
600	320	21	350	18	330	10	360	30	330	40
1000	320	30	340	16	320	16	10	30	10	9
1500	310	28	310	16	330	32	10	28	220	5
2000	320	26	310	23	330	18	10	29	170	11
3000					290	21				
4000										
5000										
6000										
7000										
8000										

UPPER WIND OBSERVATIONS on 1st

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 Dir.	Vel.
Time	9		4 30		3		4						3								9			
300	110	3	100	7	350	8	320	10					10	20	320	8					360	42	360	11
600	170	3	100	4	360	16	340	11					360	15	340	13					320	36	360	13
1000	180	1	310	13	340	14	340	12					340	17	350	22					320	30	360	12
1500	230	8	300	8	330	24	280	9					350	18	360	22					310	30	330	21
2000	240	14			330	30	300	16													270	15	340	32
3000	250	15			320	28	330	30															330	20
4000																								
5000																							280	21
6000																							290	17
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	4 30		9				7				9		8		8		9						9	
300	120	17	30	10	350	7	10	23																
600	130	15	20	12	10	9	10	23			300	6	330	5			210	18					200	8
1000	160	10	10	15	360	17	10	31			310	8	350	12			210	10					200	5
1500	220	10	340	18	350	27	20	22			190	13	340	11	330	6	250	8					130	1
2000	260	11					20	18			270	3			330	4								
3000	300	28													20	5								
4000	310	28													110	12								
5000	300	39													320	25								
6000	300	30													50	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.

K. N.

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

Note: All times G. M. T.

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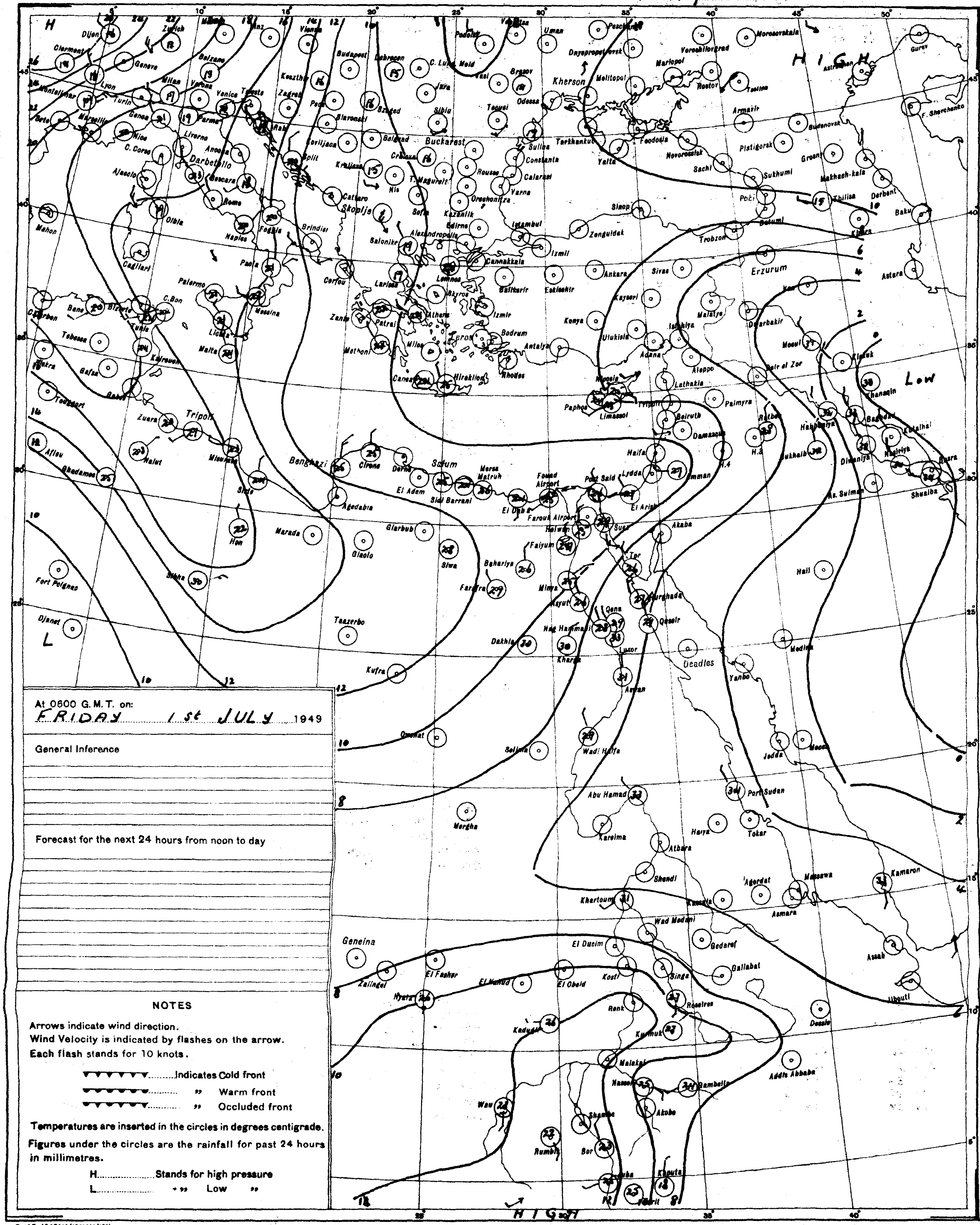
September 14, 1999

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 1st 7 1949



At 0600 G.M.T. on:
FRIDAY 1st JULY 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 "

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

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

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

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

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

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

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: Saturday 2nd July, 1949

At 1200 on Frid 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	360	18	7	02	0	0	–	8.4	28	58	19
	62303	SIDI BARANI	360	12	35	02	2	8	Cs	9.5	27	79	23
	62306	MATRUH	70	9		00	0	0	–	9.1	30	52	19
	62309	EL DABA	40	5	35	00	0	0	–	9.7	28	40	13
		ALEXANDRIA	360	5	50	00	0	0	–	9.1	26	62	18
	62318	FOUAD (Airport)	340	12	18	02	0	0	–	9.8	28	45	15
	62330	DAMIETTA	340	2	15	00	0	0	–	9.6	29	29	9
	62332	PORT SAID	360	7	30	02	0	0	–	9.1	28	45	15
	62336	EL ARISH											
Lower Egypt	62339	DAMANHUR	310	9	15	02	0	0	–		32	43	18
	62347	MANSURA	360	9	35	00	0	0	–	8.7	33	24	10
	62348	TANTA	310	5	35	02	0	0	–	8.6	33	30	13
	62354	ZAGAZIG	320	5	15	00	0	0	–	8.7	33	34	15
	62441	ISMAILIA	340	2	15	02	0	0	–	8.4	35	27	13
Cairo Area	62366	FAROUK (Airport)											
	62372	ALMAZA	20	13	30	00	0	0	–	8.1	33	34	15
		EZBEKIYA	30	5	35	00	0	0	–	7.9	33	30	13
		GIZA	30	5	35	00	0	0	–	9.2	33	30	14
	62378	HELWAN	320	6	15	06	0	0	–	7.6	34	18	6
Upper Egypt	62381	FAIYUM	360	2	35	02	0	0	–	7.8	34	22	9
	62387	MINYA	20	13	14	00	0	0	–	7.7	35	25	12
	62393	ASYUT	310	13	33	00	0	0	–	6.7	36	18	8
	62399	NAG HAMMADI	270	4	15	00	0	0	–	5.0	37	27	15
	62402	QENA	240	9	50	00	0	0	–	3.9	42	12	7
	62405	LUXOR											
	62414	ASWAN	40	1	50	00	0	0	–	3.4	41	10	4
Oases	62417	SIWA	110	5	35	00	0	0	–	9.4	41		
	62420	BAHARIYA	360	3	35	02	0	0	–	9.0	37	18	9
	62423	FARAFRA	360	3	35	02	0	0	–	9.0	38	16	8
	62432	DAKHLA	320	6	50	00	0	0	–	7.2	37	27	15
	62435	KHARGA	20	3	35	00	0	0	–	6.7	39	34	20
Red Sea	62450	SUEZ	360	9	35	02	0	0	–	7.9	31	28	10
	62459	TOR											
	62462	HURGHADA	320	19		00	0	0	–	4.9	29	59	20
	62465	QUSEIR	20	13	15	02	0	0	–	6.4	30	70	24
	62641	PORT SUDAN	70	8	10	00	0	1	Ac	2.6	40	40	24
North Sudan	62600	WADI HALFA	20	6	30	00	0	0	–	3.5	41	11	5
	62640	ABU HAMAD	310	3	30	00	1	0	–	2.8	43	9	4
	62660	KAREIMA	310	5	30	02	0	0	–	3.2	41	10	3
	62680	ATBARA	340	9	30	03	0	1	Cc	2.9	43	11	6
	62721	KHARTUM	340	4	30	00	0	0	–	3.5	41	16	10
	62730	KASSALA											
Central Sudan	62751	WAD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	310	6	30	00	0	0	–	4.4	37	25	14
	62760	EL FASHER	50	5	30	00	0	1	Ci		37	13	4
	62770	GENEINA	130	7	30	01	0	3	Cu		35	29	14
S. Sudan	62840	MALAKAL											
	62880	WAU	210	3	30	02	1	7	Cu, Ci	8.0	32	56	22
	62941	JUBA											

At 1800 on Frid 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	3	7	02	0	0	–	8.3	24	69	18	0
SIDI BARANI	40	9	35	02	2	8	Cs	9.8	24	94	23	0
MATRUH	100	6	13	00	0	0	–	8.2	25	74	20	0
EL DABA	40	3	15	00	0	0	–	8.3	25	47	13	0
ALEXANDRIA	60	4	7	00	0	0	–	8.3	24	69	18	0
FOUAD (Airport)	40	7	18	02	0	0	–	8.2	23	61	15	0
DAMIETTA	320	2		00	0	0	–	8.8	24	69	18	0
PORT SAID	350	9	14	02	0	0	–	8.8	25	74	20	0
EL ARISH			15	02	0	0	–	9.4	24	69	18	0
DAMANHUR	40	5	7	02	0	0	–	8.3	24	74	19	0
MANSURA	20	5		00	0	0	–	8.4	25	54	15	0
TANTA	00	0	35	02	0	0	–	8.5	26	42	12	0
ZAGAZIG	40	5		00	0	0	–	8.7	27	52	16	0
ISMAILIA	20	2	7	02	0	0	–	8.7	27	52	16	0
FAROUK (Airport)												
ALMAZA												
EZBEKIYA	20	1	15	00	0	0	–	8.0	28	45	15	0
GIZA	20	1	15	00	0	0	–	9.2	29	33	12	0
HELWAN	360	10	15	06	0	0	–	7.5	30	25	8	0
FAIYUM	360	2	35	02	0	0	–	6.8	32	34	14	0
MINYA	10	6	10	00	0	0	–	6.5	28	42	14	0
ASYUT												
NAG HAMMADI	00	0	7	00	0	0	–	3.8	31	38	15	0
QENA	360	5	7	00	0	0	–	4.0	36	13	4	0
LUXOR	00	0	12	00	0	0	–	3.3	33	32	14	0
ASWAN	360	3	50	00	0	0	–	3.6	37	14	6	0
SIWA	00	0	7	00	0	0	–	5.1	37	53	26	0
BAHARIYA	00	0	15	02	0	0	–	7.8	33	30	13	0
FARAFRA	40	1	15	02	0	0	–	7.5	33	22	8	0
DAKHLA	320	2	35	00	0	0	–	6.0	32	38	16	0
KHARGA	360	1	15	00	0	0	–	6.2	33	38	17	0
SUEZ	360	10	7	02	0	0	–	8.6	28	45	15	0
TOR												
HURGHADA	270	15		00	0	0	–	4.9	30	43	16	0
QUSEIR	360	9	15	02	0	0	–	5.3	29	59	20	0
PORT SUDAN												

At 0600 on Saturday 2nd July

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs	Diff. from normal mbs	Dry Bulb °C	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew point °C	Rainfall Past 24 hrs	Total from Oct. 1st	Normal from Oct. 1st	Station
SALUM	340	6	7	03	2	5	Ac	8.4		26	30		20		62	18	0			SALUM
SIDI BARANI	340	9	50	02	2	8	Sc, Cs	8.8		24	28		22		84	21	0	278		SÎDI BARÂNI
MATRUH	30	7	14	00	0	0	–	8.0		25	33?		21		79	21	0			MATRÛH
EL DABA	40	4	35	00	0	0	–	7.6		26	27				70	20	0			EL DABA
ALEXANDRIA	40	3	50	00	0	0	–	7.2	-3.5	26	28	-1	21	-1	62	18	0	267	186	ALEXANDRIA
FOUAD (Airport)	70	7	18	02	0	0	–	7.1		27	30		18		55	17	0	265	138	FOUAD (Airport)
DAMIETTA	20	2	7	00	0	0	–	7.6	-2.1	27	30		18		70	21	0	319	106	DAMIETTA
PORT SAID	80	3	12	02	0	0	–	7.8		27	30		23		66	20	0	72		PORT SA'ÎD
EL ARISH			35	02	0	0	–	7.0	-2.6	29	29	0	18	-1	46	16	0		94	EL 'ARISH
DAMANHUR	130	9	7	02	0	0	–	7.8	-2.1	27	33	0	19	0	62	19	0	102	101	DAMANHÛR
MANSURA	90	5	35	00	0	0	–	7.1	-2.9	28	34	-1	20	0	58	19	0	49	55	MANSÛRA
TANTA	90	2	35	02	0	0	–	7.9	-2.3	28	33	-2	21	+2	45	15	0	34	44	TANTA
ZAGAZIG	40	5	7	00	0	0	–	7.8	-2.5	28	35	0	20	+1	52	17	0	21	27	ZAGAZIG
ISMAILIA	40	2	7	02	1	0	–	6.7		28	36		21		33	10	0	14		ISMAÎLÎA
FAROUK (Airport)																				FAROUK (Airport)
ALMAZA	00	0	12	00	0	0	–	6.4	-3.9	28			20		45	15	0			ALMÀZA
EZBEKIYA	00	0	15	00	0	0	–	6.6	-3.7	31	35	-1	21	0	38	15	0	8	26	EZBEKÎYA
GIZA	00	0	15	00	0	0	–	7.0	-3.4	28	34	-1	19	0	44	14	0	16	27	GÎZA
HELWAN	00	0	7	00	0	0	–	6.6	-3.5	30	35	0	24	+3	31	11	0	16	29	HELWÂN
FAIYUM	00	0	35	02	0	0	–	6.3	-3.6	30			21	+1	40	15	0	8	8	FAIYÛM
MINYA	00	0	10	00	0	0	–	6.3		29	36		18		40	14	0	5		MINYA
ASYUT	90	2	30	00	0	0	–	6.1		31			24		29	11	0	Dr.		ASYÛT MANQABAD
NAG HAMMADI	320	3	3	00	0	0	–	6.2	-1.7	30	38		19		40	15	0	C		NAG' HAMMÂDI
QENA	220	2	35	00	0	0	–	6.3		30	43	+2	24	0	35	13	0	Dr.		QENA
LUXOR											42							Dr.		LUXOR
ASWAN	360	6	50	00	0	0	–	5.9	-1.7	32	42	0	26	0	21	7	0	2		ASWÂN
SIWA	320	10	35	00	0	0	–	7.5	-5.2	27	43	+5	23	+3	70	21	0	1	8	SÎWA
BAHARIYA	180	8	35	00	0	0	–	6.3	-4.4	30	39	+3	21	+1	85	13	0	Dr.	7	BAHARÎYA
FARAFRA	200	2	15	02	0	0	–	6.2		32	40		22		20	6	0	Cr.		FARAFRA
DAKHLA	00	0	35	00	0	0	–	5.4	-4.4	29	39	0	23	0	46	16	0	Dr.		DAKHLA
KHARGA	00	0	35	00	0	0	–	6.8	-1.5	33			23	0	41	18	0	0		KHARGA
SUEZ	00	0	35	00	0	0	–	7.1	-2.2	28	35	-1	21	-1	45	15	0	12	17	SUEZ
TOR																		Dr.	13	TÔR
HURGHADA	310	11		00	0	0	–	5.8		27	30		23				0	7		HURGHADA
QUSEIR	310	9	15	02	0	0	–	7.0	0.0	32	32	-1	20	0	38	16	0	0	4	QUSEIR
PORT SUDAN	00	0	30	00	1	0	–	4.5		33	41		20		66	25	0	40	97	PORT SÛDÂN
WADI HALFA	260	2	30	02	1	5	Ci	5.6		29	43		24		27	8	0	27		WÂDI HALFA
ABU HAMAD	340	5	30	01	1	1	Ci	4.4		36	44		28		9	-2	0			ABU HAMAD
KAREIMA	340	3	30	00	1	1	Ac	4.9		32	43		26		16	3	0	6	2	KAREIMA
ATBARA																	0	8	9	'ATBARA
KHARTUM	250	8	30	03	1	2	Ac	6.1		31	42		25		33	13	0	14	17	KHARTÛM
KASSALA	180	9	10	00	0	0	–	6.6		31	40		27		49	19	0	45	56	KASSALA
WAD MEDANI																	0	98	60	WÂD MEDANI
RENK	230	9	50	01	1	6	Ci			27					79	23	0		174	RENK
ROSEIRES																	0	177	249	ROSEIRES
EL OBEID	250	12	30	02	2	8	Ac	7.8		29	38		27		55	19	0	63	74	EL OBEID
EL FASHER	360	2	30	00	0	0	–			29	39		23		17	1	0	18	36	EL FÂSHER
GENEINA	250	7	30	02	1	6	Cs			26	36		23		62	18	0		85	GENEINA
MALAKAL	180	4	30	02	6	8	Ac	11.3		22	33		21		94	21	43	532	338	MALAKÂL
WAU																		514	547	WÂU
JUBA	110	2	30	01	6	6	Sc, Ac	13.8		23	33		20		84	20	0.3	444	613	JUBA

Humidity % Mean of day

Station	1st	Diff. from normal
Alexandria	64	-10
Ezbekiya	51	-6
Giza	56	0
Helwan	43	-2

GIZA
Grass minimum temp. on 2nd July 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

Farouk Airport — On 2nd At 3h

Pressure mbs	Height above M.S.L. feet	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000		23	27	150	4
950					
900					
850	1460	18	37	320	9
800					
700	3090	7	76	310	29
600					
500	5788	6		270	20
400		-13			
300					

Airport — On ... At ... (blank)

Airport — On ... At ... (blank)

UPPER WIND OBSERVATIONS on 1st

Station	Fouad A.P.		Minya		Hurghada	
Time	15		15		15	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	350	14	360	23	290	38
600	320	9	360	23	320	36
1000	300	12	360	30	310	35
1500	310	20	10	25	320	16
2000	310	17			200	22
3000	290	22				
4000						
5000						
6000						
7000						
8000						

UPPER WIND OBSERVATIONS on 2nd

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Saîd		El 'Arîsh		Helwân		Minya		Asyût Manqabad		Luxor		Aswân		Hurghada		Farouk	
Time	9		4 30		7		4				9 45		3		9				9		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	330	13	360	10	70	6	60	8			190	5	360	14	90	7			360	4	340	6	100	5
600	340	8	350	8	40	5	140	7			200	5	10	14	90	5			330	10	310	9	60	7
1000	350	9	40	9	120	5	60	1			210	6	10	15	120	2			350	13	320	16	30	7
1500	310	6			120	10	330	8			220	10	20	13	360	5			340	16	270	1	320	9
2000	250	6			170	13	330	14					20	15	360	12			280	7	30	4	310	24
3000	280	7													340	19					320	12	310	29
4000																								
5000																							250	15
6000																							270	23
7000																								
8000																								

Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	9		9		9		7												3 15		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	360	22	230	35	140	6	50	7																
600	360	15	230	34	120	7	70	11															220	15
1000	360	16	230	35	170	11	60	8											250	8	210	4	210	15
1500	340	25			200	14	40	5											290	12	50	8	170	11
2000	330	10			170	31	10	8															110	9
3000	270	17					360	18											50	8	40	18		
4000	250	19																						
5000	270	26																	90	10				
6000	250	23																						
7000																								
8000																								

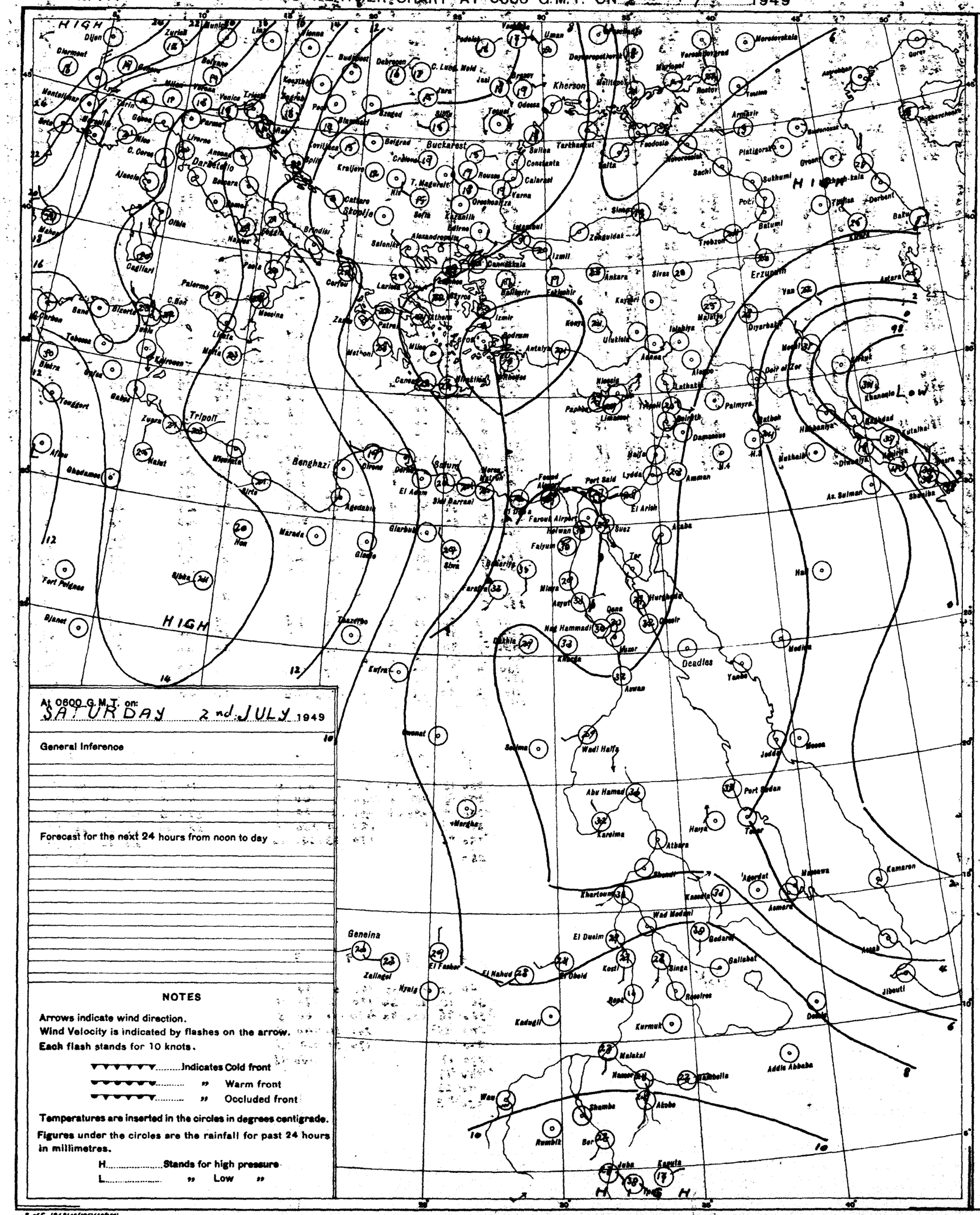
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 2nd 7 1949



At 0600 G.M.T. on: SATURDAY 2nd JULY 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	S
	" or sand raised by wind	07	≤
	Dust devil	08	≤
	Duststorm or sandstorm within sight or at station during last hour	09	(S)
	Mist	10	=
	Shallow fog	12	=
Lightning, no thunder heard		13	≤
Precipitation within sight		16	(•)
Thunder, no precipitation		17	(R)
During past hour and not at time of observation	Squalls	18	V
	Drizzle	20	,
	Rain	21	•
	Showers of rain	25	•
	" " hail	27	•
	Fog	28	≡
	Thunderstorm	29	R
Duststorm or Sandstorm		31	S
Fog		45	≡
Drizzle		50	,
Rain		60	•
Showers of rain		80	•
" " hail		87	•
Rain / Hail — Thunderstorm during the past hour		91	R• / R△
Thunderstorm with rain		95	R
" " hail		96	R
" " Sandstorm		98	R

PAST WEATHER.

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

Cloudless			○
Cirrus	Ci	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 tb " " "	2
3/8 " " "	3
4/8 " " "	4
5/8 " " "	5
6/8 " " "	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(46/1957(46/58)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 02 58 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 3rd July , 1949

At 1200 on Sat. 2nd

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALUM	360	15	7	02	0	9	—	8.0	27	55	17
	62303	SIDI BARANI	320	13	50	02	2	8	Cu	8.7	25	84	22
	62306	MATRUH	20	10	17	03	2	5	Cu		25	79	21
	62309	EL DABA	320	6	35	00	0	0	—	6.7	27	27	19
		ALEXANDRIA	360	10	50	00	0	0	—	5.8	26	70	20
	62318	FOUAD (Airport)	20	16	18	02	0	0	—	5.7	30	46	17
	62330	DAMIETTA	40	2	15	00	0	0	—	7.6	28	58	19
	62333	PORT SAID	50	12	30	02	0	0	—	7.8	28	70	22
	62336	EL 'ARISH	20	5	35	02	0	0	—	7.9	29	59	20
LOWER EGYPT	62339	DAMANHUR	90	13	15	02	0	0	—	6.4	35	32	16
	62342	MANSURA	40	5	35	00	0	0	—	6.4	36	33	17
	62348	TANTA	00	0	35	02	0	0	—	6.8	37	27	15
	62354	ZAGAZIG	40	9	15	00	0	0	—	7.1	37	27	15
	62441	ISMAILIA	00	0	35	02	0	0	—	6.0	33	19	11
CAIRO AREA	62366	FAROUK (Airport)	250	3	12	00	0	0	—	5.3	39	34	20
	62372	ALMAZA	270	7	18	00	0	0	—	4.4	39	26	16
		EZBEKIYA	90	1	35	00	0	0	—	4.8	39	21	13
		GIZA	90	1	35	00	0	0	—	5.6	40	18	12
	62378	HELWAN	160	4	35	02	0	0	—	4.6	39	17	10
UPPER EGYPT	62381	FAIYUM	00	0	35	02	0	0	—	4.6	39	17	10
	62387	MINYA	00	0	12	00	0	0	—	4.4	40	19	12
	62393	ASYUT MANQABAD	00	0	30	00	0	0	—	4.7	40	13	7
	62399	NAG' HAMMADI	270	2	7	00	0	0	—	3.1	40	23	15
	62402	QENA	270	5	50	00	0	0	—	3.4	43	13	9
	62405	LUXOR											
	62414	ASWAN	340	5	50	00	0	0	—	3.4	40	9	1
OASES	62417	SIWA	320	9	35	00	0	0	—	7.2	36		
	62420	BAHARIYA	270	9	35	02	0	0	—	5.0	42	12	7
	62423	FARAFRA	270	8	15	02	0	0	—	4.4	42	9	3
	62432	DAKHLA	320	6	50	00	0	0	—	3.5	41	26	18
	62435	KHARGA	00	0	35	00	0	0	—	3.8	42	32	22
RED SEA	62450	SUEZ	180	3	35	02	0	0	—	4.8	37	23	12
	62459	TOR	310	9	35	00	0	0	—	4.2	35	32	16
	62462	HURGHADA	360	4		00	0	0	—	5.4	35	53	24
	62465	QUSEIR	360	9	15	02	0	0	—	5.0	35	56	25
	62641	PORT SUDAN	60	12	30	00	0	0	—	0.2			27
NORTH SUDAN	62600	WADI HALFA	340	7	30	01	1	1	Cc	2.5	41	10	3
	62640	ABU HAMAD	310	2	30	00	0	0	—	1.5	44	8	3
	62660	KAREIMA	310	4	30	00	0	0	—	1.6	43	10	5
	62680	'ATBARA	310	2	30	03	1	3	Cu, Ac	9999.8	44	11	7
	62721	KHARTUM	230	8	30	01	1	1	Ac	3.1	40	8	0
	62730	KASSALA	230	9	30	00	0	0	—	1.7	42	16	11
CENTRAL SUDAN	62751	WAD MEDANI	230	9	35	01	1	6	Ac	3.1	39	20	12
	62801	RENK	230	9	50	00	0	0	—		32	5c	22
	62802	ROSEIRES											
	62771	EL OBEID	250	4	30	02	2	8	Cu, Cc	4.5	36	27	14
	62760	EL FASHER	20	2	30	01	1	7	Cu, Cc		38	11	3
	62770	GENEINA	290	8	30	17	0	7	Cb		36	20	10
S. SUDAN	62840	MALAKAL	200	8	30	03	2	7	Cu, Ac	10.8	29	66	22
	62880	WAU	00	0	30	02	1	6	Ac, Cc	8.8	30	55	20
	62941	JUBA	20	2	30	03	2	7	Cu, Ac	8.8	31	55	21

At 1800 on Sat 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.	RAIN PAST 12 hrs mms
MEDITERRANEAN	62300	SALUM	360	4	7	02	0	0	—	8.4	26	55	16	0
	62303	SIDI BARANI	300	9	35	01	0	0	—	9.8	23	84	20	0
	62306	MATRUH	350	10	13	02	1	1	Cu	9.5	23	84	20	0
	62309	EL DABA	320	4	15	00	0	0	—	9.5	25	70	19	0
		ALEXANDRIA	360	11	7	00	0	0	—	7.6	24	74	19	0
	62318	FOUAD (Airport)	20	15	12	02	0	0	—	6.2	24	74	19	0
	62330	DAMIETTA	40	5		02	0	0	—	5.9	26	70	20	0
	62333	PORT SAID	80	19	18	02	0	0	—	4.7	27	66	20	0
	62336	EL 'ARISH	00	0	7	02	0	0	—		25	74	20	0
LOWER EGYPT	62339	DAMANHUR	40	9	15	02	0	0	—	5.9	26	55	16	0
	62342	MANSURA	40	5		00	0	0	—	4.8	27	62	19	0
	62348	TANTA	310	5	35	02	0	0	—	5.5	27	52	16	0
	62354	ZAGAZIG	40	5		00	0	0	—	3.9	29	52	18	0
	62441	ISMAILIA	90	9	35	02	0	0	—	4.0	30	35	13	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMAZA												
		EZBEKIYA	00	0	15	00	0	0	—	2.6	32	34	14	0
		GIZA	00	0	15	00	0	0	—	1.9	33	30	13	0
	62378	HELWAN	160	4	15	02	0	0	—	1.8	36	17	7	0
UPPER EGYPT	62381	FAIYUM	00	0	35	02	0	0	—	2.0	36	25	13	0
	62387	MINYA	160	2	10	00	0	0	—	2.7	33	34	15	0
	62393	ASYUT MANQABAD												
	62399	NAG' HAMMADI	00	0	7	00	0	0	—	3.0	31	43	17	0
	62402	QENA	270	2	7	00	0	0	—	3.5	34	27	12	0
	62405	LUXOR												
	62414	ASWAN	00	0	50	00	0	0	—	2.6	37	11	2	0
OASES	62417	SIWA	320	6	7	00	0	0	—	8.0	32	70	26	0
	62420	BAHARIYA	270	1	15	02	0	0	—	4.4	33	24	10	0
	62423	FARAFRA	320	5	15	02	0	0	—	6.2	34	10	-2	0
	62432	DAKHLA	320	6	35	00	0	0	—	2.7	37	35	19	0
	62435	KHARGA	00	0	15	00	0	0	—	1.6	34	36	17	0
RED SEA	62450	SUEZ	00	0	7	02	0	0	—	3.1	33	38	17	0
	62459	TOR	130	9	15	00	0	0	—	4.3	32	43	18	0
	62462	HURGHADA	00	0		00	0	0	—	3.8	30	43	16	0
	62465	QUSEIR	360	9	15	00	0	0	—	4.4	32	59	23	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 0600 on Sunday 3rd July

AREA	INDEX NUMBER	STATION	WIND 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	SALUM	320	8	7	00	0	1	Ac	11.2		25	28		18		54	15	0		
	62303	SIDI BARANI	320	11	50	03	2	8	Cu, Cc	11.8		24	26		22		74	19	0	278	
	62306	MATRUH	340	11	15	03	2	5	Sc	11.8		24	27		20		69	12	0		
	62309	EL DABA	320	8	35	00	0	0	—	10.3		25	27		21		70	19	0		
		ALEXANDRIA	310	11	50	03	1		Sc, Ac	9.9	-0.7	24	27	-2	22	0	74	19	0	267	186
	62318	FOUAD (Airport)	330	11	14	02	0	4	Sc	9.1		24	32		22		79	20	0	265	138
	62330	DAMIETTA	360	5	15	03	0	1	Ac	8.4	-1.2	25	30		22		74	20	0	319	106
	62333	PORT SAID	360	18	11	02	0	0	—	7.5		26	29		25		70	20	0	72	
	62336	EL 'ARISH	20	5	35	02	0	0	—	6.6	-3.0	28	30	+1	20	+1	70	22	0		44
LOWER EGYPT	62339	DAMANHUR	310	19	7	02	1	1	Cu	9.1	-0.8	26	36	+3	21	+2	70	20	0	102	101
	62342	MANSURA	320	9	35	00	0	0	—	8.4	-1.4	27	36	+1	22	+2	62	19	0	49	55
	62348	TANTA	310	8	35	02	0	0	—	9.6	-1.5	26	37	+2	20	+1	62	18	0	34	44
	62354	ZAGAZIG	270	9	7	00	0	0	—	8.2	-2.0	29	38	+3	22	+3	59	20	0	21	27
	62441	ISMAILIA	340	9	3	00	1	4	Sc	7.1		29	40		24		57	20	0	14	
CAIRO AREA	62366	FAROUK (Airport)																			
	62372	ALMAZA	340	12	15	00	0	0	—	8.2	-2.0	26			20		70	20	0		
		EZBEKIYA	360	2	14	00	0	0	—	8.8	-1.4	27	40	+4	23	+2	62	19	0	8	26
		GIZA	360	2	15	00	0	0	—	8.6	-1.7	25	42	+7	22	+3	70	19	0	16	27
	62378	HELWAN	340	10	15	00	0	0	—	8.2	-1.8	25	40	+5	23	+2	61	17	0	16	29
UPPER EGYPT	62381	FAIYUM	360	5	35	02	0	0	—	8.7	-1.2	26			23	+2	55	16	0	8	8
	62387	MINYA	20	13	10	00	0	0	—	8.6		26	41		23		62	18	0	5	
	62393	ASYUT MANQABAD	300	6	30	00	0	0	—	8.8		26			24		58	17	0	Dr.	
	62399	NAG' HAMMADI	320	4		00	0	0	—	7.0	-0.9	29	41		22		52	18	0	0	
	62402	QENA	270	5	35	00	0	0	—	6.2	-1.1	30	44	+3	23	-1	40	15	0	Dr.	
	62405	LUXOR																		Dr.	
	62414	ASWAN	360	5	50	00	0	0	—	5.6	-1.9	33	42	0	26	0	16	4	0	2	
OASES	62417	SIWA	40	3	35	00	0	0	—	13.0	+0.4	24	37	-1	19	-1	84	21	0	1	8
	62420	BAHARIYA	360	4	35	02	0	0	—	7.9	-0.8	26	43	+7	21	+1	55	16	0	Dr.	7
	62423	FARAFRA	360	8	15	02	0	0	—	10.6		26	42		21		55	16	0	Dr.	
	62432	DAKHLA	320	1	35	00	0	0	—	8.9	-0.8	30	44	+5	23	0	40	15	0	Dr.	
	62435	KHARGA	40	1	15	00	0	0	—	7.9	-0.4	30	43	+4	27	+4	52	19	0	0	
RED SEA	62450	SUEZ	360	10	35	00	0	0	—	7.2	-2.0	30	40	+4	25	+3	59	21	0	12	17
	62459	TOR	40	3	35	00	0	0	—	5.3	-1.4	32	37	+3	25	+1	38	16	0	Dr.	13
	62462	HURGHADA	60	9		00	0	0	—	5.4		29	35	?	24		79	25	0	7	
	62465	QUSEIR	310	9	15	02	0	0	—	4.8	-2.2	36	35	+2	29	+3	47	23	0	0	4
	62641	PORT SUDAN	200	1	30	01	2	7	Ac, Cc	4.8		37	37		30		37	20	0	40	97
NORTH SUDAN	62600	WADI HALFA	10	5	30	02	1	5	Cc	6.0		31	44		25		18	4	0	27	
	62640	ABU HAMAD	360	5	30	03	1	7	Ac, Cc	3.5		35	45		29		10	-1	0		
	62660	KAREIMA	00	0	30	01	1	4	Ac	4.9		33	44		26		16	4	0	6	2
	62680	'ATBARA																	0	8	9
	62721	KHARTUM	200	23	7	07	2	1	Ac	8.0		31	42		27		43	17	0	14	19
	62730	KASSALA	180	9	30	00	0	0	—	8.8		29	42		24		49	17	0	45	59
CENTRAL SUDAN	62751	WAD MEDANI																	0	98	64
	62801	RENK																			178
	62802	ROSEIRES																	0	177	255
	62771	EL OBEID	230	11	30	01	2	7	Ac	10.1		27	37		24		58	18	0	63	77
	62760	EL FASHER	00	0	30	01	1	4	Ac			25			24		61	17	0	18	38
	62770	GENEINA	230	4	30	00	0	1	Cc			25	37		23		70	19	Dr.		89
S. SUDAN	62840	MALAKAL																	8	540	343
	62880	WAU	180	2	30	02	1	7	Sc, Ac	11.6		24	32		23		79	20	0	514	553
	62941	JUBA	200	5	10	03	2	6	Sc, Ac	13.1		25	31		20		79	21	0.3	444	617

HUMIDITY

Mean of day %

STATION	on 2nd	Diff. from normal
Alexandria	65	-9
Ezbekiya	31	-25
Giza	33	-24
Helwan	21	-24

GIZA
GRASS MINIMUM TEMP.
ON 3rd 20.4° 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 2nd

STATION	Matruh		Fouad Afp		Port Said		Minya		Hurghada									
TIME	14		15		14		15		15									
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	340	11	20	23	30	10	140	12	20	11								
600	340	12	30	26	40	4	140	9	360	13								
1000	340	16			160	9	190	14	350	13								
1500	340	12	280	11	320	10	340	10	330	23								
2000			310	13	290	8	340	14	330	15								
3000																		
4000																		
5000																		
6000																		
7000																		
8000																		

UPPER WIND OBSERVATIONS on 3rd

STATION	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SAID		EL 'ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA		
TIME			4		3		4				9 30		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			310	17	330	12	360	29			340	15	330	22	330	10					90	15		
600			320	16	330	16	40	18			340	29	350	24	340	19					100	5		
1000			320	14	330	16	70	16			360	9	300	9	340	16					40	2		
1500			300	18	300	12	140	14					280	15	370	8					310	9		
2000			290	13											260	17					320	17		
3000																					270	20		
4000																					270	19		
5000																					280	4		
6000																								
7000																								
8000																								

STATION	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME	9		9		9		7																3 30	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	20	5	340	21	360	7	20	13																
600	330	4	350	30	350	8	350	15															180	13
1000	360	6	350	48	330	11	340	23															200	34
1500	310	14	350	36	330	23																	230	15
2000	320	16	350	35	330	36																	170	5
3000	290	17																						
4000	280	15																						
5000	260	19																						
6000	270	27																						
7000																								
8000																								

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

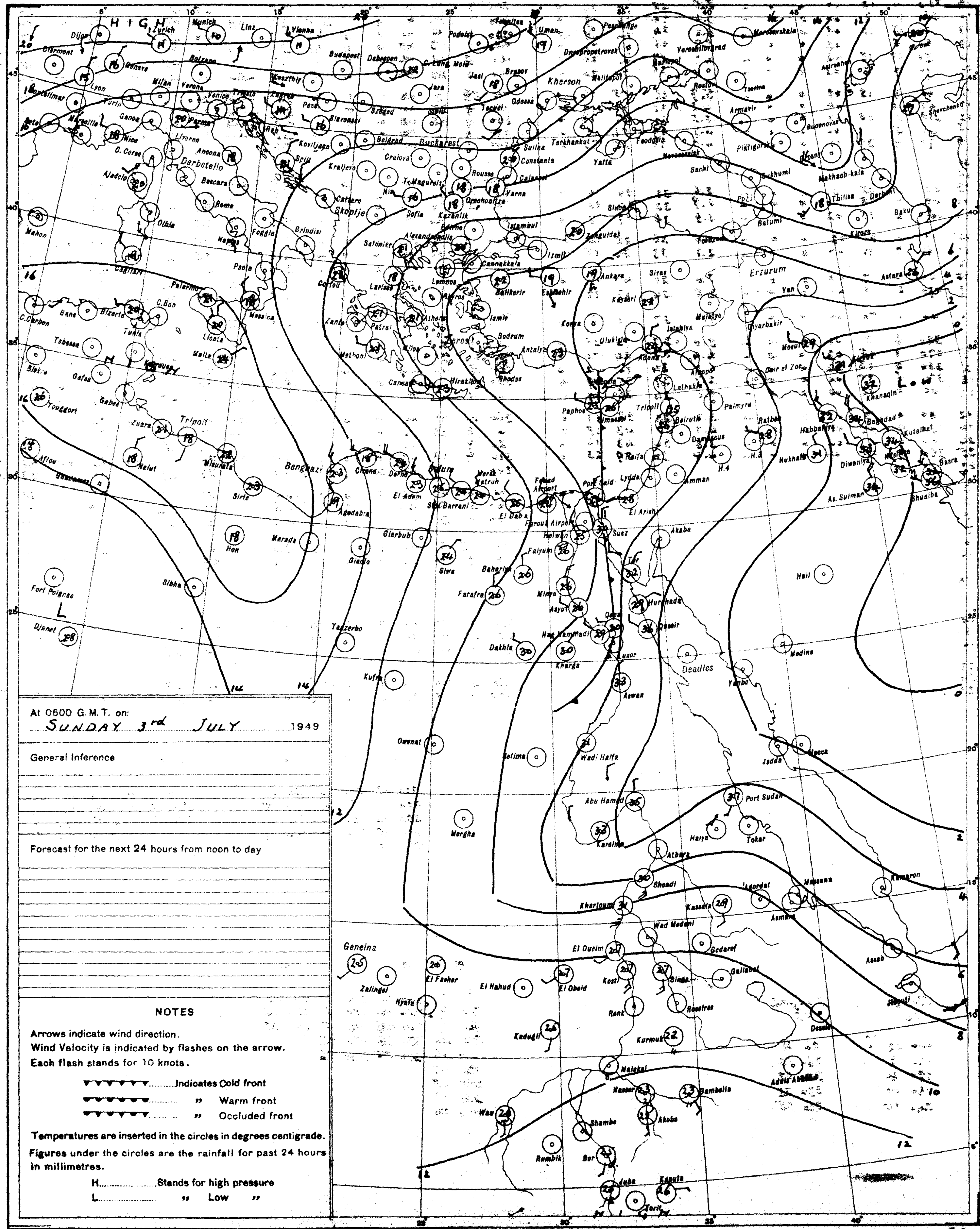
K.N.

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 3 – 7 – 1949



At 0600 G.M.T. on:
SUNDAY 3rd JULY 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 } Thunderstorm during		91
Hail } the past hour		93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

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

SCALE 1:15,000,000

F.G.

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

Form Nº 7 F.

CAIRO

Time of Sunrise 02 68 G.M.T.

" " Sunset 17 00 G.M.T.

DAILY WEATHER REPORT

Date : Monday 4th July , 1949

AREA	INDEX NUMBER	STATION	At 1200 on Sun. 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.	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	At 1800 on Sun. 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.	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms
MED. TERRANEAN	62300	SALUM	320	13	7	03	1	2	Ac	12.2	29	46	16	320	4	7	02	0	0	—	13.4	23	65	16	0
	62303	SIDI BARANI	320	16	50	01	1	4	Cu,Cc	13.1	26	70	20	320	12	35	03	1	5	Sc,Cc	15.0	23	74	18	0
	62306	MATRUH	340	15	35	03	1	2	Cu	12.0	26	58	17	350	13	3	03	1	3	Cu	13.3	25	58	16	0
	62309	EL DABA	320	8	35	00	0	0	—	10.6	26	62	18	320	5	15	00	0	0	—	9.5	25	61	17	0
		ALEXANDRIA	360	9	50	00	0	0	—	11.1	26	62	18	360	6	7	01	1	0	—	13.5	23	74	18	0
	62318	FOUAD (Airport)	340	18	18	02	1	2	Sc	10.3	27	55	17	340	17	18	03	1	2	Sc	11.1	23	69	17	0
	62330	DAMIETTA	320	5	15	02	0	1	Ac	8.6	26	70	20	320	5		03	1	4	Cu,Ac	12.0	24	74	19	0
	62333	PORT SAÏD	10	15	30	02	0	1	Sc	9.3	27	70	21	350	14	15	03	0	3	Sc	11.5	25	74	20	0
	62336	EL 'ARISH	320	2	35	02	0	0	—	8.0	28	62	20	340	2	15	03	1	5	Cu	11.5	24	84	21	0
LOWER EGYPT	62339	DAMANHUR	310	13	15	02	0	0	—	9.8	28	62	20	360	9	7	03	1	6	Cu	12.6	23	74	18	0
	62342	MANSURA	320	9	35	00	0	0	—	9.5	31	43	17	360	5		00	0	0	—	12.0	24	69	18	0
	62348	TANTA												310	5	35	02	0	0	—	12.0	24	54	14	0
	62354	ZAGAZIG	320	5	15	00	0	0	—	9.5	34	41	17	320	5		00	0	0	—	12.0	25	70	19	0
	62441	ISMAILIA	340	13	15	02	0	0	—	8.0	33	34	15	20	3	15	02	0	0	—	11.2	25	70	19	0
CAIRO AREA	62366	FAROUK (Airport)	340	21	12	00	0	0	—	9.3	34	27	12												
	62372	ALMAZA	360	12	18	00	0	0	—	8.3	32	56	22												
		EZBEKIYA	330	3	35	00	0	0	—	8.7	32	38	16	360	1	15	00	0	0	—	12.0	27	55	17	0
		GIZA	330	3	35	00	0	0	—	9.4	33	36	15	360	1	15	00	0	0	—	12.0	26	49	15	0
	62378	HELWAN	320	19	15	06	0	0	—	8.2	32	34	14	340	11	15	06	1	0	—	11.2	27	52	16	0
UPPER EGYPT	62381	FAIYUM	360	5	35	02	0	0	—	8.4	33	30	13	360	5	35	02	0	0	—	7.1	30	35	13	0
	62387	MINYA	20	13	12	00	0	0	—	8.4	35	29	14												
	62393	ASYÛT MANQABAD	320	5	30	00	0	0	—	7.7	35	29	14												
	62399	NAG' HAMMADI	320	3	7	00	0	0	—	6.4	36	33	17	00	0		00	0	0	—	6.7	30	46	17	0
	62402	QENA	290	5	50	00	0	0	—	5.3	40	26	17	270	5	7	00	0	0	—	5.5	30	46	17	0
	62405	LUXOR																							
	62414	ASWAN	360	2	50	00	0	0	—	4.6	43	14	10	00	0	50	00	0	0	—	5.4	38	13	5	0
OASES	62417	SIWA	360	9	35	00	0	0	—	12.4	36	56	26	40	9	7	00	0	0	—	13.3	29	59	20	0
	62420	BAHARIYA	360	5	35	02	0	0	—	9.0	34	27	12	320	3	15	02	0	0	—	10.0	30	35	13	0
	62423	FARAFRA	360	5	35	02	0	0	—	9.8	35	19	8	360	4	15	02	0	6	1	11.2	28	27	7	0
	62430	DAKHLA	320	10	50	00	0	0	—	7.2	37	27	15	320	6	35	00	0	0	—	8.7	29	35	12	0
	62436	KHARGA	20	2	35	00	0	0	—	7.0	37	35	19	20	1	15	00	0	0	—	8.2	32	38	16	0
RED SEA	62450	SUEZ	360	10	35	02	0	0	—	6.7	33	38	17	360	10	7	02	0	0	—	11.0	25	74	20	0
	62459	TOR	310	9	35	00	0	0	—	6.0	34	47	21	310	8	15	00	0	0	—	7.2	29	55	19	0
	62462	HURGHADA	60	11		00	0	0	—	4.8	34	50	22	290	16		00	0	0	—	5.5	30	74	25	0
	62465	QUSEIR	20	9	15	02	0	0	—	5.1	36	56	26	20	5	15	02	0	0	—	5.4	30	79	26	0
	62641	PORT SUDAN	90	11	7	06	1	7	Ac,Cc	4.3	47	34	28												
NORTH SUDAN	62600	WADI HALFA	40	10	10	00	0	0	—	4.0	42	14	9												
	62640	ABU HAMAD	360	5	30	03	0	4	Ac	2.5	44	8	3												
	62660	KAREIMA	360	3	30	00	1	0	—	3.3	44	7	1												
	62680	ATBARA	290	5	10	05	1	6	Ac	1.8	42														
	62721	KHARTUM	240	14	10	01	1	4	Ac	4.8	38	18	10												
	62730	KASSALA	230	5	30	00	0	2	Ci	5.2	38	25	15												
CENTRAL SUDAN	62751	WAD MEDANI	230	5	35	01	1	0	—	5.0	37	24	13												
	62803	RENK																							
	62802	ROSEIRES																							
	62771	EL OBEID	270	5	30	02	1	6	Cu,Cc	4.4	34	32	15												
	62760	EL FASHER	70	5	30	02	1	7	Ac		36	22	11												
	62770	GENEINA	230	8	30	01	2	6	Cu		34	34	16												
S. SUDAN	62840	MALAKAL	180	2	30	03	1	6	Cu,Ac	9.8	30	66	23												
	62880	WAU	00	0	30	02	1	7	Ac	9.1	29	70	23												
	62941	JUBA																							

HUMIDITY

Mean of day

STATION	on 3rd	Diff. from normal
Alexandria	71	-3
Ezbekiya	57	0
Giza	55	-2
Helwan	53	+8

GIZA

GRASS MINIMUM TEMP

ON 4½ 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 — Farouk AIRPORT — On 4½ At 3h

PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000		20	83	340	1
950					
900					
850	1533	16	32	10	12
800					
700	3141	11		290	5
600					
500	5868	-4		260	18
400		-13			
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 3rd

HEIGHT m.	Matruh DIR.	Matruh VEL.	Farouk A.P. DIR.	Farouk A.P. VEL.	Port Said DIR.	Port Said VEL.	Mersa DIR.	Mersa VEL.	Hurghada DIR.	Hurghada VEL.
	13 45		15		14		15		15	
300	320	16	320	30	320	28	350	14	140	2
600	320	27	320	47	320	24	350	15	10	5
1000	320	46	320	27	310	28	350	14	20	9
1500	310	27	300	29	300	30	340	13	350	9
2000			270	15	330	9	340	20	240	16
3000									270	23
4000										
5000										
6000										
7000										
8000										

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

At 0600 on Monday 4½ July

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR PRESSURE M.S.L. mbs.	BAR PRESSURE Diff. from normal mbs.	TEMPERATURES °C Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct 1st.	RAINFALL mms. Normal From Oct 1st.
MED. TERRANEAN	62300	SALUM	360	7	7	03	2	5	Ac	15.4		24	29		17		69	18	0		
	62303	SIDI BARANI	320	4	50	03	2	8	Sc,Cc	16.0		24			21		74	19	0	278	
	62306	MATRUH	360	4	18	02	1	3	Cu	15.1		24	27		19		69	18	0		
	62309	EL DABA	360	6	35	00	0	0	—	14.0		26	27		21		62	18	0		
		ALEXANDRIA	20	6	50	01	2	0	—	14.4	+3.9	25	27	-2	22	0	61	17	0	267	186
	62318	FOUAD (Airport)	340	12	18	02	1	3	Cu	14.5		25	28		20		65	18	0	265	138
	62330	DAMIETTA	320	2		02	1	4	Cu	13.9	+4.3	25	27		19		70	19	0	319	106
	62333	PORT SAÏD	340	11	18	02	0	4	Sc	13.5		25	27		24		65	18	0	72	
	62336	EL 'ARISH	320	2	35	01	0	3	Cu	13.6	+4.1	26	30	0	18	-1	62	18	0		94
LOWER EGYPT	62339	DAMANHUR	40	9	15	01	1	4	Cu	13.6	+3.8	25	30	-3	19	0	61	17	0	102	101
	62342	MANSURA	360	5	35	02	1	4	Cu	13.9	+4.2	26	32	-3	20	0	62	18	0	49	55
	62348	TANTA	310	5	35	03	1	3	Cu	14.7	+4.7	24	32	-3	16	-3	69	18	0	34	44
	62354	ZAGAZIG	320	5	7	00	0	3	Ac	14.0	+3.9	26	34	-1	19	0	62	18	0	21	27
	62441	ISMAILIA	20	2	3	03	1	4	Sc	13.5		27	33		21		55	17	0	14	
CAIRO AREA	62366	FAROUK (Airport)																			
	62372	ALMAZA	40	10	14	03	1	5	Cu	13.8	+3.7	24			20		79	20	0		
		EZBEKIYA	30	2	15	01	0	2	Cu	13.8	+3.7	25	33	-3	20	-1	70	19	0	8	26
		GIZA	30	2	15	01	0	2	Cu	14.0	+3.8	24	34	-1	19	0	69	18	0	16	27
	62378	HELWAN	360	12	15	00	1	4	Cu	13.5	+3.5	24	33	-2	19	-2	61	16	0	16	29
UPPER EGYPT	62381	FAIYUM	360	2	35	03	0	3	Cu,Sc	13.1	+3.3	27			19	-2	52	16	0	8	8
	62387	MINYA	20	13	10	00	0	0	—	12.7		24			21		61	16	0	5	
	62393	ASYÛT MANQABAD	300	3	30	00	0	0	—	12.6		25			21		89	23	0	Dr.	
	62399	NAG' HAMMADI	320	4		60	0	0	—	10.7	+2.9	29	37		22		46	16	0	0	
	62402	QENA	270	5	35	00	0	0	—	9.5	+2.3	31	41	0	24	0	38	15	0	Dr.	
	62405	LUXOR																		Dr.	
	62414	ASWAN	360	9	50	00	0	0	—	10.4	+2.9	30	44	+2	27	+1	35	13	0	2	
OASES	62417	SIWA	40	5	35	00	0	0	—	17.0	+4.4	25	36	-2	19	-1	74	20	0	1	8
	62420	BAHARIYA	40	6	35	02	0	0	—	14.3	+3.7	23	35	-1	19	-1	65	16	0	Dr.	7
	62423	FARAFRA	40	3	15	02	0	0	—	14.6		25	36		20		54	15	0	Dr.	
	62430	DAKHLA	320	6	35	00	0	0	—	12.2	+2.6	28	37	-2	25	+2	45	15	0	Dr.	
	62436	KHARGA	20	3	35	00	0	0	—	12.2		28	38	-1	25	+2	31	9	0	0	
RED SEA	62450	SUEZ	360	6	35	00	0	3	Cu	13.5	+4.4	25	34	-2	20	-2	70	19	0	12	17
	62459	TOR	310	12	35	00	0	0	—	10.0	+3.4	25	36	+2	25	+1	84	22	0	Dr.	13
	62462	HURGHADA	300	17		00	0	0	—	9.7		26	34		24		74	21	0	7	
	62465	QUSEIR	360	19	15	02	0	0	—	8.7	+1.8	29	38	+5	27	+1	52	18	0	0	4
	62641	PORT SUDAN																		40	97
NORTH SUDAN	62600	WADI HALFA	20	4		01	1	4	Ci	9.3		31	44		20		22	7	0	27	
	62640	ABU HAMAD																			
	62660	KAREIMA																		6	2
	62680	ATBARA																		8	10
	62721	KHARTUM	240	20	7	07	0	0	—	6.3		33	40		30		36	16	0	14	21
	62730	KASSALA	200	9	10	00	0	0	—	8.8		30	39		27		49	18	0	45	61
CENTRAL SUDAN	62751	WAD MEDANI	180	19	50	02	0	0	—	8.4		31	39		27		43	17	0	98	68
	62803	RENK																			182
	62802	ROSEIRES																	5	182	262
	62771	EL OBEID	330	15	30	00	1	3	Ac	9.3		28	36		25		55	18	0	63	80
	62760	EL FASHER	170	5	30	01	1	5	Ac			26	38		25		58	17	0	18	40
	62770	GENEINA	130	1	30	00	1	1	Ac			25	36		23		61	17	0		93
S. SUDAN	62840	MALAKAL																	0	540	348
	62880	WAU																	0	514	559
	62941	JUBA	200	2	30	03	2	7	Sc,Ac	14.5		23			20		89	21	0	444	621

UPPER WIND OBSERVATIONS on 4½

HEIGHT m.	SIDI BARANI DIR.	SIDI BARANI VEL.	MATRUH DIR.	MATRUH VEL.	ROUAD AIRPORT DIR.	ROUAD AIRPORT VEL.	PORT SAID DIR.	PORT SAID 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.	ASWAN DIR.	ASWAN VEL.	HURGHADA DIR.	HURGHADA VEL.	Farouk DIR.	Farouk VEL.
	9		4		4		4				9 30		6		9				9		9		3	
300	340	5	320	9	360	13	340	9			10	16	360	17	320	13			330	29	330	29	20	13
600	340	3	340	10	360	11	340	12			10	31	20	10	330	16			340	52	320	16	30	16
1000	350	2	360	6	360	14	330	11			20	53	350	27	340	20			350	15	290	13	30	15
1500	330	5	360	12	360	15	330	16			30	15	320	42	340	21			330	40	260	11	10	12
2000					320	14					30	23	360	14	330	11			270	19	190	8	300	14
3000					290	13					190	2			260	3			350	27	210	6	290	5
4000											190	9			300	5			300	11				
5000																							260	19
6000											250	17											250	23
7000																								
8000																								

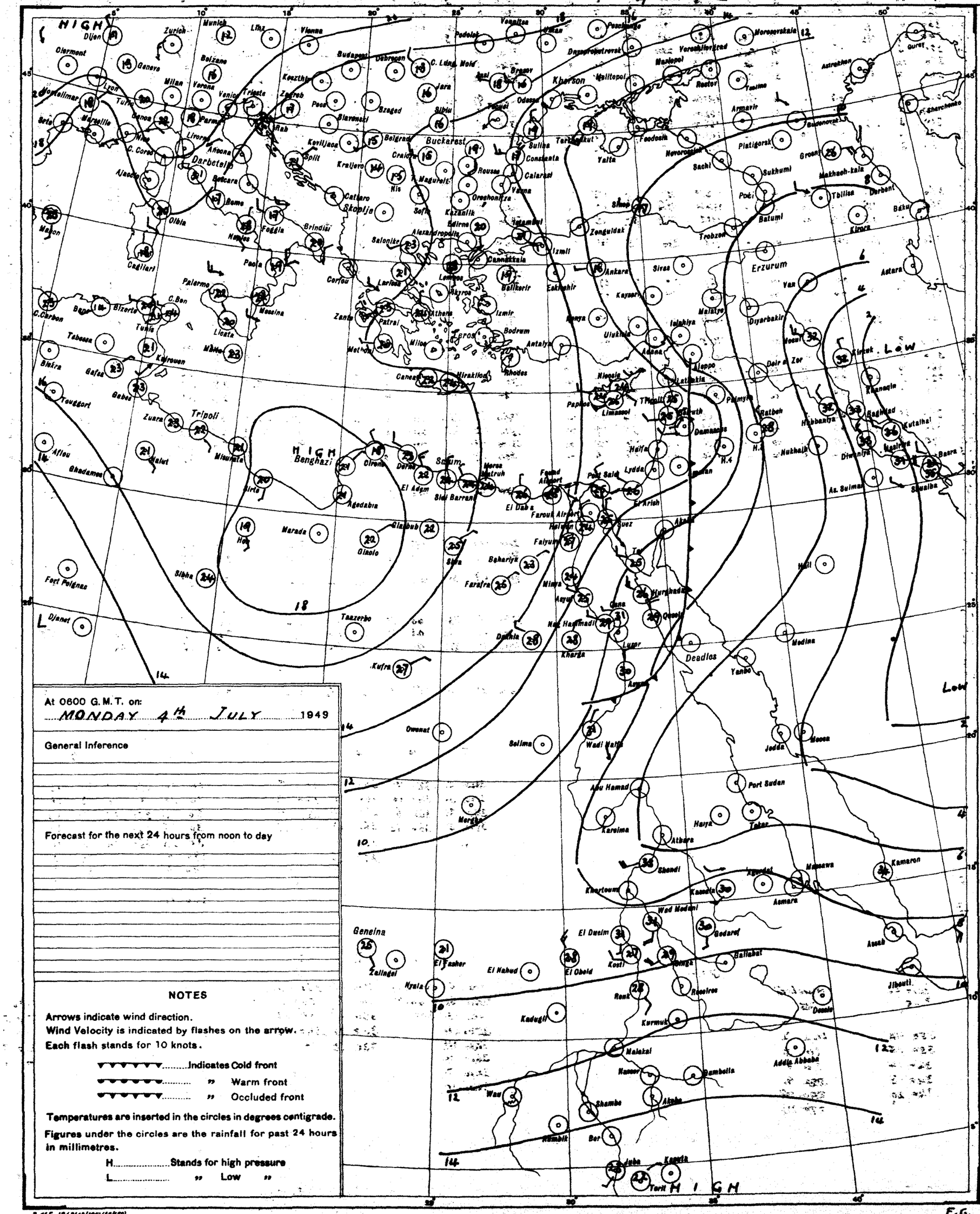
STATION	SIWA DIR.	SIWA VEL.	BAHARIYA DIR.	BAHARIYA VEL.	DAKHLA DIR.	DAKHLA VEL.	KHARGA DIR.	KHARGA VEL.	WADI HALFA DIR.	WADI HALFA VEL.	ABU HAMAD DIR.	ABU HAMAD VEL.	KAREIMA DIR.	KAREIMA VEL.	KHARTUM DIR.	KHARTUM VEL.	KASSALA DIR.	KASSALA VEL.	EL OBEID DIR.	EL OBEID VEL.	EL FASHER DIR.	EL FASHER VEL.	MALAKAL DIR.	MALAKAL VEL.
			9		9		7										4				4 30			
300	10	5	340	16	20	16	360	20																
600	20	6	340	24	10	9	20	26									190	7						
1000	10	13	350		360	16	10	21									210	22			170	7		
1500	350	21			350	11	340	15									220	13			230	3		
2000	350	19			330	18											310	8						
3000	360	4															40	16			300	2		
4000	340	7																						
5000	360	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.

K.N.

Note: All times G. M. T.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 4 - 7 - 1949



At 0600 G.M.T. on:
MONDAY 4th JULY 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	(S)
Visibility more than 1000 metres: Mist	10	=
Visibility more than 1000 metres: Shallow fog	12	=
Lightning, no thunder heard	13	≤
Precipitation within sight	16	(•)
Thunder, no precipitation	17	(K)
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	K
Duststorm or Sandstorm	31	S
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	• ▽
" " hail	87	• ▽
Rain / Hail: Thunderstorm during the past hour	91	K •
Rain / Hail: Thunderstorm during the past hour	93	K △
Thunderstorm with rain	95	K •
" " hail	96	K ▲
" " Sandstorm	98	K S

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

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

3 of E 1948(48/185)(44/650)

F.G.

SCALE 1:15,000,000

CAIRO
Time of Sunrise 02 59 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 5th July, 1949

At 1200 on Mond 4th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms
MEDITERRANEAN	62300	SALUM	20	16	7	02	0	2	Ac	14.8	25	61	17	0
	62305	SIDI BARANI	340	10	50	02	2	8	Cu,Cg	15.8	25	74	20	0
	62306	MATRUH	360	9	18	01	1	2	Cu	15.4	28	58	19	0
	62309	EL DABA	320	5	35	00	0	3	Cu	15.5	26	62	18	0
		ALEXANDRIA	360	10	50	03	2	5	Cu,Sc	13.9	25	61	17	0
	62316	FOUAD (Airport)	360	15	18	02	1	5	Sc	14.0	27	55	17	0
	62320	DAMIETTA	320	2	15	01	1	3	Cu	13.4	26	62	18	0
	62333	PORT SAID	350	10	30	02	0	2	Sc	13.1	26	62	18	0
	62336	EL 'ARISH	20	2	35	01	0	0	—	12.6	27	55	17	0
SUEZ CANAL & NORTHERN RED SEA	62339	DAMANHUR	40	13	15	01	1	2	Cu	13.3	28	52	17	0
	62342	MANSURA	360	7	35	01	1	3	Cu	13.1	31	38	15	0
	62345	TANTA	360	5	35	02	0	0	—	14.0	30	35	13	0
	62354	ZAGAZIG	40	5	15	00	1	0	—	14.0	31	49	19	0
	62351	ISMAILIA	360	5	15	02	0	0	—	11.8	31	31	12	0
	62356	FAROUK (Airport)	360	12	12	01	1	1	Cu	12.8	31	43	17	
	62357	ALMAZA	20	13	30	02	0	1	Cu	12.0	30	39	21	
		EZBEKIYA	20	4	35	00	0	0	—	12.0	30	43	16	0
		GIZA	20	11	35	00	0	0	—	12.4	30	38	14	0
	62374	HELWAN	360	5	35	02	0	0	—	11.6	31	28	10	0
UPPER EGYPT & UPPER RED SEA	62381	FAIYUM	360	5	35	01	0	0	—	11.5	31	33	13	0
	62384	MINYA	20	13	12	00	0	0	—	11.0	33	28	12	0
	62387	ASYUT [illegible]	320	13	30	00	0	0	—	9.5	33	13	L	
	62396	NAG' HAMMADI	320	4	7	00	0	0	—	7.8	33	24	10	0
	62400	QENA	270	5	50	00	0	0	—	6.7	38	13	5	0
	62405	LUXOR												
	62414	ASWAN	340	6	50	00	0	0	—	6.8	38	18	10	
OASES	62417	SIWA	00	0	35	00	0	0	—	15.5	33	74	28	0
	62420	BAHARIYA	360	6	35	02	0	0	—	12.6	32	28	11	0
	62423	FARAFRA	320	7	35	02	0	0	—	1	33	24	10	0
	62430	DAKHLA	320	6	50	00	0	0	—	10.2	34	18	6	0
	62438	KHARGA	00	0	35	00	0	0	—		35	22	10	0
RED SEA	62450	SUEZ	360	11	35	01	0	0	—	9.8	31	31	12	0
	62459	TOR	310	15	35	00	0	0	—	7.4	27	79	23	0
	62462	HURGHADA	330	19		00	0	0	—	7.4	27	62	23	0
	62465	QUSEIR	360	13	15	02	0	0	—	7.5	30	66	23	0
	62641	PORT SUDAN	20	15	7	06	1	0	—	4.2	37	29	15	
SUDAN & ERITREA	62600	WADI HALFA	360	12	30	00	0	0	—				8	
	62640	ABU HAMAD	350	9	7	06	0	3	Ac				9	
	62662	KAREIMA	20	11	4	07	0	0	—	3.3	44	8	3	
	62680	ATBARA	230	2	10	03	2	6	Ci	0.5	43	13	9	
	62721	KHARTUM	310	6	30	02	0	0	—	3.1	41	16	10	
	62730	KASSALA	230	2	30	00	0	1	Cu		39	26	16	
	6275	WAD MEDANI												
	62801	RENK												
	62802	ROSEIRES												
	62771	EL OBEID			30	03	1			5.9	37	22	12	
	62760	EL FASHER	30	3	30	01	0	3	Cu		38	21	12	
	62770	GENEINA	270	8	30	03	1	4	Cu,Ac		37	25	14	
	62840	MALAKAL	250	3	30	03	1	8	Sc,Ac	10.8	27	74	22	
	62880	WAU												
	62941	JUBA												

At 1800 on Mond 4th

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms
62300	SALUM	40	4	7	02	0	1	Ac	18.8	24	61	16	0
62305	SIDI BARANI	320	8	35	01	1	2	Cu,Cg	15.9	22	83	19	0
62306	MATRUH	10	5	13	03	1	2	Sc	15.0	23	78	19	0
62309	EL DABA	320	2	15	00	0	0	—	12.4	25	70	19	0
	ALEXANDRIA	360	8	7	02	2	6	Cu,Sc	14.6	24	69	18	0
62316	FOUAD (Airport)	340	14	12	01	1	3	Sc	13.8	23	65	16	0
62320	DAMIETTA	320	5		02	0	2	Cu	13.4	24	69	18	0
62333	PORT SAID	330	12	13	03	0	1	Sc	12.7	24	69	18	0
62336	EL 'ARISH	360	9	35	03	1	3	Cu	10.6	24	69	18	0
62339	DAMANHUR	360	9	15	02	1	3	Cu	13.9	23	74	18	0
62342	MANSURA	360	9		01	1	3	Cu	13.5	25	70	19	0
62345	TANTA	360	2	35	02	0	0	—	15.1	24	54	14	0
62354	ZAGAZIG	320	5		00	0	0	—	18.1	25	61	17	0
62351	ISMAILIA	20	2	7	00	2	5	Sc	11.9	26	31	21	0
62356	FAROUK (Airport)												
62357	ALMAZA	30	18	12	02	1	6	Sc	12.6	23	34	18	
	EZBEKIYA	360	5	15	01	0	4	Cu	12.4	24	31	19	0
	GIZA	360	5	15	01	0	4	Cu	13.0	23	31	18	0
62374	HELWAN	360	11	15	00	1	3	Cu	12.2	24	31	21	0
62381	FAIYUM	330	5	35	03	2	6	Cu,Sc	12.3	24		19	0
62384	MINYA	20	18	10	00	0	0	—	11.8	24	34	18	
62387	ASYUT [illegible]	300	6	30	00	0	0	—	11.3	24		20	0
62396	NAG' HAMMADI	270	5	3	00	0	0	—	9.0	25	35	21	0
62400	QENA	290	5	35	00	0	0	—	7.5	28	40	22	0
62405	LUXOR			3	00	0					38		
62414	ASWAN	360	5	50	00	0	0	—	8.8	28		23	0
62417	SIWA	90	5	35	00	0	0	—	16.3	25	34	20	0
62420	BAHARIYA	360	6	35	02	0	0	—	13.5	24	33	20	0
62423	FARAFRA	40	5	15	02	0	0	—	14.0	24	34	19	0
62430	DAKHLA	320	6	35	00	0	0	—	11.8	25	35	21	0
62438	KHARGA	360	4	35	00	0	0	—	11.6	24	35	22	0
62450	SUEZ	360	3	35	00	0	0	—	11.5	26	33	20	0
62459	TOR	310	35	35	00	0	0	—	7.0	25	30	23	0
62462	HURGHADA	300	27		00	0	0	—	8.3	24	29	24	
62465	QUSEIR	360	19	15	02	0	0	—	7.4	28	31	26	0
62641	PORT SUDAN												
62600	WADI HALFA	10	2	30	03	1	0	—	9.7	28	42	23	
62640	ABU HAMAD	80	9	30	03	1	0	—		32	45	29	
62662	KAREIMA	20	14	30	02	1	3	Ci	5.7	30	45		
62680	ATBARA	220	13	2	07	3	2	Ac	7.7	31	44	30	
62721	KHARTUM	190	26	1	35	3	9		7.9	29	43	26	
62730	KASSALA	180	9	30	00	0	0	—	9.2	27	41	22	
6275	WAD MEDANI												
62801	RENK	230	5	50	01	3	6	Ci	11.2	29		23	
62802	ROSEIRES												
62771	EL OBEID	210	7	30	02	2	8	Cs	9.8	27	37	24	
62760	EL FASHER	230	9	30	02	0	7	Ac		25	36	24	
62770	GENEINA												
62840	MALAKAL	240	2	30	01	0	8		10.8	24			
62880	WAU	150	1	30	02	1	5	Ci	10.4	25	31	23	
62941	JUBA												

At 0600 on Tuesday 5th July

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	BAR. PRESSURE Diff. from normal mbs	TEMPERATURES °C Dry Bulb	TEMPERATURES °C MAXIMUM Yesterday	TEMPERATURES °C MAXIMUM Diff. from normal	TEMPERATURES °C MINIMUM Today	TEMPERATURES °C 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
62300	SALUM	360	8	7	02	0	1	Ac	14.4		24	26		17		69	18	0		
62305	SIDI BARANI	320	8	50	03	2	8	Cu,Cg	15.1		23	26		20		84	20	0	278	
62306	MATRUH	340	4	18	03	1	5	Cu	14.3		24	27		19		69	18	0		
62309	EL DABA	320	5	35	00	0	0	—	13.1		25			20		70	19	0		
	ALEXANDRIA	360	5	50	01	2	0	—	13.3	+2.9	25	27	-2	22	0	70	19	0	267	186
62316	FOUAD (Airport)	360	11	18	01	1	2	Sc	12.7		25	28		22		61	17	0	265	138
62320	DAMIETTA	340	2		03	1	5	Cu	12.4	+2.9	25	27		19		70	19	0	319	166
62333	PORT SAID	10	6	15	02	0	3	Sc	12.1		26	27		23		62	18	0	72	
62336	EL 'ARISH	320	2	25	02	0	3	Cu	11.2	+1.8	25	32	+2	21	+2	61	17	0		90
62339	DAMANHUR	130	9	7	02	1	2	Cu	13.6	+3.9	25	29	-4	19	0	70	19	0	102	101
62342	MANSURA	360	9	35	03	0	5	Cu	13.0	+3.4	26	31	-4	20	0	62	18	0	49	55
62345	TANTA	360	2	35	01	1	2	Cu	13.8	+3.9	23	30	-5	16	-3	65	16	0	34	44
62354	ZAGAZIG	320	5	7	00	0	0	—	12.0	+2.0	25	32	-3	18	-1	70	19	0	21	27
62351	ISMAILIA	20	2	7	00	2	5	Sc	11.9		26	31		21		62	18	0	14	
62356	FAROUK (Airport)																			
62357	ALMAZA	30	18	12	02	1	6	Sc	12.6		23	34		18		78	17	0		
	EZBEKIYA	360	5	15	01	0	4	Cu	12.4	+2.4	24	31	-5	19	-2	69	18	0	8	26
	GIZA	360	5	15	01	0	4	Cu	13.0	+2.9	23	31	-4	18	-1	74	18	0	16	27
62374	HELWAN	360	11	15	00	1	3	Cu	12.2	+2.3	24	31	-4	21	0	61	16	0	16	29
62381	FAIYUM	330	5	35	03	2	6	Cu,Sc	12.3	+2.6	24			19	-2	69	18	0	8	8
62384	MINYA	20	18	10	00	0	0	—	11.8		24	34		18		61	15	0	5	
62387	ASYUT [illegible]	300	6	30	00	0	0	—	11.3		24			20		54	14	0	Dr.	
62396	NAG' HAMMADI	270	5	3	00	0	0	—	9.0	-1.2	25	35		21		61	17	0	0	
62400	QENA	290	5	35	00	0	0	—	7.5	+0.4	28	40	-1	22	-2	45	15	0	Dr.	
62405	LUXOR											38							Dr.	
62414	ASWAN	360	5	50	00	0	0	—	8.8	+1.4	28			23	-3	45	15	0	2	
62417	SIWA	90	5	35	00	0	0	—	16.3	+3.8	25	34	-4	20	0	74	20	0	1	8
62420	BAHARIYA	360	6	35	02	0	0	—	13.5	+2.6	24	33	-3	20	0	61	16	0	Dr.	7
62423	FARAFRA	40	5	15	02	0	0	—	14.0		24	34		19		54	14	0	Dr.	
62430	DAKHLA	320	6	35	00	0	0	—	11.8	+2.2	25	35	-4	21	-2	42	11	0	Dr.	
62438	KHARGA	360	4	35	00	0	0	—	11.6	+3.4	24	35	-5	22	-1	74	19	0	0	
62450	SUEZ	360	3	35	00	0	0	—	11.5	+2.5	26	33	-3	20	-2	55	16	0	12	17
62459	TOR	310	35	35	00	0	0	—	7.0	+0.5	25	30	-4	23	-1	74	20	0	Dr.	13
62462	HURGHADA	300	27		00	0	0	—	8.3		24	29		24		84	21	0	7	
62465	QUSEIR	360	19	15	02	0	0	—	7.4	+0.6	28	31	-2	26	0	52	17	0	0	4
62641	PORT SUDAN																		40	97
62600	WADI HALFA	10	2	30	03	1	0	—	9.7		28	42		23		27	7	0	27	
62640	ABU HAMAD	80	9	30	03	1	0	—			32	45		29		17	4	0		
62662	KAREIMA	20	14	30	02	1	3	Ci	5.7		30	45				21	5	0	6	3
62680	ATBARA	220	13	2	07	3	2	Ac	7.7		31	44		30		41	16	0	8	11
62721	KHARTUM	190	26	1	35	3	9		7.9		29	43		26		49	17	0	14	23
62730	KASSALA	180	9	30	00	0	0	—	9.2		27	41		22		66	20	1	46	65
6275	WAD MEDANI																		98	72
62801	RENK	230	5	50	01	3	6	Ci	11.2		29			23		55	19	0		186
62802	ROSEIRES																		182	268
62771	EL OBEID	210	7	30	02	2	8	Cs	9.8		27	37		24		58	18	0	63	83
62760	EL FASHER																		18	43
62770	GENEINA	230	9	30	02	0	7	Ac			25	36		24		36	9	0		97
62840	MALAKAL	240	2	30	01	0	8		10.8		24					79	20	0	540	353
62880	WAU	150	1	30	02	1	5	Ci	10.4		25	31		23		84	22	0	514	565
62941	JUBA																		444	625

HUMIDITY

Mean of day

STATION	on 4th	Diff. from normal
Alexandria	61	-13
Ezbekiya	59	+1
Giza	58	+1
Helwan	52	+7

GIZA
GRASS MINIMUM TEMP.
ON 5th 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

Farouk AIRPORT

On	At	PRESSURE mbs	HEIGHT ABOVE M.S.L. FEET	TEMP °C	HUMID %	WIND DIR.	WIND VEL.
5th	3h	1000		19	88	340	4
		950					
		900					
		850	1486	17	32	10	24
		800					
		700	3130	12		190	14
		600					
		500					
		400		-13			
		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 4th

HEIGHT m.	Farouk DIR.	Farouk VEL.	Matruh DIR.	Matruh VEL.	Port Said DIR.	Port Said VEL.	Minya DIR.	Minya VEL.	Hurghada DIR.	Hurghada VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
	15		14		14		15		15									
300	330	17	340	12	340	20	360	26	330	32								
600	340	29	360	16	340	30	360	26	330	31								
1000	340	21	350	13	340	9	360	22	330	17								
1500	340	22	300	16	330	15	340	30	300	14								
2000	350	43	300	14	340	5	360	15	300	4								
3000			290	16			340	16										
4000																		
5000																		
6000																		
7000																		
8000																		

UPPER WIND OBSERVATIONS on 5th

HEIGHT m	SIDI BARANI DIR.	SIDI BARANI VEL.	MATRUH DIR.	MATRUH VEL.	ROUAD AIRPORT DIR.	ROUAD AIRPORT VEL.	PORT SAID DIR.	PORT SAID VEL.	EL 'ARISH DIR.	EL 'ARISH VEL.	HELWAN DIR.	HELWAN VEL.	MINYA DIR.	MINYA VEL.	ASYUT MUNICIPAL DIR.	ASYUT MUNICIPAL VEL.	LUXOR DIR.	LUXOR VEL.	ASWAN DIR.	ASWAN VEL.	HURGHADA DIR.	HURGHADA VEL.	Fouad Aj. DIR.	Fouad Aj. VEL.
	9		4		4		4				9		3 15		9				9		9		3	
300	330	9	320	10	340	11	360	10			360	8	10	19	330	16			350	6	330	32	360	12
600	320	12	320	12	350	14	360	10			10	8	10	19	350	13			350	5	310	28	10	17
1000	330	10	330	11	350	17	350	3			20	13	10	21	360	14			320	6	240	16	10	17
1500	330	9	360	17	350	20	350	12			50	7	10	20	10	13			320	3	300	11	10	24
2000					350	16	360	5			80	4	20	26	50	6			210	9	280	5	10	14
3000											180	3							270	10				
4000											310	4							220	12				
5000											280	9											260	6
6000											230	12												
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.
	9		9		9		7		4						5		4				430		330	
300	360	4	360	30	360	7	10	13	20	15														
600	360	1	360	34	350	8	360	23	20	23					180	28	160	17					180	14
1000	270	4	360	15	350	16	350	31	10	18					190	27	170	25			70	3	160	15
1500	350	24			20	14	360	24	360	18					220	23	190	18			310	1	150	11
2000	350	21			10	19	40	12	330	31							250	8					360	13
3000	360	15							330	13							340	16					40	39
4000	310	11															310	8					70	10
5000																								
6000																								
7000																								
8000																								

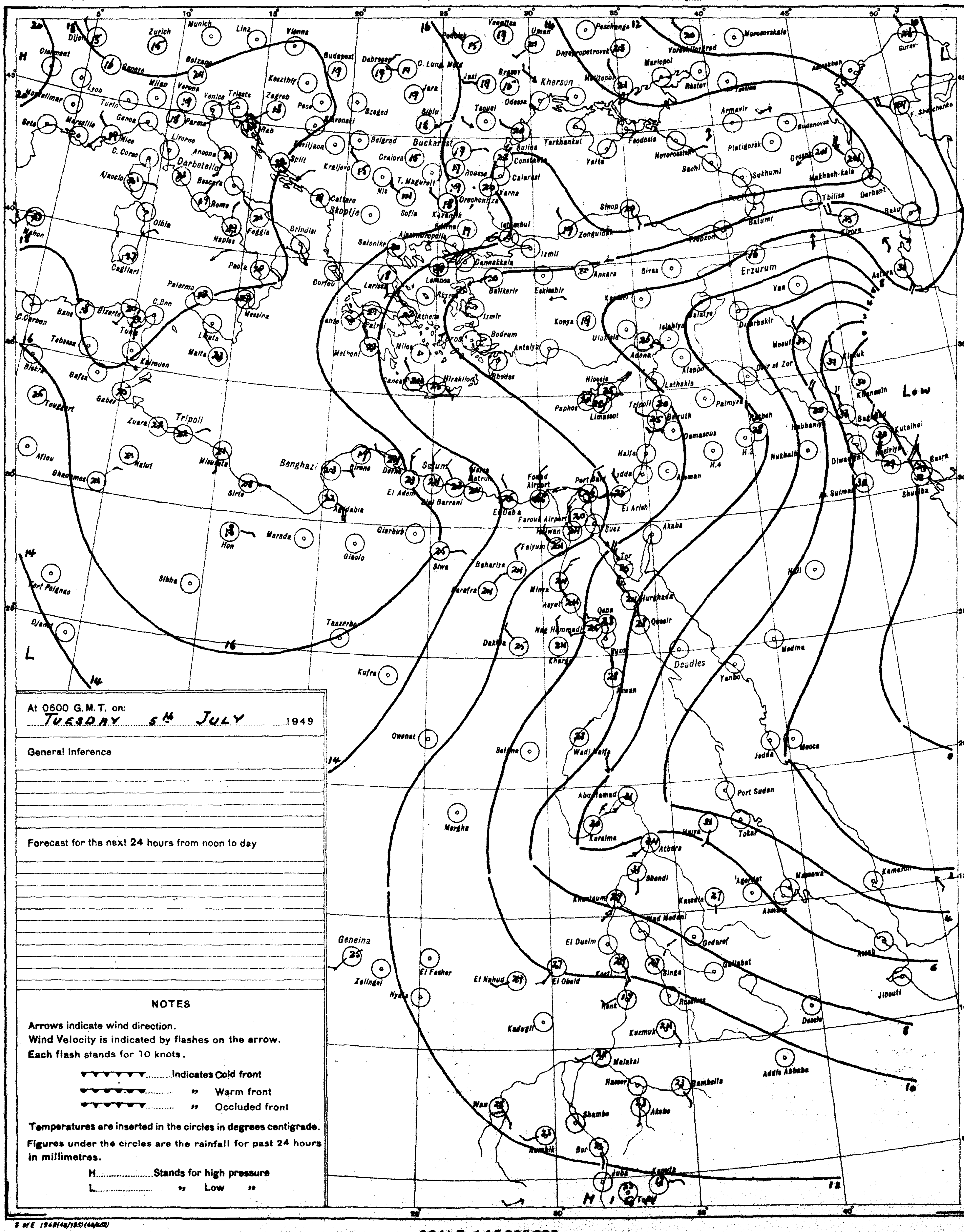
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 5 - 7 - 1949



At 0600 G.M.T. on:
TUESDAY 5th JULY 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 } Thunderstorm during............91
Hail } the past hour............93
Thunderstorm with rain............95
,, ,, hail............96
,, ,, Sandstorm............98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

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

Form No 7 F.

CAIRO
Time of Sunrise 02 59 G. M. T.
" " Sunset 17 00 G. M. T.

DAILY WEATHER REPORT

Date: Wednesday 6th July, 1949

At 1200 on Tues. 5th / At 1800 on Tues. 5th

Area	Index Number	Station	1200 Wind Direction	1200 Wind Velocity in knots	1200 Visibility in kilometres	1200 Present Weather	1200 Past Weather	1200 Cloud Amount 0-8	1200 Cloud Form	1200 Bar. Pressure M.S.L. mbs	1200 Temperature °C	1200 Humidity %	1200 Dew Point °C	1800 Wind Direction	1800 Wind Velocity in knots	1800 Visibility in kilometres	1800 Present Weather	1800 Past Weather	1800 Cloud Amount 0-8	1800 Cloud Form	1800 Bar. Pressure M.S.L. mbs	1800 Temperature °C	1800 Humidity %	1800 Dew Point °C	Rain past 12 hrs mms
Mediterranean	62300	SALUM	70	15	7	02	0	0	–	14.3	26	70	20	320	5	7	00	0	2	Ac	15.1	23	74	18	0
	62303	SIDI BARANI												320	12	35	02	2	8	Cu,Ac,Cs	15.6	23	84	20	0
	62306	MATRUH												360	11	13	03	1	4	Sc	14.3	23	84	20	0
	62309	EL DABA	320	6	35	00	0	0	–	13.3	26	62	18	320	2	15	00	0	0	–	11.9	24	69	18	0
		ALEXANDRIA	360	11	50	01	2	0	–	12.3	26	62	18	360	10	7	00	0	0	–	13.4	23	74	18	0
	62318	FOUAD (Airport)	340	15	18	02	0	1	Cu	12.5	27	55	17	340	14	18	01	0	0	–	12.7	24	69	18	0
	62330	DAMIETTA	340	2	15	01	0	1	Ac	11.4	26	55	16	340	2		02	0	1	Ac	11.6	24	74	19	0
	62333	PORT SAID	360	13	30	01	0	1	Sc	11.2	25	70	19	350	15	14	03	0	1	Sc	11.4	24	79	20	0
	62336	EL ARISH	320	2	35	01	0	0	–	11.2	27	55	17	320	2	15	03	0	3	Cu	11.6	25	74	20	0
Lower Egypt	62339	DAMANHUR	40	13	15	02	0	0	–	12.7	28	52	17	40	9	15	02	0	0	–	12.6	23	74	18	0
	62342	MANSURA	360	9	35	00	1	0	–	11.4	30	40	15	360	5			0	0	–	12.4	24	69	18	0
	62348	TANTA	310	8	35	02	0	0	–	12.6	30	40	15	310	2	35	02	0	0	–	12.6	24	54	14	0
	62354	ZAGAZIG	40	5	15	00	0	0	–	11.4	31	49	19	40	5		00	0	0	–	12.0	25	70	19	0
	62441	ISMAILIA	360	5	35	02	0	0	–	9.8	31	38	15	20	2	15	02	0	0	–	11.2	25	70	19	0
Cairo Area	62366	FAROUK (Airport)	360	17	30	00	0	0	–	10.3	31	41	16	340	14	12	00	0	0	–	11.4	26	48	14	0
	62372	ALMAZA	360	16	12	00	0	0	–	9.8	31	59	22												
		EZBEKIYA	360	6	35	00	0	0	–	10.0?	31	38	15	360	2	15	00	0	0	–	12.0	25	54	15	0
		GIZA	360	6	35	00	0	0	–	11.0?	30	36	13	360	2	15	00	0	0	–	12.2	26	45	12	0
	62378	HELWAN	340	16	15	06	0	0	–	9.4	30	35	13	340	12	15	06	0	0	–	11.2	26	42	12	0
Upper Egypt	62381	FAIYUM	330	5	35	01	0	0	–	9.5	32	28	11	360	2	35	02	0	0	–	9.8	29	43	15	0
	62387	MINYA	10	15	12	00	0	0	–	9.2	33	24	10	360	13	12	00	0	0	–	9.5	28	37	12	0
	62395	ASYUT	360	15	30	00	0	0	–	7.9	33	28	12												
	62399	NAG HAMMADI	320	5	7	00	0	0	–	6.0	37	27	15	290	2		00	0	3	Ci	5.9	29	40	14	0
	62402	QENA	240	5	50	03	0	2	Ci	6.0	36	33	17	240	5	7	02	1	2	Ci	5.9	31	38	15	0
	62405	LUXOR																							
	62414	ASWAN	00	0	50	01	1	5	Ci	5.0	38	24	14	00	0	50	00	0	0	–	5.5	36	22	11	0
Oases	62417	SIWA	320	10	35	00	0	0	–	14.7	32	34	14	90	6	7	00	0	0	–	14.4	30	35	13	0
	62420	BAHARIYA	360	5	35	02	0	0	–	11.5	32	24	9	360	3	15	02	0	0	–	12.2	28	27	7	0
	62423	FARAFRA	360	5	35	02	0	0	–	12.3	33	21	8	360	3	15	02	0	0	–	12.2	27	33	9	0
	62432	DAKHLA	320	10	50	00	0	0	–	8.7	32	29	12	320	2	35	00	0	0	–	9.6	30	21	5	0
	62435	KHARGA	360	2	35	00	0	0	–	8.3	33	34	15	360	1	15	00	0	0	–	8.4	30	31	11	0
Red Sea	62450	SUEZ	360	13	35	01	0	0	–	8.6	31	38	15	360	7	15	02	0	0	–	11.4	26	55	16	0
	62459	TOR	310	14	35	00	0	0	–	6.8	27	79	23	310	10	15	00	0	0	–	7.3	31	52	20	0
	62462	HURGHADA	320	19		03	0	3	Ci	5.6	25?	89	23	280	18		00	1	0	–	5.8	28	55	18	0
	62465	QUSEIR	360	13	15	02	0	0	–	6.3	30	70	24	360	9	15	02	0	0	–	6.0	28	70	22	0
	62641	PORT SUDAN	40	13	10	02	2	7	Cs	3.9	34	53	23												
Northern Sudan	62600	WADI HALFA	340	15	30	03	2	8	Cs	4.8	36	20	6												
	62640	ABU HAMAD	310	2	30	02	2	8	Cs	2.4	41	10	3												
	62660	KAREIMA																							
	62680	ATBARA	290	2	2	05	0	0	–	2.4	39	18	11												
	62721	KHARTUM	280	4	4	05	0	2	Ac	4.3	37	35	19												
	62730	KASSALA	230	2	30	00	0	0	–	4.6	35	35	17												
Central Sudan	62751	WAD MEDANI	230	5	35	02	1	7	Cu	3.5	38	25	15												
	62801	RENK	230	9	50	01	1	4	Ci	4.1	33	44	19												
	62802	ROSEIRES																							
	62771	EL OBEID	240	11	30	03	1	7	Cu,Ci	4.6	35	35	17												
	62760	EL FASHER	150	2	30	01	1	6	Cu,Ac		37	22	12												
	62770	GENEINA																							
S. Sudan	62840	MALAKAL	270	3	30	02	1	4	Cu,Ac	7.7	31	55	21												
	62880	WAU	180	1	30	02	1	6	Cu,Ac	7.2	33	50	21												
	62941	JUBA	180	2	30	02	2	2	Cu	7.2	31	55	21												

At 0600 on Wednesday 6th July

Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Dry Bulb	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs	Total from Oct. 1st	Normal from Oct. 1st	Station
320	8	7	01	0	2	Ac	15.4		24	27		19		69	18	0			SALUM
320	9	50	02	2	8	Cu,Cs	16.2		22	26		22		78	18	0	278		SIDI BARANI
10	11	15	01	1	1	Cu	15.1		25	27		21		65	18	0			MATRUH
320	5	35	01	0	3	Cu	13.8		25			21		70	19	0			EL DABA
40	5	50	01	1		Sc,Ac	13.9	+3.6	24	27	-2	22	0	74	19	0	267	186	ALEXANDRIA
340	14	15	02	0	0	–	13.4		26			22		70	20	0	265	138	FOUAD (Airport)
340	2		02	0	1	Cu	12.7	+3.3	25	27		20		74	20	0	319	106	DAMIETTA
360	10	18	01	1	1	Sc	12.4		25	27		24		74	20	0	72		PORT SAID
340	3	35	03	2	6	Cu	12.2	+2.9	25	28	-2	23	+4	74	20	0		94	EL ARISH
40	13	7	02	0	0	–	13.4	+3.8	26	29	-4	19	-1	70	20	0	102	101	DAMANHUR
360	9	35	00	0	0	–	13.3	+3.8	26	31	-4	20	0	70	20	0	49	55	MANSURA
310	5	35	02	0	0	–	13.8	+4.0	26	30	-5	16	-3	62	18	0	34	44	TANTA
40	5	7	00	0	0	–	13.3	+3.3	25	33	-2	18	-1	70	19	0	21	27	ZAGAZIG
360	2	7	00	1	3	Ac	12.3		26	31		21		70	20	0	14		ISMAILIA
40	14	12	01	1	5	Sc	12.7		24	32		20		69	18	0			FAROUK (Airport)
																			ALMAZA
20	5	15	01	0	3	Cu	13.0	+3.0	24	32	-4	20	-1	69	18	0	8	26	EZBEKIYA
20	5	15	01	0	3	Cu	13.2	+3.2	24	32	-3	19	0	69	18	0	16	27	GIZA
360	16	15	00	0	1	Cu	12.3	+2.4	24	32	-3	21	0	69	18	0	16	29	HELWAN
330	5	35	02	0	0	–	12.8	+3.2	24			20	-1	69	18	0	8	8	FAIYUM
20	19	10	01	1	1	Sc	11.5		24	34		20		61	16	0	5		MINYA
320	9	30	00	0	0	–	11.3		24			18		61	16	0	Dr.		ASYUT MANQABAD
270	5		00	0	0	–	8.7	+1.0	25	34		21		61	17	0	0		NAG HAMMADI
240	5	35	00	0	0	–	7.6	+0.5	28	38	-3	21	-3	40	13	0	Dr.		QENA
																	Dr.		LUXOR
360	9	50	00	0	0	–	8.0	+0.6	29	40	-1	24	-2	37	13	0	2		ASWAN
360	9	35	00	0	0	–	16.6	+4.2	23	35	-3	20	0	74	18	0	1	8	SIWA
360	5	35	02	0	0	–	14.2	+3.7	23	34	-2	17	-3	65	16	0	Dr.	7	BAHARIYA
360	5	15	02	0	1	As	14.6		23	34		18		61	15	0	Dr.		FARAFRA
360	10	35	00	0	0	–	12.0	+2.5	23	34	-5	21	-2	50	12	0	Dr.		DAKHLA
360	6	35	00	0	0	–	10.2	+2.1	25	34	-6	22	-1	47	13	0	0		KHARGA
360	8	35	00	0	5	Cu	13.1	+4.2	24	32	-4	20	-2	74	19	0	12	17	SUEZ
310	4	35	00	0	0	–			25	32	-2	23	-1	74	20	0	Dr.	13	TOR
300	24		00	0	0	–	8.2		25	29		23		74	20	0	7		HURGHADA
360	19	15	02	0	0	–	7.1	+0.4	28	30	-3	26	0	70	22	0	0	4	QUSEIR
110	1	30	00	0	0	–	5.4		34	36		29		56	24	0	40	97	PORT SUDAN
340	23	30	03	1	4	Ci	9.2		28	37		22		29	8	0	27		WADI HALFA
360	4	30	03	1	8	Cs	7.5		30	42		23		18	3	0			ABU HAMAD
360	11	30	03	2	8	Cs	8.2		30	42		24		13	-1	0	6	3	KAREIMA
230	5	30	03	1	8	Cs	6.3		32	43		29		36	15	0	8	11	ATBARA
220	19	30	03	2	8	Ac	9.2		27	39		24		48	15	0	14	25	KHARTUM
180	9	18	03	1	4	Ac	7.9		29	39		25		49	17	0	46	68	KASSALA
230	9	50	02	1	7	Ci	8.4		29	39		25		52	18	0	98	76	WAD MEDANI
																		190	RENK
90	2	35	01	1	2	As	9.0		26	33		23		70	20	0	182	275	ROSEIRES
270	10	30	01	1	8	Ci	8.6		29	36		27		35	12	0	63	86	EL OBEID
10	2	30	00	0	1	Ac,Ci			27	39		24		52	16	0	18	45	EL FASHER
270	6	30	02	2	7	Ac			25	37		22		70	19	9		101	GENEINA
230	1	30	03	2	5	Ac	9.7		27	32		23		70	21	0	540	358	MALAKAL
150	4	30	02	1	4	Ac	10.4		23	33		22		89	21	Dr.	514	571	WAU
																	444	629	JUBA

HUMIDITY Mean of day

Station	On 5th	Diff from normal
Alexandria	67	-7
Ezbekiya	56	-2
Giza	56	-1
Helwan	47	+1

GIZA
GRASS MINIMUM TEMP
On 6th 16.6 °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 6th At 3h

Pressure mbs	Height above M.S.L. feet	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000		21	69	340	4
950					
900					
850	1501	17	34	10	26
800					
700	3991	14		00	0
600					
500	5899	-2		250	12
400		-13			
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

Station	Matruh		Fouad A.P.		Port Said		Minya		Hurghada	
Time	14		15		14		15		15	
Height m	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	320	8	330	17	340	10	360	31	330	25
600	360	14	340	19	330	13	360	31	320	16
1000	320	15	340	20	350	16	360	43	310	19
1500	340	20	350	19	330	7	320	24	320	13
2000	340	16	320	9	250	9	280	14	300	20
3000	300	17	320	7					320	20
4000										
5000										
6000										
7000										
8000										

UPPER WIND OBSERVATIONS on 6th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		Farouk A.P.	
Time	9		4 15		3		4				9		5		9				9		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	320	14	300	18	350	7			10	19	350	26	340	10			330	4	330	35	10	23
600	320	11	320	14	310	23	350	9			10	36	360	24	350	12			350	6	300	34	20	24
1000	330	10	330	17	360	15					20	42	360	24	360	12			350	9	310	11	20	24
1500	310	12	330	19	280	26					20	27	80	8	20	3			320	6	300	4	10	26
2000	320	11	360	11	300	16					20				110	8							00	0
3000	320	11													20	10							00	0
4000	310	11													360	9								
5000																							270	7
6000																							250	21
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	9		9		9		7																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	30	9	20	57	360	40	360	21																
600	30	7	20	86	360	48	360	23															230	3
1000	30	12	20	66	360	76	10	23															210	9
1500	360	25					20	11															160	5
2000	350	28					40	4																
3000	320	15																					80	13
4000	320	16																					360	21
5000	350	8																					310	8
6000																							30	11
7000																								
8000																							280	6

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

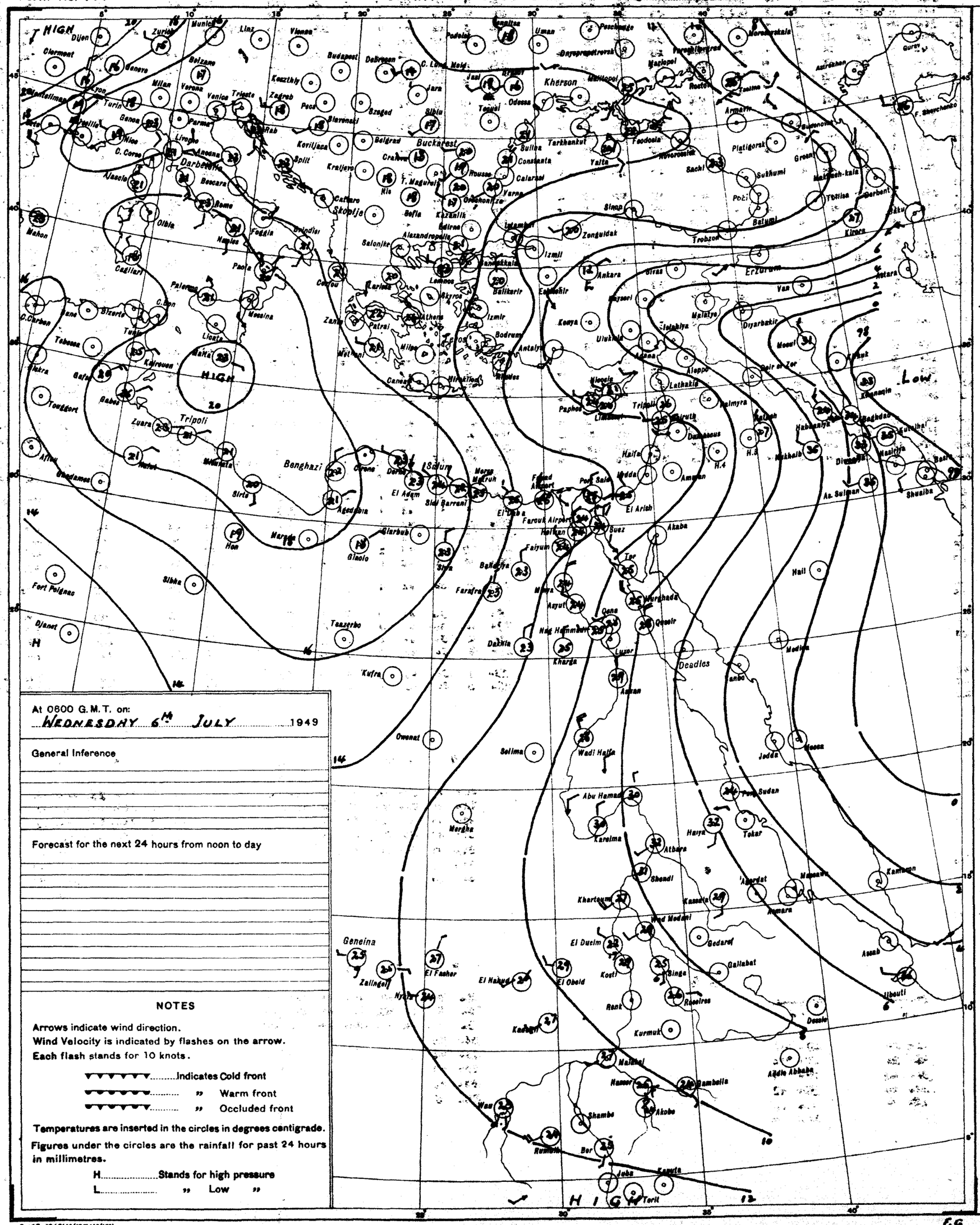
K.N.

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 6 - 7 - 1949



At 0600 G.M.T. on:
WEDNESDAY 6th JULY 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	ξ
Visibility more than 1000 metres: Duststorm or sandstorm within sight or at station during last hour	09	(S)
Visibility more than 1000 metres: Mist	10	=
Visibility more than 1000 metres: Shallow fog	12	=
Lightning, no thunder heard	13	≤
Precipitation within sight	16	(•)
Thunder, no precipitation	17	(R)
During past hour and not at time of observation: Squalls	18	▽
During past hour and not at time of observation: Drizzle	20	,
During past hour and not at time of observation: Rain	21	•
During past hour and not at time of observation: Showers of rain	25	▽
During past hour and not at time of observation: " " hail	27	▽
During past hour and not at time of observation: Fog	28	≡
During past hour and not at time of observation: Thunderstorm	29	R
Duststorm or Sandstorm	31	S
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	▽
" " hail	87	▽
Rain / Hail: Thunderstorm during the past hour	91	R• / R△
Thunderstorm with rain	95	R
" " hail	96	R
" " Sandstorm	98	R

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

Cloudless			○
Cirrus	Ci	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(46/195)(46/450)

F.G.

SCALE 1:15,000,000

CAIRO
Time of Sunrise 02 59 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 7th July, 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	360	17	7	02	0	0	–	15.0	25	70	19
	62303	SIDI BARANI	320	12	50	02	2	8	Cu, Cb	16.3	25	61	17
	62306	MATRUH	10	13		02	1	2	Cu	15.3	26	62	18
	62309	EL DABA	320	6	35	01	0	2	Cu	12.0	26	70	20
		ALEXANDRIA	360	11	50	00	0	0	–	13.6	25	42	17
	62318	FOUAD (Airport)	360	14	18	01	1	1	Sc	13.7	27	58	18
	62330	DAMIETTA	320	5	15	02	0	1	Ac	13.0	26	70	20
	62333	PORT SAID	360	13	30	02	0	0	–	12.6	26	70	20
	62336	EL ARISH	320	5	35	01	0	0	–	11.9	27	70	21
Lower Egypt	62339	DAMANHUR	360	13	15	02	0	0	–	13.3	29	52	18
	62342	MANSURA	360	13	35	02	1	4	Cu	12.6	31	49	19
	62348	TANTA	360	8	35	02	0	0	–	13.1	32	34	14
	62354	ZAGAZIG	320	5	15	00	0	0	–	11.8	33	38	17
	62441	ISMAILIA	360	5	15	02	0	0	–	11.4	32	24	9
Cairo Area	62366	FAROUK (Airport)											
	62372	ALMAZA											
		EZBEKIYA	20	4	35	00	1	0	–	11.6	32	38	16
		GIZA	20	4	35	00	1	0	–	12.0	31	32	12
	62378	HELWAN	360	10	35	02	0	0	–	11.1	32	24	9
Upper Egypt	62381	FAIYUM	20	5	35	02	0	0	–	11.1	32	28	11
	62387	MINYA	20	12	11	00	0	0	–	10.0	32	26	10
	62393	ASYUT MANQABAD	320	13	30	00	0	0	–	8.4	34	18	6
	62399	NAG HAMMADI	320	4	7	00	0	0	–	6.7	33	44	19
	62402	QENA	240	9	50	00	0	0	–	5.4	36	37	19
	62405	LUXOR											
	62414	ASWAN	340	3	50	00	0	0	–	5.0	39	18	11
Oases	62417	SIWA	40	5	35	00	0	0	–	15.8	34	47	21
	62420	BAHARIYA	360	7	35	02	0	0	–	11.9	33	21	8
	62423	FARAFRA	360	6	15	02	0	0	–	13.0	34	18	6
	62432	DAKHLA	320	10	50	00	0	0	–	9.5	32	24	9
	62435	KHARGA	360	4	35	00	0	0	–	8.0	35	29	14
Red Sea	62450	SUEZ	360	14	35	01	0	0	–	10.4	32	20	6
	62459	TOR	310	15	35	00	0	0	–		28	70	22
	62462	HURGHADA	320	16		00	0	0	–	7.1	27	70	21
	62465	QUSEIR	40	13	15	02	0	0	–	6.8	30	70	24
	62641	PORT SUDAN	70	11	30	03	1	4	Ci	4.1	35	53	24
North Sudan	62600	WADI HALFA	340	14	30	00	0	0	–	6.2	37	13	5
	62640	ABU HAMAD	350	2	30	01	0	1	Ci	3.3	40	10	2
	62660	KAREIMA	320	9	30	01	2	4	Ci	4.5	39	8	-1
	62680	ATBARA	230	5	30	02	2	6	Ci, Cs	3.2	40	6	-4
	62721	KHARTUM	360	10	30	01	2	6	Ci	3.9	39	16	13
	62730	KASSALA	230	2	30	03	1	3	Cb	3.8	37	33	18
Central Sudan	62751	WAD MEDANI	230	9	35	02	1	7	Ci	5.0	36	22	11
	62801	RENK											
	62802	ROSEIRES	200	2	35	01	1	3	Ac	6.7	32	49	20
	62771	EL OBEID											
	62760	EL FASHER	130	10	30	01	1	5	Cu, Sc		37	20	11
	62770	GENEINA											
S. Sudan	62840	MALAKAL	120	13	7	95	2	7	Cb	7.5	28	74	23
	62880	WAU	180	9	30	02	1	8	Cu, Cs	6.4	31	55	21
	62941	JUBA	40	5	30	02	9	7	Sc, Ac	9.6	27	74	21

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	320	4	7	02	0	0	–	15.1	24	69	18	0
SIDI BARANI	320	9	35	02	2	8	Cb, Ac, Ci	16.4	27	35	10	0
MATRUH	10	8	13	02	2	5	Cu	15.4	23	78	19	0
EL DABA	230	3	35	00	0	0	–	13.5	25	74	20	0
ALEXANDRIA	310	14	7	03	1		Sc, Ac	14.2	23	74	18	0
FOUAD (Airport)	10	17	14	02	0	3	Sc	14.1	23	65	16	0
DAMIETTA	340	5		03	1	5	Sc	13.5	24	74	19	0
PORT SAID												
EL ARISH	340	2	15	04	0	2	Cu	11.6	24	69	18	0
DAMANHUR	360	13	7	02	0	0	–	14.2	23	74	18	0
MANSURA	360	9		00	1	0	–	13.0	24	69	18	0
TANTA	310	2	35	02	0	0	–	13.7	23	50	12	0
ZAGAZIG	320	5		00	0	0	–	13.5	24	74	19	0
ISMAILIA	20	9	15	02	0	0	–	13.7	25	61	17	0
FAROUK (Airport)												
ALMAZA												
EZBEKIYA	360	6	15	00	0	0	–	13.1	26	51	15	0
GIZA	360	6	15	00	0	0	–	13.4	26	51	14	0
HELWAN	340	15	35	02	0	0	–	12.4	26	42	12	0
FAIYUM	20	5	35	02	0	0	–	11.1	29	35	12	0
MINYA	360	10	8	00	0	0	–	10.0	28	40	13	0
ASYUT MANQABAD												
NAG HAMMADI	270	2		00	0	0	–	5.6	29	40	14	0
QENA	270	5	7	00	0	0	–	5.6	32	28	11	0
LUXOR	260	7	12	00	0	0	–	4.8	35	15	5	0
ASWAN	360	8	50	00	0	0	–	5.3	35	19	8	0
SIWA	320	6	7	00	0	0	–	15.2	31	52	20	0
BAHARIYA	360	4	15	02	0	0	–	13.5	28	33	10	0
FARAFRA	360	5	7	02	0	0	–	12.0	28	27	7	0
DAKHLA	320	6	35	00	0	0	–	8.7	31	28	10	0
KHARGA	20	5	15	00	0	0	–	8.2	32	28	11	0
SUEZ	360	16	15	02	0	0	–	12.2	26	55	16	0
TOR	310	12	15	00	0	0	–		30	46	17	0
HURGHADA	280	22	30	00	0	0	–	5.6	30	40	15	0
QUSEIR	330	9	15	02	0	0	–	6.7	28	79	24	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 July

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs	Diff. from normal mbs	Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew point °C	Rainfall Past 24 hrs	Total from Oct. 1st	Normal from Oct. 1st
SALUM	320	10	7	02	0	0	–	16.2		25	26		18		70	19	0		
SIDI BARANI	320	5	50	02	2	3	Cu, Ac, Cb			24	26		22		79	20	0	278	
MATRUH	360	10	18	00	2	0	–	15.3		25	27		18		70	19	0		
EL DABA	340	6	35	01	0	3	Cb	14.6		26	26		17		62	18	0		
ALEXANDRIA	330	11	50	03	2	6	Cu, Sc	14.0	+3.8	25	27	-2	22	0	61	17	0	267	186
FOUAD (Airport)	360	14	18	02	2	6	Sc	13.8		25	28		22		65	18	0	265	138
DAMIETTA	320	2	7	01	0	2	Ac	13.3	+4.0	25	27		19		70	19	0	319	106
PORT SAID	350	6		01	1	2	Sc	12.9		24			23		69	18	0	72	
EL ARISH	320	2	35	03	2	6	Cu	12.7	+3.5	25	28	-2	22	+2	70	19	0		94
DAMANHUR	310	9	7	03	1	6	Cu	14.0	+4.5	23	30	-3	19	-1	84	20	0	102	101
MANSURA	340	9	35	00	0	0	–	13.6	+4.2	26	32	-3	18	-2	62	18	0	49	55
TANTA	360	5	35	01	1	3	Cu	14.4	+4.7	24	32	-3	15	-4	69	18	0	34	44
ZAGAZIG	320	5	7	00	0	0	–	14.4	+4.5	25	34	-1	18	-1	70	19	0	21	27
ISMAILIA	360	2	7	00	1	4	Sc	13.5		26	33		21		55	16	0	14	
FAROUK (Airport)	360	10	12	01	2	5	Sc	13.7		23			20		61	15	0		
ALMAZA	20	10	12	02	2	7	Sc	13.6	+3.7	23			20		65	16	0		
EZBEKIYA	330	8	15	00	0	0	–	13.4	+3.5	24	32	-4	21	0	61	16	0	8	26
GIZA	330	8	15	00	0	0	–	13.4	+3.5	24	32	-3	20	+1	61	16	0	16	27
HELWAN	360	13	15	00	1	2	Cu	13.0	+3.2	23	32	-3	20	-1	61	15	0	16	29
FAIYUM	20	5	35	02	0	0	–	13.4	+3.9	25			19	-2	54	15	0	8	8
MINYA	20	20	10	00	0	0	–	12.8		23	33		20		65	16	0	5	
ASYUT MANQABAD	320	6	30	00	0	0	–	12.2		24			20		61	16	0	Dr.	
NAG HAMMADI	320	4	3	00	0	0	–	9.9	+2.3	25	35		20		61	17	0	0	
QENA	270	5	35	00	0	0	–	7.4	+0.4	29	39	-2	23	-1	40	14	0	Dr.	
LUXOR											39							Dr.	
ASWAN	360	9	50	00	0	0	–	8.6	+1.2	29	40	-1	26	0	37	13	0	2	
SIWA	00	0	35	00	0	0	–	17.4	+5.1	24			19	-1	79	20	0	1	8
BAHARIYA	360	5	35	02	1	3	Ac	14.7	+4.3	23	34	-3	18	-2	65	16	0	Dr.	7
FARAFRA	360	6	15	02	1	1	Cu	16.0		22	34		17		74	17	0	Dr.	
DAKHLA	360	3	35	00	0	0	–	12.4	+3.0	24	35	-4	22	-1	54	14	0	Dr.	
KHARGA	20	6	35	00	0	0	–	11.2	+3.1	25	36	-4	22	-1	54	15	0	0	
SUEZ	360	12	35	00	0	5	Cu	13.1	+4.3	24	33	-3	20	-2	61	16	0	12	17
TOR	310	1	35	00	0	0	–			25	32	-2	24	0	74	20	0	Dr.	13
HURGHADA	290	27		00	0	0	–	9.6		24	30		23		74	19	0	7	
QUSEIR	330	13	15	02	0	0	–	8.6	+1.9	27	31	-2	26	0	70	21	0	0	4
PORT SUDAN	350	1	30	03	2	7	Ac, Ci	5.8		35	36		27		35	17	0	40	97
WADI HALFA																	0	27	
ABU HAMAD																	0		
KAREIMA	340	5	30	00	0	0	–	8.2		29	40		24		14	-1	0	6	3
ATBARA	230	2	30	00	1	0	–	7.1		31	41		26		22	7	0	8	12
KHARTUM	270	6	30	02	1	4	Ac	8.6		30			24		18	3	0	14	27
KASSALA	230	9	30	01	9	8	Ac	9.9		25	39		21		84	22	52	98	70
WAD MEDANI	230	9	50	02	1	8	Cc	9.1		28	38		26		58	19	0	98	80
RENK	230	9	35	02	2	8	Cu	13.3		26	33		21		79	22	4		194
ROSEIRES	230	2	3	61	6	8	Fs, As	13.1		22	35		22		95	22	10	192	281
EL OBEID	90	10	30	03	1	5	Ci			26	35		23		62	18	0	63	89
EL FASHER	130	15	30	01	1	3	Cu, Ci			27	38		26		58	18	0	18	48
GENEINA	00	0	30	01	0	4	Ci			25			23		70	19	0		106
MALAKAL																	32	572	363
WAU	00	0		02	1	7	Fs									21	27	541	577
JUBA	340	2	10	03	6	7	St, As	13.8		23			21		50	12	5	449	633

HUMIDITY % Mean of day

Station	On 6th	D.G. from normal
Alexandria	78	+4
Ezbekiya	57	-1
Giza	56	-1
Helwan	51	+5

GIZA
GRASS MINIMUM TEMP.
ON 7th 17.8 °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 6th At 3h

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir	Wind Vel.
1000	113	21	78	330	4
950					
900					
850	1500	19		360	12
800					
700	3149	12		40	4
600					
500	5896	0		290	10
400		-10			
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

Height m.	Port Said (Time 14) Dir.	Vel.	Matruh (Time 14) Dir.	Vel.	Fouad Ap. (Time 16) Dir.	Vel.	Minya (Time 15 30) Dir.	Vel.
300	340	25	330	16	350	33	10	26
600	340	31	320	9	340	29	10	16
1000	340	20	340	16	340	36	360	35
1500	320	14	330	21	360	21	10	28
2000	320	22	330	16	350	16		
3000	260	8			330	15		
4000								
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 7th

Height m.	Sidi Barani (9) Dir.	Vel.	Matruh (4) Dir.	Vel.	Fouad Airport (3) Dir.	Vel.	Port Said (4) Dir.	Vel.	El Arish Dir.	Vel.	Helwan Dir.	Vel.	Minya (3) Dir.	Vel.	Asyut Manqabad (9) Dir.	Vel.	Luxor Dir.	Vel.	Aswan (9) Dir.	Vel.	Hurghada (9) Dir.	Vel.	Farouk Ap. (3) Dir.	Vel.
300	330	11	320	13	330	30	350	13					360	28	340	19			10	11	310	22	360	10
600	350	8	340	15	340	19	340	10					10	36	340	18			340	10	320	24	10	16
1000	100	19	350	19	340	18	320	12					10	31	350	20			320	7	280	16	360	17
1500			360	27			320	8					20	22					330	7	190	7	360	17
2000			360	19			300	7					360	11					320	6	300	14	30	4
3000			30	7									40	10					290	8	80	8	40	4
4000			340	9																				
5000			290	11																			270	8
6000			300	17																			270	10
7000																								
8000																								

Height m.	Siwa (9) Dir.	Vel.	Bahariya (9) Dir.	Vel.	Dakhla (9) Dir.	Vel.	Kharga (7) Dir.	Vel.	Wadi Halfa (4) 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	340	9	350	14	350	10	10	13	360	15														
600	10	12	360	10	350	9	10	21	20	19														
1000	10	16	350	14	350	14	10	29	20	21														
1500	350	23	360	25	340	30																		
2000	250	18	360	23																				
3000	10	18																						
4000	360	15																						
5000	10	10																						
6000	10	13																						
7000																								
8000																								

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

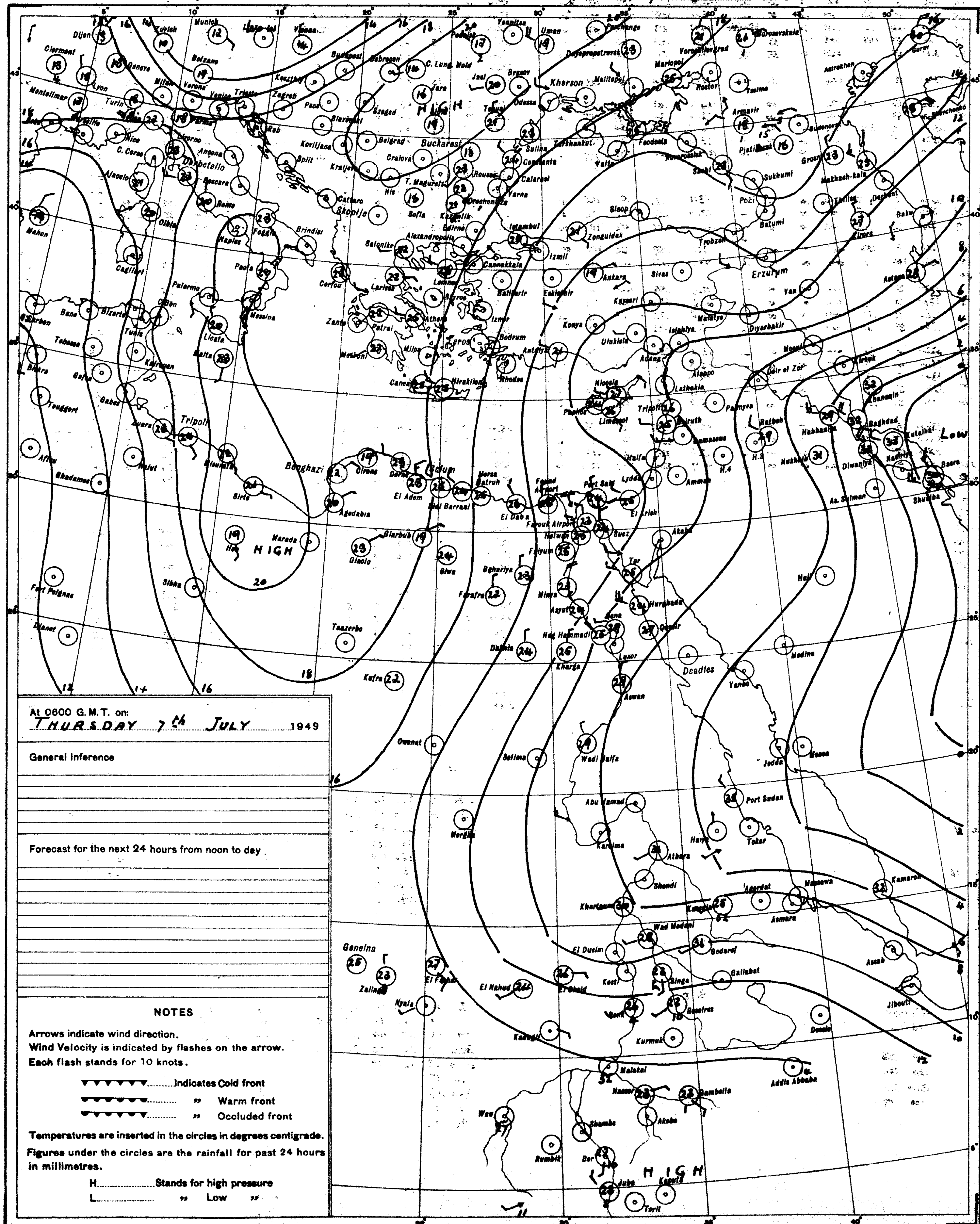
K. N.

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 7 - 7 - 1949



At 0600 G.M.T. on:

THURSDAY 7th JULY 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	S
,, or sand raised by wind	07	$
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	=
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	≡]
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	▽
,, ,, hail	87	
Rain } Thunderstorm during	91	
Hail } the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

Cloudless		—	○
Cirrus	Ci	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)(48/456)

SCALE 1:15,000,000

F.G.

CAIRO
Time of Sunrise 03 00 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 8th July , 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 O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms
MEDITERRANEAN	62300	SALUM	340	12	7	02	0	0	—	15.8	28	40	13	0
	62303	SIDI BARANI	320	8	50	02	2	8	Cs	16.8	25	70	19	0
	62306	MATRUH	10	15	18	00	0	0	—	15.6	27	62	19	0
	62309	EL DABA	340	5	35	00	0	0	—	15.2	27	62	19	0
		ALEXANDRIA	360	20	50	02	2	6	Cu,Sc	13.4	26	62	18	0
	62318	FOUAD (Airport)	340	14	18	02	1	3	Sc	13.3	27	62	19	0
	62330	DAMIETTA	360	5	15	01	0	1	Ac	12.3	27	70	21	0
	62333	PORT SAID	360	12	30	02	0	0	—	11.9	27	66	20	0
	62336	EL 'ARISH	260	2	35	01	0	0	—	12.2	26	70	20	0
LOWER EGYPT	62339	DAMANHUR	40	9	15	01	1	1	Cu	13.5	29	66	22	0
	62342	MANSURA	360	9	35	00	0	0	—	12.3	32	43	18	0
	62345	TANTA	310	5	35	02	0	0	—	13.4	31	43	17	0
	62354	ZAGAZIG	320	5	15	00	0	0	—	12.7	32	49	20	0
	62361	ISMAILIA	360	5	15	02	0	0	—	10.7	32	38	16	0
CAIRO AREA	62366	FAROUK (Airport)	360	10	30	00	0	0	—	12.1	32	43	18	
	62370	ALMAZA	20	10	15	00	0	0	—	11.3	32	43	18	0
		EZBEKIYA	360	4	35	00	0	0	—	11.1	32	38	16	0
		GIZA	360	4	35	00	0	0	—	11.9	32	39	16	0
	62378	HELWAN	340	11	15	02	0	0	—	11.2	31	31	12	0
FAYOUM DISTRICT	62381	FAYOUM	360	5	35	02	0	0	—	11.0	32	34	14	0
	62384	MINYA	30	18	12	00	0	0	—	10.5	32	34	14	0
	62393	ASYUT [illegible]	320	9	30	00	0	0	—	9.4	32	34	14	
	62399	NAG HAMMADI	270	5	7	00	0	0	—	7.5	33	38	17	0
	62402	QENA	240	5	50	00	0	0	—	7.0	37	35	19	
	62405	LUXOR												0
	62414	ASWAN	00	0	50	09	0	0	—	5.0	41	15	9	0
OASES	624[illegible]	SIWA	320	9	35	00	0	0	—	16.8	32	59	23	0
	62420	BAHARIYA	360	6	35	02	1	0	—	12.4	32	28	11	0
	62405	FARAFRA	360	10	35	02	0	0	—	13.5	31	28	10	0
	62432	DAKHLA	320	6	50	00	0	0	—	11.1	32	24	9	0
	62435	KHARGA	20	2	35	00	0	0	—	9.3	35	23	11	0
RED SEA	62460	SUEZ	00	0	35	01	0	0	—	9.9	32	34	14	0
	62456	TOR	310	14	35	00	6	0	—	8.8	27	79	23	0
	62462	HURGHADA	33c	17		01	0	1	Ci	7.4	27	70	21	0
	62465	QUSEIR	40	9	15	02	0	0	—	7.5	29	79	25	0
	62641	PORT SUDAN						4	Ac,Ci	5.3	26	94	25	
NORTH SUDAN	62600	WADI HALFA	360	10	30	00	1	0	—	6.1	26	29	8	
	62640	ABU HAMAD												
	62660	KAREIMA												
	62680	ATBARA												
	62721	KHARTUM												
	62736	KASSALA												
CENTRAL SUDAN	62761	WAD MEDANI												
	62801	RENK												
	62802	ROSEIRES												
	62771	EL OBEID	20	7	35	03		4	Cu,Ac					
	62760	EL FASHER												
	62770	GENEINA												
S. SUDAN	62840	MALAKAL												
	62880	WAU												
	62941	JUBA												

At 1800 on Thurs 7th

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms
62300	SALUM	320	4	7	02	0	0	—	14.3	24	69	18	0
62303	SIDI BARANI	320	6	35	02	2	8	Cs		22	83	19	0
62306	MATRUH	360	12	14	00	0	0	—	14.8	25			0
62309	EL DABA	320	3	15	00	0	0	—	12.6	24	83	21	0
	ALEXANDRIA	320	10	7	01	2	Sc,Ac		12.8	23	88	21	0
62318	FOUAD (Airport)	320	14	14	03	1	6	Sc	13.1	24	70	20	0
62330	DAMIETTA	340	2		03	1	3	Ac	14.9	24	90	23	0
62333	PORT SAID	360	11	18	03	0	1	Sc	11.3	24	79	20	0
62336	EL 'ARISH	360	5	15	03	1	3	Cu	11.9	24	83	21	0
62339	DAMANHUR	40	9	7	02	0	0	—	12.4	24	74	19	0
62342	MANSURA	320	5		00	0	0	—	10.8	25	74	20	0
62345	TANTA	310	2	35	02	0	0	—	1	24	61	16	0
62354	ZAGAZIG	40	5		00	0	0	—	10.8	26	74	21	0
62361	ISMAILIA	20	2	15	02	0	0	—	11.1	26	62	18	0
62366	FAROUK (Airport)												
62370	ALMAZA	320	18	15	00	0	0	—	10.7	23	62	20	0
	EZBEKIYA	20	4	15	00	0	0	—	11.1	27	55	17	0
	GIZA	360	4	35	00	0	0	—	11.8	27	56	17	0
62378	HELWAN	360	4	15	00	0	0	—	10.8	26	74	21	0
62381	FAYOUM	35	02	0	0	—	9.5	30	35	13	0		
62384	MINYA	360	8	10	00	0	0	—	9.2	26	48	14	0
62393	ASYUT [illegible]												
62399	NAG HAMMADI	290	2	7	00	0	0	—	6.7	29	40	14	0
62402	QENA												
62405	LUXOR	250	10	12	01	0	0	—	6.8	32	24	9	0
62414	ASWAN	360	8	50	09	0	0	—	6.0	38	13	5	0
624[illegible]	SIWA	320	2	35	00	0	0	—	14.4	31	70	25	0
62420	BAHARIYA	360	5	15	00	0	8	—	12.2	29	40	14	0
62405	FARAFRA	320	2	15	02	1	7	As	12.4	27	33	9	0
62432	DAKHLA	320	6	35	00	0	0	—	9.4	29	29	9	0
62435	KHARGA	00	0	15	09	0	0	—	9.0	30	31	11	0
62460	SUEZ	360	8	15	02	0	0	—	9.9	26	62	18	0
62456	TOR	310	3	15	00	0	0	—	7.6	28	62	20	0
62462	HURGHADA	290	14		00	0	0	—	6.5	28	62	20	0
62465	QUSEIR	330	9	15	02	0	0	—	6.7	28	79	24	0
62641	PORT SUDAN												
62600	WADI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	ATBARA												
62721	KHARTUM												
62736	KASSALA												
62761	WAD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID												
62760	EL FASHER												
62770	GENEINA												
62840	MALAKAL												
62880	WAU												
62941	JUBA												

At 0600 on Friday 8th July

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C	RAINFALL mms. Past 24 hrs.	RAINFALL mms. Total From Oct. 1st.	RAINFALL mms. Normal From Oct. 1st	STATION
62300	SALUM	320	8	7	02	0	0	—	13.9		26	29		18		58	17	0			SALUM
62303	SIDI BARANI	320	8	50	02	2	8	Cs	13.9		24	26		20		83	21	0	278		SIDI BARANI
62306	MATRUH	360	8	15	00	0	0	—	12.7		25	28		20		70	19	0			MATRUH
62309	EL DABA	320	6	35	00	0	0	—	13.0		25	27		22		74	20	0			EL DABA
	ALEXANDRIA	40	5	50	01	0		Sc,Ac	11.6	+1.5	25	27	-2	22	0	74	20	0	267	186	ALEXANDRIA
62318	FOUAD (Airport)	350	12	18	00	0	0	—	10.9		26	28		22		70	20	0	265	138	FOUAD (Airport)
62330	DAMIETTA	220	2	7	00	0	0	—	13.1	+3.9	27	27		18		70	21	0	319	106	DAMIETTA
62333	PORT SAID	270	5	18	01	1	2	Sc	10.2		24	27		22		74	21	0	72		PORT SAID
62336	EL 'ARISH	220	2	35	01	0	0	—	10.7	+1.6	28	27	-2	21	+1	62	20	0		96	EL 'ARISH
62339	DAMANHUR	40	5	7	02	0	0	—	11.1	+1.6	26	30	-3	19	-1	74	21	0	102	101	DAMANHUR
62342	MANSURA	340	5	35	00	0	0	—	10.7	+1.4	27	32	-3	21	+1	70	21	0	49	55	MANSURA
62345	TANTA	310	5	35	02	0	0	—	11.8	+2.1	24	32	-3	18	-1	69	18	0	34	44	TANTA
62354	ZAGAZIG	40	5	7	01	0	0	—	11.2	+1.4	24	34	-1	19	0	74	19	0	21	27	ZAGAZIG
62361	ISMAILIA	00	0	7	01	1	2	Sc	10.4		26	33		22		70	20	0	14		ISMAILIA
62366	FAROUK (Airport)																				FAROUK (Airport)
62370	ALMAZA	30	6	12	01	0	0	—	10.2	+0.4	23	33		20		74	18	0			ALMAZA
	EZBEKIYA	20	3	15	00	0	0	—	10.2	+0.4	24	33	-3	21	0	69	18	0	8	26	EZBEKIYA
	GIZA	20	3	15	00	0	0	—	11.1	+1.3	24	33	-2	21	+2	81	20	0	16	27	GIZA
62378	HELWAN	360	11	15	00	0	0	—	10.3	+0.6	23	33	-2	20	-1	65	16	0	16	29	HELWAN
62381	FAYOUM	360	2	35	02	0	0	—	10.0	+0.6	24			20	-1	69	18	0	8	8	FAYOUM
62384	MINYA	20	15	10	01	2	4	Sc	9.9		24	34		20		65	17	0	5		MINYA
62393	ASYUT [illegible]	320	3	30	00	0	1	Cu	9.7		24			20		65	17	0	Dr.		ASYUT [illegible]
62399	NAG HAMMADI	320	4	3	00	0	0	—	7.5	-0.1	27	34		21		62	19	0	0		NAG HAMMADI
62402	QENA	240	9	35	00	0	0	—	7.9	+0.9	27			22	-2	52	16	0	Dr.		QENA
62405	LUXOR											32							Dr.		LUXOR
62414	ASWAN	360	4	50	00	0	0	—	7.4	+0.1	29	42	+1	24	-2	46	16	0	2		ASWAN
624[illegible]	SIWA	40	0	35	00	0	0	—	15.4	+3.1	24	36	-2	19	-1	83	21	0	1	8	SIWA
62420	BAHARIYA	360	5	35	02	0	0	—	12.4	+2.1	24	34	-3	20	0	69	18	0	Dr.	7	BAHARIYA
62405	FARAFRA	360	6	15	02	0	0	—	12.4		23	33		18		74	18	0	Dr.		FARAFRA
62432	DAKHLA	320	6	35	00	0	0	—	10.6	+1.3	25	34	-5	22	-1	54	15	0	Dr.		DAKHLA
62435	KHARGA	20	4	35	00	0	0	—	9.8	+1.8	28	35	-5	23	0	52	17	0	0		KHARGA
62460	SUEZ	00	0	35	00	0	0	—	9.5	+4.8	25	34	-2	20	-2	61	17	0	12	17	SUEZ
62456	TOR	310	6	35	00	0	0	—	7.5	+1.3	25	32	-3	23	-1	74	20	0	Dr.	13	TOR
62462	HURGHADA	300	16		00	0	0	—	7.0		26	28		24		58	17		7		HURGHADA
62465	QUSEIR	360	9	15	02	0	0	—	6.4	-0.2	29	30	-3	25	-1	66	22	0	0	4	QUSEIR
62641	PORT SUDAN																		40	98	PORT SUDAN
62600	WADI HALFA	360	9	30	00	0	0	—	8.0		29	40		23		33	11	0	27		WADI HALFA
62640	ABU HAMAD	360	5	30	03	1	0	—	4.8		34	42		27		19	7	0			ABU HAMAD
62660	KAREIMA	340	3	30	01	1	6	Ac	6.5		30	40		25		22	6	0	6	4	KAREIMA
62680	ATBARA	310	5	30	01	2	6	Ac	5.0		34	42		28		14	3	0	8	13	ATBARA
62721	KHARTUM																		14	29	KHARTUM
62736	KASSALA	200	5	30	01	1	2	Ci	8.3		28	34		25		66	21	0	98	73	KASSALA
62761	WAD MEDANI	230	9	50	01	1	4	Ci	8.2		28	38		23		52	17	0	98	84	WAD MEDANI
62801	RENK	230	5	50	00	0	0	—	9.0		26	31		21		79	22	0		198	RENK
62802	ROSEIRES	230	2	3	02	2	8	As	9.4		25	29		22		84	22	Dr.	192	288	ROSEIRES
62771	EL OBEID	250	1	30	01	1	1	Ac	8.6		29	37		26		49	17	0	63	92	EL OBEID
62760	EL FASHER	00	0	30	00	0	0	—			29	39				25	7	0	18	50	EL FASHER
62770	GENEINA	250	1	30	01	1	1	Ac			29	37		26		49	17	0		110	GENEINA
62840	MALAKAL	160	4	30	02	2	7	Ac	10.7		25	31		22		84	22	0	572	368	MALAKAL
62880	WAU	00	0	30	02	1	7	Ac	10.4		24	33		23		89	22	0	541	583	WAU
62941	JUBA																		449	637	JUBA

HUMIDITY

Mean of day

STATION	7½	13½
Alexandria	72	-2
Ezbakiya	54	-4
Giza	54	-4
Helwan	52	+6

GIZA
GRASS MINIMUM TEMP.
ON 8th 18.2 °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		AIRPORT		On	At			AIRPORT		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.		
1000								1000							
950								950							
900								900							
850								850							
800								800							
700								700							
600								600							
500								500							
400								400							
300								300							

UPPER WIND OBSERVATIONS on 7th

STATION	Matruh				Fouad Ap.				Port Said				Minya				Hurghada			
TIME	14				15				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.
300	330	20			340	12			340	23			10	16			330	36		
600	340	23			330	11			340	18			10	19			330	17		
1000	360	29			330	23			10	4			10	16			330	11		
1500	340	23			320	16			360	12			10	17			280	6		
2000	350	20							40	7			30	14			300	22		
3000									290	8										
4000																				
5000																				
6000																				
7000																				
8000																				

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

UPPER WIND OBSERVATIONS on 8th

STATION	SIDI BARANI		MATRUH		ROUAD AIRPORT		PORT SAID		EL 'ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA		
TIME	9		3 45		3		4						6 30		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	330	9	320	13	350	12	300	7					350	14	310	10					340	29	
600	330	5	360	16	20	14	300	8					360	16	320	10					310	23	
1000	10	6	360	12	30	16	270	6					30	14	320	10					250	17	
1500	20	10	10	7	50	13							50	11	360	3					280	12	
2000	30	7	10	10	10	7							340	3	180	2					280	8	
3000	360	6	10	10	60	4							130	8	40	2					320	7	
4000	10	6	30	12	20	10							330	9	270	7							
5000													40	6									
6000																							
7000																							
8000																							

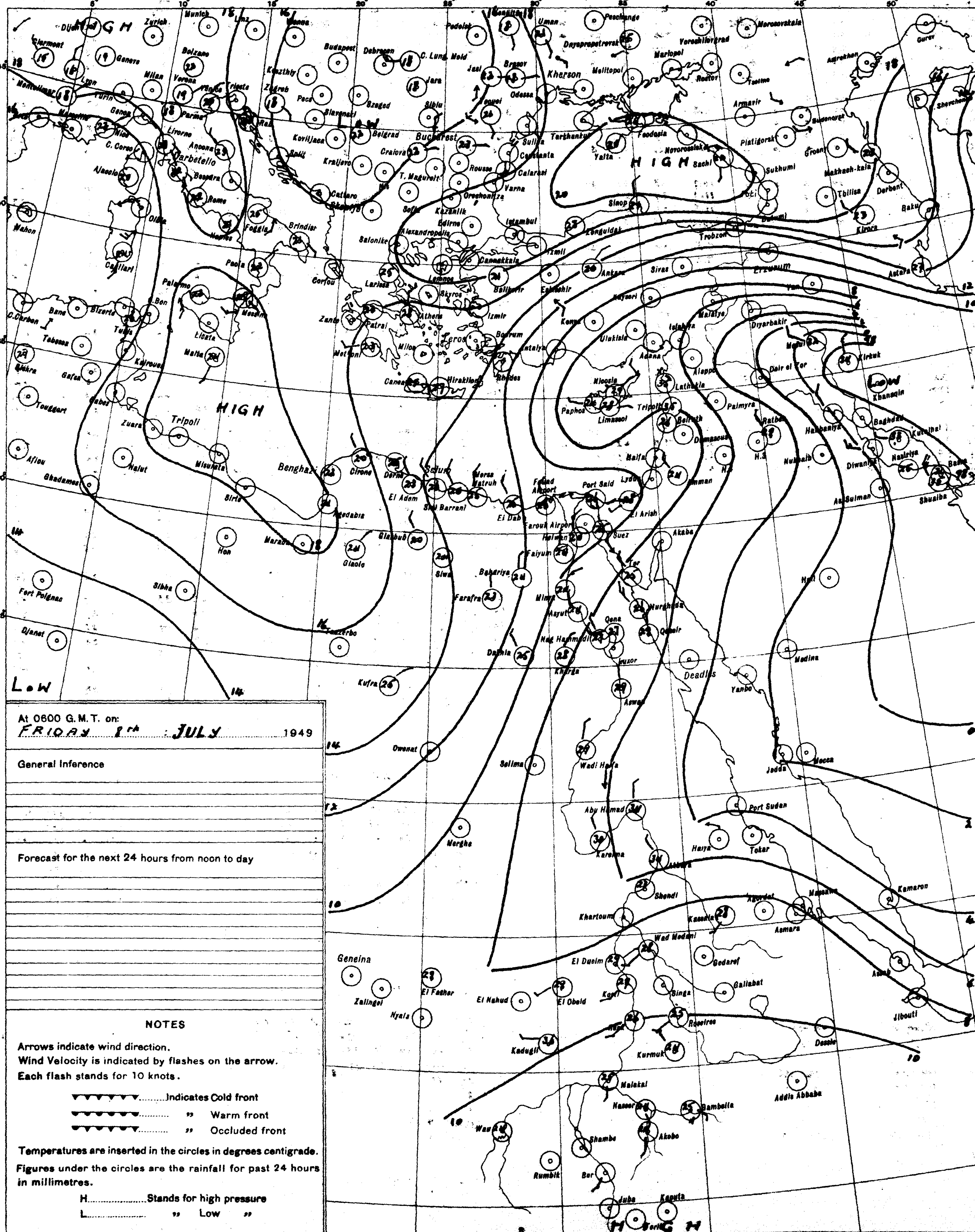
STATION	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME	8 30		9		9		7										4				4 30			
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	10	10	10		340	13	360	14																
600	20	10	360		330	8	360	16									190	16						
1000	10	16	360	30	350	18	340	16									210	18			70	5		
1500	20	14	360	23	340	26	320	16													120	10		
2000	20	12																						
3000	20	10																			180	6		
4000	10	15																						
5000	360	9																						
6000	10	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.

K.N

Note: All times G. M. T.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 8 7 1949



At 0600 G.M.T. on:
FRIDAY 8th JULY 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 „

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

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

CAIRO
Time of Sunrise 3 00 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: SATURDAY 9th JULY, 1949

At 1200 on FRIDAY 8th / At 1800 on FRIDAY 8th

Area	Index Number	Station	1200 Wind Direction	1200 Wind Velocity in knots	1200 Visibility in kilometres	1200 Present weather	1200 Past weather	1200 Cloud Amount 0-8	1200 Cloud Form	1200 Bar. Pressure M.S.L. mbs	1200 Temperature °C	1200 Humidity %	1200 Dew point °C	1800 Wind Direction	1800 Wind Velocity in knots	1800 Visibility in kilometres	1800 Present weather	1800 Past weather	1800 Cloud Amount 0-8	1800 Cloud Form	1800 Bar. Pressure M.S.L. mbs	1800 Temperature °C	1800 Humidity %	1800 Dew point °C	Rain past 12 hrs mms
Mediterranean	62300	SALÛM	360	15	7	02	0	0	—	12.8	29	46	16	320	5	7	02	0	0	—	10.2	25	61	17	0
	62303	SÎDI BARÂNI	320	11	50	02	2	8	Cs	13.1	26	74	21	320	6	35	02	2	8	Cs	12.0	24	83	21	0
	62306	MATRÛH	360	11	18	00	0	0	—	12.1	28	58	19			12	00	0	0	—	11.1	24	69	18	0
	62309	EL DABʿA	320	5	35	00	0	0	—		27	70	21	320	3	15	00	0	0	—	12.4	24	83	21	0
		ALEXANDRIA	310	12	50	00	0	0	—	9.8	26	74	21	330	5	7	00	0	0	—	9.5	24	83	21	0
	62318	FOUAD (Airport)	340	14	18	02	0	0	—	9.5	28	66	21	330	13	12	02	0	0	—	8.6	24	83	21	0
	62330	DAMIETTA	320	2	15	00	0	0	—	8.7	30	52	19	320	2		02	0	0	—	8.7	25	74	20	0
	62333	PORT SAʿÎD	350	9	30	02	0	0	—	8.7	28	66	21	330	15	15	02	0	0	—	7.8	26	74	21	0
	62336	EL ʿARÎSH														15	02	0	0	—	6.7	25	94	24	0
Lower Egypt	62339	DAMANHÛR	40	9	15	02	0	0	—	11.3	31	41	16	310	5	15	02	0	0	—	9.3	25	70	19	0
	62342	MANSÛRA	40	5	35	00	0	0	—	8.3	36	25	13	360	5		00	0	0	—	8.0	26	70	20	0
	62348	TANTA	00	0	35	02	0	0	—	8.3	35	29	14	270	2	35	02	0	0	—	9.3	26	48	14	0
	62354	ZAGÂZIG	40	5	15	00	0	0	—	8.9	34	41	19	320	5		00	0	0	—		29	52	18	0
	62441	ISMAʿÎLIA	20	5	15	02	0	0	—	9.1	35	23	11	290	2	7	02	0	0	—	9.4	29	46	16	0
Cairo Area	62366	FAROUK (Airport)	360	12	30	00	0	0	—	7.6	34	34	16												
	62372	ALMÂZA	20	13	30	00	0	0	—	7.5	34	36	17												
		EZBEKÎYA	20	5	35	00	0	0	—	7.2	34	32	15	20	4	15	00	0	0	—	7.4	30	40	15	0
		GÎZA	20	5	35	00	0	0	—	7.1	34	34	15	20	4	15	00	0	0	—	9.0	30	41	15	0
	62378	HELWÂN	360	8	35	02	0	0	—	7.0	35	19	8	340	10	35	02	0	0	—	6.6	31	28	10	0
Upper Egypt	62381	FAIYÛM	360	2	35	02	0	0	—	7.0	35	19	8	20	2	35	02	0	0	—	6.2	31	31	12	0
	62387	MINYA	20	12	12	00	1	0	—	7.2	34	27	12	00	0	12	00	0	0	—	6.1	28	45	15	0
	62393	ASYÛT (Manqabad)	320	5	30	00	0	0	—	6.6	32	34	14												
	62399	NAGʿ HAMMÂDI	290	3	7	00	0	0	—	5.3	35	23	11	00	0		00	0	0	—	4.6	28	58	19	0
	62402	QENA	270	5	50	00	0	0	—	4.3	39	30	18	240	9	7	00	0	0	—	4.4	30	40	15	0
	62405	LUXOR												270	1	12	00	0	0	—	3.6	33	14	2	0
	62414	ASWÂN	320	3	50	00	0	0	—	3.2	40	19	12	360	4	50	00	0	0	—	3.6	38	18	10	0
Oases	62417	SÎWA	00	0	35	00	0	0	—	13.3	35	63	27	00	0	35	00	0	0	—	10.6	33	74	28	0
	62420	BAHARÎYA	360	4	35	02	0	0	—	9.3	34	22	9	360	4	15	02	0	0	—	8.3	30	31	11	0
	62423	FARÂFRA	340	8	35	02	0	0	—	10.3	33	30	13	320	3	15	02	0	0	—	8.7	28	27	7	0
	62432	DAKHLA	320	6	50	00	0	0	—	8.0	33	21	8	320	6	35	00	0	0	—	7.1	30	25	8	0
	62435	KHARGA	340	1	35	00	0	0	—	7.1	35	19	8	00	0	15	00	0	0	—	6.7	31	22	7	0
Red Sea	62450	SUEZ	00	0	35	02	0	0	—	6.3	33	30	13	360	9	15	02	0	0	—	6.6	30	35	13	0
	62456	TÔR	310	12	35	00	0	0	—	4.9	29	70	23	310	7	15	00	0	0	—	4.1	31	59	22	0
	62462	HURGHÂDA	330	17		00	0	0	—	4.1	28	66	21	270	10		00	0	0	—	3.7	29	49	17	0
	62465	QUSEIR	360	9	15	02	0	0	—	6.0	30	79	26	110	5	15	02	0	0	—	5.0	28	83	25	0
	62641	PORT SÛDÂN	60	14	30	02	1	3	Ac, Cs		38	48	25												
North Sudan	62600	WÂDI HALFA	320	13	18	00	0	0	—		38	15	7												
	62640	ABU HAMAD	200	5	30	03	0	5	Ac				7												
	62660	KAREIMA	290	2	30	00	1	1	Ac	3.3	41	13	7												
	62680	ʿATBARA	310	2	30	01	1	5	Ac	2.6	42	8	1												
	62721	KHARTÛM	250	5	30	02	1	4	Ac	3.3	39	11	3												
	62730	KASSALA	310	3	35	02	1	1	Cs	3.0	39	21	13												
Central Sudan	62751	WÂD MEDANI																							
	62801	RENK																							
	62802	ROSEIRES																							
	62771	EL OBEID	270	6	30	03	0	4	Cu, Ac		37	17	8												
	62760	EL FÂSHER	00	0	30	01	1	0	—		36	20	10												
	62770	GENEINA	230	7	30	02	2	8					15												
S. Sudan	62840	MALAKÂL	270	2	30	17	1	6	Cb, Ac	8.0	31	59	22												
	62880	WÂU	180	4	30	00	0	2	Cu, Ac	7.1	32	52	21												
	62941	JUBA	360	2	30	03	3	2	Cu, Ac	7.4	31	62	23												

At 0600 on SATURDAY 9th

Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. M.S.L. mbs.	Bar. Diff. from normal mbs.	Dry Bulb	Maximum Yesterday	Max. Diff. from normal	Minimum Today	Min. Diff. from normal	Humidity %	Dew point °C	Rainfall Past 24 hrs.	Rainfall Total from Oct. 1st	Rainfall Normal from Oct. 1st	Station
320	15	7	02	0	0	—	10.2		21	29		19		74	16	0			SALUM
270	10		01	0	0	—	10.4		25	27		21		74	20	0	278		SÎDI BARÂNI
320	11	18	00	0	0	—	9.0		26	29		19		62	18	0			MATRÛH
320	5	35	00	0	0	—	7.6		27			21		70	21	0			EL DABʿA
330	14	50	00	0	0	—	7.2	-2.8	25	27	-2	22	0	70	19	0	267	186	ALEXANDRIA
340	10	18	03	0	2	Sc	7.1		26	29		22		70	20	0	265	138	FOUAD (Airport)
290	5	7	00	0	0	—	6.3	-2.8	27	30		19		79	23	0	319	106	DAMIETTA
250	8	12	03	0	6	Sc	6.5		26	30		24		79	22	0	72		PORT SAʿÎD
		35	02	0	0	—	6.6	-2.4	24	29		21	+1	89	22	0		94	EL ʿARÎSH
310	13	15	01	1	1	Cu	7.8	-1.6	26	32	-1	20	0	74	21	0	102	101	DAMANHÛR
270	5	35	02	1	4	Cu	6.7	-2.6	26	36	+1	21	+1	74	21	0	49	55	MANSÛRA
270	5	35	02	0	0	—	7.9	-1.7	27	35	0	18	-1	70	21	0	34	44	TANTA
										36	+1						21	27	ZAGÂZIG
290	2	7	02	0	0	—	7.1		25	36		21		70	19	0	14		ISMAʿÎLIA
																			FAROUK (Airport)
																			ALMÂZA
330	4	15	00	0	0	—	7.6	-2.1	24	35	-1	21	0	74	19	0	8	26	EZBEKÎYA
330	4	15	00	0	0	—	8.2	-1.6	25	35	0	21	+2	73	20	0	16	27	GÎZA
320	6	15	00	0	0	—	7.3	-2.4	23	35	0	21	0	74	18	0	16	29	HELWÂN
00	0	35	02	0	0	—	7.4	-2.0	26			20	-1	62	18	0	8	8	FAIYÛM
10	10	10	00	0	0	—	7.4		25	35		20		61	17	0	5		MINYA
300	3	30	00	0	0	—	6.8		27			22		48	15	0	dr.		ASYÛT (Manqabad)
270	2		00	0	0	—	5.5	-2.0		36		19			17	0	0		NAGʿ HAMMÂDI
270	5	35	00	0	0	—	5.8	-1.1	29	40	-1	23	-1	46	16	0	dr.		QENA
										40							dr.		LUXOR
20	3	50	00	0	0	—	4.6	-2.7	31	42	+1	26	0	31	12	0	2		ASWÂN
320	5	35	00	0	0	—	11.9	-0.3	24	37	-1	20	-1	74	19	0	1	8	SÎWA
360	2	35	02	0	0	—	9.3	-1.0	23	36		20	0	74	18	0	dr.	7	BAHARÎYA
360	4	15	02	0	0	—	9.6		26	35		21		48	14	0	dr.		FARAFRA
270	3	35	00	0	0	—	7.2	-2.0	27	35	-4	22	-1	37	11	0	dr.		DAKHLA
50	1	35	00	0	0	—	6.6	-1.4	29	37	-3	20	-3	46	16	0	0		KHARGA
00	0	15	00	0	0	—	6.8	-1.9	26	36	0	19	-3	55	16	0	12	17	SUEZ
310	6	35	00	0	0	—	5.1	-1.1	26	33	-1	23	-1	70	20	0	dr.	13	TÔR
300	10		00	0	0	—	4.8		27	29		24		55	17	0	7		HURGHADA
360	9	15	02	0	0	—	4.4	-2.2	29	32	-2	25	-1	66	22	0	0	4	QUSEIR
160	3	50	02	2	6	Ac	2.7		36	41		29		44	22	0	40	98	PORT SÛDÂN
340	3	30	02	0	1	Ac	6.1			39		24			5	0	27		WÂDI HALFA
																			ABU HAMAD
																0	6	4	KAREIMA
300	9	10	01	1	5	Ac	7.3		34	43		29		22	9	0	8	13	ʿATBARA
350	14	30	03	0	1	Ac, Cu	5.0		33	41		29		17	5	0	14	30	KHARTÛM
																0	98	76	KASSALA
30	5	50	00	0	0	—	6.0		31	40		25		24	8	0	98	88	WÂD MEDANI
230	5	50	01	0	0	—	7.5		28					70	22	0		202	RENK
																0	192	294	ROSEIRES
									29					52	18	0	63	95	EL OBEID
210	2	30	01	1	5	Ac			25	38		23		61	17	5	23	52	EL FÂSHER
270	3	30	02	2	7	Ac	1		27	34		25		62	19	0		115	GENEINA
																0	572	373	MALAKÂL
00	0	50	02	1	0	—	9.8		25	33		24		89	23	1	542	589	WÂU
																0	449	641	JUBA

HUMIDITY Mean of day

Station	On 8th	Diff. from normal
Alexandria	78	+4
Ezbekiya	52	-6
Giza	57	-1
Helwân	44	-2

GIZA
GRASS MINIMUM TEMP.
ON 9th 18.0 °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						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						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	Matruh Dir.	Matruh Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	P. Said Dir.	P. Said Vel.	Minya Dir.	Minya Vel.
Time	14		15		14		15	
300	330	18	330	20	350	15	360	22
600	320	18	330	20	350	22	360	26
1000	340	21	340	18	340	20	360	24
1500	340	15	280	13	340	14	350	22
2000	320	10	270	14	330	11	350	10
3000			320	13	270	7		
4000					240	7		
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 9th

Height m.	Sîdi Barâni Dir.	Vel.	Matrûh Dir.	Vel.	Fouad Airport Dir.	Vel.	Port Saʿîd Dir.	Vel.	El ʿArîsh Dir.	Vel.	Helwân Dir.	Vel.	Minya Dir.	Vel.	Asyût Manqabad Dir.	Vel.	Luxor Dir.	Vel.	Aswân Dir.	Vel.	Hurghada Dir.	Vel.
Time	9		4 30		6		4						3 30		9				9		9	
300	320	11	300	13	300	14	300	16					20	13	320	13			330	8	330	24
600	340	12	300	23	290	19	310	16					20	12	330	15			340	9	320	20
1000	350	9	340	21	320	11	320	12					30	13	330	16			330	10	310	19
1500	360	5	340	18	320	27	320	8					30	16	310	15			290	8	280	9
2000	360	13	340	21	310	23							40	14	310	6			210	16	260	13
3000	10	16	360	23											360	9			220	23		
4000															350	7			240	18		
5000																						
6000																						
7000																						
8000																						

Height m.	Sîwa Dir.	Vel.	Baharîya Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Wâdi Halfa Dir.	Vel.	Abû Hamad Dir.	Vel.	Kareima Dir.	Vel.	Khartûm Dir.	Vel.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fâsher Dir.	Vel.	Malakâl Dir.	Vel.
Time	9		9		9		7		4												5			
300	300	11	10	12	360	10	20	11	350	8														
600	300	10	360	12	350	9	10	16	360	27														
1000	330	8	340	16	20	10	350	23	350	14											190	8		
1500	340	7	340	24	360	17			300	6											310	6		
2000	360	15							220	4														
3000	360	24							210	13														
4000	20	22																						
5000	360	19																						
6000																								
7000																								
8000																								

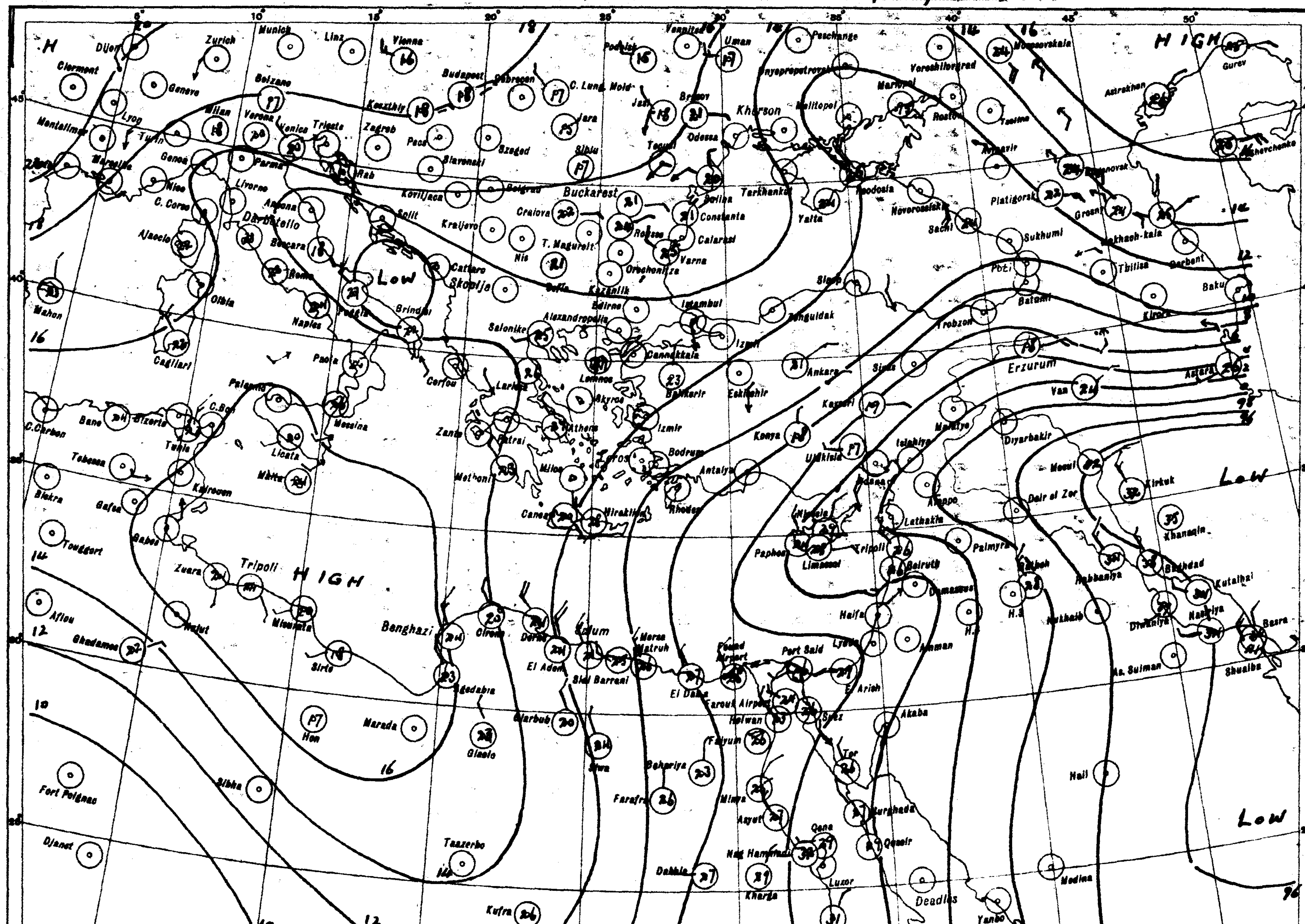
Remarks:
1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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

Note: All times G. M. T.

F.G.

Form No. 7F.   SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 9 - 7 - 1949



At 0600 G.M.T. on:
SATURDAY 9th JULY 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	S
,, or sand raised by wind	07	
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	═
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	≡]
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain } Thunderstorm during	91	
Hail } the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

Cloudless		—	○
Cirrus	Ci	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 1943(46/195)(46/450)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 01 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 : Sunday 10th July , 1949

At 1200 on Sat 9th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C
MEDITERRANEAN	62300	SALUM	360	15	7	02	0	8	-	9.6	31	38	15
	62303	SIDI BARANI	290	10	35	02	0	9	-	9.9	26	74	21
	62306	MATRUH	350	16	15	00	0	8	-	8.4	28	52	17
	62309	EL DABA	320	6	35	00	0	8	-	9.1	28	62	20
		ALEXANDRIA	290	13	50	00	0	0	-	6.4	27	62	19
	62318	FOUAD (Airport)	320	15	18	02	0	0	-	6.1	28	62	20
	62330	DAMIETTA	320	2	15	00	0	0	-	5.9	29	66	22
	62333	PORT SAID	350	9	30	02	0	0	-	5.1	28	74	23
	62336	EL 'ARISH	320	9	35	02	0	0	-	5.9	30	70	24
LOWER EGYPT	62339	DAMANHUR	310	19	15	02	0	0	-	6.7	31	59	22
	62342	MANSURA	270	9	35	00	1	0	-	5.3	33	34	15
	62348	TANTA											
	62354	ZAGAZIG	320	5	15	00	1	0	-	5.5	35	42	20
	62441	ISMAILIA	320	2	35	02	0	0	-	4.8	35	23	11
CANAL AREA	62366	FAROUK (Airport)	290	14	30	00	0	0	-	5.4	33	24	10
	62372	ALMAZA	290	10	30	00	0	0	-	5.0	35	37	18
		EZBEKIYA	360	3	35	00	0	0	-	5.1	34	27	12
		GIZA	360	3	35	00	0	0	-	5.9	34	27	12
	62378	HELWAN	320	8	35	02	0	1	Cc	4.8	33	24	10
UPPER EGYPT	62381	FAIYUM	20	5	35	02	0	0	-	5.5	33	24	10
	62387	MINYA	10	11	12	00	0	0	-	5.7	34		
	62393	ASYUT MANQABAD	320	5	30	00	0	0	-	5.1	34	18	6
	62399	NAG HAMMADI	270	3	7	00	0	0	-	3.5	36	20	10
	62402	QENA	270	5	50	00	1	0	-	2.8	40	15	9
	62405	LUXOR											
	62414	ASWAN	20	5	50	00	0	0	-	1.9	41	15	9
OASES	62417	SIWA	00	0	35	00	0	0	-	11.2	36	63	28
	62420	BAHARIYA	360	6	35	02	0	0	-	7.6	34	22	9
	62423	FARAFRA	360	11	35	02	1	0	-	8.0			-4
	62432	DAKHLA	320	6	50	00	0	0	-	7.0	37	17	8
	62435	KHARGA	00	0	35	00	0	0	-	5.1	36	17	7
RED SEA	62450	SUEZ	00	0	35	02	0	0	-	4.4	36	17	7
	62459	TOR	310	12	35	00	0	0	-	3.2	31	52	20
	62462	HURGHADA	310	15		00	0	0	-	3.6	28	62	20
	62465	QUSEIR	40	9	15	02	0	0	-	3.8	31	52	20
	62641	PORT SUDAN											
NORTH SUDAN	62600	WADI HALFA	290	17	30	00	0	0	-	3.8	38	13	5
	62640	ABU HAMAD											
	62660	KAREIMA	310	8	30	00	0	0	-	2.4	40	11	4
	62680	ATBARA	340	5	30	02	1	8	Cs	0.8	42	9	3
	62721	KHARTUM	310	9	30	03	1	2	Cc	2.5	40	12	5
	62780	KASSALA	230	5	30	03	1	7	Cs	1.4	39	24	15
CENTRAL SUDAN	62751	WAD MEDANI	230	5	35	00	0	0	-		38	18	10
	62801	RENK	230	5	50	01	1	6	Cu	2.8	37	35	19
	62802	ROSEIRES											
	62771	EL OBEID	240	4	30	03	1	6	Cu,Cc	2.0	35	25	12
	62760	EL FASHER	180	3	30	02	1	6	Cu,Ac		34	29	13
	62770	GENEINA	270	12	30	01	2	7	Cc,Ac		32	31	13
S. SUDAN	62840	MALAKAL	230	7	30	17	1	5	Cc,Ac	5.7	32	63	24
	62880	WAU	270	3	30	01	8	3	Ac	6.7	31	59	22
	62941	JUBA	20	2	30	02	8	7	Sc,Ac,Cc	8.6	25	74	20

At 1800 on Sat 9th

WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms
270	5	7	02	0	8	-	9.6	28	52	17	0
290	10	35	02	0	9	-		24	84	21	0
340	9	13	00	0	8	-	8.2	24	74	19	0
320	15	18	02	0	8	-	7.2	26	74	20	0
310	13	14	02	0	8	-	6.2	24	83	21	0
		15	02	0	8	-	5.0	24	84	21	0
310	13	15	02	0	8	-	6.0	24	74	19	0
360	5		00	0	0	-	4.7	27	70	21	0
		00	0	35	03	0	4.7	26	74	21	0
320	5		00	0	0	-	4.3	28	70	22	0
40	2	15	02	0	0	-	4.2	29	70	23	0
330	5	35	02	0	0	-	3.9	32	28	11	0
00	0	10	00	0	0	-	4.5	29	40	14	0
		00	0	0	0	-	3.6	27	52	16	0
270	5	30	00	0	0	-	4.2	30	35	13	0
360	3	50	00	0	0	-	4.4	38	14	6	0
320	5	7	00	0	0	-	7.8	33	59	24	0
360	4	15	02	0	0	-	6.6	31	28	10	0
320	3	15	02	0	0	-	6.8	29	19	3	0
320	6	35	00	0	0	-	5.3	35	12	1	0
360	5	15	00	0	0	-	5.4	32	20	6	0
00	0	15	02	0	0	-	3.1	30	40	15	0
310	9	15	00	0	0	-	2.8	34	41	19	0
340	9		00	0	0	-		31	52	20	0
360	5	15	02	0	0	-	3.2	29	66	22	0

At 0600 on Sunday 10th July

WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C Dry Bulb	TEMPERATURES °C MAXIMUM Yesterday	TEMPERATURES °C MAXIMUM Diff. from normal	TEMPERATURES °C MINIMUM Today	TEMPERATURES °C 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
270	15	7	02	0	8	-	8.3		30	32		22		35	13	0			SALUM
290	12	35	01	0	9	-	8.8		26	28		23		74	21	0	278		SIDI BARANI
330	17	18	00	0	8	-	6.3		27	29				62	19	0			MATRUH
320	5	35	00	0	8	-	6.5		27	28		23		79	23	0			EL DABA
290	10	50	00	0	0	-	5.0	-5.0	25	27	-2	23	+1	74	20	0	267	186	ALEXANDRIA
290	12	14	02	0	0	-	4.5		26	29		23		70	20	0	265	138	FOUAD (Airport)
200	2	7	00	0	0	-	4.8	-4.3	28	30		18		70	22	0	319	106	DAMIETTA
230	11	12	03	0	5	Sc	4.7		25	30		23		79	21	0	72		PORT SAID
360	2	35	02	0	0	-	5.0	-4.0	29	31	+1	22	+2	74	24	0		94	EL 'ARISH
310	9	15	02	0	0	-	5.6	-3.7	27	32	-1	20	0	79	23	0	102	101	DAMANHUR
270	5	35	00	0	0	-	5.1	-4.2	27	35	0	21	+1	70	21	0	49	55	MANSURA
320	2	35	01	0	0	-	5.9	-3.6	26	34	-1	17	-2	74	21	0	34	44	TANTA
220	5	7	00	0	0	-	6.2	-3.5	25	36	+1	21	+2	83	22	0	21	27	ZAGAZIG
00	0	7	02	0	0	-	5.0		25	36		23		70	20	0	14		ISMAILIA
240	11	12	01	1	2	Sc	5.3		24			21		79	20	0			FAROUK (Airport)
270	5	12	02	2	6	Sc	5.6	-4.1	25			22		74	20	0			ALMAZA
270	5	15	00	0	0	-	5.9	-3.8	26	36	0	22	+1	70	20	0	8	26	EZBEKIYA
270	5	15	00	0	0	-	5.9	-3.8	27	36	+1	22	+3	68	20	0	16	27	GIZA
00	0	15	00	1	2	St	5.8	-3.7	24	35	0	22	+1	74	19	0	16	29	HELWAN
00	0	35	02	0	0	-	6.0	-3.3	26			21	0	70	20	0	8	8	FAIYUM
360	4	10	00	0	0	-	6.9		24	35		18		69	18	0	5		MINYA
320	3	30	00	0	0	-	6.8		25			22		58	16	0	Dr.		ASYUT MANQABAD
320	1		00	0	0	-	5.5	-2.0	27	36		18		52	16	0	0		NAG HAMMADI
240	5	35	00	0	0	-	5.6	-1.3	28	41	0	22	-2	33	10	0	Dr.		QENA
																	Dr.		LUXOR
360	6	50	00	0	0	-	5.1	-2.2	32	42	+1	25	-1	22	8	0	3		ASWAN
320	6	35	00	0	0	-	10.4	-1.7	27	38	0	22	+2	62	19	0	1	8	SIWA
360	5	35	02	0	0	-	7.8	-2.4	26	36	-1	19	-1	42	12	0	Dr.	7	BAHARIYA
40	1	15	02	0	0	-	8.4		27	35		21		37	11	0	Dr.		FARAFRA
320	3	35	00	0	0	-	6.6	-2.6	27	37	-2	21	-2	33	9	0	Dr.		DAKHLA
00	0	35	00	0	0	-	6.4	-1.6	28	38	-2	20	-3	40	13	0	0		KHARGA
00	0	35	00	0	0	-	4.3	-4.3	28	37	+1	22	0	62	20	0	12	17	SUEZ
310	6	35	00	0	0	-	5.0	-1.1	26	36	+2	23	-1	83	23	0	Dr.	13	TOR
300	13		00	0	0	-	3.6		27	32		23		70	21	0	7		HURGHADA
360	9	15	02	0	0	-	3.6	-2.9	28	33	-1	25	-1	77	24	0	0	4	QUSEIR
360	1	30	03	2	7	Ac,Cc	3.3		35	39		27		30	15	0	40	98	PORT SUDAN
360	2	30	02	1	1	Ac	5.5		29	40		23		23	6	0	27		WADI HALFA
360	2	30	02	2	8	Ac,Cs	4.0		30	43		27		18	3	0			ABU HAMAD
340	11	30	03	1	8	Ac,Cs	4.9		33	41		27		14	2	0	6	4	KAREIMA
		30	02	1		Cs	4.0		33	43		29				0	8	14	ATBARA
180	12	30	03	1	5	Cc	5.9		31	42		28		38	15	0	14	32	KHARTUM
230	9	30	02	1	8	Cs	7.0		29	40		25		52	18	0	98	78	KASSALA
230	5	50	00	0	0	-	7.1		29	41		26		49	17	0	98	92	WAD MEDANI
230	5	50	00	0	0	-	8.1		25	37		21		79	21	0		206	RENK
200	2	35	00	0	0	-	8.8		25	35		23		79	21	0	192	301	ROSEIRES
200	17	30	01	1	4	Ci,Cc	7.5		27	39		25		62	19	0	63	98	EL OBEID
310	3	30	01	1	3	Cu,Ac			27	37		23		55	17	0	23	55	EL FASHER
230	4	30	01	2	4	Ac			24	35		23		74	19	0		120	GENEINA
340	5	30	03	6	8	As	9.5		23	32		21		78	19	7	579	378	MALAKAL
00	0	30	01	6	8	Ac	11.2		22	31		21		94	21	4	546	595	WAU
130	2	30	01	2	4	Sc,Ac	11.2		24	30		20		83	21	Dr.	449	645	JUBA

HUMIDITY

Mean of Days

STATION	9th	Diff. from normal
Alexandria	78	+4
Ezbekiya	60	+2
Giza	58	0
Helwan	55	+9

GIZA
GRASS MINIMUM TEMP.
ON 10th 19.5 °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 9th

STATION	Matruh				Fouad Ap.				Minya				Hurghada									
TIME	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.
300	320	24			310	17			10	14			320	21								
600	330	26			330	26			10	18			340	23								
1000	330	33			330	23			360	16			340	22								
1500	340	31			310	23			360	16			320	23								
2000	340	25			310	23			350	19			260	22								
3000					340	19			340	22												
4000																						
5000																						
6000																						
7000																						
8000																						

UPPER WIND OBSERVATIONS on 10th

STATION	SIDI BARANI		MATRUH		BOUAG AIRPORT		PORT SAID		EL 'ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA	Farouk
TIME	9		7 30		3		3						3		9						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	320	15	300	26	300	24	220	5					350	23	310	16					350	23	250	10
600	330	14	320	10	300	17	340	5					350	25	310	15					330	20	260	10
1000	320	8	350	10	330	12	350	7					340	15	310	16					320	21	310	12
1500	330	8	10	25	330	20	300	8					280	13	300	18					250	17	290	15
2000	340	15			350	28	290	11					310	17	320	13					280	26		
3000	340	17			360	35									290	3								
4000																						
5000																						
6000																						
7000																						
8000																						

STATION	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME	9		9		9		7				3 45						4 15		3 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	12	330	7	350	11	360	3																
600	360	15	310	9	340	10	350	12			330	24					210	17					150	10
1000	10	21	320	9	330	14	340	19			330	16					220	23	210	21			120	10
1500	10	30	360	24	330	20					290	11					230	24	300	11			90	14
2000	10	27									210	7												
3000											170	13					330	9	30	13			70	17
4000											160	8												
5000																								
6000																								
7000																								
8000																								

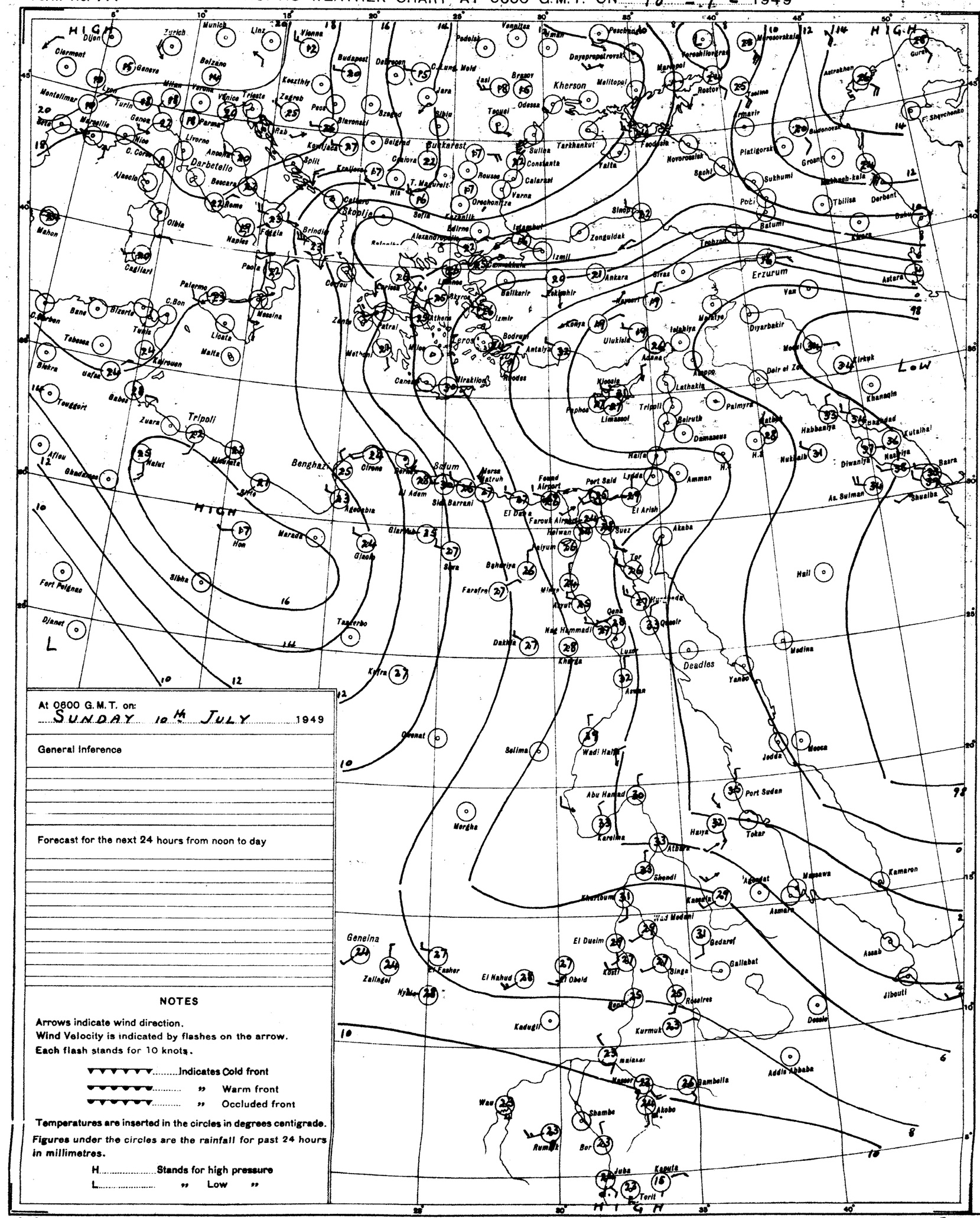
Remarks: 1- Wind Direction in degrees east of North.
2- " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 10 - 7 - 1949



At 0600 G.M.T. on:
SUNDAY 10th JULY 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	(R)
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,
	Rain	21	•
	Showers of rain	25	•
	" " hail	27	•
	Fog	28	≡
	Thunderstorm	29	R
Duststorm or Sandstorm		31	≋
Fog		45	≡
Drizzle		50	,
Rain		60	•
Showers of rain		80	•
" " hail		87	•
Rain Hail	Thunderstorm during the past hour	91	R•
		93	R△
Thunderstorm with rain		95	R•
" " hail		96	R•
" " Sandstorm		98	R≋

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

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(48/1957)(44/450)

SCALE 1:15,000,000

F.G.

CAIRO
Time of Sunrise 03 01 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 : MONDAY 11th JULY , 1948

AREA	INDEX NUMBER	STATION	At 1200 on Sun. 10th: WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	At 1800 on Sun 10th: WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms	STATION
MEDITERRANEAN	62300	SALUM	320	16	7	02	0	0	—	7.9	35	27	13	320	10	7	02	0	0	—	6.0	25	61	17	0	SALUM
	62303	SIDI BARANI	290	16	35	02	0	0	—	7.3	26	74	21	320	8	15	02	0	2	Cs	7.6	24	94	23	0	SIDI BARANI
	62305	MATRUH	300	16	18	00	0	0	—	7.2	28	62	20	340	11	18	03	2	7	Sc	6.5	24	88	22	0	MATRUH
	62305	EL DABA	320	8	35	00	0	0	—	6.7	28	70	22	320	3	15	00	0	0	—	7.1	26	79	22	0	EL DABA
		ALEXANDRIA	310	11	50	00	0	0	—	5.1	28	70	22	330	6	7	00	0	0	—	5.6	25	83	22	0	ALEXANDRIA
	62318	FOUAD (Airport)	320	20	18	02	0	0	—	4.3	29	66	22	340	11	14	02	0	0	—	4.9	25	83	22	0	FOUAD (Airport)
	62330	DAMIETTA	320	2	15	00	0	0	—	3.9	32	52	21	270	2	00	00	0	0	—	4.3	26	84	23	0	DAMIETTA
	62333	PORT SAID	280	4	30	02	0	0	—	3.8	34	41	19	300	10	18	02	0	0	—	3.6	26	84	23	0	PORT SAID
	62336	EL 'ARISH			35	02	0	0	—	4.6	30	70	24			35	02	0	0	—	4.6	24	84	21	0	EL 'ARISH
LOWER EGYPT	62339	DAMANHUR	310	9	15	03	0	0	—	5.3	32	56	22	310	5	15	02	0	0	—	5.8	25	74	20	0	DAMANHUR
	62342	MANSURA	270	5	35	00	0	0	—	4.2	36	33	17	360	2		00	0	0	—	4.6	28	62	20	0	MANSURA
	62345	TANTA	270	2	35	02	0	0	—	4.6	35	37	18	00	0	35	02	0	0	—	5.6?	27	55	17	0	TANTA
	62354	ZAGAZIG	320	5	15	00	0	0	—	4.7	35	43	20	320	5		00	0	0	—	4.4	29	66	22	0	ZAGAZIG
	62441	ISMAILIA	290	2	35	02	0	0	—	3.8	36	20	10	20	2	15	02	0	0	—	3.9	31	66	24	0	ISMAILIA
CAIRO AREA	62366	FAROUK (Airport)																								FAROUK (Airport)
	62375	ALMAZA	290	8	30	00	0	0	—	3.5	36	35	18													ALMAZA
		EZBEKIYA												320	2	15	00	0	0	—	4.4	30	43	16	0	EZBEKIYA
		GIZA	270	2	35	00	0	0	—	4.3	36	30	16	320	2	15	00	0	0	—	5.5	29	61	20	0	GIZA
	62378	HELWAN	270	3	35	02	0	0	—	3.9	35	23	11	340	8	35	02	0	0	—	3.8	31	38	15	0	HELWAN
UPPER EGYPT	62381	FAYUM	00	0	35	02	0	0	—	4.6	34	36	17	330	2	35	02	0	0	—	3.5	33	30	13	0	FAYUM
	62387	MINYA	320	1	12	00	0	0	—	4.9	36	25	13	00	0	10	00	0	0	—	3.5	32	34	14	0	MINYA
	62393	ASYUT (Airport)	320	5	30	00	0	0	—	4.8	34	20	8													ASYUT (Airport)
	62399	NAG' HAMMADI	270	2		00	0	0	—	3.8	35	19	8	00	0		00	0	0	—	3.6	27	52	16	0	NAG' HAMMADI
	62402	QENA	270	5	50	00	0	0	—	3.2	39	17	10	240	5	7	00	0	0	—	3.5	30	35	13	0	QENA
	62405	LUXOR																								LUXOR
	62414	ASWAN	340	3	50	00	0	0	—	3.1	40	19	12	00	0	50	00	0	0	—	3.8	37	13	5	0	ASWAN
OASES	62417	SIWA	320	8	35	00	0	0	—	9.8	40			00	0	7	00	0	0	—	6.6	33	74	28	0	SIWA
	62420	BAHARIYA	270	4	35	02	0	0	—	5.9	37	18	9	360	2	15	02	0	0	—	5.9	33	21	8	0	BAHARIYA
	62423	FARAFRA	360	5	35	02	0	0	—	7.8	37	14	6	360	1	15	02	0	0	—	5.9	32	24	9	0	FARAFRA
	62432	DAKHLA	320	6	50	00	0	0	—	4.6	36	17	7	320	1	35	00	0	0	—	4.6	32	28	11	0	DAKHLA
	62436	KHARGA	00	0	35	00	0	0	—	4.7	37	18	9	00	0	15	00	0	0	—	5.4	32	20	6	0	KHARGA
RED SEA	62450	SUEZ	00	0	35	02	0	0	—	8.0	32	49	20	00	0	15	02	0	0	—	3.0	32	52	21	0	SUEZ
	62459	TOR	360	3	35	10	0	0	—	2.6	32	45	19	310	2	15	00	0	0	—	3.0	27	79	23	0	TOR
	62462	HURGHADA	340	9		00	0	0	—	2.5	30	59	21	00	0		00	0	0	—	2.9	30	59	21	0	HURGHADA
	62465	QUSEIR	70	5	15	02	0	0	—	3.5	30	62	22	40	5	15	02	0	0	—	3.6	29	66	22	0	QUSEIR
	62641	PORT SUDAN	70	11	30	02	2	7	Cu,Sc	2.3	38	38	21													PORT SUDAN
NORTH SUDAN	62600	WADI HALFA	340	6	30	00	0	0	—	3.5	39	16	9													WADI HALFA
	62640	ABU HAMAD	310	5	30	02	2	7	Ac,Cs	2.8	41	10	3													ABU HAMAD
	62660	KAREIMA	310	5	30	03	2	8	Cs	2.7	40	12	6													KAREIMA
	62680	'ATBARA	240	6	30	02	2	8	Cs	3.0	41	9	2													'ATBARA
	62721	KHARTUM	310	8	30	03	1	5	Cu	3.5	39	13	6													KHARTUM
	62780	KASSALA	230	9	30	00	1	0	—	3.1	38	25	15													KASSALA
CENTRAL SUDAN	62751	WAD MEDANI	230	5	35	01	0	4	Sc	3.0	39	20	12													WAD MEDANI
	62801	RENK																								RENK
	62802	ROSEIRES	200	2	35	00	0	0	—	7.5	31	55	41													ROSEIRES
	62771	EL OBEID	250	9	30	03	1	4	Cu	3.8	36	25	13													EL OBEID
	62760	EL FASHER	230	7	30	02	1	6	Ac,Cs		37	13	4													EL FASHER
	62770	GENEINA	250	3	50	01	1	3	Cu,Ac		34	19	7													GENEINA
S. SUDAN	62840	MALAKAL	300	3	30	01	2	3	Cu,Ac	8.5	29	62	21													MALAKAL
	62880	WAU	00	0	30	01	1	3	Cu,Ac	6.8	29	62	21													WAU
	62941	JUBA	00	0	30	03	1	6	Cu,Ac	7.0	31	49	19													JUBA

At 0600 on MONDAY 11th: WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR PRESSURE M.S.L. mbs	BAR PRESSURE Diff. from normal mbs	TEMPERATURES °C Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C	RAINFALL mms Past 24 hrs.	RAINFALL mms Total From Oct. 1st	RAINFALL mms Normal From Oct. 1st	STATION
320	14	7	02	0	0	—	6.0		26	37		21		62	18	0			SALUM
290	12	35	02	0	8	Sc,Cu			25	28		22		74	20	0	278		SIDI BARANI
340	12	10	02	1	6	Sc	6.0		25	30		21		74	20	2			MATRUH
320	4	15	00	0	0	—	6.3		26			22		74	21	0			EL DABA
270	9	50	01	1	0	—	5.1	-4.8	25	29	0	22	0	74	20	0	267	186	ALEXANDRIA
280	14	14	01	2	4	Sc	5.0		25	30		22		74	20	0	265	138	FOUAD (Airport)
250	2	7	00	0	0	—	4.7	-4.3	27	35		18		79	23	0	319	106	DAMIETTA
240	18	11	02	0	0	—	4.2		26	36				74	21	0	72		PORT SAID
220	2	35	02	0	0	—	4.4	-4.5	30	32	+2	22	+2	59	21	0		94	EL 'ARISH
270	13	7	01	1	1	Cu	5.8	-3.4	26	33	0	21	+1	74	21	0	102	101	DAMANHUR
250	6	35	00	0	0	—	4.7	-4.5	26	37	+2	21	+1	74	21	0	49	55	MANSURA
270	8	35	02	0	0	—	5.8	-3.7	26	36	+1	18	-1	74	21	0	34	44	TANTA
220	5	7	00	0	0	—	5.0	-4.7	27	38	+3	21	+2	79	23	0	21	27	ZAGAZIG
250	2	7	02	0	0	—	4.8		27	37		22		62	19	0	14		ISMAILIA
																			FAROUK (Airport)
380	7	12	00	0	0	—	5.2	-4.4	26			22		79	22	0			ALMAZA
310	2	15	00	0	0	—	5.8	-3.8	25	37	+1	23	+2	74	20	0	8	26	EZBEKIYA
310	2	15	00	0	0	—	6.0	-3.6	26	38	+3	20	+1	73	20	0	16	27	GIZA
00	0	7	06	0	0	—	5.3	-4.1	26	37	+2	21	0	70	20	0	16	29	HELWAN
00	0	35	02	0	0	—	5.6	-3.7	28			21	0	52	17	0	8	8	FAYUM
00	0	10	00	0	0	—	5.3		28	37		18		52	17	0	5		MINYA
00	0	30	00	0	0	—	5.9		30			23		43	16	0	ar.		ASYUT (Airport)
00	0		00	0	0	—	5.8	-1.6	29	36		19		46	16	0	0		NAG' HAMMADI
270	5	35	00	0	0	—	5.0	-1.8	29	40	-1	23	-1	52	18	0	ar.		QENA
																	dr.		LUXOR
00	0	50	00	0	0	—	6.4	-0.8	31	42	+1	25	-1	31	12	0	2		ASWAN
320	6	35	00	0	0	—	8.7	-3.4	26	43	+5	23	+2	74	21	0	1	8	SIWA
00	0	35	02	0	0	—	6.6	-3.5	30	38	+1	20	0	35	13	0	dr.	7	BAHARIYA
180	3	15	02	0	0	—	6.2		28	38		21		27	7	0	dr.		FARAFRA
320	3	35	00	0	0	—	6.2	-2.9	26	38	-1	19	-4	37	10	0	dr.		DAKHLA
00	0	35	00	0	0	—	6.7	-1.3	28	38	-2	21	-3	33	10	0	0		KHARGA
00	0	35	00	0	0	—	4.6	-3.9	26	35	-1	22	-1	62	18	0	12	17	SUEZ
310	1	35	00	0	0	—	4.3	-1.7	27	35	+1	22	-2	50?	16?	0	dr.	13	TOR
320	2		00	0	0	—	5.0		28	33		22		55	18	0	7		HURGHADA
330	5	15	02	0	0	—	4.4	-2.0	31	34	0	26	0	52	20	0	0	4	QUSEIR
140	1	30	01	1	4	Cs	5.0		35	39		27		32	16	0	40	98	PORT SUDAN
00	0	30	03	1	3	Ac	6.3		29	40		24		25	7	0	27		WADI HALFA
290	1	30	00	0	0	—	5.1		33	42		27		16	4	0			ABU HAMAD
340		30	00	0	0	—	6.9		34	42		25		14	3	0	6	5	KAREIMA
340	4	30	02	2	3		5.0		34	42		28		13	2	0	8	15	'ATBARA
200	13	30			5	Ac,Cu	6.5		33	41		26		36	15	0	14	34	KHARTUM
200	9	30	00	0	0	—	8.5		28	40		24		52	17	0	98	81	KASSALA
180	9	50	02	1	7	Cc	8.8		29	40		28		52	18	0	98	96	WAD MEDANI
230	9	50	02	2	8	Cu			26	36		23		70	20	0		210	RENK
330	2	35	01	0	0	—	10.3		25	34		24		84	22	0	192	307	ROSEIRES
250	10	30	02	1	6	Ac	8.1		29			26		49	17	dr.	63	101	EL OBEID
120	6	30	01	8	5	Sc			27	38		24		58	18	dr.	23	57	EL FASHER
230	6	30	02	2	7	Ac			23	37		23		69	17	0		125	GENEINA
																0	579	383	MALAKAL
270	4	30	02	1	7	Ac	10.4		25	31		23		79	21	0	546	601	WAU
230	9	30	15	2	8	Fs,Fc	11.6		24	32		22		74	19	0	449	649	JUBA

HUMIDITY

Mean of day

STATION	on 10th %	Diff. from normal
Alexandria	80	+5
Ezbekiya	52	-6
Giza	60	+2
Helwan	53	+6

GIZA
GRASS MINIMUM TEMP.
ON 11th 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 10th

STATION					Fouad A.P.				P. Said				Minya				Hurghada							
TIME					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					330	16			320	16			20	10			360	16						
600					340	26			260	16			20	11			350	10						
1000					320	22			260	12			10	12			340	9						
1500					340	23			280	13			360	13			310	10						
2000					350	27			310	16			360	16			290	18						
3000					340	30			330	14														
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 10th

STATION	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SAID		EL 'ARISH		HELWAN		MINYA		ASYUT MANQFGAD		LUXOR		ASWAN		HURGHADA		
TIME	9		4		4						10		3		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	310	12	300	16	280	11					270	8	60	7	330	5					30	13		
600	310	13	320	13	280	12					270	16	350	10	320	7			350	7	10	11		
1000					280	10					260	12	340	12	320	8			350	7	320	10		
1500					280	16					240	17	340	11	320	16			320	5	290	16		
2000											260	22	350	10	340	20			260	23	270	25		
3000											260	15	320	16	270	10			230	15				
4000																			260	32				
5000																			210	26				
6000																								
7000																								
8000																								

STATION	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME	9		9		9		7				3 45				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	300	17	250	10	300	5	20	4																
600	310	22	240	12	260	6	10	8			330	18											230	9
1000	310	19	240	12	280	13	350	10			360	17			50	4					130	6	220	12
1500	300	15			280	11	330	10			320	5			270	3					190	4	210	9
2000	310	16					320	10			300	7			20	11					230	4	170	16
3000	310	17													50	4							80	17
4000	310	15													80	5								
5000																								
6000																								
7000																								
8000																								

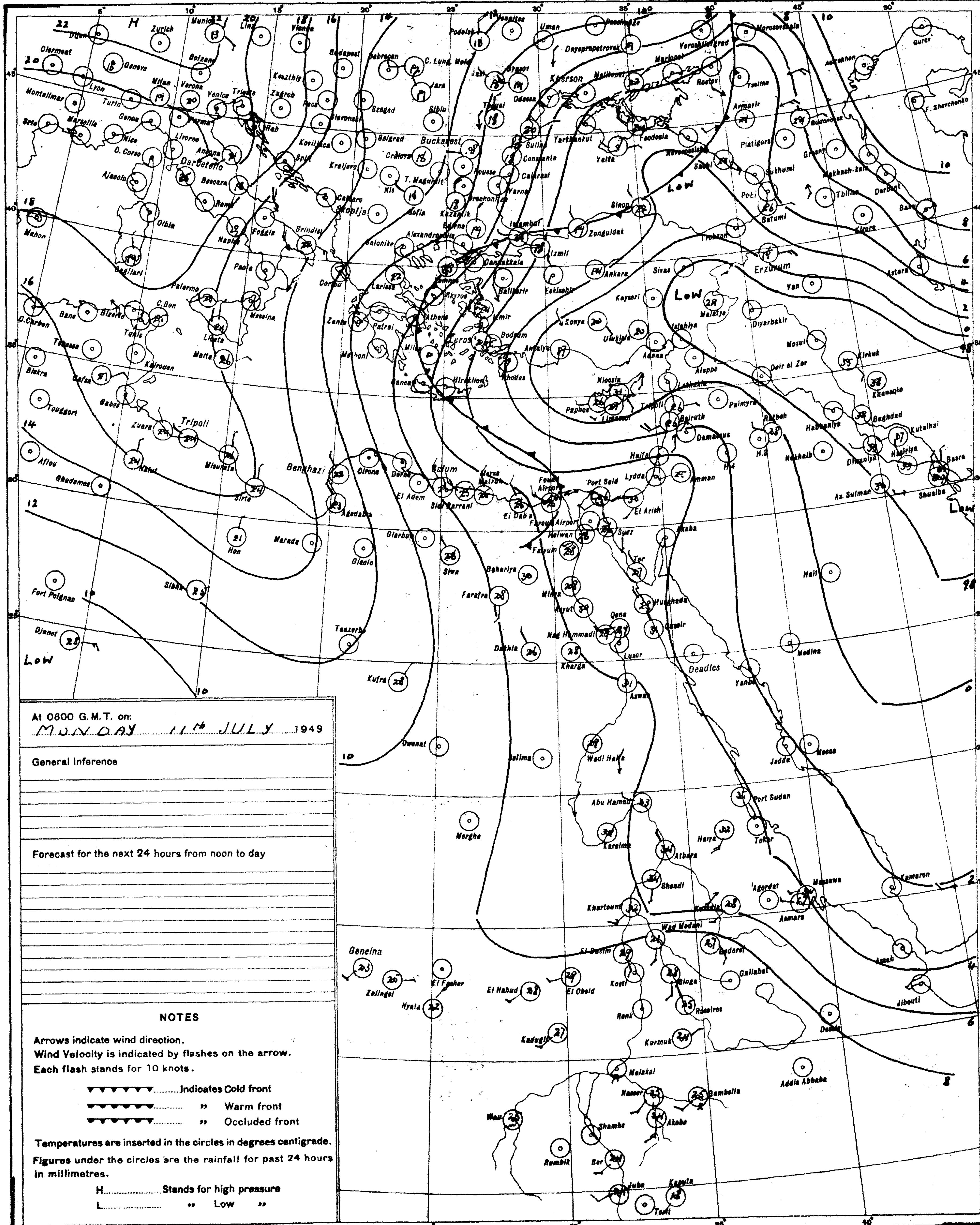
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.)
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

F.G.

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

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 11th 7 1949



At 0600 G.M.T. on:
MONDAY 11th JULY 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 ,,

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

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

CAIRO
Time of Sunrise 03 02 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 12th July, 1949

At 1200 on Mon. 11th

Area	Index Number	Station	Wind Direction	Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	360	18	7	02	0	0	–	5.8	28	62	20
	62303	SIDI BARANI	320	12	15	02	2	8	Sc,Ac,Cu	6.4	26	74	21
	62306	MATRUH	360	12	18	01		0	–	5.5	27	66	20
	62309	EL DABA	320	7	35	00	0	0	–		27	70	21
		ALEXANDRIA	310	8	50	01	2		Sc,Ac	5.0	27	79	23
	62318	FOUAD (Airport)	300	12	11	02	1	0	–	4.8	28	62	20
	62330	DAMIETTA	320	2	15	00	0	0	–	4.2	31	42	17
	62333	PORT SAID	350	10	18	02	0	0	–	4.1	33	41	18
	62336	EL ARISH	320	2	35	02	0	0	–	4.2	31	57	22
Lower Egypt	62335	DAMANHUR	310	13	15	02	0	0	–	5.0	33	44	19
	62342	MANSURA	320	5	35	00	0	0	–	4.3	35	32	16
	62348	TANTA	270	5	35	02	0	0	–	4.7	36	33	17
	62354	ZAGAZIG	220	5	15	00	0	0	–	4.7	35	37	18
	[illegible]	ISMAILIA	270	9	7	02	0	0	–	3.9	37	18	9
Cairo Area	62366	FAROUK (Airport)											
	62371	ALMAZA											
		EZBEKIYA	270	5	35	00	0	0	–	3.9	37	22	12
		GIZA	270	5	35	07	0	0	–	3.7	38	23	14
	[illegible]	HELWAN	270	8	35	06	0	0	–	3.4	37	18	9
Upper Egypt	62381	FAIYUM	00	0	35	02	0	0	–	3.8	37	18	9
	62387	MINYA	300	5	12	00	0	0	–	4.0	40	12	6
	62393	ASYUT	00	0	30	00	0	0	–	4.4	38	12	4
	62396	NAG HAMMADI	270	3	15	00	0	0	–	3.9	37	18	9
	62402	QENA	270	5	50	06	0	0	–	3.8	40	19	12
	62405	LUXOR											
	62414	ASWAN	40	4	50	00	0	0	–		40	21	14
Oases	62417	SIWA											
	62420	BAHARIYA	270	3	35	02	0	0	–	4.6	39	14	7
	62423	FARAFRA	180	4	35	02	0	0	–	4.7	40	12	6
	62432	DAKHLA	60	0	50	00	0	0	–	5.1	40	12	6
	62435	KHARGA	00	0	15	00	0	0	–	4.4	41	17	11
Red Sea	62450	SUEZ	00	0	35	00	0	0	–	3.6	34	41	19
	62459	TOR	310	4	35	00	0	0	–	3.6	33	41	18
	62462	HURGHADA	30	3		00	0	0	–	4.0	31	66	24
	62465	QUSEIR	70	5	15	02	0	0	–	4.4	30	66	23
	62641	PORT SUDAN	60	9	30	00	1	0	–	3.3	37	42	22
North Sudan	62600	WADI HALFA	290	8	30	00	0	0	–	1.3	41	13	7
	62640	ABU HAMAD	360	2	30	03	0	4	Ci	2.3	42	8	1
	62650	KAREIMA	310	5	30	01	0	3	Ac,Cu	3.2	41	13	7
	62680	ATBARA	230	5	30	02	1	2	Ci	3.1	42	9	2
	62721	KHARTUM	20	6	30	03	1	5	Ac,Ci	3.7	39	16	9
	62730	KASSALA	230	2	30	00	0	1	Cu	3.5	39	23	14
Central Sudan	62751	WAD MEDANI	230	5	35	02	1	4	Ce	3.2	39	23	14
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	190	13	30	54	1	7	Sc	5.4	33	38	17
	62760	EL FASHER	200	19	30	02	1	7	Cu,Ac		[illegible]	33	13
	62770	GENEINA	200	7	30	02	1	7	Cu,Ac		31	38	15
S. Sudan	62840	MALAKAL											
	62880	WAU	230	6	30	01	1	3	Cu	8.3	31	55	21
	62941	JUBA											

At 1800 on Mon. 11th

Station	Wind Direction	Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	320	11	7	02	0	1	Cu,Sc		25	70	19	0
SIDI BARANI	320	8	15	02	2	8	Sc,Cu	4.6	23	88	21	0
MATRUH	30	6	13	00	1	0	–	5.9	24	84	21	0
EL DABA	320	3	35	00	0	0	–	5.7	26	70	20	0
ALEXANDRIA	20	5	7	00	0	0	–	4.3	24	94	23	0
FOUAD (Airport)	20	10	18	02	0	0	–	4.0	24	88	22	0
DAMIETTA	320	2		00	0	0	–	4.3	25	84	22	0
PORT SAID												
EL ARISH	00	0	15	02	0	0	–	6.3	24	84	21	0
DAMANHUR	310	9	15	02	0	0	–	5.5	25	74	20	0
MANSURA	320	5		00	0	0	–	4.0	27	62	19	0
TANTA	00	0	35	02	0	0	–	4.8	27	55	17	0
ZAGAZIG	320	5		00	0	0	–	3.8	28	62	20	0
ISMAILIA	360	2	7	02	0	0	–	4.0	29	46	16	0
FAROUK (Airport)												
ALMAZA												
EZBEKIYA	360	3	15	00	0	0	–	3.6	30	40	15	0
GIZA	360	3	15	00	0	0	–	3.4	31	34	12	0
HELWAN	360	12	15	06	0	0	–	2.4	32	28	11	0
FAIYUM	00	0	35	02	0	0	–	2.3	34	23	10	0
MINYA												
ASYUT												
NAG HAMMADI	00	0		00	0	0	–	3.1	29	46	16	0
QENA	270	2	7	00	0	0	–	3.8	31	31	12	0
LUXOR												
ASWAN	00	0	50	00	0	0	–	3.2	37	18	9	0
SIWA	00	0	35	00	0	0	–	6.3	31	74	26	0
BAHARIYA	320	2	15	02	0	0	–	5.0	33	21	8	0
FARAFRA	320	3	15	02	0	0	–	4.7	31	22	7	0
DAKHLA	320	2	35	00	0	0	–	3.8	34	10	-2	0
KHARGA	00	0	15	00	0	0	–	4.0	35	15	5	0
SUEZ	360	12	15	02	0	0	–	2.8	31	49	19	0
TOR	40	8	15	00	0	0	–	2.6	31	49	19	0
HURGHADA	140	6		00	0	0	–	3.3	32	63	24	0
QUSEIR	140	5	15	02	0	0	–	4.3	30	66	23	0

At 0600 on Tuesday 12th July

Wind Direction	Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb	Max. Yesterday	Max. Diff. from normal	Min. Today	Min. Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st	Station
320	12	7	01	0	1	Ac	6.7		25	31		19		61	17	0			SALUM
320	11	35	02	2	8	Sc,Cu	7.0		24	27		22		61	16	0	278		SIDI BARANI
00	0	18	00	0	3	Sc	6.5		24	28		19		74	19	0			MATRUH
40	4	35	01	1	4	Cu	5.8		26	27		20		70	20	0			EL DABA
40	6	50	00	0	0	–	6.3	-3.5	25	28	-1	23	+1	70	19	0	267	186	ALEXANDRIA
360	10	18	02	0	0	–	5.8		26	29		22		70	20	0	265	138	FOUAD (Airport)
340	1	7	00	0	0	–	5.9	-3.0	27	33		18		70	21	0	319	106	DAMIETTA
340	5	15	01	0	0	–	5.3		26			24		74	21	0	72		PORT SAID
360	2	35	02	0	0	–	5.1	-3.8	28	33	+3	20	0	62	20	0		94	EL ARISH
230	9	7	02	0	0	–	5.8	-3.3	26	34	+1	21	+1	70	20	0	102	101	DAMANHUR
360	5	35	00	0	0	–	6.0	-3.1	27	36	+1	21	+1	70	21	0	49	55	MANSURA
310	5	35	02	0	0	–	6.0	-3.5	27	36	+1	18	-1	70	21	0	34	44	TANTA
320	5	7	00	0	0	–	5.5	-4.1	28	37	+2	21	+2	70	22	0	21	27	ZAGAZIG
40	2	7	02	0	0	–	5.0		28	37		22		58	19	0	14		ISMAILIA
																			FAROUK (Airport)
40	2	18	00	0	0	–	4.8	-4.7	28			21		66	20	0			ALMAZA
20	3	15	00	0	0	–	5.2	-4.3	28	37	+1	22	+1	62	20	0	8	26	EZBEKIYA
20	3	15	00	0	0	–	5.6	-3.9	27	39	+4	20	+1	64	19	0	16	27	GIZA
00	0	15	00	0	0	–	4.6	-4.7	28	38	+3	22	+1	52	17	0	16	29	HELWAN
00	0	35	02	0	0	–	5.1	-4.1	28			21	0	58	19	0	8	1	FAIYUM
160	1	10	00	0	0	–	4.8		28			19		45	15	0	5		MINYA
00	0	30	00	0	0	–	5.5		32			24		26	10	0	Dr.		ASYUT Mangabad
00	0		00	0	0	–	5.9	-1.5	30	38		21		35	13	0	0		NAG HAMMADI
270	2	35	00	0	0	–	5.5	-1.3	30	41	0	22	-2	40	15	0	Dr.		QENA
00	0	30	00	0	0	–	5.4		32			22		41	17	0	Dr.		LUXOR
00	0	50	00	0	0	–	5.9	-1.3	32	41	0	26	0	29	12	0	2		ASWAN
320	4	35	00	0	0	–	8.7	-3.3	26	37	-1	21	0	70	20	0	1	8	SIWA
360	4	35	02	0	0	–	6.2	-3.9	27	40	+3	23	+3	55	17	0	Dr.	7	BAHARIYA
360	5	15	02	0	0	–	6.7		29	41		22		46	16	0	Dr.		FARAFRA
250	3	35	00	0	0	–	6.0		31	41	+2	24	+1	22	7	0	Dr.		DAKHLA
00	0	35	00	0	0	–	4.9	-3.0	[illegible]	42	+2	24	+1	35	13	0	0		KHARGA
00	0	35	00	0	0	–	3.8	-4.7	28	38	+2	24	+1	58	19	0	12	17	SUEZ
310	4	35	00	0	0	–	4.4	-1.6	28	36	+1	21	-3	62	20	0	Dr.	13	TOR
00	0		00	0	0	–	5.6		28	31		24		74	23	0	7		HURGHADA
330	5	15	02	0	0	–	4.7	-1.7	31	32	-2	25	-1	49	19	0	0	4	QUSEIR
90	2	30	03	0	1	Ac	4.2		35	39		27		44	21	0	40	98	PORT SUDAN
130	2	30	02	0	1	Ci	6.1		31	44		24		21	6	0	27		WADI HALFA
360	5	30	01	2	4	Ac,Ci	5.2		35	43		28		9	-2	0			ABU HAMAD
20	3	30	00	1	0	–	6.1		34	43		26		14	3	0	6	5	KAREIMA
200	5	30	00	1	3	Ac,Cc	5.0		36	43		30		12	2	0	8	15	ATBARA
220	14	30	43	1	6	Ac,Ci	9.6		30	41		29		47	18	Dr.	14	36	KHARTUM
200	9	10	00	1	0	–	10.4		28	40		26		58	19	0	98	83	KASSALA
180	9	50	02	8	7	Ce	11.1		27	41		24		62	19	Dr.	98	100	WAD MEDANI
																0		214	RENK
																0	192	314	ROSEIRES
220	10	30	02	2	7	Ac	12.0		24	35		24		74	19	Dr	63	104	EL OBEID
210	8	30	02	1	7	Cu,Ac			24	33		23		74	19	0	23	59	EL FASHER
																0		130	GENEINA
																6	585	388	MALAKAL
00	0	30	02	1	8	Sc				32		21			23	9	555	607	WAU
310	2	4	42	4	8	St,Ac	14.3		23	26		20		94	23	0	449	652	JUBA

HUMIDITY — Mean of day

Station	On 11th	Diff. from normal
Alexandria	82	+7
Ezbekiya	54	-4
Giza	50	-8
Helwan	45	-2

GIZA
GRASS MINIMUM TEMP. on 12th 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 — Airport — On ... At ... (two blank forms)

Pressure 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.	Matruh Dir.	Matruh Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	Minya Dir.	Minya Vel.	Hurghada Dir.	Hurghada Vel.
Time	15		15		15		15	
300	10	11	340	12	240	7	70	6
600	40	12	330	9	260	6	30	4
1000	170	4	290	15	260	10	340	5
1500	250	10	260	15	260	12	310	5
2000	280	15	260	12	260	9	300	3
3000	290	24	260	17	270	16		
4000								
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 12th

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 Mangabad Dir.	Vel.	Luxor Dir.	Vel.	Aswan Dir.	Vel.	Hurghada Dir.	Vel.
Time	9		4		4		3				9 15		3 30		9				9		9	
300	310	9	320	6	350	14	330	7			240	9	20	12	250	3			180	4	60	7
600	310	9	320	7	350	19	350	4			230	5	20	13	250	10			210	6	220	5
1000	310	8	330	7	10	14	360	2			200	12	10	13	250	15			270	9	320	4
1500			230	3	10	12					240	13	10	13	240				280	11		
2000			170	5	10	8							360	12					260	9		
3000			270	21									350	12								
4000			260	29																		
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	9		9		9		7		4								4				3 15			
300	310	11	320	20	320	6	30	4	290	3							200	7						
600	310	11	310	21	320	8	20	8	310	12							220	16						
1000	310	16	300	14	310	11	10	7	300	13							230	26			200	15		
1500	330	17	270	17	300	19			270	16							250	31			200	18		
2000	320	17																						
3000	,								240	19														
4000																								
5000																								
6000																								
7000																								
8000																								

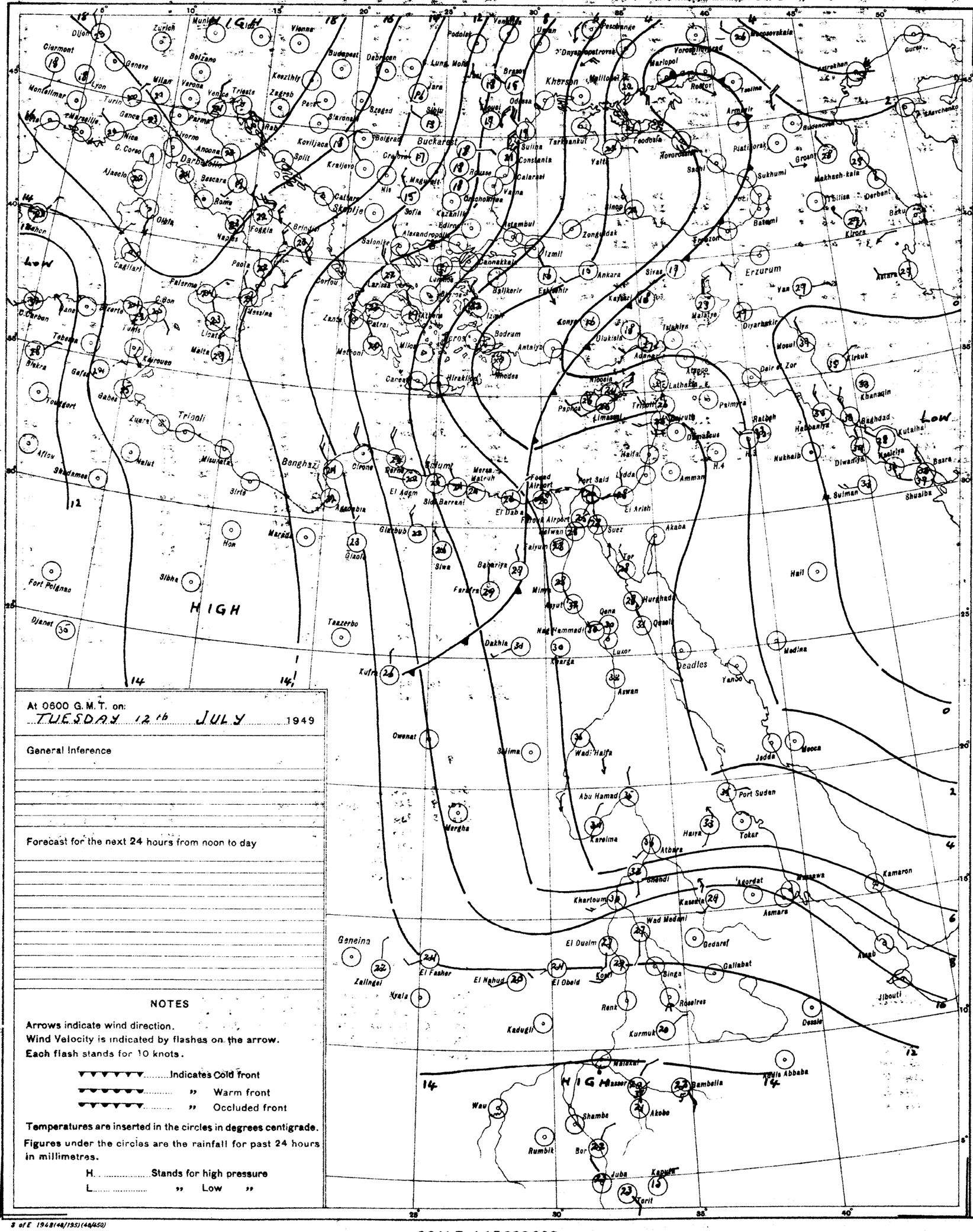
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 12 7 1949



At 0600 G.M.T. on:
TUESDAY 12th JULY 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 Dustatorm	3	≋
Fog or thick dusthaze *(vis less than 1000 m.)*	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	▽
Thunderstorm with or without rain	9	⟩

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th " " "	2
3/8 " " " "	3
4/8 " " " "	4
5/8 " " " "	5
6/8 " " " "	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

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

Form No 7 F.

CAIRO

Time of Sunrise 03 02 G. M. T.

" " Sunset 16 58 G. M. T.

DAILY WEATHER REPORT

Date : WEDNESDAY 13th JULY , 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	SALÛM	320	8	7	03	2	0	—	7.1	29	40	14	320	4	7	01	0	0	—	8.7	24	69	18	0
	62303	SIDI BARÂNI	340	10	35	02	2	8	Sc,Cu	8.2	27	66	20	290	6	35	01	1	8	Sc,Cu	9.1	23	74	18	0
	62306	MATRÛH	10	12			3	3	Sc	6.9	27	62	19	360	10	11	01	1	2	Sc	8.7	23	65	16	0
	62309	EL DABA	320	3	35	00	0	0	—	6.7	27	70	21	320	3	15	00	0	0	—		25	74	20	0
		ALEXANDRIA	360	8	30	00	0	0	—	7.1	26	62	18	360	5		00	0	0	—	8.8	24	84	21	0
	62318	FOUAD (Airport)	310	10	18	02	0	0	—	6.7	28	58	19	20	12	12	02	0	0	—	7.3	24	74	19	0
	62330	DAMIETTA	360	5	15	02	0	4	—	6.7	28	52	17	360	5		02	0	0	—	8.0	25	84	22	0
	62333	PORT SAÏD	350	12	30	02	0	0	—	6.2	28	62	20	360	16	18	02	0	0	—	7.3	25	74	20	0
	62336	EL 'ARISH	320	5	35	02	0	0	—	5.1	30	66	23	360	3	15	02	0	0	—	6.6	26	84	23	0
LOWER EGYPT	62339	DAMANHÛR	40	9	15	02	1	1	Cu	6.6	30	52	19	360	13	15	02	0	0	—	7.6	24	74	19	0
	62342	MANSÛRA	20	13	35	00	0	0	—	6.9	33	38	17	40	5		00	0	0	—	7.4	25	70	19	0
	62348	TANTA	360	5	35	02	0	0	—	5.9	33	38	17	310	2	35	02	0	0	—	7.3	25	54	15	0
	62354	ZAGAZIG	40	5	15	00	0	0	—	5.6	33	44	19	40	5		00	0	0	—	7.8	26	62	18	0
	62441	ISMAÏLIA	360	5	15	02	0	0	—	4.3	35	37	18	20	5	15	02	0	0	—	7.0	27	52	16	0
CAIRO AREA	62366	FAROUK (Airport)																							
	62372	ALMÀZA	310	10	30	00	0	0	—	4.2	35	37	18												
		EZBEKIYA	20	2	35	00	0	0	—	5.2	34	36	17	40	5	15	00	0	0	—	7.2	27	55	17	0
		GIZA	20	2	35	00	0	0	—	5.2	35	35	17	40	5	15	00	0	0	—	7.8	28	46	15	0
	62378	HELWÂN	00	0	35	02	0	0	—	4.3	35	29	14	20	18	35	00	0	0	—	5.5	29	46	16	0
UPPER EGYPT	62381	FAIYÛM	200	2	35	02	0	0	—	4.6	36	20	10	00	0	35	02	0	0	—	4.8	33	30	13	0
	62387	MINYA	300	5	12	00	0	0	—	4.4	39	17	10	00	0	12	00	0	0	—	5.8	31	38	15	0
	62393	ASYÛT MANQABAD	270	4	30	00	0	0	—	4.4	40	10	2												
	62399	NAG' HAMMÂDI	320	1	15	00	0	0	—	4.8	39	24	15	00	0		00	0	0	—	4.4	30	40	15	0
	62402	QENA	240	5	50	00	0	0	—	3.9	42	18	13	270	2	7	00	0	0	—	4.4	33	24	10	0
	62405	LUXOR																							
	62414	ASWÂN	270	3	50	00	0	0	—	3.5	42	22	16												
OASES	62417	SÎWA												00	0	7	00	0	0	—	9.3	29	66	22	0
	62420	BAHARÎYA	270	3	35	02	0	0	—	5.3	35	29	14			15	02	0	0	—	7.0	29	35	12	0
	62423	FARAFRA	290	8	15	02	0	0	—		36	25	13	320	3	7	02	0	0	—	8.6	30	35	13	0
	62432	DAKHLA	320	2	50	00	0	0	—	5.7	39	11	3	320	3	35	00	0	0	—	7.1	34	13	2	0
	62435	KHARGA	00	0	15	00	0	0	—	5.1	41	19	13	00	0	15	00	0	0	—	5.5	36	17	7	0
RED SEA	62450	SUEZ	00	0	35	02	0	0	—	2.7	37	22	12	360	6	15	02	0	0	—	5.6	28	58	19	0
	62459	TÛR	180	3	35	00	0	0	—	4.4	36	53	25	130	3	15	00	0	0	—		31	49	19	0
	62462	HURGHADA	50	8		00	0	0	—	4.1	31	70	25	120	6		00	0	0	—	4.5	29	49	17	0
	62468	QUSEIR	20	9	15	02	0	0	—	5.0	33	56	23	140	9	15	02	0	0	—	5.1	30	70	24	0
	62641	PORT SUDÂN	90	7	10	01	1	1	Ac	3.7	37	56	27												
NORTH SUDAN	62600	WÂDI HALFA	270	14	30	00	1	0	—	4.5	43	12	8												
	62640	ABU HAMAD	310	5	30	00	0	0	—	4.0	43	9	3												
	62660	KAREIMA	230	1	30	00	0	0	—	3.4	43	13	9												
	62680	'ATBARA																							
	62721	KHARTÛM	230	12	10	07	1	3	Ac,Cu	6.0	37	24	13												
	62730	KASSALA	230	9	10	07	0	2	Cu	6.0	36	31	16												
CENTRAL SUDAN	62751	WAD MEDANI	230	13	35	02	1	7	Ce	8.2	34	36	17												
	62801	RENK																							
	62802	ROSEIRES																							
	62771	EL OBEID	190	16	30	01	1	5	Ac	9.1	32	38	16												
	62760	EL FASHER	180	2	30	02	1	6	Cu,Ac		34	25	11												
	62770	GENEINA	230	9	30	01	1	6	Cu,Ac		30	46	17												
S. SUDAN	62840	MALAKÂL	360	2	30	60	6	8	Sc,Cu	13.3	25	84	22												
	62880	WAU	00	0	30	02	1	5	Cu,Ac	10.4	29	62	21												
	62941	JUBA	180	2	30	61	4	8	Cb	13.4	21	94	20												

HUMIDITY

Mean of day

STATION	on 12th	Diff. from normal
Alexandria	74	-1
Ezbekiya	55	-4
Giza	51	-7
Helwân	42	-5

GIZA

GRASS MINIMUM TEMP

ON 13th 17.5 °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 12th

STATION	Matruh		Fouad A.P.				Minya				Hurghada			
TIME	15		15				15				15			
HEIGHT m	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	320	26			350	14	280	16			140	13		
600	320	17			360	12	280	15			140	9		
1000	320	17			280	12	280	16			120	6		
1500	250	17			250	17	270	16			270	23		
2000					240	17	260	7			270	20		
3000					220	24	240	18			260	16		
4000							250	17			250	20		
5000														
6000														
7000														
8000														

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

Note: All times G. M. T.

At 0600 on WEDNESDAY 13th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C	RAINFALL mms. Past 24 hrs.	RAINFALL mms. Total From Oct. 1st.	RAINFALL mms. Normal From Oct. 1st.	STATION
MEDITERRANEAN		SALÛM	20	4	7	02	0	3	Ac	11.0		26			18		62	18	0			SALUM
		SIDI BARÂNI	340	8	50	03	0	8	Sc,Cs	11.6		24	27		22		74	19	0	278		SIDI BARÂNI
		MATRÛH	360	6	15	01	1	2	Cu	10.6		24	28		19		69	18	0			MATRÛH
		EL DABA	320	3	35	01	1	3	Cu	11.8		25			18		61	17	0			EL DABA
		ALEXANDRIA	360	6	50	01	1	4	Cu,Sc	10.3	+0.5	26	28	-1	22	0	70	20	0	267	186	ALEXANDRIA
		FOUAD (Airport)	300	3	18	01	1	2	Sc	9.8		26	28		20		66	19	0	265	138	FOUAD (Airport)
		DAMIETTA	320	2	7	03	1	5	Cu	10.4	+1.6	26	28		18		70	20	0	319	106	DAMIETTA
		PORT SAÏD	10	3	18	03	0	3	Sc	9.8		27	29		24		62	19	0	72		PORT SAÏD
		EL 'ARISH	360	2	35	02	0	2	Cu	9.3	+0.5	27	30	6	21	+1	70	21	0		94	EL 'ARISH
LOWER EGYPT		DAMANHÛR	360	9	7	02	0	0	—	10.0	+0.9	26	31	-2	20	0	70	20	0	102	101	DAMANHÛR
		MANSÛRA	320	5	35	00	0	0	—	10.3	+1.3	27	33	-2	20	0	62	19	0	49	55	MANSÛRA
		TANTA	40	2	35	02	0	0	—	10.8	+1.4	27	33	-2	18	-1	62	19	0	34	44	TANTA
		ZAGAZIG	40	3	7	00	0	0	—	9.8	+0.2	28	35	0	20	+1	63	20	0	21	27	ZAGAZIG
		ISMAÏLIA	70	2	7	02	0	0	—	9.1		28	36		22		58	19	0	14		ISMAÏLIA
CAIRO AREA		FAROUK (Airport)																				FAROUK (Airport)
		ALMÀZA	50	7	13	00	0	0	—	9.3	-0.1	27			20		55	17	0			ALMÀZA
		EZBEKIYA	360	2	15	00	0	0	—	9.5	+0.1	29	35	-1	21	0	46	16	0	8	26	EZBEKIYA
		GIZA	360	2	15	00	0	0	—	9.9	+0.4	29	36	+1	20	+1	48	16	0	16	27	GIZA
		HELWÂN	20	6	35	00	0	0	—	9.0	-0.2	28	36	+1	22	+1	45	15	0	16	29	HELWÂN
UPPER EGYPT		FAIYÛM	00	0	35	02	0	0	—	9.1	-0.1	27			22	+1	55	17	0	8	8	FAIYÛM
		MINYA	10	10	10	00	0	0	—	9.3		26	39		20		58	17	0	5		MINYA
		ASYÛT MANQABAD	320	4	30	00	0	0	—	9.5		27			24		52	16	0	dr.		ASYÛT MANQABAD
		NAG' HAMMÂDI	270	2		00	0	0	—	9.0	+1.6	30	40		23		46	17	0	0		NAG' HAMMÂDI
		QENA	240	5	35	00	0	0	—	7.2	+0.5	31	43	+2	24	0	38	15	0	dr.		QENA
		LUXOR																		dr.		LUXOR
		ASWÂN	360	7	50	00	0	0	—	7.9	+0.7	32			27	+1	34	14	0	2		ASWÂN
OASES		SÎWA	320	5	35	00	0	0	—	13.0	+1.0	25	37	-1	19	-2	74	20	0	1	8	SÎWA
		BAHARÎYA	360	6	35	02	0	0	—	10.3	+0.3	27	36	-1	21	+1	52	16	0	dr.	7	BAHARÎYA
		FARAFRA	360	2	15	02	0	0	—	12.2		26	37		22		48	14	0	dr.		FARAFRA
		DAKHLA	320	6	35	00	0	0	—	10.8	+1.8	27	40	+1	22	-1	33	9	0	dr.		DAKHLA
		KHARGA	360	1	35	00	0	0	—	9.4	+1.5	30	42	+2	25	+2	35	13	0	0		KHARGA
RED SEA		SUEZ	00	0	35	00	0	0	—	8.6	+0.2	27	38	+2	23	0	62	19	0	12	17	SUEZ
		TÛR	310	8	35	00	0	0	—	7.1	+1.2	27	37	+3	25	+1	52	16	0	dr.	13	TÛR
		HURGHADA	320	10		00	0	0	—	7.3		27	34		24		70	21	0	7		HURGHADA
		QUSEIR	330	5	15	02	0	0	—	6.8	+0.5	32	34	0	26	0	38	16	0	0	4	QUSEIR
		PORT SUDÂN	00	0	30	02	2	4	Ac,Cu	5.5		36	37		28		42	21	0	40	98	PORT SUDÂN
NORTH SUDAN		WÂDI HALFA	360	1	30	01	2	6	Cu	7.5		31	44		24		26	9	0	27		WÂDI HALFA
		ABU HAMAD	360	5	30	02	2	7	Cu	6.0		36	44		29		12	2	0			ABU HAMAD
		KAREIMA	350	3	30	03	2	8	Cu	7.5		34	44		26		12	1	0	6	5	KAREIMA
		'ATBARA	250	9	30	03	2	8	Cu	7.5		32	45		28		34	14	0	8	16	'ATBARA
		KHARTÛM	200	10	30	02	1	6	Cu	9.4		29	38		26		52	18	0	14	38	KHARTÛM
		KASSALA	200	9	30	03	0	4	Ac,Cu	10.1		28	36		27		52	17	0	98	86	KASSALA
CENTRAL SUDAN		WAD MEDANI																	0	98	104	WÂD MEDANI
		RENK	230	9	50	02	2	4	Cu	10.9		26	30		21		62	18	0		218	RENK
		ROSEIRES																	16	208	320	ROSEIRES
		EL OBEID	210	13	30	02	1	7	Ac	11.1		25	33		23		74	20	0	63	107	EL OBEID
		EL FASHER	200	3	30	02	1	7	Ac			27			25		52	16	0	23	62	EL FASHER
		GENEINA	230	2	30	01	2	4	Ac			23	33		20		88	21	4		135	GENEINA
S. SUDAN		MALAKÂL	180	1	30	00	2	8	Ac	13.3		28	36		21		88	21	2	587	393	MALAKÂL
		WAU	00	0	30	02	1	8	Sc,Ac	12.7		23	31		23		88	21	dr.	555	613	WAU
		JUBA	180	2	10	03	2	7	Ac	14.4		22	28		21		94	21	7	456	656	JUBA

UPPER WIND OBSERVATIONS on 13th

STATION	SÎDI BARÂNI		MATRÛH		BOUAG AIRPORT		PORT SAÏD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABAD		LUXOR		ASWÂN		HURGHADA	
TIME	9		4 30		5		3				9 15		3		9 15				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.
300	340	5	320	15	180	3	50	2			360	13	360	21	320	10			10	34	350	12
600	330	5	300	10	270	2	00	0			350	5	360	19	330	15			10	32	330	13
1000	300	4	340	19	330	3	330	6			350	10	340	14	340	16			10	10	300	14
1500	320	4	340	15	280	18	280	16			340	9	320	22	310	12			20	11	270	26
2000	310	7	340	13	260	24	250	22			330	3	290	28	260	25			310	11	260	24
3000	300	9	270	19											250	22			290	15	260	20
4000																			290	27		
5000																			290	27		
6000																						
7000																						
8000																						

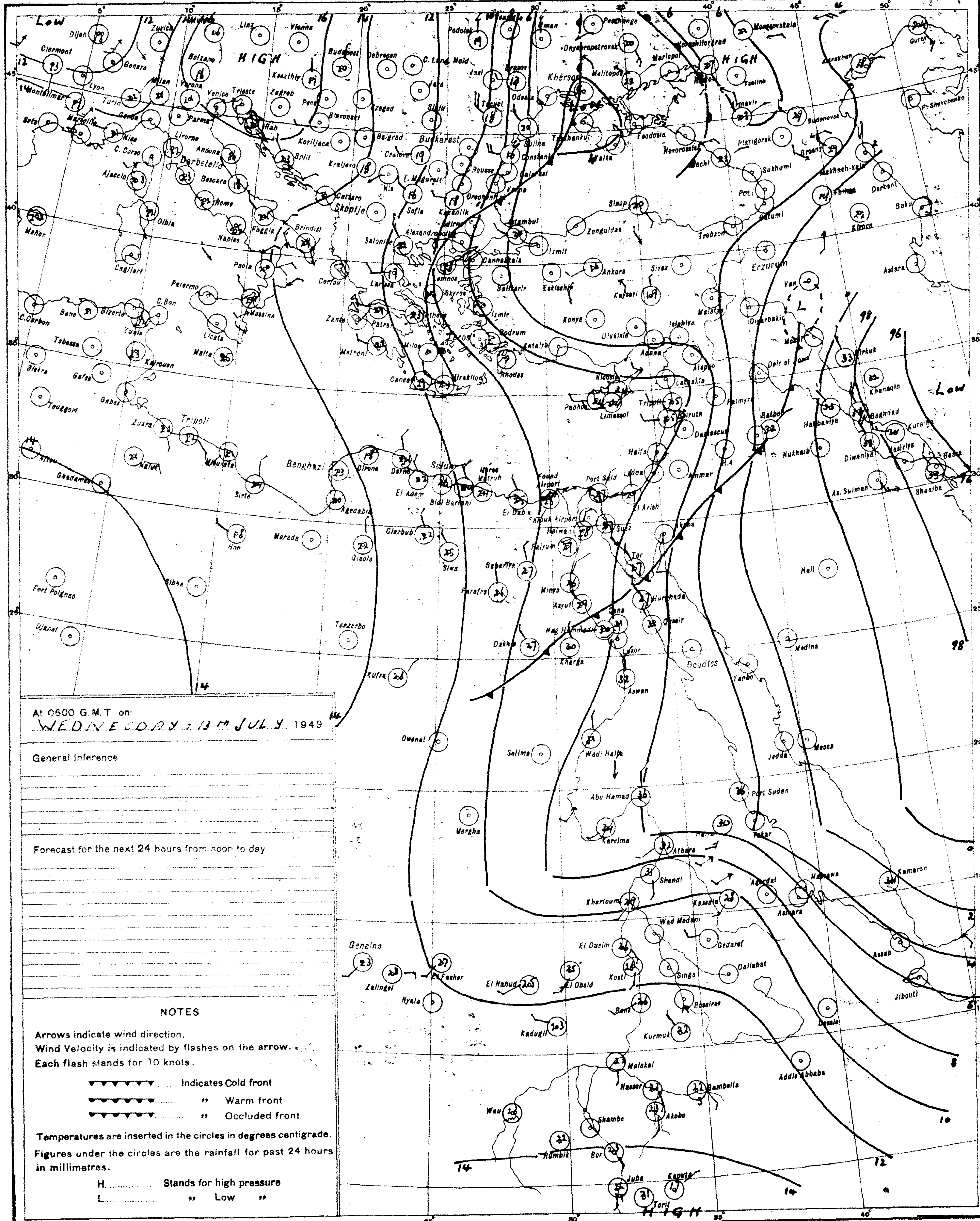
STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7										4				5		3 45	
HEIGHT m	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	320	18	340	10	310	8	320	13																
600	310	18	350	10	300	9	360	13									180	15					130	9
1000	330	8	350	11	310	12	360	11									190	16			210	4	150	6
1500	320	8	10	13	300	26	310	18									200	19			300	6	30	5
2000	310	18	330	25	310	26	280	24									260	13						
3000	290	16															310	8					50	15
4000	300	17																					10	9
5000	280	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.

F.G.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 13th : 7 : 1949



At 0600 G.M.T. on:
WEDNESDAY : 13th JULY 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	Thunderstorm during the past hour	91
Hail		93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	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 03 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 : Thursday 14th July , 1949

At 1200 on Wed 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	360	13	7	01	2	2	Ac	12.0	26	62	18
	62303	SIDI BARANI	340	9	50	02	2	8	Cu,Cc	13.0	26	55	16
	62306	MATRUH	20	9	18	02	1	4	Cu	12.2	27	55	17
	62309	EL DABA	320	4	35	00	0	0	—	11.5	27	62	19
		ALEXANDRIA	40	5	50	03	2	3	Cu,Sc	11.6	26	70	20
	62318	FOUAD (Airport)	330	14	18	02	1	4	Sc	11.1	28	62	20
	62330	DAMIETTA	340	2	15	01	0	1	Ac	11.5	27	55	17
	62333	PORT SAID	360	11	30	02	0	1	Sc	11.0	28	58	19
	62336	EL 'ARISH	320	5	35	01	0	0	—	10.4	27	84	24
LOWER EGYPT	62339	DAMANHUR	360	9	15	03	1	6	Cu	10.4	29	66	22
	62342	MANSURA	360	5	35	03	0	5	Cu	10.6	31	49	19
	62348	TANTA	360	5	35	03	1	6	Cu	11.4	32	43	18
	62354	ZAGAZIG	40	5	15	02	1	4	Ac	11.1	32	43	18
	62441	ISMAILIA	70	8	7	03	2	6	Sc	9.4	32	43	18
CANAL ZONE AREA	62366	FAROUK (Airport)											
	62372	ALMAZA											
		EZBEKIYA	360	4	35	00	0	0	-	9.8	32	36	15
		GIZA	360	4	35	00	0	0	-	10.2	33	38	17
	62378	HELWAN	290	11	15	06	0	3	Cu	9.2	32	28	11
UPPER EGYPT	62381	FAIYUM	360	2	35	02	0	0	-	9.3	33	30	13
	62387	MINYA	30	13	12	00	0	0	-	8.6	34	32	15
	62393	ASYUT MANGABAD	310	12	30	00	0	0	-	8.4	34	22	9
	62399	NAG' HAMMADI	320	2	7	00	0	0	-	7.5	37	27	15
	62402	QENA	240	9	50	00	0	0	-	6.6	39	24	15
	62405	LUXOR											
	62414	ASWAN	360	2	50	00	0	0	-	6.0	41	23	16
OASES	62417	SIWA	00	0	35	00	0	0	-	13.1	34	56	24
	62420	BAHARIYA	320	2	35	02	0	0	-	9.1	33	30	13
	62423	FARAFRA	320	4	35	02	0	0	-	9.9	34	27	12
	62432	DAKHLA	320	6	50	00	0	0	-	7.9	36	17	7
	62435	KHARGA	00	0	15	00	0	0	-	7.5	38	19	11
RED SEA	62450	SUEZ	00	0	35	03	0	1	Cu	7.5	34	27	12
	62459	TOR	310	9	35	00	0	0	-	6.6	34	27	12
	62462	HURGHADA	340	8		00	0	0	-	6.5	30	66	23
	62465	QUSEIR	20	5	15	02	0	0	-		32	49	20
	62641	PORT SUDAN	90	10	30	02	1	7	Cs	3.3	41	30	20
NORTH SUDAN	62600	WADI HALFA	300	6	30	01	1	3	Ci	5.9	42	9	3
	62640	ABU HAMAD	360	5	30	03	1	8	Cs	3.4	43	9	4
	62660	KAREIMA	230	3	30	01	2	3	Cc	4.5	43	15	11
	62680	'ATBARA	310	2	30	02	2	6	Ci,Cc	3.5	43	6	2
	62721	KHARTUM	290	6	30	03	1	5	Ci	6.1	39	20	12
	62730	KASSALA											
CENTRAL SUDAN	62751	WAD MEDANI	230	5	35	00	0	0	-	5.9	37	29	16
	62801	RENK	220	5		00	0	0	-		29	52	18
	62802	ROSEIRES	230	2	35	00	0	0	-	8.7	30	55	20
	62771	EL OBEID											
	62760	EL FASHER	130	10	30	01	1	6	Cu,Ac		35	25	12
	62770	GENEINA	230	2	30	01	0	4	Cu,Ac		33	34	15
S. SUDAN	62840	MALAKAL	230	5	30	60	6	8	Cu,Ac	11.7	26	84	23
	62880	WAU	00	0	30	02	1	8	Cs	10.7	30	59	21
	62941	JUBA	360	2	30	03	2	8	Cu,Ac	10.9	29	66	22

At 1800 on Wed. 13th

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms
62300	SALUM	360	5	7	03	1	1	Ac,Cc	12.5	23	74	18	0
62303	SIDI BARANI	350	11	35	01	1	1	Cu,Ac	13.9	23	74	18	0
62306	MATRUH	13	03	13	03	1	2	Sc	12.0	23	65	16	0
62309	EL DABA	320	4	15	00	0	0	—	10.2	25	70	19	0
	ALEXANDRIA	20	4	3	00	0	0	—	12.4	24	74	19	0
62318	FOUAD (Airport)	10	10	14	02	0	1	Cu	12.2	24	74	19	0
62330	DAMIETTA	360	2		00	0	0	—	11.6	24	74	19	0
62333	PORT SAID	360	15	15	03	0	1	Sc	11.8	25	74	20	0
62336	EL 'ARISH			15	03	1	3	Cu	11.5	24	94	24	0
62339	DAMANHUR	360	5	15	01	1	1	Cu	12.4	24	74	19	0
62342	MANSURA	40	5	15	00	0	0	—	11.9	25	70	19	0
62348	TANTA	360	5	35	03	2	6	Cu	12.3	25	54	15	0
62354	ZAGAZIG	40	9	3	00	0	0	—	11.8	25	74	20	0
62441	ISMAILIA	70	8	7	02	0	0	—	10.8	26	55	16	0
62366	FAROUK (Airport)												
62372	ALMAZA												
	EZBEKIYA	20	5	15	00	0	0	—	11.1	26	62	18	0
	GIZA	360	5	15	00	0	0	—	11.4	27	56	17	0
62378	HELWAN	360	19	7	09	0	0	—	10.2	27	55	17	0
62381	FAIYUM	35	00	0	35	02	0	—	9.3	31	31	12	0
62387	MINYA	10	00	0	10	00	0	—	8.6	28	49	16	0
62393	ASYUT MANGABAD												
62399	NAG' HAMMADI	00	0		00	0	0	—	7.0	29	46	16	0
62402	QENA	270	2	7	00	0	0	—	6.6	31	38	15	0
62405	LUXOR												
62414	ASWAN	360	2	50	00	0	0	—	6.4	38	21	12	0
62417	SIWA	00	0	7	00	0	0	—	12.4	29	66	22	0
62420	BAHARIYA	320	2	15	02	0	0	—	10.4	30	31	11	0
62423	FARAFRA	320	4	15	02	0	0	—	9.1	29	35	12	0
62432	DAKHLA	35	00	3	35	00	0	—	7.2	31	12	-1	0
62435	KHARGA	20	2	15	00	0	0	—	7.8	34	22	9	0
62450	SUEZ	360	13	15	01	0	0	—	9.3	27	55	17	0
62459	TOR	310	8	15	00	0	0	—	6.7	27	84	24	0
62462	HURGHADA	290	11		00	0	0	—	6.0	31	52	20	0
62465	QUSEIR	330	9	15	00	0	0	—	6.4	30	52	19	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 Thursday 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	BAR. PRESSURE Diff. from normal mbs	TEMPERATURES °C Dry Bulb	TEMPERATURES °C MAXIMUM Yesterday	TEMPERATURES °C MAXIMUM Diff. from normal	TEMPERATURES °C MINIMUM Today	TEMPERATURES °C 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.
62300	SALUM	320	8	7	03	1	5	Ac	13.8		26	27		18		58	17	0		
62303	SIDI BARANI	330	12	50	03	2	8	Cu,Cc	14.3		24			21		69	18	0	278	
62306	MATRUH	340	4	18	02	1	3	Sc	13.1		25	28		18		61	17	0		
62309	EL DABA	320	3	35	01	1	3	Cu	12.7		26	28		20		62	18	0		
	ALEXANDRIA	310	5	50	01	1	3	Cu,Sc	15.0	+3.3	25	29	0	22	-1	61	17	0	267	186
62318	FOUAD (Airport)	360	10	18	03	1	4	Sc	12.3		26	29		20		55	16	0	265	138
62330	DAMIETTA	290	5	7	03	0	2	Cu	12.2	+3.4	25	28		18		61	17	0	369	106
62333	PORT SAID	320	10	30	01	1	3	Sc	11.7		25	29		24		58	16	0	72	
62336	EL 'ARISH	360	2	35	02	0	3	Cu	11.8	+3.9	26	28	-2	21	+1	74	21	0		94
62339	DAMANHUR	310	19	7	03	1	1	Cu	12.8	+3.8	25	30	-3	20	0	61	17	0	102	101
62342	MANSURA	340	9	35	00	0	0	—	12.7	+3.9	26	32	-3	20	0	55	16	0	49	55
62348	TANTA	270	5	35	02	1	0	—	13.4	+4.0	26	33	-2	16	-3	70	20	0	34	44
62354	ZAGAZIG	40	2	7	00	0	0	—	12.8	+3.3	27	34	-1	20	+1	62	19	0	21	27
62441	ISMAILIA	360	2	7	03	1	3	Cu	11.6		27	33		21		52	16	0	14	
62366	FAROUK (Airport)	20	10	15	02	1	2	Cu	11.8		25					70	19	0		
62372	ALMAZA	20	13	12	01	1	2	Cu	11.8	+2.4	25			20		61	17	0		
	EZBEKIYA	360	3	15	01	0	2	Cu	12.2	+2.8	26	33	-3	20	-2	57	15	0	8	26
	GIZA	360	3	15	01	0	2	Cu	12.4	+3.0	26	35	0	20	+1	56	16	0	16	27
62378	HELWAN	360	8	35	00	0	1	Cu	11.9	+2.7	24	33	-2	21	0	69	18	0	16	29
62381	FAIYUM	20	2	35	02	0	0	—	11.2	+2.1	24			21		69	18	0	8	8
62387	MINYA	20	13	10	00	0	0	—	11.2		25	36		22		65	18	0	5	
62393	ASYUT MANGABAD	300	3	30	00	0	0	-	10.5		26			22		62	18	0	Dr.	
62399	NAG' HAMMADI	320	1		00	0	0	-	8.7		29	37		21		52	18	0	0	
62402	QENA	40	2	35	00	0	0	-	8.2	+1.5	31	40	-1	23	-1	38	15	0	Dr.	
62405	LUXOR	330	7	30	00	0	1	Ci	8.2		32					28	11	0	Dr.	
62414	ASWAN	360	6	50	00	0	0	—	8.2	+1.0	31	42	+1	26	0	41	16	0	2	
62417	SIWA	00	0	35	00	0	0	-	14.6	+2.7	26	34	-4	20	-1	40	11	0	1	8
62420	BAHARIYA	360	3	35	02	0	0	-	12.6	+2.6	25	35	-2	21	+1	70	19	0	Dr	7
62423	FARAFRA	360	5	15	02	0	0	-	12.7		26	36		20		62	18	0	Dr.	
62432	DAKHLA	20	3	35	00	0	0	-	11.3	+2.4	29	37	-2	25	+2	40	14	0	Dr.	
62435	KHARGA	360	2	35	00	0	0	-	10.0	+2.1	29	40	0	24	+1	46	16	0	0	
62450	SUEZ	20	5	18	00	0	3	Cu	10.4	+2.0	26	36	0	22	-1	55	16	0	12	13
62459	TOR	310	9	35	00	0	0	-	7.9	+2.0	26	34	0	25	+1	84	23	0	Dr.	13
62462	HURGHADA	290	19		00	0	0	-	7.8		28	32		26		62	20	0	7	
62465	QUSEIR	360	19	15	02	0	0	-	7.4	+1.1	29	33	-1	27	+1	59	20	0	0	4
62641	PORT SUDAN	340	13	30	01	2	3	Ci	4.3		39	41		28		36	21	0	40	99
62600	WADI HALFA	360	4	30	01	1	2	Ci	8.1		30	42		26		22	6	0	27	
62640	ABU HAMAD	330	13	30	03	1	8	Cu,Cc	5.5		34	45		27		16	5	0		
62660	KAREIMA	20	14	10	00	0	0	-	6.6		35	44		24		16	6	0	6	6
62680	'ATBARA	340	9	10	03	2	5	Ci	5.3		33	45		29		23	9	0	8	17
62721	KHARTUM	250	12	30	03	1	6	Ac,Cc	6.3		33	40		29		36	16	Dr.	14	40
62730	KASSALA	180	9	10	02	1	8	Cs	8.2		29	39		26		52	18	0	98	89
62751	WAD MEDANI																	0	98	108
62801	RENK	230	9	50	00	0	0	-	9.0		28	31		24		70	22	0		222
62802	ROSEIRES																	0	208	327
62771	EL OBEID	230	12	30	03	1	7	Cu,Cc	9.0		28	36		26		58	19	0	63	110
62760	EL FASHER	210	2	30	01	0	3	Ci			27	37		22		45	14	0	23	65
62770	GENEINA	90	2	30	02	1	7	Cc			24	35		22		74	19	1.3		140
62840	MALAKAL	160	3	30	60	6	7	Cb	12.8		23	27		20		94	22	Dr.	587	399
62880	WAU	00	0	30	12	1	7	Ac	12.2		25	31		23		88	23	8	563	618
62941	JUBA	00	0	18	13	2	8	Ac	14.3		21	29		19		88	19	0.4	456	659

HUMIDITY

Mean of day on 13th

STATION	%	Diff. from normal
Alexandria	70	- 5
Ezbekiya	49	- 10
Giza	48	- 11
Helwan	47	0

GIZA
GRASS MINIMUM TEMP.
ON 14th 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 — 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 13th

HEIGHT m	Matruh TIME 15 DIR.	Matruh VEL.	DIR.	VEL.	Fouad Aft TIME 15 DIR.	Fouad Aft VEL.	DIR.	VEL.	Minya TIME 15 DIR.	Minya VEL.	DIR.	VEL.	Hurghada TIME 15 DIR.	Hurghada VEL.	DIR.	VEL.	P.Said TIME 14 DIR.	P.Said VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	360	21			360	13			10	12			350	19			340	23								
600	350	20			10	28			360	12			340	16			340	14								
1000	350	18			10	12			360	13			350	17			290	18								
1500					160	7			350	13			320	20			260	15								
2000					290	10			300	15			280	26			250	17								
3000					260	18							220	13												
4000					270	14																				
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 14th

HEIGHT m	SIDI BARANI TIME 9 DIR.	SIDI BARANI VEL.	MATRUH TIME 3 30 DIR.	MATRUH VEL.	FOUAD AIRPORT TIME 3 DIR.	FOUAD AIRPORT VEL.	PORT SAID TIME 3 DIR.	PORT SAID VEL.	EL 'ARISH DIR.	EL 'ARISH VEL.	HELWAN TIME 9 DIR.	HELWAN VEL.	MINYA TIME 3 30 DIR.	MINYA VEL.	ASYUT MANGABAD TIME 9 DIR.	ASYUT MANGABAD VEL.	LUXOR DIR.	LUXOR VEL.	ASWAN TIME 9 DIR.	ASWAN VEL.	HURGHADA TIME 9 DIR.	HURGHADA VEL.	DIR.	VEL.
300	320	9	340	9	350	14	330	9			30	10	10	19	330	16			350	7	340			
600	310	9	350	8	360	11	320	9			30	30	10	35	330	17			330	12	320			
1000	310	9	350	8	10	12	320	13			10	5	350	19	340	16			330	17	330			
1500	300	6	320	17	350								330	20	330	18			320	23	280	17		
2000													300	14	290	16			310	12	10	10		
3000																			300	16				
4000																								
5000																								
6000																								
7000																								
8000																								

HEIGHT m	SIWA TIME 9 DIR.	SIWA VEL.	BAHARIYA TIME 9 DIR.	BAHARIYA VEL.	DAKHLA TIME 9 DIR.	DAKHLA VEL.	KHARGA TIME 7 DIR.	KHARGA VEL.	WADI HALFA DIR.	WADI HALFA VEL.	ABU HAMAD DIR.	ABU HAMAD VEL.	KAREIMA DIR.	KAREIMA VEL.	KHARTUM DIR.	KHARTUM VEL.	KASSALA TIME 4 DIR.	KASSALA VEL.	EL OBEID TIME 3 30 DIR.	EL OBEID VEL.	EL FASHER TIME 4 45 DIR.	EL FASHER VEL.	MALAKAL TIME 3 20 DIR.	MALAKAL VEL.
300	10	14	340		340	17	360	16																
600	10	3	340		340	26	360	17									190	17					190	12
1000	360	6	340		330	44	10	22									190	18	250	20	280	5	170	15
1500	340	12			330	65											200	19	260	13	320	5	120	15
2000	330	11																	370	11			80	7
3000	320	18															320	10	20	20			50	14
4000	300	24																						
5000	300	27																						
6000	300	32																						
7000																								
8000																								

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

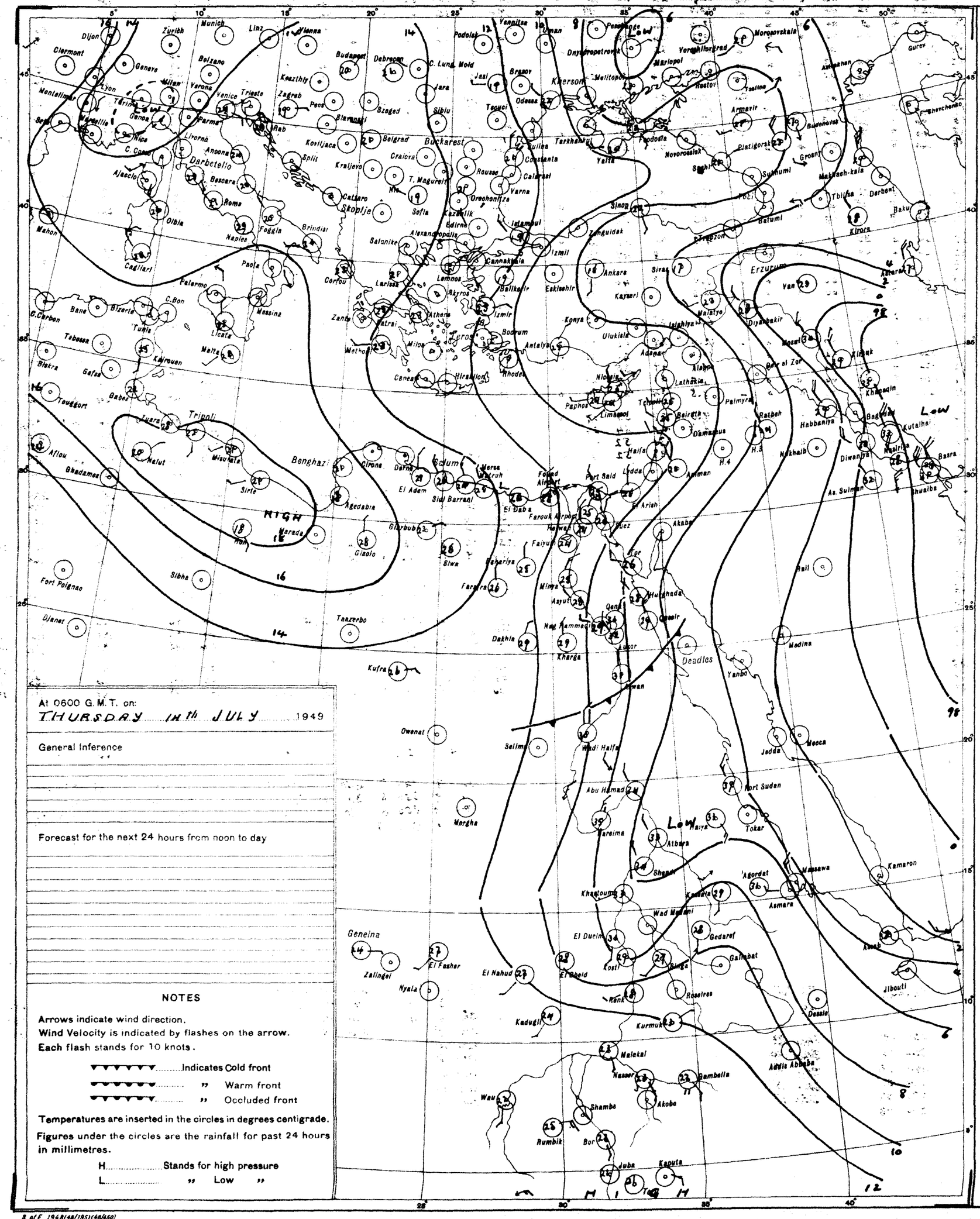
K.N.

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 17th JULY 1949



At 0600 G.M.T. on:
THURSDAY 14th JULY 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 03 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 15th July , 1949

At 1200 on Thurs. 14th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C
MEDITERRANEAN	62300	SALÛM	360	15	7	01	0	3	Ac	13.4	26	62	18
	62303	SÎDI BARÂNI	340	8		02	2	8	Sc,Cu	14.6	25	70	19
	62306	MATRÛH	340	13	18	02	1	3	Cu	13.5	26	55	16
	62309	EL DABA	320	5	35	00	0	0	—	13.4	27	62	19
		ALEXANDRIA	310	9	50	01	2	3	Cu,Sc	12.7	27	62	19
	62318	FOUAD (Airport)	340	14	18	03	1	3	Cu	12.3	28	55	18
	62330	DAMIETTA	360	5	15	02	0	3	Cu	11.5	26	62	18
	62333	PORT SA'ÎD	330	17	30	02	0	1	Sc	11.1	26	62	18
	62336	EL 'ARISH	320	2	35	01	0	0	—	10.8	27	70	21
LOWER EGYPT	62339	DAMANHUR	360	19	15	02	1	1	Cu,Ac	12.3	28	58	19
	62342	MANSURA	340	13	35	02	1	4	Cu	11.6	30	40	15
	62348	TANTA	360	17	35	03	2	6	Cu,Sc		30	46	17
	62354	ZAGAZIG	140	9	15	00	0	0	—	11.6	31	49	19
	62441	ISMAÎLIA	360	5	35	03	2	5	Sc	9.9	32	34	14
CAIRO AREA	62366	FAROUK (Airport)	330	11	30	02	1	1	Cu	10.9	30	38	14
	62372	ALMÂZA	360	17	30	01	1	2	Cu	10.4	31	43	17
		EZBEKÎYA	360	"	35	00	0	0	—	10.6	31	38	15
		GÎZA	310	"	35	00	0	0	—	12.6	31	42	17
	62378	HELWÂN	340	10	35	03	0	1	Cu	10.2	30	35	13
UPPER EGYPT	62381	FAIYÛM	260	5	35	02	0	0	—	10.3	32	28	11
	62387	MINYA	30	18	12	00	0	0	—	9.0	32	28	11
	62393	ASYÛT MANQABÂD	340	13	30	00	0	0	—	8.7	33	21	8
	62399	NAG' HAMMÂDI	290	3	15	00	0	0	—	6.4	34	32	15
	62402	QENA	290	5	50	00	0	0	—	5.5	39	21	13
	62405	LUXOR											
	62414	ASWÂN	340	9	50	00	0	0	—	5.1	38	24	14
OASES	62417	SÎWA	00	0	35	00	0	0	—	14.3	34	63	26
	62420	BAHARÎYA	360	6	35	02	0	0	—	11.1	32	28	11
	62423	FARAFRA	320	4	35	02		0	—	11.9	34	27	12
	62432	DAKHLA	320	6	50	00	0	0	—	9.1	33	24	10
	62435	KHARGA	340	1	35	00	0	0	—	8.6	34	27	12
RED SEA	62450	SUEZ	360	4	35	01	0	0	—	8.8	31	38	15
	62459	TÛR	310	9	35	00	0	0	—	7.2	29	70	23
	62462	HURGHÂDA	340	22		00	0	0	—	5.9	30	59	21
	62465	QUSEIR	20	9	15	02	0	0	—	6.3	32	49	20
	62641	PORT SÛDÂN	60	14	30	03	2	7	Ci	3.0	37	56	27
NORTH SÛDÂN	62600	WÂDI HALFA	360	14	14	01	1	1	Ci	5.1	39	13	6
	62640	ABU HAMAD	360	13	30	03	0	3	Ci	2.2	42	10	4
	62660	KAREIMA	340	9	30	02	2	8	Cs	3.4	42	11	5
	62680	'ATBARA	340	9	10	03	2	6	Ci	1.2	42	11	5
	62721	KHARTÛM	100	25	30	02	1	8	Cc	2.9	40	14	8
	62780	KASSALA	230	8	30	02	1	8	Cu,Cb	3.2	38	29	17
CENTRAL SÛDÂN	62751	WÂD MEDANI	230	9	35	01	3	4	Cc	3.9	39	23	14
	62801	RENK	30	9	35	00	0	0	—	8.8	34	36	17
	62802	ROSEIRES	230	2	35	00	0	0	—	8.6	31	55	21
	62771	EL OBEID											
	62760	EL FÂSHER											
	62770	GENEINA											
S. SÛDÂN	62840	MALAKÂL	230	4	30	02	8	7	Ac	10.4	28	66	21
	62880	WÂU	00	0	30	02	1	7	Cu,Ac	9.6	31	55	21
	62941	JUBA	20	2	30	03	2	8	Cu,Ac	9.8	30	66	23

At 1800 on Thurs. 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	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms
62300	360	4	7	02	0	2	Ac	13.4	25	61	17	0
62303	340	9	35	02	2	8	Sc,Cu	14.2	23	74	18	0
62306	360	6	17	01	1	1	Cu	13.5	23	65	16	0
62309	320	4	35	00	0	0	—	12.0	26	62	18	0
	360	10		00	0	0	—	12.7	24	69	18	0
62318	340	10	12	02	1	3	Sc	12.1	24	69	18	0
62330	320	5		01	0	1	Cu	11.5	24	74	19	0
62333	320	12	18	01	0	1	Sc	11.2	25	65	18	0
62336	320	9	15	03	1	4	Cu		25	79	21	0
62339	360	9	7	02	1	2	Cu	12.4	23	74	18	0
62342	320	5		00	1	0	—	11.8	24	69	18	0
62348	310	5	35	01	1	3	Cu	12.3	23	61	15	0
62354	320	5	7	00	0	0	—	11.9	24	74	19	0
62441	290	5	7	02	0	0	—	11.2	25	54	15	0
62366												
62372	330	16	14	01	1	1	Cu	11.3	26	52	16	0
	360	5	15	00	0	0	—	11.5	26	55	16	0
	360	5	15	00	0	0	—	12.3	25	52	15	0
62378	340	12	35	01	0	0	—	11.1	26	48	14	0
62381	360	5	35	02	0	0	—	10.2	29	40	14	0
62387	20	7	10	00	0	0	—	8.9	26	48	14	0
62393				00	0	0	—	5.9	29	35	12	0
62399	320	3		00	0	0	—					
62402	270	2	7	00	0	0	—	5.8	36	18	8	0
62405												
62414	360	7	50	00	0	0	—	5.0	36	17	7	0
62417	00	0	35	00	0	0	—	13.1	30	59	21	0
62420	360	5	15	02	0	0	—	11.0	28	40	13	0
62423	360	3	15	02	0	0	—	11.2	28	40	13	0
62432	320	2	35	00	0	0	—	9.2	30	21	5	0
62435	20	1	35	00	0	0	—	8.4	31	28	10	0
62450	360	16	7	02	0	0	—	11.1	26	55	16	0
62459	310	10	15	00	0	0	—		29	66	22	0
62462	300	23		00	0	0	—	4.6	29	59	20	0
62465	360	13	15	02	0	0	—	5.5	30	55	20	0
62641												
62600												
62640												
62660												
62680												
62721												
62780												
62751												
62801												
62802												
62771												
62760												
62770												
62840												
62880												
62941												

At 0600 on Friday 15th

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	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C Dry Bulb	TEMPERATURES °C MAXIMUM Yesterday	TEMPERATURES °C MAXIMUM Diff. from normal	TEMPERATURES °C MINIMUM Today	TEMPERATURES °C 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.
62300	300	14	7	02	0	0	—	13.4		25			17		54	15	0		
62303	320	10	50	02	2	8	Cu,Cb	13.5		24	26		21		74	19	0	278	
62306	350	8	12	02	1	3	Cu	12.7		24	27		18		69	18	0		
62309	320	5	35	01	1	3	Cu	12.2		25	27		21		70	19	0		
	20	8	50	03	1		Sc,Ac	11.1	+1.4	24	28	-1	23	0	74	19	0	267	186
62318	320	12	18	01	1	2	Sc	11.0		26	28		23		66	19	0	265	138
62330	320	5	7	02	0	2	Cu	10.3	+1.6	25	27		18		74	20	0	319	106
62333	320	7	18	03	0	2	Sc	10.1		26	27		24		62	18	0	72	
62336	220	2	35	02	0	4	Cu	10.4	+1.6	27	28	-2	21	+1	70	21	0		94
62339	310	9	7	02	1	2	Cu	11.4	+2.4	25	29	-4	20	0	61	17	0	103	101
62342	320	5	35	00	0	0	—	10.8	+2.0	26	31	-4	19	-1	62	18	0	49	55
62348	310	5	35	01	1	2	Cu	12.0	+2.6	26	30	-5	15	-4	62	18	0	34	44
62354	320	5	7	00	0	0	—	11.0	+1.5	26	33	-2	18	-1	70	20	0	21	27
62441	290	2	15	62	0	0	—	11.8		26	32		21		61	18	0	14	
62366																			
62372	340	8	14	03	0	2	Cu	10.4	+1.1	24	32		20		69	18	0		
	360	3	15	00	0	0	—	10.3	+1.0	25	31	-5	20	-2	70	19	0	8	26
	360	3	15	00	0	0	—	10.6	+1.3	24	31	-4	18	-1	57	16	0	16	27
62378	320	11	15	00	1	4	Cu	10.0	+0.9	24	31	-4	20	-1	61	16	0	16	29
62381	360	8	35	03	1	2	Cu,Sc	10.2	+1.1	25			20	-1	61	17	0	8	8
62387	30	17	10	00	0	0	—	9.7		24	33		20		61	16	0	5	
62393	360	10	30	00	0	1	Cc	9.1		24			20		54	14	0	Dr.	
62399	340	3		00	0	0	—	7.0	-0.2	28	35		23		33	10	0	0	
62402	360	2	35	00	0	0	—	7.0	+0.3	31	40	-1	23	-1	49	19	0	Dr.	
62405																		Dr.	
62414	340	8	50	00	0	0	—	6.7	-0.4	29	39	-2	25	-1	46	16	0	2	
62417	00	0	35	00	0	0	—	14.4	-2.5	24	35	-3	19	-2	74	19	0	1	8
62420	360	6	35	02	0	0	—	11.9	+1.9	23	33	+4	19	-1	74	18	0	Dr.	7
62423	360	5	15	02	0	0	—	12.6		25	35		19		48	13	0	Dr.	
62432	320	6	35	00	0	0	—	9.9	+1.0	26	35	-4	23	0	42	12	0	Dr.	
62435	360	4	35	00	0	0	—	9.8	+1.9	26	36	-4	23	0	42	12	0	0	
62450	360	6	35	00	0	0	—	10.6	+1.7	25	33	-3	21	-2	70	19	0	12	17
62459	310	9	35	00	0	0	—			25	32	-2	24	0	74	20	0	Dr.	13
62462	310	19		00	0	0	—	6.6		25	30		23		70	19	0	7	
62465	360	24	15	02	0	0	—	5.6	-0.6	28	33	-1	26	0	52	17	0	0	4
62641	10	1	30	02	1	3	Ci	3.8		34	41		27		44	20	0	40	99
62600	360	12	30	03	1	7	Ci	7.0		28	41		23		29	8	0	27	
62640	360	13	30	02	2	8	Cs	4.5		32	43		27		21	7	0		
62660	20	14	30	02	1	8	Cs	5.7		33	44		26		23	9	0	6	6
62680	200	5	30	02	2	8	Cs	5.4		33	43		27		23	9	0	8	17
62721	220	23	10	07	1	7	Ci	6.1		32	42		29		49	20	0	14	41
62780	200	5	30	00	0	0	—	7.5		28	39		24		52	17	0	98	92
62751	230	5	50	02	1	7	Ci	8.2		29	40		25		49	17	0	98	112
62801	230	9	50	00	0	0	—	8.6		30	35		24		55	20	0		226
62802																		208	333
62771	250	12	30	01	1	3	Ac,Ci	8.2		28	37		25		55	18	0	63	113
62760	170	11	30	02	1	6	Ac			28	39		26		55	18	0	23	69
62770																			145
62840	00	0	30	01	1	6	Ac	10.2		25	34		22		79	21	Dr.	587	405
62880	00	0	30	02	1	7	Ac	10.2		24	32		23		94	23	0	563	624
62941	200	9	30	01	2	8	Ac,Cs	11.0		25	31		21		84	22	0	456	663

HUMIDITY %

Mean of day

STATION	on 14th	Diff. from normal
Alexandria	63	-12
Ezbekiya	51	-8
Giza	50	-9
Helwân	52	+4

GIZA
GRASS MINIMUM TEMP.
ON 15th 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			

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 14th

STATION	Matruh		Fouad A/P		Minya		Hurghada																	
TIME	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	330	11			330	23	10	36			320	38												
600	320	13			340	18	360	31			310	50												
1000	330	11			330	19	10	33			350	23												
1500	320	11			320	22	360	28			320	32												
2000	320	18					330	10			360	43												
3000	310	20																						
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	9				3								3		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	320	8			330	20							10	26	350	10					330	32	360	11
600	310	8			330	18							20	26	360	11					310	34	330	8
1000	320	8			350	14							10	31	360	19					300	18	320	6
1500	350	8			350	14							340	28	350	18					320	2	350	17
2000	340	10			340	16							340	21	340	6							320	6
8000	360	10			340	19									300	2							280	14
4000	330	10			290	7									280	5								
5000					280	17																		
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	8 30		9		9		7				3 30						4		3 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	330	11	360		350		10	17																
600	330	10	360		350		310	15			360	24											180	15
1000	350	10	350		350		350	23			360	13					200	10	250	19	180	16	190	22
1500	340	23			340		340	33			290	5					260	8	230	18	230	10	200	17
2000	350	22					330	25			270	5					360	9					200	14
3000	360	17															360	13			60	11		
4000	10	16																			70	11		
5000	350	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.

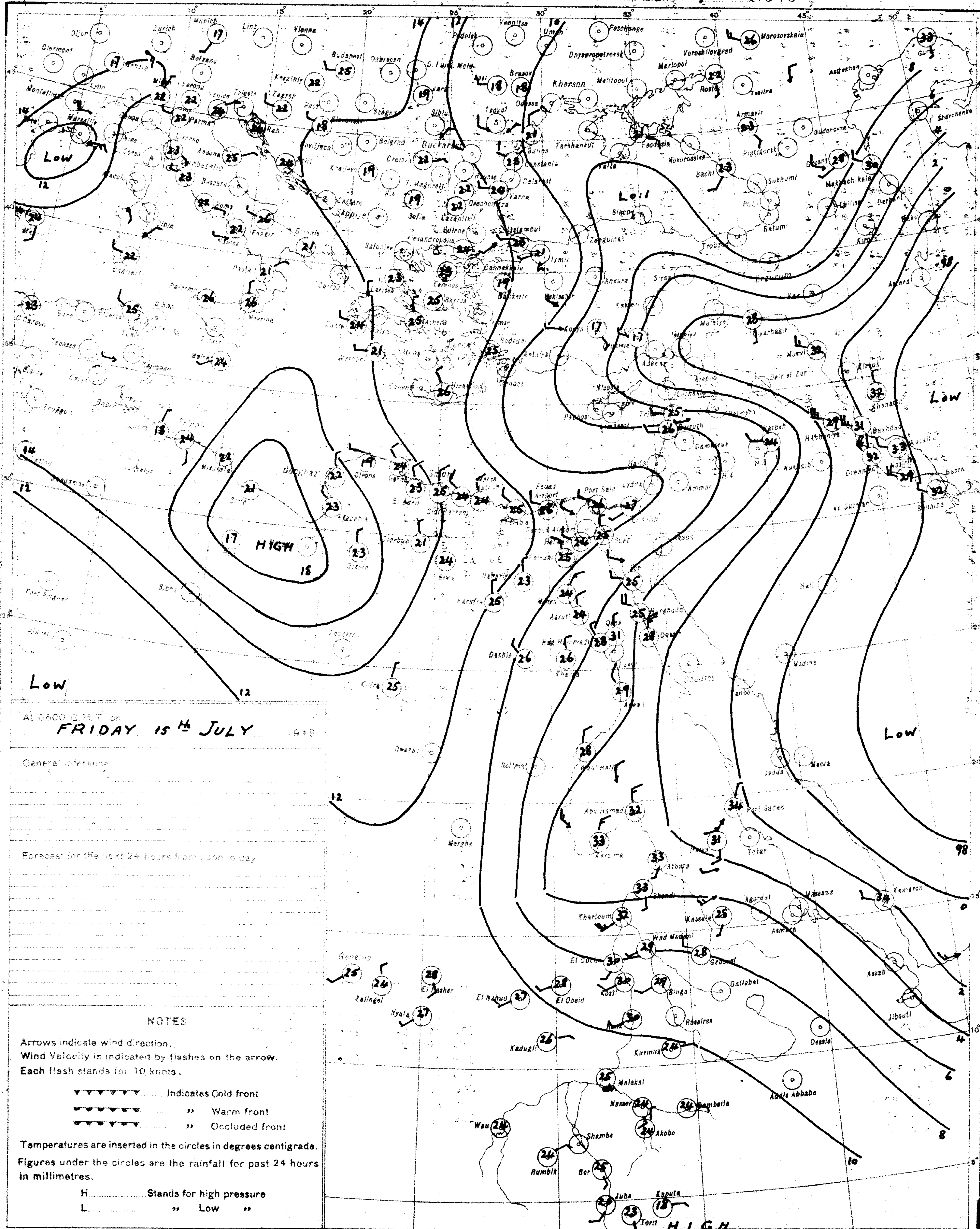
K.N.

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 15 - 7 - 1949



At 0600 G.M.T. on FRIDAY 15th JULY 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
	Squalls	18
During past hour and not at time of observation	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
,, ,, hail		87
Rain } Thunderstorm during		91
Hail } the past hour		93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

Cloudless		
Cirrus	Ci	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 ths ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	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 04 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 : Saturday 16th July , 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.
MEDITERRANEAN	62300	SALÛM	360	6	7	02	0	0	–	12.0	26	70	20
	62303	SÎDI BARÂNI	20	8	50	02	2	8	Cs	13.0	26	74	21
	62306	MATRÛH											
	62309	EL DABÂ	320	7	35	00	0	0	–	12.2	27	62	19
		ALEXANDRIA	310	10	50	02	2	4	Cu,Sc	9.8	26	74	21
	62318	FOUAD (Airport)	340	16	18	02	1	4	Cu	10.2	28	62	20
	62330	DAMIETTA	320	5	15	03	1	5	Cu	9.6	27	62	19
	62333	PORT SAÎD	340	14	30	02	0	1	Sc	9.0	26	70	20
	62386	EL 'ARISH	320	2	35	01	0	1	Cu	9.3	26	84	23
LOWER EGYPT	62339	DAMANHÛR	310	9	15	02	1	1	Cu	10.3	29	59	20
	62342	MANSÛRA	320	5	35	02	1	4	Cu	9.0	31	43	17
	62348	TANTA	270	13	35	01	1	5	Cu	9.3	30	46	17
	62354	ZAGAZIG	320	5	15	00	0	0	–	8.4	32	49	20
	62441	ISMAÎLIA	20	5	15	03	2	5	Sc	9.3	31	38	15
CAIRO AREA	62366	FAROUK (Airport)	360	14	30	03	1	3	St	8.6	30	43	16
	62372	ALMÂZA	360	10	30	03	1	4	Cu	8.2	31	43	17
		EZBEKÎYA	40	5	35	01	0	1	Cu	8.0	31	43	17
		GÎZA	40	5	35	01	0	1	Cu	8.8	31	38	15
	62378	HELWÂN	340	11	15	03	0	5	Cu	7.6	30	35	13
UPPER EGYPT	62381	FAIYÛM	360	5	35	01	0	0	–	7.9	32	28	11
	62387	MINYA	10	16	12	00	0	0	–	7.6	32	28	11
	62393	ASYÛT MANQABAT	340	15	30	00	0	0	–	5.9	33	23	9
	62399	NAG' HAMMADI	270	4	15	00	0	0	–	3.6	33	30	13
	62409	QENA	270	5	50	00	0	0	–	3.1	37	27	15
	62405	LUXOR											
	62414	ASWÂN	270	1	50	00	0	0	–	3.6	35	27	13
OASES	62417	SÎWA											
	62420	BAHARÎYA	300	4	35	02	0	0	–	11.5	32	52	21
	62428	FARAFRA	360	6	35	03	1	0	–	10.6	32	20	6
	62432	DAKHLA	320	6	50	00	0	0	–	7.6	32	28	11
	62436	KHARGA	20	5	35	00	0	0	–	7.2	33	21	8
RED SEA	62450	SUEZ	360	6	35	01	0	0	–	8.8	31	43	17
	62459	TÛR	310	16	35	00	0	0	–		28	70	22
	62462	HURGHADA	330	17		00	0	0	–	4.1	28	66	21
	62465	QUSEIR	360	19	15	02	0	0	–	4.6	30	59	21
	62641	PORT SÛDAN	60	15	7	05	1	1	Ci	1.1	35	63	27
NORTH SUDAN	62600	WÂDI HALFA	320	18	10	07	2	8	Cs	4.1	35	18	7
	62640	ABU HAMAD	270	12	30	01	2	5	Cc	1.1	39	13	6
	62660	KAREIMA	310	9	30	02	2	7	Ac,Cc	1.2	39	14	7
	62680	ATBARA	290	2	30	02	1	1	Cc	0.7	40	11	4
	62721	KHARTÛM	270	10	30	02	1	2	Cu,Cc	3.2	40	17	11
	62780	KASSALA	230	9	30	03	1	7	Cu,Cc	2.9	37	27	15
CENTRAL SUDAN	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	300	8	30	03	1	6	Cu	3.5	36	33	17
	62760	EL FÂSHER	180	3	30	02	1	6	Ci,Cs		36	27	14
	62770	GENEINA	230	7	30	02	2	4	Cu		33	34	15
S. SUDAN	62840	MALAKÂL											
	62880	WÂU											
	62941	JUBA											

At 1800 on Fri 15th

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms
62300	SALÛM	320	4	7	02	0	0	–	11.0	25	54	15	0
62303	SÎDI BARÂNI	320	5	35	01	1	0	–	12.3	23	68	21	0
62306	MATRÛH	360	8			0	2	–	11.1	24	69	18	0
62309	EL DABÂ	320	3				0	–	11.5	24	74	19	0
	ALEXANDRIA	360	13		01	2		Sc,Ac	9.8	24	84	21	0
62318	FOUAD (Airport)	340	13	15	03	1	2	Sc	9.2	24	79	20	0
62330	DAMIETTA	320	5		01	0	2	Cu	8.7	24	84	21	0
62333	PORT SAÎD	320	13	15	02	0	1	Sc	8.5	25	74	20	0
62386	EL 'ARISH	320	5	15	03	0	2	Cu	7.3	24	84	21	0
62339	DAMANHÛR	310	9	15	02	0	0	–	9.8	23	74	18	0
62342	MANSÛRA	320	5		00	1	0	–	9.0	25	70	17	0
62348	TANTA	310	2	35	01	1	4	Cu	10.3	24	54	14	0
62354	ZAGAZIG												
62441	ISMAÎLIA	40	2	7	02	0	0	–	10.7	26	55	16	0
62366	FAROUK (Airport)	340	14	12	00	0	0	–	8.4	26	66	19	0
62372	ALMÂZA	350	13	15	00	1	0	–	8.6	27	62	19	0
	EZBEKÎYA	340	3	15	00	0	0	–	8.6	26	62	18	0
	GÎZA	360	3	15	00	0	0	–	9.9	26	58	16	0
62378	HELWÂN	340	12	7	06	0	0	–	8.6	27	52	16	0
62381	FAIYÛM	360	5	35	02	0	0	–	7.2	30	40	15	0
62387	MINYA	360	10	10	00	0	0	–	6.9	27	45	14	0
62393	ASYÛT MANQABAT												
62399	NAG' HAMMADI	270	2	7	00	0	0	–	3.5	29	35	12	0
62409	QENA	270	5	7	00	0	0	–	3.2	32	28	11	0
62405	LUXOR	300	10	12	00	0	0	–	2.4	32	20	6	0
62414	ASWÂN	360	4	50	00	0	0	–	2.2	33	21	8	0
62417	SÎWA	00	0	7	00	0	0	–	11.2	29	46	16	0
62420	BAHARÎYA	360	2	15	02	0	0	–	8.8	29	29	9	0
62428	FARAFRA	360	2	15	02	0	0	–	9.6	26	30	7	0
62432	DAKHLA	320	2	35	00	0	0	–	7.5	28	33	10	0
62436	KHARGA	20	1	15	00	0	0	–	7.2	30	25	8	0
62450	SUEZ	360	5	7	02	0	0	–	8.2	27	55	17	0
62459	TÛR	310	10	15	00	0	0	–		28	70	22	0
62462	HURGHADA	290	19		00	0	0	–	2.8	29	55	19	0
62465	QUSEIR	360	13	15	02	0	0	–	2.9	28	62	20	0
62641	PORT SÛDAN												
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 16th

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL mms. Total From Oct. 1st.	RAINFALL mms. Normal From Oct. 1st.	STATION
62300	SALÛM	320	5	7	02	0	0	–	10.8		27	28		19		55	17	0			SALUM
62303	SÎDI BARÂNI	290	9	35	03	2	8	Cu,Cc	11.1		24	26		22		84	21	0	278		SÎDI BARÂNI
62306	MATRÛH	340	12	15	02	1	3	Cu	9.6		25	28		20		79	21	0			MATRÛH
62309	EL DABÂ	320	4	35	00	0	0	–	8.6		26			23		74	21	0			EL DABÂ
	ALEXANDRIA	360	10	50	01	2	0	–	8.3	-1.4	25	28	-2	23	0	74	20	0	267	186	ALEXANDRIA
62318	FOUAD (Airport)	360	9	18	03	1	4	Sc	8.0		26	29		23		74	21	0	265	138	FOUAD (Airport)
62330	DAMIETTA	340	2	7	02	0	2	Cu	8.3	-1.4	25	28		18		74	20	0	319	106	DAMIETTA
62333	PORT SAÎD	20	3	18	01	0	4	Sc	7.8		26	27		24		70	20	0	72		PORT SAÎD
62386	EL 'ARISH	00	0	35	01	0	1	Cu	8.0	-0.8	28	27	-3	19	-1	52	17	0		94	EL 'ARISH
62339	DAMANHÛR	40	9	15	03	1	2	Cu	8.6	-0.3	25	30	-3	19	-1	74	20	0	102	101	DAMANHÛR
62342	MANSÛRA	360	5		02	0	3	Cu	8.2	-0.6	25	31	-4	20	0	74	20	0	49	55	MANSÛRA
62348	TANTA	310	5	35	02	1	0	–	9.0	-0.4	25	30	-5	16	-3	70	19	0	34	44	TANTA
62354	ZAGAZIG	320	5	7	03	1	6	Ac	8.6	-0.8	26			20	+1	70	20	0	21	27	ZAGAZIG
62441	ISMAÎLIA	20	2	7	00	2	6	Sc	8.0		26	32		21		70	20	0	14		ISMAÎLIA
62366	FAROUK (Airport)	360	3	10	02	2	5	Sc	8.0		24	32		21		79	20	0			FAROUK (Airport)
62372	ALMÂZA											32									ALMÂZA
	EZBEKÎYA	360	3	15	01	0	4	Cu	8.0	-1.2	24	32	-4	21	-1	74	19	0	8	26	EZBEKÎYA
	GÎZA	360	3	15	01	0	4	Cu	8.6	-0.6	25	31	-4	20	+1	69	19	0	16	27	GÎZA
62378	HELWÂN	360	11	15	01	1	3	Sc	7.6	-1.5	24	32	-3	21	0	69	18	0	16	29	HELWÂN
62381	FAIYÛM	300	5	35	03	1	6	Sc	8.6	-0.4	24			21	0	74	19	0	8	8	FAIYÛM
62387	MINYA	10	15	10	00	0	2	Sc	7.7		24	33		19		69	18	0	5		MINYA
62393	ASYÛT MANQABAT	310	8	30	00	0	1	Cu	7.7		24			20		61	16	0	Dr.		ASYÛT MANQABAT
62399	NAG' HAMMADI	90	4		00	0	0	–	5.6	-1.6	27	34		21		62	19	0	0		NAG' HAMMÂDI
62409	QENA	240	5	35	00	0	0	–	4.7	-2.0	28	41	0	22	-2	52	17	0	Dr.		QENA
62405	LUXOR											38							Dr.		LUXOR
62414	ASWÂN	340	9	50	00	8	0	–	5.3	-1.8	31	36	-5	26	0	43	17	0	2		ASWÂN
62417	SÎWA	00	0	35	00	0	0	–	12.2	+0.4	26	35	-3	20	-1	70	20	0	1	8	SÎWA
62420	BAHARÎYA	360	3	35	02	0	0	–	9.9	0.0	25	33	-4	20	0	70	19	0	Dr.	7	BAHARÎYA
62428	FARAFRA	360	8	15	02	0	0	–	10.3		24	33		19		74	19	0	Dr.		FARAFRA
62432	DAKHLA	320	6	35	00	0	0	–	9.3	+0.5	25	33	-6	21	-2	54	15	0	Dr.		DAKHLA
62436	KHARGA	20	4	35	00	0	0	–	7.9	+0.1	25	34	-6	23	0	48	13	0	0		KHARGA
62450	SUEZ	00	0	35	00	0	0	–	7.9	-0.3	26	33	-3	22	-1	62	18	0	12	17	SUEZ
62459	TÛR	310	10	35	00	0	0	–	4.9	-1.0	26	30	-4	24	0	74	21	0	Dr.	13	TÛR
62462	HURGHADA	300	22		00	0	0	–	3.8		25	29		22		74	20	0	7		HURGHADA
62465	QUSEIR	360	17	15	02	0	0	–	3.6	-2.6	28	31	-3	25	-1	58	19	0	0	4	QUSEIR
62641	PORT SÛDAN	90	2	30	01	2	1	Ac	3.9		33	37		25		50	21	0	40	99	PORT SÛDAN
62600	WÂDI HALFA	360	3	30	00	0	0	–	6.5		27	37		22		28	7	0	27		WÂDI HALFA
62640	ABU HAMAD	360	1	30	03	1	0	–	4.8		29	40		23		20	4	0			ABU HAMAD
62660	KAREIMA	340	9	35	00	1	0	–	6.3		30	40		23		22	6	0	6	6	KAREIMA
62680	ATBARA	340	5	30	00	0	0	–	5.6		31	42		26		24	8	0	8	18	ATBARA
62721	KHARTÛM	130	6	30	01	0	0	–	6.5		29	42		28		27	16	0	14	43	KHARTÛM
62780	KASSALA	200	7	30	00	2	0	–	8.1		27	40		24		58	18	4	102	95	KASSALA
62751	WÂD MEDANI	180	9	50	01	1	4	Cs			27	37		25		58	18	1	99	115	WÂD MEDANI
62801	RENK	240	5	50	02	6	8	As			21	36		20		94	21	57		230	RENK
62802	ROSEIRES	130	2	15	65	6	8	As	10.2		20	34		19		88	18	35	163	339	ROSEIRES
62771	EL OBEID	250	11	30	03	0	3	Ac,Cc	8.2		27	37		25		58	18	0	63	116	EL OBEID
62760	EL FÂSHER	360	3	30	01	1	5	Ac			25	38		22		70	19	3	26	72	EL FÂSHER
62770	GENEINA	290	10	30	02	2	8	Ac			23	36		22		74	18	0		150	GENEINA
62840	MALAKÂL	180	14	10	81	6	8	Ns	10.6		22	32		22		94	22	3	590	411	MALAKÂL
62880	WÂU	270	5	30	62	1	8	Sc,As	11.4		22	33		21		84	19	6	569	630	WÂU
62941	JUBA	340	2	10	60	6	8	Ns	12.7		22	33		21		94	22	8	464	666	JUBA

HUMIDITY

Mean of day

STATION	on 15th	Diff. from normal
Alexandria	78	+3
Ezbekîya	62	+3
Gîza	54	-5
Helwân	56	+8

GÎZA
GRASS MINIMUM TEMP.
ON 16th °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 16th At 3

PRESSURE mbs	HEIGHT ABOVE M.S.L. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	185	20	15	330	3
950					
900					
850	1457	17	39	360	13
800					
700	3101	11		120	3
600					
500	5830	-2		270	4
400		-11			
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 15th

HEIGHT m.	Matruh TIME 15 DIR.	Matruh VEL.			Foad Ap. TIME 15 DIR.	Foad Ap. VEL.			Minya TIME 15 DIR.	Minya VEL.			Hurghad TIME 15 DIR.	Hurghad VEL.										
300	320	24			320	26			350	23			340	33										
600	340	16			320	27			360	30			330	36										
1000	340	17			330	25			360	40			330	22										
1500	360	20			330	15			360	31			310	14										
2000	350	12			310	12			360	35			180	4										
3000	360	13			340	22							160	16										
4000	330	13											160	19										
5000													90	1										
6000																								
7000																								
8000																								

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

UPPER WIND OBSERVATIONS on 16th

HEIGHT m.	SÎDI BARÂNI TIME 9 DIR.	SÎDI BARÂNI VEL.	MATRÛH TIME 4 DIR.	MATRÛH VEL.	FOUAD AIRPORT TIME 3 DIR.	FOUAD AIRPORT VEL.	PORT SAÎD TIME 3 DIR.	PORT SAÎD VEL.	EL 'ARÎSH DIR.	EL 'ARÎSH VEL.	HELWÂN TIME 10 DIR.	HELWÂN VEL.	MINYA TIME 3 DIR.	MINYA VEL.	ASYÛT MANQABAT TIME 9 DIR.	ASYÛT MANQABAT VEL.	LUXOR DIR.	LUXOR VEL.	ASWÂN TIME 9 DIR.	ASWÂN VEL.	HURGHADA TIME 9 DIR.	HURGHADA VEL.	Farouk Afs TIME 3 DIR.	Farouk Afs VEL.
300	320	8	310	18	340	10	320	7			340	5	320	21	330	18			330	35	330	35	360	11
600	330	6	340	15	330	13	10	5			10	9	360	31	320	20			340	9	310	19	10	13
1000	350	7	340	16	330	13	10	4			30	10	350	24	350	20			360	17	310	19	360	14
1500	350	9	330	26	330	16					40	10	350	23	10	22			320	4	290	7	360	13
2000	340	5	350	22							20	4	360	16	30	8			360	4	170	8	360	7
3000	350	6									210	8			320	1			100	13	140	30	120	3
4000	330	3													190	6			170	14	160	36		
5000																							260	10
6000																							240	12
7000																								
8000																								

HEIGHT m.	SÎWA TIME 9 DIR.	SÎWA VEL.	BAHARÎYA TIME 9 DIR.	BAHARÎYA VEL.	DAKHLA TIME 9 DIR.	DAKHLA VEL.	KHARGA TIME 7 DIR.	KHARGA VEL.	WÂDI HALFA DIR.	WÂDI HALFA VEL.	ABÛ HAMAD DIR.	ABÛ HAMAD VEL.	KAREIMA DIR.	KAREIMA VEL.	KHARTÛM DIR.	KHARTÛM VEL.	KASSALA TIME 4 DIR.	KASSALA VEL.	EL OBEID DIR.	EL OBEID VEL.	EL FÂSHER DIR.	EL FÂSHER VEL.	MALAKÂL TIME 4 DIR.	MALAKÂL VEL.
300	290	9	360	18	10	25	360	11									180	5						
600	280	10	350	16	360	9	10	13									180	11					210	20
1000	340	11			330	5	10	20									230	19					220	15
1500	360	19			350	35											270	20					220	14
2000	10	23			330	35											300	6						
3000	350	24															320	14						
4000																								
5000																								
6000																								
7000																								
8000																								

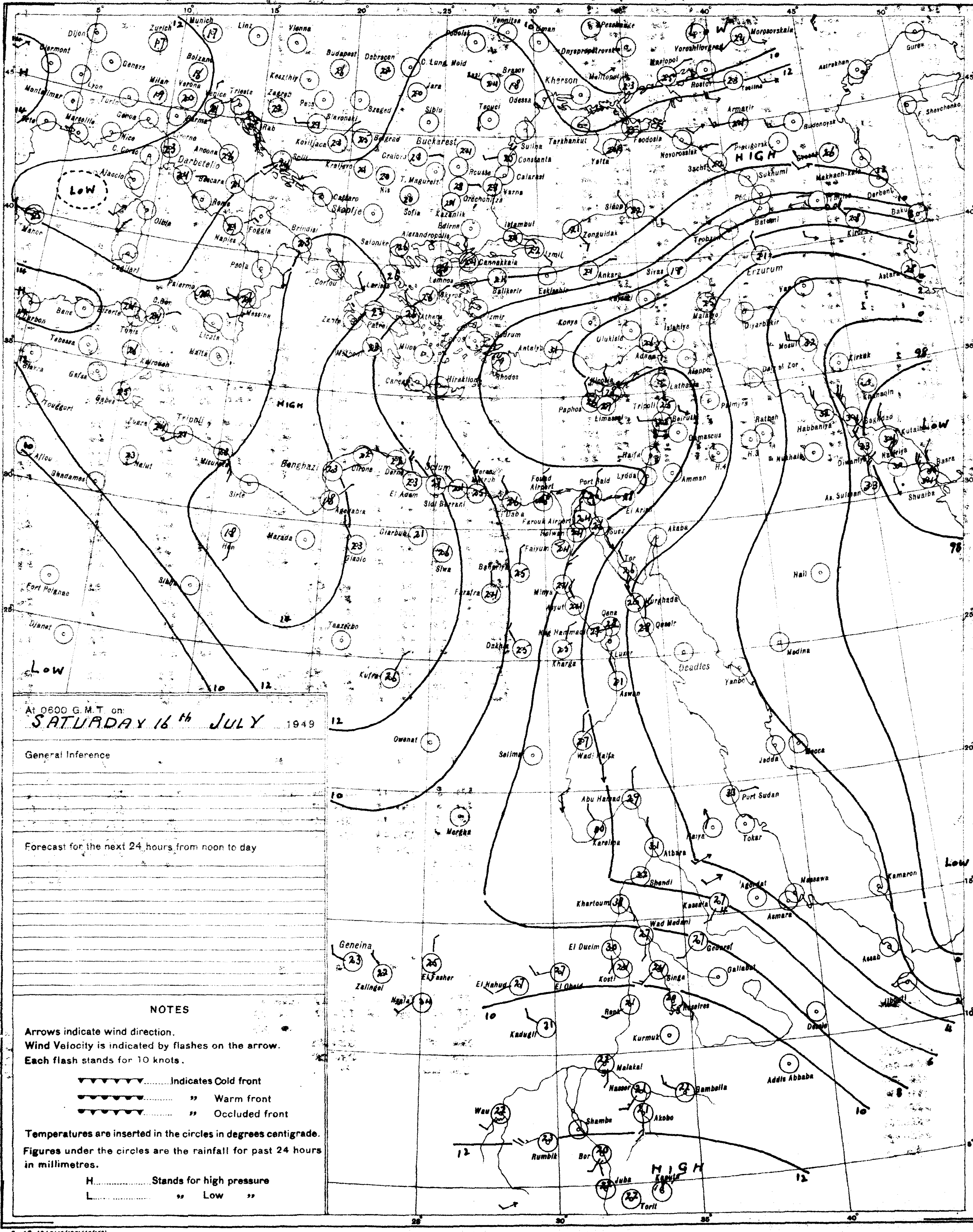
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

K.N.

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 16. 7. 1949



At 0600 G.M.T. on: *SATURDAY 16th JULY* 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 } Thunderstorm during		91
Hail } the past hour		93
Thunderstorm with rain		95
„ „ hail		96
„ „ Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

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

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 05 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 : Sunday 17th July , 1949

At 1200 on Sat 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											
	62303	SÎDI BARÂNI	320	9	35	02	2	8	Cs	10.7	26	84	23
	62306	MATRÛH	360	13		00	1	0	–	9.4	28	62	20
	62309	EL DABA	340	6	35	00	0	0	–	8.3	27	79	23
		ALEXANDRIA	360	9	50	03	2	0	–	7.9	27	70	21
	62318	FOUAD (Airport)	340	13	18	02	0	2	Sc	7.9	28	70	22
	62330	DAMIETTA	360	2	15	00	0	0	–	7.4	29	57	20
	62333	PORT SAÏD	350	11	30	01	0	0	–	6.8	27	62	19
	62336	EL 'ARISH	320	5	35	01	0	0	–	7.5	27	62	19
LOWER EGYPT	62339	DAMANHUR	40	9	15	02	1	3	Cu	7.8	31	52	20
	62342	MANSURA	20	5	3	00	1	0	–	6.6	32	43	18
	62348	TANTA	360	5	35	02	0	0	–	6.7	32	28	16
	62354	ZAGAZIG	320	5	15	00	1	0	–	7.2	32	49	20
	62441	ISMAÏLIA	20	5	35	02	0	0	–	5.8	33	30	13
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMÂZA											
		EZBEKIYA	360	4	35	00	0	0	–	6.0	32	41	17
		GÎZA	360	4	35	00	0	0	–	7.1	31	42	17
	62378	HELWÂN	340	6	35	02	0	0	–	5.6	33	30	13
UPPER EGYPT	62381	FAIYÛM	20	5	35	01	0	0	–	5.8	32	34	14
	62387	MINYA	360	15	12	00	0	0	–	5.6	34	32	15
	62393	ASYÛT MANQABAT	300	15	30	00	0	0	–	4.7	33	32	14
	62399	NAG' HAMMÂDI	390	3	7	00	0	0	–	3.4	33	44	19
	67402	QENA	270	5	50	00	0	0	–	2.8	37	27	15
	62405	LUXOR											
	62414	ASWÂN	270	2	50	00	0	0	–	2.8	39	23	14
OASES	62417	SÎWA	00	0	35	00	0	0	–	11.5	36	42	21
	62420	BAHARÎYA	360	3	35	02	0	0	–	7.8	34	27	12
	62423	FARAFRA	360	9	35	02	0	0	–	8.7	34	27	13
	62432	DAKHLA	320	2	50	00	0	0	–	6.0	32	28	11
	62435	KHARGA	20	2	35	00	0	0	–	5.6	34	23	9
RED SEA	62450	SUEZ	360	11	35	02	0	0	–	4.8	32	38	16
	62459	TÛR	310	9	35	00	0	0	–	3.5	29	79	25
	62462	HURGHADA	330	14		00	0	0	–	2.6	28	70	22
	62465	QUSEIR	20	9	15	02	0	0	–	3.1	30	70	24
	62641	PORT SUDAN	50	12	10	02	0	1	Ci	1.1	35	39	19
NORTH SUDAN	62600	WÂDI HALFA	350	13	30	02	0	2	Ci	4.5	35	20	9
	62640	ABU HAMAD	310	2	30	01	0	1	Ci	2.5	37	13	4
	62660	KAREIMA	310	9	30	00	0	1	Ci	3.5	37	14	6
	62680	'ATBARA	290	9	30	02	2	8	Cs	1.4	39	12	5
	62721	KHARTÛM											
	62730	KASSALA	270	2	30	03	1	4	Cu,Ci	2.9	36	31	16
CENTRAL SUDAN	62751	WÂD MEDANI	230	9	35	01	1	4	Cu	3.8	38	25	15
	62801	RENK											
	62802	ROSEIRES	180	13	15	03	1	8	Cu	10.0	28	66	21
	62771	EL OBEID	200	19		80	2	8	Cb,Ac	5.8	33	36	16
	62760	EL FÂSHER	50	7	30	14	1	4	Sc		34	14	3
	62770	GENEINA	270	9	30	02	1	7	Cu,Ac		30	46	17
S SUDAN	62840	MALAKÂL	150	3	30	02	1	8	Cu,Ac	11.0	27	70	21
	62880	WÂU	310	2	10	02	2	8	Sc	11.4	26	79	22

At 1800 on Sat 16th

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST 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	02	0	0	–	10.4	26	62	18	0
62303	SÎDI BARÂNI	320	4	35	01	1	0	–	10.7	24	94	23	0
62306	MATRÛH	360	3	12	00	0	0	–	9.9	24	88	22	0
62309	EL DABA	320	5				0	–	7.0	24	94	21	0
	ALEXANDRIA	20	5		02	2	0	–	8.8	25	74	20	0
62318	FOUAD (Airport)	340	7	12	02	0	1	Sc	7.9	24	94	23	2
62330	DAMIETTA	340	2		02	0	0	–	9.3	25	74	20	0
62333	PORT SAÏD												
62336	EL 'ARISH	360	2	15	02	0	0	–	7.4	25	74	20	0
62339	DAMANHUR	40	5	7	02	0	0	–	8.3	25	70	19	0
62342	MANSURA	40	2		00	0	0	–	7.4	26	70	20	0
62348	TANTA	310	2	35	02	0	0	–	8.3	25	70	19	0
62354	ZAGAZIG	40	5		00	0	0	–	7.6	27	62	19	0
62441	ISMAÏLIA	20	2	7	02	0	0	–	7.1	27	55	17	0
62366	FAROUK (Airport)												
62372	ALMÂZA												
	EZBEKIYA	360	4	15	00	0	0	–	6.3	29	52	18	0
	GÎZA	360	4	15	00	0	0	–	7.4	29	51	18	0
62378	HELWÂN	360	7	15	02	0	0	–	6.3	30	40	15	0
62381	FAIYÛM	00	0	35	02	0	0	–	5.1	31	31	12	0
62387	MINYA	10	00	0	00	0	0	–	5.5	28	45	15	0
62393	ASYÛT MANQABAT												
62399	NAG' HAMMÂDI	00	0		00	0	0	–	3.5	28	58	19	0
67402	QENA	240	9	7	00	0	0	–	3.1	31	43	17	0
62405	LUXOR												
62414	ASWÂN												
62417	SÎWA	00	0	7	00	0	0	–	10.0	32	49	20	0
62420	BAHARÎYA	360	4	15	02	0	0	–	7.5	30	40	15	0
62423	FARAFRA	320	2	15	02	0	0	–	7.8	29	29	9	0
62432	DAKHLA	320	2	35	00	0	0	–	6.6	30	31	11	0
62435	KHARGA	00	0	15	00	0	0	–	5.9	30	31	11	0
62450	SUEZ	360	5	7	02	0	0	–	6.4	28	52	17	0
62459	TÛR	310	5	15	00	0	0	–		27	70	21	0
62462	HURGHADA	270	10		00	0	0	–	2.4	28	70	22	0
62465	QUSEIR	20	9	15	02	0	0	–	3.6	28	70	22	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 Sunday 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.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL mms. Total From Oct. 1st.	RAINFALL mms. Normal From Oct. 1st.
62300	SALUM	270	11	7	02	0	0	–	10.8		25	30		19		74	20	0		
62303	SÎDI BARÂNI	290	9	35	03	2	8	Sc,Cs	11.4		25	27		20		84	22	0	278	
62306	MATRÛH	340	9	15	03	1	5	Sc	10.7		25	29		19		84	22	0		
62309	EL DABA	320	5	35	00	0	0	–	10.2		27	27		22		70	21	0		
	ALEXANDRIA	20	5	50	00	0	0	–	9.9	+0.3	25	29	-1	23	0	74	20	0	267	186
62318	FOUAD (Airport)	350	7	14	02	0	0	–	9.4		26	29		22		74	21	0	263	138
62330	DAMIETTA	340	2	7	00	0	0	–	9.4	+0.8	27	29		20		79	23	0	319	196
62333	PORT SAÏD	320	4	18	02	1	0	–	8.9		27			25		70	21	0	72	
62336	EL 'ARISH	320	2	35	03	1	1	Cu	8.7	0.0	28	28	-2	20	0	70	22	0		94
62339	DAMANHUR	40	5	7	02	0	0	–	9.6	+0.7	26	32	-1	20	0	74	21	0	192	104
62342	MANSURA	360	5	35	00	0	0	–	9.4	+0.6	27	34	-1	21	+1	70	21	0	49	56
62348	TANTA	310	2	35	03	0	0	–	10.0	+0.3	26	33	-2	17	-2	74	21	0	34	44
62354	ZAGAZIG	220	5	7	00	0	0	–	9.8	+0.4	26	34	-1	20	+1	74	21	0	21	27
62441	ISMAÏLIA	290	2	7	02	0	0	–	8.8		27	34		21		70	21	0	14	
62366	FAROUK (Airport)	20	2	6	01	1	6	Sc	10.3		22			19		89	20	0		
62372	ALMÂZA	360	4	10	01	2	7	Sc	9.3	+0.2	23			20		89	21	0		
	EZBEKIYA	360	2	7	01	0	5	Sc	9.6	+0.5	24	33	-3	21	-1	84	21	0	8	26
	GÎZA	360	2	7	01	0	5	Sc	9.8	+0.7	24	33	-2	20	+1	83	21	0	16	27
62378	HELWÂN	320	8	7	00	0	0	–	9.0	0.0	23	33	-2	21	0	84	20	0	16	29
62381	FAIYÛM	360	5	35	02	0	0	–	9.4	+0.4	25	34	-3	21	0	70	19	0	8	8
62387	MINYA	20	14	10	00	0	0	–	8.5		25	35		21		70	19	0	5	
62393	ASYÛT MANQABAT																		Dr.	
62399	NAG' HAMMÂDI	00	0	7	00	0	0	–	6.8	-0.4	30	35		21		52	19	0	0	
67402	QENA	240	5	35	00	0	0	–	6.6	-0.1	27	37	-1	24	0	55	17	0	Dr.	
62405	LUXOR																		Dr.	
62414	ASWÂN	360	3	50	01	1	3	Ci	7.1	0.0	34			26	0	39	18	0	2	
62417	SÎWA	320	5	35	00	0	0	–	12.8	+1.1	26	36	-2	20	-1	70	20	0	1	8
62420	BAHARÎYA	360	3	35	02	0	0	–	9.9	0.0	24	35	-2	20	0	84	21	0	Dr.	7
62423	FARAFRA	360	4	15	02	0	0	–	10.7		26	34		21		55	16	0	Dr.	
62432	DAKHLA	320	6	35	00	0	0	–	8.8	0.0	28	34	-5	22	-1	27	7	0	Dr.	
62435	KHARGA	360	1	35	00	0	0	–	8.3	+0.5	28	35	-5	23	0	52	17	0	0	
62450	SUEZ	00	0	35	00	0	0	–	9.1	+0.9	27	34	-2	22	-1	70	21	0	12	17
62459	TÛR	310	8	35	00	0	0	–	7.1	+1.3	26	32	-2	23	-1	84	23	0	Dr.	13
62462	HURGHADA	300	16		00	0	0	–	6.6		26	29		25		70	20	0	7	
62465	QUSEIR	360	9	15	02	0	0	–	5.7	-0.2	30	31	-3	25	-1	52	19	0	0	4
62641	PORT SUDÂN	110	6	30	03	1	4	Ac,Ci	5.3		31	37		24		56	23	0	40	99
62600	WÂDI HALFA	00	0	30	03	1	6	Ci	8.3		27	37		21		25	7	0	27	
62640	ABU HAMAD	310	2	30	01	1	1	Ac,Cs	6.9		30	38		24		18	3	0		
62660	KAREIMA	00	0	30			0	–	5.3		33	39		23		20	7	0	6	7
62680	'ATBARA	230	5	30	02	0	1	Ci			29	40		26		23	6	0	5	19
62721	KHARTÛM	210	13	30	01	2	7	Ac	9.6		28	41		27		58	19	0	14	45
62730	KASSALA																	6	102	98
62751	WÂD MEDANI	230	19	50	02	1	4	Cs	11.5		26	40		23		58	17	0	99	120
62801	RENK																	0		234
62802	ROSEIRES	230	2	3	02	2	8	St,C			23	29		20		84	20	0	263	345
62771	EL OBEID																	0	63	120
62760	EL FÂSHER	310	5	30	11	0	3	Ac			25	36		21		54	15	Dr.	26	75
62770	GENEINA	00	0	30	01	2	4	Ac			22	32		20		83	19	7		156
62840	MALAKÂL	90	4	30	02	6	8	Sc	15.0		22	24		19		79	18	60	650	417
62880	WÂU	00	0	30	02	1	8	Ac	12.8		22	27				94	21	6	675	636
62941	JUBA	00	0	30	00	0	8		8.0		22					94	21	0	468	670

HUMIDITY

Mean of day %

STATION	on 16th	Diff. from normal
Alexandria	78	+3
Ezbekiya	60	+1
Giza	56	-3
Helwan	49	+1

GÎZA

GRASS MINIMUM TEMP.

ON 17th 15.1 °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 17th At 3

PRESSURE mbs	HEIGHT ABOVE M.S.L. Metres	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000		20	88	00	0
950					
900					
850	1468	19		40	10
800					
700	3114	11		190	14
600					
500	5847	-2		180	29
400		-5			
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 16th

HEIGHT m.	Matruh TIME 14 30 DIR.	Matruh VEL.			Fouad A.P. TIME 15 DIR.	Fouad A.P. VEL.			Port Said TIME 15 DIR.	Port Said VEL.			Minya TIME 15 DIR.	Minya VEL.			Hurghada TIME 15 DIR.	Hurghada VEL.						
300	340	19			340	11			360	12			350	20			340	23						
600	340	22			330	13			10	12			350	18			340	23						
1000	340	23			90	5			10	8			340	23			290	10						
1500	360	19			360	14			350	8							320	11						
2000	10	16			150	6			270	2							280	12						
3000	330	15			320	5											250	19						
4000																								
5000																								
6000																								
7000																								
8000																								

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

UPPER WIND OBSERVATIONS on 17th

HEIGHT m.	SÎDI BARÂNI TIME 9 DIR.	SÎDI BARÂNI VEL.	MATRÛH TIME 5 15 DIR.	MATRÛH VEL.	FOUAD AIRPORT DIR.	FOUAD AIRPORT VEL.	PORT SAÏD TIME 4 DIR.	PORT SAÏD VEL.	EL 'ARÎSH DIR.	EL 'ARÎSH VEL.	HELWÂN TIME 9 DIR.	HELWÂN VEL.	MINYA TIME 3 DIR.	MINYA VEL.	ASYÛT MANQABÂD DIR.	ASYÛT MANQABÂD VEL.	LUXOR DIR.	LUXOR VEL.	ASWÂN TIME 9 DIR.	ASWÂN VEL.	HURGHADA TIME 9 DIR.	HURGHADA VEL.	Farouk TIME 3 DIR.	Farouk VEL.
300	310	12	300	15			330	3			340	11	360	22							330	2	30	9
600	320	9					350	9			360	18	360	25					350	3	310	16	20	13
1000	330	8					340	6			10	19	340	16					340	3	320	11	10	15
1500	350	8					40	10			50	10	340	16					250	12	280	7	40	10
2000	20	6					20	3					350	4					210	13	250	15	90	6
3000	360	7					200	10											210	18	200	22	190	14
4000	340	5																	200	11	190	22	180	17
5000	50	3																	180	19				
6000																							190	16
7000																								
8000																								

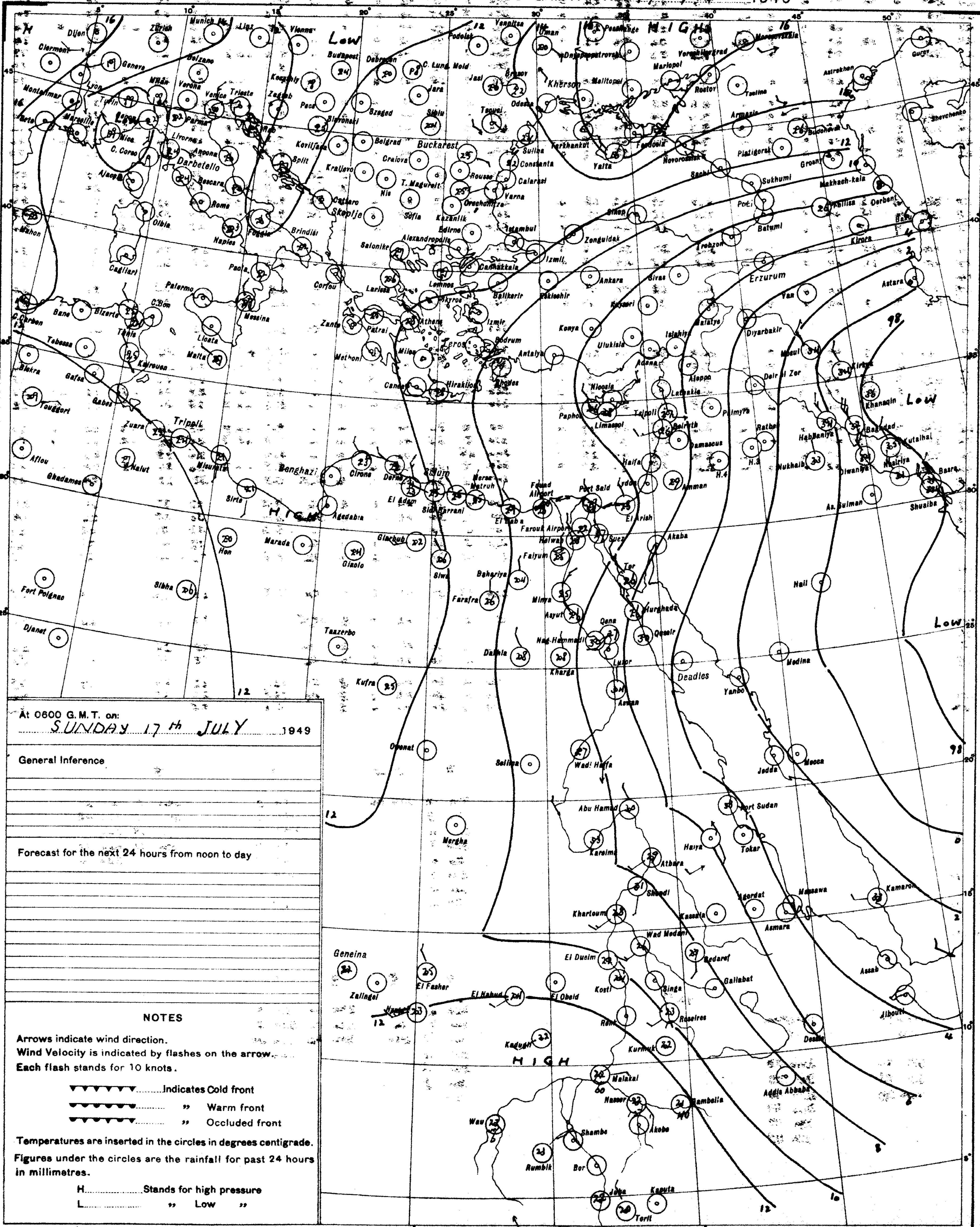
HEIGHT m.	SÎWA TIME 9 DIR.	SÎWA VEL.	BAHARÎYA TIME 9 DIR.	BAHARÎYA VEL.	DAKHLA TIME 9 DIR.	DAKHLA VEL.	KHARGA TIME 7 DIR.	KHARGA VEL.	WÂDI HALFA DIR.	WÂDI HALFA VEL.	ABU HAMAD DIR.	ABU HAMAD VEL.	KAREIMA DIR.	KAREIMA VEL.	KHARTÛM DIR.	KHARTÛM VEL.	KASSALA TIME 3 30 DIR.	KASSALA VEL.	EL OBEID TIME 3 30 DIR.	EL OBEID VEL.	EL FÂSHER TIME 4 45 DIR.	EL FÂSHER VEL.	MALAKÂL TIME 4 DIR.	MALAKÂL VEL.
300	320	6	360		330	10	20	9																
600	340	7	10		330	16	350	8									160	56					160	7
1000	360	11	260		350	18	330	10											250	21	310	13	220	8
1500	350	18					340	22											290	16	320	26	240	18
2000	340	16																						
3000	350	8																	40	11	40	8		
4000	10	7																			70	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.

K.N.

Note: All times G. M. T.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 17 7 1949



At 0600 G.M.T. on:
SUNDAY 17th JULY 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

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

Cloud	Abbr.	Code
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

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

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 05 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 18th July , 1949

At 1200 on Sun. 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
NORTH MEDITERRANEAN	62300	SALÛM	360	15	7	02	0	8	-	12.5	30	52	19
	62303	SIDI BARÂNI	320	3	35	02	2	3	Cs	12.6	27	79	23
	62306	MATRÛH											
	62309	EL DABA	320	6	35	00	0	0	-	11.9	28	70	22
		ALEXANDRIA	360	10	50	00	0	0	-	9.9	27	66	20
	62312	FOUAD (Airport)	340	14	18	02	0	0	-	10.1	28	62	20
	62330	DAMIETTA	340	2	15	00	0	0	-	9.4	30	52	19
	62332	PORT SAÏD	350	10	30	02	0	0	-	9.0	28	62	20
	62336	EL 'ARISH	320	2	35	01	0	0	-	8.8	28	84	25
CENTRAL EGYPT	62339	DAMANHUR	360	13	15	02	6	0	-	10.4	31	52	20
	62342	MANSURA	40	13	35	00	0	0	-	9.0	35	32	16
	62348	TANTA	310	8	35	02	0	0	-	9.4	34	36	17
	62354	ZAGAZIG	320	5	15	00	0	0	-	9.4	34	47	21
	62441	ISMAÏLIA	360	2	35	02	0	0	-	7.9	35	29	14
UPPER EGYPT	62360	FAROUK (Airport)											
	62372	ALMAZA	340	7	30	00	0	0	-	8.1	34	41	19
		EZBEKIYA	360	4	35	00	0	0	-	8.4	34	32	15
		GIZA	360	4	35	00	0	0	-	9.1	34	34	15
	62378	HELWÂN	320	11	15	06	0	0	-	7.9	34	27	12
	62381	FAIYUM	360	8	35	02	0	0	-	7.9	35	19	8
	62387	MINYA	20	11	12	00	0	0	-	7.9	35	29	14
	62393	ASYÛT MANQABAD	300	8	30	00	0	0	-	7.5	34	18	8
	62399	NAG' HAMMADI	290	2	15	00	0	0	-	6.3	35	37	18
	62402	QENA	270	5	50	00	0	0	-	5.5	40	16	10
	62405	LUXOR											
	62414	ASWÂN	00	0	50	01	1	4	Ci	5.4	38	24	14
OASES	62417	SIWA	40	3	35	00	0	0	-	12.8	35	56	25
	62420	BAHARIYA	360	4	35	02	0	0	-	8.4	34	27	12
	62423	FARAFRA	360	5	35	02	1	1	As	10.0	30	31	11
	62432	DAKHLA	320	6	50	03	0	0	-	7.9	34	22	9
	62435	KHARGA	00	0	35	00	0	0	-	7.4	36	25	13
RED SEA	62450	SUEZ	360	8	35	02	0	0	-	7.4	34	47	21
	62459	TOR	310	9	35	00	0	0	-	6.4	31	66	24
	62462	HURGHADA	340	10		00	0	0	-	5.5	28	79	24
	62465	QUSEIR	360	5	15	02	0	0	-	6.0	30	55	24
	62641	PORT SUDAN	100	10	10	07	0	6	Ac, Ci	3.4	37	40	21
NORTH SUDAN	62600	WÂDI HALFA	320	5	30	03	1	4	Ci	6.6	37	18	9
	62640	ABU HAMAD	270	3	30	03	1	4	Ci	4.7	38	11	3
	62660	KAREIMA	270	8	30	00	0	1	Ci	5.9	38	12	3
	62680	ATBARA	180	5	30	01	0	1	Ac	4.2	39	14	7
	62721	KHARTUM	220	5	30	03	1	7	Cu, Ci	6.4	37	24	13
	62730	KASSALA	230	5	30	02	1	6	Cu	7.4	35	35	17
CENTRAL SUDAN	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	280	9	30	02	1	6	Cu, Ac	7.2	34	36	17
	62760	EL FASHER	360	8	30	01	1	5	Sc, Ac		36	17	7
	62770	GENEINA											
S. SUDAN	62840	MALAKÂL	200	3	30	03	2	8	Sc, Ac	11.5	29	66	22
	62880	WAU	00	0	30	02	1	7	Sc, Ac	11.5	26	79	21
	62941	JUBA	90	2	30	02	8	8	St, As	13.1	25	79	21

At 1800 on Sund 17th

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms
SALÛM	320	10	7	02	0	0	-	11.9	26	70	20	0
SIDI BARÂNI	320	8	35	02	2	8	Cs	12.6	24	94	23	0
MATRÛH	340	6	12	00	0	0	-	11.8	25	84	22	0
EL DABA	320	4	15	00	0	0	-	11.1	26	70	20	0
ALEXANDRIA	310	5		00	0	0	-	10.7	25	84	22	0
FOUAD (Airport)	340	10	12	02	0	0	-	10.1	25	79	21	0
DAMIETTA	320	2		00	0	0	-	9.9	26	84	23	0
PORT SAÏD	330	12	14	02	0	0	-	9.2	26	79	22	0
EL 'ARISH			15	02	0	0	-		28	70	22	0
DAMANHUR	360	9	15	02	0	0	-	10.3	24	74	19	0
MANSURA	360	5		00	0	0	-	9.4	27	62	19	0
TANTA	00	0	35	02	0	0	-	9.3	27	62	19	0
ZAGAZIG	40	5		00	0	0	-	9.6	28	62	26	0
ISMAÏLIA	360	2	15	02	0	0	-	9.0	28	58	19	0
FAROUK (Airport)												
ALMAZA												
EZBEKIYA	360	4	15	00	0	0	-	9.1	30	43	16	0
GIZA	360	4	15	00	0	0	-	9.8	29	47	16	0
HELWÂN	340	5	7	06	0	0	-	7.8	30	40	15	0
FAIYUM	00	0	35	02	0	0	-	7.9	32	28	11	0
MINYA	10	10	10	00	0	0	-	7.5	28	42	14	0
ASYÛT MANQABAD									29	46	16	0
NAG' HAMMADI	00	0		00	0	0	-	5.8				
QENA	270	5	7	00	0	0	-	6.0	32	34	14	0
LUXOR												
ASWÂN	360	4	50	01	1	2	Ci	4.7	35	19	8	0
SIWA	00	0	35	00	0	0	-	11.4	31	59	22	0
BAHARIYA	360	4	15	02	0	0	-	9.1	30	35	13	0
FARAFRA	320	3	15	01	1	1	As	10.0	30	31	11	0
DAKHLA	290	10	35	00	0	0	-	8.0	31	28	10	0
KHARGA	00	0	15	00	0	0	-	7.8	30	31	11	0
SUEZ	360	8	7	02	0	0	-	8.7	29	46	16	0
TOR	310	6	15	00	0	0	-	6.3	28	62	20	0
HURGHADA	290	10		00	0	0	-	5.2	30	66	23	0
QUSEIR	360	5	15	02	0	0	-	5.9	28	79	24	0
PORT SUDAN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTUM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKÂL	200	3	30	03	2	8	Sc, Ac	11.5	29	66	22	
WAU	00	0	30	02	1	7	Sc, Ac	11.5	26	79	21	
JUBA	90	2	30	02	8	8	St, As	13.1	25	79	21	

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.	BAR PRESSURE Diff. from normal mbs	TEMPERATURES °C Dry Bulb	TEMPERATURES °C MAXIMUM Yesterday	TEMPERATURES °C MAXIMUM Diff. from normal	TEMPERATURES °C MINIMUM Today	TEMPERATURES °C 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
SALÛM	320	15	7	02	0	0	-	12.2		27	31		20		62	19	0			SALÛM
SIDI BARÂNI	320	9	35	02	2	8	Sc, Cu	12.0		25	28		22		84	22	0	278		SIDI BARÂNI
MATRÛH	330	10	18	03	1		Cu	11.2		25	29		21		74	20	0			MATRÛH
EL DABA			35	00	0	0	-	10.2		27	22		23		70	21	0			EL DABA
ALEXANDRIA	330	9	50	01	1		Sc, Ac	9.9	+0.3	26	29	-1	23	0	74	21	0	267	186	ALEXANDRIA
FOUAD (Airport)	340	11	18	03	0	1	Sc	9.5		26	30		22		74	21	0	265	138	FOUAD (Airport)
DAMIETTA	320	2		00	0	0	-	9.5	+0.9	27	30		18		79	23	0	319	196	DAMIETTA
PORT SAÏD	320	8	12	03	1	6	Sc	9.4		26	28		24		74	21	0	72		PORT SAÏD
EL 'ARISH	320	2	35	02	0	0	-	9.3	+0.7	29	30	0	21	+1	70	23	0		94	EL 'ARISH
DAMANHUR	310	9	7	02	0	0	-	9.0	+0.2	27	32	-1	20	0	79	23	0	102	101	DAMANHUR
MANSURA	180	5	35	03	0	7	Ac	9.5	+0.8	24	37	+2	21	0	94	23	0	49	55	MANSURA
TANTA	220	2	35	02	0	0	-	10.2	+1.5	26	34	-1	17	-2	74	21	0	34	44	TANTA
ZAGAZIG	220	5	7	00	0	0	-	12.3	+1.1	26	36	+1	21	+2	66	20	0	21	27	ZAGAZIG
ISMAÏLIA	290	2	7	02	0	0	-	9.4		26	36		22		70	20	0	14		ISMAÏLIA
FAROUK (Airport)																				FAROUK (Airport)
ALMAZA	360	3	12	01	0	2	Cu	9.7	+0.6	25			22		74	20	0			ALMAZA
EZBEKIYA	320	2	15	00	0	0	-	9.9	+0.8	26	35	-1	22	0	70	20	0	8	26	EZBEKIYA
GIZA	320	2	15	00	0	0	-	10.2	+1.1	25	35	0	20	+1	70	19	0	16	27	GIZA
HELWÂN	340	5	15	00	0	0	-	9.6	+0.6	24	35	0	21	0	74	19	0	16	29	HELWÂN
FAIYUM	360	5	35	02	0	0	-	9.9	+0.9	26	36	-1	21	0	70	20	0	8	8	FAIYUM
MINYA	20	14	10	02	0	1	Ci	9.3		25	35		20		74	20	0	5		MINYA
ASYÛT MANQABAD	360	8	30	00	0	0	-	8.2		27			22		55	17	0	Dr.		ASYÛT MANQABAD
NAG' HAMMADI	270	1	7	00	0	0	-	7.2	+0.1	27	38		21		52	18	0	0		NAG' HAMMADI
QENA	270	5	35	00	0	0	-	6.4	-0.3	29	41	+1	24	0	46	16	0	Dr.		QENA
LUXOR																		Dr.		LUXOR
ASWÂN	00	0	50	00	0	0	-	7.4	+0.3	32	40	-1	27	+1	31	13	0	2		ASWÂN
SIWA	320	2	35	00	0	0	-	12.3	+0.6	29	37	-1			52	18	0	1	8	SIWA
BAHARIYA	360	2	35	02	0	0	-	10.3	+0.4	26	36	-1	21	+1	62	18	0	Dr.	7	BAHARIYA
FARAFRA	360	3	15	02	0	0	-	11.0		28	33		21		45	15	0	Dr.		FARAFRA
DAKHLA	00	0	35	00	0	0	-	9.4	+0.7	29	36	-3	23	0	35	12	0	Dr.		DAKHLA
KHARGA	00	0	35	00	0	0	-	8.5	+1.0	31	37	-3	22	-1	48	15	0	0		KHARGA
SUEZ	00	0	35	00	0	0	-	9.5	+1.3	26	37	+1	23	0	74	21	0	12	17	SUEZ
TOR	310	7	35	00	0	0	-	7.6	+1.8	26	32	-1	24	0	84	23	0	Dr.	13	TOR
HURGHADA	310	16		00	0	0	-	6.5		28	30		26		33	19	0	7		HURGHADA
QUSEIR	360	13	15	02	0	0	-	6.3	+0.2	31	32	-2	26	0	52	20	0	0	4	QUSEIR
PORT SUDAN	340	1	30	01	1	1	Ci	5.5		33	39		26		63	25	0	40	99	PORT SUDAN
WÂDI HALFA	00	0	30	01	1	2	Ci	8.1		31	39		25		24	8	0	27		WÂDI HALFA
ABU HAMAD	360	5	30	03	1	5	Ci, Cu	6.4		32	40		25		21	7	0			ABU HAMAD
KAREIMA	340	11	30	00	0	0	-	7.4		31	39		24		17	3	0	6	7	KAREIMA
ATBARA	230	9	30	01	3	6	Ac	7.6		30	40		27		25	8	0	8	19	ATBARA
KHARTUM	200	18	30		0	0	-	9.1		29	38		26		52	18	0	14	47	KHARTUM
KASSALA																		102	101	KASSALA
WÂD MEDANI	200	9	50	00	0	0	-	6.7		28	36		24		58	19	0	99	125	WÂD MEDANI
RENK	230	9	50	01	1	5	Ci			23	29		20		78	19	0	0	138	RENK
ROSEIRES	190	2	35	00	0	0	-	11.2		25	29		21		79	21	3	266	351	ROSEIRES
EL OBEID	220	12		01	0	9	Ci	10.4		26	35		23				0	63	123	EL OBEID
EL FASHER	160	9	30	01	0	2	Ci			26	37		23		62	18	0	26	79	EL FASHER
GENEINA	180	2	30	01	2	3	Ac, Cs			23	32		22		78	19	2		162	GENEINA
MALAKÂL	180	6	30	02	2	7	Ac	13.4		22	29		21		94	21	9	650	423	MALAKÂL
WAU	00	0	30	07	1	3	Sc, Ac	13.2			28		22			22	0	575	642	WAU
JUBA	200	5	10	01	2	2	St, Ac	13.2		23	25		20		88	21	Dr.	464	673	JUBA

HUMIDITY

Mean of day

STATION	On 17th	Diff. from normal
Alexandria	78	+3
Ezbekiya	60	+1
Giza	61	+2
Helwan	57	+9

GIZA
GRASS MINIMUM TEMP.
ON 18th 18.3 °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 18th Farouk At 3 AIRPORT

PRESSURE mbs	HEIGHT ABOVE M.S.L. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	88	22	83	330	3
950					
900					
850	1500	20	28	270	3
800					
700	3147	13		210	6
600					
500	5889	-1			
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

STATION	Matrouh				Fouad Ap.				Minya				Hurghada			
TIME	14 45				15				15				15			
HEIGHT m	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	340	19			320	16			360	22			340	19		
600	360	16			330	28			10	20			350	6		
1000	350	16			320	35			360	21			20	3		
1500	360	10			320	14			340	27			280	16		
2000	340	15			300	7			350	18			330	10		
3000	330	10			360	19			360	3			230	23		
4000																
5000																
6000																
7000																
8000																

UPPER WIND OBSERVATIONS on 18th

STATION	SIDI BARÂNI		MATRÛH		BOUAD AIRPORT		PORT SAÏD		EL 'ARISH		HELWÂN		MINYA		ASYÛT MANQABAD		LUXOR		ASWÂN		HURGHADA		Farouk Ap.	
TIME	9		4 30				3				9		3		9						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	7	300	16			290	9			290	8	10	20	310	9					340	26	10	6
600	330	8	300	14			280	9			360	6	10	16	320	13					320	12	10	9
1000	340	6	350	14			310	13			30	11	310	18	330	15					320	16	360	10
1500	320	6	350	13							330	7	290	9	270	4					310	17	270	3
2000	340	5	360	12							150	3	220	5	230	7					240	11	280	4
3000	20	10	10	13							310	6	240	5	220	13					230	15	210	6
4000			30	10							220	11	190	20	220	17								
5000											240	13	190	10									220	12
6000													220	2									350	4
7000													220	2										
8000																								

STATION	SIWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7		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	310	7	340	23	350	17	10	8	330	9														
600	310	5	260	21	340	18	360	8	340	25	340	16					190	17					170	12
1000	300	8	350	25	350	12	350	11	360	15	330	11					210	23			180	12	170	10
1500	310	7	360	29	340	22	340	15	320	13	310	8					240	6			210	16	130	8
2000	10	13									230	10											340	5
3000	30	16							180	12	130	10					300	9			110	9	50	10
4000	20	21																						
5000	30	17									120	19												
6000																								
7000																								
8000																								

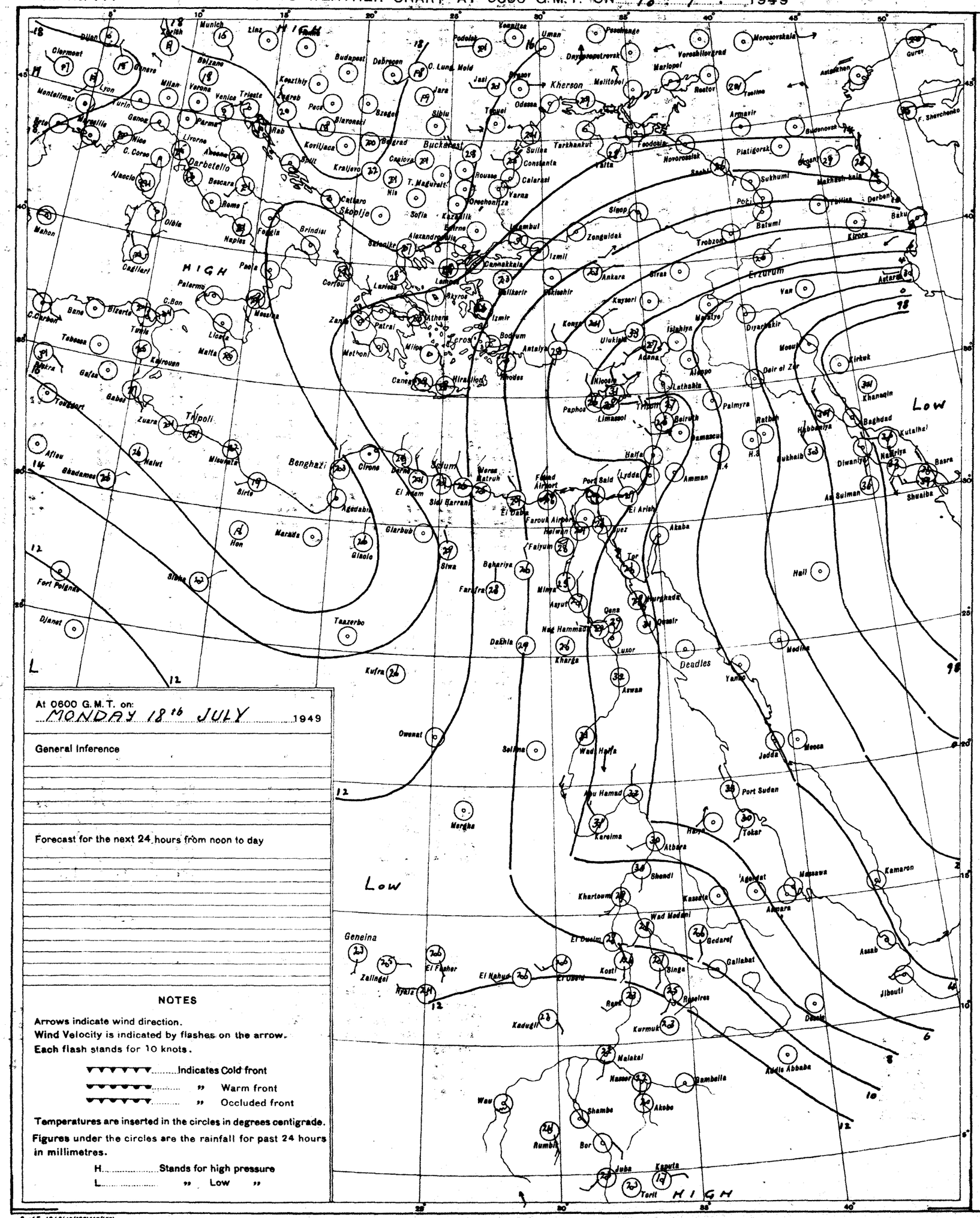
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 18 : 7 : 1949



At 0600 G.M.T. on:
MONDAY 18th JULY 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	(R)
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,
	Rain	21	•
	Showers of rain	25	▽
	" " hail	27	▽
	Fog	28	≡
	Thunderstorm	29	R
Duststorm or Sandstorm		31	≈
Fog		45	≡
Drizzle		50	,
Rain		60	•
Showers of rain		80	▽
" " hail		87	▽
Rain / Hail	Thunderstorm during the past hour	91	R•
		93	R△
Thunderstorm with rain		95	R•
" " hail		96	R▽
" " Sandstorm		98	R≈

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

Cloudless			○
Cirrus	Ci	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: 03 06 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: Tuesday 19th July, 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	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	360	15	7	02	0	0	–	11.4	28	70	22
	62301	SIDI BARRANI	320	12	35	02	2	8	Cs	11.6	27	79	23
	62306	MATRUH	360	11	18	00	0	0	–	14.0	28	70	22
	62309	EL DABA	320	5	35	00	0	0	–	10.4	28	70	22
		ALEXANDRIA	330	11	50	00	0	0	–	8.6	28	70	22
	62318	FOUAD (Airport)	340	16	18	02	0	0	–	8.7	29	66	22
	62330	DAMIETTA	320	5	15	02	0	0	–	7.4	29	66	22
	62333	PORT SAID	350	10	30	01	0	0	–	7.9	28	74	23
	62336	EL ARISH	320	2	35	02	0	0	–	8.6	29	79	25
Lower Egypt	62335	DAMANHUR	360	9	15	02	0	0	–	9.1	31	52	26
	62342	MANSURA	320	5	35	00	1	0	–	7.6	35	37	18
	62345	TANTA	310	5	35	02	0	0	–	7.7	34	41	19
	62354	ZAGAZIG	320	5	15	00	0	0	–	8.7	35	37	18
	62440	ISMAILIA	290	2	35	02	0	0	–		36	25	13
Cairo Area	62366	FAROUK (Airport)	340	10	30	01	0	1	Ci	7.4	30	29	10
	62371	ALMAZA	320	6	30	03	0	1	Ci	7.0	34	27	12
		EZBEKIYA	340	5	35	00	0	0	–	7.2	34	25	11
		GIZA	340	5	35	00	0	0	–	7.9	34	23	9
	62378	HELWAN	290	12	35	02	0	0	–	6.8	34	22	9
Upper Egypt	62381	FAIYUM	300	5	35	02	0	0	–	7.2	35	19	8
	62387	MINYA	350	13	12	00	0	0	–	7.1	35	23	11
	62393	ASYUT	310	12	30	03	0	1	Ci	6.5	34	22	9
	62398	NAG HAMMADI	290	2	15	00	0	0	–	5.4	35	32	16
	62403	QENA	270	5	50	00	0	0	–	4.0	41	26	18
	62405	LUXOR											
	62414	ASWAN	290	2	50	00	0	0	–	3.9	40	21	14
Oases	62417	SIWA	00	0	35	00	0	0	–	12.4	35	47	22
	62420	BAHARIYA	360	3	35	02	0	0	–	8.2	35	19	8
	62423	FARAFRA	360	4	35	02	1	1	As	9.5	36	17	7
	62432	DAKHLA	320	6	50	00	0	0	–	8.7	35	23	11
	62435	KHARGA	00	0	35	00	0	0	–	7.2	37	14	6
Red Sea	62450	SUEZ	360	4	35	02	0	0	–	6.8	34	22	9
	62455	TOR	310	8		00	0	0	–	5.3	36	50	24
	62457	HURGHADA	360	11		03	0	4	Ci,Cc	4.1	29	79	25
	62465	QUSEIR	360	9	15	02	0	0	–		31	59	22
	62641	PORT SUDAN	100	9	30	00	0	0	–	2.4	38	33	19
North Sudan	62600	WADI HALFA	290	10	30	00	0	0	–	5.4	39	16	9
	62640	ABU HAMAD	00	0	30	01	0	1	Ac,Ci	3.6	40	11	4
	62660	KAREIMA	350	4	18	00	1	2	Ci	4.5	40	11	4
	62680	ATBARA	70	2	30	00	0	0	–	3.4	40	14	8
	62721	KHARTUM	190	9	30	01	0	2	Cu,Ac	4.9	37	24	13
	62780	KASSALA											
Central Sudan	62751	WAD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID											
	62760	EL FASHER	110	5	30	01	1	5	Cu		34	32	15
	62770	GENEINA	220	6	30	01	1	6	Cu		32	38	16
S. Sudan	62840	MALAKAL	180	3	30	01	1	7	Fs,Ac	9.2	29	62	21
	62880	WAU	230	2	30	02	1	6	Cu,Ac	8.8	31	55	21
	62941	JUBA	50	2	30	02	2	7	Ac	8.9	30	59	21

At 1800 on Mon. 18th

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain past 12 hrs mms
SALUM	320	10	7	02	0	0	–	7.5	27	62	19	0
SIDI BARRANI	320	8	35	02	2	8	Sc,Cs	10.6	24	94	23	0
MATRUH	340	4	13	03	0	1	Sc	8.8	24	94	23	0
EL DABA	320	4	15	00	0	0	–	9.6	25	84	22	0
ALEXANDRIA	360	9		00	0	0	–	8.7	25	84	22	0
FOUAD (Airport)	340	18	12	02	0	0	–	7.6	25	74	20	0
DAMIETTA	320	5		02	0	0	–	7.4	26	84	23	0
PORT SAID	320	15	18	00	0	0	–	6.5	27	70	21	0
EL ARISH			15	02	0	0	–	6.3	29	66	22	0
DAMANHUR	310	9	7	02	0	0	–	8.2	25	84	22	0
MANSURA	360	5		00	0	0	–	6.6	27	70	21	0
TANTA	00	0	35	02	0	0	–	7.6	27	62	19	0
ZAGAZIG	320	5		00	0	0	–	7.2	29	57	20	0
ISMAILIA	20	2	35	02	0	0	–		29	59	20	0
FAROUK (Airport)												
ALMAZA												
EZBEKIYA	340	3	15	00	0	0	–	7.2	29	52	18	0
GIZA	340	3	15	00	0	0	–	8.3	29	48	16	0
HELWAN	340	12	15	02	0	0	–	6.2	31	43	17	0
FAIYUM	00	0	35	02	0	0	–	5.6	32	34	14	0
MINYA	00	0	10	00	0	0	–	6.1	29	46	16	0
ASYUT												
NAG HAMMADI	00	0		00	0	3	Ci	4.2	29	59	20	0
QENA	240	5	7	00	0	0	–	4.6	31	38	15	0
LUXOR												
ASWAN	340	6	50	01	1	2	Ci	4.0	38	18	10	0
SIWA	00	0	7	00	0	0	–	10.0	29	59	20	0
BAHARIYA	320	3	15	02	0	0	–	8.3	31	22	7	9
FARAFRA	320	3	15	01	1	0	–	8.8	29	23	6	0
DAKHLA	320	3	35	00	0	0	–	7.9	30	35	13	0
KHARGA	00	0	15	00	0	0	–	6.6	30	25	8	0
SUEZ	360	4	7	02	0	0	–	6.4	31	43	17	0
TOR	310	3	15	00	0	0	–	4.0	31	62	23	0
HURGHADA	280	4		00	1	0	–	3.3	30	62	22	0
QUSEIR	360	5	15	02	0	0	–	4.4	30	52	19	0

At 0600 on Tuesday 19th

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs
SALUM	360	15	7	02	0	0	–	8.4	
SIDI BARRANI	290	12	35	02	2	8	Cu,Ac,Cs	9.0	
MATRUH	340	11	10	00	2	0	–	7.8	
EL DABA	320	6	7	00	0	0	–	6.6	
ALEXANDRIA	270	13	50	01	1	0	–	6.6	-3.0
FOUAD (Airport)	320	14	18	03	0	0	–	5.9	
DAMIETTA	250	2	7	00	0	0	–	5.9	-2.7
PORT SAID	260	6	10	03	2	7	Sc	5.5	
EL ARISH	220	2	35	02	0	0	–	6.3	-1.5
DAMANHUR	310	13	7	02	0	0	–	6.8	-2.0
MANSURA	320	9	35	00	0	0	–	5.9	-2.8
TANTA	270	8	35	02	0	0	–	7.0	-2.2
ZAGAZIG	320	5	7	00	0	0	–	7.1	-2.2
ISMAILIA	290	2		01	1	3	As	6.2	
FAROUK (Airport)	270	10	12	00	0	0	–	7.0	
ALMAZA	270	6	30	00	1	0	–	6.7	-2.3
EZBEKIYA	320	4	15	00	0	0	–	6.8	-2.2
GIZA	320	4	15	00	0	0	–	7.4	-1.6
HELWAN	340	4	15	00	0	0	–	6.8	-2.2
FAIYUM	00	0	35	02	0	0	–	7.4	-1.6
MINYA	20	10	12	02	0	1	Ci	7.0	
ASYUT	320	4	30	00	0	0	–	6.7	
NAG HAMMADI	00	0		00	0	0	–	5.6	-1.5
QENA	240	5	35	00	0	0	–	5.1	-1.5
LUXOR									
ASWAN	340	9	50	01	1	2	Ci	5.1	-2.0
SIWA	320	5	35	00	0	0	–	10.8	-0.9
BAHARIYA	360	3	35	02	0	0	–	8.7	-1.2
FARAFRA	360	3	35	02	1	3	As	8.4	
DAKHLA	320	6	35	00	0	0	–	8.4	-0.2
KHARGA	00	0	35	00	0	0	–	7.6	-0.1
SUEZ	00	0	35	00	0	0	–	5.6	-2.6
TOR	310	9	35	00	0	0	–	4.8	-3.6
HURGHADA	290	11		00	0	0	–	4.3	
QUSEIR	360	5	15	02	0	0	–	4.3	-1.8
PORT SUDAN	110	1		03	2	7	Ac	3.2	
WADI HALFA	360	1	30	02	2	8	Ac,Cs	6.6	
ABU HAMAD	290	2	30	01	0	1	Ac	5.4	
KAREIMA									
ATBARA	340	5	30	02	1	4	Ac	5.4	
KHARTUM	210	10	30	03	1	5	Ac	7.7	
KASSALA	200	9	30	03	0	6	Ac	9.8	
WAD MEDANI	230	5	50	01	1	6	Ac	9.6	
RENK									
ROSEIRES	180	2		64	6	8	St,As	11.2	
EL OBEID	230	12	30	03	1	4	Ac	9.6	
EL FASHER	90	5	30	15	8	7	Cb,Ac		
GENEINA	130	1	30	0?	1	2	Ac		
MALAKAL	200	2	30	02	2	8	Ac	11.5	
WAU	130	1	30	02	1	8	Sc,Ac	12.4	
JUBA	200	5	30	15	2	7	Ac,Ci	13.5	

Station	Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs	Rainfall Total from Oct. 1st	Rainfall Normal from Oct. 1st
SALUM	28	30		20		58	19	0		
SIDI BARRANI	26	28		23		84	23	0	278	
MATRUH	25	29		20		74	20	0		
EL DABA	27	29		20		79	23	0		
ALEXANDRIA	26	29	-1	23	0	74	21	0	267	186
FOUAD (Airport)	27	30		23		70	21	0	265	138
DAMIETTA	27	32		21		79	23	0	319	106
PORT SAID	26	33		24		79	22	0	72	
EL ARISH	29	30	0	21	+1	70	23	0		94
DAMANHUR	27	32	-1	21	+1	79	23	0	102	101
MANSURA	27	35	0	22	+1	70	21	0	49	55
TANTA	27	35	0	18	-1	70	21	0	34	44
ZAGAZIG	27	37	+2	21	+2	70	21	0	21	27
ISMAILIA	26	37		23		74	21	0	14	
FAROUK (Airport)	25			21		74	20	0		
ALMAZA	25			22		74	20	0		
EZBEKIYA	28	35	-1	22	0	62	20	0	8	26
GIZA	27	35	0	20	+1	63	19	0	16	27
HELWAN	25	35	0	22	+1	74	20	0	16	29
FAIYUM	28	37	0	22	+1	52	17	0	8	8
MINYA	26	36		19		66	19	0	5	
ASYUT MANQABAD	26			22		62	18	0	Dr.	
NAG HAMMADI	28	36		21		52	17	0	0	
QENA	29	42	+2	25	+1	40	14	0	Dr.	
LUXOR									Dr.	
ASWAN	35	42	+1	27	+1	27	13	0	2	
SIWA	23	36	-2	21	0	61	15	0	1	8
BAHARIYA	26	36	-1	21	+1	55	16	0	Dr.	7
FARAFRA	29	37		23		35	12	0	Dr.	
DAKHLA	29	37	-2	23	0	35	12	0	Dr.	
KHARGA	29	38	-2	22	-1	37	12	0	0	
SUEZ	29	37	+1	22	-1	52	18	0	12	17
TOR	30	37	+3	24	0	66	23	0	Dr.	13
HURGHADA	29	30		24		46	19	0	7	
QUSEIR	31	33	-1	27	0	49	19	0	0	4
PORT SUDAN	35	39		27		42	20	0	40	99
WADI HALFA	28	40		25		27	7	0	27	
ABU HAMAD	32	41		26		18	5	0		
KAREIMA								0	6	7
ATBARA	34	41		29		25	11	0	8	20
KHARTUM	30	39		28		49	18	0	14	48
KASSALA	26	39		23		58	17	0	102	105
WAD MEDANI	28	39		25		45	15	0	99	129
RENK										242
ROSEIRES	22	32				100	22	15	281	357
EL OBEID	27	36		24		66	20	1	64	127
EL FASHER	23?	36		22		44	10	Dr.	26	83
GENEINA	29	33		22		55	19	1		168
MALAKAL	25	31		23		84	22	0	650	429
WAU	23	31		22		88	21	Dr.	575	648
JUBA	23	31		21		84	20	0	464	677

HUMIDITY % Mean of day

Station	On 18th	Diff. from normal
Alexandria	78	+3
Ezbakiya	58	-1
Giza	55	-4
Helwân	55	+7

GIZA
GRASS MINIMUM TEMP.
ON 19th 15.5 °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 A.P. AIRPORT — On 19th At 3

Pressure mbs	Height above M.S.L. feet	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	22	22	89	350	5
950					
900					
850	1465	20	28	310	11
800					
700	3107	12		330	10
600					
500	5863	0		300	11
400		-10			
300					

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

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

UPPER WIND OBSERVATIONS on 18th

Station	Matruh		Fouad Ap.		Port Said		Minya		Hurghada	
Time	15 15		15		15		15		15	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	330	17	320	23	310	16	40	13	340	19
600	340	16	340	10	280	9	90	19	350	12
1000	340	15	340	16	310	9	70	16	340	11
1500	320	16	340	14	280	21	360	17	320	11
2000	330	12							270	20
3000	360	10							270	22
4000	30	16								
5000	60	14								
6000	30	3								
7000										
8000										

UPPER WIND OBSERVATIONS on 19th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		Farouk	
Time	9		4 15								8 45		3		9				9		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	12	300	19							320	6	350	20	320	13			330	27	350	24	360	10
600	320	19	330	11							300	11	10	16	330	15			340	3	340	18	340	15
1000	330	9	330	16							300	10	360	16	330	15			330	21	330	16	330	15
1500	340	8	340	15							340	9	360	13	310	16			330	13	300	29	310	11
2000	330	11	360	12							360	10	340	16					290	23			320	13
3000	360	10	10	23									310	8					220	8			330	10
4000																			270	8			290	10
5000																			240	5			230	10
6000																							310	14
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	9		9		9		7		4												5		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	320	6	320	8	350	10	360	3	10	7														
600	320	7	310	10	340	14	360	13	10	8													210	7
1000	360	9	310	13	320	22	340	21	350	13											110	12	190	7
1500	360	10	310	13	330	14			320	11											90	7	160	6
2000	20	13			320	13			270	11														
3000	40	19							260	9											290	7	90	15
4000	30	16																					100	5
5000																								
6000																								
7000																								
8000																								

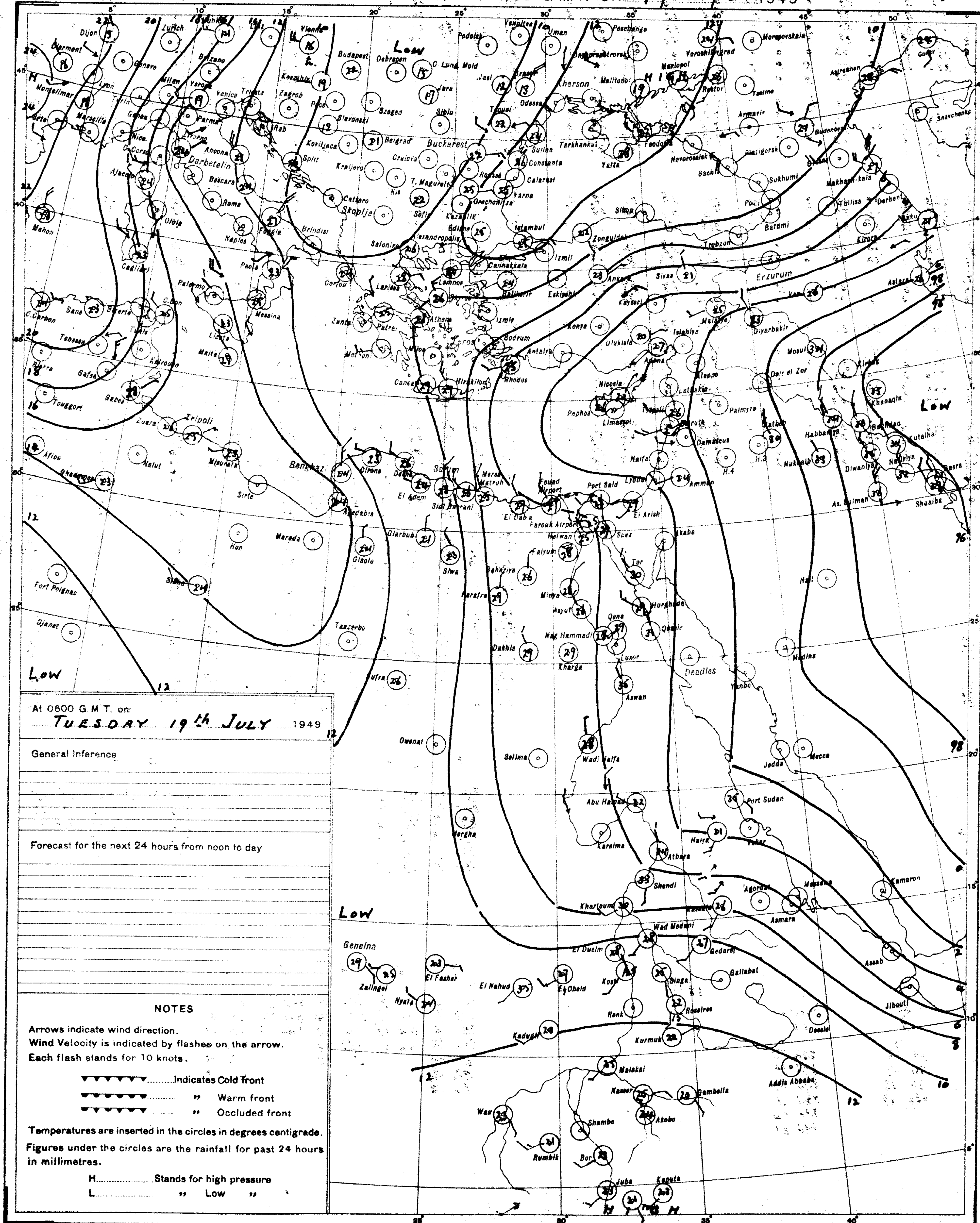
Remarks:
1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 19 - 7 - 1949



At 0600 G.M.T. on:
TUESDAY 19th JULY 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 ,,

S of E 1948(48/195)(44/450)

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

Cloudless		—
Cirrus	Ci	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 cannct be estimated owing to darkness	9

CAIRO
Time of Sunrise 03 06 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: Wednesday 20th July, 1949

Area	Index Number	Station	At 1200 on Tues. 19th: Wind Direction	Wind Velocity in knots	Visibility in km	Present Weather	Past Weather	Cloud Amount 0-9	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	At 1800 on Tues. 19th: Wind Direction	Wind Velocity in knots	Visibility in km	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain past 12 hrs mms
Mediterranean	62300	SALUM	340	10	7	03	0	0	–	7.5	34	41	19	320	12	7	02	0	0	–	5.9	28	58	19	0
	62303	SIDI BARANI	320	13	35	02	2	8	Cs	7.9	27	79	23	290	8	35	02	2	8	Cs	7.1	24	94	23	0
	62306	MATRUH	340	14	18	01	0	1	Ci	6.6	29	59	20	340	8	13	02	1	1	As	6.1	24	94	23	0
	62309	EL DABA	320	7	35	00	0	0	–		29	59	20	320	4	15	00	0	0	–	6.0	27	62	19	0
		ALEXANDRIA	330	11	50	00	0	0	–	6.6	28	62	20	330	11		00	0	0	–	4.2	25	80	21	0
	62318	FOUAD (Airport)	300	16	18	02	0	0	–	5.1	30	63	23	320	15	18	02	0	0	–	3.9	25	79	21	0
	62330	DAMIETTA	360	2	15	00	0	0	–	4.7	29	70	23	20	2		00	0	0	–	4.3	26	84	23	0
	62333	PORT SAID	340	9	30	02	0	0	–	3.9	30	66	23	320	12	15	02	0	0	–	3.0	27	79	23	0
	62336	EL ARISH	320	2	35	02	0	0	–	4.4	29	79	25			15	02	0	0	–		28	79	24	0
Lower Egypt	62339	DAMANHUR	270	9	15	02	0	0	–	5.3	31	59	22	270	9	7	02	0	0	–	5.0	25	84	22	0
	62342	MANSURA	270	13	35	00	0	0	–	4.4	35	37	18	320	5		00	0	0	–	3.6	27	70	21	0
	62348	TANTA	310	13	35	02	0	0	–	5.6	33	44	19	00	0	35	02	0	0	–	4.4	27	62	19	0
	62354	ZAGAZIG	320	5	15	00	0	0	–	4.6	36	37	19	320	5		00	0	0	–	4.0	28	70	22	0
	62440	ISMAILIA	290	2	15	02	0	0	–	3.8	36	29	15	20	2	15	02	0	0	–	3.4	30	66	23	0
Cairo Area	62366	FAROUK (Airport)	250	14	30	00	0	0	–	4.4	34	34	16												
	62372	ALMAZA	290	10	30	00	0	0	–	3.9	35	42	20	290	5	12	00	0	0	–	3.6	31	52	20	0
		EZBEKIYA	340	5	35	00	0	0	–	4.4	35	29	14	360	2	15	00	0	0	–	3.9	30	49	18	0
		GIZA	340	3	35	00	0	0	–	4.7	36	29	16	360	2	15	00	0	0	–	4.0	28	51	16	0
	62378	HELWAN	320	10	35	02	0	0	–	4.2	35	23	11	320	9	15	02	0	0	–	3.6	31	38	15	0
Upper Egypt	62381	FAIYUM	360	5	35	02	0	0	–	4.2	35	23	11	00	0	35	02	0	0	–	2.8	33	34	15	0
	62387	MINYA	10	11	12	00	0	0	–	4.6	35	20	9			10	00	0	0	–	3.5	28	40	13	0
	62392	ASYUT	310	12	30	00	0	0	–	4.2	36	13	4												
	62399	NAG HAMMADI	270	4	7	00	0	0	–	3.0	35	31	16	00	0		00	0	0	–	3.1	28	52	17	0
	62402	QENA	240	5		00	0	0	–	1.9	39	32	15	240	5	7	00	0	0	–	2.7	30	31	11	0
	62405	LUXOR	290	11	30	00	0	0	–	2.1	38	38	15												
	62414	ASWAN	340	9	50	00	0	0	–	2.6	39	21	13	360	4	50	00	0	0	–	2.7	37	14	6	0
Oases	62417	SIWA	00	0	35	00	0	0	–	9.8	36	53	25	00	0	7	00	0	0	–	6.3	32	56	22	0
	62420	BAHARIYA	270	2	35	02	0	0	–	6.0	36	20	10	360	3	15	00	0	0	–	5.5	31	43	17	0
	62423	FARAFRA	360	8	35	02	1	0	–	5.8	38	18	10	320	3	15	02	1	0	–	5.3	29	37	13	0
	62432	DAKHLA	320	3	50	00	0	0	–	4.8	36	25	13	00	0	35	00	0	0	–	3.1	22	28	11	0
	62435	KHARGA	320	2	35	00	0	0	–	5.0	37	16	7	00	0	15	00	0	0	–	5.0	33	21	8	0
Red Sea	62450	SUEZ	360	5	35	02	0	0	–	3.1	37	22	12	360	4	7	02	0	0	–	3.0	33	34	14	0
	62459	TOR	310	10	35	00	0	0	–	4.0	36	50	24	310	8	15	00	0	0	–	2.4	32	56	22	0
	62462	HURGHADA	340	16		00	0	0	–	1.3	30	55	20	00	0		00	0	0	–	1.1	28	62	20	0
	62465	QUSEIR	360	9	15	02	0	0	–	2.6	32	49	20	40	5	15	02	0	0	–	2.4	29	66	22	0
	62641	PORT SUDAN	90	13		01	1	2	Ac	1.8	38	42	23												
North Sudan	62600	WADI HALFA	340	7	30	03	2	8	Cs	3.4	39	16	9												
	62640	ABU HAMAD	270	5	30	03	2	8	Cs	1.2	41	13	7												
	62650	KAREIMA	290	6	30	01	1	5	Ci	2.0	41	10	3												
	62680	ATBARA	310	5	30	03	2	7	Ci	1.1	41	16	10												
	62721	KHARTUM	220	15	30	03	1	3	Cu,Ac	2.8	38	21	12												
	62730	KASSALA	230	5	30	03	1	7	Cu,Ac	3.6	36	31	16												
Central Sudan	62751	WAD MEDANI																							
	62801	RENK																							
	62802	ROSEIRES	200	2	35	00	0	0	–	7.6	29	66	22												
	62771	EL OBEID	320	9	30	95	1	8	Cb,Ac	8.2	26	66	19												
	62760	EL FASHER	00	0	30	02	1	5	Cu,Ac		32	41	17												
	62770	GENEINA																							
S. Sudan	62840	MALAKAL	230	17	30	01	8	7	Sc,Ac	10.4	25	79	21												
	62880	WAU	130	2	30	02	1	8	Ac	7.4	29	62	21												
	62941	JUBA	180	5	30	15	2	7	Cb,Ac	8.9	29	59	20												

Station	At 0600 on Wednesday 20th: Wind Direction	Wind Velocity in knots	Visibility in km	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb °C	Maximum Yesterday	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	320	14	7	02	0	0	–	5.5		28	35		21		58	19	0		
SIDI BARANI	290	16	35	02	2	8	Cs	6.8		26	28		23		74	21	0	278	
MATRUH	330	11	13	00	0	0	–	5.9		26	32		21		74	21	0		
EL DABA	320	6	35	00	0	0	–	4.8		27			21		79	23	0		
ALEXANDRIA	270	14	50	01	1	0	–	4.8	-4.8	26	29	-1	24	+1	74	21	0	267	186
FOUAD (Airport)	290	10	18	02	0	0	–	4.0		27	31		23		74	22	0	265	138
DAMIETTA	250	5		03	1	5	Fs,Fc	4.4	-4.1	27	31		19		84	24	0	319	106
PORT SAID	260	9	15	02	1	7	Sc	3.8		26	33		24		79	22	0	72	
EL ARISH			35	02	0	0	–	4.2	-4.4	30	32	+2	22	+2	65	23	0		94
DAMANHUR	310	13	7	02	0	0	–	5.0	-3.8	27	32	-1	20	0	70	21	0	102	101
MANSURA	270	9	35	02	0	5	Cu	4.6	-4.1	26	36	+1	21	0	84	23	0	49	55
TANTA	220	2	35	02	0	0	–	5.1	-4.4	27	35	0	18	-1	79	23	0	34	44
ZAGAZIG	220	5	7	00	0	0	–	5.5	-3.8	24	38	+3	21	+1	94	23	0	21	27
ISMAILIA	270	2	7	02	0	0	–	4.4		26	37		22		79	20	0	14	
FAROUK (Airport)																			
ALMAZA											36								
EZBEKIYA	270	1	15	00	0	0	–	5.2	-3.8	26	36	0	23	+1	74	21	0	8	26
GIZA	270	1	15	00	0	0	–	5.5	-3.5	27	37	+2	20	+1	66	20	0	16	27
HELWAN	320	5	15	00	1	5	St	5.0	-4.0	24	36	+1	22	+1	74	19	0	16	29
FAIYUM	00	0	35	02	0	0	–	5.5	-3.5	27	37	0	21	0	62	19	0	8	8
MINYA	00	0	12	00	0	0	–	5.5		27	37		18		45	14	0	5	
ASYUT	360	5	30	00	0	1	Ci	5.4		28			23		42	14	0	Dr.	
NAG HAMMADI	00	0		00	0	0	–	5.0	-2.0	29	36		19		52	18	0	0	
QENA	270	5	35	00	0	0	–	4.3	-2.4	30	41	0	24		35	13	0	Dr.	
LUXOR	00	0	30	00	0	0	–	3.9		33			22		23	9	0	Dr.	
ASWAN	340	6	50	00	0	0	–	5.1	-1.9	35	41	0	26	0	25	12	0	2	
SIWA	00	0	35	00	0	0	–	8.4	-3.3	27	37	-1	21	0	52	16	0	1	8
BAHARIYA	360	3	35	02	0	0	–	6.4	-3.5	28	38	+1			33	10	0	Dr.	7
FARAFRA	180	1	35	02	0	0	–	6.3		31	38		20		28	16	0	Dr.	
DAKHLA	00	0	35	00	0	0	–	5.8	-2.8	27	38	-1	22	-1	33	9	0	Dr.	
KHARGA	00	0	35	00	0	0	–	5.5	-2.2	30	38	-2	21	-2	25	8		0	
SUEZ	00	0	35	00	0	0	–	5.6	-2.6	29	40	+4	23	0	59	20	0	12	17
TOR	310	5	35	00	0	0	–	3.1	-2.7	27	36	+2	25	+1	88	26	0	Dr.	13
HURGHADA	320	10		00	0	0	–	2.8		28	30		24		70	22	0	7	
QUSEIR	360	9	15	02	0	0	–	3.1	-2.7	33	33	-1	26	-1	34	15	0	0	4
PORT SUDAN																	0	40	100
WADI HALFA	00	0	30	02	1	2	Ac	5.1		29	41		24		25	7	0	27	
ABU HAMAD	360	2	30	01	1	2	Ci	4.0		33	42				23	9	0		
KAREIMA	20	6	30	00	2	1	Ac	4.0		35	42		28		13	3	0	6	7
ATBARA	250	5	30	03	1	4	Ac	4.7		34	42		27		32	15	0	8	21
KHARTUM	220	15	30	02	1	4	Ac	7.6		30	39		28		46	17	0	14	50
KASSALA	200	9	30	03	1	7	Ac	9.0		28	38		25		58	19	0	102	108
WAD MEDANI	230	9	50	00	0	0	–	9.0		28	38		25		58	19	0	99	134
RENK	230	9	50	02	2	8	As	10.2		22	32		22		94	21	0		246
ROSEIRES																	0	281	362
EL OBEID	230	9	30	02	2	7	Ac	10.5		25	33		21		65	18	4	68	130
EL FASHER	200	2	30	02	1	7	Ac			25	35		23		70	19	Dr.	26	87
GENEINA																			174
MALAKAL	180	5	30	02	2	7	Sc,Ac	13.0		23	27		21		89	21	Dr.	650	435
WAU	00	0	30	25	8	8	Sc,Ac	12.4		21	31		21		94	20	23	598	654
JUBA																	0	464	680

HUMIDITY % Mean of day

Station	on 19th	Diff. from normal
Alexandria	77	+2
Ezbekiya	52	-7
Giza	53	-6
Helwan	52	+4

GIZA GRASS MINIMUM TEMP. ON 20th 15.5 °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 20th At 3h

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000		22	89	350	6
950					
900					
850	1454	22	36	300	9
800					
700	3114	15		320	9
600					
500	5874	-2		340	16
400		-9			
300					

RAWINSONDE — … AIRPORT — On … At … (pressure levels 1000–300 mbs; no entries)

RAWINSONDE — … AIRPORT — On … At … (pressure levels 1000–300 mbs; no entries)

UPPER WIND OBSERVATIONS on 19th

Height m.	Matruh (14) Dir.	Vel.	Fouad A.P. (15) Dir.	Vel.	Port Said (15) Dir.	Vel.	Minya (15) Dir.	Vel.	Hurghada (15) Dir.	Vel.
300	310	18	290	18	310	23	10	16	350	29
600	320	18	300	40	280	18	10	22	340	28
1000	310	18	310	38	250	19	360	13	330	30
1500	340	20	330	22	280	10	330	25	300	19
2000	340	21	320	28	280	9	290	15	270	17
3000	350	14	310	16	270	11				
4000			340	17						
5000										
6000										
7000										
8000										

UPPER WIND OBSERVATIONS on 20th

Height m.	Sidi Barani (9) Dir.	Vel.	Matruh (3 30) Dir.	Vel.	Fouad Airport (5) Dir.	Vel.	Port Said (3) Dir.	Vel.	El Arish Dir.	Vel.	Helwan (9) Dir.	Vel.	Minya (3) Dir.	Vel.	Asyut Manqabad (9) Dir.	Vel.	Luxor Dir.	Vel.	Aswan Dir.	Vel.	Hurghada (9) Dir.	Vel.	Farouk (3) Dir.	Vel.
300	310	12	300	19	290	19	360	17			260	6	330	11	310	7					10	16	320	6
600	310	9	310	16	310	21	360	19			270	9	320	11	300	12					340	12	280	6
1000	330	8	300	10	340	19					290	11	310	18	310	16					320	16	290	6
1500	320	8	320	19	300	10					230	9	300	25	290	11					290	20	300	9
2000	330	10			280	10									300	11					280	26	310	9
3000															250	13							320	9
4000															250	14								
5000																							340	11
6000																							340	10
7000																								
8000																								

Height m.	Siwa (9) Dir.	Vel.	Bahariya (9) Dir.	Vel.	Dakhla (9) Dir.	Vel.	Kharga (7) 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 (4 45) Dir.	Vel.	Malakal Dir.	Vel.
300	290	9	310	30	330	8	110	3																
600	320	8	310		320	8	100	4																
1000	330	9	130	17	350	9															200	6		
1500	350	5			300	7															240	7		
2000	350	10			270	14																		
3000	350	17																			50	8		
4000	360	14																						
5000																								
6000																								
7000																								
8000																								

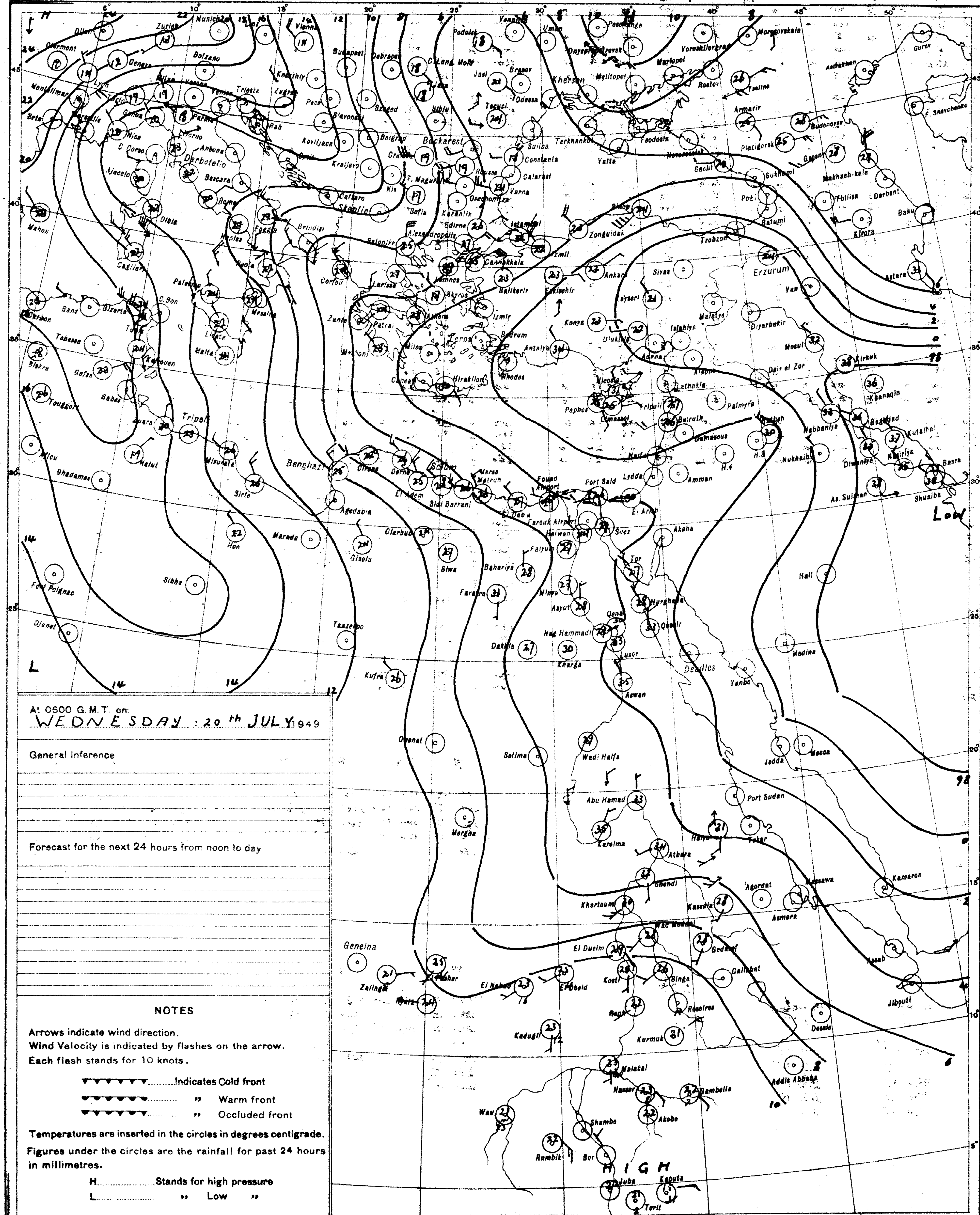
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

K. N.

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 7 1949



At 0600 G.M.T. on: WEDNESDAY : 20th JULY 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 } Thunderstorm during		91
Hail } the past hour		93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

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

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 07 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 21st July, 1949

At 1200 on Wed 20th / At 1800 on Wed 20th

Area	Index Number	Station	1200 Wind Direction	1200 Wind Velocity in knots	1200 Visibility in km	1200 Present Weather	1200 Past Weather	1200 Cloud Amount 0-8	1200 Cloud Form	1200 Bar. Pressure M.S.L. mbs	1200 Temperature °C	1200 Humidity %	1200 Dew Point °C	1800 Wind Direction	1800 Wind Velocity in knots	1800 Visibility in km	1800 Present Weather	1800 Past Weather	1800 Cloud Amount 0-8	1800 Cloud Form	1800 Bar. Pressure M.S.L. mbs	1800 Temperature °C	1800 Humidity %	1800 Dew Point °C	Rain past 12 hrs mms
Mediterranean	62300	SALUM	320	12	7	02	0	0	–	5.4	34	41	19	320	10	7	02	0	0	–	6.2	28	58	19	0
	62303	SIDI BARANI	320	12	35	02	2	8	Cs	6.4	27	74	24	320	5	35	02	2	8	Cs	7.5	24	94	23	0
	62306	MATRUH	340	14	18	00	0	0	–	5.6	29	62	21	340	8	10	00	1	0	–	6.3	24	89	22	0
	62309	EL DABA	320	7	35	00	0	0	–	6.4	29	66	22	320	4	15	00	0	0	–	5.5	25	79	21	0
		ALEXANDRIA	270	15		00	0	0	–	4.7	29	70	23	330	6		00	0	0	–	6.2	25	84	22	0
	62318	FOUAD (Airport)	320	13	12	02	0	0	–	4.4	30	55	20	330	9	10	02	0	0	–	5.4	25	84	22	0
	62330	DAMIETTA	340	5	15	00	0	0	–	4.2	30	59	21	320	5		02	0	0	–	5.6	27	70	21	0
	62333	PORT SAID	360	9	12	02	0	5	–	3.8	29	74	24	340	13	14	02	0	0	–	4.6	27	66	20	0
	62336	EL ARISH	320	2	35	02	0	0	–	4.3	29	52	18												
Lower Egypt	62339	DAMANHUR	230	13	7	02	0	0	–	3.9	33	38	17	310	5	7	02	0	0	–	5.6	26	74	21	0
	62342	MANSURA	360	5	35	00	1	0	–	4.0	35	37	18	320	5		00	0	0	–	5.0	28	52	17	0
	62348	TANTA	270	5	35	02	0	0	–	4.8	35	37	18	00	0	35	02	0	0	–	5.8	28	62	20	0
	62354	ZAGAZIG	320	9	15	00	0	0	–	4.7	35	47	22	320	5		00	0	0	–	5.5	28	58	19	0
	62441	ISMAILIA	290	2	35	02	0	0	–	3.5	36	37	19	290	2	15	02	0	0	–	4.8	31	38	15	0
Cairo Area	62366	FAROUK (Airport)																							
	62372	ALMAZA	240	12	30	00	0	0	–	3.7	35	39	19	310	9	12	00	0	0	–	5.4	31	43	17	0
		EZBEKIYA	320	5	35	00	0	0	–	4.0	33	30	15	360	2	15	00	0	0	–	5.5	30	40	15	0
		GIZA	320	5	35	00	0	0	–	4.7	35	31	16	360	2	15	00	0	0	–	6.2	30	37	13	0
	62378	HELWAN	290	7	35	02	0	0	–	4.0	34	32	15	340	9	15	02	0	0	–	5.1	32	34	14	0
Upper Egypt	62381	FAIYUM	00	0	35	02	0	0	–	4.4	34	32	15	00	0	35	02	0	0	–	4.3	33	30	13	0
	62387	MINYA	340	11	12	00	0	1	Ci	4.1	38	16	8	00	0	10	00	0	0	–	4.5	31	38	15	0
	62393	ASYUT Manqabad	340	10	30	03	0	1	Ci	4.0	36	15	6												
	62399	NAG HAMMADI	320	3	15	00	0	0	–	3.4	37	27	15	00	0		02	0	0	–	4.2	29	40	14	0
	62402	QENA	290	5	50	00	0	0	–	3.1	39	21	13	270	2	7	00	0	0	–	4.3	30	35	13	0
	62405	LUXOR												310	3	12	00	0	0	–	3.2	34	22	9	0
	62414	ASWAN	320	6	50	00	0	0	–	2.8	41	16	10	360	4	50	00	0	0	–	3.8	38	13	5	0
Oases	62417	SIWA	270	5	35	00	0	0	–	7.6	37	22	12	00	0	7	00	0	0	–	7.1	35	23	11	0
	62420	BAHARIYA	360	5	35	02	0	0	–	5.0	36	13	4	320	1	35	02	0	0	–	6.0	32	15	2	0
	62423	FARAFRA	340	5	35	02	1	2	As	5.3	38	9	0	360	2	15	02	1	0	–	4.6	31	22	7	0
	62432	DAKHLA	320	3	50	00	0	0	–	4.6	37	18	9	320	1	35	00	0	0	–	4.3	34	22	9	0
	62435	KHARGA	00	0	35	00	0	0	–	4.4	39	14	7	00	0	15	00	0	0	–	3.7	33	16	4	0
Red Sea	62450	SUEZ	00	0	35	02	0	0	–	3.0	36	29	15	00	0	7	02	0	0	–	5.1	33	30	13	0
	62459	TOR	310	9	35	00	0	0	–	3.1	34	50	22	40	6	15	00	0	0	–	2.8	32	56	22	0
	62462	HURGHADA	340	8		00	0	0	–	2.1	30	70	24	00	0		00	0	0	–	2.6	30	43	16	0
	62465	QUSEIR	40	9	15	02	0	0	–	3.0	31	66	24	40	5	15	02	0	0	–	4.0	31	52	20	0
	62641	PORT SUDAN	50	10	30	01	2	5	Ac	2.0	37	33	18												
North Sudan	62600	WADI HALFA	340	2	30	02	0	1	Ci	3.0	39	12	5												
	62640	ABU HAMAD	270	2	30	03	1	7	Ac	1.9	41	17	11												
	62650	KAREIMA	320	6	30	01	1	5	Ac, Ci	2.4	42	11	5												
	62680	ATBARA	340	5	30	01	0	7	Cu, Ac	2.3	40	15	9												
	62721	KHARTUM	230	14	30	03	0	2	Cu, Ac, Ci	4.0	38	21	12												
	62730	KASSALA	230	9	30	03	1	5	Cu	4.9	36	35	18												
Central Sudan	62751	WAD MEDANI	180	9	35	02	0	6	Cu	4.3'	38	21	12												
	62801	RENK	230	9	50	02	1	6	Cu		37	45	23												
	62802	ROSEIRES																							
	62771	EL OBEID	220	12	30	02	2	1	Cu	6.2	33	36	16												
	62760	EL FASHER	50	5	30	01	1	6	Cb, Ac		35	23	11												
	62770	GENEINA	290	7	30	02	1	7	Cu		31	43	17												
S. Sudan	62840	MALAKAL	180	9	30	02	2	6	Cu, Ac	8.9	29	66	22												
	62880	WAU	230	1	30	02	1	8	Cu, Ac	9.0	27	70	21												
	62941	JUBA	310	2	30	03	2	7	Cb, Ci	7.6	31	55	21												

At 0600 on Thursday 21st

Wind Direction	Wind Velocity in knots	Visibility in km	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Dry Bulb	Max. Yesterday	Max. Diff. from normal	Min. Today	Min. Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs	Rainfall Total from Oct. 1st	Rainfall Normal from Oct. 1st	Station
320	13	7	02	0	0	–	9.6		26	35		20		62	18	0			SALUM
290	13	50	02	2	8	Cu, Ci	10.0		25	28		22		89	20	0	278		SIDI BARANI
340	11	14	00	0	0	–	8.3		25	30		20		74	20	0			MATRUH
320	5	35	00	0	0	–	10.2		27			21		70	21	0			EL DABA
270	10	50	01	1	0	–	8.6	-1.0	26	27	-1	23	0	74	21	0	267	186	ALEXANDRIA
330	10	12	03	1	3	Sc	7.5		26	32		23		74	21	0	265	138	FOUAD (Airport)
220	2		03	1	3	Fs, Fc	7.8	-0.7	27	32		19		84	24	0	319	106	DAMIETTA
260	10	12	01	1	3	Sc	7.6		26	33		25		74	21	0	72		PORT SAID
																		94	EL ARISH
310	19	7	03	1	6	St	8.2	-0.6	26	34	+1	20	0	84	23	0	102	101	DAMANHUR
270	5	15	02	0	8	As	7.8	-0.8	24	36	+1	22	+1	94	23	0	49	55	MANSURA
220	2	35	01	2	4	Cu	8.1	-1.1	25	35	0	18	-1	84	22	0	34	44	TANTA
220	5	7	00	0	0	–	8.0	-1.3	26	37	+2	21	+1	74	21	0	21	27	ZAGAZIG
220	2	7	02	0	0	–	8.0		25	36		22		74	20	0	14		ISMAILIA
																			FAROUK (Airport)
290	3	14	00	1	0	–	8.0	-1.1	25	36		21		84	22	0			ALMAZA
320	2	15	00	0	0	–	8.7	-0.3	27	36	0	22	0	70	21	0	8	26	EZBEKIYA
320	2	15	00	0	0	–	8.7	-0.2	28	37	+2	20	+1	67	21	0	16	27	GIZA
340	3	7	06	0	0	–	8.3	-0.7	24	36	+1	21	0	74	19	0	16	29	HELWAN
00	0	35	02	0	0	–	8.6	-0.4	29	37	0	22	+1	52	18	0	8	8	FAIYUM
20	9	10	00	0	0	–	7.5		27	39		20		52	16	0	5		MINYA
00	0	30	00	0	0	–	7.7		28			22		37	12	0	Dr.		ASYUT Manqabad
00	0		00	0	0	–	7.4	+0.4	29	38		19		46	16	0	0		NAG HAMMADI
240	2	35	00	0	0	–	5.8	-0.9	31	41	+1	24	0	38	15	0	Dr.		QENA
		30	00	0	0	–	6.6		34	40		21		23	10	0	Dr.		LUXOR
340	7	50	00	0	0	–	3.6	-3.4	34	42	+1	26	0	25	11	0	2		ASWAN
340	4	50	00	0	0	–	7.6	-4.0	25	38	0	21	0	70	19	0	1	8	SIWA
00	0	35	02	0	0	–	8.0	-1.9	30	38	+1	21	+1	35	13	0	Dr.	7	BAHARIYA
00	0	15	02	0	0	–	8.8		31			20		31	12	0	Dr.		FARAFRA
00	0	35	00	0	0	–	7.2	-1.4	29	39	0	22	-1	35	12	0	Dr.		DAKHLA
00	0	35	00	0	0	–	7.6	-0.1	30	41	+1	22	-1	31	11	0	0		KHARGA
00	0	35	00	0	0	–	8.2?	0.0	30	39	+3	22	-1	46	17	0	12	17	SUEZ
310	5	35	00	0	0	–	5.5?	-0.3	27	39	+4	25	+1	84	24	0	Dr.	13	TOR
300	16		00	0	0	–	6.3?		29	33		24		62	21	0	7		HURGHADA
20	9	15	02	0	0	–	5.6	-0.4	34	34		27	0	22	9	0	0	4	QUSEIR
																		100	PORT SUDAN
																	27		WADI HALFA
																			ABU HAMAD
																	6	8	KAREIMA
																	8	21	ATBARA
210	18	30	01	1	4	Ac, Ci	7.8		31	39		29		43	17	0	14	52	KHARTUM
190	9	30	02	1	8	Ac	9.7		27	38		23		58	18	0	102	111	KASSALA
230	9	50	02	3?	8	Ac	9.9		26	38		28		70	20	2	101	139	WAD MEDANI
																		250	RENK
																	281	368	ROSEIRES
200	9	30	02	2	7	Ac	9.5		27	34		25		62	19	0	68	134	EL OBEID
170	2	30	01	1	3	Ac			27	36		24		58	18	0.1	26	91	EL FASHER
																		180	GENEINA
																	650	441	MALAKAL
180	2	30	01	1	4	Ac, Ci	12.2		23	28		21		89	21	6	604	660	WAU
																	464	684	JUBA

HUMIDITY % Mean of day

Station	on 20th	Diff. from normal
Alexandria	81	+6
Ezbekiya	53	-6
Giza	47	-13
Helwan	53	+4

GIZA GRASS MINIMUM TEMP ON 21st 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

Farouk AIRPORT — On 21st At 3h

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000		21	88	00	0
950					
900					
850	1463	19	28		
800					
700	3112	13			
600					
500	5859	-3			
400		-10			
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 20th

Station	Matruh				Fuad A.P								Minya				Hurghada											
Time	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	310	19			290	16							10	12			350	26										
600	300	16			300	23							10	11			350	22										
1000	330	18			300	26							360	14			340	16										
1500	310	13			310	27							350	12			320	13										
2000	310	21			320	22							340	10			290	12										
3000																	230											
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			
Time	9				3		4				9 30		3		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	310	11			290	16	260	7			310	13	20	16	350	6			10	15	350	30		
600	310	10			310	17	310	17			330	17	10	18	330	8			360	12	340	30		
1000	290	9			310	20	320	17			330	7	350	13	320	11			360	12	330	29		
1500	300	11			300	14	360	6			340	18	300	16	320	14			310	19	300	32		
2000	290	10			300	19	20	5			330	26	290	10					290	22				
3000													310	10					280	18				
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	9		9		9		7		4												5		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	20	12	350	7	260	3	360	6	10	7														
600	20	10	350	9	250	4	10	11	360	12													210	11
1000	350	5	340	10	270	8	10	14	10	16											160	5	220	8
1500	290	10			210	10	10	15	330	9											150	3	200	7
2000	290	14			200	11	340	11															160	7
3000	270	14			160	16			250	9													80	18
4000	350	5			150	14																		
5000	350	10																						
6000																								
7000																								
8000																								

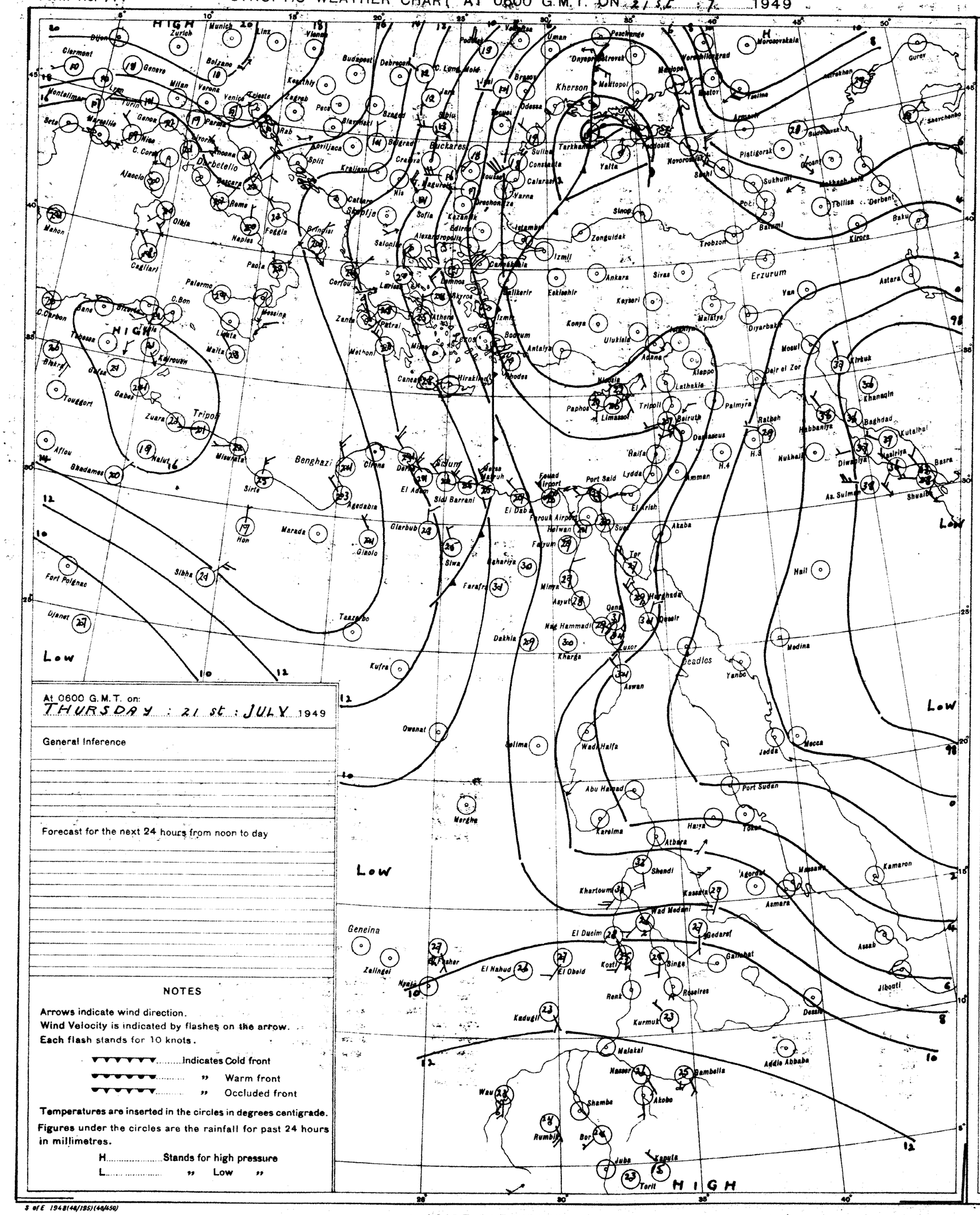
Remarks: 1- Wind Direction in degrees east of North.
2- „ Velocity „ Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 21st July 1949



At 0600 G.M.T. on:
THURSDAY : 21 st : JULY 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 "

S of E 1948(48/195)(44/450)

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

CAIRO

Time of Sunrise 03 07 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 22nd July , 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	320	10	7	02	0	0	—	9.6	30	52	19
	62305	SIDI BARÂNI	320	13	35	02	2	8	Cu, Cs	10.6	26	74	21
	62306	MATRÛH	350	15	18	00	0	0	—	9.0	27	58	19
	62309	EL DABA	320	6	35	00	0	0	—		27	70	21
		ALEXANDRIA	310	9	50	00	0	0	—	8.4	28	70	22
	62318	FOUAD (Airport)	300	14	18	01	0	0	—	8.4	28	70	22
	62330	DAMIETTA	340	2	15	01	0	0	—	7.8	30	59	21
	62333	PORT SAÏD	360	12	30	02	0	0	—	7.6	28		
	62336	EL 'ARISH	320	2	35	01	0	0	—	6.3	29	74	25
LOWER EGYPT	62339	DAMANHUR	270	13	15	02	0	0	—	8.2	32	49	20
	62342	MANSURA	320	5	35	00	1	0	—	7.8	34	41	19
	62348	TANTA	310	5	35	02	0	0	—	8.3	36	36	17
	62354	ZAGAZIG	320	5	15	00	0	0	—	8.2	35	37	18
	62441	ISMAÏLIA	290	2	35	02	0	0	—	7.0	36	17	7
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMAZA											
		EZBEKIYA	320	3	35	00	0	0	—	7.0	35	32	16
		GIZA	320	3	35	00	0	0	—	7.0	36	36	18
	62378	HELWÂN	290	11	15	06	0	0	—	6.8	35	19	8
UPPER EGYPT	62381	FAIYUM	00	0	35	02	0	0	—	7.1	36	25	13
	62387	MINYA	20	11	12	00	0	0	—	6.9	37	10	0
	62393	ASYÛT MANFALUT	310	9	30	00	0	0	—	6.7	37	17	8
	62399	NAG' HAMMADI	270	3	15	00	0	0	—	5.3	37	22	12
	62402	QENA	270	5	50	00	0	0	—	4.8	41	17	11
	62405	LUXOR											
	62414	ASWÂN	360	6	50	00	0	0	—	4.6	40	12	5
OASES	62417	SÎWA	00	0	35	00	0	0	—	10.3	38	25	15
	62420	BAHARÎYA	360	5	35	02	0	0	—	6.8	38	16	8
	62428	FARAFRA	270	4	35	02	0	0	—	7.4	40	12	6
	62432	DAKHLA	320	6	50	00	0	0	—	4.8	38	22	13
	62438	KHARGA	340	4	35	00	0	0	—	5.5	39	11	3
RED SEA	62450	SUEZ	00	0	35	02	0	0	—	5.9	36	29	15
	62459	TÛR	310	8	35	00	0	0	—	4.0	33	59	24
	62462	HURGHADA	330	15		00	0	0	—	4.6	31	52	20
	62465	QUSEIR	360	13	15	02	0	0	—	4.8	32	59	23
	62641	PORT SUDAN	270	13	30	01	1	1	ac	2.5	39	28	17
NORTH SUDAN	62600	WÂDI HALFA	310	9	18						42	12	7
	62640	ABU HAMAD	20	5	30	03	1	5	ac	1.6	44	20	16
	62660	KAREIMA	310	2	30	00	0	2	ac, cs	2.4	43	12	8
	62680	'ATBARA	360	2	30	03	1	6	cs	2.0	42	18	13
	62721	KHARTUM	200	8	30	03	1	5	Cu, cs	4.3	39	20	12
	62736	KASSALA	230	5	35	42	1	7	cu, cs	4.5	37	33	18
CENTRAL SUDAN	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	210	7	30	03	1	6	Cu, Ac		35	37	18
	62760	EL FASHER											
	62770	GENEINA	290	6	30	01	1	6	Cu, Ac		30	46	17
S. SUDAN	62640	MALAKÂL	230	5	30	02	2	7	Cu, Ac	8.7	31	62	23
	62880	WAU	180	2	30	02	1	6	Cu, Ac	9.1	29	59	20
	62941	JUBA	200	2	30	03	2	7	Cu, Cs	8.4	31	55	21

At 1800 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	RAIN PAST 12 hrs mms
MEDITERRANEAN	62300	SALÛM	320	10	7	02	0	0	—	11.6	25	74	20	0
	62305	SIDI BARÂNI	340	9	35	02	2	8	Cs	11.4	24	94	23	0
	62306	MATRÛH	20	8	12	02	1	5	Sc	10.6	25	84	22	0
	62309	EL DABA	320	4	15	0 C	C	C	—	11.0	24	94	23	0
		ALEXANDRIA	360	8		03	1	5	Sc, Cu	9.8	25	84	22	0
	62318	FOUAD (Airport)	340	17	13	03	1	4	Sc	8.9	25	74	20	0
	62330	DAMIETTA	320	2		03	1	2	Cu	7.9	26	74	21	0
	62333	PORT SAÏD	320	17	14	03	0	1	Sc	8.2	26	74	21	0
	62336	EL 'ARISH	320	3	35	03	0	1	Cu	6.2	26	84	23	0
LOWER EGYPT	62339	DAMANHUR	310	7	7	02	0	0	—	9.4	25	74	20	0
	62342	MANSURA	360	5		00	0	0	—	8.6	26	79	20	0
	62348	TANTA	360	2	35	02	0	0	—	8.9	26	62	18	0
	62354	ZAGAZIG	320	5		00	0	0	—	8.6	27	62	19	0
	62441	ISMAÏLIA	360	2	15	02	0	0	—	8.0	29	52	18	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMAZA												
		EZBEKIYA	360	3	15	00	0	0	—	8.6	29	46	16	0
		GIZA	360	3	15	00	0	0	—	9.3	28	43	15	0
	62378	HELWÂN	340	9	15	00	0	0	—	7.9	30	35	13	0
UPPER EGYPT	62381	FAIYUM	360	2	35	02	0	0	—	6.6	34	27	12	0
	62387	MINYA				00	0	0	—					
	62393	ASYÛT MANFALUT												
	62399	NAG' HAMMADI	00	0		00	0	0	—	5.3	30	35	13	0
	62402	QENA	240	2	7	00	0	0	—	5.3	30	35	13	0
	62405	LUXOR												
	62414	ASWÂN	360	4	50	00	0	0	—	5.3	37	25	14	0
OASES	62417	SÎWA	00	0	35	00	0	0	—	10.3	30	35	13	0
	62420	BAHARÎYA	320	3	15	02	0	0	—	7.6	33	21	8	0
	62428	FARAFRA	340	4	15	02	0	0	—	8.6	31	21	7	0
	62432	DAKHLA	320	2	35	00	0	0	—	7.1	34	27	12	0
	62438	KHARGA	350	5	15	00	0	0	—	6.6	35	15	5	0
RED SEA	62450	SUEZ	00	0	15	02	0	0	—	6.7	30	52	19	0
	62459	TÛR	310	6	15	00	0	0	—	4.7	29	74	24	0
	62462	HURGHADA	290	9		00	0	0	—	4.0	30	55	20	0
	62465	QUSEIR	330	5	15	02	0	0	—	5.1	32	28	11	0
	62641	PORT SUDAN												
NORTH SUDAN	62600	WÂDI HALFA												
	62640	ABU HAMAD												
	62660	KAREIMA												
	62680	'ATBARA												
	62721	KHARTUM												
	62736	KASSALA												
CENTRAL SUDAN	62751	WÂD MEDANI												
	62801	RENK												
	62802	ROSEIRES												
	62771	EL OBEID												
	62760	EL FASHER												
	62770	GENEINA												
S. SUDAN	62640	MALAKÂL												
	62880	WAU												
	62941	JUBA												

At 0600 on Friday 22nd July,

AREA	INDEX NUMBER	STATION	WIND 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	TEMPERATURES °C MAXIMUM Yesterday	TEMPERATURES °C MAXIMUM Diff. from normal	TEMPERATURES °C MINIMUM Today	TEMPERATURES °C 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.
MEDITERRANEAN	62300	SALÛM	320	8	7	02	0	0	—	12.3		25	31		19		74	20	0		
	62305	SIDI BARÂNI	320	8	35	02	2	8	Cu, Cs	12.6		24	28		22		84	21	0	2.78	
	62306	MATRÛH	350	9	18	03	1	4	Cu	11.3		26	28		22		70	20	0		
	62309	EL DABA	320	7	35	00	0	0	—	10.7		26			22		74	21	0		
		ALEXANDRIA	310	11	50	03	2		Sc, Cu	10.2	+0.6	26	29	-1	24	+1	62	18	0	267	186
	62318	FOUAD (Airport)	340	16	30	02	0	0	—	9.9		26	30		23		55	16	0	265	138
	62330	DAMIETTA	320	5		00	0	0	—	9.0	+0.5	26	32		21		62	18	0	319	106
	62333	PORT SAÏD	330	12	15	03	1	5	Sc	8.7		26	31		24		70	20	0	72	
	62336	EL 'ARISH	220	2	35	03	1	3	Cu	8.2	-0.4	28	30	0	22	+1	70	22	0		74
LOWER EGYPT	62339	DAMANHUR	310	19	7	02	0	0	—	9.8	+1.0	26	33	0	21	+1	84	23	0	102	101
	62342	MANSURA	320	5	35	00	0	0	—	9.1	+0.5	26	35	0	20	-1	62	18	0	49	55
	62348	TANTA	310	8	35	02	0	0	—	9.1	-0.1	25	35	0	17	-2	61	17	0	34	44
	62354	ZAGAZIG	320	5	7	00	0	0	—	9.1	-0.1	27	37	+2	20	0	62	19	0	21	27
	62441	ISMAÏLIA	290	2	15	02	0	0	—	8.6		27	37		23		62	19	0	14	
CAIRO AREA	62366	FAROUK (Airport)																			
	62372	ALMAZA																			
		EZBEKIYA	330	8	12	03	1	4	Sc	9.6		25			23		74	20	0		
		GIZA	340	3	15	00	0	0	—	9.4	+0.4	25	36	0	22	0	74	20	0	8	26
			340	3	15	00	0	0	—	9.4	+0.5	26	36	+1	21	+2	62	18	0	16	27
	62378	HELWÂN	340	9	7	00	1	1	St	9.5	+0.6	24	36	+1	22	+1	74	19	0	16	29
UPPER EGYPT	62381	FAIYUM	20	2	35	02	0	0	—	7.6	+0.6	26	38	+1	21	0	70	20	0	8	8
	62387	MINYA	20	16	12	00	0	0	—	9.1		25			20		70	19	0	5	
	62393	ASYÛT MANFALUT	340	9	30	00	0	0	—	9.0		26			23		51	15	0	dr.	
	62399	NAG' HAMMADI	360	1		00	0	0	—	7.4	+0.4	29	38		20		52	18	0	0	
	62402	QENA	270	5	35	00	0	0	—	6.0	-0.7	31	42	+2	23	-1	38	15	0	dr.	
	62405	LUXOR																		dr.	
	62414	ASWÂN	360	2	50	00	0	0	—	7.5	+0.5	33	42	+1	27	+1	32	14	0	2	
OASES	62417	SÎWA	00	0	35	00	0	0	—	13.6	+2.0	25	38	0	21	0	74	20	0	1	8
	62420	BAHARÎYA	360	4	35	02	0	0	—	10.7	+0.8	25	40	+3	21	+1	70	19	0	dr.	7
	62428	FARAFRA	360	3	15	02	0	0	—	10.7		28	40		22		45	15	0	dr.	
	62432	DAKHLA	320	2	35	00	0	0	—	8.4	-0.1	30	39	0	25	+2	35	13	0	dr.	
	62438	KHARGA	360	1	35	00	0	0	—	6.2	+0.5	31	41	+1	23	0	31	12	0	0	
RED SEA	62450	SUEZ	00	0	35	00	0	0	—	7.6	-0.6	27	31	+1	22	-1	62	19	0	12	17
	62459	TÛR	360	10	35	00	0	0	—	5.3	-0.5	28	36	+2	27	+3	74	23	0	dr.	13
	62462	HURGHADA	290	21		00	0	0	—	5.6		28	32		25		62	20	0	7	
	62465	QUSEIR	360	13	15	02	0	0	—	5.8	-0.2	31	35	+1	27	0	49	19	0	0	4
	62641	PORT SUDAN	00	0	30	01	1	3	Ac	4.5		35	40		27		39	19	0		100
NORTH SUDAN	62600	WÂDI HALFA	00	0	30	00	0	0	—	6.8		30	44		27		19	4	0	27	
	62640	ABU HAMAD																			
	62660	KAREIMA	50	6	30	00	1	1	Ac	5.4		35	44		29		16	6	0	6	8
	62680	'ATBARA	340	9	30	02	1	3	Ac	4.2		35	43		27		23	11	0	8	22
	62721	KHARTUM	240	15	30	02	0	2	Ac	6.5		32	40		30		43	18	0	14	54
	62736	KASSALA	20	9	30	00	1	0	—	8.0		29	39		26		59	20	0	102	115
CENTRAL SUDAN	62751	WÂD MEDANI																	5	106	143
	62801	RENK																			254
	62802	ROSEIRES																		281	374
	62771	EL OBEID	210	8	30	25	1	8	Sc, Ac	9.4		27	36		25		70	21	dr.	66	137
	62760	EL FASHER	310	8		15	9	7	Cb			23	36		20		84	20	12	38	95
	62770	GENEINA	310	2	30	02	2	7	Ac			23	32		22		78	19	13		186
S. SUDAN	62640	MALAKÂL																		650	441
	62880	WAU	00	0	30	02	1	0	—	11.7		24	31		23		88	22	0	604	666
	62941	JUBA	180	5	30	02	2	7	Sc, Ac	13.7		23	31		20		84	20	0	464	688

HOURLY MEAN OF DRY BULB TEMPERATURE

STATION	On 21st.	Diff. from normal
Alexandria	80	+5
Ezbekiya	54	-5
Giza	51	-9
Helwân	53	+4

GIZA

GRASS MINIMUM TEMP. ON 22nd 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 Farouk AIRPORT 22nd At 3

PRESSURE mbs	HEIGHT ABOVE M.S.L. Metres	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	79	22	65	360	15
950					
900					
850	1482	16	39	340	24
800					
700	3139	14		360	7
600					
500	5890	-1		30	11
400		-11			
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. 21st

STATION	Matruh		Fuad A.P.				Minya				Hurghada													
TIME	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.
300	320	16	300	19			20	24			340	38												
600	320	14	35	15			20	28			340	40												
1000	320	14	310	23			10	25			340	40												
1500			300	22			330	16			290	26												
2000			300	35							200	15												
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on Friday 22nd

STATION	SIDI BARANI		MATRUH		FUAD AIRPORT		PORT SAID		EL 'ARISH		HELWAN		MINYA		ASYUT MANFALUT		LUXOR		ASWAN		HURGHADA		
TIME	9		4 30		3		3						4 30		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	320	11	310	15	330	19	300	16					10	20	300	14					340	18		
600	310	10	340	16	330	23	310	12					360	27	330	18					320	25		
1000	330	6	340	18	330	35	310	20					330	29	330	23					300	31		
1500			350	16	300	26	310	31					310	23	310	25					310	13		
2000			340	16	310	29							300	25							260	18		
3000					280	11																		
4000					280	10																		
5000																								
6000																								
7000																								
8000																								

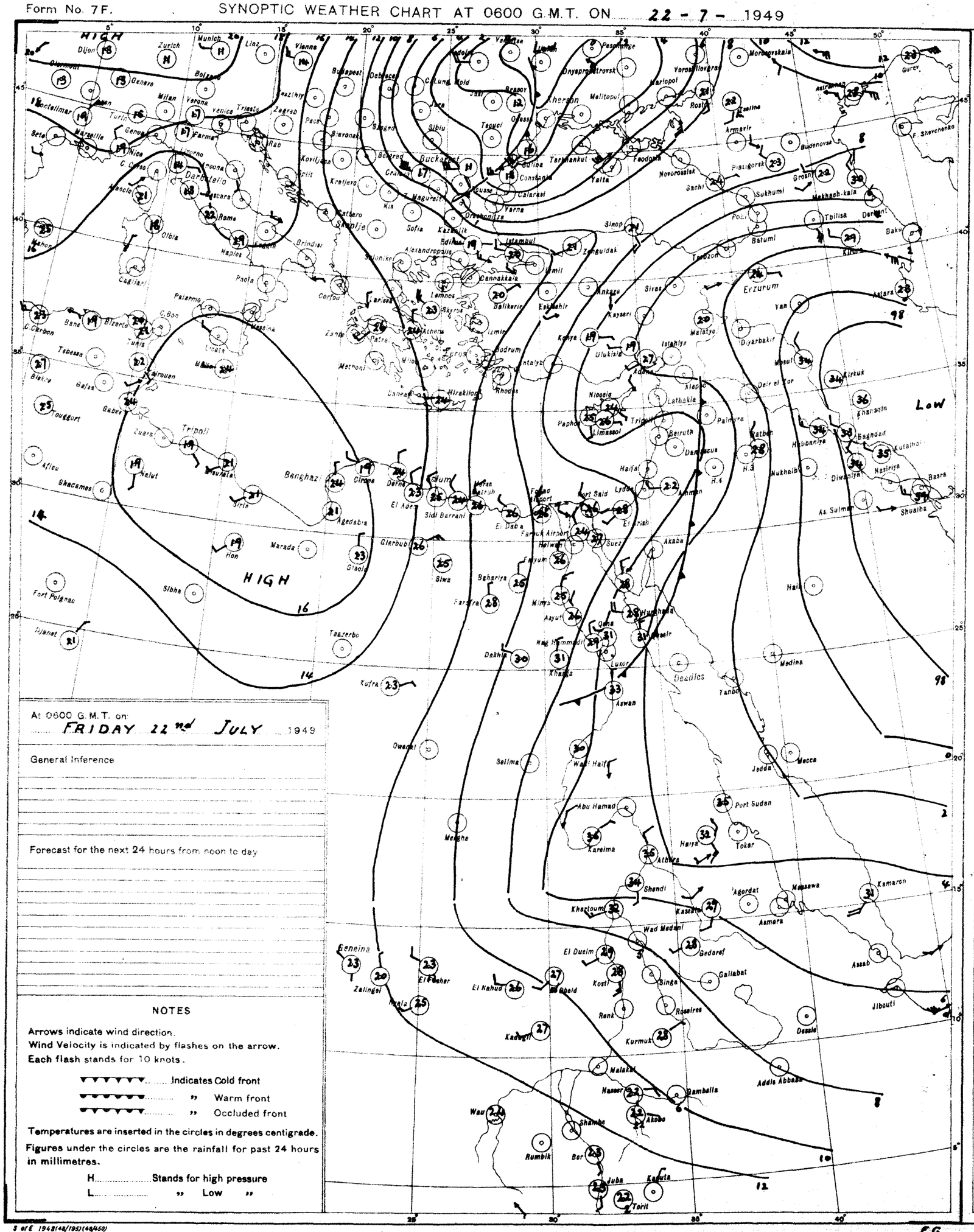
STATION	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME	9		9		9		7										4						4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	70	6	30	12	350	10	10	10															190	13
600	50	9	30	20	350	7	360	12									190	15					220	15
1000	60	8	20	12	360	11	350	14									320	37					190	13
1500	360	19	320	17	330	16																	60	6
2000	340	10																					50	10
3000	320	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 22 - 7 - 1949



At 0600 G.M.T. on:
FRIDAY 22nd JULY 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 neard	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	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze (vis less than 1000 m.)	4
Drizzle	5
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 08 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 : Saturday 23rd July , 1949

At 1200 on Fri. 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	02	0	0	—	11.6	28	58	19
	62303	SÎDI BARÂNI	340	12	35	02	2	8	Cs	12.3	26	74	21
	62306	MATRÛH	360	13	17	01	1	1	Cu	11.4	27	66	20
	62309	EL DABÂ	320	8	35	00	0	0	—	10.9	27	70	21
		ALEXANDRIA	310	10	50	00	0	0	—	9.5	28	52	17
	62318	FOUAD (Airport)	340	19	18	02	1	0	—	9.4	29	46	16
	62330	DAMIETTA	320	9	16	02	0	0	—	8.6	28	58	19
	62333	PORT SAÎD	350	15	30	02	0	0	—	7.8	26	56	19
	62336	EL 'ARISH	320	2	35	02	0	0	—		29	79	25
LOWER EGYPT	62339	DAMANHÛR	310	19	15	02	0	0	—	7.5	26	62	20
	62342	MANSÛRA	360	13	35	00	0	0	—	6.2	31	43	17
	62348	TANTA	310	13	35	02	0	0	—	8.8	30	46	17
	62354	ZAGAZIG	320	5	15	00	0	0	—	6.7	32	43	16
	62441	ISMAÎLIA	290	2	35	02	0	0	—	7.1	34	32	15
CAIRO AREA	62366	FAROUK (Airport)	270	13	30	00	0	0	—	8.1	32	43	18
	62372	ALMÂZA	290	10	30	00	0	0	—	7.6	32	22	6
		EZBEKÎYA	340	6	35	00	0	0	—	7.1	32	38	16
		GÎZA	340	6	35	00	0	0	—	9.1	32	34	14
	62378	HELWÂN	320	5	35	02	0	0	—	7.6	32	24	9
UPPER EGYPT	62381	FAIYÛM	20	6	35	02	0	0	—	7.5	34	22	9
	62387	MINYA	30	17	12	00	0	0	—	7.4	33	30	13
	62393	ASYÛT MANQABAD	310	12	30	00	0	0	—	7.2	34	23	10
	62399	NAG' HAMMADI	290	6	7	00	0	0	—	5.6	35	23	11
	62402	QENA	270	7	50	00	0	0	—	4.3	40	15	9
	62405	LUXOR											
	62414	ASWÂN	40	4	50	00	0	0	—	3.3	40	19	12
OASES	62417	SÎWA	00	0	35	00	0	0	—	12.3	35	35	17
	62420	BAHARÎYA	360	5	35	02	0	0	—	8.8	34	27	12
	62423	FARAFRA	360	7	35	02	0	0	—	9.8	35	15	5
	62432	DAKHLA	320	6	50	00	0	0	—	7.2	36	17	7
	62435	KHARGA	00	0	35	00	0	0	—	7.0	37	18	9
RED SEA	62450	SUEZ	360	16	35	01	0	0	—	6.2	33	24	10
	62459	TÛR	310	15			0	0	—	6.3	34	39	18
	62462	HURGHÂDA	320	19		00	0	0	—		30	55	20
	62465	QUSEIR	20	13	15	02	0	0	—	4.1	32	56	22
	62641	PORT SUDÂN	90	12	30	02	1	3	Ac	3.6	35	50	23
NORTH SUDAN	62600	WÂDI HALFA	340	15	30	00	0	0	—	4.1	41	25	17
	62640	ABU HAMAD	360	5	30	03	0	1	Ac	1.1	44	29	22
	62660	KAREIMA	350	7	30	00	1	1	Cu	2.0	44	8	3
	62680	'ATBARA	50	9	30	03	1	6	Ac	0.8	43	16	12
	62721	KHARTÛM	310	10	30	03	0	5	Cu, Ac	2.6	41	15	9
	62730	KASSALA											
CENTRAL SUDAN	62751	WAD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	250	14	30	03	1	6	Cu, Ac	6.0	34	36	17
	62760	EL FASHER	360	2	30	01	1	3	Cu, Cl		34	32	15
	62770	GENEINA	50	4	30	02	2	5	Cu, Ac		32	36	15
S. SUDAN	62840	MALAKÂL	200	4	30	03	6	8	Cu, Cs	9.4	29	70	23
	62880	WAU	310	10	30	25	8	8	Cb, Ac	10.2	26	79	22
	62941	JUBA	50	5	30	03	2		Fs, As	9.2	31	55	21

At 1800 on Fri. 22nd

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms
MEDITERRANEAN	62300	SALÛM	320	6	7	02	0	0	—	13.0	24	64	16	0
	62303	SÎDI BARÂNI	240	8	35	02	2	8	Sc, Ca, Cs	13.3	24	94	23	0
	62306	MATRÛH	360	5	12	01	1	3	Sc	12.4	24	74	19	0
	62309	EL DABÂ	320	4	15	00	0	0	—	10.8	25	84	22	0
		ALEXANDRIA	310	11	50	00	0	0	—	10.6	25	61	17	0
	62318	FOUAD (Airport)	340	15	12	02	0	0	—	10.0	25	58	16	0
	62330	DAMIETTA	320	9		02	0	0	—	9.3	25	67	17	0
	62333	PORT SAÎD	320	15	18	02	0	0	—	8.7			19	0
	62336	EL 'ARISH			15	02	0	0	—		29	66	22	0
LOWER EGYPT	62339	DAMANHÛR	310	9	7	02	0	0	—	10.8	25	74	20	0
	62342	MANSÛRA	360	5		00	0	0	—	10.0	25	70	19	0
	62348	TANTA	270	2	35	02	0	0	—	10.8	25	61	17	0
	62354	ZAGAZIG	320	5		00	0	0	—	9.8	25	61	17	0
	62441	ISMAÎLIA	40	2	15	02	0	0	—	8.8	27	52	16	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMÂZA												
		EZBEKÎYA	340	3	15	00	0	0	—	10.2	26	68	17	0
		GÎZA	340	3	15	00	0	0	—	10.7	25	54	15	0
	62378	HELWÂN	340	13	15	02	0	0	—	9.2	27	42	13	0
UPPER EGYPT	62381	FAIYÛM	20	8	35	02	0	0	—	8.7	29	40	14	0
	62387	MINYA	10	11	10	00	0	0	—	8.5	29	35	12	0
	62393	ASYÛT MANQABAD												
	62399	NAG' HAMMADI	270	4		00	0	0	—	6.0	29	40	14	0
	62402	QENA	270	2	7	00	0	0	—	5.1	34	22	9	0
	62405	LUXOR	320	11	12	00	0	0	—	4.9	33	30	13	0
	62414	ASWÂN	360	7	50	00	0	0	—	5.3	38	16	8	0
OASES	62417	SÎWA	40	4	35	00	0	0	—	11.8	31	49	19	0
	62420	BAHARÎYA	360	6	15	02	0	0	—	9.6	30	31	11	0
	62423	FARAFRA	340	4	15	02	0	0	—	10.0	28	27	7	0
	62432	DAKHLA	320	6	35	00	0	0	—	8.0	31	28	10	0
	62435	KHARGA	20	1	15	00	0	0	—	7.5	32	15	2	0
RED SEA	62450	SUEZ	00	0	15	02	0	0	—	8.0	28	40	13	0
	62459	TÛR	310	16						5.0	32	38	16	1
	62462	HURGHÂDA	280	19		00	0	0	—	3.8	30	52	19	0
	62465	QUSEIR	330	13	15	02	0	0	—	4.7	30	46	17	0
	62641	PORT SUDÂN												
NORTH SUDAN	62600	WÂDI HALFA												
	62640	ABU HAMAD												
	62660	KAREIMA												
	62680	'ATBARA												
	62721	KHARTÛM												
	62730	KASSALA												
CENTRAL SUDAN	62751	WAD MEDANI												
	62801	RENK												
	62802	ROSEIRES												
	62771	EL OBEID												
	62760	EL FASHER												
	62770	GENEINA												
S. SUDAN	62840	MALAKÂL												
	62880	WAU												
	62941	JUBA												

At 0600 on Saturday 23rd July,

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs	TEMPERATURES °C. Dry Bulb	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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.
MEDITERRANEAN	62300	SALÛM	320	12	7	02	0	0	—	12.6		29	30		19		46	16	0		
	62303	SÎDI BARÂNI	320	12	50	02	2	8	Cs	12.4		25	27		22		70	19	0	278	
	62306	MATRÛH	340	12	13	01	1	3	Cu	11.3		25	27				70	19	0		
	62309	EL DABÂ	320	5	35	01	1	3		10.2		26			22		74	21	0		
		ALEXANDRIA	330	15	50	00	0	0	—	9.9	+0.4	26	29	-1	23	0	62	18	0	267	186
	62318	FOUAD (Airport)	340	17	18	01	1	3	Sc	9.5		26	30		24		62	18	0	265	138
	62330	DAMIETTA	320	5	7	03	0	1	Ac	9.1	+0.6	25	28		20		70	19	0	249	106
	62333	PORT SAÎD	320	13	11	01	1	5	Sc	8.7		26	30		24		65	17	0	72	
	62336	EL 'ARISH	320	3	35	03	2	6	Cu	8.3	-0.3	27	29	-1	21	0	79	23	0		94
LOWER EGYPT	62339	DAMANHÛR	310	13	7	03	1	2	Cu	9.9	+1.1	26	29	-4	20	0	70	20	0	102	101
	62342	MANSÛRA	340	5	35	00	0	0	—	9.3	+0.7	26	31	-4	20	-1	55	16	0	49	55
	62348	TANTA	310	13	35	02	0	0	—	10.3	+1.1	25	31	-4	13	-4	61	17	0	34	44
	62354	ZAGAZIG	220	5	7	00	0	0	—	10.0	+0.8	26	33	-2	18	-2	62	18	0	21	27
	62441	ISMAÎLIA	320	2	7	02	0	0	—	9.0		28	34				95	15	0	14	
CAIRO AREA	62366	FAROUK (Airport)																			
	62372	ALMÂZA																			
		EZBEKÎYA	360	3	15	00	0	0	—	10.0	+1.1	26	33	-3	21	-1	55	16	0	8	26
		GÎZA	360	3	15	00	0	0	—	10.6	+1.8	25	32	-3	18	-1	53	15	0	16	27
	62378	HELWÂN	340	16	7	00	0	0	—	9.5	+0.6	24	32	-3	20	-1	54	14	0	16	29
UPPER EGYPT	62381	FAIYÛM	360	8	35	02	0	0	—	10.3	+1.3	25	35	-2	20	-1	61	17	0	8	8
	62387	MINYA	40	13	12	00	0	0	—	9.6		25	36		22		54	15	0	5	
	62393	ASYÛT MANQABAD	300	8	30	00	0	0	—	9.1		25			20		58	16	0	dr.	
	62399	NAG' HAMMADI	320	3	3	00	0	0	—	6.6	-0.3	27	37		20		52	16	0	0	
	62402	QENA	270	2	35	00	0	0	—	6.2	-0.5	30	42	+2	22	-2	40	15	0	dr.	
	62405	LUXOR											40							dr.	
	62414	ASWÂN	340	8	50	00	0	0	—	7.1	+0.1	30	41	0	25	-1	38	14	0	2	
OASES	62417	SÎWA	00	0	35	00	0	0	—	14.2	+2.6	24			21	0	74	19	0	1	8
	62420	BAHARÎYA	360	6	35	02	0	0	—	10.6	+0.7	24	35	-2	20	0	61	16	0	dr.	7
	62423	FARAFRA	360	3	15	02	0	0	—	12.0		26	37		20		48	14	0	dr.	
	62432	DAKHLA	320	6	35	00	0	0	—	9.6	+1.1	26	37	-2	22	-1	42	12	0	dr.	
	62435	KHARGA	360	3	35	00	0	0	—	9.9	+2.2	27	38	-2	24	+1	33	9	0	0	
RED SEA	62450	SUEZ	360	6	35	00	0	0	—	9.3	+1.1	26	35	-1	20	-3	55	16	0	12	17
	62459	TÛR	310	9			0	0	—	6.0	+0.2	27	36	+2	24	0	84	24	0	dr.	13
	62462	HURGHÂDA	310	24		00	0	0	—	4.7		26	31		23		70	19	0	7	
	62465	QUSEIR	360	13	15	02	0	0	—	4.8	-1.2	29	34	-0	26	-1	46	16	0	0	4
	62641	PORT SUDÂN	80	4	10	06	1	0	—	5.0		33	38		27		53	23	0	40	160
NORTH SUDAN	62600	WÂDI HALFA	360	9	30	00	0	0	—	7.3		30	43		25		43	16	0	27	
	62640	ABU HAMAD	360	13	30	00	0	0	—	4.6		34	44		28		41	19	0		
	62660	KAREIMA	50	7	30	00	0	1	Ac	5.8		33	45		22		24	10	0	6	8
	62680	'ATBARA	230	9	2	05	0	0	—	6.2		32	45		30		49	20	0	8	23
	62721	KHARTÛM	220	20	30	02	1	1	Ci	8.5		30	43		27		49	18	0	14	55
	62730	KASSALA	230	9	30	02	1	8	St, Ac	11.0		26	39		23		70	20	0	102	118
CENTRAL SUDAN	62751	WAD MEDANI	230	9	50	02	1	7	Ac	10.4		26	39		22		70	20	0	106	148
	62801	RENK	230	9	50	02	2	6	As	10.6		22	33		20		83	19	7		258
	62802	ROSEIRES																		281	380
	62771	EL OBEID	220	17	30	02	2	7	Ac, Cs	9.7		25	35		20		79	21	22	96	141
	62760	EL FASHER	290	7	30	02	8	7	Sc, Ac			24	36		22		74	19	1	39	99
	62770	GENEINA	230	5	30	01	2	4	Ac			23	34		23		69	17	0		172
S. SUDAN	62840	MALAKÂL																	1	651	453
	62880	WAU	00	0	30	02	1	9	Ac	13.6		22					94	21	5	609	472
	62941	JUBA																	18	482	692

HUMIDITY

Mean of day

STATION	on 22nd	Diff. from normal
Alexandria	61	-14
Ezbekiya	61	+2
Giza	54	-6
Helwan	55	+6

GIZA
GRASS MINIMUM TEMP.
ON 23rd 16.6 °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 22nd

STATION	Matruh		Minya		Hurghada		P. Said	
TIME	15		15		15		15	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	350	16	350	27	330	23	310	17
600	350	18	350	27	330	28	250	23
1000	310	16	340	13	330	23	300	57
1500	310	17	340	24	280	17		
2000					240	25		
3000								
4000								
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 23rd

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABAD		LUXOR		ASWÂN		HURGHADA	
TIME	9		5		3		4				9	30	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.
300	320	12	310	17	310	13	320	9			310	16	360	26	330	16					330	42
600	320	12	310	22	320	16	310	10			330	19	360	29	340	13					330	21
1000	310	11	320	24	320	12					360	22	360	30	340	18					310	33
1500					340						10	19	330	22	350	25					270	17
2000																					230	5
3000																						
4000																						
5000																						
6000																						
7000																						
8000																						

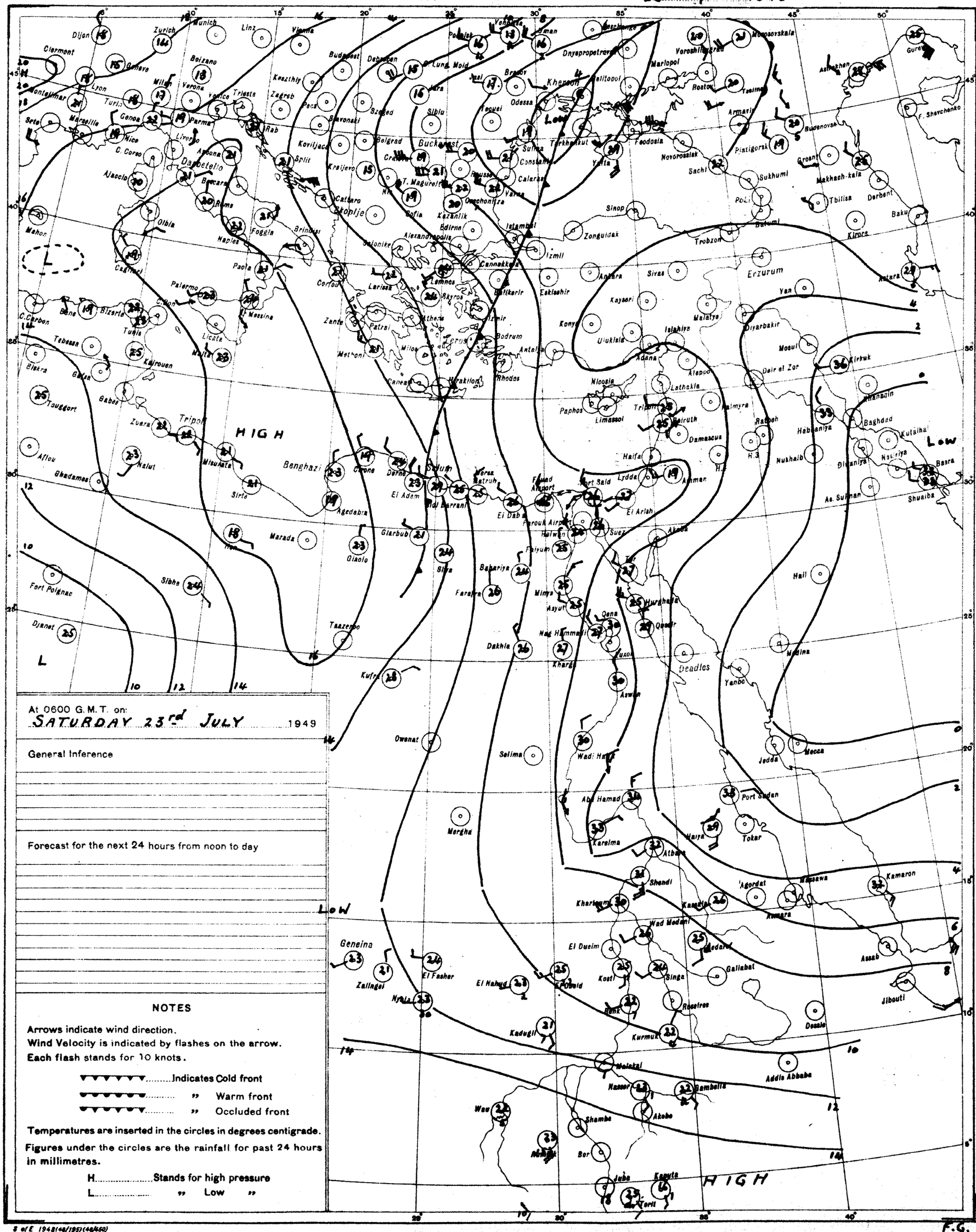
STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		9												3	45	4	45	4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR	VEL.
300	340	5	10	15	340	10	360	25																
600	330	4	350	9	340	16	360	26															90	3
1000	350	8	340	9	340	20	360	26											200	8	30	4	210	2
1500	350	20	340	31	340	25	350	24											220	20	260	4		
2000	350	24																	290	6				
3000	340	12																			270	19		
4000	330	12																						
5000	280	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 23 - 7 - 1949



At 0600 G.M.T. on:
SATURDAY 23rd JULY 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 ,,

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

Cloudless			○
Cirrus	Ci	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)

CAIRO
Time of Sunrise 03 09 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: Sunday 24th July, 1949

At 1200 on Satur 23rd / At 1800 on Satur 23rd

Station	1200 Wind Dir.	Vel. (knots)	Visibility (km)	Present Weather	Past Weather	Cloud Amount	Cloud Form	Bar. M.S.L.	Temp.	Humidity	Dew Point	1800 Wind Dir.	Vel. (knots)	Visibility (km)	Present Weather	Past Weather	Cloud Amount	Cloud Form	Bar. M.S.L.	Temp.	Humidity	Dew Point	Rain past 12 hrs
Salum	320	13	7	02	0	0	—	12.2	30	35	13	320	4	7	02	0	0	—	11.8	24	61	16	0
Sidi Barani	320	16	35	02	2	8	Cs.	12.0	26	74	21	320	11	35	02	2	8	Cs	10.4	24	71	19	0
Matruh	340	14	18	00	0	0	—	10.6	27	62	19												
El Daba	320	6	35	00	0	0	—	10.7	27	70	21	320	4	15	00	0	0	—				20	0
Alexandria	310	11	50	00	0	0	—	8.7	28	52	17	360	9		00	0	0	—	8.6	25	70	19	0
Fouad (Aerodrome)	340	19	18	02	0	0	—	8.6	28	55	18	340	15	12	00	0	0	—	8.7	21	78	18	0
Damietta	290	5	15	00	0	0	—	8.0	27	62	19	320	5		00	0	0	—	8.0	24	74	19	0
Port Said	340	16	18	02	0	0	—	7.6	27	66	20	320	16	15	03	0	1	Sc.	7.9	25	65	18	0
El Arish	320	5	35	01	0	0	—	7.6	26	74	21	320	2	15	03	0	1	Cu	7.6	24	50	13	0
Damanhur	360	13	15	02	0	0	—	9.0	29	52	18	310	9	15	02	0	0	—	9.1	25	74	20	0
Mansura	320	9	35	00	0	0	—	8.0	30	40	15	360	5		00	0	0	—	8.4	24	69	18	0
Tanta	310	16	35	02	0	0	—	8.8	30	40	15	310	5	35	02	0	0	—	9.6	24	54	14	0
Zagazig	320	5	15	00	0	0	—	8.6	32	49	20	320	5		00	0	0	—	9.1	25	61	17	0
Ismailia	290	5	35	02	0	0	—	6.8	32	34	14	360	2	15	02	0	0	—	8.0	33	36	16	0
Farouk (Airport)	290	12	30	00	0	0	—	7.9	31	49	19												
Almaza	290	8	30	00	0	0	—	7.1	31	38	15												
Ezbekiya	320	4	35	00	0	0	—	7.2	32	41	17	340	3	15	00	0	0	—	8.8	26	65	16	0
Giza	320	4	35	00	0	0	—	7.9	32	45	18	340	3	15	00	0	0	—	9.8	25	53	15	0
Helwan	340	12	15	06	0	0	—	6.8	31	38	15	340	11	7	06	0	0	—	8.6	26	48	14	0
Fayum	360	8	35	02	0	0	—	7.1	32	34	14	360	5	35	02	0	0	—	7.1	30	35	13	0
Minya	350	17	12	00	0	0	—	7.4	33	28	12	360	7	10	00	0	0	—	7.3	26	42	12	0
Asyut	310	15	30	00	0	0	—	6.7	38	21	12												
Nag Hammadi	270	5	7	00	0	0	—	4.0	33	34	15	320	2		00	0	0	—	5.0	28	45	15	0
Qena	240	5	50	00	0	0	—	2.7	39	17	10	290	5	7	00	0	0	—	4.0	30	40	15	0
Luxor												330	9	12	00	0	0	—	3.2?	32	34	14	0
Aswan	340	9	50	00	0	0	—	3.9	37	16	7	340	7	50	00	0	0	—	4.4	36	13	4	0
Siwa	00	0	35	00	0	0	—	12.4	35	32	16	00	0	50	00	0	0	—	10.4	31	49	19	0
Bahariya	360	3	35	02	0	0	—	8.8	33	21	8	360	3	15	02	0	0	—	8.8	30	22	6	0
Farafra	340	4	35	02	1	1	As.	10.0	34	18	6	360	2	15	02	1	0	—	9.4	27	27	6	0
Dakhla	320	6	50	00	0	0	—	7.2	33	20	7	320	3	35	00	0	0	—	6.7	31	31	12	0
Kharga	360	2	35	00	0	0	—	7.5	34	18	6	340	1	15	00	0	0	—	6.7	31	22	7	0
Suez	00	0	35	02	0	0	—	6.3	33	30	13	360	11	15	02	0	0	—	7.1	27	52	16	0
Tor	310	12	35	00	0	0	—	3.6	30	59	21	310	13	15	00	0	0	—		31	43	17	0
Hurghada	320	23		00	0	0	—	3.0	27	66	20	290	18		00	0	0	—	2.7	29	59	20	0
Quseir	360	9	15	02	0	0	—	3.5	31	52	20	360	9	15	02	0	0	—	3.6	29	66	22	0
Wadi Halfa	340	14	30	00	0	0	—	5.3	37	12	3												
Abu Hamad	310	5	30	00	0	0	—	1.4	41	40	25												
Atbara	230	9	4	05	1	8	Ac.	2.3	40	24	16												
Khartum	250	15	9	07	1	7	Sc., Ac	4.4	37	24	13												
Kassala	180	5	30	01	1	5	Cu		34	36	17												
Wad Medani	230	9	35	02	1	7	Cu	5.3	36	31	16												
El Obeid	220	12	30	02	2	7	Cu, Cs	6.2	33	34	15												
El Fasher			30	01	1	4	Cu, Cs		33	36	16												
Malakal	180	8	30	02	9	7	Sc, Ac.	10.0	29	66	22												
Wau	130	3	30	02	1	7	Cu, Ac.	10.2	29	62	21												

At 0600 on Sunday 24th July

Station	Wind Dir.	Vel. (knots)	Visibility (km)	Present Weather	Past Weather	Cloud Amount	Cloud Form	Bar. M.S.L.	Diff. from normal	Dry Bulb	Max. Yesterday	Diff. from normal	Min. Today	Diff. from normal	Humidity	Dew Point	Rain past 24 hrs	Rain total	Normal
Salum	320	13	7	03	0	0	—	10.8		25	31		19		61	17	0		
Sidi Barani	320	12	35	02	2	8	Cu, Cs	11.0		25	27		22		74	20	0	278	
Matruh	340	10	15	02	2	6	Cu	10.0		25			22		70	19	0		
El Daba	320	9	35	01	1	3	Cu	10.3		26			20		70	20	0		
Alexandria	310	5	50	01	1	0	—	8.7	-0.8	25	28	-2	23	0	70	19	0	267	186
Fouad (Aerodrome)	340	10	12	02	0	0	—	8.0		26	30		23		62	18	0	265	138
Damietta	320	2	7	00	0	0	—	7.9	-0.5	26	28		18		62	18	0	319	106
Port Said	260	8	12	02	0	0	—	7.7		24	28		22		69	18	0	72	
El Arish	270	2	35	03	1	4	Cu	8.0	-0.6	26	29	-1	20	-1	70	20	0		94
Damanhur	270	13	7	02	0	0	—	9.1	+0.3	26	30	-3	18	-2	62	18	0	102	101
Mansura	320	5	35	00	0	0	—	8.2	-0.4	26	31	-4	18	-3	55	16	0	49	55
Tanta	310	13	35	02	0	0	—	9.5?	+0.3	25	31	-4	15	-4	61	17	0	34	44
Zagazig	320	5	7	00	0	0	—	10.2?	+1.0	26	33	-2	18	-2	62	18	0	21	27
Ismailia	320	2	7	02	0	0	—	9.0		26	33		20		55	16	0	14	
Farouk (Airport)																			
Almaza	300	7	12	00	0	0	—	8.4	-0.5	24					69	16	0		
Ezbekiya	360	6	15	00	0	0	—	8.7	-0.2	26	32	-4	21	-1	68	17	0	8	26
Giza	360	6	15	00	0	0	—	9.1	+0.3	26	32	-3	18	-2	58	16	0	16	27
Helwan	340	11	15	00	0	0	—	8.6	-0.3	23	32	-3	21	0	65	16	0	16	29
Fayum	360	8	35	03	0	2	Cu, Sc.	8.8	-0.3	25	34	-3	20	-1	74	20	0	6	8
Minya	20	11	10	00	0	1	Cu	8.7		24	35		18		69	18	0	5	
Asyut	310	4	30	00	0	0	—	8.9		24			19		69	18	0	dr.	
Nag Hammadi	270	4	3	00	0	0	—	7.0	+0.1	26	34		19		48	14	0	0	
Qena	240	5	35	00	0	0	—	5.6	-1.1	27	40	0	23	-1	42	13	0	dr.	
Luxor											39							dr.	
Aswan	360	9	50	00	0	0	—	6.6	-0.4	29	38	-3	24	-2	46	16	0	2	
Siwa	320	4	35	00	0	0	—	13.3	+1.7	24	36	-2	21	0	84	21	0	1	8
Bahariya	340	6	35	01	1	2	Ac	9.9	0.0	23	34	-3	20	0	74	18	0	dr.	7
Farafra	340	3	15	02	0	0	—	11.1		25	34		20		54	15	0	dr.	
Dakhla	320	10	35	00	0	0	—	9.0	+0.6	26	35	-4	21	-2	37	10	0	dr.	
Kharga	340	1	35	00	0	0	—	9.5	+1.8	27	35	-5	23	0	37	-11	0	0	
Suez	00	0	35	00	0	0	—	7.5	-0.7	25	33	-3	21	-2	54	15	0	12	17
Tor	310	8	35	00	0	0	—			24	33	-1	24	0	74	19	0	dr.	13
Hurghada	310	22		00	0	0	—	4.9		25	30		24		70	19	0	7	
Quseir	360	13	15	02	0	0	—	4.6	-1.4	28	32	-2	25	-2	58	19	0	0	4
Port Sudan	100	1	10	03	2	4	Cc	3.9		34	36		27		47	21	0	40	100
Wadi Halfa	20	3	30	02	0	2	Cc	7.8		28	39		22		27	7	0	27	
Abu Hamad	360	5	30	01	1	2	Cc	5.5		32	42		26		49	20	0		
Kareima	20	9	30	00	0	0	—	5.8		33	43		24		14	2	0	6	9
Atbara	360	9	35	00	0	0	—	7.4		29	40		21		25	7	0	6	23
Khartum	200	26	9	07	1	2	Cc	8.2		29	39		27		59	20	0	14	56
Kassala	180	9	30	03	1	7		10.8		26	39		24		70	20	0	102	121
Wad Medani	230	9	50	01	1	4	Cc	10.3		27	37		24		70	21	0	106	153
Renk																			262
Roseires																	12	283	385
El Obeid	220	12	30	01	2	4	Ac.	10.0		27	35		21		70	21	0	90	144
El Fasher	00	0	30	02	1	6	Ac			26	35		25		70	20	0	39	103
Geneina																			199
Malakal	110	4	30	02	6	7	Sc, Ac	12.9		24	30		22		88	22	0.2	651	459
Wau	00	0	30	02	8	8	Cu, Cc	13.1		23	30		21		68	21	15	624	678
Juba	180	5	30	03	2	7	Ac	14.2		22	28		20		88	20	dr	462	696

	23rd	
Alexandria	70	-5
[illegible]	52	-8
[illegible]	49	-11
Aswan	47	-2

24th 11.5

UPPER AIR OBSERVATIONS — RADIOSONDE

(blank form)

UPPER WIND OBSERVATIONS on 23rd

Height (m)	Fuad A.P. Dir.	Vel.	Port Said Dir.	Vel.	Minya Dir.	Vel.	Hurghada Dir.	Vel.
Time	15		15		15		15	
300	320	25	310	34	340	23	320	32
600	330	20	300	22	340	26	300	24
1000	340	40	310	23	340	30	330	23
1500	330	35	310	15	350	25	320	36
2000			350	5				
3000			80	11				

UPPER WIND OBSERVATIONS on 24th

Height (m)	Sidi Barani Dir.	Vel.	Matruh Dir.	Vel.	Alexandria Dir.	Vel.	Port Said Dir.	Vel.	Minya Dir.	Vel.	Manqabad Dir.	Vel.	Hurghada Dir.	Vel.	Farouk Dir.	Vel.
Time	9		3		3		3		3		9		9		3	
300	320	11	310	18	320	21	300	18	360	21	330	18	330	31	320	14
600	320	10	320	18	330	19	320	17	360	27	340	20	320	36	330	18
1000	360	5	330	14	330	23	320		350	31	350	18	320	36	340	29
1500	350	8	360	11	330	23			330	26	340	21	320	38	340	27
2000	320	12	330	13					340	17	360	16	110	12	330	7
3000	310	10	330	15							350	16	260	9	310	7
5000															260	16
6000															250	17

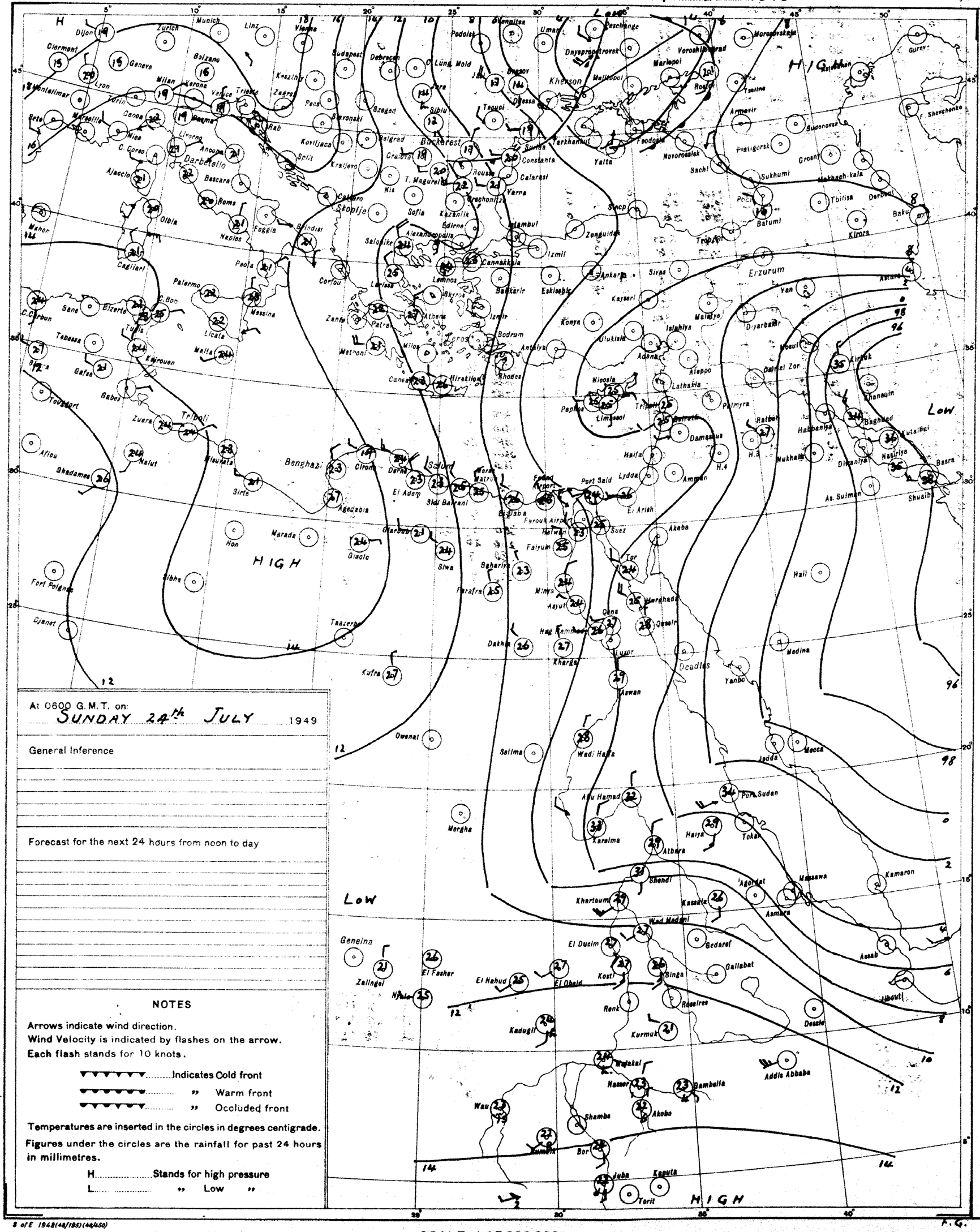
Height (m)	Siwa Dir.	Vel.	Bahariya Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Kassala Dir.	Vel.	El Fasher Dir.	Vel.	Malakal Dir.	Vel.
Time	9		9		9		9		4		4 45		4	
300	330	10	330	10	320	7	10	7						
600	330	8	320	14	340	4	360	9	190	17			150	10
1000	320	19	320	29	330	10	350	17	210	28	310	4	170	9
1500	320	23	320	44	320	16	340		220	23	220	5	220	8
2000	330	24												
3000	320	13							350	16	70	15	100	4
4000	290	8												
5000	300	17												

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

Note: All times 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 - 7 - 1949



At 0600 G.M.T. on:
SUNDAY 24th JULY 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 / 93	
Thunderstorm with rain	95	
" " hail	96	
" " Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze (vis less than 1000 m.)	4
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 09 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: Monday 25th July, 1949

At 1200 on Sun 24th and At 1800 on Sun 24th

Station	1200 Wind Dir.	1200 Vel. (knots)	1200 Visibility (km)	1200 Present weather	1200 Past weather	1200 Cloud amount 0-8	1200 Form	1200 Bar. M.S.L.	1200 Temp. °C	1200 Humidity %	1200 Dew point °C	1800 Wind Dir.	1800 Vel. (knots)	1800 Visibility (km)	1800 Present weather	1800 Past weather	1800 Cloud amount 0-8	1800 Form	1800 Bar. M.S.L.	1800 Temp. °C	1800 Humidity %	1800 Dew point °C	1800 Rain past 12 hrs mm
SALUM	360	13	7	02	0	0	—	10.7	27	62	19	320	8	7	02	0	0	—	11.0	28	45	15	0
SIDI BARRANI	320	13	35	02	2	8	cs	11.4	27	79	23	320	8	35	02	2	8	cs	11.2	23	88	21	0
MATRUH	350	13	17	01	1	1	cu	10.6	27	62	19	330	5	13	00	0	0	—	10.1	24	74	19	0
EL DABA	320	6	35	00	0	0	—	10.4	26	74	21	320	5	35	00	0	0	—	9.6	26	70	20	0
ALEXANDRIA	330	14	50	00	0	0	—	8.4	28	52	17	310	11		00	0	0	—	9.0	25	61	17	0
[illegible]	330	16	18	01	1	1	cu	8.7	28	55	18	340	16	13	02	0	0	—	8.4	25	58	16	0
DAMIETTA	320	5	15	03	0	1	ac	8.0	27	62	19	320	5		00	0	0	—	7.9	25	74	20	0
PORT SAID	360	17	18	02	0	0	—	7.5	27	62	19	310	14	15	01	0	1	sc	7.7	25	70	19	0
EL ARISH	320	3	35	01	0	1	—	7.5	27	84	24	320	2	15	02	0	0	—	7.5	24	94	23	0
DAMANHUR	270	13	15	02	1	1	Cu	8.7	28	62	20	270	9	7	02	0	0	—	9.1	24	74	19	0
MANSURA	360	9	35	00	0	0	—	7.6	31	43	17	320	9		00	0	0	—	8.0	24	69	18	0
TANTA	310	13	35	02	0	0	—	7.5	31	38	15	310	5	35	02	0	0	—	9.1	24	49	18	0
ZAGAZIG	320	5	15	00	0	0	—	8.2	32	49	20	320	5		00	0	0	—	8.4	25	70	19	0
ISMAILIA	290	2	35	02	0	0	—	7.5	33	30	13	320	2	7	02	0	0	—	7.6	27	52	16	0
[illegible]																							
ALMAZA	360	2	35	00	0	0	—	7.2	32	36	15	360	5	15	00	0	0	—	8.3?	26	55	16	0
[illegible]	360	2	35	00	0	0	—	7.0	32	32	14	360	5	15	00	0	0	—	9.3?	25	54	15	0
[illegible]	320	8	35	02	0	0	—	7.4	31	31	12	340	16	15	02	0	0	—	7.6	27	42	13	0
FAYUM	360	8	35	01	0	0	—	7.6	32	34	14	330	2	35	02	0	0	—	6.7	30	40	15	0
MINYA	20	15	12	00	0	0	—	7.4	33	30	13	360	1	12	00	0	0	—	6.8	26	48	14	0
ASSIUT	340	12	30	00	0	0	—	6.9	32	28	11												
NAG HAMMADI	270	4	7	00	0	0	—	4.6	33	34	15	320	4		00	0	0	—	4.7	29	40	14	0
QENA	270	2	50	00	0	0	—	3.5	39	17	10	290	5	7	00	0	0	—	4.6	31	31	12	0
LUXOR												310	12	12	00	0	0	—	3.1	33	30	13	0
ASWAN	360	3	50	00	0	0	—	3.2	38	19	11	340	10	50	00	0	0	—	4.6	33	19	6	0
SIWA	320	7	35	00	0	0	—	12.2	35	53	24	320	7	7	00	0	0	—	11.0	30	59	21	0
BAHARIYA	360	4	35	02	0	0	—	8.7	33	21	6	360	3	15	02	0	0	—	8.4	30	35	13	0
DAKHLA	320	5	15	02	0	0	—	9.8	33	21	6	340	1	15	02	0	0	—	9.0	28	33	10	0
KHARGA	320	6	50	00	0	0	—	8.3	34	18	6	320	3	35	00	0	0	—	7.0	30	25	8	0
[illegible]	340	3	35	00	0	0	—	7.4	35	18	7	360	6	15	00	0	0	—	7.2	31	22	7	0
[illegible]	360	12	35	02	0	0	—	5.5	32	34	14	00	0	15	02	0	0	—	6.7	27	55	17	0
TOR	310	11	35	00	0	0	—	3.8	30	59	21	310	11	15	00	0	0	—		30	46	17	0
[illegible]	320	22		00	0	0	—	3.0	28	68	19	290	12		00	0	0	—	2.7	29	59	20	0
QUSEIR	360	9	15	02	0	0	—	4.4	31	62	20	330	8	15	02	0	0	—	4.4	28	62	20	0
PORT SUDAN	60	14	4	05	1	0	—	1.2	37	45	23												
WADI HALFA																							
ABU HAMAD	310	5	30	01	1	1	ci	2.9	39	45	25												
KARIMA	360	9	30	00	1	2	cs	3.9	40	12	6												
ATBARA	250	5	30	02	1	8	cs	2.8	39	18	11												
KHARTOUM	240	8	30	01	2	6	cu, ac	4.5	38	21	12												
KASSALA	230	9	30	02	1	8	sc, as	7.2	37	33	18												
WAD MEDANI	230	9	35	02	1	6	st	6.7	35	39	19												
[illegible]																							
[illegible]																							
EL OBEID	210	10	30	03	1	6	Cu	5.6	34	32	15												
EL FASHER	360	5	30	02	1	6	cu, ci		36	31	16												
GENEINA																							
MALAKAL	230	4	7	95	9	8	Ns	12.8	25	74	20												
WAU	00	0	30	02	1	7	ac	13.3	25	84	22												
JUBA	50	2	30	03	1	3	cu, ac	8.7	31	65	21												

At 0600 on Monday 25th July,

Station	Wind Dir.	Vel. (knots)	Visibility (km)	Present weather	Past weather	Cloud amount 0-8	Form	Bar. M.S.L. mbs	Diff. from normal mbs	Dry bulb	Max. yesterday	Diff. from normal	Min. today	Diff. from normal	Humidity %	Dew point °C	Rain past 24 hrs	Total from Oct. 1st	Normal from Oct. 1st
SALUM	360	15	7	02	0	0	—	10.7		25	30		19		70	14	0		
SIDI BARRANI	270	8	35	02	2	8	Cu, Sc	11.0		25	28		22		74	20	0	276	
MATRUH	330	9	18	02	1	2	Cu	9.4		25	28		19		74	20	0		
EL DABA	320	5	35	01	1	3	Cu	9.5		27			22		62	17	0		
ALEXANDRIA	310	10	50	00	0	0	—	8.6	-0.7	26	29	-1	24	+1	55	16	0	267	186
[illegible]	340	18	15	02	0	0	—	8.2		27	30		23		52	16	0	265	138
DAMIETTA	270	5	7	03	0	1	ac	8.0	-0.4	26	28		21		70	20	0	319	130
PORT SAID	270	4	12	01	0	0	—	7.8		24	28		22		69	18	0	72	
EL ARISH	220	9	35	03	1	3	Cu	7.5	-1.1	27	28	-2	21	0	79	23	0		74
DAMANHUR	270	9	7	02	0	0	—	7.5	-1.3	26	29	-4	19	-1	62	18	0	102	101
MANSURA	320	5	35	00	0	0	—	8.2	-0.4	26	32	-3	18	-3	62	18	0	49	55
TANTA	310	13	35	02	0	0	—	7.0	-1.2	27	31	-4	15	-4	55	17	0	34	44
ZAGAZIG	220	5	7	00	0	0	—	8.6	-0.6	26	34	-1	19	-1	70	20	0	21	27
ISMAILIA	240	2	7	02	0	0	—	8.3		26	33		21		62	18	0	14	
[illegible]	140	8	12	00	0	0	—	8.7	-0.2	24			20		69	18	0		
ALMAZA	320	3	15	00	0	0	—	8.7?	-0.2	25	33	-3	20	-2	65	18	0	8	20
[illegible]	320	3	15	00	0	0	—	9.3?	+0.5	26	33	-2	17	-3	62	18	0	16	27
[illegible]	340	10	7	06	0	0	—	8.7	-0.2	23	32	-3	19	-2	74	18	0	16	27
FAYUM	360	8	35	02	0	0	—	9.0	-0.1	25	34	-3	19	-1	70	17	0	8	8
MINYA	30	9			0	0	—	9.2		24	34		18		61	16	0	5	
ASSIUT	320	6	30	00	0	0	—	9.0		24			18		61	16	0	dr.	
NAG HAMMADI	270	4	3	00	0	0	—	7.6	+0.7	27	34		20		55	17	0	0	
QENA	270	5	35	00	0	0	—	6.4	-0.3	28	40	0	22	-2	45	15	0	dr.	
LUXOR											38							dr.	
ASWAN	340	3	50	00	0	0	—	7.2	+0.2	31	40	-1	24	-2	24	8	0	2	
SIWA											36	-2						1	6
BAHARIYA	360	3	35	00	2	0	—	10.3	+0.4	24	34	-3	18	-2	61	16	0	dr.	7
DAKHLA	20	2	15	02	0	0	—	10.7		25	35		19		54	15	0	dr.	
KHARGA	00	0	35	00	0	0	—	9.0	+0.6	26	35	-4	20	-3	42	12	0	dr	
[illegible]	360	2	35	00	0	0	—	8.4	+0.6	26	36	-4	23	0	40	11	0	0	
[illegible]	00	0	35	00	0	0	—	7.6?	-0.6	26	34	-2	20	-3	55	16	0	12	17
TOR	310	17	35	00	0	0	—	5.0?	-0.8	27	32	-2	24	0			0	dr.	13
[illegible]	300	14		00	0	0	—	5.0		26	30		25		70	20	0	7	
QUSEIR	360	13	15	02	0	0	—	6.9	-0.1	28	32	-2	28	-2	62	20	0	0	4
PORT SUDAN	250	14	4	05	2	0	—	5.4		35	37		27		37	18	0	40	100
WADI HALFA	20	1	30	00	0	0	—	8.2		28	39		21		22	4	0	27	
ABU HAMAD	360	5	30	00	0	0	—	6.8		33	40		26		14	2	0		
KARIMA	00	0	30	00	0	0	—	7.4			41		27			7	0	6	9
ATBARA																	0	8	24
KHARTOUM	20	13	30	02	8	7	ac	7.2		30	38		26		52	19	2	16	57
KASSALA	180	5	30	03	1	3	ac	9.9		27	39		22		58	18	0	102	125
WAD MEDANI	200	9	50	02	1	7	ac	10.3		27	36		24		66	20	0	106	157
[illegible]																			266
[illegible]																	0	293	391
EL OBEID																	0	90	148
EL FASHER	130	5	30	01	1	5	sc, cu			23	37		22		84	20	9	48	107
GENEINA	250	4	30	02	1	7	Ac	12.4		21	31		20		88	19	5		206
MALAKAL	130	2	30	02	6	8	sc, ac	12.7		22	29		21		94	21	7	658	465
WAU	130	5	10	60	8	8	Ns	12.3		22	29		22		94	21	0.Z	624	684
JUBA	180	2	7	61	2	8	Ns, ac	14.9		21	30		20		94	20	40	522	700

24th
65 -10
53 -7
52 -8
53 +4

25th 10.5

UPPER WIND OBSERVATIONS on Sun. 24th

Height (m)	Matruh 14 45 Dir.	Matruh Vel.	Foad A.P. 15 Dir.	Foad A.P. Vel.	Minya 15 Dir.	Minya Vel.	Hurghada 15 Dir.	Hurghada Vel.
300	320	14	330	20	350	16	300	19
600	330	16	320	34	360	17	280	42
1000	330	18	320	21	340	19	280	35
1500	320	22	320	15	340	24	270	20
2000			300	14	350	27	160	6
3000							140	9

UPPER WIND OBSERVATIONS Mon. 25th

Height (m)	Sidi Barrani 9 Dir.	Vel.	[illegible] 4 45 Dir.	Vel.	[illegible] 3 Dir.	Vel.	[illegible] 3 Dir.	Vel.	(col. 5) 3 Dir.	Vel.	(col. 6) 9 Dir.	Vel.	(col. 7) 9 Dir.	Vel.	Farouk 3 Dir.	Vel.
300	310	12	310	20	310	31	300	20	360	26	330	10	340	29	320	13
600	390	10	320	19	310	38	300	17	10	28	350	8	310	27	330	17
1000	340	11	310	17	310	34	320	16	350	23	350	14	320	30	330	19
1500			310	20	330	43	300	16	330	23	340	19	290	16	320	17
2000					330	24	270	10			360	11	280	12	330	17
3000							290	5			260	4	180	8	320	5
4000													150	8		
5000															250	10
6000															250	23

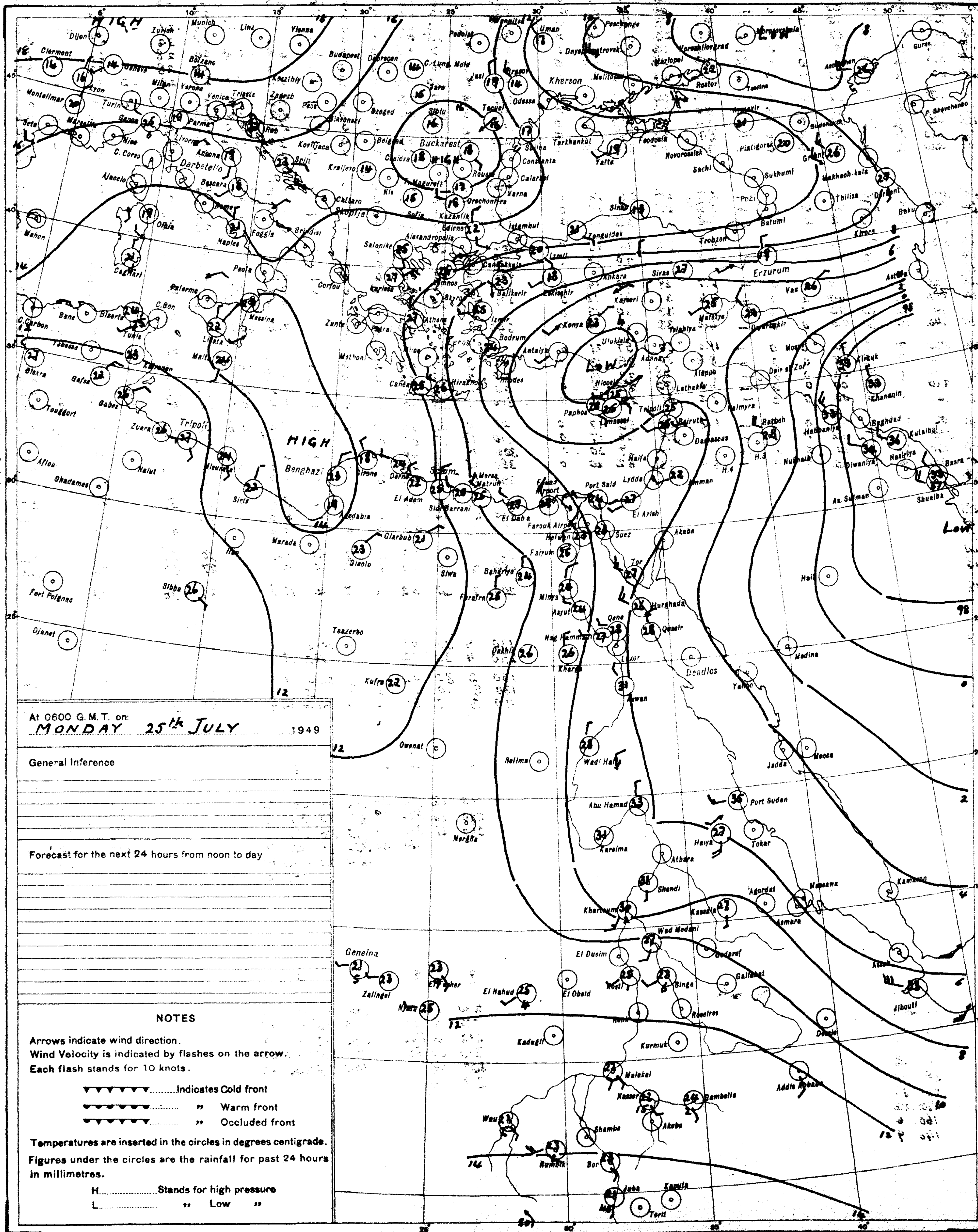
Station	Siwa		Bahariya		Dakhla		Kharga		El Fasher		Malakal	
Time	9		9		7		7		5		4	
Height (m)	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	280	4	10		360	11	360	12				
600	310	3	10		360	15	10	13			150	8
1000	310	6	360		350	17	360	15	170	6	220	11
1500	320	20	360		350	24	340	24	40	3	210	9
2000	330	24			350	24	360	17				
3000	310	16							50	10	100	5

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

Note: All times G. M. T.

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

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 25 - 7 - 1949



At 0600 G.M.T. on:
MONDAY 25th JULY 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 } Thunderstorm during 91
Hail } the past hour 93
Thunderstorm with rain 95
,, ,, hail 96
,, ,, Sandstorm 98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

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

SCALE 1:15,000,000

F.G.

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

Form Nº 7 F.

DAILY WEATHER REPORT

Date: *Tuesday 26th July*, 1949

CAIRO
Time of Sunrise 03 10 G.M.T.
Sunset 16 53 G.M.T.

At 1200 on Mon 25th

Station	Wind Direction	Wind Velocity in knots	Visibility in km	Present Weather	Past Weather	Cloud Amount	Cloud Form	Bar. Pressure M.S.L.	Temperature °C	Humidity %	Dew Point °C
Salum	360	8	7	00	1	0	—				14
Sidi Barani	320	13	35	02	2	8	cs	11.1	26	74	21
Matruh	360	13	18	00	0	0	—	11.0	28	58	19
El Daba	320	4	35	00	0	0	—	11.2	28	62	20
Alexandria	310	11	60	00	0	0	—	8.4	27	55	17
Fouad (airport)	290	15	18	02	0	0	—	8.4	28	65	18
Damietta	290	5	15	02	0	1	Cu	8.0	28	62	20
Port Said	360	15	18	02	0	0	—	7.7	27	52	16
El Arish	320	2	35	01	0	0	—	6.8	27	84	24
Damanhur	310	13	16	02	1	1	Cu	8.8	29	59	20
Mansura	320	9	35	00	0	0	—	7.9	31	43	17
Tanta	270	5	35	02	0	0	—	8.6	31	38	15
Zagazig	320	5	15	00	0	0	—	8.2	33	38	17
Ismailia	290	2	35	01	0	2	Sc	6.8	33	31	15
Farouk (airport)											
Almaza											
Ezbekiya	320	5	35	00	0	0	—	7.6	32	38	16
Giza	320	5	35	00	0	0	—	8.0	32	37	16
Helwan	320	13	35	02	0	0	—	7.1	32	28	11
Faiyum	330	5	35	02	0	0	—	7.3	33	25	11
Minya	20	15	18	00	0	0	—	7.7	33	26	11
Asyut	310	12	30	00	0	0	—	6.8	33	24	10
Nag Hammadi	270	5	7	00	0	0	—	4.7	34	32	15
Qena	240	5	50	00	0	0	—	4.3	37	31	17
Luxor											
Aswan	360	5	50	00	0	0	—	4.4	37	22	12
Siwa	320	7	35	00	0	0	—	11.2	34	47	21
Bahariya	360	6	35	02	0	0	—	8.6	33	21	8
Farafra	340	4	35	02	0	0	—	10.0	34	18	6
Dakhla	320	6	50	00	0	0	—	7.4	34	14	3
Kharga	360	2	15	00	0	0	—	7.2	34	22	9
Suez	360	5	35	02	0	0	—	6.7	33	30	13
Tor	310	8	35	00	0	0	—	4.7	29	66	22
Hurghada	320	16		00	0	0	—	4.0	28	66	21
Quseir	360	4	15	02	0	0	—	5.4	30	59	21
Port Sudan	70	11	7	07	2	7	Ac, Cs	2.2	40	28	18
Wadi Halfa	340	6	30	02	0	1	Ci	5.6	37	13	4
Abu Hamad	310	3	30	03	0	5	Ci, Cs	3.2	39	9	0
Karima	320	4	30	00	0	0	—	4.1	39	13	6
Atbara	270	5	30	03	0	1	Cu	2.5	39	21	13
Khartum	220	17	30	02	1	6	Cu, Ac	3.8	38	25	15
Kassala	230	2	30	03	1	7	Cu, Ac	5.2	36	35	18
Wad Medani											
Renk	230	5	35	02	2	8	Cu	9.7	28	66	21
Roseires	200	12	35	00	1	0	—	9.6	29	66	22
El Obeid	200	15	30	02	1	6	Cu, Ac	6.6	32	43	18
El Fasher	160	7	30	01	1	3	Ac, Ci		28	66	21
Geneina	230	3	30	02	2	7	Ac.		24	71	19
Malakal	20	28	30	01	2	4	Cu, Ac	9.4	28	70	22
Wau	140	4	30	02	1	8	Cu, Ac	9.0	27	70	21
Juba											

At 1800 on Mon. 25th

Station	Wind Direction	Wind Velocity in knots	Visibility in km	Present Weather	Past Weather	Cloud Amount	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain past 12 hrs mms
Salum	40	8	7	02	0	0	—	10.0	25	51	14	0
Sidi Barani	340	8	35	02	2	8	Cs.	11.0	24	79	20	0
Matruh	350	8	12	00	0	0	—	10.6	24	64	18	0
El Daba	320	6	15	00	0	0	—	8.3	24	74	19	0
Alexandria	360	9		00	0	0	—	9.4	25	70	19	0
Fouad (airport)	340	12	10	02	0	0	—	9.0	25	65	18	0
Damietta				03	1			8.4	25	94	25	0
Port Said	310	13	15	03	0	1	Sc	8.1	25	74	20	0
El Arish	320	2	15	02	0	0	—	8.2	24	44	23	0
Damanhur	310	4	7	02	0	0	—	9.6	24	71	19	0
Mansura	320	5		00	0	0	—	8.3	25	70	19	0
Tanta	270	2	35	02	0	0	—	8.9	24	61	16	0
Zagazig	320	5		00	0	0	—	8.7	25	70	19	0
Ismailia	320	2	7	02	0	0	—	8.4	27	55	17	0
Farouk (airport)												
Almaza	310	12	13	00	0	0	—	8.7	27	55	17	0
Ezbekiya	360	3	15	00	0	0	—	8.6	27	52	16	0
Giza	360	3	15	00	0	0	—	8.5	26	56	16	0
Helwan	340	11	15	06	0	0	..	8.3	28	45	15	0
Faiyum	330	2	35	02	0	0	—	7.5	30 ?	25	8	0
Minya	00	0	12	00	0	0	—	7.7	25	51	14	0
Asyut												
Nag Hammadi	00	0		00	0	0	—	5.5	28	45	15	0
Qena	240	5	7	00	0	0	—	6.1	30	35	13	0
Luxor	250	4	12	00	0	0	—	3.9	33	12	0	0
Aswan	320	4	50	00	0	0	—	5.9	33	24	10	0
Siwa												
Bahariya	360	2	15	02	0	0	—	9.3	24	29	9	0
Farafra	360	1	15	02	0	0	—	9.8	25	34	8	0
Dakhla	320	6	35	00	0	0	—	8.1	29	19	3	0
Kharga	00	0	15	00	0	0	—	7.8	29	23	6	0
Suez	360	7	7	02	0	0	—	7.5	28	58	19	0
Tor	310	10	15	00	0	0	—	6.0	27	52	16	0
Hurghada	270	11		00	0	0	—	4.3	29	46	16	0
Quseir	330	9	15	02	0	0	—	6.4	28	62	20	0

At 0600 on Tuesday 26th July,

Wind Direction	Wind Velocity in knots	Visibility in km	Present Weather	Past Weather	Cloud Amount	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Dry Bulb	Max. Yesterday	Max. Diff. from normal	Min. Today	Min. Diff. from normal	Humidity %	Dew Point °C	Rain past 24 hrs	Total from Oct. 1st	Normal from Oct. 1st	Station
270	9	7	02	0	0	—	9.9		25	30		19		61	17	0			Salum
290	9	50	02	2	8	Cs	11.6		25	27		20		74	20	0	278		Sidi Barani
350	10	14	03	0	2	Sc	10.4		25	30		19		74	20	0			Matruh
320	7	35	01	1	2	Cu	9.5		26			18		74	21	0			El Daba
310	10	50	01	1		Sc, Ac	9.3	-0.2	26	24	-1	23	0	70	20	0	267	186	Alexandria
320	16	14	02	1	2	Sc	8.8		26	30		23		70	20	0	265	138	Fouad (airport)
220	2	3	03	1	7	Fs, Fc	9.0	+0.6	26	28		17		74	21	0	319	106	Damietta
220	2	10	02	1	6	Cu, As	8.8		25	29		23		70	19	0	72		Port Said
00	0	35	03	0	1	Cu	7.5	-1.1	27	30	0	21	0	84	24	0		94	El Arish
270	5	7	02	0	0	—	9.6	+0.7	26	30	-3	19	-1	62	18	0	102	101	Damanhur
320	5	35	01	1	4	Cu	8.8 ?	+0.2	26	32	-3	18	-3	74	21	0	49	55	Mansura
270	2	35	01	1	3	Cu	9.9 ?	+0.7	26	31	-4	15	-5	70	20	0	34	44	Tanta
220	5	7	00	0	0	—	9.3	+0.1	26	34	-1	19	-1	70	20	0	21	27	Zagazig
180	2	7	01	2	6	Sc.	9.4		25	34		22		54	15	0	14		Ismailia
																			Farouk (airport)
280	3	10	02	1	3	Cu	9.5	+0.6	24	35		20		69	18	0			Almaza
340	2	15	00	0	0	—	9.6	+0.7	25	33	-3	20	-2	74	20	0	8	26	Ezbekiya
340	2	15	00	0	0	—	9.6	+0.8	25	33	-2	18	-2	67	19	0	16	27	Giza
340	4	3	00	1	6	Cu	9.5	+0.6	23	33	-2	20	-1	74	18	0	16	29	Helwan
330	5	35	03	1	6	Cu, Sc	10.0	+0.9	25	34	-3	19	-2	70	19	0	8	8	Faiyum
10	10	10	00	0	0	—	9.8		24	35		18		65	17	0	5		Minya
290	2	30	00	0	0	—	9.3		25			20		58	16	0	dr.		Asyut
										35							0		Nag Hammadi
290	5	35	00	0	0	—	5.9	-0.8	28	40	0	22	-2	45	15	0	dr.		Qena
										39							dr.		Luxor
360	9	50	00	0	0	—	7.5	+0.5	31	38	-3	25	-1	36	14	0	2		Aswan
320	5	35	00	0	0	—	12.6	+1.0	23	35	-1	19	-2	74	18	0	1	8	Siwa
360	3	35	02	0	0	—	10.3	+0.4	24	35	-2	18	-2	69	18	0	dr.	7	Bahariya
00	0	15	02	1	1	Cu	11.0		26	35				48	14	0	dr.		Farafra
320	2	35	00	0	0	—	9.6	+1.2	25	35	-4	20	-3	26	4	0	dr.		Dakhla
40	1	35	00	0	0	—	8.8	+1.0	27	36	-4	21	-2	42	13	0	0		Kharga
00	0	35	00	0	0	—	9.1	+0.9	26	35	-1	21	-2	65	16	0	12	17	Suez
310	6	35	00	0	0	—			27	33	-1	25	+1	70	21	0	dr.	13	Tor
300	16		00	0	0	—	7.1		27	29		24		79	23	0	7		Hurghada
360	9	15	02	0	0	—	6.7	+0.7	29	31	-3	24	-3	59	20	0	0	4	Quseir
																0	40	101	Port Sudan
00	0	30	03	0	1	Ci			27	38		21		25	5	0	27		Wadi Halfa
360	9	35	00	0	0	—	7.9		27	39		18		17	0	0			Abu Hamad
00	0	30	01	1	6	Ac	8.1		31	40		24		29	11	0	6	9	Karima
230	9 ?	5	03	1	8	Ac, Cs	6.8		30	41		27		49	18	0	8	25	Atbara
160	24 ?	10	03	3		Cu, Ac	12.3		24	38		23		69	18	0	16	59	Khartum
180	9	30	02	1	8	Sc, Ac	12.4		25	37		21		79	21	15	117	128	Kassala
																28	134	162	Wad Medani
																		270	Renk
																2	295	397	Roseires
180	9	30	52	2	8	Ns	10.2		25	32		24		79	21	42	132	151	El Obeid
																1	49	112	El Fasher
																		213	Geneina
130	3	30	02	2	7	Ac	12.9		24	30		22		74	23	2	660	471	Malakal
00	0	30	02	4	7	Ac	13.3		22	29		21		88	20	9	633	690	Wau
180	2	30	03	2	7	Ac	13.3		23	28		21		88	21	5	527	704	Juba

Station	25th	
Alexandria	61	-14
Ezbekiya	55	-5
Giza	55	-5
Helwan	54	+5

GIZA Grass Minimum 26th 11.2

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — Airport — On — At

Rawinsonde — Airport — On — At

Remarks

UPPER WIND OBSERVATIONS on 25th July,

Height m.	Fuad A.P. Dir.	Fuad A.P. Vel.	Port Said Dir.	Port Said Vel.	Minya Dir.	Minya Vel.	Hurghada Dir.	Hurghada Vel.	Matruh Dir.	Matruh Vel.
Time	16				15		15		15	
300	310	23	310	15	350	17	340	28	320	17
600	320	30	320	11	350	20	340	28	320	16
1000	330	25	330	10	360	23	310	13	330	16
1500	320	20	20	5	350	26	310	23	310	17
2000	340	17	20	6	330	18	310	19	320	17
3000	300	7	80	6	320	9				
4000										
5000										
6000										
7000										
8000										

UPPER WIND OBSERVATIONS on 26th July,

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Minya		Manqabad		Luxor		Aswan		Hurghada		Almaza	
Time	9		3 30		3		3						3 45		9						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	310	10	300	15	300	21	290	7					10	16	310	8					340	23	280	13
600	330	9	350	20	310	20	310	10					10	13	310	10					330	11	300	3
1000	360	7	360	21	340	10	290	9					300	17	310	18					310	16	320	13
1500	40	9	10	24	330	10	310	5					290	25	310	20					240	14	330	13
2000	10	8	360	14	320	12	50	5							280	10					250	17	340	13
3000							80	4													190	10		
4000																								
5000																								
6000																								
7000																								
8000																								

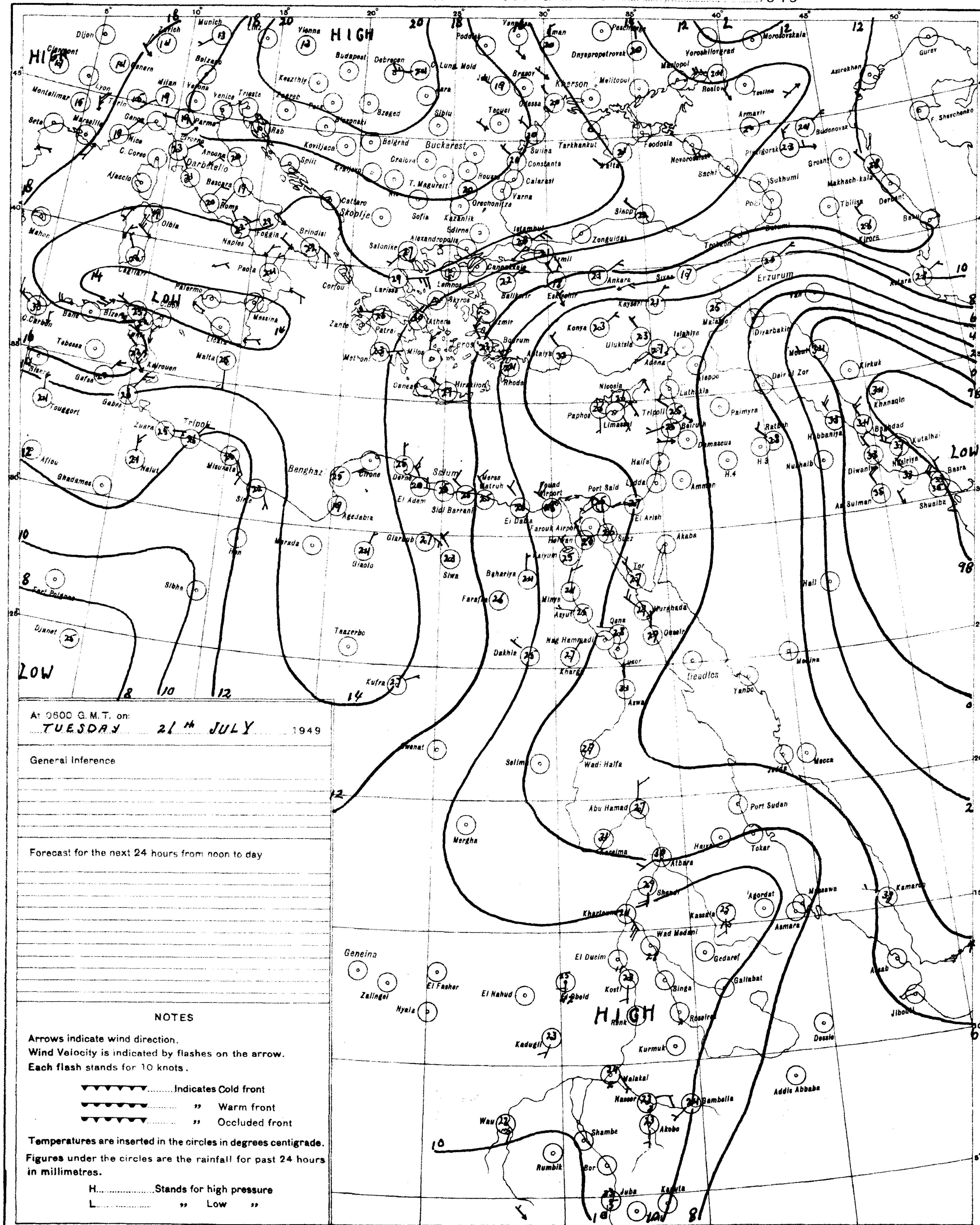
Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	9		9		9		7										4		3 45		4 30			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	320	7	340	13	330	3	10	12																
600	350	10	340	13	350	4	20	14									190	14						
1000	360	13	330	11	360	16	20	18									220	18	220	13	230	3		
1500	350	16	310	9	340	10											230	17	230	8	50	8		
2000	340	24			330	16											220	9	210	7				
3000	350	24																	70	3	280	18		
4000	360	16																						
5000	340	8																						
6000	350	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 21 : 7 1949



At 0600 G.M.T. on:
TUESDAY 21th JULY 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 10 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 : Wednesday 27th July , 1949

AREA	INDEX NUMBER	STATION	At 1200 on Tues.26th										At 1800 on Tues.26th										At 0600 on Wednesday 27th														STATION
			WIND		VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD		BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.	WIND		VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD		BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.		WIND		VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD		BAR. PRESSURE	TEMPERATURES °C.			HUMIDITY %	DEW POINT °C.	RAINFALL mms.			
			DIRECTION	VELOCITY IN KNOTS				AMOUNT 0-8	FORM						DIRECTION	VELOCITY IN KNOTS				AMOUNT 0-8	FORM						DIRECTION	VELOCITY IN KNOTS				AMOUNT 0-8	FORM	M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal			Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.	
MEDITERRANEAN	62300	SALÛM	320	9	7	02	0	0	–	9.8	25	61	17		320	9	7	02	0	0	–	9.8	26	58	17		360	8	7	02	1	0	–	9.8		26	30		18		55	16	0			SALUM
	62303	SÎDI BARÂNI	320	10	35	02	2	8	Cs	10.8	27	79	23		320	6	35	02	2	8	Cs	10.1	25	84	22		250	1	35	02	2	8	Cs	11.1		25	28		18		74	20	0	278		SÎDI BARÂNI
	62306	MATRÛH													10	6	13	00	0	0	–	10.0	24	79	20		360	5	18	00	0	0	–	10.6		26	29		18		74	20	0			MATRÛH
	62309	EL DABA	320	6	35	00	0	0	–	11.0	27	70	21		320	5	15	00	0	0	–	9.5	25	84	22		320	5	35	00	0	0	–	9.3		25			20		84	22	0			EL DABA
		ALEXANDRIA	310	9	50	01	2		Sc, Ac	8.0	27	79	23		360	6		02	2	4	Cu, Sc	8.8	24	94	23		360	4	50	03	2	4	Cu, Sc	9.3	–0.2	25	29	–1	23	0	74	20	0	267	186	ALEXANDRIA
	62318	FOUAD (Airport)	300	12	14	02	1	3	Sc	7.9	29	59	20														340	10	13	02	2	6	Sc	8.6		26			22		70	20	0	265	138	FOUAD (Airport)
	62330	DAMIETTA	40	5	15	00	0	0	–	7.0	29	66	22		320	5		00	0	0	–	7.8	25	61	17		180	2	7	03	0	1	Ac	7.4	+1.0	26	30		18		70	20	0	319	106	DAMIETTA
	62333	PORT SAÏD	300	8	18	02	0	0	–	7.8	28	62	20		10	10	18	02	0	0	–	7.5	26	74	21		220	4	11	01	1	4	Sc	8.8		26	30		23		70	20	0	72		PORT SAÏD
	62336	EL 'ARISH	320	2	35	01	0	0	–	6.8	27	84	24		320	2	15	02	0	0	–	8.2	24	94	23		320	2	35	02	0	0	–	8.7	+0.1	29	30	–1	23	+2	70	23	0		94	EL 'ARISH
LOWER EGYPT	62339	DAMANHUR	270	9	15	02	0	0	–	8.6	29	52	18		310	9	15	02	0	0	–	8.4	24	74	19		310	9	7	02	1	1	Cu	8.5	–0.4	26	31	–2	20	0	66	19	0	102	101	DAMANHÛR
	62342	MANSURA	340	9	35	01	1	4	Cu	7.4	33	38	17		360	5		00	1	0	–	8.0	27	70	21		250	5	35	02	1	4	Sc	9.3	+0.7	25	34	–1	20	–1	74	20	0	49	55	MANSÛRA
	62348	TANTA	220	8	35	02	0	0	–	7.6	33	38	17		00	0	35	02	0	0	–	8.6	25	61	17												33	–2						34	44	TANTA
	62354	ZAGAZIG	140	5	15	00	0	0	–	7.4	32	49	20		320	5		00	0	0	–	8.0	27	62	19		320	5	7	00	0	0	–	9.9	+0.7	25	35	0	20	0	74	20	0	21	27	ZAGAZIG
	62441	ISMAÏLIA	290	2	35	02	0	0	–	6.8	33	30	13		20	2	7	02	0	0	–	7.2	29	46	16		290	2		01	2	6	Sc	9.0		25	34		22		74	20	0	14		ISMAÏLIA
CAIRO AREA	62366	FAROUK (Airport)																									290	7	12	02	2	6	Sc	9.6		23			21		78	19	0			FAROUK (Airport)
	62372	ALMÂZA																									270	4	12	01	2	2	Cu	9.1	+0.2	24			22		74	19	0			ALMÂZA
		EZBEKÎYA	360	2	35	00	0	0	–	7.0	32	34	14		360	2	15	00	0	0	–	7.4	29	49	17		340	2	15	01	2	2	Cu	9.5	+0.6	25	34	–2	22	0	70	19	0	8	26	EZBEKÎYA
		GÎZA	360	2	35	00	0	0	–	7.4	32	38	16		360	2	15	00	0	0	–	7.1	27	54	17		340	2	15	00	0	0	–	10.0	+1.2	26	34	–1	20	0	65	18	0	16	27	GÎZA
	62378	HELWÂN	320	11	35	00	0	0	–	7.2	31	28	10		340	11	15	06	0	0	–	6.8	30	35	13		340	4		00	1	6	Cu	9.5	+0.5	23	33	–2	20	–1	74	18	0	16	29	HELWÂN
UPPER EGYPT	62381	FAIYÛM	360	8	35	02	0	0	–	7.4	32	38	16		00	0	35	02	0	0	–	6.2	31	31	12		360	8	35	02	0	0	–	9.8	+0.7	25	35	–2	21	0	70	19	0	8	8	FAIYÛM
	62387	MINYA	20	6	15	00	0	0	–	8.0	33	24	10		00	0	12	00	0	0	–	7.6	26	42	12		10	8	10	00	0	0	–	9.5		24	34		19		74	19	0	5		MINYA
	62393	ASYÛT MANQABÂD																									00	0	30	00	0	0	–	9.4		26			21		51	15	0	Dr.		ASYÛT MANQABÂD
	62399	NAG' HAMMÂDI	270	2	7	00	0	0	–	5.9	34	27	12		00	0		00	0	0	–	6.6	27	42	13		00	0		00	0	0	–	9.3	+2.4	27	35		17		42	13	0	0		NAG' HAMMÂDI
	62402	QENA	290	5	30	00	0	0	–	5.0	38	24	14		270	2	7	00	0	0	–	5.0	28	40	13		270	2	35	00	0	0	–	8.4	+1.7	28	39	–2	22	–2	40	13	0	Dr.		QENA
	62405	LUXOR	250	12	30	00	0	0	–	5.4	38	8	–2		320	6	12	00	0	0	–	5.5	32	15	2		250	4	30	00	0	1	Cc	8.5		30	39		21		19	4	0	Dr.		LUXOR
	62414	ASWÂN	00	0	50	00	0	0	–	4.6	39	21	13		360	3	50	00	0	0	–	5.8	36	20	10		340	6	50	00	0	0	–	6.6	–0.4	30	41	0	26	0	35	13	0	2		ASWÂN
OASES	62417	SÎWA													00	0	7	00	0	0	–	10.6	32	56	22		00	0	35	00	0	0	–	10.8	–0.8	21	36	–2	19	–2	57	12	0	1	8	BÎWA
	62420	BAHARÎYA	360	2	35	02	0	0	–	8.7	32	20	6		00	0	15	02	0	0	–	8.7	28	33	10		360	2	35	02	0	0	–	10.4	+0.5	24	35	–2	19	–1	74	19	0	Dr.	7	BAHARÎYA
	62423	FARAFRA	320	10	35	02	0	0	–	7.4	35	16	6		360	2	15	02	0	0	–	7.0	27	33	7		00	0	15	02	0	0	–	10.4		28	36		19		52	17	0	Dr.		FARAFRA
	62432	DAKHLA	320	2	50	00	0	0	–	7.2	34	18	6		00	0	35	00	0	0	–	7.7	30	31	11		60	0	35	00	0	0	–	10.0	+1.6	24	36	–3	20	–3	26	3	0	Dr.		DAKHLA
	62435	KHARGA	20	1	35	00	0	0	–	7.5	35	28	11		00	0	15	00	0	0	–	7.5	31	28	10		00	0	35	00	0	0	–	9.4	+1.6	25	37	–3	19	–4	34	8	0	0		KHARGA
RED SEA	62450	SUEZ	00	0	35	02	0	0	–	7.2	32	38	16		00	0		02	0	0	–	6.0	30	40	15		00	0	35	00	0	0	–	7.4	–0.8	26	34	–2	22	–1	62	18	0	12	17	SUEZ
	62459	TÛR	310	9	35	00	0	0	–				20		310	6	15	00	0	0	–				20		00	0	35	00	0	0	–				33	–1	20	–4	16	0	Dr.	13	TÛR
	62462	HURGHÂDA	330	11		00	0	0	–	5.6	28	70	22		290	3		00	0	0	–	5.1	28	66	21		340	3		00	0	0	–	6.7		27	29		22		62	19	0	7		HURGHADA
	62465	QUSEIR	20	9	15	02	0	0	–	6.2	29	70	23		140	9	15	02	0	0	–	5.8	28	79	24		330	5	15	02	0	0	–	7.5	+1.5	31	31	–3	25	–2	43	17	0	0	4	QUSEIR
	62641	PORT SÛDÂN	230	12	10	03	1	4	Ac	3.2	42	24	17																															0	40	101	PORT SÛDÂN
NORTH SÛDÂN	62600	WÂDI HALFA	330	6	30	03	1	5	Cc	6.3	37	17	8																															0	27		WÂDI HALFA
	62640	ABU HAMAD	270	5	30	02	2	6	Ac, Cc	3.3	39	23	14																																	ABU HAMAD
	62660	KAREIMA	250	6	30	02	1	6	Cc, Cc	5.2	39	12	4																															0	6	9	KAREIMA
	62680	'ATBARA																									230	5	30	02	1	4	Ac	10.1		29	40		26		55	19	0	8	25	'ATBARA
	62721	KHARTÛM	210	14	30	02	2	8	Cu, Ac	8.7	30	49	18														170	11	50	02	2	7	Ac	12.0		26	31		23		70	20	Dr.	16	60	KHARTÛM
	62730	KASSALA	230	5	30	01	6	4	Cu	8.5	30	59	21														180	9	30	02	2	8	Sc, Ac, Cc	10.8		24	32		21		70	19	Dr.	117	132	KASSALA
CENTRAL SÛDÂN	62751	WÂD MEDANI	180	9	35	02	1	7	Cc	10.7	26	84	23																															2	136	167	WÂD MEDANI
	62801	RENK																									230	5	50	02	2	8	Cc	13.6		23			19		94	22	0	274		RENK
	62802	ROSEIRES																																									5	300	403	ROSEIRES
	62771	EL OBEID	140	6	30	02	2	8	Sc, Ac	8.6	30	46	17																															1	133	154	EL OBEID
	62760	EL FÂSHER																																								19	68	117	EL FÂSHER
	62770	GENEINA																																									220		GENEINA
S. SÛDÂN	62840	MALAKÂL	250	4	30	02	6	7	Cu, Ac	9.4	27	70	21																															6	666	477	MALAKÂL
	62880	WÂU																																									0	633	696	WÂU
	62941	JUBA	360	5	30	03	2	4	Cc, Cc	9.3	30	66	23																															1	528	708	JUBA

HUMIDITY

Mean of day

STATION	on 26th %	Diff. from normal
Alexandria	78	+3
Ezbeklya	57	–3
Giza	56	–4
Helwân	54	+5

GÎZA
GRASS MINIMUM TEMP.
ON 27th 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

On 17th Farouk AIRPORT At 4h						On ..... AIRPORT At						On ..... AIRPORT 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		23	74	360	5	1000						1000					
950						950						950					
900						900						900					
850	1473	21		320	4	850						850					
800						800						800					
700	3126	13		300	6	700						700					
600						600						600					
500	5887	0		230	9	500						500					
400		–12				400						400					
300						300						300					

UPPER WIND OBSERVATIONS on 26th

STATION	Matruh				Fouad Ap.				Port Said				Minya				Hurghada							
TIME	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.
300	330	17			310	19			50	12			360	14			350	7						
600	330	21			320	16			20	9			360	15			350	8						
1000	320	19							40	5			340	12			330	7						
1500	330	19			320	13			60	3			310	17			280	8						
2000	340	16											290	23			270	12						
3000	350	7											280	12			250	23						
4000	360	9											340	5			260	26						
5000	300	8																						
6000	290	14																						
7000																								
8000																								

UPPER WIND OBSERVATIONS on 27th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Farouk	
TIME			4		3		4						3		9						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			340	21	300	7	270	7					360	14	320	4					210	23	300	5
600			340	10	310	8	250	5					20	14	330	4					350	6	290	5
1000			30	20	310	10	250	6					320	13	350	8					340	5	330	5
1500			30	3									330	10	320	10					170	4	320	4
2000			70	12									300	11	300	7					240	10	320	3
3000			350	6											180	2					300	25	300	6
4000																					340	16		
5000																							210	6
6000																							260	9
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7		9		9				9				9		9	15		
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	260	3	360	13	320	7	360	7																
600	210	2	160	10	320	7	340	11	40	3	230	4			220	8								
1000	300	7	330	5	30	5	340	11	00	0					210	14			220	9	190	5		
1500			340	11	340	3	350	13	330	2	260	7			220	11			250	12	190	9		
2000			360	24	280	14					240	7			190	15					130	7		
3000			350	19							50	15							90	22				
4000																								
5000																								
6000																								
7000																								
8000																								

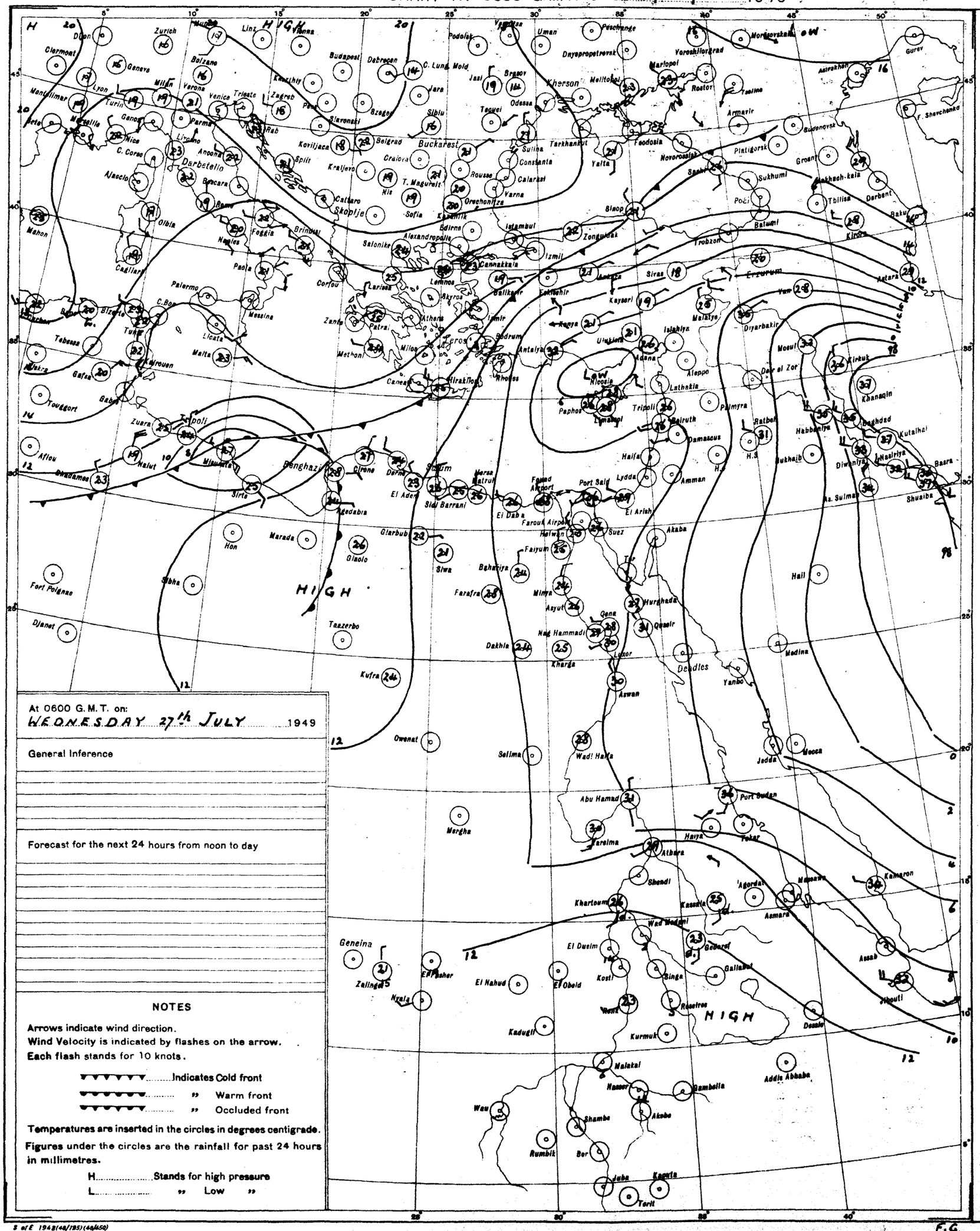
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 27 - 7 - 1949



At 0600 G.M.T. on:
WEDNESDAY 27th JULY 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	S
	" or sand raised by wind	07	≈
	Dust devil	08	≋
	Duststorm or sandstorm within sight or at station during last hour	09	(≡)
	Mist	10	=
	Shallow fog	12	=
	Lightning, no thunder heard	13	≤
	Precipitation within sight	16	(•)
	Thunder, no precipitation	17	(K)
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,
	Rain	21	•
	Showers of rain	25	▽
	" " hail	27	▽
	Fog	28	≡
	Thunderstorm	29	K
	Duststorm or Sandstorm	31	≡
	Fog	45	≡
	Drizzle	50	,
	Rain	60	•
	Showers of rain	80	▽
	" " hail	87	▽
Rain / Hail	Thunderstorm during the past hour	91 / 93	K• / K△
	Thunderstorm with rain	95	K•
	" " hail	96	K▽
	" " Sandstorm	98	K≡

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

Cloudless			○
Cirrus	Ci	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)

F.G.

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 11 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 : Thursday 28th July , 1949

AREA	INDEX NUMBER	STATION	At 1200 on Wed. 27th WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	At 1800 on Wed. 27th WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.	STATION
MEDITERRANEAN	62300	SALÛM	340	8		02	4	0	—		25	61	17	00	0	7	02	0	0	—		27	52	16	0	SALUM
	62303	SÎDI BARÂNI	340	10	50	02	2	8	Cu	12.0	27	79	23	360	2	35	02	2	8	Cu	12.8	26	74	21	0	SÎDI BARÂNI
	62306	MATRÛH			18	01	0			11.3	27	66	20	10	1	13	00	0	0	—	11.4	24	74	19	0	MATRÛH
	62309	EL DABʿA	290	6	35	00	0	0	—	10.7	27	55	17	290	4	15	00	0	0	—		26	74	21	0	EL DABʿA
		ALEXANDRIA	20	9	50	03	2		Sc,Ac	9.5	27	79	23	40	11	7	01	2		Sc,Ac	11.0	25	74	20	0	ALEXANDRIA
	62318	FOUAD (Airport)	340	10	18	02	1	1	Sc	9.1	28	70	22	360	11	12	02	1	1	Sc	9.8	24	84	21	0	FOUAD (Airport)
	62330	DAMIETTA	90	2		00	0	0	—	9.1	30	59	21	320	5		02	0	0	—	9.1	25	94	24	0	DAMIETTA
	62333	PORT SAʿÎD	350	2	18	02	1	0	—	8.4	29	52	18	360	10	12	02	0	0	—	8.7	26	74	21	0	PORT SAʿÎD
	62336	EL ʿARISH												320	5	15	02	0	0	—	8.7	25	74	20	0	EL ʿARISH
LOWER EGYPT	62339	DAMANHÛR	40	13	15	02	0	0	—	8.8	30	59	21	40	5	7	02	0	0	—	9.5	25	84	22	0	DAMANHÛR
	62342	MANSÛRA	340	5	35	00	1	0	—	8.4	32	43	18	320	5		00	0	0	—	9.8	26	74	21	0	MANSÛRA
	62348	TANTA	220	5	35	02	0	0	—	8.4	34	36	17	00	0	35	02	0	0	—	9.5	25	61	17	0	TANTA
	62354	ZAGAZIG	220	5	15	00	0	0	—	8.3	33	38	17	320	5		00	0	0	—	8.7	25	70	19	0	ZAGAZIG
	62441	ISMAʿÎLÍA	290	2	15	02	0	0	—	7.9	32	28	11	20	2	7	02	0	0	—	8.4	29	59	20	0	ISMAʿÎLÍA
CAIRO AREA	62366	FAROUK (Airport)																								FAROUK (Airport)
	62372	ALMÀZA																								ALMÀZA
		EZBEKÍYA	340	4	35	00	0	0	—	8.2	33	36	16	340	3	15	00	0	0	—	9.0	29	55	19	0	EZBEKÍYA
		GÎZA	340	4	35	01	0	0	—	8.0	33	40	17	340	3	15	01	0	0	—	9.9	28	58	19	0	GÎZA
	62378	HELWÂN	00	0	35	02	0	0	—	7.9	33	30	13	340	11	15	02	0	0	—	8.2	31	28	10	0	HELWÂN
UPPER EGYPT	62381	FAIYÛM	330	5	35	02	0	0	—	8.4	33	30	13	00	0	35	02	0	0	—	7.2	30	52	19	0	FAIYÛM
	62387	MINYA	00	0	12	00	0	0	—	8.4	34	22	9	00	0	10	00	0	0	—	8.0	29	40	14	0	MINYA
	62393	ASYÛT MANQABÁD	320	5	30	00	0	0	—	8.6	34	23	10													ASYÛT MANQABÁD
	62399	NAGʿ HAMMÂDI	270	3	7	00	0	0	—	7.4	35	29	14	00	0		00	0	0	—	7.5	28	55	19	0	NAGʿ HAMMÂDI
	62402	QENA	240	5	50	00	0	0	—	7.2	37	22	12	270	2	7	03	0	4	Ci	7.2	31	31	12	0	QENA
	62405	LUXOR												00	0	12	01	1	3	Ci	6.8	33	13	1	0	LUXOR
	62414	ASWÂN	320	10	50	00	0	0	—	5.5	38	18	10	290	7	50	00	0	0	—	7.1	35	19	8	0	ASWÂN
OASES	62417	SÎWA	340	4	35	00	0	0	—	10.6	35	47	22													SÎWA
	62420	BAHARÎYA	360	2	35	02	0	0	—	8.8	33	24	10	40	3	35	02	0	0	—	9.8	30	31	11	0	BAHARÎYA
	62423	FARAFRA	320	1	35	02	0	0	—	9.3	35	19	8	320	2	15	02	0	0	—	10.0	28	20	3	0	FARAFRA
	62432	DAKHLA	320	3	50	00	0	0	—	9.0	35	15	5	320	3	35	00	0	0	—		31	28	10	0	DAKHLA
	62435	KHARGA	00	0	35	00	0	0	—	7.6	38	19	11			15	00	0	0	—		30	31	11	0	KHARGA
RED SEA	62450	SUEZ	00	0	35	02	0	0	—	6.8	34	41	19	360	9		02	0	0	—	7.4	30	35	13	0	SUEZ
	62459	TÛR																								TÛR
	62462	HURGHÂDA	40	6		00	0	0	—	6.3	31	66	24	110	6		00	1	0	—	6.7	28	62	20	0	HURGHADA
	62465	QUSEIR	20	5	15	02	0	0	—	7.4	31	59	22	20	5	15	02	0	0	—	7.1	28	79	25	0	QUSEIR
	62641	PORT SÛDÂN	290	12	10	08	0	1	Cu	4.8	42	28	20													PORT SÛDÂN
NORTH SÛDÂN	62600	WÂDI HALFA																								WÂDI HALFA
	62640	ABU ḤAMAD																								ABU ḤAMAD
	62660	KAREIMA	250	9		00	1	2	Ac	5.8	40	15	9													KAREIMA
	62680	ʿATBARA	200	5	30	02	1	6	Cu,Ci	6.8	38	25	15													ʿATBARA
	62721	KHARTÛM	180	6	30	03	2	7	Cu,Ac	7.8	35	35	17													KHARTÛM
	62730	KASSALA	200	5	30	02	3	8	Cu,Ac		30	55	20													KASSALA
CENTRAL SÛDÂN	62751	WÂD MEDANI	70	2	7	02	5	7	St		21	27	10													WÂD MEDANI
	62801	RENK																								RENK
	62802	ROSEIRES																								ROSEIRES
	62771	EL OBEID	250	12	30	01	5	8	Cu,Ac	7.2	33	38	17													EL OBEID
	62760	EL FÂSHER																								EL FÂSHER
	62770	GENEINA																								GENEINA
S. SÛDÂN	62840	MALAKÂL																								MALAKÂL
	62880	WÂU	00	0	30	02	1	7	Cu	9.1	34	47	21													WÂU
	62941	JUBA																								JUBA

At 0600 on Thursday 28th	WIND 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	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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
	320	1		03	1	2	Ci			26	30		22		55	16	0			SALUM
	70	7				1					28		19		22		0			SÎDI BARÂNI
	360	4	18	01	1	1	Ci	11.7		26	29		19		70	20	0	278		MATRÛH
	320	5	35	00	0	0	—	10.8		26			20		70	20	0			EL DABʿA
	40	9	50	03	2		Sc,Ac	11.1	+1.6	25	29	-1	23	0	74	20	0	267	186	ALEXANDRIA
	340	11	14	01	0	2	Sc	10.5		26	29		22		74	21	0	265	138	FOUAD (Airport)
	320	2	7	00	0	0	—	10.0	+1.6	27	31		20		79	23	0	319	106	DAMIETTA
	280	8	13	03	0	6	Sc	9.9		26	30		24		79	22	0	72		PORT SAʿÎD
	220	2	35	03	0	2	Cu			29	30	-1	20	-1	66	22	0		94	EL ʿARISH
	40	9	7	02	1	1	Cu	9.7	+0.8	26	31	-2	19	-1	70	20	0	102	101	DAMANHÛR
	320	5	35	01	1	3	Cu	10.6	+2.0	26	35	0	20	-1	74	21	0	49	55	MANSÛRA
	220	2	35	02	0	0	—	11.4	+2.1	24	34	-1	17	-3	84	21	0	34	44	TANTA
	220	5	7	00	0	0	—	11.2	+2.0	26	34	-1	22	+2	74	21	0	21	27	ZAGAZIG
	290	2		01	1	4	Sc	10.2		27	35		23		70	21	0	14		ISMAʿÎLÍA
	310	5	12	02	1	3	Cb	10.8		25			22		28	20	0			FAROUK (Airport)
																				ALMÀZA
	360	3	15	00	0	0	—	10.6	+1.9	25	35	-1	23	+1	79	21	0	8	26	EZBEKÍYA
	360	3	15	00	0	0	—	10.2	+1.6	26	35	0	22	+2	64	18	0	16	27	GÎZA
	320	5	7	00	0	0	—	9.5	+0.5	23	35	0	21	0	74	18	0	16	29	HELWÂN
	360	5	35	02	0	0	—	11.1	+2.0	25	36	-1	21	0	74	20	0	8	8	FAIYÛM
	20	12	8	00	0	0	—	10.4		25	35		22		74	20	0	5		MINYA
	340	3	30	00	0	0	—	9.2		26			22		70	20	0	Dr.		ASYÛT MANQABÁD
	00	0		00	0	0	—	8.7	+1.8	28	37		18		52	17	0	0		NAGʿ HAMMÂDI
	270	2	35	00	0	0	—	9.1	+2.4	29	38	-2	22	-2	40	14	0	Dr.		QENA
											39							Dr.		LUXOR
	360	3	50	00	0	0	—	8.7	+1.7	32	39	-2	23	-3	22	8	0	2		ASWÂN
	00	0	35	00	0	0	—	13.0	+1.4	26			19	-2	55	16	0	1	8	SÎWA
	360	4	35	02	1	3	Ac	11.5	+1.6	25	36	-1	21	+1	70	19	0	Dr.	7	BAHARÎYA
	360	3	15	02	1	1	As	11.5		27	36		20		52	16	0	Dr.		FARAFRA
	250	2	35	00	0	0	—	10.8	+2.4	27	37	-2	22	-1	33	9	0	Dr.		DAKHLA
	00	0	35	00	0	0	—	9.8	+2.0	27	38	-2	21	-2	42	13	0	0		KHARGA
	360	5	35	00	0	0	—	10.2	+2.0	25	36	0	22	-1	74	20	0	12	17	SUEZ
																		Dr.	13	TÛR
	300	4		00	0	0	—	7.9		28	35		24		62	20	0	7		HURGHADA
	310	5	15	02	0	0	—	7.9	+1.9	32	34	0	26	-2	34	14	0	0	4	QUSEIR
	250	13	30	03	0	3	Ac,Cc	5.9		38	43		28		22	13	0	40	101	PORT SÛDÂN
	00	0	30	01	0	1	Ac	8.6		28	39		22		27	7	0	27		WÂDI HALFA
	360	3	30	03	1	6	Ac	7.7		32	40		25		36	15	0			ABU ḤAMAD
	00	0	30	00	0	0	—	8.4		31	40		25		24	8	0	6	10	KAREIMA
	250	9	30	00	0	0	—	8.3		31	40		27		43	17	0	8	25	ʿATBARA
	180	12	30	03	1	7	Ac	10.0		29	36		27		59	20	0	16	62	KHARTÛM
	180	5	30	00	1	0	—	10.6		28	32		24		58	19	0	117	135	KASSALA
	260	25	35	02	1	6	As	10.7		25	32		21		79	21	dr	136	172	WÂD MEDANI
																			278	RENK
	230	19	35	00	0	0	—	13.3		23	28		20		84	20	Dr.	300	409	ROSEIRES
		13	30	01	5	7	Cu	11.9		23	33		22		94	22	27	160	158	EL OBEID
																	12	80	122	EL FÂSHER
	230	2	30	02	2	8	Ac			21	29		19		94	20	9		227	GENEINA
	270	3		02	2	8	Ac	14.0		22	31		21		44	21	47	713	483	MALAKÂL
	00	0	30	21	6	8	Sc	14.6		22	31		20		94	21	15	648	702	WÂU
																	15	543	712	JUBA

HUMIDITY %
Mean of day

STATION	on 27th	Diff. from normal
Alexandria	65	-10
Ezbekiya	59	-1
Giza	58	-2
Helwân	53	+4

GÎZA
GRASS MINIMUM TEMP.
ON 28th 17.5 °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 27th

STATION	Matruh				Minya				Fouad A.P.															
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.
300	340	10			340	10			340	13														
600	340	11			10	9			350	21														
1000	340	10			350	10			340	14														
1500	10	5			320	14																		
2000	350	4			320	22																		
3000	360	13																						
4000	350	16																						
5000	340	11																						
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 28th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAʿÎD		EL ʿARÎSH		HELWÂN		MINYA		ASYÛT MANQABÁD		LUXOR		ASWÂN		HURGHADA		
TIME	9		4 30		3		3						3		10						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	7	320	9	320	20	290	9					10	17	330	10					340	19		
600	350	8	340	10	340	18	300	17					20	14							320	19		
1000	360	9	350	20	350	13	340	18					350	12							280	7		
1500	360	13	350	14	340	6	360	17					330	9	320	14					270	5		
2000	350	21	340	19	340	11							350	5	330	11					160	10		
3000	360	23	340	23	330	3							10	6	20	10								
4000	350	24			330	4									320	5								
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ ḤAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7														5		4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	40	6	20	12	30	3	50	2															270	19
600	20	7	20	18	40	3	360	4															270	21
1000	10	7	340	16	20	11	330	5													290	7	260	8
1500	20	18	340		360	5	320	10													260	8	240	7
2000	30	24	340	37	320	10	330	10																
3000			360	27																			300	6
4000																							200	3
5000																								
6000																								
7000																								
8000																								

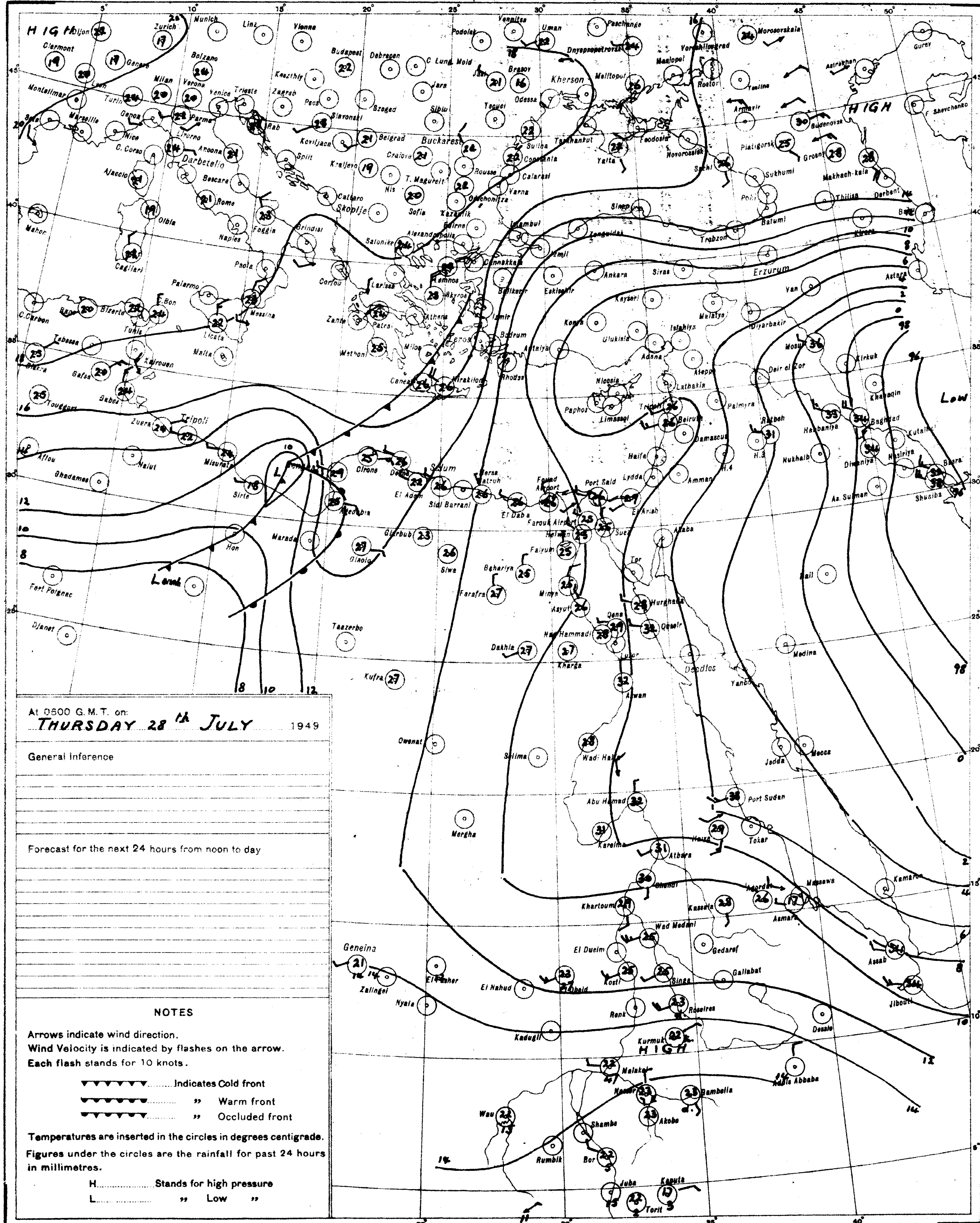
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 28 - 7 - 1949



At 0600 G.M.T. on:
THURSDAY 28th JULY 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 } Thunderstorm during		91
Hail } the past hour		93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

S of E 1948(44/195)(44/450)

CAIRO
Time of Sunrise 03 12 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 : Friday 29th July, , 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.	RAIN PAST 12 hrs mms.
MEDITERRANEAN	62300	SALÛM	320	6	7	02	1	2	Ci	15.8	27	52	16	0
	62303	SÎDI BARÂNI	320	6	50	02	2	6	Cs	13.4	29	66	22	0
	62306	MATRÛH	10	10	18	00	1	0	—	12.3	28	62	20	0
	62309	EL DABA	320	6	35	01	1	3	Ac.	11.9	28	70	22	0
		ALEXANDRIA	360	11	35	01	2		Sc, Ac	10.0	27	70	21	0
	62318	FOUAD (Airport)	300	18	18	02	0	2	Cu	10.6	28	62	20	0
	62330	DAMIETTA	360	2	15	00	0	0	—	9.6	29	70	23	0
	62333	PORT SA'ÎD	360	11	30	02	0	0	—	9.2	27	79	23	0
	62336	EL 'ARISH	320	9	35	01	0	0	—	8.7	28	62	20	0
LOWER EGYPT	62339	DAMANHÛR	270	13	15	02	0	0	—	10.0	30	66	23	0
	62342	MANSÛRA	320	9	35	00	1	0	—	9.6	34	39	18	0
	62348	TANTA	270	8	35	02	0	0	—	9.5	33	38	17	0
	62354	ZAGAZIG	320	5	15	00	0	0	—	0	35	42	20	0
	62441	ISMA'ÎLIA	320	2	35	02	0	0	—	8.4	36	29	15	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMÀZA												
		EZBEKÎYA	340	5	35	00	0	0	—	8.0	35	30	15	0
		GÎZA	340	5	35	00	0	0	—	9.5	35	23	11	0
	62378	HELWÂN	320	11	35	02	0	0	—	8.3	35	19	8	0
UPPER EGYPT	62381	FAIYÛM	360	2	35	02	0	0	—	7.7	36	20	10	0
	62387	MINYA	350	13	14	00	0	0	—	8.4	36	18	8	0
	62393	ASYÛT MANQABAD	320	5	18	00	0	0	—	8.1	36	18	8	
	62399	NAG' HAMMÀDI	320	2	7	00	0	0	—	7.1	36	29	15	0
	62402	QENA	220	2	50	00	0	0	—	6.6	39	21	13	0
	62405	LUXOR												
	62414	ASWÂN	290	6	50	00	0	0	—	6.0	38	17	8	0
OASES	62417	SÎWA	320	8	35	00	0	0	—	12.2	37	56	27	
	62420	BAHARÎYA	360	4	35	02	1	0	—	9.4	35	19	8	0
	62423	FARAFRA	360	4	35	02	0	0		10.2	35	23	11	0
	62432	DAKHLA	00	0	50	00	0	0	—	8.0	35	19	8	0
	62435	KHARGA	00	0		00	0	0	—	7.9	37	27	15	0
RED SEA	62450	SUEZ	00	0	35	02	0	0	—	7.8	34	36	17	0
	62459	TÛR	310	11	35	00	0	0	—	7.0	29	59	20	0
	62462	HURGHÂDA	360	10		00	0	0	—	6.7	29	70	23	0
	62465	QUSEIR	20	9	15	02	0	0	—	7.5	31	59	22	0
	62641	PORT SÛDÂN	20	16	30	01	2	3	Cu, Ac	4.4	35	50	23	
NORTH SÛDÂN	62600	WÂDI HALFA	340	9	30	00	0	0	—	6.5	39	12	5	
	62640	ABU HAMAD	270	1	30	00	1	2	Cs	4.1	41	7	-2	
	62660	KAREIMA	300	2	30	00	0	0	—	5.1	41	10	3	
	62680	'ATBARA	240	2	30	03	0	3	Cu	4.2			13	
	62721	KHARTÛM	270	11	30	01	2	5	Cu	6.6	35	35	17	
	62780	KASSALA	230	2	30	02	1	6	Cu	5.9	36	35	18	
CENTRAL SÛDÂN	62751	WÂD MEDANI												
	62801	RENK	230	9	50	01	1	4	Cu	9.4	32	49	20	
	62802	ROSEIRES												
	62771	EL OBEID	240	10	30	01	1	5	Cu, Sc	8.6	29	52	18	
	62760	EL FÂSHER	110	10	30	02	1	7	Sc, Ci, S		27	58	18	
	62770	GENEINA	230	8	30	01	2	6	Cb		26	66	19	
S. SÛDÂN	62840	MALAKÂL												
	62880	WÂU	210	3	30	02	1	7	Cu, Sc	11.1	29	59	20	
	62941	JUBA	310	2	30	01	2	7	Sc, Cu	11.9	27	70	21	

At 1800 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	SALÛM	320	9	7	02	1	2	Ci		27	62	19
	62303	SÎDI BARÂNI	320	6	35	02	2	8	Cs	12.7	25	84	22
	62306	MATRÛH	350	10	13	00	0	0	—	10.8	26	74	20
	62309	EL DABA	320	5	15	00	0	0	—	11.0	28	94	23
		ALEXANDRIA	360	6	3	02	2	4	Cu, Sc	9.0	25	84	22
	62318	FOUAD (Airport)	340	14	18	02	1	3	Sc	9.6	24	79	20
	62330	DAMIETTA	320	5		03	0	1	Cu	9.3	25	94	24
	62333	PORT SA'ÎD	330	15	15	02	0	0	—	8.5	26	84	23
	62336	EL 'ARISH	320	2	15	02	0	1	Cu	7.6	26	94	25
LOWER EGYPT	62339	DAMANHÛR	230	9	7	02	0	0	—	9.9	25	84	22
	62342	MANSÛRA	320	9	3	00	0	0	—	9.4	26	74	21
	62348	TANTA	00	0	35	02	0	0	—	9.3	25	61	17
	62354	ZAGAZIG	320	5	3	00	0	0	—	9.6	28	62	20
	62441	ISMA'ÎLIA	340	2	15	02	0	0	—	8.2	30	46	17
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMÀZA											
		EZBEKÎYA	360	4	15	00	0	0	—	9.1	28	62	20
		GÎZA	360	4	15	00	0	0	—	10.2	28	60	19
	62378	HELWÂN	320	16	15	02	0	0	—	8.4	29	52	18
UPPER EGYPT	62381	FAIYÛM	360	2	35	02	0	0	—	10.0	30	46	17
	62387	MINYA	10	2	12	00	0	0	—	7.3	28	40	13
	62393	ASYÛT MANQABAD											
	62399	NAG' HAMMÀDI	00	0	7	00	0	0	—	5.4	27	52	16
	62402	QENA	240	5	7	00	0	0	—	6.4	30	35	13
	62405	LUXOR	290	3	12	00	0	0	—	5.6	33	23	9
	62414	ASWÂN	360	8	50	00	0	0	—	6.2	36	18	8
OASES	62417	SÎWA											
	62420	BAHARÎYA	360	3	15	02	0	0	—	7.3	32	24	9
	62423	FARAFRA	320	2	15	02	0	0	—	9.6	31	17	3
	62432	DAKHLA	320	6	35	00	0	0	—		32	24	9
	62435	KHARGA	00	0	15	00	0	0	—	8.0	32	28	11
RED SEA	62450	SUEZ	360	8	3	02	0	0	—	7.8	30	46	17
	62459	TÛR	310	10	15	00	0	0	—	5.1	29	52	18
	62462	HURGHÂDA	290	11		00	0	0	—	4.7	30	52	19
	62465	QUSEIR	40	5	16	02	0	0	—	6.2	29	70	23
	62641	PORT SÛDÂN											
NORTH SÛDÂN	62600	WÂDI HALFA											
	62640	ABU HAMAD											
	62660	KAREIMA											
	62680	'ATBARA											
	62721	KHARTÛM											
	62780	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 Friday 29th July,

AREA	INDEX NUMBER	STATION	WIND 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	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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
MEDITERRANEAN	62300	SALÛM	320	6	7	01	0	0	—			28	31		25		70	22	0			SALUM
	62303	SÎDI BARÂNI	320	10	50	02	2	8	Cs	11.4		26	29		23		74	21	0			SÎDI BARÂNI
	62306	MATRÛH	340	10	18	00	0	0	—	10.0		26	29		20		79	22	0	278		MATRÛH
	62309	EL DABA	320	5	35	00	0	0	—	9.4		27			23		70	21	0			EL ḌABA
		ALEXANDRIA	360	11	50	00	0	0	—	8.3	-1.2	25	28	-2	23	0	74	20	0	267	166	ALEXANDRIA
	62318	FOUAD (Airport)	320	16	18	02	0	0	—	7.9		26	29		23		74	21	0	265	138	FOUAD (Airport)
	62330	DAMIETTA	220	2	3	03	1	6	Fs, Fc	7.8	-0.6	26	29		18?		84	23	0	319	106	DAMIETTA
	62333	PORT SA'ÎD	280	11	12	03	2	7	Sc	7.6		25	29		23		72	21	0	72		PORT SA'ÎD
	62336	EL 'ARISH	320	2	35	02	0	1	Cu	7.9	-0.7	25	30	-1	21	0	74	20	0		94	EL 'ARISH
LOWER EGYPT	62339	DAMANHÛR	40	9	7	02	1	1	Cu	8.8	-0.2	26	31	-2	20	0	84	23	0	102	101	DAMANHÛR
	62342	MANSÛRA	250	5	35	03	2	6	Sc, Cu	7.9	-0.7	26	35	0	21	0	74	21	0	49	55	MANSÛRA
	62348	TANTA	270	5	35	02	0	0	—	8.1	-1.2	25	34	-1	18	-2	84	22	0	34	44	TANTA
	62354	ZAGAZIG	320	5	7	00	0	0	—	8.6	-0.6	26	37	+2	22	+2	70	20	0	21	27	ZAGAZIG
	62441	ISMA'ÎLIA	270	2	7	01	0	0	—	7.8		25	37		22		74	20	0	14		ISMA'ÎLIA
CAIRO AREA	62366	FAROUK (Airport)																				FAROUK (Airport)
	62372	ALMÀZA																				ALMÀZA
		EZBEKÎYA	360	2	15	00	0	0	—	8.2	-0.7	25	35	-1	22	0	74	20	0	8	26	EZBEKÎYA
		GÎZA	360	2	15	00	0	0	—	9.0	+0.2	25	35	0	21	+1	69	19	0	16	27	GÎZA
	62378	HELWÂN	340	4	7	06	0	0	—	8.6	-0.4	24	36	+1	21	0	74	19	0	16	29	HELWÂN
UPPER EGYPT	62381	FAIYÛM	00	0	35	02	0	0	—	7.9	-1.3	25	37	0	21	0	74	20	0	8	8	FAIYÛM
	62387	MINYA											37							5		MINYA
	62393	ASYÛT MANQABAD	320	6	30	00	0	0	—	8.2		26			21		66	19	0	dr.		ASYÛT MANQABAD
	62399	NAG' HAMMÀDI	00	0	3	00	0	0	—	6.8	-0.1	28	37		19		55	19	0	0		NAG' HAMMÀDI
	62402	QENA	270	2	35	00	0	0	—	6.3	-0.4	30	40	0	23	-1	40	15	0	dr.		QENA
	62405	LUXOR											39							dr.		LUXOR
	62414	ASWÂN	00	0	35	01	1	2	Ci	6.6	-0.4	34	40	-1	26	0	34	16	0	2		ASWÂN
OASES	62417	SÎWA			35	00	0	0	—	12.4	+0.8	25			21	0	74	20	0	1	8	SÎWA
	62420	BAHARÎYA	360	6	35	02	1	3	Ac	10.2	+0.3	24	36	-1	20	0	74	19	0	dr.	7	BAHARÎYA
	62423	FARAFRA	360	9	15	02	0	0	—	10.3		26	37		21		55	16	0	dr.		FARAFRA
	62432	DAKHLA	320	3	35	00	0	0	—	8.4	0.0		37	-2	23	0		11	0	dr.		DAKHLA
	62435	KHARGA	00	0	35	00	0	0	—	8.2	+0.4	28	38	-2	22	-1	62	17	0	0		KHARGA
RED SEA	62450	SUEZ	360	3	35	00	0	0	—	6.4	+0.2	25	37	+1	21	-2	70	19	0	12	17	SUEZ
	62459	TÛR	310	5	35	00	0	0	—	6.3	+0.5	27	33	-1	25	0	70	21	0	dr.	13	TÛR
	62462	HURGHADA	310	11		00	0	0	—	5.5		28	30		24		62	20	0	7		HURGHADA
	62465	QUSEIR	360	9	15	02	0	0	—	5.8	-0.2	31	33	-1	25	-2	43	17	0	0	4	QUSEIR
	62641	PORT SÛDÂN	00	0	30	01	1	2	Ac	5.4		35	42		25		29	14	0	40	101	PORT SÛDÂN
NORTH SÛDÂN	62600	WÂDI HALFA	00	0	30	00	0	0	—	7.9		28	41		22		31	9	0	27		WÂDI HALFA
	62640	ABU HAMAD	360	5	30	03	1	6	Ac, Ci	6.1		33	42		28		24	10	0			ABU HAMAD
	62660	KAREIMA	00	0	30	01	0	3	Ac	7.1		31	41		25		33	13	0	6	10	KAREIMA
	62680	'ATBARA	250	13	17	02	0	8	Cs				41		28?		—	19	0	8	26	'ATBARA
	62721	KHARTÛM	180	24	30	01	2	5	Cu, Ac	8.7		28	37		27?		66	21	0	16	64	KHARTÛM
	62780	KASSALA	180	9	30	02	9		Cs	9.6		26	37		21		62	18	10	127	138	KASSALA
CENTRAL SÛDÂN	62751	WÂD MEDANI	230	5	50	02	1	7	Ac.	10.7		24	34		22		74	19	0	136	177	WÂD MEDANI
	62801	RENK	50	5	50	02	2	8	Cu	6.2?		24	33				74	19	0		282	RENK
	62802	ROSEIRES																	8	308	415	ROSEIRES
	62771	EL OBEID	230	8	30	02	2	7	Cu, Ac			24	31		23		84	21	0	160	161	EL OBEID
	62760	EL FÂSHER	270	5	30	02	5	7	Sc, Cu			24	29		23		69	18	dr.	79	127	EL FÂSHER
	62770	GENEINA	00	0	30	02	2	7	Cu, Cs			21	28		20		94	20	6		234	GENEINA
S. SÛDÂN	62840	MALAKÂL	160	4	30	03	1	4	Cb, Ac	12.2		25	29		21		70	19	dr.	713	490	MALAKÂL
	62880	WÂU	00	0	30	02	1	7	Ac	12.4		23	29		19		94	22	0	648	709	WÂU
	62941	JUBA																	0	543	716	JUBA

HUMIDITY % Mean of day

STATION	on 28th	Diff. from normal
Alexandria	78	+3
Ezbekiya	65	+5
Giza	58	-3
Helwân	59	+10

GÎZA
GRASS MINIMUM TEMP.
ON 29th 15.6 °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 28th

STATION	Matruh DIR.	Matruh VEL.			Fouad A.P. DIR.	Fouad A.P. VEL.			Port Said DIR.	Port Said VEL.			Minya DIR.	Minya VEL.			Hurghada DIR.	Hurghada VEL.						
TIME	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.
300	320	18			320	34			300	23			360	17			350	4						
600	320	18			330	30			310	30			10	20			350	16						
1000	340	23			330	23			310	24			360	22			360	13						
1500	350	27			340	21			320	20			360	17			320	12						
2000	360	35			320	30			280	16			350	20			340	11						
3000									20	10			360	9			320	15						
4000													350	5			310	15						
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 29th July,

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 MANQABAD DIR.	ASYÛT MANQABAD VEL.	LUXOR DIR.	LUXOR VEL.	ASWÂN DIR.	ASWÂN VEL.	HURGHADA DIR.	HURGHADA VEL.		
TIME	9		3 30		3		3						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	320	13	320	19	300	17	260	11					350	23	320	10					330	26		
600	330	10	350	21	330	20	270	10					40	13	320	9					330	18		
1000	330	11	350	25	310	6	280	6					330	13	310	9					320	24		
1500	320	16	360	29	320	12	310	5					310	20	280	10					270	10		
2000	340	15	340	31	10	12	360	5					290	10							210	9		
3000	360	10	360	29	10	11	40	4													260	12		
4000	360	6			20	15															220	6		
5000	360	13																			30	3		
6000																								
7000																								
8000																								

STATION	SÎWA DIR.	SÎWA VEL.	BAHARÎYA DIR.	BAHARÎYA VEL.	DAKHLA DIR.	DAKHLA VEL.	KHARGA DIR.	KHARGA VEL.	WÂDI HALFA DIR.	WÂDI HALFA VEL.	ABÛ HAMAD DIR.	ABÛ HAMAD VEL.	KAREIMA DIR.	KAREIMA VEL.	KHARTÛM DIR.	KHARTÛM VEL.	KASSALA DIR.	KASSALA VEL.	EL OBEID DIR.	EL OBEID VEL.	EL FÂSHER DIR.	EL FÂSHER VEL.	MALAKÂL DIR.	MALAKÂL VEL.
TIME	9		9		9		7						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	340	11	320		330	3	30	7					40	5										
600	330	10	90		360	4	20	15					30	11	150	23								
1000	350	11	350		320	11	10	17					30	7	180	21								
1500	340	10	350										330	9	180	17								
2000															160	10								
3000	330	8													30	15								
4000															30	12								
5000																								
6000																								
7000																								
8000																								

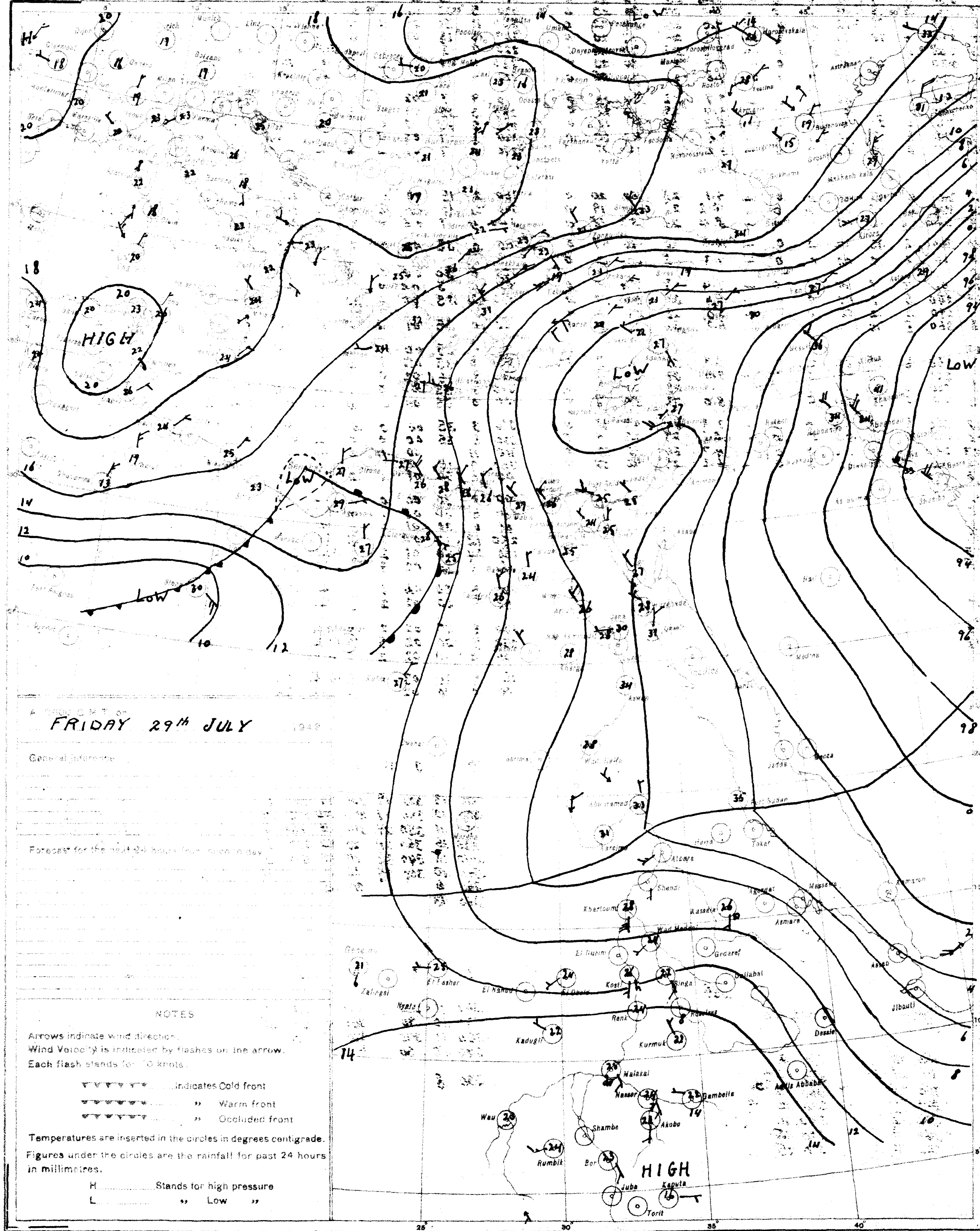
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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

Note: All times G. M. T.

Form No. 7P

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 29: 7 1949



A 0600 G.M.T. on FRIDAY 29th JULY 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 ,,

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

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00
Clouds dissolving	01
State of sky generally unchanged	02
Clouds developing	03
Visibility more than 1000 metres: Visibility reduced by smoke	04
Dry haze	05
Dust in the air	06
,, or sand raised by wind	07
Dust devil	08
Duststorm or sandstorm within sight or at station during last hour	09
Mist	10
Shallow fog	12
Lightning, no thunder heard	13
Precipitation within sight	15
Thunder, no precipitation	17
During past hour and not at time of observation: Squalls	18
Drizzle	20
Rain	21
Showers of rain	25
,, hail	27
Fog	28
Thunderstorm	29
Duststorm or Sandstorm	[illegible]
Fog	45
Drizzle	50
Rain	60
Showers of rain	80
,, ,, hail	87
Rain — Thunderstorm during the past hour	91
Hail — Thunderstorm during the past hour	93
Thunderstorm with rain	95
,, ,, hail	96
,, ,, Sandstorm	98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

CAIRO

Time of Sunrise 03 12 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 : Saturday 30th July, , 1949

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.	RAIN PAST 12 hrs mms.
MEDITERRANEAN	62300	SALÛM	360	9	7	02	0	0	—		32	68	25	
	62303	SÎDI BARÂNI	320	12	50	02	2	8	Cs	10.6	27	79	23	
	62306	MATRÛH	360	12				0	—	8.8	30	62	22	
	62309	EL DAB'A	320	7	35	00	0	0	—		29	46	16	
		ALEXANDRIA	20	14	50	00	0	0	—	6.8	28	62	20	
	62318	FOUAD (Airport)	320	14	18	02	0	1	Sc	7.0	29	66	22	
	62330	DAMIETTA	320	2		00	0	0	—	6.4	29	70	23	
	62332	PORT SA'ÎD	360	10	30	02	0	0	—	6.1	29	46	16	
	62336	EL 'ARISH	320	9	35	01	0	0	—	8.7	28	62	20	
LOWER EGYPT	62339	DAMANHÛR												
	62342	MANSÛRA	270	9	35	00	1	0	—	6.3	34	47	21	
	62348	TANTA	00	0	35	02	0	0	—	6.3	35	42	20	
	62354	ZAGAZIG	320	5	15	00	0	0	—	5.3	36	37	19	
	62441	ISMA'ÎLIA	270	2	35	02	0	0	—	5.9	35	29	14	
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMÂZA												
		EZBEKÎYA	340	4	35	00	0	0	—	5.8	35	32	16	
		GÎZA	340	4	35	00	0	0	—	6.6	35	29	14	
	62378	HELWÂN	320	8	35	02	0	0	—	5.6	35	23	11	
UPPER EGYPT	62381	FAIYÛM	00	0	35	02	0	0	—	6.3	34	32	15	
	62387	MINYA	350	1	14	00	0	0	—	6.4	34	32	15	
	62393	ASYÛT MANQABÂD	00	0	36	00	0	0	—	6.1	34	30	14	
	62399	NAG' HAMMÂDI	270	2	7	00	0	0	—	4.7	36	33	17	
	62402	QENA	240	5	50	03	0	2	Ci	4.4	40	19	12	
	62405	LUXOR												
	62414	ASWÂN	360	5	50	01	1	2	Ci	3.6	39	20	12	
OASES	62417	SÎWA												
	62420	BAHARÎYA	320	3	35	62	1	0	—	7.9	35	29	14	
	62423	FARAFRA	320	4	35	02	1	1	As	8.4	35	23	11	
	62432	DAKHLA	320	3	50	00	0	0	—		36	20	10	
	62435	KHARGA	360	1	35	00	0	0	—	6.3	37	22	12	
RED SEA	62450	SUEZ	00	0	35	02	0	0	—	5.6	35	29	14	
	62459	TÛR	310	10	35	00	0	0	—	4.4	36	40	20	
	62462	HURGHÂDA				00	0	0	—		29	70	23	
	62465	QUSEIR	20	9	15	02	0	0	—	5.1	31	59	22	
	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 Fri. 29th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.
MEDITERRANEAN	62300	SALÛM	320	10	7	02	0	0	—	9.5	28	74	23	0
	62303	SÎDI BARÂNI	290	12	35	02	2	8	Cs	9.5	25	84	22	0
	62306	MATRÛH	350	8	18	00	0	0	—	8.3	25	78	20	0
	62309	EL DAB'A	320	6	15	00	0	0	—	8.5	24	94	23	0
		ALEXANDRIA	20	10	7	00	0	0	—	7.0	24	84	21	0
	62318	FOUAD (Airport)	340	11	13	02	0	0	—	6.2	24	84	21	0
	62330	DAMIETTA	320	2		00	0	0	—	6.3	25	88	23	0
	62332	PORT SA'ÎD	320	10	12	02	0	0	—	4.8	26	79	22	0
	62336	EL 'ARISH	320	2	15	02	0	1	Cu		26	94	25	0
LOWER EGYPT	62339	DAMANHÛR	310	5	15	02	0	0	—	6.7	25	84	22	0
	62342	MANSÛRA	320	5		00	0	0	—	6.2	27	70	21	0
	62348	TANTA	270	2	35	02	0	0	—	4.7	26	62	18	0
	62354	ZAGAZIG	220	5		00	0	0	—	6.0	28	70	22	0
	62441	ISMA'ÎLIA	20	2	15	02	0	0	—	5.1	30	66	23	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMÂZA												
		EZBEKÎYA	00	0	15	00	0	0	—	5.6	29	59	20	0
		GÎZA	00	0	15	00	0	0	—	5.7	28	62	20	0
	62378	HELWÂN	320	10	15	02	0	0	—	5.4	30	66	17	0
UPPER EGYPT	62381	FAIYÛM	360	2	35	02	0	0	—	4.6	31	49	19	0
	62387	MINYA	00	0	12	00	0	0	—	6.3	29	40	14	0
	62393	ASYÛT MANQABÂD												
	62399	NAG' HAMMÂDI	00	0		00	0	0	—	4.2	29	52	18	0
	62402	QENA	270	2	50	00	0	0	—	4.6	31	38	15	0
	62405	LUXOR	00	0	12	00	0	0	—	3.4	33	21	8	0
	62414	ASWÂN	290	6	50	00	0	0	—	3.4	35	22	10	0
OASES	62417	SÎWA												
	62420	BAHARÎYA	00	0	15	02	0	0	—	6.6	31	28	10	0
	62423	FARAFRA	360	2	15	02	1	1	As	6.7	30	31	11	0
	62432	DAKHLA	320	3	35	00	0	0	—	6.3	31	28	10	0
	62435	KHARGA	360	1	15	00	0	0	—	7.0	31	22	7	0
RED SEA	62450	SUEZ	360	8	3	02	0	0	—	4.6	31	66	24	0
	62459	TÛR	310	3	15	00	0	0	—	3.1	29	59	20	0
	62462	HURGHÂDA	270	2		00	0	0	—	2.8	29	37	13	0
	62465	QUSEIR	360	5	15	02	0	0	—	3.8	31	52	19	0
	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 0600 on Saturday 30th July,

AREA	INDEX NUMBER	STATION	WIND 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	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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
MEDITERRANEAN	62300	SALÛM	270	10	7	02	0	0	—	8.0		25	34		20		74	20	0			SALÛM
	62303	SÎDI BARÂNI	320	9	50	02	2	8	Cs	7.6		25	28		23		84	22	0			SÎDI BARÂNI
	62306	MATRÛH	340	9	15	00	0	0	—	6.6		26	30		20		70	20	0	278		MATRÛH
	62309	EL DAB'A	320	4	35	00	0	0	—	5.6		28			22		52	17	0			EL DAB'A
		ALEXANDRIA	360	10	50	03	1		Sc,Ac	5.4	-4.1	25	29	-1	23	0	84	22	0	267	186	ALEXANDRIA
	62318	FOUAD (Airport)	340	12	18	02	0	0	—	4.9		26	30		23		74	21	0	265	138	FOUAD (Airport)
	62330	DAMIETTA	250	2	3	03	0	1	Ac	5.0	-3.4	27	31		20		79	23	0	319	106	DAMIETTA
	62332	PORT SA'ÎD	250	6	10	01	2	5	Sc	4.5		26	33		24		84	22	0	72		PORT SA'ÎD
	62336	EL 'ARISH	220	2	35	03	2	7	Cu	5.8	-2.8	27	30	-1	22	+1	79	23	0		74	EL 'ARISH
LOWER EGYPT	62339	DAMANHÛR	310	5	7	02	1	1	Cu	5.9	-3.1	26	30	-3	20	0	84	23	0	102	101	DAMANHÛR
	62342	MANSÛRA	320	5	35	00	0	0	—	5.1	-3.5	27	34	-1	22	+1	70	21	0	49	55	MANSÛRA
	62348	TANTA	00	0	35	02	0	0	—	6.2	-3.1	25	35	0	18	-2	84	22	0	34	44	TANTA
	62354	ZAGAZIG	220	5	7	00	0	4	Ac	5.1	-4.1	27	38	+3	23	+3	79	23	0	21	27	ZAGAZIG
	62441	ISMA'ÎLIA	270	2	7	01	2	7	Ac	5.3		26	37		23		70	20	0	14		ISMA'ÎLIA
CAIRO AREA	62366	FAROUK (Airport)	270	8	10	01	1	6	St	6.2		25			22		94	24	0			FAROUK (Airport)
	62372	ALMÂZA	250	7	12	02	7	6	St.	5.2		24			22		79	20	0			ALMÂZA
		EZBEKÎYA	340	1	15	01	0	5	Sc	5.5	-3.4	24	36	0	23	+1	84	21	0	6	26	EZBEKÎYA
		GÎZA	340	1	15	01	0	5	Sc.	6.2	-2.6	24	36	+1	22	+2	80	21	0	16	27	GÎZA
	62378	HELWÂN	320	2	7	00	2	7	St.	5.6	-3.4	24	36	+1	22	+1	84	21	0	16	29	HELWÂN
UPPER EGYPT	62381	FAIYÛM	360	2	35	02	0	0	—	5.4	-3.8	25	37	0	22	+1	74	20	0	8	8	FAIYÛM
	62387	MINYA	20	1	10	00	0	0	—	6.1		25	38		20		70	19	0	5		MINYA
	62393	ASYÛT MANQABÂD	220	8	30	00	0	0	—	5.4		27			27		52	16	0	dr.		ASYÛT MANQABÂD
	62399	NAG' HAMMÂDI											37						0	0		NAG' HAMMÂDI
	62402	QENA	270	2	35	00	0	0	—	4.4	-2.4	29	41	+1	23	-1	40	14	0	dr.		QENA
	62405	LUXOR	00	0	50	00	0	0	—	4.0			40						0	dr.		LUXOR
	62414	ASWÂN	00	0	50	00	0	0	—	5.6	-1.4	30	41	0	25	-1	43	16	0	2		ASWÂN
OASES	62417	SÎWA	320	4	35	00	0	0	—	11.2	-0.4	25			21	0	70	19	0	1	8	SÎWA
	62420	BAHARÎYA	360	5	18	02	0	0	—	7.2	-2.7	25	36	-1	21	+1	70	19	0	dr.	7	BAHARÎYA
	62423	FARAFRA	360	2	15	02	0	0	—	6.3		27	36		21		55	17	0	dr.		FARAFRA
	62432	DAKHLA	320	3	35	00	0	0	—	6.3	-2.1	29	37	-2	20	-3	31	10	0	dr.		DAKHLA
	62435	KHARGA	00	0	35	00	0	0	—	5.8	-2.7	27	38	-2	19	-4	37	11	0	0		KHARGA
RED SEA	62450	SUEZ	00	0	35	00	0	0	—	5.9	-2.3	26	37	+1	23	0	70	20	0	12	17	SUEZ
	62459	TÛR	310	4	35	00	0	0	—	4.7	-1.2	28	36	+2	22	-3	70	22	0	dr.	13	TÛR
	62462	HURGHÂDA	320	4		00	0	0	—	3.4		28	32		23		70	22	0	7		HURGHADA
	62465	QUSEIR	320	5	15	02	0	0	—	4.0	-2.0	29	33	-1	25	-2	66	22	0	0	4	QUSEIR
	62641	PORT SÛDÂN	310	1	30	00	0	0	—	4.8		33	38		25		50	21	0	40	101	PORT SÛDÂN
NORTH SÛDÂN	62600	WÂDI HALFA	00	0	30	03	1	7	Ci	5.7		29	42		22		27	8	0	27		WÂDI HALFA
	62640	ABU ḤAMAD	00	0	30	01	0	1	Ci	5.5		31	42		24		38	15	0			ABU ḤAMAD
	62660	KAREIMA	00	0	30	00	0	0	—	6.0		32	42		25		21	7	0	6	10	KAREIMA
	62680	'ATBARA	200	5	30	03	1	2	Ac	5.9		32	42		28		41	17	0	8	26	'ATBARA
	62721	KHARTÛM	200	17	30	03	1	3	Ci	7.5		30	38		27				0	16	66	KHARTÛM
	62730	KASSALA	180	1	30	01	0	0	—	8.5		28	34		21		55	18	0	127	140	KASSALA
CENTRAL SÛDÂN	62751	WÂD MEDANI																		136	182	WÂD MEDANI
	62801	RENK																			286	RENK
	62802	ROSEIRES	200	2	35	00	0	0	—	10.7		25	30		22		79	21	0	308	421	ROSEIRES
	62771	EL OBEID	120	15	30	02	1	7	Ac	9.2		24	33		23		79	20	0	160	165	EL OBEID
	62760	EL FÂSHER																		80	132	EL FÂSHER
	62770	GENEINA																			241	GENEINA
S. SÛDÂN	62840	MALAKÂL	230	4	30	03	2	7	Sc,Ac	2.4		24	31		20		89	22	0	713	496	MALAKÂL
	62880	WÂU	230	5	30	00	0	7	Ac,Cu	11.5		23	31		21		88	21	0.4	648	716	WÂU
	62941	JUBA	230	2	30	03	2	8	Sc,Ac	12.7		23	30		20		95	23	dr	543	721	JUBA

HUMIDITY % Mean of day

STATION	on 29th	Diff. from normal
Alexandria	77	+2
Ezbekîya	63	+3
Gîza	62	+1
Helwân	59	+9

GÎZA GRASS MINIMUM TEMP. ON 30th 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						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	Fouad A.P.				P. Said.				Minya				Hurghada			
TIME	15				15				15				15			
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	320	16			300	22			10	10			350	4		
600	320	23			280	24			10	16			350	5		
1000	330	29			270	17			10	13			320	11		
1500	320	35			280	12							340	13		
2000	340	23			280	14							320	24		
3000	320	24			300	13							280	22		
4000													290	12		
5000													350	4		
6000																
7000																
8000																

UPPER WIND OBSERVATIONS on 30th

STATION	SÎDI BARÂNI		MATRÛH		ROUAD AIRPORT		PORT SAÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA	
TIME	9		3		9		4				9 45		3		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.
300	320	7	290	16	320	40	270	9			280	8	350	13	320	5					350	12
600	340	8	320	8	340	8	290	8			300	6	360	12	340	7			200	5	290	13
1000	310	5	340	10	350	22					230	4	360	12	340	8			280	4	90	1
1500	240	4	360	15	280	5					00	0			300	10			260	17	90	2
2000	40	3	240	3	350	6					180	4							240	14	80	5
3000	360	8	310	9	240	4																
4000	350	8			350	16																
5000					350	4																
6000																						
7000																						
8000																						

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ ḤAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7		3								4							
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	340	5	320	11	340	3	360	3																
600	330	4	30	3	320	5	10	7	210	2							180	14						
1000	350	8	330	5	320	3	20	10	230	3							210	14						
1500	350	5	280	3	20	3	30	16	310	7							240	11						
2000	120	4			270	4			260	9							20	16						
3000	350	10			270	6			250	23														
4000	300	6																						
5000																								
6000																								
7000																								
8000																								

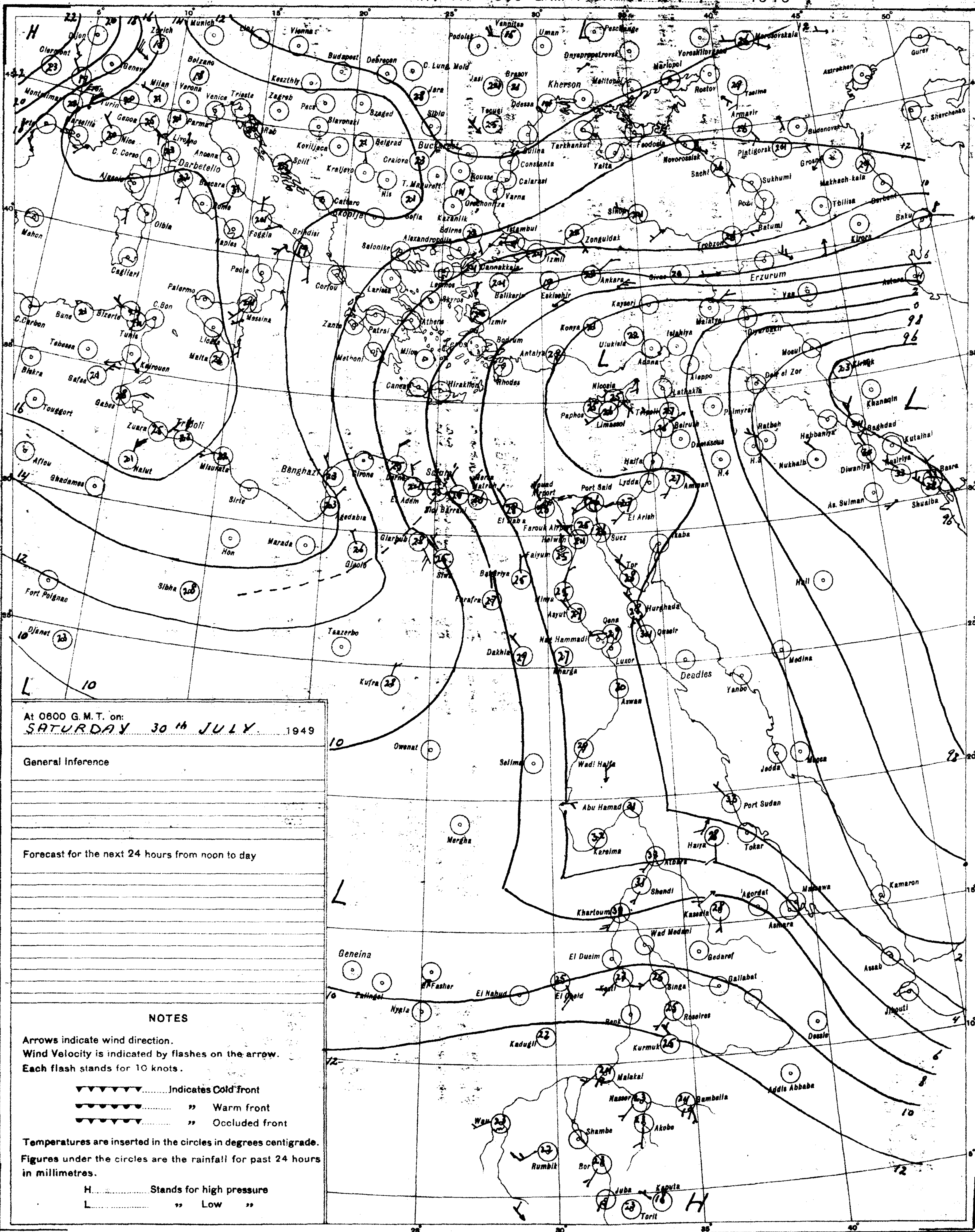
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 30 . 7 . 1949



At 0600 G.M.T. on:
SATURDAY 30th JULY 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 „

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

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

CAIRO
Time of Sunrise 03 13 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 31 st July, , 1949

AREA	IDENTIFICATION NUMBER	STATION	At 1200 on Sat. 30th										At 1800 on Sat. 30th										At 0600 on Sunday 31st July,										STATION
			WIND		VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD		BAR. PRESSURE M.S.L.	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	WIND		VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD		BAR. PRESSURE M.S.L.	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs	WIND		VISIBILITY KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD		BAR. PRESSURE	TEMPERATURES °C					RAINFALL mms.		
			DIRECTION	VELOCITY IN KNOTS				AMOUNT O-8	FORM	mbs				DIRECTION	VELOCITY IN KNOTS				AMOUNT O-8	FORM	mbs				mms	DIRECTION	VELOCITY IN KNOTS				AMOUNT O-8	FORM	M.S.L. mbs	Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C	Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st	
NILE DELTA AND N. EGYPT	62300	SALUM	360	9	7	02	0	0	—	6.8	29	84	26	270	8	7	02	0	0	—	5.9	26	94	25	0	320	5	7	02	0	0	—	6.7	25	34		20		84	22	0			SALUM
	62302	SIDI BARANI	320	12	35	02	2	8	Cs	7.4	27	77	23	290	4	35	02	2	8	Cs	7.1	24	79	20	0	320	9	35	02	2	8	Cu,Cs	6.8	25	28		24		84	22	0			SIDI BARANI
	62306	MATRUH	10	10	17	00	0	0	—	6.1	29	59	20	340	2	13	00	0	0	—	6.0	24	84	21	0	320	2	12	03	0	4	Sc	6.4	25	29		18		84	22	0	278		MATRUH
	62309	EL DABA	320	6	35	00	0	0	—		28	70	22	320	4	15	00	0	0	—	7.0	25	74	20	0	320	4	7	01	4	6	Sc	6.3	25			18		84	22	0			EL DABA
		ALEXANDRIA	330	15	50	00	0	0	—	5.1	27	62	19	360	9	7	00	0	0	—	6.0	25	74	20	0	360	5	50	00	0	0	—	6.2	-3.3	27	29	-1	23	0	66	20	0	267	186	ALEXANDRIA
	62318	FOUAD (Airport)	320	17	14	02	0	0	—	5.1	28	66	21	320	8	14	02	0	0	—	5.5	25	74	20	0	360	10	18	02	0	0	—	5.8		27	30		23		62	19	0	265	138	FOUAD (Airport)
	62330	DAMIETTA	340	5	15	00	0	0	—	4.3	29	70	23	290	6		02	0	0	—	5.1	25	94	24	0	220	2	7	03	0	1	ac	5.9	-2.6	26	31		18		74	21	0	319	106	DAMIETTA
	62336	PORT SAID	350	10	15	02	0	0	—	3.9	28	79	24	340	10	12	02	0	0	—	4.3	26	84	23	0	260	8	12	03	2	7	Sc	5.7		27	32		24		70	21	0	72		PORT SAID
	62336	EL 'ARISH	320	9	35	01	0	0	—	2.9	29	79	25	360	2	15	01	0	0	—	4.7	27	84	24	0	270	2	35	01	0	0	—	5.5	-2.4	27	32	+1	22	+1	79	23	0		94	EL 'ARISH
LOWER EGYPT	62335	DAMANHUR	310	13	15	02	0	0	—	5.8	31	52	20	310	9	15	02	0	0	—	5.8	25	64	22	0	310	9	7	02	0	0	—	6.2	-2.9	26	32	-1	20	0	74	21	0	102	101	DAMANHUR
	62342	MANSURA	270	9	35	00	0	0	—	4.2	35	47	22	360	5		00	0	0	—	5.1	26	74	21	0	270	5	35	00	0	0	—	6.0	-2.7	27	36	+1	20	-1	70	21	0	49	55	MANSURA
	62345	TANTA	00	0	35	02	0	0	—	5.0	25	47	22	00	0	35	02	0	0	—	5.0	27	70	21	0	00	0	35	02	0	0	—	6.8	-2.5	25	35	0	17	-3	84	22	0	34	44	TANTA
	62354	ZAGAZIG	320	5	15	00	0	0	—	4.3	35	53	24	320	5		00	0	0	—	4.8	29	66	22	0	220	5	7	00	0	0	—	6.4	-2.8	27	37	+2	21	+1	79	23	0	21	27	ZAGAZIG
	62441	ISMAILIA	270	2	35	02	0	0	—	3.9	35	53	24	20	2	15	02	0	0	—	5.1	28	70	22	0	90	2	7	02	0	0	—	5.9		27	38		22		70	21	0	14		ISMAILIA
CAIRO AREA	62351	FAROUK (Airport)																																									FAROUK (Airport)
	62372	ALMAZA	250	6	30	00	2	0	—	3.7	35	42	20																														ALMAZA
		EZBEKIYA	320	3	35	00	0	0	—	3.8	35	35	17	320	4	15	00	0	0	—	4.6	30	55	20	0	320	2	15	00	0	0	—	6.3	-2.6	26	36	0	22	0	70	20	0	8	26	EZBEKIYA
		GIZA	320	3	35	00	0	0	—	4.7	36	41	20	320	4	15	00	0	0	—	4.1	30	57	20	0	360	2	15	00	0	0	—	6.6	-2.2	26	36	+1	19	-1	72	20	0	16	27	GIZA
	62376	HELWAN	290	6	35	02	0	0	—	3.6	35	32	16	320	22	35	02	1	3	Cu	3.7	31	49	19	0	320	4	7	06	0	0	—	6.2	-2.8	25	37	+2	22	+1	70	19	0	16	29	HELWAN
UPPER EGYPT	62381	FAIYUM	290	2	35	02	0	0	—	4.0	37	47	21	360	5	35	02	0	0	—	3.8	30	69	21	0	360	2	35	02	0	0	—	6.0	-3.2	27	37	0	20	-1	62	19	0	8	8	FAIYUM
	62387	MINYA	320	4	12	00	0	0	—	4.1	36	25	13	00	0	10	00	0	0	—	3.5	29	49	17	0	360	6	10	00	0	0	—	5.7		26	37		21		70	20	0	5		MINYA
	62393	ASYUT (Mangabad)	360	6	30	00	0	0	—	3.7	36	24	12													270	3	18	00	0	0	—	5.5		30			20		33	12	0	dr.		ASYUT (Mangabad)
	62399	NAG' HAMMADI	00	0	7	00	0	0	—	2.8	38	27	16	00	0		00	0	0	—	3.0	28	58	19	0	00	0	3	00	0	0	—	5.4	-1.5	29	39		20		40	14	0	0		NAG' HAMMADI
	62402	QENA	240	5	50	00	0	0	—	2.6	40	23	15	270	2	7	00	0	0	—	3.2	30	35	13	0	270	2	35	00	0	0	—	5.4	-1.4		41	+1	22	-2	40	14	0	dr.		QENA
	62405	LUXOR												310	4	12	00	0	0	—	2.3	34	13	2	0	250	6	30	00	0	0	—	6.0		31	40		23		28	10	0	dr.		LUXOR
	62414	ASWAN	250	5	50	00	0	0	—	3.0	39	21	13	240	3	50	00	0	0	—	3.8	34	23	10	0	00	0	50	00	0	0	—	5.9	-1.1	30	40	-1	25	-1	38	14	0	2		ASWAN
OASES	62417	SIWA	00	0	35	00	0	0	—	7.1	37	22	12	00	0	35	00	0	0	—	6.9	29	29	9	0	320	6	35	00	0	0	—	8.3	-3.3	25	38	0	18	-3	61	17	0	1	8	SIWA
	62420	BAHARIYA												360	3	15	02	1	3	ac	5.1	32	28	11	0	360	2	35	02	0	0	—	6.4	-3.6	26	37	0	22	+2	45	15	0	dr.	7	BAHARIYA
	62423	FARAFRA	270	3	35	02	0	0	—	4.8	37	18	9	320	1	15	02	0	0	—	5.0	29	23	6	0	220	1	35	02	0	0	—	5.9		31	38		21		28	10	0	dr.		FARAFRA
	62432	DAKHLA	00	0	50	00	0	0	—	4.9	37	18	9	320	1	35	00	0	0	—	4.1	34	22	9	0	00	0	35	00	0	0	—	5.3	-2.2	30	39	0	23	0	35	13	0	dr.		DAKHLA
	62435	KHARGA	00	0	35	00	0	0	—	4.0	38	19	11	00	0	15	00	0	0	—	3.8	34	23	10	0	00	0	35	00	0	0	—	5.9	-2.0	30	39	-1	20	-3	31	11	0	0		KHARGA
RED SEA	62450	SUEZ	00	0	35	02	0	0	—	3.2	35	37	18	360	17	7	02	0	0	—	4.0	30	70	24	0	00	0	35	00	0	0	—	6.3	-1.7	27	38	+2	23	0	70	21	0	12	17	SUEZ
	62456	TOR	310	3	35	00	0	0	—	2.8	33	56	23	00	0	15	00	0	0	—	2.8	29	52	18	0	00	0	35	00	0	0	—	4.2	-1.7	28	39	+5	22	-3	45	15	0	dr.	13	TOR
	62462	HURGHADA	30	6		00	0	0	—	2.1	30	74	25	150	8		00	0	0	—	3.8	30	46	17	0	330	10		00	0	0	—	4.3		28	33		24		79	24	0	7		HURGHADA
	62465	QUSEIR	90	2	15	02	0	0	—	3.5	31	70	25	140	2	15	02	0	0	—	3.9	29	46	16	0	360	9	15	02	0	0	—	4.8	-1.3	30	35	+1	25	-2	66	23	0	0	4	QUSEIR
	62641	PORT SUDAN	50	15	30	01	0	1	Cu	1.9	37	48	24													360	1	2	05	0	0	—	4.6		35	39		26		39	19	0	40	101	PORT SUDAN
NORTH SUDAN	62600	WADI HALFA	270	10	30	02	2	8	Cs	3.0	41	19	13													160	1	30	00	0	0	—	6.5		30	42		24		27	9	0	27		WADI HALFA
	62640	ABU HAMAD	270	1	30	01	1	1	Cs	2.2	40	32	20													270	2	30	01	1	4	ac	6.2		31	42		29		62	23	0			ABU HAMAD
	62660	KAREIMA	140	1	30	00	0	1	—	2.6	41	13	7													200	7	30	01	1	2	Ac	7.7		31	42		29		43	17	0	6	10	KAREIMA
	62680	ATBARA	250	5	30	03	1	4	Cu	2.3	40	20	20													250	9	30	01	6	1	ac	8.4		28	41		23		62	20	8	16	26	'ATBARA
	62721	KHARTUM	240	10	30	16	1	5	Cb	3.6	37	27	27													240	18	30	02	2	7	ac	10.6		26	39		24		70	20	3	19	68	KHARTUM
	62730	KASSALA	180	2	30	03	1	3	Cu	5.3	35	44	21																													127	143	KASSALA
CENTRAL SUDAN	62751	WAD MEDANI																								310	9	50	00	0	0	—	9.1		27	37		22		42	13	1	137	187	WAD MEDANI
	62801	RENK																																								290	RENK
	62802	ROSEIRES																																							306	427	ROSEIRES
	62771	EL OBEID	200	13	30	02	1	4	Cu,Ac	5.1	34	34	16													240	11	30	03	1	7	Cu	11.4		27	35		25		66	20	0	160	168	EL OBEID
	62760	EL FASHER	130	10	30	01	1	5	Cu		32	41	17																													80	137	EL FASHER
	62770	GENEINA																								180	4	30	02	1	8	Sc			25	40		20		65	18	1		248	GENEINA
S. SUDAN	62840	MALAKAL	230	5	30	01	2	4	Cu,Ac	8.5	30	59	21													230	4	30	01	8	4	ac	12.0		25	31		21		84	22	dr.	713	502	MALAKAL
	62880	WAU	00	0	30	25	8	4	Cu	8.6	28	70	22													140	9	30	01	1	5	ac	11.5		24	31		22		79	20	dr	648	723	WAU
	62941	JUBA																																						4	547	726	JUBA

HUMIDITY %
Mean of day

STATION	30th	Diff. from normal
Alexandria	76	+1
Ezbekiya	64	+4
Giza	64	+3
Helwan	61	+11

GIZA
GRASS MINIMUM TEMP.
ON 31st 12.5 °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 30th

STATION	Matruh				Kaid H.F.				Port Said				Minya											
TIME	15				15				15				16											
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	330	11			330	38			330	20			30	3										
600	320	5			330	22			350	13			60	3										
1000	340	11			320	17			290	21			180	3										
1500	280	15			300	13			300	8														
2000	320	9			300	19			300	20														
3000	350	5							290	12														
4000	10	14																						
5000	10	11																						
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 31st

STATION	SIDI BARANI		MATRUH		ROUAD AIRPORT		PORT SAID		EL 'ARISH		HELWAN		MINYA		ASYUT MANGABAD		LUXOR		ASWAN		KURGHADA		
TIME	9		3 30		3								3		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.
300	320	5	300	7	310	16							30	11	230	2			160	5	80	12	
600	330	3	280	4	320	12							80	9	230	5			130	7	360	8	
1000	330	2	360	1	310	16							40	9	250	6			230	6	80	4	
1500	230	5	280	4	250	12							30	10	270	10			250	12	270	13	
2000	250	3	30	3	300	7							180	3	260	10			250	12	260	12	
3000	20	7	130	5	10	4									230	21							
4000	360	6			360	9									210	9							
5000	30	3			20	10									150	4							
6000															120	6							
7000																							
8000																							

STATION	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME	9		9		9		1		4								3						4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	330	6	60	8	300	3	350	3	320	5														
600	350	4	50	7	220	2	20	3	360	2							200	7					230	14
1000	250	3	70	10	120	1	20	3	310	4							230	7					250	16
1500	20	3			190	9											220	13					250	19
2000	190	5			120	13			290	3														
3000					240	18											30	4						
4000																								
5000																	100	7						
6000																	100	12						
7000																								
8000																								

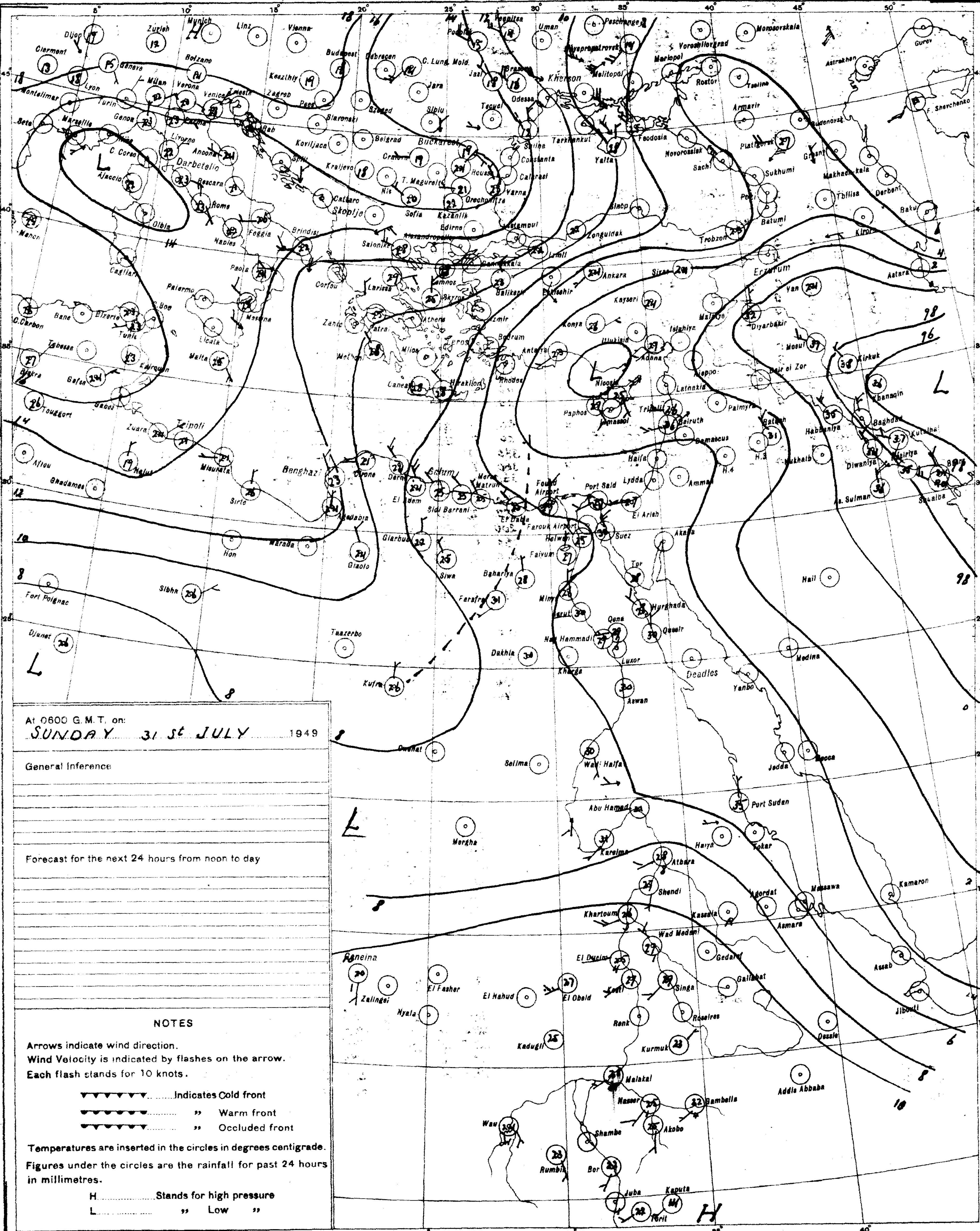
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times 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 : 7 1949



At 0600 G.M.T. on:
SUNDAY 31st JULY 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	Thunderstorm during the past hour	91
Hail	Thunderstorm during the past hour	93
	Thunderstorm with rain	95
	,, ,, hail	96
	,, ,, Sandstorm	98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 ,, ,, ,,	2
3/8 ,, ,, ,,	3
4/8 ,, ,, ,,	4
5/8 ,, ,, ,,	5
6/8 ,, ,, ,,	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 13 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: Monday 1st August, 1949

At 1200 on Sun. 31st July, and At 1800 on Sun. 31st July

Area	Index Number	Station	1200 Wind Direction	1200 Wind Velocity in knots	1200 Visibility in kilometres	1200 Present weather	1200 Past weather	1200 Cloud Amount 0-8	1200 Cloud Form	1200 Bar pressure M.S.L. mbs	1200 Temperature °C	1200 Humidity %	1200 Dew point °C	1800 Wind Direction	1800 Wind Velocity in knots	1800 Visibility in kilometres	1800 Present weather	1800 Past weather	1800 Cloud Amount 0-8	1800 Cloud Form	1800 Bar pressure M.S.L. mbs	1800 Temperature °C	1800 Humidity %	1800 Dew point °C	1800 Rain past 12 hrs mms
Mediterranean	62300	SALŪM	360	10	7	02	0	0	—	5.0	28	94	27	270	8	7	02	0	0	—	5.9	26			0
	62303	SĪDI BARĀNI	320	11	35	02	2	8	Cs	6.7	27	79	23	20	1	35	02	2	8	Cs	6.7	24	94	23	0
	62306	MATRŪH	270	6	18	00	0	0	—					50	1	13	00	0	0	—	6.1	24	79	20	0
	62309	EL DAB'A	240	5	35	00	0	0	—		28	62	20	320	3	15	00	0	0	—	6.8	27	62	19	0
		ALEXANDRIA	360	4	50	00	0	0	—	5.5	28	62	20	40	4	7	00	0	0	—	6.4	25	74	20	0
	62318	FOUAD (Airport)	320	12	14	02	0	0	—	5.3	29	62	21	20	7	11	02	0	0	—	6.0	24	79	20	0
	62330	DAMIETTA	340	5	15	00	0	0	—	5.4	29	70	23	340	5		02	0	0	—	6.0	25	84	22	0
	62333	PORT SA'ĪD	10	6	18	02	2	0	—	4.8	30	66	23	330	16	15	02	0	0	—	5.5	26	74	21	0
	62336	EL 'ARĪSH	320	2	35	01	0	0	—	5.0	29	70	23	320	2	15	01	0	0	—	4.7	27	84	24	0
Lower Egypt	62339	DAMANHŪR	310	9	15	02	0	0	—	5.5	31	59	22	310	5	15	02	0	0	—	6.3	26	74	21	0
	62342	MANSŪRA	320	5	35	00	0	0	—	6.1	33	23	19	360	5		00	0	0	—	5.9	26	70	20	0
	62348	TANTA	00	0	35	02	0	0	—	5.6	35	37	18	270	5	35	02	0	0	—	5.8	25	70	19	0
	62354	ZAGAZIG	320	5	15	00	0	0	—	5.5	35	47	22	40	5		00	0	0	—	6.2	28	70	22	0
	62441	ISMĀĪLIA	290	2	35	02	0	0	—	4.4	37	18	9	340	2	15	02	0	0	—	6.6	30	59	21	0
Cairo Area	62366	FAROUK (Airport)																							
	62372	ALMĀZA																							
		EZBEKIYA	340	4	35	00	0	0	—	4.4	35	32	16	360	4	15	00	0	0	—	5.4?	29	52	18	0
		GĪZA	340	4	35	00	0	0	—	5.3	35	28	14	360	4	15	00	0	0	—	6.3?	29	52	18	0
	62378	HELWĀN	290	8	35	02	0	0	—	4.2	35	23	11	340	12	35	02	0	0	—	4.7	30	40	15	0
Upper Egypt	62381	FAIYŪM	00	0	35	02	0	0	—	4.3	36	20	10	00	0	35	02	0	0	—	4.2	32	49	16	0
	62387	MINYA	340	9	12	02	0	3	Sc	4.0	38	19	11	00	0	10	03	0	3	Sc	4.5	30	46	17	0
	62393	ASYŪT	320	6	30	00	0	0	—	3.6	37	19	10												
	62399	NAG' HAMMĀDI	00	0	7	00	0	0	—	3.6	39	24	15	00	0		00	0	0	—	3.2	29	52	18	0
	62402	QENA	240	5	50	00	0	0	—	4.0	40	19	12	270	2	7	00	0	0	—	4.4	29	52	18	0
	62405	LUXOR												280	5	12	00	0	0	—	3.2	34	15	4	0
	62414	ASWĀN	270	3	50	00	0	0	—	3.1	40	19	12	00	0	50	00	0	0	—	3.2	36	24	12	0
Oases	62417	SĪWA	00	0	35	00	0	0	—	7.4	35	32	16	00	0	7	00	0	0	—	6.3	31	43	17	0
	62420	BAHARĪYA	270	2	35	02	0	0	—	4.3	39	17	10	00	0	15	02	0	0	—	4.8	33	24	10	0
	62423	FARAFRA	270	1	35	02	0	0	—	4.6	38	16	8	360	2	15	02	0	0	—	4.0	31	17	3	0
	62432	DAKHLA	140	1	50	00	0	0	—	2.6	39	21	13	320	3	35	00	0	0	—		34	18	6	0
	62435	KHARGA	00	0	35	00	0	0	—	4.3	40	23	15	00	0	15	00	0	0	—	4.7	34	22	9	0
Red Sea	62450	SUEZ	360	4	35	02	0	0	—	4.2	36	17	7	360	4	7	02	0	0	—	5.0	32	49	20	0
	62459	TŌR	20	3	35	00	0	0	—	4.0	31	66	24	270	2	15	00	0	0	—	4.3	28	84	25	0
	62462	HURGHĀDA	80	10		01	0	1	Cu	3.1	30	84	27	140	5		00	0	0	—	3.1	30	59	21	0
	62465	QUSEIR	90	5	15	02	0	0	—	4.7	31	22	27	40	5	15	02	0	0	—	4.4	29	84	26	0
	62641	PORT SŪDĀN																							
North Sūdān	62600	WĀDI HALFA																							
	62640	ABU HAMAD																							
	62660	KAREIMA																							
	62680	ATBARA																							
	62721	KHARTUM																							
	62730	KASSALA																							
Central Sūdān	62751	WĀD MEDANI																							
	62801	RENK																							
	62802	ROSEIRES																							
	62771	EL OBEID	260	9	30	01	2	6	St, Ac	6.0	32	41	17												
	62760	EL FĀSHER																							
	62770	GENEINA	270	4	30	02	2	7	Fs, Fc		27	58	18												
S. Sūdān	62840	MALAKĀL	230	9	30	18	2	8	Cb, Ac	9.9	30	59	21												
	62880	WAU	230	1	30	02	1	6	Cu, Ac	8.7	31	55	21												
	62941	JUBA	180	5	30	03	2	7	Cb, Ac	9.8	29	66	22												

At 0600 on Monday 1st August,

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar pressure M.S.L. mbs.	Diff. from normal mbs	Dry Bulb °C	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew point °C	Rainfall Past 24 hrs mms	Total from Oct. 1st	Normal from Oct. 1st
SALUM	300	23	7	02	0	0	—	7.1		27	32		22		66	19	0		
SĪDI BARĀNI	320	1	50	02	2	8		6.8		26	27		17		74	21	0		
MATRŪH	340	1	18	03	0	1	Cu	7.6		26	29		18		70	20	0	278	
EL DAB'A	00	0	15	00	0	0	—	8.2		28			17		62	20	0		
ALEXANDRIA	360	5	50	00	0	0	—	7.6	-1.9	26	29	-1	24	+1	70	20	0	267	186
FOUAD (Airport)	360	7	18	00	2	0	—	7.4		27	30		20		66	20	0	265	138
DAMIETTA	290	3	7	00	0	0	—	7.5	-1.0	27	32		18		79	23	0	319	106
PORT SA'ĪD	260	5	18	02	0	4	Sc	7.3		26	33		24		79	22	0	72	
EL 'ARĪSH	00	0	35	01	0	0	—	7.0	-1.6	29	30	-1	20	-1	66	22	0		94
DAMANHŪR	40	5	7	02	0	0	—	7.5	-1.6	26	32	-1	20	0	64	23	0	102	101
MANSŪRA	320	5	35	00	0	0	—	7.5	-1.2	26	35	0	20	-1	74	21	0	49	55
TANTA	270	2	35	02	0	0	—	8.0	-1.4	25	35	0	16	-4	74	20	0	34	44
ZAGAZIG	220	5	7	00	0	0	—	7.5	-1.7	28	37	+2	20	0	70	22	0	21	27
ISMĀĪLIA	320	2	7	02	0	0	—	6.8		28	37		23		62	20	0	14	
FAROUK (Airport)																			
ALMĀZA																			
EZBEKIYA	360	1	15	00	0	0	—	7.5	-1.4	27	37	+1	22	0	62	19	0	8	26
GĪZA	360	1	15	00	0	0	—	7.6	-1.2	27	37	+2	18	-2	64	19	0	16	27
HELWĀN	00	0	7	00	0	0	—	7.1	-1.9	26	36	+1	23	+2	55	16	0	16	29
FAIYŪM	330	5	35	02	0	0	—	7.2	-2.0	29	38	+1	22	+1	46	16	0	8	8
MINYA	00	0	10	00	0	0	—	6.2		28	38		20		58	19	0	5	
ASYŪT	00	0	30	00	0	0	—	6.3		31			24		38	15	0	dr.	
NAG' HAMMĀDI	00	0	3	00	0	0	—	6.3	-0.6	31	40		20		43	17	0	0	
QENA	270	2	35	00	0	0	—	6.2	-0.6	29	41	+1	22	-2	40	14	0	dr.	
LUXOR											41							dr.	
ASWĀN	00	0	50	01	1	4	Ac	6.0	-1.0	32	41	0	26	0	43	18	0	2	
SĪWA	00	0	35	00	0	0	—	8.0		27	37	-1	20	-1	52	16	0	1	6
BAHARĪYA	360	1	35	02	0	0	—	6.6	-3.4	30	40	+3	23	+3	31	11	0	dr.	7
FARAFRA	270	1	35	02	0	0	—	6.2		28	40		22		27	7	0	dr.	
DAKHLA	00	0	35	00	0	0	—	6.7	-1.7	29	40	+1	22	-1	29	9	0	dr.	
KHARGA	00	0	35	00	0	0	—	5.8	-2.1	31	40	0	24	+1	38	15	0	0	
SUEZ	00	0	35	00	0	0	—	7.6	-0.6	28	39	+3	23	0	62	20	0	12	17
TŌR	310	3	35	00	0	0	—	5.3	-0.6	27	32	-2	24	-1	84	24	0	dr.	13
HURGHĀDA	340	7		00	0	0	—	5.3		28	33		25		79	24	0	7	
QUSEIR	360	9	15	02	0	0	—	5.5	-0.6		32	-2	26	-1			0	0	4
PORT SŪDĀN	250	11	7	07	0	0	—	4.4		38	42		28		38	21	0	40	102
WĀDI HALFA	00	0	30	01	2	6	Cs	5.2		34	43		30		14	3	0	27	
ABU HAMAD	250	9	30	00	0	0	—	6.1		33	41		31		44	19	0		
KAREIMA	200	9	10	00	0	0	—	7.3		32	40		29		49	20	0	6	11
ATBARA	230	9	30	03	1	3	Ac	7.6		30	39		27		52	19	0	16	27
KHARTUM	210	15	30	60	2	7	Ac	9.5		27	37		25		70	21	dr.	19	69
KASSALA	180	9	30	02	1	8	Ac, Cs	11.1		27	34		23		70	21	2	129	145
WĀD MEDANI	180	5	50	02	9	7	Ac	10.6		23	35		22		94	22	11	148	191
RENK																			294
ROSEIRES	180	2		51	2	8		11.6		24	29		22		94	23	dr.	308	433
EL OBEID	190	9	30	02	2	1	Ac	10.5		25	33		21		84	22	0	160	172
EL FĀSHER	00	0	30	01	1	5	Cu, Ci			25	33		23		79	21	0	80	141
GENEINA	250	2	30	02	5	7	Cu, Ac			23	29		22		84	20	2		255
MALAKĀL	130	5	30	03	2	7	Sc	12.5		23	31		20		89	21	15	728	507
WAU	00	0	30	02	1	7	Ac	12.7		23	31		22		74	18	1	649	739
JUBA	00	0	30	03	2	6	Ac	13.5		23	30		20		89	21	0	547	730

HUMIDITY % Mean of day

Station	on 31st	Diff. from normal
Alexandria	71	-4
Ezbekiya	55	-5
Giza	57	-4
Helwan	51	+1

GĪZA
GRASS MINIMUM TEMP.
ON 1st Aug. 12.5c.

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

UPPER WIND OBSERVATIONS on 31st July,

Station	Matruh		Foad A.P.		Port Said		Minya		Hurghada	
Time	15 15		15		15		15		15	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	330	16	350	23	300	17	350	8	140	14
600	330	22	320	18	280	16	340	6	100	9
1000	300	16	310	17	280	23	340	3	80	6
1500	320	21	300	13	280	25	290	8	240	27
2000	290	10	280	12	280	28	280	8	270	16
3000	120	4	270	12	290	40			260	23
4000									260	23
5000										
6000										
7000										
8000										

UPPER WIND OBSERVATIONS on 1st August,

Station	Sīdi Barāni		Matrūh		Fouad Airport		Port Sa'īd		El 'Arīsh		Helwān		Minya		Asyūt Manqabād		Luxor		Aswān		Hurghāda	
Time	9		4		3		4				9 30		3		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.
300	220	2	270	2	350	8	270	3			300	15	80	14	80	7			340	4	80	13
600	120	4	60	6	360	11	270	6			310	10	80	8	70	5			100	5	80	8
1000			330	3	10	16	270	9			320	11	10	8					20	3	140	5
1500			270	7	20	9							250	13					340	12	310	10
2000	240	6	220	2	280	10							250	6					260	9	210	13
3000	230	4	10	12	270	4							260	11								
4000			20	16																		
5000			350	16																		
6000			10	10																		
7000			280	5																		
8000			290	7																		

Station	Sīwa		Baharīya		Dakhla		Kharga		Wādi Halfa		Abū Hamad		Kareima		Khartūm		Kassala		El Obeid		El Fāsher		Malakāl	
Time	9		9		9		7		4								4				5		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	250	3	60	20	360	6	40	3	70	4														
600	230	3	40	40	330	3	50	4	80	4							190	19					170	9
1000	220	3	20	25	280	3	50	9	70	5							200	23			00	0	220	8
1500	330	3	110	7	260	6	30	5	80	5							210	15			300	4	290	10
2000	340	5	90	3					210	5							350	7			320	5		
3000	80	14							250	17							330	8			350	10		
4000	30	4							300	17														
5000	60	7							330	17														
6000	40	10																						
7000																								
8000																								

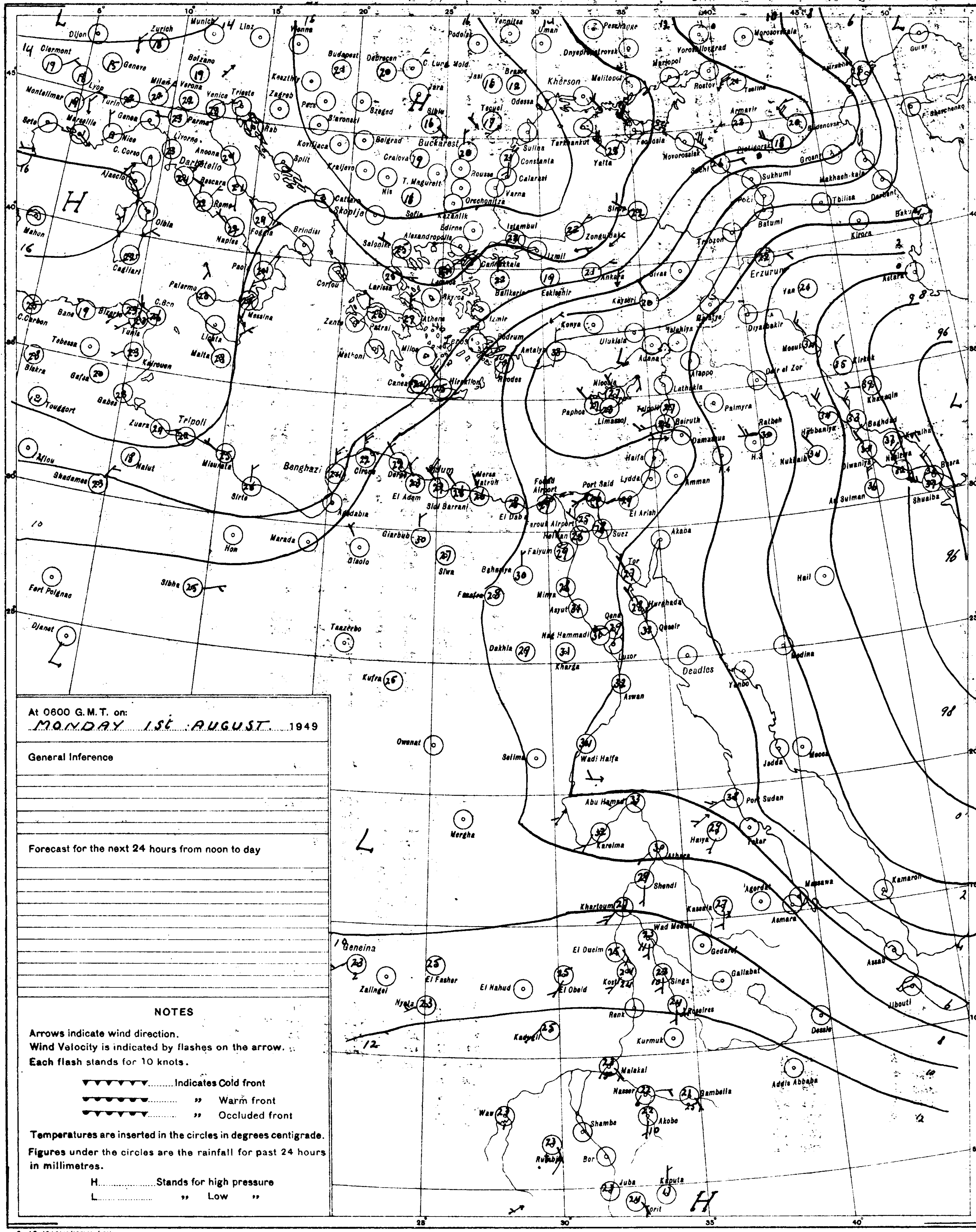
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 1st 8 1949



At 0600 G.M.T. on: MONDAY 1st AUGUST 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	Thunderstorm during the past hour	91
Hail		93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	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

[illegible] 03 19 G.M.T.
[illegible] 16 48 G.M.T.

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

Form Nº 7 F.

DAILY WEATHER REPORT

Date: Tuesday 2nd August, 1949

At 1200 on 1st Aug. / At 1800 on 1st Aug.

No.	Station	1200 Wind Dir.	1200 Wind Vel. (knots)	1200 Visibility km	1200 Present Weather	1200 Past Weather	1200 Cloud Amount	1200 Cloud Form	1200 Bar. Pressure M.S.L.	1200 Temperature °C	1200 Humidity %	1200 Dew Point °C	1800 Wind Dir.	1800 Wind Vel. (knots)	1800 Visibility km	1800 Present Weather	1800 Past Weather	1800 Cloud Amount	1800 Cloud Form	1800 Bar. Pressure M.S.L.	1800 Temperature °C	1800 Humidity %	1800 Dew Point °C	1800 Rain Past
	SALUM	360	9	7	02	0	0	—	7.8	28	94	27	270	5	7	02	0	0	—		27	84	24	0
	SIDI BARANI	340	8	50	02	2	8	Cs	8.6	27	79	23	40	1	35	02	2	6	Cs	8.7	24	89	22	0
	MATRUH												40	4	12	00	0	0	—	8.3	25	74	20	0
	EL DABA	360	3	35	00	0	0	—		29	52	18	360	2	15	00	0	0	—		25	70	19	0
	ALEXANDRIA	270	6	50	00	0	0	—	7.6	28	62	20	310	11	7	00	0	0	—	7.5	26	70	20	0
	FOUAD (Airport)	340	10	18	02	0	0	—	7.5	29	59	20	280	10	14	02	0	0	—	7.9	25	89	23	0
	DAMIETTA	320	5	15	02	0	0	—	7.3	30	59	21	340	5		02	0	0	—	7.9	26	74	21	0
	PORT SAID	360	4	30	02	0	0	—	7.1	29	66	22	330	10	15	02	0	0	—	6.9	26	79	22	0
	EL ARISH	320	9	35	01	0	0	—	7.2	29	70	23	360	5	15	01	0	0	—	7.9	27	79	23	0
	DAMANHUR	310	5	15	02	0	0	—	7.4	32	56	22	310	5	16	02	0	0	—	7.9	24	84	21	0
	MANSURA	320	9	35	00	0	0	—	6.8	35	37	18	360	5		00	0	0	—	7.8	26	70	20	0
	TANTA	310	2	35	02	0	0	—	7.2	34	41	19	00	0	35	02	0	0	—	8.4?	25	70	19	0
	ZAGAZIG	280	5	15	00	0	0	—	7.0	35	37	18	40	5		00	0	0	—	7.4	28	68	19	0
	ISMAILIA	290	5	35	01	1	1	Cu	6.0	36	25	13												
	FAROUK (Airport)																							
	ALMAZA																							
	EZBEKIYA	340	4	35	00	0	0	—	6.4	34	32	15	360	5	15	00	0	0	—	7.4	29	52	18	0
	GIZA	340	4	35	00	0	0	—	7.0	35	32	16	360	5	15	00	0	0	—	7.9	30	47	18	0
	HELWAN	290	5	15	02	0	0	—	5.9	35	23	11	360	15	7	02	0	0	—	6.3	32	34	14	0
	FAIYUM	360	5	35	02	0	0	—	6.0	37	22	12	60	0	35	02	0	0	—	5.3	37	25	14	0
	MINYA	00	0	15	00	0	0	—	5.4	39	17	10	40	1	12	00	0	0	—	5.0	29	43	15	0
	ASYUT	320	5	30	00	0	0	—	4.3	38	10	1												
	NAG HAMMADI	00	0	7	00	0	0	—	4.7	39	24	15	00	0		00	0	0	—	3.9	29	40	16	0
	QENA	270	5	50	00	0	0	—	4.8	40	6	-4												
62405	LUXOR												10	3	12	00	0	0	—	3.7	35	15	5	0
62414	ASWAN	270	2	50	01	1	4	As	3.0	43	14	10	290	8	50	00	0	0	—	3.8	38	18	10	0
62417	SIWA	00	0	35	00	0	0	—	5.6	39	53	28	00	0	35	00	0	0	—	7.0	32	88	16	0
62420	BAHARIYA	90	2	35	02	0	0	—	4.7	39	14	7	60	0	15	02	0	0	—	5.3	33	21	8	0
62423	FARAFRA																							
62432	DAKHLA	00	0	50	00	0	0	—		40	12	6	320	2	35	00	0	0	—		33	12	0	0
62435	KHARGA	00	0	35	00	0	0	—	5.1	41	20	14	00	0	15	00	0	0	—	5.4	35	22	10	0
62450	SUEZ	00	0	35	02	0	0	—	6.1	36	26	13	00	0	15	02	0	0	—	5.5	31	49	19	0
62459	TOR	310	4	35	00	0	0	—	4.8	36	37	19	270	2	15	00	0	0	—	5.8	30	59	21	0
62462	HURGHADA	40	4		00	0	0	—	3.7	33	59	24	180	6		00	0	0	—	3.9	33	24	10	0
62465	QUSEIR	20	5	15	02	0	0	—	5.6	30	79	26												
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 Tuesday 2nd August,

Wind Dir.	Wind Vel. (knots)	Visibility km	Present Weather	Past Weather	Cloud Amount	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb °C	Max. Yesterday	Max. Diff. from normal	Min. Today	Min. Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs.	Rainfall Total from Oct. 1st	Rainfall Normal from Oct. 1st	Station
320	2	7	02	0	0	—	8.6		24	33		19		84	21	0			SALUM
290	6	35	02	2	8	ScCu	9.3		26	28		20		74	21	0			SIDI BARANI
330	3	14	00	0	0	—	8.6		26	31		19		74	21	0	278		MATRUH
360	4	35	00	0	0	—	8.2		27			21		70	21	0			EL DABA
310	10	50	00	0	0	—	7.4	-2.0	25	29	-1	23	0	74	20	0	267	186	ALEXANDRIA
330	11	14	02	0	0	—	7.0		26	31		23		70	20	0	265	138	FOUAD (Airport)
250	2		01	0	0	—	6.8	-1.7	26	31		18		84	23	0	319	106	DAMIETTA
280	9	10	02	1	6	Sc	6.5		26	30		23		79	22	0	72		PORT SAID
240	5	15	01	0	0	—	7.0	-1.7	27	30	-1	20	-1	55	17	0		94	EL ARISH
310	13	7	02	0	0	—	8.0	-1.1	26	33	0	20	0	74	21	0	102	101	DAMANHUR
270	6	35	00	0	0	—	6.6	-2.1	26	36	+1	20	-1	74	21	0	49	55	MANSURA
270	2	35	02	0	0	—	6.9	-2.5	26	35	0	17	-3	74	21	0	34	44	TANTA
220	5	7	00	0	0	—	7.8	-1.5	26	36	+1	20	0	84	23	0	21	27	ZAGAZIG
270	2	7	02	0	0	—	7.0		27			23		70	21	0	14		ISMAILIA
																			FAROUK (Airport)
																			ALMAZA
270	2	15	00	0	0	—	7.9	-1.1	25	36	0	22	0	84	22	0	8	26	EZBEKIYA
270	2	15	00	0	0	—	8.2	-0.7	26	36	+1	18	-2	76	21	0	16	27	GIZA
320	5	7	00	0	0	—	7.4	-1.6	25	36	+1	21	0	74	20	0	16	29	HELWAN
360	8	35	02	0	0	—	7.6	-1.7	27	40	+3	22	+1	70	21	0	8	8	FAIYUM
360	1	10	00	0	0	—	6.7		28	39		20		58	19	0	5		MINYA
00	0	30	00	0	0	—	4.6		30			23		35	13	0	dr.		ASYUT MANQABAD
00	0	3	00	0	0	—	6.2	-0.7	30	40		21		40	15	0	0		NAG HAMMADI
70	2	35	00	0	0	—	6.9	-0.9	31			22	-2	31	12	0	dr.		QENA
										43							dr.		LUXOR
20	4	50	00	0	0	—	5.1	-1.9	33	44	+3	28	+2	26	11	0	2		ASWAN
00	0	35	00	0	0	—	10.3	-1.4	29	40	+2	21	0	52	18	0	1	8	SIWA
360	2	35	02	0	0	—	7.2	-2.8	29	40	+3	24	+4	31	10	0	dr.	7	BAHARIYA
																	dr.		FARAFRA
320	3	35	00	0	0	—	6.9	-1.6	27	41	+2	22	-1	20	2	0	dr.		DAKHLA
00	0	35	00	0	0	—	6.0	-2.0	30	42	+2	24	+1	25	8	0	0		KHARGA
00	0	35	00	0	0	—	7.6	-0.6	28	39	+3	22	-1	52	17	0	12	17	SUEZ
310	3	35	00	0	0	—	5.1	-0.8	27	40	+6	23	-2	79	23	0	dr.	13	TOR
320	8		00	0	0	—	5.6		29	36		25		55	19	0	7		HURGHADA
360	9	15	02	0	0	—	6.0	-0.1	32			26	-1	49	20	0	0	4	QUSEIR
																0	40	102	PORT SUDAN
30	3	30	01	1	4	Ac	4.8		34	43		30		16	5	0	27		WADI HALFA
270	2	30	03	1	5	Cs	4.4		36	41		32		40	20	0			ABU HAMAD
200	10	30	00	0	0	—	5.9		33	41		30		41	18	0	6	11	KAREIMA
200	9	30	02	0	2	Ac	6.0		31	41		27		52	20	0	16	27	ATBARA
200	20	30	03	0	2	Cs	7.7		29	37		26		52	18	dr.	19	70	KHARTUM
180	9	30	03	1	4	Ac	10.5		26	35		23		55	20	0	129	149	KASSALA
180	9	50	00	1	2	Ac	6.4		26	36		22		79	22	0	148	196	WAD MEDANI
																		298	RENK
230	2	35	01	1	2	As	10.6		26	38		23		79	22	3	311	439	ROSEIRES
190	10	30	03	0	4	Ac	9.3		27	34		24		70	21	0	160	175	EL OBEID
00	0	30	01	1	5	Cu/Ac			25	35		24		70	19	0	80	145	EL FASHER
250	4	30	02	2	8	Sc.			23	29		22		84	20	dr.		262	GENEINA
210	3	30	03	2	7	Ac	12.2		24	30		21		94	23	1	729	513	MALAKAL
170	10	30	02	1	7	Ac	12.8		23	31		21		95	23	32	681	736	WAU
180	5	30	03	2	7	Ac	12.5		23	31		20		89	21	0	547	734	JUBA

HUMIDITY % Mean of day

Station	on 1st	Diff. from normal
Alexandria	75	0
Ezbekiya	53	-7
Giza	51	-10
Helwan	39	-11

GIZA

Grass Minimum Temp. on 2nd 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 — Airport — On ... At ... (two blank forms)

Pressure 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 Aug.

Height m.	Matruh (15) Dir.	Matruh Vel.	Fouad A.P. (15) Dir.	Fouad A.P. Vel.	Port Said (15) Dir.	Port Said Vel.	Minya (15) Dir.	Minya Vel.	Hurghada (15) Dir.	Hurghada Vel.
300	30	11	330	28	330	20	10	14	40	3
600	340	9	330	21	290	19	20	11	360	12
1000	310	8	320	20	260	8	20	10	360	13
1500	290	10	350	5	250	15	330	10	340	13
2000	30	2	330	4	360	15	270	12	300	12
3000	360	5	140	7	30	12	250	15	250	29
4000			130		100	26				
5000			320	7						
6000			350	7						
7000										
8000										

UPPER WIND OBSERVATIONS on 2nd Aug.

Height m.	Sidi Barani (9) Dir.	Vel.	Matruh (9) Dir.	Vel.	Fouad Airport (3) Dir.	Vel.	Port Said (3) Dir.	Vel.	El Arish Dir.	Vel.	Helwan (9 15) Dir.	Vel.	Minya (3 30) Dir.	Vel.	Asyut Manqabad (9) Dir.	Vel.	Luxor Dir.	Vel.	Aswan (5) Dir.	Vel.	Hurghada (9) Dir.	Vel.
300	310	14	330	6	320	13	260	12			310	9	10	10	80	6					350	20
600	320	10	300	7	290	8	240	11			290	6	50	20	50	8			90	12	340	15
1000	300	9			300	7	240	9			280	6	30	16	60	9			80	14	320	17
1500			350	8	320	5	200	7					20	7	20	2			40	8	310	18
2000			350	11	120	4	170	9					280	10	260	6			290	7	290	20
3000			10	12									250	21					270	17	250	35
4000																						
5000																						
6000																						
7000																						
8000																						

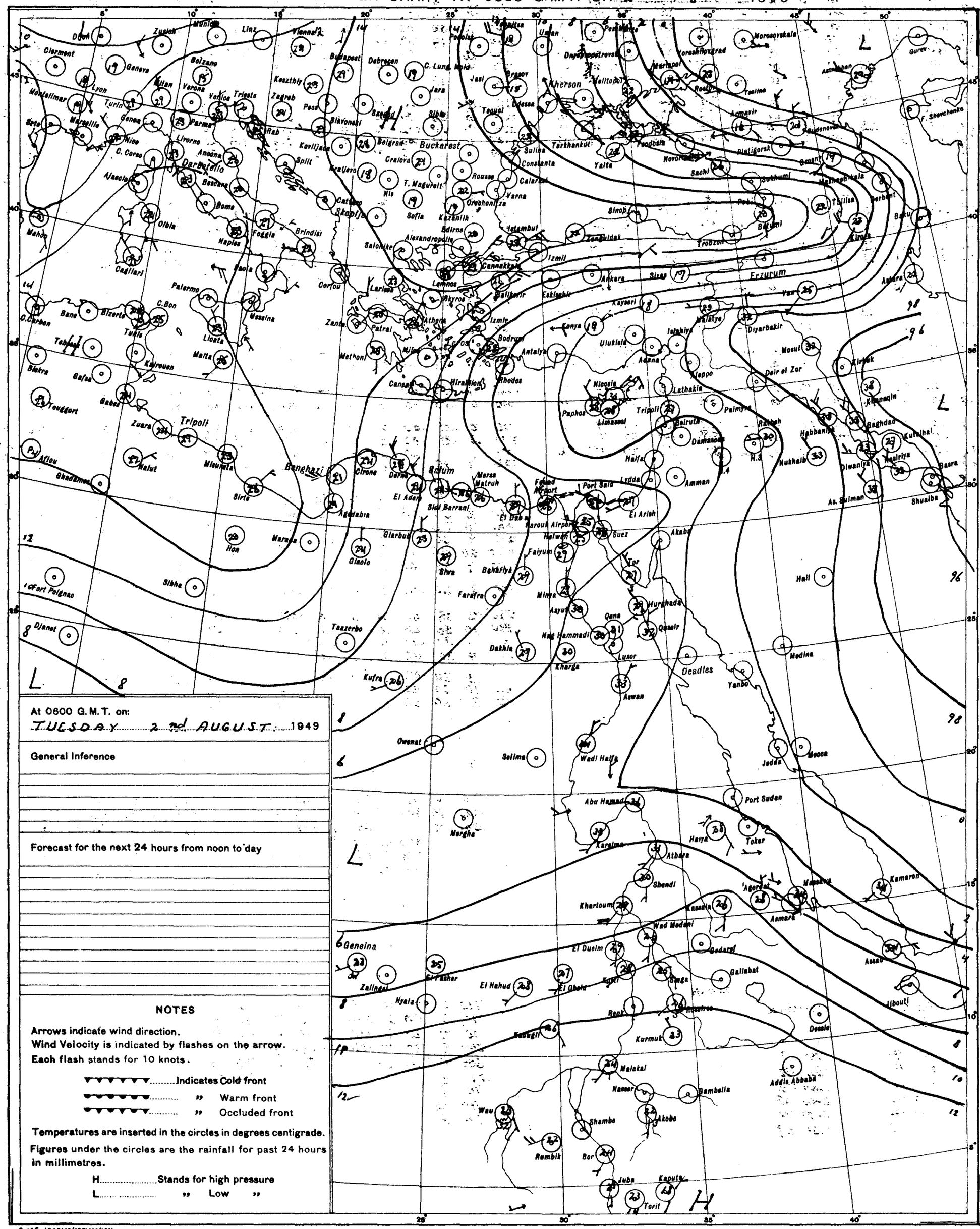
Height m.	Siwa (9) Dir.	Vel.	Bahariya (9) Dir.	Vel.	Dakhla (9) Dir.	Vel.	Kharga (7) Dir.	Vel.	Wadi Halfa (4) Dir.	Vel.	Abu Hamad Dir.	Vel.	Kareima Dir.	Vel.	Khartum Dir.	Vel.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fasher (5) Dir.	Vel.	Malakal Dir.	Vel.
300	130	5	20	6	350	3	30	2	10	7														
600	90	3	30	3	340	4	40	3	40	9														
1000	20	9	20	5	330	2	10	4	50	10											270	3		
1500	340	9	20	14	330	3	340	9	70	11											340	9		
2000	300	8	360	20			340	11	160	3														
3000	270	8							150	3											30	13		
4000	10	5																						
5000	40	12																						
6000	330	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 2nd August 1949



At 0600 G.M.T. on:
TUESDAY 2nd AUGUST 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		95	⌈
,, ,, hail		96	⌈
,, ,, Sandstorm		98	⌈

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	○
Mainly overcast	2	○
Sandstorm or Duststorm	3	≋
Fog or thick dusthaze (vis less than 1000 m.)	4	≡
Drizzle	5	,
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 47 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date : Wednesday 3rd August , 1949

At 1200 on Tues. 2nd Aug.

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	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											
	62305	SIDI BARÂNI	320	9	35	02	2	8	Cs	9.6	28	79	24
	62306	MATRÛH											
	62309	EL DABÀ	330	5	35	00	0	0	—	9.9	28	70	22
		ALEXANDRIA	360	12	50	00	0	0	—	7.1	28	62	20
	62516	FOUAD (Airport)	330	16	18	02	0	0	—	7.3	28	62	20
	62330	DAMIETTA	320	5	7	00	0	0	—	6.3	29	70	23
	62333	PORT SAÏD	350	13	12	02	1	0	—	6.0	28	79	24
	62336	EL 'ARISH	320	9	35	01	0	0	—	6.8	29	70	23
NILE DELTA	62339	DAMANHÛR	360	9	15	02	0	0	—	7.2	30	66	23
	62342	MANSÛRA	320	5	35	00	0	0	—	6.2	34	47	21
	62345	TANTA	270	13	35	02	0	0	—	7.1	35	42	20
	62354	ZAGAZIG	320	6	15	00	0	0	—	6.7	35	37	18
	62441	ISMAÏLIA	270	2	25	02	0	0	—	5.5	36	26	13
LOWER EGYPT	62366	FAROUK (Airport)											
	62372	ALMÀZA											
		EZBEKÌYA											
		GÌZA	340	3	35	00	0	0	—	6.0	35	23	11
	62378	HELWÂN	360	3	35	00	0	0	—	6.7	36	21	10
	62381	FAIYÛM	320	7	15	02	0	0	—	5.6	36	17	7
	62387	MINYA	360	8	35	02	0	0	—	5.8	36	25	13
	62393	ASYÛT MANQABÀD	20	9	14	00	0	0	—	6.1	37	24	13
	62396	NAG' HAMMÀDI	00	0	30	00	0	0	—	4.4	39	14	7
	62402	QENA	00	0	7	00	0	0	—	3.5	40	26	17
	62405	LUXOR	270	2	50	00	0	0	—	3.9	42	18	13
	62414	ASWÂN	360	3	50	00	0	0	—	2.8	43	14	10
OASES	62417	SÌWA											
	62420	BAHARÌYA	320	4	35	02	0	0	—	5.8	38	16	8
	62423	FARAFRA											
	62432	DAKHLA	320	6	50	00	0	0	—	5.1	39	11	3
	62455	KHARGA	00	0	35	00	0	0	—	4.6	41	11	11
RED SEA	62450	SUEZ	00	0	35	02	0	0	—	4.7	36	20	10
	62459	TÛR	310	3	35	00	0	0	—	3.9	32	52	21
	62462	HURGHÀDA	30	5		00	0	0	—	3.3	32	63	24
	62465	QUSEIR	20	9	15	02	0	0	—	5.6	32	46	25
	62641	PORT SUDÀN	70	10	30	03	0	2	Sc	2.2	36	63	28
NORTH SUDAN	62600	WÀDI HALFA	320	3	30	01	0	1	Ac	1.8	43	12	8
	62640	ABU HAMAD	00	0	30	03	0	5	Cu	1.5	42	19	14
	62660	KAREIMA	200	6	10	01	0	3	Cu	2.3	41	22	15
	62680	ATBARA	230	2	30	26	8	3	Cb	2.1	40	24	18
	62721	KHARTÛM	260	18	20	02	1	6	Cu,Cu	3.4	38	25	15
	62780	KASSALA											
CENTRAL SUDAN	62751	WÀD MEDANI	120	5	35	02	0	4	Cu	4.4	36	35	18
	62801	RENK	60	0	50	02	1	4	Ci	9.3	32	43	18
	62802	ROSEIRES	200	3	35	00	0	0	—	7.0	30	65	20
	62771	EL OBEID	170	3	30	03	1	7	Cb	4.6	34	36	17
	62760	EL FÀSHER	50	3	30	01	0	4	Cu		33	41	18
	62770	GENEINA	230	5	30	02	1	7	Cu,Sc				19
S. SUDAN	62840	MALAKÀL	230	6	20	02	2	8	Cu,Sc	8.2	29	70	23
	62880	WÀU	170	9	30	01	8	6	Cu	6.8	29	62	21
	62941	JUBA	310	5	30	03	2	8	Cb,Ac	7.7	29	66	22

At 1800 on Tues. 2nd Aug.

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST 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												
62305	SIDI BARÂNI	320	4	7	02	0	0	—	8.4	28	79	24	0
62306	MATRÛH	310	4	35	02	2	8	Cs	8.8	26	84	22	0
62309	EL DABÀ	360	3	13	00	0	0	—	8.0	25	74	20	0
	ALEXANDRIA	330	3	15	00	0	0	—	8.1	26	70	21	0
62516	FOUAD (Airport)	340	11	7	00	0	0	—	7.0	26	70	20	0
62330	DAMIETTA	340	16	18	02	0	0	—	6.6	25	70	19	0
62333	PORT SAÏD	290	5		00	0	0	—	5.9	26	84	23	0
62336	EL 'ARISH	310	2	16	01	0	0	—	4.7	27	84	24	0
62339	DAMANHÛR	310	9	15	02	0	0	—	7.6	28	84	21	0
62342	MANSÛRA	310	5		00	0	0	—	6.4	28	70	20	0
62345	TANTA	00	0	35	02	0	0	—	7.4	25	70	19	0
62354	ZAGAZIG	320	5		00	0	0	—	6.7	27	70	21	0
62441	ISMAÏLIA	340	5	7	00	0	0	—	5.3	30	52	19	0
62366	FAROUK (Airport)												
62372	ALMÀZA												
	EZBEKÌYA	290	10		00	0	0	—	6.2	28	59	19	0
	GÌZA	340	6	15	00	0	0	—	6.6	28	55	18	0
62378	HELWÂN	340	6	15	00	0	0	—	7.5	27	66	17	0
62381	FAIYÛM	340	17		00	0	0	—	5.6	29	52	18	0
62387	MINYA	360	2	35	02	0	0	—	5.0	32	38	16	0
62393	ASYÛT MANQABÀD	360	7	12	00	0	0	—	4.8	30	38	14	0
62396	NAG' HAMMÀDI												
62402	QENA	270	2	7	00	0	0	—	2.8	29	46	16	0
62405	LUXOR	270	2	7	00	0	0	—	3.6	33	30	12	0
62414	ASWÂN	330	8	12	00	1	0	—	1	36	13	3	0
62417	SÌWA	340	5	50	00	0	0	—	2.0	39	17	10	0
62420	BAHARÌYA	00	0	35	00	0	0	—	8.3	32	49	20	0
62423	FARAFRA	360	3	15	02	0	0	—	6.0	32	24	9	0
62432	DAKHLA	320	3	35	00	0	0	—	4.4	34	14	3	0
62455	KHARGA	00	0	15	00	0	0	—	4.7	35	15	5	0
62450	SUEZ	00	0	15	02	0	0	—	4.1	32	49	20	0
62459	TÛR	310	9	15	00	0	0	—	3.0	29			0
62462	HURGHÀDA	00	0		00	0	0	—	2.3	30	49	18	0
62465	QUSEIR	40	5	15	02	0	0	—	4.8	30	70	24	0
62641	PORT SUDÀN												
62600	WÀDI HALFA	00	0	30	03	0	1	Ci	4.8		33	24	23
62640	ABU HAMAD	180	13	4	07	1	7	Ac	7.7		29	27	59
62660	KAREIMA	180	11	10	02	4	7	Ac	8.6		29	27	52
62680	ATBARA	200	9	30	00	8	8	Cu,Ac	10.1		24	23	79
62721	KHARTÛM	250	12	30	21	6	8	Ac	9.7		25	22	70
62780	KASSALA												
62751	WÀD MEDANI												
62801	RENK												
62802	ROSEIRES	230	3	15	02	1	6	As	10.3		24	22	84
62771	EL OBEID	190	3	30	21	8	8	Sc	11.2		25	24	84
62760	EL FÀSHER	250	6	30	02	9	8	Cu,Sc			23	22	84
62770	GENEINA	110	5	30	02	1	8	Cu,Sc			21	21	—
62840	MALAKÀL												
62880	WÀU	120	9	30	00	0	8	Ac	13.4		23	22	84
62941	JUBA												

At 0600 on Wednesday 3rd August,

INDEX NUMBER	STATION	WIND 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.	STATION
62300	SALUM																				SALUM
62305	SIDI BARÂNI	280	2	7	02	0	0	—	6.3		26	30		18		70	20	0			SIDI BARÂNI
62306	MATRÛH	290	9	35	02	2	8	Cu,Cs	8.6		25	28		20		84	22	0	278		MATRÛH
62309	EL DABÀ	340	7	14	00	0	0	—	7.2		25	31		20		84	22	0			EL DABÀ
	ALEXANDRIA	320	6	15	01	0	3	Ac	8.2		26			18		70	21	0			ALEXANDRIA
62516	FOUAD (Airport)	310	15	50	00	0	0	—	7.0	-2.6	26	29	-1	24	+1	62	18	0	267	186	FOUAD (Airport)
62330	DAMIETTA	340	13	18	02	0	0	—	6.1		26	30		23		62	18	0	265	138	DAMIETTA
62333	PORT SAÏD	280	6		03	1	5	Ns,Fc	6.3	-2.2	25	31		17		74	20	0	319	106	PORT SAÏD
62336	EL 'ARISH	270	10	10	02	0	2	Sc	5.8		26			23		70	20	0	72		EL 'ARISH
62339	DAMANHÛR	220	2	35	01	0	0	—	4.8	-3.9	28	30	-1	22	+1	58	19	0		94	DAMANHÛR
62342	MANSÛRA	310	9	7	02	0	0	—	7.0	-2.4	26	31	-2	19	-1	74	21	0	102	101	MANSÛRA
62345	TANTA	270	5	35	00	0	0	—	5.0	-2.7	25	36	0	18	-3	74	20	0	49	55	TANTA
62354	ZAGAZIG	00	0	35	02	0	0	—	7.5	-1.9	25	35	0	18	-5	70	19	0	34	44	ZAGAZIG
62441	ISMAÏLIA	220	5	7	00	0	0	—	7.1	-2.2	27	37	+2	19	-1	70	21	0	21	27	ISMAÏLIA
62366	FAROUK (Airport)	290	3	7	02	0	0	—	6.6		25	37		22		70	19	0	14		FAROUK (Airport)
62372	ALMÀZA											39?									ALMÀZA
	EZBEKÌYA	240	7	15	00	0	0	—	7.5	-1.5	24	36	0	21	-1	58	17	0	8	26	EZBEKÌYA
	GÌZA	340	7	15	00	0	0	—	8.0	-0.9	26	36	+1	19	-1	55	16	0	16	27	GÌZA
62378	HELWÂN	00	0	15	00	0	0	—	7.5	-1.4	24	37	+2	21	+1	69	18	0	16	29	HELWÂN
62381	FAIYÛM	360	5	35	02	0	0	—	7.8	-1.5	26	38	+1	22	+1	62	18	0	8	8	FAIYÛM
62387	MINYA	360	8	10	00	0	0	—	7.5		25	28		20		74	20	0	5		MINYA
62393	ASYÛT MANQABÀD	320	6	30	00	0	0	—	7.0		27			22		55	17	0	dr.		ASYÛT MANQABÀD
62396	NAG' HAMMÀDI	00	0	3	00	0	0	—	6.2	-1.0	29	41		20		62	18	0	0		NAG' HAMMÀDI
62402	QENA	270	2	35	00	0	0	—	6.2	-0.8	30	43	+3			40	15	0	dr.		QENA
62405	LUXOR											44							dr.		LUXOR
62414	ASWÂN	360	3	50	00	0	0	—	5.4	-1.6	32	45	+4	28	+2	28	12	0	2		ASWÂN
62417	SÌWA	00	0	35	00	8	8	—	9.5	-2.2	28	38	0	21	0	58	19	0	1	8	SÌWA
62420	BAHARÌYA	360	3	35	02	6	0	—	7.4	-2.6	27	39	+2	21	+1	42	13	0	dr.	7	BAHARÌYA
62423	FARAFRA																		dr.		FARAFRA
62432	DAKHLA	00	0	35	00	0	0	—	6.8	-1.8	31	41	+2	24	+1	31	12	0	dr.		DAKHLA
62455	KHARGA	40	1	35	00	0	0	—	6.7	-1.3	31	43	+3	26	+3	28	15	0	0		KHARGA
62450	SUEZ	00	0	35	00	0	0	—	5.5	-2.7	27	39	+3	22	-1	55	17	0	12	17	SUEZ
62459	TÛR	340	4	35	00	0	0	—	4.7	-1.3	27	37	+3	22	-3	84	24	0	dr.	13	TÛR
62462	HURGHÀDA	310	10		00	0	0	—	4.1		29	36		24		79	25	0	7		HURGHÀDA
62465	QUSEIR	360	9	15	02	0	0	—	4.6	-1.5	33	34	0	25	-2	44	19	0	0	4	QUSEIR
62641	PORT SUDÀN	110	6	7	05	6	8	Ac	4.3		35	39		30		44	21	dr.	40	102	PORT SUDÀN
62600	WÀDI HALFA	00	0	30	03	0	1	Ci	4.8		33	44		24		23	9	0	27		WÀDI HALFA
62640	ABU HAMAD	180	13	4	07	1	7	Ac	7.7		29	45		27		59	20	0			ABU HAMAD
62660	KAREIMA	180	11	10	02	4	7	Ac	8.6		29	43		27		52	18	3	9	11	KAREIMA
62680	ATBARA	200	9	30	00	8	8	Cu,Ac	10.1		24	41		23		79	20	3	19	28	ATBARA
62721	KHARTÛM	250	12	30	21	6	8	Ac	9.7		25	40		22		70	19	1	20	72	KHARTÛM
62780	KASSALA																	0	129	153	KASSALA
62751	WÀD MEDANI																	0	148	202	WÀD MEDANI
62801	RENK																			302	RENK
62802	ROSEIRES	230	3	15	02	1	6	As			24	31		22		84	21	0	311	446	ROSEIRES
62771	EL OBEID	190	3	30	21	8	8	Sc	11.2		25	35		24		84	22	dr	160	178	EL OBEID
62760	EL FÀSHER	250	6	30	02	9	8	Cu,Sc			23	36		22		84	20	1	81	149	EL FÀSHER
62770	GENEINA	110	5	30	02	1	8	Cu,Sc			21	34		21		—	21	2		270	GENEINA
62840	MALAKÀL																	0	729	520	MALAKÀL
62880	WÀU	120	9	30	00	0	8	Ac	13.4		23	30		22		84	20	dr	681	743	WÀU
62941	JUBA																	0	547	738	JUBA

HUMIDITY % Mean of day

STATION	On 2nd	Diff. from normal
Alexandria	70	-4
Ezbekiya	64	+4
Giza	61	0
Helwân	59	+9

GÌZA

GRASS MINIMUM TEMP

On 3rd Aug. 11.3°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 2nd Aug.

STATION	Matruh		Fouad A/P		Minya		Hurghada															
TIME	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.
300	340	13			330	17			20	9			350	16								
600	320	13			330	30			20	15			350	25								
1000	280	12			320	17			20	15			350	26								
1500	340	16			320	14			360	21			350	23								
2000	320	12			310	11			330	15			290	15								
3000	230	7			330	7			290	17			270									
4000					330	10			280													
5000																						
6000																						
7000																						
8000																						

UPPER WIND OBSERVATIONS on 3rd Aug.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		EL 'ARÌSH		HELWÂN		MINYA		ASYÛT MANQABÀD		LUXOR		ASWÂN		HURGHADA	
TIME	9				4		9				9		9		10				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	310	15			320	42	280	12			310	15	340	12	320	11			360	6	360	17
600	320	13			320	47	280	15			320	15	340	5	310	12			30	3	360	10
1000	300	8			320	40	270	16			290	15	300	7	310	14			50	8	330	10
1500	270	17			320	29	280	16			260	12	320	16	320	14			40	11	300	16
2000	300	14			310	28	280	18					360	21					310	9	250	14
3000					330	16	320	23					20	16							290	20
4000							230	35														
5000																						
6000																						
7000																						
8000																						

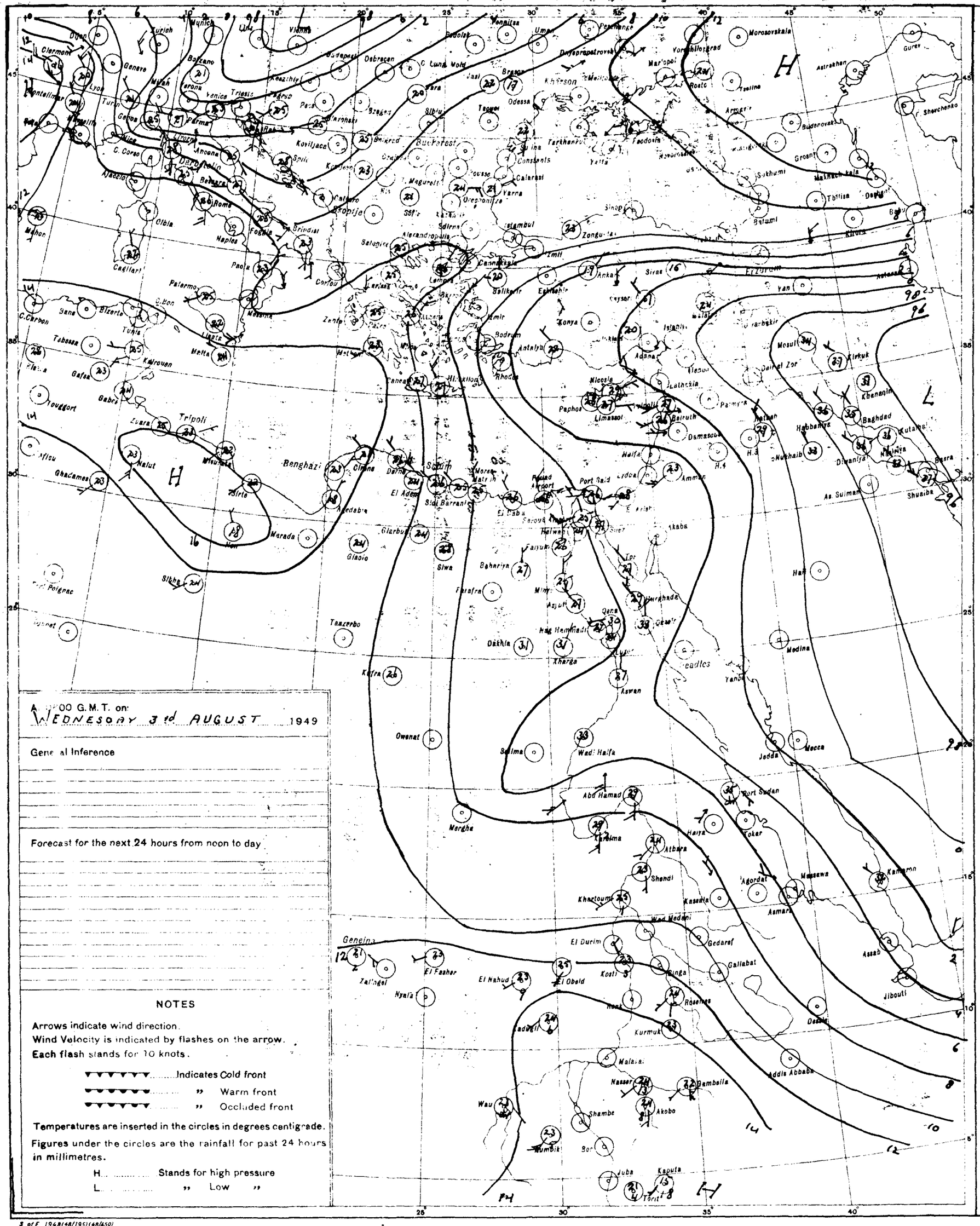
STATION	SÌWA		BAHARÌYA		DAKHLA		KHARGA		WÀDI HALFA		ABÙ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÀSHER		MALAKÀ
TIME	9		9		9		7								6 30				3 30				4
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	330	7	360	7	340	10	10	10																
600	320	10	340	8	350	10	20	14							240	13							200	12
1000	320	12	340	17	350	15	10	18							220	9			230	14			200	12
1500	320	17	320		330	15	350	15							130	5			300	9			220	13
2000	290	18			300	19	310	8							100	7			230	3				
3000	280	9													90	17			150	9			220	5
4000															110	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 3rd 8 1949



At 0600 G.M.T. on:
WEDNESDAY 3rd AUGUST 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	(R)
During past hour and not at time of observation — Squalls	18	V
During past hour and not at time of observation — Drizzle	20	,
During past hour and not at time of observation — Rain	21	•
During past hour and not at time of observation — Showers of rain	25	•▽
During past hour and not at time of observation — " " hail	27	•▲
During past hour and not at time of observation — Fog	28	≡
During past hour and not at time of observation — Thunderstorm	29	R
Duststorm or Sandstorm	31	≡
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	•▽
" " hail	87	•▲
Rain / Hail — Thunderstorm during the past hour	91	R
Rain / Hail — Thunderstorm during the past hour	93	R▲
Thunderstorm with rain	95	R•
" " hail	96	R▲
" " Sandstorm	98	R≡

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

Cloudless		—	○
Cirrus	Ci	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 46 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date : Thursday 4th August, , 1949

At 1200 on Wed. 3rd Aug.

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST 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	3	7	02	0	0	—	9.5	24	69	18	
	62303	SÎDI BARÂNI	320	11	35	02	2	8	Cs	6.4	27	79	23	
	62306	MATRÛH												
	62309	EL DABA	320	7	35	00	0	0	—		29	59	20	
		ALEXANDRIA	310	19	50	00	0	0	—	6.8	28	62	20	
	62318	FOUAD (Airport)	310	16	18	02	0	0	—	6.9	29	55	19	
	62330	DAMIETTA	270	5	15	00	0	0	—	5.9	28	70	22	
	62333	PORT SA'ÎD	320	12	18	02	0	0	—	5.2	28	70	22	
	62336	EL 'ARISH	320	5	35	01	0	0	—	5.6	28	62	20	
LOWER EGYPT	62339	DAMANHUR	270	13	15	02	1	1	Cu	6.4	30	66	23	
	62342	MANSURA	320	13	36	00	0	0	—	5.6	32	43	18	
	62346	TANTA	230	6	35	03	0	0	—	6.4	32	43	18	
	62354	ZAGAZIG	40	5	15	00	0	0	—	6.2	32	56	22	
	62441	ISMA'ÎLIA	290	5	15	02	0	0	—	5.3	34	86	17	
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMÂZA	270	11	30	00	0	0	—	5.5	33	30	13	
		EZBEKÎYA	340	5	35	00	0	0	—	5.8	33	34	15	
		GÎZA	340	5	35	00	0	0	—	6.3	33	34	15	
	62378	HELWÂN	320	11	35	02	0	0	—	5.6	33	30	13	
UPPER EGYPT	62381	FAIYÛM	360	8	35	02	0	0	—	5.5	35	23	11	
	62387	MINYA	10	10	12	00	0	0	—	5.7	35	29	14	
	62393	ASYÛT MANQABÂD	320	8	30	00	0	0	—	5.1	36	17	7	
	62399	NAG' HAMMÂDI	00	0	7	00	0	0	—	3.5	37	31	17	
	62402	QENA	240	5	50	00	0	0	—	3.8	40	19	12	
	62405	LUXOR												
	62414	ASWÂN	340	3	50	00	0	0	—	3.4	41	18	12	
OASES	62417	SÎWA												
	62420	BAHARÎYA	360	3	35	02	0	0	—	5.8	37	18	9	
	62423	FARAFRA												
	62432	DAKHLA	320	6	50	00	0	0	—	5.3	38	16	8	
	62435	KHARGA	00	0	35	00	0	0	—	5.3	39	21	13	
RED SEA	62450	SUEZ	00	0	35	02	0	0	—	3.4	35	42	20	
	62459	TÛR	310	5	35	00	0	0	—	3.4	31	65	24	
	62462	HURGHÂDA	10	8		08	0	0	—	2.5	31	70	25	
	62465	QUSEIR	40	5	15	02	0	0	—	3.0	32	70	26	
	62641	PORT SUDÂN	250	10	7	07	3	7	Cs	2.6	41	28	19	
NORTH SÛDÂN	62600	WÂDI HALFA	290	8	30	03	0	1	Ac	2.8	41	9	2	
	62640	ABU HAMAD	270	5	10	01	2	5	Ac	3.3	38	25	15	
	62660	KAREIMA	220	11	7	07	2	5	Cs	3.6	37	27	15	
	62680	'ATBARA	260	9	18	01	0	4	Sc	7.8	34	32	15	
	62721	KHARTÛM	220	6	30	02	2	7	Ac	7.0	32	41	17	
	62730	KASSALA	270	2	30	03	1	6	Cu	6.1	34	41	19	
CENTRAL SÛDÂN	62751	WÂD MEDANI	200	9	35	02	1	4	Ci	9.9	31	41	19	
	62801	RENK	230	5	50	06	0	6	Ci	10.6	27	70	21	
	62802	ROSEIRES	290	1	3	02	1	8	Ac	7.4	28	70	22	
	62771	EL OBEID	280	7	30	28	6	9	Cb, Ac	11.9	28	62	20	
	62760	EL FÂSHER												
	62770	GENEINA	230	4	30	01	2	5	Cb					
S. SUDÂN	62840	MALAKÂL	310	8	30	03	6	8	Cu, Sc	10.9	25	84	22	
	62880	WÂU	120	5	30	02	2	7	Cu, Ac	10.3	29	62	21	
	62941	JUBA	00	0	10	54	8	8	Sc, Ac	11.5	26	84	23	

At 1800 on Wed. 3rd Aug.

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	320	5	7	02	0	0	—	8.2	24	87	22	0
62303	320	8	35	02	2	8	Cu, Cs	8.8	24	94	23	0
62306	340	9	12	03	0	2	Sc	7.5	25	79	21	0
62309	320	4	15	00	0	0	—		25	74	20	0
	310	5	7	00	0	0	—	7.0	26	70	20	0
62318	340	11	12	02	0	0	—	6.6	24	79	20	0
62330	250	5		02	0	0	—	6.6	25	84	22	0
62333	300	13	15	02	0	0	—	5.8	26	70	20	0
62336	320	2	15	03	0	1	Cu	6.4	25	84	22	0
62339	270	9	15	02	0	0	—	6.8	25	84	22	0
62342	320	5		00	0	0	—	6.7	25	61	17	0
62346	270	2	35	02	0	0	—	7.8	24	61	16	0
62354	320	5		00	0	0	—	7.2	25	70	19	0
62441	340	2	7	02	0	0	—	6.2	28	58	19	0
62366												
62372	210	8	12	00	0	0	—	6.5	28	55	18	0
	340	3	15	00	0	0	—	6.8	28	58	19	0
	360	3	15	00	0	0	—	6.5	27	57	17	0
62378	340	4	35	02	0	0	—	6.3	29	52	18	0
62381	360	2			0	0	—	5.8	31	31	12	0
62387	00	0	10	00	0	0	—	5.5	30	38	14	0
62393												
62399	00	0		00	0	0	—	3.0	30	40	15	0
62402	270	2	7	00	0	0	—	3.9	32	34	14	0
62405	320	11	12	00	0	0	—	4.1	34	10	-2	0
62414	340	8	50	00	0	0	—	3.5	37	19	10	0
62417	00	0	7	00	0	0	—	8.6	35	42	20	0
62420	340	1	15	02	0	0	—	6.3	32	24	9	0
62423												
62432	320	2	35	00	0	0	—	4.0	39	24	15	0
62435	00	0	15	00	0	0	—	5.3	34	22	9	0
62450	360	4	15	02	0	0	—	4.8	30	46	17	0
62459	310	9	15	00	0	0	—	4.7	29	49	17	0
62462	00	0		00	0	0	—	2.3	31	43	17	0
62465	360	9	15	02	0	0	—	4.0	31	52	20	0
62641												
62600												
62640												
62660												
62680												
62721												
62730												
62751												
62801												
62802												
62771												
62760												
62770												
62840												
62880												
62941												

At 0600 on Thursday 4th August.

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.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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.
62300	320	3	7	02	0	0	—	8.6		26			18		42	12	tr		
62303											28							278	
62306	330	8	18	03	0	1	Cu	7.5		26	30		20		79	22	0		
62309	320	4	15	01	1	3		7.6		27			19		70	21	0		
	310	9	50	03	1		Sc, Ac	7.2	-2.4	26	24	-1	23	0	74	21	0	267	186
62318	290	9	18	03	0	4	Cu	6.9		26	30		23		74	21	0	265	138
62330	200	5		11	0	3	Ac	6.6	-2.0	25	28		17		84	22	0	319	106
62333	250	10	12	02	0	0	—	6.2		25	31		22		74	20	0	72	
62336	220	2	35	01	0	0	—	6.4	-2.3	26	29	-2	21	0	62	18	0		94
62339	310	13	7	02	1	1	Cu	7.2	-2.0	26	31	-2	19	-1	74	21	0	102	101
62342	270	9	35	00	0	0	—	6.7	-2.1	26	33	-2	18	-3	70	20	0	49	55
62346	270	2	35	02	0	0	—	7.8	-1.7	25	32	-3	15	-5	70	19	0	34	44
62354	320	5	7	00	0	0	—	7.2	-2.2	26	34	-1	19	-1	70	20	0	21	27
62441	290	2	7	00	1	2	Ac	6.7		25	35		20		70	19	0	14	
62366																			
62372											34								
	320	2	15	00	0	2	Cu	7.5	-1.5	25	35	-1	20	-2	70	19	0	8	26
	320	2	15	00	0	2	Cu	8.2	-0.7	26	34	-1	16	-4	66	19	0	16	27
62378	00	0	7	06	0	1	St.	7.5	-1.6	23	34	-1	19	-2	74	18	0	16	29
62381	360	5	35	02	0	0	—	7.8	-1.5	25	37	0	19	-2	61	17	0	8	8
62387	360	5	12	00	0	0	—	7.4		25	36		18		61	17	0	5	
62393	320	3	30	00	0	0	—	6.9		27			24		45	14	0	dr.	
62399	00	0	3	00	0	0	—	5.9	-1.1	29	38		21		52	18	0	0	
62402	240	5	50	00	0	0	—	5.9	-1.0	30	40	0	25	+1	35	13	0	dr.	
62405											42							dr.	
62414	00	0	50	00	0	0	—	6.2	-0.8	34	43	+2	27	+1	20	8	0	2	
62417	320	8	35	03	2	8	Ac	10.4	-1.3	26	39	+1	20	-1	42	12	0	1	8
62420	360	1	35	02	0	0	—	7.2	-2.9	29	38	+1	19	-1	40	14	0	dr.	7
62423																		dr.	
62432	320	2	35	00	0	0	—	7.5	-1.1	31	40	+1	25	+2	28	10	0	dr.	
62435	00	0	35	00	0	0	—	6.8	-1.2	31	40	0	27	+4	38	15	0	0	
62450	00	0	35	00	0	0	—	5.9	-2.3	25	39	+3	20	-3	70	19	0	12	17
62459	310	8	35	00	0	0	—	4.7	-1.3	27	34	0	26	+1	66	20	0	dr.	13
62462	310	16		00	0	0	—	4.1		29	34		23		70	23	0	7	
62465	360	9	15	02	0	0	—	4.6	-1.5	32	34	0	27	0	49	20	0	0	4
62641	190	17	10	07	2	5	Ac, Cs	4.4		29	43		34		70	23	0	40	102
62600	00	0	30	02	1	1	Ci	6.5		31	44		26		28	10	0	27	
62640	270	5	30	01	2	4	Ac	6.3		33	39		31		38	17	0		
62660	250	6	30	02	1	7	Ac	7.7		31	38		30		49	19	0	9	12
62680	230	9	30	03	2	5	Ac, Ci	8.5		29	36		26		52	18	dr.	19	29
62721	200	14	30	01	2	6	Cu, Sc, Ac	10.9		27	35		25		66	20	0	20	74
62730	180	9	30	02	2	8	Cu, Sc, Ac	12.2		26	35		22		70	19	0	129	158
62751	180	13	50	02	1	7	Ac	13.1		24	33		22		84	21	0.2	148	208
62801																			306
62802	200	2	15	60	2	8	Ns	14.2		21	30		21		94	20	2	313	454
62771	200	17	30	02	2	7	Ac	12.9		23	30		21		84	20	12	172	182
62760	00	0	30	02	1	7	Ac			25	30		23		79	21	0	81	154
62770	200	1	30	02	6	7	Cu			23	32		22		89	21	dr.		278
62840																	17	746	527
62880	100	2	30	01	8	4	Ac	13.0		24	30		22		84	21	dr.	681	750
62941																	dr.	549	742

HUMIDITY %

Mean of day

STATION	on 3rd	Diff. from normal
Alexandria	65	-9
Ezbekîya	57	-3
Giza	51	-10
Helwân	55	+5

GIZA
GRASS MINIMUM TEMP
ON 4th 8.7 °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 3rd August.

STATION	Fouad A.P.				Matruh				Port Said				Minya				Hurghada							
TIME	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.
300	320	13			310	15			300	23			10	21			120	8						
600	320	21			300	21			290	21			360	23			30	7						
1000	320	19			300	22			300	20			340	21			350	14						
1500	300	32			290	19			290	15			320	23			320	12						
2000	300	33			280	23			240	4			310	37			290	10						
3000	310	17											330	25			260	19						
4000																	260	20						
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 4th Aug.

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		
TIME	9						3				9 15		7 45		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	320	23	310	16			290	9			300	4	340	13	320	8			350	4	340	36		
600	330	17	330	11			300	4			320	5	270	3	300	10			360	13	340	28		
1000	340	16	330	15			240	4			330	8	300	19	310	10			360	19	320	22		
1500	350	14	340	10			50	3			340	12	300	33					340	16	300	16		
2000	360	14	340	23			310	9					290	47					290	19	270	14		
3000																			260					
4000																								
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7		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	330	12	330	19	320	12	360	7	20	9													140	11
600	310	10	320	21	320	11	350	15	50	19														
1000	330	12	330	10	320	11	330	17	40	20											110	3	190	9
1500	350	16	300	15					20	17											330	11	260	22
2000	360	14	280	26																	310	4		
3000	360	13							250	13														
4000	20	11																						
5000	360	9																						
6000	360	9																						
7000	360	7																						
8000																								

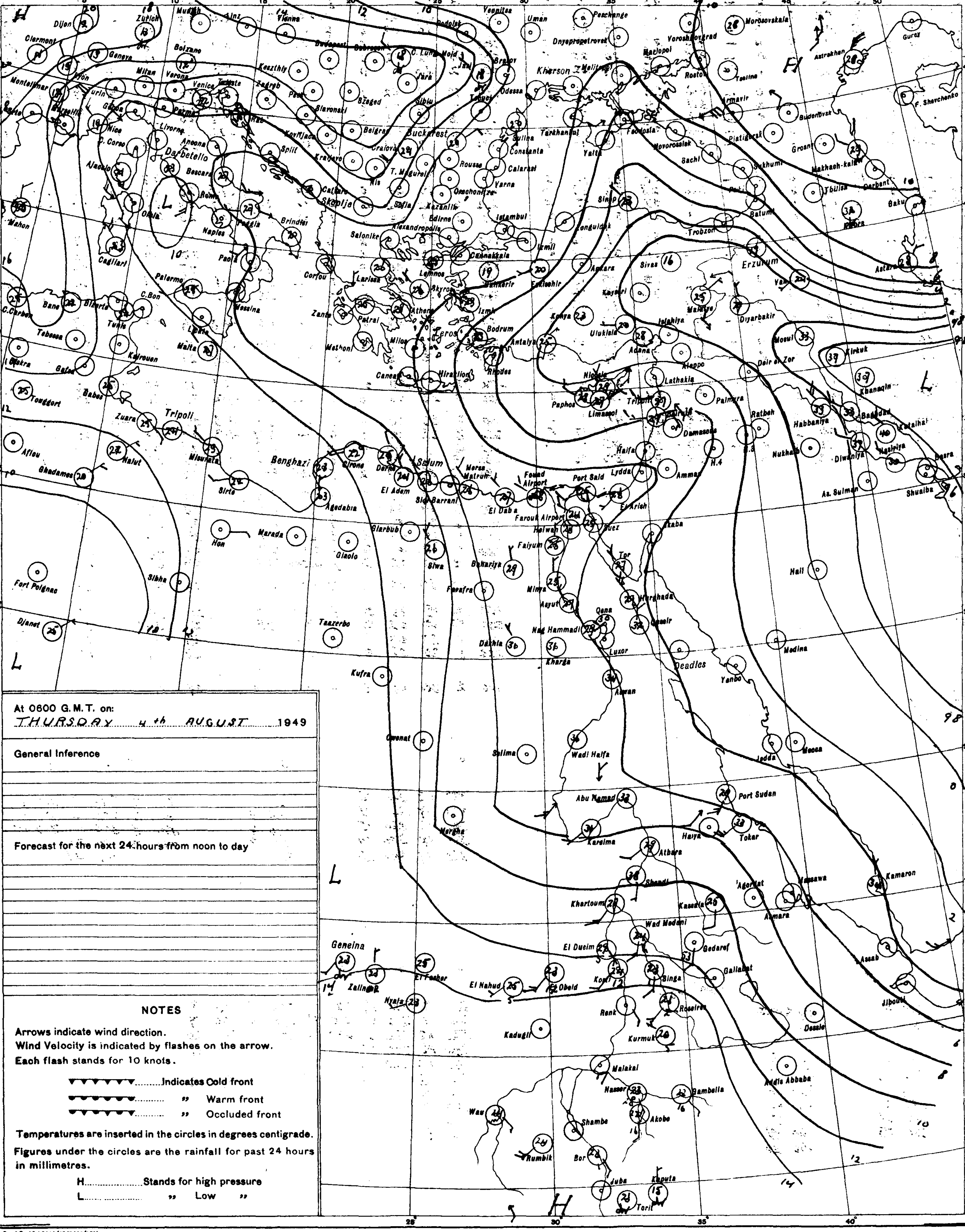
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 4th 8 1949



At 0600 G.M.T. on:
THURSDAY 4th AUGUST 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 } Thunderstorm during 91
- Hail } the past hour 93
- Thunderstorm with rain 95
- ,, ,, hail 96
- ,, ,, Sandstorm 98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

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

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 16 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 : Friday 5th August, , 1949

At 1200 on Thurs 4th Aug.

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	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	3	7	02	0	0	—	8.8	32	64	29
	62303	SÎDI BARÂNI	320	14	35	02	7	8	Cu,Cs	6.7	27	64	24
	62306	MATRÛH	350	12	17	00	0	0	—	7.9	25	79	21
	62309	EL DABʿA											
		ALEXANDRIA	310	19	50	00	0	0	—	6.0	27	70	21
	62318	FOUAD (Airport)	320	10	18	02	0	0	—	6.1	30	49	18
	62330	DAMIETTA	340	5	7	00	0	0	—	5.5	30	59	21
	62333	PORT SAʿID	340	11	30	02	0	0	—	5.4	26	70	22
	62336	EL ʿARISH	360	13	35	01	0	0	—	5.8	28	58	19
LOWER EGYPT	62339	DAMANHUR	310	9	15	02	0	0	—	6.4	31	59	22
	62342	MANSURA	270	9	35	00	0	0	—	5.5	33	38	17
	62348	TANTA	310	5	35	02	0	0	—	6.3	34	41	19
	62354	ZAGAZIG	320	5	16	00	0	0	—	6.2	35	42	20
	62441	ISMAʿILIA	340	6	35	02	0	0	—	5.1	34	36	17
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMÂZA											
		EZBEKÎYA	360	3	35	00	0	0	—	5.5	32	38	16
		GÎZA	360	3	35	00	0	0	—	6.4?	33	40	17
	62378	HELWÂN	290	3	35	02	0	0	—	5.6	32	26	11
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0	—	5.6	33	30	13
	62387	MINYA											
	62393	ASYÛT MANQABÂD	340	5	30	00	0	0	—	5.0	36	24	12
	62399	NAGʿ HAMMÂDI	290	2	7	00	0	0	—	3.8	37	22	12
	62402	QENA	180	2	35	00	0	0	—	3.4	41	14	8
	62405	LUXOR											
	62414	ASWÂN	320	6	50	00	0	0	—	4.0	40	19	12
OASES	62417	SÎWA	320	6	35	00	0	0	—	9.3	37	40	21
	62420	BAHARÎYA	360	4	35	02	0	0	—	5.6	36	17	7
	62423	FARAFRA											
	62432	DAKHLA	320	6	50	00	0	0	—	4.6	38	16	8
	62435	KHARGA	340	1	35	00	0	0	—	5.0	39	21	13
RED SEA	62450	SUEZ	00	0	35	02	0	0	—	4.0	35	29	14
	62459	TÛR	310	5	35	00	0	0	—	3.6	37	35	19
	62462	HURGHÂDA	350	16		00	0	0	—		32	56	22
	62465	QUSEIR	40	9	15	02	"	"	"	2.9	32	67	25
	62641	PORT SÛDÂN	260	11	10	18	1	4	Cu, Ac	1.4	43	34	24
NORTH SÛDÂN	62600	WÂDI HALFA											
	62640	ABU HAMAD	270	5	30	17	1	7	Cu, Ac	2.8	39	21	13
	62660	KAREIMA	300	9	30	01	2	4	Cu	4.2	33	50	21
	62680	ʿATBARA	230	9	10	03	1	6	Cu	4.7	36	31	16
	62721	KHARTÛM	220	18	30	01	2	6	Cu, Cb	7.6	33	47	20
	62780	KASSALA	200	9	30	03	1	7	Cu	7.7	31	49	19
CENTRAL SÛDÂN	62751	WÂD MEDANI	180	13	35	01	1	4	Cu	8.4	31	49	19
	62801	RENK	230	5	50	02	1	6	Ci	10.2	29	66	22
	62802	ROSEIRES	180	2	3	21	"	8	Fs, Fc	11.4			23
	62771	EL OBEID	230	9	30	01	2	7	Cb, Ac	7.4	31	49	19
	62760	EL FÂSHER	240	5	30	14	1	6	Cu, Ac		32	46	19
	62770	GENEINA	150	4	30	02	2	7	Cu, Ac				
S. SÛDÂN	62840	MALAKÂL	160	7	30	02	2	7	St	10.7	28	74	23
	62880	WÂU	150	2	30	02	1	6	Cu	8.3	31	52	20
	62941	JUBA	50	2	30	03	2	8	Cu, Cs	9.9	29	52	21

At 1800 on Thurs 4th Aug.

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	320	5	7	02	0	0	—	7.6	29	66	22	0
62303	320	7	35	02	2	8	Cs	7.5	25	94	24	0
62306	310	8	12	00	0	0	—	7.4	26	84	22	0
62309												
	310	5	7	00	0	0	—	6.2	26	70	20	0
62318	330	8	18	02	0	0	—	5.8	26	74	21	0
62330	320	5			0	0	—	5.9	26	74	21	0
62333	320	12	15	02	0	0	—	5.0	26	74	21	0
62336	340	2	15	02	0	0	—	5.8	26	70	20	0
62339	310	9	15	02	0	0	—	6.8	25	84	22	0
62342	320	5			0	0	—	6.0	26	70	20	0
62348	00	0	35	02	0	0	—	5.9	26	62	18	0
62354	320	5			0	0	—	5.8	27	62	19	0
62441	20	5	15	02	0	0	—	5.1	28	62	20	0
62366												
62372												
	360	3	15	00	0	0	—	6.2	28	52	17	0
	360	3	15	00	0	0	—	5.5	28	52	17	0
62378	340	12	35	02	0	0	—	5.0	30	40	15	0
62381	00	0	35	02	0	0	—	4.4	30	46	17	0
62387	00	0	10	00	0	0	—	4.5	27	52	16	0
62393												
62399	00	0	3	00	0	0	—	3.8	29	46	16	0
62402	270	2	7	00	0	0	—	3.5	32	24	9	0
62405	300	8	12	00	0	0	—	3.5	34	14	3	0
62414	140	5	50	00	0	0	—	3.4	36	14	5	0
62417	320	6	7	00	0	0	—	8.4	34	56	24	0
62420	360	2	15	02	0	0	—	6.3	31	22	7	0
62423												
62432	320	2	35	00	0	0	—		34	18	6	0
62435	60	0	15	00	0	0	—	5.0	34	22	9	0
62450	00	0	15	02	0	0	—	4.0	31	47	19	0
62459	360	8	15	00	0	0	—	3.4	33	44	19	0
62462	290	15			00	0	0	—	31	49	19	0
62465	330	9	15	02	0	0	—	3.4	31	52	9	0
62641												
62600												
62640												
62660												
62680												
62721												
62780												
62751												
62801												
62802												
62771												
62760												
62770												
62840												
62880												
62941												

At 0600 on Friday 5th August,

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.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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.
62300	360	2	7	03	1	2	Cc	7.6		28	33		18		42	14	0	—	
62303	290	12	35	02	2	8	Sc,Cu	7.5		26	28		22		84	23	0	278	
62306	330	13				1	Sc	6.5		26	30		23		74	22	0		
62309																			
	270	6	50	03	1		Sc,Ac	5.9	-3.7	26	29	-1	23	6	70	20	0	267	166
62318	320	8	14	02	0	0	—	5.2		26	31		23		74	21	0	265	136
62330	200	2		11	0	3	Ac	5.9	-2.7	26	30		17		64	23	0	319	106
62333	260	8	10	03	0	3	Sc	5.2		25	31		23		79	21	0	72	
62336	220	2	35	02	0	0	—	5.6	-3.1	26	31	c	19	-2	70	20	0		94
62339	270	9	7	02	0	0	—	6.4	-2.8	26	33	0	18	-2	74	21	0	102	101
62342	220	5	35	01	1	3	Ci	5.6	-3.2	24	34	-1	19	-2	64	21	0	49	55
62348	270	5	35	01	1	4	Cu	6.6	-2.9	25	34	-1	17	-3	74	20	0	34	44
62354	220	6	3	03	2	6	As	6.4	-3.0	24	36	0	20	0	44	23	0	21	27
62441	270	5	7	00	1	4	Sc	5.8		25	35		21		74	20	0	14	
62366																			
62372																			
	250	4	6	02	1	8	St.	5.7	-3.3	23			20		84	20	0		
	270	2	15	01	4	4	St	6.6	-2.4	24	35	-1	21	-1	68	22	0	8	26
	270	2	15	01	4	4	Sc	7.0	-1.9	26	34	-1	18	-2	68	20	0	14	27
62378	00	0	7	00	1	4	St.	6.7	-2.4	23	35	0	20	-1	84	20	0	16	29
62381	00	0	35	02	0	0	—	7.0	-2.3	25	35	-1	20	-1	61	17	0	8	8
62387	360	2	12	00	0	0	—	6.6		24	38		17		61	16	0	5	
62393	270	4	18	00	0	0	—	6.5		27			21		52	16	0	dr.	
62399	00	0	3	00	0	0	—	0.6	-1.4	28	38		19		45	15	0	0	
62402	270	2	35	00	0	0	—	6.3	-0.6	30	42	-2	23	-1	35	13	0	dr.	
62405	260	6	30	00	0	0	—	5.5		31	41				28	10	0	dr.	
62414	320	1	50	00	0	0	—	5.9	-1.1	32	41	0	26	0	34	14	0	2	
62417	320	5	35	00	0	0	—	7.8	-3.9	27	39	+1	20	-1	70	21	0	1	8
62420	320	1	35	02	0	0	—	6.8	-3.3	28	37	0	18	-2	33	10	0	dr.	7
62423																		dr.	
62432	270	2	35	00	0	0	—	6.9	-1.7	27	40	+1	22	-1	33	9	0	dr.	
62435	00	0	35	00	0	0	—	6.3	-1.7	30	40	0	22	-1	40	15	0	0	
62450	00	0	35	00	0	0	—	5.3	-2.9	27	37	+1	22	-1	62	19	0	12	17
62459	310	5	35	00	0	0	—	3.8	-2.2	27	38	+4	21	-4	54	24	0	dr.	13
62462	310	2		00	0	0	—	3.2		29	34		23		66	22	0	7	
62465	360	9	15	02	0	0	—	3.3	-2.8	29	34	0	25	-2	74	23	0	0	4
62641																	0	40	102
62600	140	1	30	00	0	0	—	5.3		31	42		29		18	4	0	27	
62640																			
62660	200	9	30	03	1	7	Sc,Cu	8.8		28	38		25		66	21	1	10	12
62680																	0	19	30
62721	190	17	30	01	1	3	St.	9.2		27	35		24		70	21	0	20	77
62780	200	5	30	01	1	2	Ac	10.9		27	32		23		66	20	0	129	162
62751	180	13	50	02	1	6	Ac	9.9		25	33		22		79	21	0	148	214
62801																			311
62802	200	2	35	01	1	2	Ac	12.3		22	27		20			21	13	326	461
62771	190	11	30	01	2	5		10.0		23	31		21		89	21	7	179	186
62760																	5	86	158
62770																			286
62840																	3	749	534
62880																	31	712	757
62941																	0	547	744

HUMIDITY % Mean of day

STATION	on 4th	Diff. from normal
Alexandria	69	+5
Ezbekiya	55	-5
Giza	54	-7
Helwân	54	+4

GIZA GRASS MINIMUM TEMP.

ON 5th 12.5 °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 4th Aug.

STATION	Mahrub				Port Said				Minya				Hurghada			
TIME	14 45				15				15				15			
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	330	13			310	21			10	10			340	25		
600	330	12			290	19			360	17			320	16		
1000	310	17			270	12			350	16			320	16		
1500	290	24			230	3			310	16			330	3		
2000					20	2							240	9		
3000					330	27							290	17		
4000					30	9										
5000					330	22										
6000																
7000																
8000																

UPPER WIND OBSERVATIONS on 5th Aug.

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAʿID		EL ʿARISH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		
TIME			3 30		9		3						3 45		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			290	23	300	15	270	6					360	14	310	10					10	15		
600			330	18	280	15	270	6					20	16	320	14					300	10		
1000			350	18	300	7	270	6					360	14	310	14					290	11		
1500			350	20	320	7	320	5					320	11	310	15					250	10		
2000			10	3	290	7							320	20							290	16		
3000					340	10							310	15							320	13		
4000					320	13																		
5000					340	9																		
6000																								
7000																								
8000																								

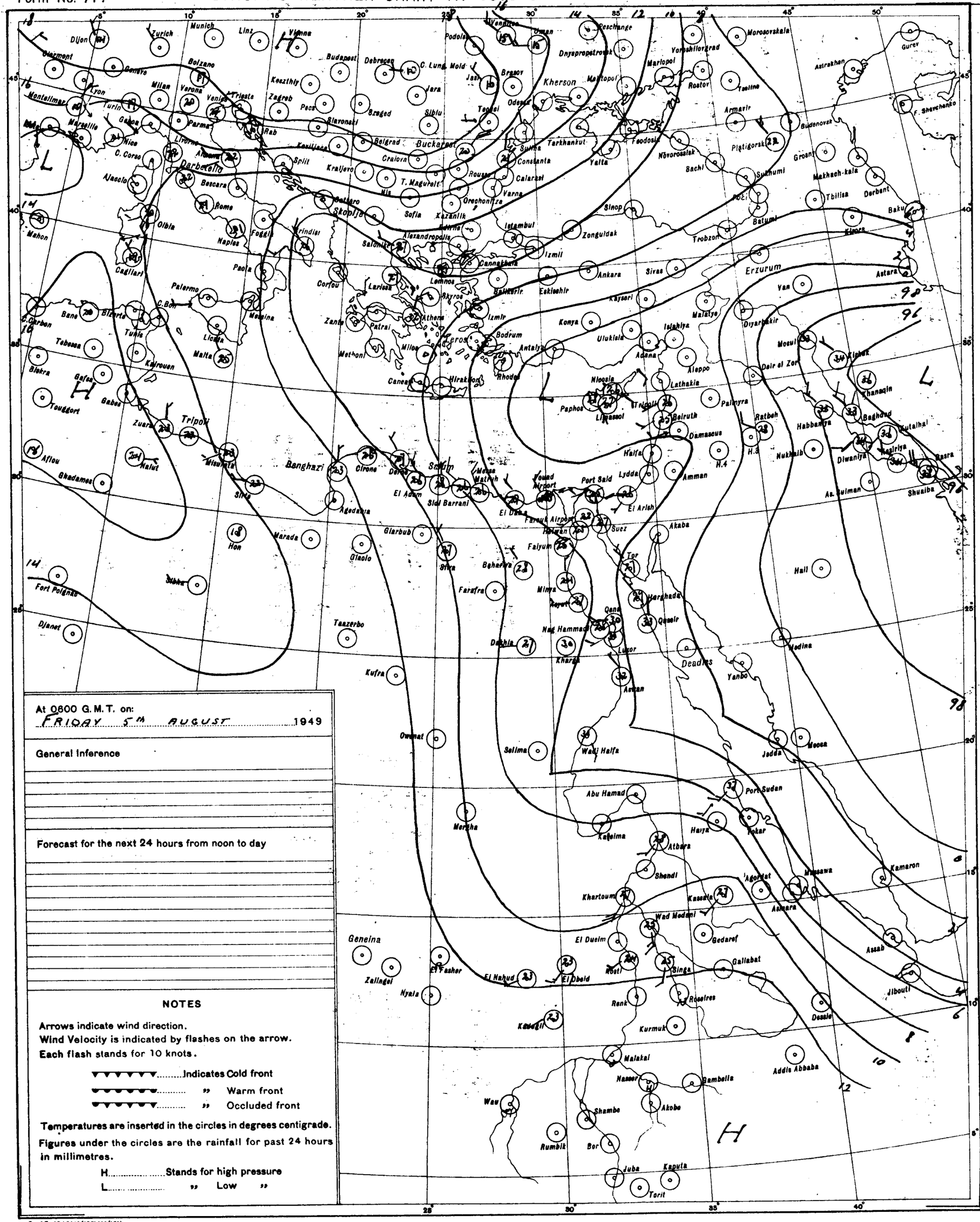
STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9																			
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	300	8	320	32	300	5																		
600	340	12	320	19	330	3																		
1000	330	18	320	23	10	12																		
1500	350	13	350	17	360	11																		
2000	10	13	340																					
3000	20	16																						
4000	320	18																						
5000	350	19																						
6000																								
7000																								
8000																								

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

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

Note: All times G. M. T.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 5th : 8 1949



At 0600 G.M.T. on:
FRIDAY 5TH AUGUST 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	S
	" or sand raised by wind	07	≋
	Dust devil	08	ε
	Duststorm or sandstorm within sight or at station during last hour	09	(≋)
	Mist	10	=
	Shallow fog	12	=
Lightning, no thunder heard		13	⟨
Precipitation within sight		16	(•)
Thunder, no precipitation		17	(R)
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,]
	Rain	21	•]
	Showers of rain	25	▽]
	" " hail	27	▽]
	Fog	28	≡]
	Thunderstorm	29	R]
Duststorm or Sandstorm		31	≋
Fog		45	≡
Drizzle		50	,
Rain		60	•
Showers of rain		80	▽
" " hail		87	▽
Rain / Hail	Thunderstorm during the past hour	91	R• / R△
Thunderstorm with rain		95	R
" " hail		96	R
" " Sandstorm		98	R

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

Cloudless			○
Cirrus	Ci	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

$ of E 1948(44/195)(44/450)

CAIRO
Time of Sunrise 03 16 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 6th August, , 1949

AREA	INDEX NUMBER	STATION	At 1200 on Fri. 5th Aug. WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY 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 Fri. 5th Aug. WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms
MEDITERRANEAN	62300	SALÛM	220	5	7	02	1	3	Ci	8.0	27	64	24	320	6	15	01	0	0	—	7.2	28	94	27	0
	62303	SÎDI BARÂNI	320	13	35	02	2	6	Sc,Cu,Cb	7.6	27	64	24	320	8	35	02	2	8	Cs	7.6	25	94	24	0
	62306	MATRÛH	250	16	17	00	1	0	—	6.0	30	66	23	340	6	13	01	1	4	Sc	6.0	25	94	24	0
	62309	EL DABʻA	320	7	35	00	0	0	—	5.6	29	79	25	320	5	35	00	0	0	—	5.8	26	64	23	0
		ALEXANDRIA	300	15	50	41	2		Sc,Ac	4.6	28	70	22												
	62316	FOUAD (Airport)	340	12	18	03	1	4	Sc	6.1	30	66	23	320	12	12	03	1	1	Sc	4.9	24	89	22	0
	62330	DAMIETTA	360	2	15	00	0	0	—	4.3	29	66	22	320	5	15	02	0	0	—	5.5	26	84	23	0
	62333	PORT SAʻID	320	6	18	02	0	0	—	4.2	31	52	20	360	10	15	02	0	0	—	4.5	26	79	22	0
	62336	EL ʻARISH	320	9	35	02	0	0	—	4.8	28	70	22	20	5	15	02	0	0	—	5.0	26	74	21	0
LOWER EGYPT	62339	DAMANHÛR	270	9	15	02	0	0	—	5.6	32	56	22	270	5	15	02	0	0	—	5.8	26	74	21	0
	62342	MANSÛRA	320	4	35	00	1	0	—	4.6	34	41	19	20	5		00	0	0	—	5.4	27	70	21	0
	62348	TANTA	220	5	35	02	1	0	—	3.9	35	37	18	00	8	35	02	0	0	—	5.3	27	55	17	0
	62354	ZAGAZIG	220	5	15	00	1	0	—	4.7	33	50	21	320	5		00	0	0	—	4.8	28	79	24	0
	62441	ISMAʻILIA	290	2	35	02	0	0	—	5.1	35	23	11	20	5	15	02	0	0	—	5.0	26	70	20	0
CAIRO AREA	62366	FAROUK (Airport)																							
	62372	ALMÂZA																							
		EZBEKÎYA	340	2	35	00	0	0	—	4.0	34	30	14	340	3	15	00	0	0	—	4.4	30	49	18	0
		GÎZA	340	2	35	00	0	0	—	5.9	36	39	19	340	3	15	00	0	0	—	5.5	29	49	17	0
	62378	HELWÂN	250	8	15	02	0	0	—	4.2	34	27	12	340	3	15	02	0	0	—	4.2	32	28	11	0
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0	—	5.3	34	32	15	00	0	35	02	0	0	—	3.8	31	49	19	0
	62387	MINYA	320	9	12	00	0	0	—	4.4	36	18	6	00	0	12	00	0	0	—	4.0	30	40	15	0
	62393	ASYÛT MANQABÂD	320	5	30	00	0	0	—	4.9	34	27	12												
	62399	NAGʻ HAMMÂDI	340	2	7	00	0	0	—	3.8	36	29	15	00	0		00	0	0	—	3.9	26	55	16	0
	62402	QENA	290	5	50	00	0	0	—	3.8	39	21	13	270	2	7	00	0	0	—	4.0	30	31	11	0
	62405	LUXOR												320	5	12	00	0	0	—	2.7	33	17	5	0
	62414	ASWÂN	270	10	50	00	0	0	—	3.5	40	17	11	320	4	50	00	0	0	—	3.4	35	19	8	0
OASES	62417	SÎWA	320	5	35	00	0	0	—	8.7	37			00	0	7	00	0	0	—	7.2	34	74	29	0
	62420	BAHARÎYA	320	3	35	02	0	0	—	5.6	36	20	10	00	0	15	02	0	0	—	5.5	33	30	13	0
	62423	FARAFRA																							
	62432	DAKHLA	320	6	50	00	0	0	—	5.2	38	16	8	320	2	35	00	0	0	—		35	15	5	0
	62435	KHARGA	00	0	35	00	0	0	—	4.7	39	21	13	00	0	15	00	0	0	—	5.0	33	24	10	0
RED SEA	62450	SUEZ	00	0	35	02	0	0	—	3.2	34	47	21	00	0	15	02	0	0	—	3.1	33	34	15	0
	62459	TÛR	310	9	35	00	0	0	—	4.2	33	50	21	310	8	15	00	0	0	—	4.2	28	70	22	0
	62462	HURGHÂDA	10	10		00	0	0	—	3.1	31	62	23	140	4		00	0	0	—		30	62	22	0
	62465	QUSEIR	20	5	15	02	0	0	—	4.2	31	66	24	140	5	15	02	0	0	—	4.0	29	64	26	0
	62641	PORT SÛDÂN																							
NORTH SUDAN	62600	WÂDI HALFA	360	7	30	00	0	0	—	3.6	40	14	8												
	62640	ABU HAMAD	200	5	30	03	1	7	Cu	2.2	38	29	17												
	62660	KAREIMA	250	9	30	01	0	4	Cu	2.4	40	23	15												
	62680	ATBARA	230	9	30	03	1	4	Cu, Ac	3.9	37	31	17												
	62721	KHARTÛM	190	15	30	03	1	3	Cu	4.9	34	36	17												
	62730	KASSALA	180	5	30	02	1	4	Cu	5.7	32	34	14												
CENTRAL SUDAN	62757	WÂD MEDANI																							
	62801	RENK																							
	62802	ROSEIRES	230	2	35	02	1	2	Cb,Ci,Ac	8.2	26	79	22												
	62771	EL OBEID	240	8	30	02	2	8	Cu, Ac	6.5	30	55	20												
	62760	EL FÂSHER																							
	62770	GENEINA																							
S. SUDAN	62840	MALAKÂL	230	5	30	02	6	8	Sc, Ac	9.7	27	70	21												
	62880	WÂU	60	0	30			8	Sc,	9.1	23	89	21												
	62941	JUBA	30	2	30	03	2	7	Sc, Ac	9.3	29	62	21												

AREA	INDEX NUMBER	STATION	At 0600 on Saturday 6th August, WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL mms. Total From Oct. 1st.	RAINFALL mms. Normal From Oct. 1st.	STATION
MEDITERRANEAN	62300	SALUM	320	2	7	32	0	0	—	6.6		27	30 ?		23		70	21	0			SALUM
	62303	SÎDI BARÂNI	250	5	35	02	2	8	Cs	7.0		26	28		21		74	21	0	278		SÎDI BARÂNI
	62306	MATRÛH	350	2	15	00	0	0	—	6.5		26	30		20		74	21	0			MATRÛH
	62309	EL DABʻA	320	5	35	00	0	0	—	6.3		26			21		74	21	0			EL DABʻA
		ALEXANDRIA	270	6	50	03	2		Sc,Ac	6.0	-3.7	26			23	0	74	21	0	267	186	ALEXANDRIA
	62316	FOUAD (Airport)	270	3	14	02	1	3	Sc	5.6		27	31		20		74	22	0	265	138	FOUAD (Airport)
	62330	DAMIETTA	250	2	0.1	49	4	0	—	6.3	-2.3	23	33		18		100	23	0	319	106	DAMIETTA
	62333	PORT SAʻID	270	5	14	01	0	1	Sc	5.5		26	34		24		84	23	0	72		PORT SAʻID
	62336	EL ʻARISH	00	0	35	02	0	0	—	6.8	-2.0	28	30	-1	17	-4	52	17	0		94	EL ʻARISH
LOWER EGYPT	62339	DAMANHÛR	310	5	7	02	0	0	—	6.4	-2.7	25	33	0	18	-2	64	22	0	102	101	DAMANHÛR
	62342	MANSÛRA	320	5	35	00	0	0	—	6.0	-2.9	25	36	+1	21	0	74	20	0	49	55	MANSÛRA
	62348	TANTA	00	0	35	02	0	0	—	6.6	-3.0	24	35	0	18	-2	64	21	0	34	44	TANTA
	62354	ZAGAZIG	220	5	3	02	2	9	—	6.0	-3.5	23	36	+1	20	0	45	23	0	21	27	ZAGAZIG
	62441	ISMAʻILIA	320	2	7	02	0	0	—	5.6		27	37		22		79	23	0	14		ISMAʻILIA
CAIRO AREA	62366	FAROUK (Airport)																				FAROUK (Airport)
	62372	ALMÂZA																				ALMÂZA
		EZBEKÎYA	340	5	15	00	0	3	Sc	6.0	-3.1	25	36	+1	23	+1	84	22	0	8	26	EZBEKÎYA
		GÎZA	340	5	15	00	0	3	Sc	6.3	-2.7	25	37	+2	22	+2	82	22	0	16	27	GÎZA
	62378	HELWÂN	320	5	7	06	0	0	—	5.5	-3.7	25	35	0	22	+1	74	20	0	16	29	HELWÂN
UPPER EGYPT	62381	FAIYÛM	330	2	35	02	0	0	—	6.0	-3.4	27	36	0	22	+1	70	21	0	8	6	FAIYÛM
	62387	MINYA	20	9	10	00	0	0	—	5.7		26	38		19		70	20	0	5		MINYA
	62393	ASYÛT MANQABÂD	270	4	30	00	0	0	—	5.9		28			23		58	19	0	dr.		ASYÛT MANQABÂD
	62399	NAGʻ HAMMÂDI	00	0	3	00	0	0	—	6.9	-0.2	27	38		18		42	13	0	0		NAGʻ HAMMÂDI
	62402	QENA	270	2	35	00	0	0	—	5.6	-1.4	28	40	0	21	-3	40	13	0	dr.		QENA
	62405	LUXOR	00	0	50	00	0	0	—	5.7		32	40		20		24	9	0	dr.		LUXOR
	62414	ASWÂN	00	0	50	00	0	0	—	5.4	-1.6	32	41	0	25	-1	28	11	0	2		ASWÂN
OASES	62417	SÎWA	320	3	35	00	0	0	—	7.0	-2.8	26	40	+2	22	+1	55	16	0	1	6	SÎWA
	62420	BAHARÎYA	360	4	35	02	0	0	—	6.8	-3.3	26	38	+1	20	0	62	18	0	dr.	7	BAHARÎYA
	62423	FARAFRA																		dr.		FARAFRA
	62432	DAKHLA	320	6	35	00	0	0	—	6.0	-2.7	29	39	0	20	-3	23	6	0	dr.		DAKHLA
	62435	KHARGA	00	0	35	00	0	0	—	6.3	-1.8	30	39	-1	22	-1	35	13	0	0		KHARGA
RED SEA	62450	SUEZ	00	0	35	00	0	0	—	4.6	-3.7	29	38	+2	23	0	66	22	0	12	17	SUEZ
	62459	TÛR	20	3	35	00	0	0	—	4.0	-2.1	23	35	+1	21	-4	61	15	0	dr.	13	TÛR
	62462	HURGHÂDA	350	5		00	0	0	—	3.7		29	34		23		66	22	0	7		HURGHADA
	62465	QUSEIR	330	5	15	02	0	0	—	4.7	-1.5	27	34	0	25	-2			0	0	4	QUSEIR
	62641	PORT SÛDÂN	00	0	30	02	2	5	Ac, Ci	5.0		37	42		29		40	21	dr	40	102	PORT SÛDÂN
NORTH SUDAN	62600	WÂDI HALFA	00	0	30	02	0	2	Ci,Cs	6.0		31	41		24		26	9	0	27		WÂDI HALFA
	62640	ABU HAMAD	160	1	30	01	1	2	Ci	5.8		30	40		26		55	20	0.6			ABU HAMAD
	62660	KAREIMA	200	7	30	00	0	2	Cs	5.9		31	41		27		52	20	0	16	13	KAREIMA
	62680	ATBARA	180	5	30	02	1	3	Sc, Ci	7.3		29	38		26		62	21	dr.	19	32	ʻATBARA
	62721	KHARTÛM	200	18	30	03	1	4	Ac	8.0		28	35		26		66	21	0	20	80	KHARTÛM
	62730	KASSALA	180	4	7	63	6	8	Cb	12.6		21	36		20		94	20	93	222	166	KASSALA
CENTRAL SUDAN	62757	WÂD MEDANI	200	13	35	01	1	4	Ci	8.4		20	35		20		95	20	0	148	220	WÂD MEDANI
	62801	RENK																			315	RENK
	62802	ROSEIRES	230	2	35	00	0	0	—	10.8		25	31		21		79	21	0	326	467	ROSEIRES
	62771	EL OBEID	200	11	30	02	2	7	Cu, Ac	9.7		24	31		22		84	21	0.2	179	190	EL OBEID
	62760	EL FÂSHER	300	6	30	02	0	7	Ci			25	34		22		65	18	0	86	163	EL FÂSHER
	62770	GENEINA	250	4	30	02	2	7	Cu, Ac			21	29		19		94	20	11		274	GENEINA
S. SUDAN	62840	MALAKÂL	200	3	35	02	2	7	Ac	12.3		23	28		20		94	22	12	761	541	MALAKÂL
	62880	WÂU	150	5	30	60	6	8	Cb,Cc	11.8		21	25				94	20	34	746	764	WÂU
	62941	JUBA	160	2	30	02	6	8	Sc,Ac	13.2		23	29		21		89	21	dr.	547	750	JUBA

HUMIDITY % Mean of day

STATION	On 5th	Diff. from normal
Alexandria	71	- 3
Ezbekiya	63	+ 3
Giza	53	- 9
Helwân	53	+ 3

GÎZA GRASS MINIMUM TEMP. ON 6th 15.6 °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 5th Aug.

STATION	Port Said				Minya				Kharga				Harghada				Matruh							
TIME	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	320	10			10	17			20	6			20	10			310	16						
600	300	11			10	14			10	10			350	12			310	19						
1000	290	9			350	13			360	12			350	14			320	13						
1500	320	4			310	26			340	16			310	9			350	25						
2000	160	3			310	24							280	16										
3000	150	5			290	19							270	21										
4000													310	13										
5000													300	13										
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 6th Aug.

STATION	SÎDI BARÂNI		MATRÛH		EGYPT AIRPORT		PORT SAʻID		EL ʻARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		
TIME	9		3 30		3		9				10		3		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	320	19	340	10	330	7	300	4			290	15	360	13	310	5			350	4	30	10		
600	340	21	20	20	140	3	250	3			300	28	280	4	270	15			10	12	10	13		
1000	350	21	350	16	40	4	40	1			50	9	280	8	280	15			20	14	10	10		
1500	340	27	340	5	50	16	90	9			130	22	310	17	310	18			330	10	270	13		
2000	340	29													310	17			250	11	260	12		
3000																					230	30		
4000																					250	19		
5000																					270	13		
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABU HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7		4												4 15		4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	300	9	330	30	300	3	360	2	40	7														
600	290	11	330	43	310	2	360	5	50	18														
1000	290	16	330	29	280	3	360	8	20	12											290	8	210	15
1500	300	18	340	33	320	10	360	10	340	10											280	15	230	17
2000	300	13	320	16			350	10	310	5														
3000	280	16							220	8													280	13
4000	310	16																						
5000	300	22																						
6000	350	11																						
7000	10	11																						
8000																								

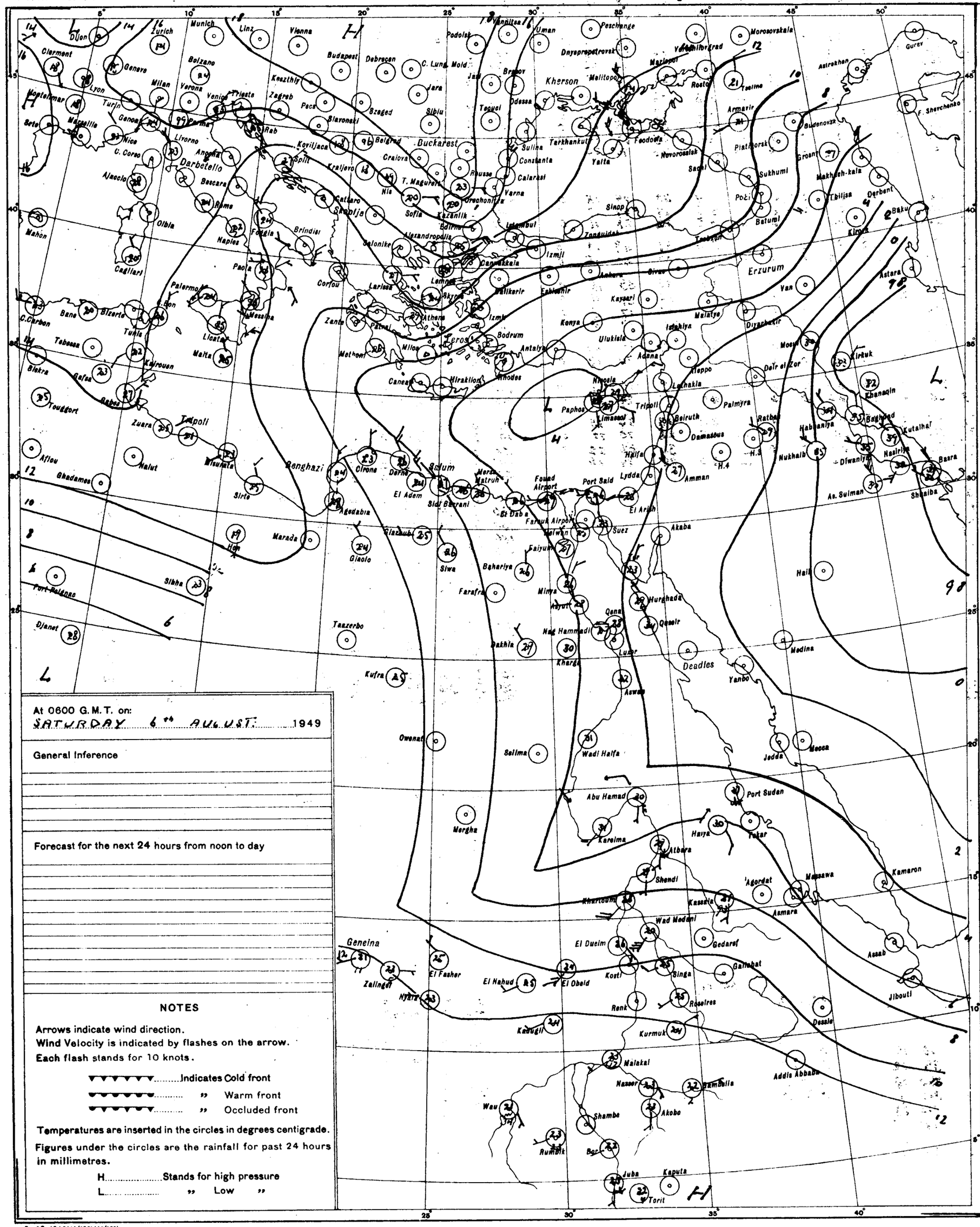
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

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

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 6th 8 1949



At 0600 G.M.T. on:
SATURDAY 6th AUGUST 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	(R)
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	'
	Rain	21	•
	Showers of rain	25	•
	,, ,, hail	27	•
	Fog	28	=
	Thunderstorm	29	R
Duststorm or Sandstorm		31	≋
Fog		45	=
Drizzle		50	'
Rain		60	•
Showers of rain		80	•
,, ,, hail		87	•
Rain / Hail	Thunderstorm during the past hour	91	R•
		93	R△
Thunderstorm with rain		95	R•
,, ,, hail		96	R•
,, ,, Sandstorm		98	R≋

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

Cloudless	—	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 03 17 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: Sunday 7th August, 1949

At 1200 on Sat. 6th Aug.

Station	Wind Direction	Velocity in knots	Visibility in km	Present weather	Past weather	Cloud amount 0-8	Form	Bar. pressure M.S.L. mbs	Temperature °C	Humidity %	Dew point °C
SALUM	360	6	7	02	0	0	—	6.7	29	59	20
SIDI BARANI	360	5	35	02	2	8	Cs	7.8	28	79	24
MATRUH	20	5	18	00	1	0	—	7.0	28	66	21
EL DABA	320	6	35	00	0	0	—	6.0	28	70	22
ALEXANDRIA	270	10	50	00	0	0	—	5.8	28	70	22
FOUAD (Airport)	340	6	16	02	0	0	—	5.9	30	59	21
DAMIETTA	340	5	15	00	0	0	—	6.0	30	66	23
PORT SAID	10	8	30	02	0	0	—	5.2	30	68	23
EL ARISH	360	5	35	02	0	0	—	5.0	29	70	23
DAMANHUR	310	9	15	02	0	0	—	5.5	34	41	19
MANSURA	40	5	35	00	0	0	—	4.3	35	32	16
TANTA	360	5	35	02	0	0	—	5.5	36	29	15
ZAGAZIG	320	5	15	00	1	0	—	5.9	34	41	19
ISMAILIA	200	2	35	02	0	0	—	4.4	37	27	15
EZBEKIYA	360	1	35	00	●	●	—	5.0	34	39	18
GIZA	360	1	35	00	0	0	—	5.4	35	39	17
HELWAN	290	6	15	02	0	2	Cb	4.2	34	36	17
FAIYUM	330	5	35	02	0	0	—	4.7	34	27	12
MINYA	350	10	12	00	0	0	—	4.8	37	19	10
ASYUT	320	6	30	00	0	0	—	4.6	36	20	10
NAG HAMMADI	00	0	7	00	0	0	—	3.4	38	27	16
QENA	240	5	50	00	0	0	—	3.9	40	23	15
ASWAN	250	6	50	00	0	0	—	4.7	39	17	10
BAHARIYA	360	4	35	02	0	0	—	5.1	38	19	11
DAKHLA	320	2	50	00	0	0	—	4.3	38	13	5
KHARGA	20	2	35	00	0	0	—	4.8	39	24	15
SUEZ	00	0	35	02	0	0	—	3.0	36	29	15
TOR	310	2	35	00	0	0	—	3.1	36	25	13
HURGHADA	60	8		00	0	0	—	2.7?	32?	70	26
QUSEIR	90	5	15	02	0	0	—	4.6?	31?	70	25

At 1800 on Sat 6th Aug.

Station	Wind Direction	Velocity in knots	Visibility in km	Present weather	Past weather	Cloud amount 0-8	Form	Bar. pressure M.S.L. mbs	Temperature °C	Humidity %	Dew point °C	Rain past 12 hrs mms
SALUM	360	1	7	03	1	2	Ci	10.0	28	58	19	0
SIDI BARANI	00	0	35	02	2	8	Cs	7.8	25	84	22	0
EL DABA	320	4	15	00	0	0	—	5.5	27	70	21	0
ALEXANDRIA	320	5	7	00	0	0	—	6.0	26	74	21	0
FOUAD (Airport)	340	5	12	00	0	0	—	6.0	25	74	20	0
DAMIETTA	320	2		02	0	0	—	6.2	26	84	23	0
PORT SAID	10	11	18	02	0	0	—	5.4	27	74	22	0
EL ARISH	40	5	15	02	0	0	—	6.0	26	74	21	0
DAMANHUR	360	9	15	02	0	0	—	6.3	26	74	21	0
MANSURA	360	5		00	0	0	—	6.2	27	70	21	0
TANTA	00	0	35	02	0	0	—	5.6	27	62	19	0
ZAGAZIG	320	5		00	0	0	—	4.0	28	70	22	0
ISMAILIA	20	2	15	02	0	0	—	5.3	29	52	18	0
EZBEKIYA	360	3	15	00	0	0	—	5.2	29	49	17	0
GIZA	360	3	15	00	0	0	—	5.1	30	40	15	0
HELWAN	360	8	15	02	0	0	—	5.1	32	24	9	0
FAIYUM	00	0	35	02	0	0	—	4.3	31	31	12	0
MINYA	00	0	10	00	0	0	—	4.7	28	42	14	0
NAG HAMMADI	00	0		00	0	0	—	3.6	30	46	17	0
QENA	270	2	7	00	0	0	—	4.3	33	24	10	0
LUXOR	340	6	12	00	0	0	—	3.8	34	18	6	0
ASWAN	200	2	50	00	0	0	—	3.9	35	18	7	0
SIWA	00	0	7	00	0	0	—	6.7	29	52	18	0
BAHARIYA	00	0	15	02	0	0	—	5.4	32	34	14	0
DAKHLA	320	2	35	00	0	0	—	5.3	35	15	5	0
KHARGA	00	0	15	00	0	0	—	5.0	35	29	14	0
SUEZ	00	0	15	02	0	0	—	3.8	31	43	17	0
TOR	180	7	15	00	0	0	—	4.2	29	66	22	0
HURGHADA	170	10		00	0	0	—	4.0	30	59	21	0
QUSEIR	110	5	15	02	0	0	—	4.7	29	79	25	0

At 0600 on Sunday 7th August,

Station	Wind Direction	Velocity in knots	Visibility in km	Present weather	Past weather	Cloud amount 0-8	Form	Bar. M.S.L. mbs	Diff. from normal mbs	Dry bulb	Max. yesterday	Diff. from normal	Min. today	Diff. from normal	Humidity %	Dew point °C	Rain past 24 hrs	Total from Oct. 1st	Normal from Oct. 1st
SALUM	90	2	7	03	1	3	Ci	8.0		30	30		20		52	19	0		
SIDI BARANI	220	1	35	02	2	0	Cu, Cs	8.8		27	30		20		79	23	0	278	
MATRUH	50	3	15	00	0	0	—	8.4		26			22		79	21	0		
EL DABA	40	3	35	01	1	4	Ac	7.9		28			22		70	22	0		
ALEXANDRIA	310	9	50	01	1		Sc, Ac	8.4	-1.4	26	29	-1	23	0	74	21	0	267	186
FOUAD (Airport)	310	3	15	02	1	0	—	7.3		26	31		21		74	21	0	265	138
DAMIETTA	220	2	3	11	1	4	Ac	7.8	-0.9	25	34		18		84	22	0	319	106
PORT SAID	270	6	18	02	0	0	—	7.3		27	31		25		70	21	0	72	
EL ARISH	140	2	35	02	0	0	—	7.0	-1.8	27	30	-1	19	-2	62	19	0		94
DAMANHUR	310	5	7	03	1	7	Ac	7.6	-1.5	25	35	+2	20	0	74	24	0	102	101
MANSURA	270	5	35	00	0	0	—	7.9?	-1.0	26	37	+2	20	-1	74	21	0	41	55
TANTA	22	2	35	03	2	8	Ac	8.4?	-1.2	23	36	+1	16	-4	95	23	0	34	44
ZAGAZIG	320	2	7	00	0	0	—	7.8	-1.7	27	35	0	19	-1	79	23	0	21	27
ISMAILIA	320	2	7	02	0	0	—	7.2		28	37		21		62	20	0	14	
EZBEKIYA	340	3	15	00	0	0	—	8.0?	-1.2	26	35	0	22	0	74	21	0	8	26
GIZA	340	3	15	00	0	0	—	8.3?	-0.8	26	35	0	20	0	73	21	0	16	27
HELWAN	340	2	7	06	0	0	—	7.5	-1.7	26	37	+2	22	+1	55	16	0	16	29
FAIYUM	00	0	35	02	0	0	—	7.6	-1.8	27	36	0	22	+1	62	19	0	8	8
MINYA	00	0	10	00	0	0	—	7.1		27	38		19		45	14	0	5	
ASYUT	00	0	30	00	0	0		7.4		30			22		27	9	0	dr.	
NAG HAMMADI	00	0	3	00	0	0	—	7.1	0.0	29	37		19		46	16	0	6	
QENA	270	2	35	00	0	0	—	7.0	0.0	27	41	+1	21	-3	42	13	0	dr.	
LUXOR											40							dr.	
ASWAN	00	0	50	00	0	0	—	6.6	-0.4	32	41	0	27	+1	38	16	0	2	
SIWA	00	0	35	00	0	0	—	8.2	-3.6	29	39	+1	22	+1	59	20	0	1	8
BAHARIYA	360	2	35	02	0	0	—	7.1	-3.1	31	39	+2	22	+2	43	17	0	dr.	7
FARAFRA																		dr.	
DAKHLA	90	2	35	00	0	0	—	7.9	-0.8	29	40	+1	20	-3	23	6	0	dr.	
KHARGA	00	0	35	00	0	0	—	7.2	-1.0	30	40	0	22	-1	35	13	0	0	
SUEZ	00	0	35	00	0	0	—	6.0	-2.3	28	38	+2	22	-1	58	19	0	12	17
TOR	20	5	35	00	0	0	—	5.3	-0.8	27	38	+4	21	-4	52	16	0	dr.	13
HURGHADA	330	16		00	0	0	—	5.3		28	34		24		66	21	0	7	
QUSEIR	360	5	15	02	0	0	—	5.9	-0.3	32	36	+2	25	-2	52	21	0	0	4
PORT SUDAN	20	1	30	01	1	3	Cu, Ac	5.0		34	41		28		33	23	21	61	102
WADI HALFA	00	0	30	00	0	0	—	6.1		31	42		23		21	6	0	27	
ABU HAMAD	180	2	30	03	0	4		6.7		31	41		28		55	21	dr		
KAREIMA	200	10	30	02	1	8	Cs	6.6		30	40		27		59	21	0	10	13
ATBARA	230	5	30	02	2	6	Ac	8.3		28	37		25		70	22		19	33
KHARTUM	180	21	30	03	1	7	Ac	8.1		29	37		26		59	20	dr.	20	83
KASSALA	180	5	30	02	1	7	Ac	10.4		26	30		22		70	20	2	224	170
WAD MEDANI	180	19	50	01	1	3	Cc	9.6		27	36		22		66	20	0	148	226
RENK																			320
ROSEIRES	230	2	3	02	2	8	Cu, Sc	10.4			31		22			17	1	327	474
EL OBEID	200	17	30	02	0	2	Ac	9.0		25	32		23		79	21	0	179	194
EL FASHER																	12	98	167
GENEINA																			301
MALAKAL																	0	761	547
WAU	120	13	30	60	2	8	Cb	11.8		22	29				94	21	34	749	771
JUBA	180	5	10	03	2	8	St	13.8		23	29		20		89	21	0.2	547	754

Humidity % Mean of day

Station	6th	Diff. from normal
Alexandria	74	0
Ezbekiya	62	+2
Giza	56	-6
Helwan	49	-1

GIZA
Grass minimum temp on 7th Aug. 15.2°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					

UPPER WIND OBSERVATIONS on 6th Aug.

Station	Foad A.P.		Port Said		Hurghada		Matruh		Minya	
Time	15		15		15		15		15	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	330	16	350	11	110	10	350	15	20	16
600	320	6	330	4	120	7	10	16	360	16
1000	340	10	360	2	60	4	320	10	340	17
1500	20	7	50	8	230	2	320	12	310	23
2000	10	10	40	3	270	16	10	12	320	26
3000	10	9	350	7			20	14	280	30
4000	360	16					50	12		
5000										
6000										
7000										
8000										

UPPER WIND OBSERVATIONS on 7th Aug.

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Minya		Assiut Manqabad		Luxor		Aswan		Hurghada	
Time	9		6 45				3				9 15		3		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.
300	50	4	30	10			320	3			310	13	100	6	00	0			60	3	60	11
600	90	4	30	13			320	8			310	22	50	9	10	4			40	18	50	10
1000	60	3	50	8			330	9			50	6	20	10	340	6			10	22	330	7
1500	300	1	90	6			360	8			50	6	340	12	310	9					240	6
2000	130	2	80	19			20	9			60	9	310	16	300	14					280	7
3000	30	4	70	7			340	5					310	10	270	8					180	13
4000	120	3					360	9														
5000	140	6																				
6000																						
7000																						
8000																						

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	9		9		9		7																	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	90	6	300		230	2	60	2																
600	110	6	300		270	3	100	6																
1000	110	6	310		270	3	50	9																
1500	230	3					330	11																
2000	150	3																						
3000	50	3																						
4000	140	8																						
5000																								
6000																								
7000																								
8000																								

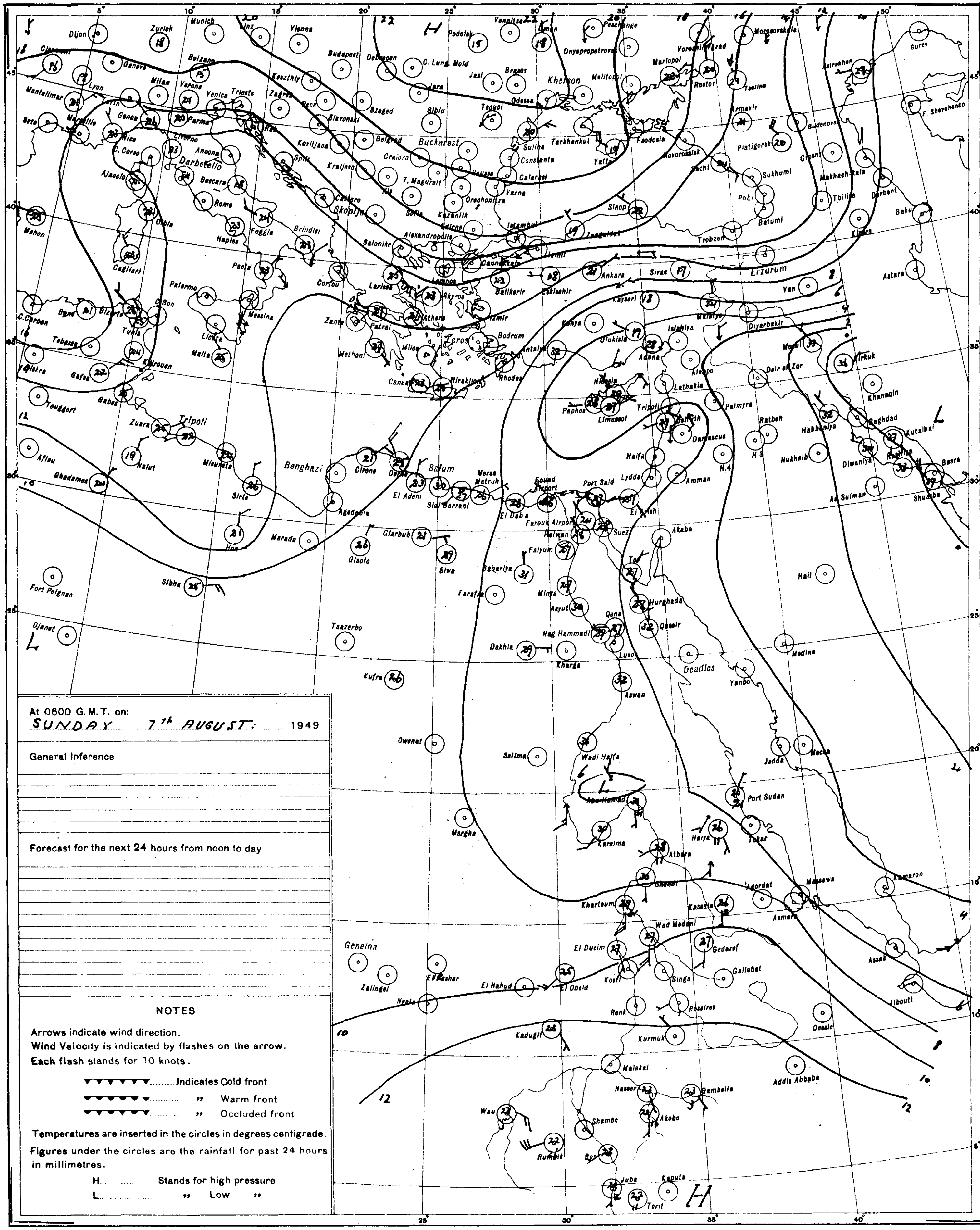
Remarks:
1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 7th : 8 1949



SCALE 1:15,000,000

At 0600 G.M.T. on:
SUNDAY 7th AUGUST: 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 ,,

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

		Code
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

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

CAIRO
Time of Sunrise 03 18 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: Monday 8th August, 1949

At 1200 on Sun. 7th Aug. / At 1800 on Sun. 7th Aug.

Station	1200 Wind Dir.	Vel.	Visibility	Present Weather	Past Weather	Cloud Amount	Form	Bar. M.S.L.	Temp.	Humidity	Dew Point	1800 Wind Dir.	Vel.	Visibility	Present Weather	Past Weather	Cloud Amount	Form	Bar. M.S.L.	Temp.	Humidity	Dew Point	Rain past 12 hrs
Salum	40	8	7	02	0	0	—	8.7	29	70	23	40	6	7	02	0	0	—	8.6	26	84	23	0
Sidi Barrani	20	7	35	02	2	8	cs	9.0	28	70	22	70	6	35	02	2	8	cs	9.4	26	84	23	0
Matruh	60	6	17	00	0	0	—	8.7	28	62	20	40	4	7	03	1	2	sc	8.8	25	84	22	0
El Daba	320	5	35	00	0	0	—	9.1	28	79	24	320	4	15	00	0	0	—	7.5	26	74	21	0
Alexandria	360	10	50	00	0	0	—	7.4	27	79	23	360	6	7	00	0	0	—	7.8	25	84	22	0
Alexandria (2)	330	13	14	02	0	0	—	7.5	30	62	22	10	9	14	02	0	3	—	7.7	25	84	22	0
Damietta	340	2	15	00	0	0	—	7.6	30	66	23	320	2		02	0	0	—	7.9	26	84	23	0
Port Said												350	10	18	03	0	2	sc	7.2	26	89	24	0
El Arish	340	9	35	02	0	0	—	7.4	29	66	22	20	2	15	02	0	0	—		28	79	24	0
Damanhur	310	9	15	02	0	0	—	6.6	34	47	21	320	9	15	02	0	3	—	8.2	25	94	24	0
Mansura	320	5	25	00	0	0	—	7.2	36	29	15	360	5		00	3	0	—	7.8	27	70	21	0
Tanta	00	0	35	02	0	0	—	7.6	37	27	15	00	0	35	02	0	0	—	6.4	26	74	21	0
Zagazig	320	5	15	00	0	0	—	7.9	36	37	19	320	5		00	0	0	—	7.1	28	70	22	0
Ismailia	20	9	35	01	1	2	Sc	6.3	38	16	8	360	5	15	02	0	3	—	7.1	29	66	20	3
Ezbekiya	340	4	35	00	0	0	—	6.7	36	20	10	360	3	15	00	0	0	—	7.5	29	55	19	0
Giza	340	4	35	00	0	0	—	7.4	35	24	11	360	3	15	00	0	0	—	7.9	30	50	18	0
Helwan	290	11	35	02	0	0	—	6.0	36	17	7	340	11	35	02	0	0	—	6.0	33	24	10	0
Fayum	330	5	35	02	0	0	—	6.2	37	27	15	00	0	35	02	0	0	—	5.6	30	46	17	0
Minya	00	0	12	00	0	0	—	6.4	37	31	17	00	0	10	00	3	0	—	5.7	30	40	16	0
Asyut	00	0	30	00	0	0	—	6.2	38	16	8												
Nag Hammadi	270	3	7	00	0	0	—	5.6	37	31	17	00	0		00	0	0	—	5.5	27	55	17	0
Qena	240	5	60	00	0	0	—	4.8	40	19	12	240	3	7	00	0	0	—	5.3	32	29	12	0
Aswan	00	0	60	00	0	0	—	5.3	40	16	10	320	5	50	00	0	0	—	4.6	37	16	7	0
Siwa	00	0	35	00	0	0	—	6.3	38	50	26	00	0	7	00	0	0	—	6.8	32	49	20	0
Bahariya	90	3	35	02	0	0	—	5.6	38	24	14	00	0	15	02	0	0	—	5.9	33	34	15	0
Dakhla	00	0	50	00	0	0	—	5.9	39	14	7	320	2	35	00	0	0	—	5.1	34	18	6	0
Kharga	00	0	35	00	0	0	—	5.8	39	24	15	00	0	15	00	0	0	—	5.6	35	29	14	0
Suez	00	0	35	02	0	0	—	5.1	37	22	12	00	0	15	02	0	0	—	6.0	31	43	17	0
Tor	270	6	35	00	0	0	—	5.3	31	66	24	180	4	15	00	0	0	—	5.5	29	66	22	0
Hurghada	60	3		00	0	0	—	4.4	32	63	24	00	0		00	0	0	—	4.4?	29	70	23	0
Quseir	90	5	15	02	0	0	—	5.0	31	79	27	40	5	15	02	0	0	—	5.0?	30	79	26	0

At 0600 on Monday 8th August,

Station	Wind Dir.	Vel.	Visibility	Present Weather	Past Weather	Cloud Amount	Form	Bar. M.S.L.	Change	Dry Bulb	Max.	Dep.	Min.	Dep.	Humidity	Dew Point	Rain	Rainfall	Normal
Salum	90	3	7	02	0	0	—	10.0		26	31		19		84	23	0		
Sidi Barrani	110	5	35	02	2	8	cs	10.4		26	28		20		84	23	0	278	
Matruh	60	2	18	03	1	2	cu	10.2?		27	29		21		70	21	0		
El Daba	320	3	35	01	1	2		11.0?		27			21		79	23	0		
Alexandria	360	5	50	00	0	0	—	10.0	+0.2	26	29	-1	23	-1	84	23	0	267	186
Alexandria (2)	360	5	18	00	0	0	—	9.6		28	31		20		70	22	0	265	138
Damietta	220	2	3	00	1	0	—	9.5	+0.8	26	34		19		84	23	0	319	106
Port Said	260	4	14	03	0	6	Sc	9.3		27	32		24		84	24	0	72	
El Arish	220	2	35	02	0	0	—	9.3	+0.5	28	30	-1	19	-2	58	19	0		94
Damanhur	40	5	7	01	1	4	as	9.6	+0.2	26	35	+3	21	+1	84	23	0	102	101
Mansura	340	5	35	00	0	0	—	9.5	+0.5	26	37	+2	20	-1	84	23	0	49	55
Tanta	310	2	35	01	1	4	cu	10.3	+0.7	24	37	+2	17	-3	94	23	0	34	44
Zagazig	220	5		02	2	8	as	11.2	+1.6	27	38	+3	21	+1	70	21	0	21	27
Ismailia	340	2	7	02	0	0	—	9.1		28	39		23		70	22	0	14	
Ezbekiya	340	2	7	00	4	0	—	10.0	+0.8	25	36	+1	22	0	84	22	0	8	26
Giza	340	2	7	00	4	0	—	10.2	+1.0	26	37	+2	20	0	80	22	0	16	27
Helwan	00	0	7	06	0	0	—	9.4	+0.2	27	37	+2	22	+1	37	11	0	16	29
Fayum	20	2	35	02	0	0	—	9.1	-0.4	28	38	+2	22	+1	58	19	0	8	8
Minya	10	4	10	00	0	0	—	8.6		27	38		19		55	17	0	5	
Asyut	00	0	30	00	0	0	—	8.5		30			22		22	6	0	dr	
Nag Hammadi	00	0		00	0	0	—	8.3	+1.1	30	39		19		46	17	0	0	
Qena	270	2	35	00	0	0	—	8.4	+1.3	30	41	+5	24	0	33	12	0	dr.	
Luxor																		dr.	
Aswan	00	0	50	00	0	0	—	7.9	+0.9	32	42	+1	26	0	34	14	0	2	
Siwa	00	0	35	00	0	0	—	10.0	-1.8	29	41	+3	23	+3	59	20	0	1	8
Bahariya	90	3	35	02	0	0	—	8.3	-1.9	31	40	+3	22	+2	28	10	0	dr.	7
Farafra																		dr.	
Dakhla	00	0	35	00	0	0	—	7.5	-1.3	29	41	+2	20	-3	29	9	0	dr.	
Kharga	00	0	35	00	0	0	—	7.8	-0.4	31	41	+1	23	0	38	15	0	0	
Suez	00	0	35	00	0	0	—	8.4	0.0	30	38	+2	22	-1	52	19	0	12	17
Tor	40	2	35	00	0	0	—	7.1	+0.9	27	32	-2	23	-2	55	17	0	dr.	13
Hurghada	340	15		00	0	0	—	7.5		30	34		22		49	18	0	7	
Quseir	320	5	15	02	0	0	—	7.8	+1.6	32	33	-1	27	0	49	20	0	0	4
Port Sudan	360	2	30	03	2	7	sc,ac	6.2		35	39		22		56	25	dr.	61	102
Wadi Halfa																		27	
Abu Hamad	180	1	30	01	2	4	ac	8.3		31	39		28		49	19	0.4		
Kareima	200	6	30	01	2	6	ac	9.2		30					62	22	dr.	10	14
Atbara	230	5	30	02	2	8	ac	8.5		28	37		25		74	23	7	26	34
Khartoum	160	5	30	02	2	7	ac	9.7		29	37		25		62	21	0	20	86
Kassala	230	2	30	03	6	8	st,ac	12.5		25	33		21		84	22	5	229	175
Wad Medani	200	9	50	02	1	6	cs	9.6		27	36		24		66	20	0	148	232
Renk																			324
Roseires																	0	327	481
El Obeid	220	11	30	02	2	6	cu,ac	10.6		26	32		24		70	20	0	179	198
El Fasher	130	8	30	02	1	7	Sc.			24	32		22		74	19	0	78	172
Geneina	210	6	30	00	2	8	Sc.			20	32		19		88	18	8		309
Malakal	200	2	30	03	2	7	ac	12.1		24	29		23		94	23	1	762	553
Wau	00	0	30	01	1	3	ac	12.0		23	27				89	21	dr.	749	778
Juba	180	5	30	02	6	8	Sc	13.4		22	31		21		94	21	3	650	757

Station	7th	
Alexandria	78	+4
Ezbekiya	60	0
Giza	57	-5
Helwan	35	-15

GIZA GRASS MINIMUM TEMP. on 8th Aug. 13.2

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — Radiosonde — Airport

UPPER WIND OBSERVATIONS on 7th Aug.

Station	Port Said		Nuiga		Hurghada		Fuad A.P.	
Time	15		15		15		15	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	320	12	10	10	140	12	330	16
600	360	3	10	14	120	21	310	13
1000	260	9	20	15	50	6	290	10
1500	330	3	20	17	360	14	280	4
2000			360	16	320	5	360	4
3000					270	21	20	11
4000					270	26	30	18
5000					300	10	290	10
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 8th Aug.

Station	Sidi Barrani		Matruh		Fuad Airport		Port Said		El Arish		Helwan		Minya		Nag Hammadi		Luxor		Aswan		Hurghada	
Time	9		4		3		3				9	15	3		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.
300	90	15	360	10	340	5	340	3			330	15	20	12	00	0					350	15
600	80	13	20	13	360	3	340	8			340	15	40	16	360	9			50	11	10	14
1000	60	10	30	3	330	10	360	9			340	24	360	12	340	9			20	15	360	22
1500	320	10	230	4	300	10	360	11					320	11	320	8			340	18	270	23
2000	310	9	30	3	270	5	360	11					300	10	300	7			320	9	250	13
3000	340	5	180	5	340	3	290	6					320	7	270	11					220	30
4000			150	16	270	3															280	4
5000			180	20																		
6000																						
7000																						
8000																						

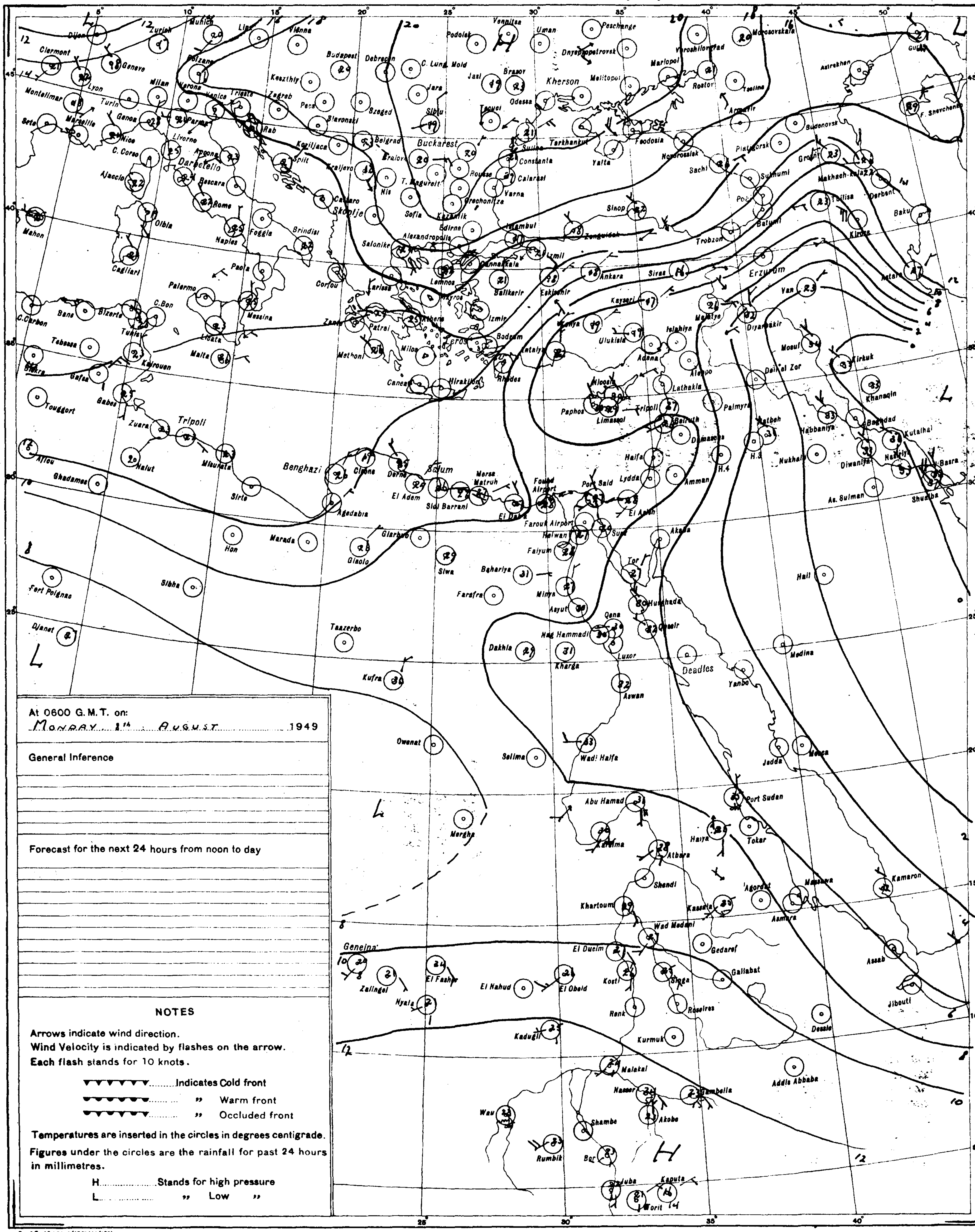
Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartoum		Kassala		El Obeid		El Fasher		Malakal	
Time			9		9		7		5								4				4	45	4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			80	3	30	5	20	6	190	4														
600			270	3	20	9	70	4	230	10							190	11					230	12
1000			250	3	360	11	60	5	240	16							190	13			150	12	240	17
1500					330	16	330	12	130	13							210	8			170	9	240	12
2000							290	14									210	6						
3000							270	17															220	9
4000																								
5000																								
6000																								
7000																								
8000																								

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

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

Note: All times G. M. T.

Form No. 7F.   SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 8th 8 1949



At 0600 G.M.T. on:
Monday 8th August 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 "

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

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

CAIRO
Time of Sunrise 03 18 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 9th August, 1949

At 1200 on Mon. 8th Aug.

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.
MEDITERRANEAN	62300	SALÛM	360	9	7	02	0	0	—	10.19	29	79	25	
	62303	SÎDI BARÂNI	20	10	35	02	2	8	Cs	11.4	27	84	24	
	62306	MATRÛH	30	6	17	00	0	0	—	13.1	28	66	21	
	62309	EL DABA	320	5	35	00	0	1	—	12.05	29	70	23	
		ALEXANDRIA	360	8	50	00	0	0	—	10.0	28	52	17	
	62318	FOUAD (Airport)	340	13	18	02	0	0	—	9.7	29	66	22	
	62330	DAMIETTA	360	5	15	00	0	0	—	9.6	31	59	23	
	62333	PORT SAÎD	10	7	30	02	2	0	—	9.1	30	66	23	
	62336	EL 'ARÎSH	320	2	35	02	0	0	—	9.6	28	79	24	
LOWER EGYPT	62339	DAMANHUR	360	5	15	02	0	0	—	9.1	33	59	24	
	62342	MANSURA	360	5	35	00	0	0	—	9.1	36	37	19	
	62348	TANTA	310	5	35	02	0	0	—	9.9	37	27	15	
	62354	ZAGAZIG	320	5	15	00	1	0	—	7.4	35	47	22	
	62441	ISMAÎLIA	270	2	36	01	1	3	Ac	7.9	37	27	15	
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMAZA												
		EZBEKÎYA	360	4	35	00	0	0	—	8.8	36	20	10	
		GÎZA	360	4	35	00	0	0	—	9.4	36	20	10	
	62378	HELWÂN	290	15	35	02	0	0	—	8.3	36	17	7	
UPPER EGYPT	62381	FAIYÛM	360	2	35	02	0	0	—	8.0	38	13	5	
	62387	MINYA	30	10	12	00	0	0	—	7.9	39	24	13	
	62393	ASYÛT MANQABAD	340	6	30	00	0	0	—	7.2	39	15	8	
	62399	NAG' HAMMÂDI	00	0	7	00	0	0	—	6.4	38	24	14	
	62402	QENA	270	2	50	00	0	0	—	6.4	41	20	14	
	62405	LUXOR												
	62414	ASWÂN	270	2	50	00	0	0	—	6.0	40	15	9	
OASES	62417	SÎWA	00	0	35	00	0	0	—	9.5	39	45	25	
	62420	BAHARÎYA	220	1	35	02	0	0	—	7.6	40	15	9	
	62423	FARAFRA												
	62432	DAKHLA	320	1	50	00	0	0	—	6.4	40	12	6	
	62435	KHARGA	20	2	35	00	0	0	—	6.3	41	23	16	
RED SEA	62450	SUEZ	360	13	35	02	0	0	—	6.7	36	20	10	
	62459	TÛR	310	8	35	00	0	0	—	6.3	35	32	16	
	62462	HURGHÂDA	10	4		00	0	0	—	6.3	32	43	18	
	62465	QUSEIR	20	9	15	02	0	0	—	6.3	32	66	25	
	62641	PORT SÛDÂN												
NORTH SÛDÂN	62600	WÂDI HALFA	130	1	10	05	0	0	—	4.9	41	22	15	
	62640	ABU HAMAD	270	2	30	03	1	6	Cu, Ac	4.9	39	32	19	
	62660	KAREIMA	250	2	30	02	1	7	Cu, Ac	5.6	37	35	19	
	62680	'ATBARA	250	2	30	83	6	3	Cb, Ac	6.2	35	44	21	
	62721	KHARTÛM	170	11	30	02	2	7	Cu, Ac	6.9	35	35	17	
	62730	KASSALA	230	2	30	02	1	7	Cu	9.1	31	59	22	
CENTRAL SÛDÂN	62751	WÂD MEDANI	180	19	50	02	1	7	As	8.4	31	49	19	
	62801	RENK												
	62802	ROSEIRES	230	2	35	00	0	0	—		29	66	22	
	62771	EL OBEID	230	12	30	03	1	6	Cu, Ac	7.3	32	41	17	
	62760	EL FÂSHER	160	4	30	02	1	7	Cu		29	52	18	
	62770	GENEINA	250	5	30	01	2	8	Cu		26	62	18	
S. SUDAN	62840	MALAKÂL	270	5	30	01	1	5	Cu	8.5	31	55	21	
	62880	WÂU	140	5	30	03	1	7	Sc, Ac	8.8	29	62	21	
	62941	JUBA	230	2	30	15	8	5	Cu, Ac	8.6	30	62	22	

At 1800 on Mon. 8th Aug.

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST 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	10	7	02	3	1	Ac	10.8	27	84	24	0
62303	SÎDI BARÂNI	40	9	35	02	2	8	Cu, Cs	11.8	25	94	24	0
62306	MATRÛH	50	4	13	03	0	6	Sc	10.7	25	84	22	0
62309	EL DABA	360	4	15	03	0	2	—	11.2	26	74	21	0
	ALEXANDRIA	20	10	7	00	0	0	—	11.1	25	84	22	0
62318	FOUAD (Airport)	330	7	12	02	0	0	—	10.6	25	84	22	0
62330	DAMIETTA	340	5		02	0	0	—	10.7	26	94	25	0
62333	PORT SAÎD	10	10	15	02	0	0	—	9.9	27	84	24	0
62336	EL 'ARÎSH	340	2	15	02	0	0	—	9.9	26	84	23	0
62339	DAMANHUR	360	9	15	02	0	0	—	10.4	26	84	23	0
62342	MANSURA	320	9		00	0	0	—	10.3	28	70	22	0
62348	TANTA	00	0	35	02	0	0	—	11.2	25	70	19	0
62354	ZAGAZIG	40	5		00	0	0	—	11.5	29	66	22	0
62441	ISMAÎLIA	20	2	7	02	0	0	—	9.6	30	66	23	0
62366	FAROUK (Airport)												
62372	ALMAZA												
	EZBEKÎYA	20	3	15	00	0	0	—	9.4	31	46	18	0
	GÎZA	20	3	15	00	0	0	—	9.3	30	54	20	0
62378	HELWÂN	360	8	35	02	0	0	—	9.0	83	24	10	0
62381	FAIYÛM	00	0	35	02	0	0	—	8.3	32	28	11	0
62387	MINYA	00	0	10	00	0	0	—	8.1	30	38	14	0
62393	ASYÛT MANQABAD				00	0	0	—	6.7	30	46	17	0
62399	NAG' HAMMÂDI	00	0		00	0	0	—	6.7	30	46	17	0
62402	QENA	270	2	7	00	0	0	—	5.5	32	28	11	0
62405	LUXOR	00	0	12	00	0	0	—	6.4	34	22	9	0
62414	ASWÂN	20	2	50	01	1	3	Ci	6.3	39	15	8	0
62417	SÎWA												
62420	BAHARÎYA	00	0	15	02	0	0	—	7.9	33	20	8	0
62423	FARAFRA												
62432	DAKHLA	360	1	35	00	0	0	—	6.3	35	15	6	0
62435	KHARGA	00	0	15	00	0	0	—	6.4	34	27	12	0
62450	SUEZ	20	11	15	02	0	0	—	7.9	32	34	14	0
62459	TÛR	310	10	15	00	0	0	—	6.3	30			0
62462	HURGHÂDA	00	0		00	0	0	—	6.7	30	43	16	0
62465	QUSEIR	20	5	15	02	0	0	—	6.2	30	66	23	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 Tuesday 9th August,

INDEX NUMBER	STATION	WIND 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	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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	SALÛM	20	5	7	03	2	5	Ac	11.8		26	31		21		70	20	0			SALUM
62303	SÎDI BARÂNI			35	02	2		Cu, Cs	12.8		26	28		21		84	23	0	278		SÎDI BARÂNI
62306	MATRÛH	30	1	13	03	1	5	Sc	12.5		26	29		19		74	21	0			MATRÛH
62309	EL DABA	320	5				0	—	11.0		27			22		70	21	0			EL DABA
	ALEXANDRIA	210	6	50	00	0	0	—	11.5	+1.6	26	29	-1	24	0	74	21	0	267	186	ALEXANDRIA
62318	FOUAD (Airport)	330	7	18	03	0	3	Sc	11.2		27	30		23		74	22	0	365	138	FOUAD (Airport)
62330	DAMIETTA	250	5		03	1	3	Ac	10.4	+1.6	27	31		20		79	23	0	319	100	DAMIETTA
62333	PORT SAÎD	280	3	14	02	0	3	Sc	10.2		27	31		25		74	22	0	72		PORT SAÎD
62336	EL 'ARÎSH	220	2	35	02	0	0	—	10.2	+1.4	28	30	-1	22	+1	70	22	0		94	EL 'ARÎSH
62339	DAMANHÛR	270	5	7	03	1	7	Ac	11.0	+1.6	26			22	+2	84	23	0	102	101	DAMANHÛR
62342	MANSÛRA	270	5	35	03	1	6	Cu	10.4	+1.6	26	37	+2	22	+1	74	21	0	49	55	MANSÛRA
62348	TANTA	310	2	35	01	1	4	Cu	10.5	+0.2	26	37	+2	19	-1	74	21	0	34	44	TANTA
62354	ZAGAZIG	220	5	7	00	0	0	—	10.8	+1.1	27	37	+2	22	+2	79	23	0	21	27	ZAGAZIG
62441	ISMAÎLIA	20	2	7	02	0	0	—	10.3		28	39		24		70	22	0	14		ISMAÎLIA
62366	FAROUK (Airport)																				FAROUK (Airport)
62372	ALMÀZA																				ALMÀZA
	EZBEKÎYA	220	3	15	00	0	0	—	11.5	+2.3	26	37	+2	23	+3	74	21	0	8	26	EZBEKÎYA
	GÎZA	320	3	15	00	0	0	—	11.6	+2.4	26	37	+2	22	+2	73	20	0	16	27	GÎZA
62378	HELWÂN	320	10	3	00	1	0	—	10.8	+1.6	24	37	+2	22	+1	84	21	0	16	29	HELWÂN
62381	FAIYÛM	20	5	35	02	0	0	—	11.0	+1.5	27	39	+3	23	+2	70	21	0	8	8	FAIYÛM
62387	MINYA	20	14	10	00	0	0	—	9.9		27	39		20		62	19	0	5		MINYA
62393	ASYÛT MANQABAD	00	0	30	00	0	0	—	9.4		29			22		40	14	0	dr.		ASYÛT MANQABAD
62399	NAG' HAMMÂDI	00	0		00	0	0	—	8.7	+1.5	29	39		19		52	18	0	0		NAG' HAMMÂDI
62402	QENA	270	2	35	00	0	0	—	8.7	+1.6	30	43	+3	25	+1	52	19	0	dr.		QENA
62405	LUXOR										42								dr.		LUXOR
62414	ASWÂN	20	4	50	00	0	0	—	8.0	+0.9	33	42	+1	27	+1	34	15	0	2		ASWÂN
62417	SÎWA																		1	8	SÎWA
62420	BAHARÎYA	360	2	35	02	0	0	—	10.3	0.0	29	41	+1	24	+4	46	16	0	dr.	7	BAHARÎYA
62423	FARAFRA																		dr.		FARAFRA
62432	DAKHLA	340	4	35	00	0	0	—	9.0	+0.1	29	41	+6	22	-1	23	6	0	dr.		DAKHLA
62435	KHARGA	20	1	35	00	0	0	—	8.7	+0.5	32	42	+3	26	+3	34	14	0	0		KHARGA
62450	SUEZ	00	0	35	00	0	0	—	9.5	+1.1	26	38	+2	22	-1	74	21	0	12	17	SUEZ
62459	TÛR	310	8	35	00	0	0	—	7.1	+0.9	33	38	+4	27	+2	41	18	0	dr.	13	TÛR
62462	HURGHÂDA	300	16		00	0	0	—	7.5		31	33		26		43	17	0	7		HURGHADA
62465	QUSEIR	360	9	15	02	0	0	—	7.9	+1.6	33	34	0	26	-1	38	17	0	0	4	QUSEIR
62641	PORT SÛDÂN	250	11	30	03	0	1	Ac	5.3		27	42		30		62	19	0	61	102	PORT SÛDÂN
62600	WÂDI HALFA	250	7	10	05	1	1	Ci	8.4		32	43		27		19	20	0	27		WÂDI HALFA
62640	ABU HAMAD	00	0	30	01	0	1	Ac	8.4		29			25		66	22	dr.			ABU HAMAD
62660	KAREIMA	270	1	30	02	2	7	Ac	8.8		28	39		25		66	21	30	40	14	KAREIMA
62680	'ATBARA	250	5	30	03	2	5	Ac	8.5		28	36		26		74	23	0.2	26	35	'ATBARA
62721	KHARTÛM	180	9	30	03	6	6	Ac, Ci	8.7		30	36		27		55	20	dr.	20	88	KHARTÛM
62730	KASSALA	180	5	30	01	1	1	Ac	10.0		27	31		23		70	21	0	229	179	KASSALA
62751	WÂD MEDANI	200	13	50	02	1	4	Cc	9.4		28	34		23		58	19	0	148	237	WÂD MEDANI
62801	RENK	230	9	50	00	0	0	—	10.5		27	32		21		89	25	0		329	RENK
62802	ROSEIRES	210	2	35	02	1	3	Ac	10.6		23	30		22		89	21	0	327	488	ROSEIRES
62771	EL OBEID	230	11	30	03	1	5	Ac, Cs	10.0		27	33		25		62	19	0	179	202	EL OBEID
62760	EL FÂSHER	00	0	30	01	0	3	Ac, Ci			24	31		22		79	20	0	98	176	EL FÂSHER
62770	GENEINA	150	5	30	22	2	8	Cu, Sc			22	28		21		94	21	11		317	GENEINA
62840	MALAKÂL	00	0	18	02	2	8	Ac	12.4		24	31		21		84	21	35	797	559	MALAKÂL
62880	WÂU																	0	749	785	WÂU
62941	JUBA																	dr.	550	763	JUBA

HUMIDITY

Mean % of day

STATION	On 8th	Diff. from normal
Alexandria	80	+6
Ezbekîya	58	-3
Giza	62	0
Helwân	29	-21

GIZA GRASS MINIMUM TEMP. ON 9th 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					

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 Aug.

STATION	Foad A.P.				Minya				Hurghada				Matruh											
TIME	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.
300	340	12			10	16			00	0			30	11										
600	320	13			10	16			350	14			350	7										
1000	330	17			20	13			340	13			330	9										
1500	310	10			350	18			350	12			320	5										
2000	130	5			340	20			310	20			350	7										
3000	100	8			320	24																		
4000	220	8																						
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 9th Aug.

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABAD		LUXOR		ASWÂN		HURGHADA		
TIME	9		3		3						8 45		3		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	350	6	40	6	330	16					310	13	360	19	330	10			360	9	340	33		
600	350	5	40	11	3600	12					340	11	60	21	350	11			20	19	320	50		
1000	270	3	10	17	10	8					360	13	30	24	350	12			20	19	320	36		
1500			360	16	340	19					360	16	10	15	350	16			10	12	300	16		
2000			350	20	340	11					360	14			320	23			330	5	320	30		
3000					340	7									320	8								
4000																								
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME			9		9		7		4												4 30		4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300			360	23	40	6	30	10	250	13														
600			10	37	40	9	40	12	250	15													170	5
1000			360	67	20	6	30	10	270	5											270	1	270	10
1500					40	9	20	13	70	18											240	2	300	7
2000					100	8																	300	9
3000									10	9														
4000									20	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 9th : 8 : 1949

At 0600 G.M.T. on:
Tuesday 9th August 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 / 93	
Thunderstorm with rain	95	
" " hail	96	
" " Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
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

SCALE 1:15,000,000

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

CAIRO
Time of Sunrise 03 19 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 : Wednesday 10th August, 1949

At 1200 on Tues. 9th Aug.

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms
MEDITERRANEAN	62300	SALÛM	20	7	7	01	0	2	Ac	12.3	29	66	22	
	62303	SÎDI BARÂNI	360	6	35	02	2	8	Cs		27	84	24	
	62306	MATRÛH												
	62309	EL DABA	320	6	35	00	0	0	—	11.9	28	70	22	
		ALEXANDRIA	330	11	50	00	0	0	—	11.9	28	70	22	0
	62318	FOUAD (Airport)	340	16	18	02	0	0	—	11.5	29	66	22	
	62330	DAMIETTA	340	6	15	00	0	0	—	10.4	29	70	23	
	62333	PORT SA'ID	350	13	30	02	0	0		10.0	28	79	24	
	62336	EL 'ARISH	320	5	35	02	0	0	—	9.9	29	70	23	
LOWER EGYPT	62339	DAMANHUR	310	13	15	02	0	0	—	11.1	31	66	24	
	62342	MANSURA	270	9	25	00	1	0	—	10.2	34	47	21	
	62348	TANTA	310	5	35	02	0	0	—	10.7	35	42	20	
	62354	ZAGAZIG	220	5	15	00	0	0	—	9.8	35	47	22	
	62441	ISMAÎLIA	290	2	15	03	1	3	Sc	9.2	36	33	17	
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMÂZA	350	10	30	00	0	1	Cu	9.6	35	42	20	
		EZBEKÎYA	360	5	35	00	0	0	—	9.9	34	41	19	
		GÎZA	360	5	35	00	0	0	—	10.3	34	41	19	
	62376	HELWÂN	290	12	7	06	0	1	Cb	9.5	34	32	15	
UPPER EGYPT	62381	FAIYÛM	360	8	25	02	0	0	—	9.3	36	20	10	
	62387	MINYA	30	12	12	00	0	0	—	9.2	36	14	15	
	62393	ASYÛT MANQABAD	320	12	30	00	0	0	—	8.5	38	18	10	
	62399	NAG' HAMMÂDI	270	3	7	00	0	0	—	6.4	38	27	16	
	62402	QENA	290	5	50	00	0	0	—	6.4	41	17	11	
	62405	LUXOR												
	62414	ASWÂN	340	10	50	00	0	0	—	5.6	41	17	11	
OASES	62417	SÎWA												
	62420	BAHARÎYA	360	5	35	02	0	0	—	9.4	37	18	9	
	62423	FARAFRA												
	62432	DAKHLA	00	0	50	00	0	0	—	2.8	39	14	7	
	62435	KHARGA	340	1	35	00	0	0	—	7.8	40	26	17	
RED SEA	62450	SUEZ	20	10	35	02	0	0	—	8.2	36	20	10	
	62459	TÛR	310	12	35	00	0	0	—	6.4	33	44	19	
	62462	HURGHÂDA	360	12		00	0	0	—	6.3	32	59	23	
	62465	QUSEIR	360	14	15	02	0	0	—	6.1	32	59	23	
	62641	PORT SÛDAN	40	14	10	03	0	2	Cu	4.3	35	59	26	
NORTH SÛDAN	62600	WÂDI HALFA	10	7	10	05	0	0	—	5.8	41	18	12	
	62640	ABU HAMAD	270		30	03	0	2	Ac	4.7	39	23	14	
	62660	KAREIMA	290	3	30	01	1	3	Cb,Ac	6.0	34	47	21	
	62680	'ATBARA	340	5	30	03	1	3	Cu	5.0	38	31	18	
	62721	KHARTÛM	270	12	30	02	2	6	Cu,Ac	5.6	36	35	18	
	62730	KASSALA												
CENTRAL SÛDAN	62751	WÂD MEDANI	240	19	35	02	1	5	Cu	5.6	33	38	17	
	62801	RENK	230	9	50	00	0	0	—		27	79	23	
	62802	ROSEIRES	230	3	35	01	1	3	Ac	7.6	31	55	21	
	62771	EL OBEID												
	62760	EL FÂSHER												
	62770	GENEINA	00	0	30	01	1	6	Cu		28	66	21	
S. SÛDAN	62840	MALAKÂL	250	6	35	03	2	5	Cu	8.1	30	62	22	
	62880	WAU	120	1	30	03	8	6	Cu,Ac	8.8	29	66	22	
	62941	JUBA	90	2	30	03	8	5	Cu,Ac	10.3	28	66	21	

At 1800 on Tues. 9th Aug.

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.
62300	20	8	7	02	0	3	Ac	12.4	26	84	23
62303	360	5	35	02	2	8	Cs	13.4	26	84	23
62306	30	1	13	03	1	3	Cu	13.6	25	84	22
62309	320	5	35	00	0	0	—	12.7	26	74	21
	20	9	7	00	0	0	—	12.2	25	84	22
62318											
62330	320	5		02	0	0	—	9.8	26	84	23
62333	330	12	14	01	0	0	—	10.1	26	89	24
62336	00	0	15	03	1	3	Cu	10.2	26	84	23
62339	310	5	15	02	0	0	—	11.5	25	84	22
62342	320	13		00	0	0	—	11.4	26	84	23
62348	00	0	35	00	0	0	—	11.0	25	70	19
62354	320	5		00	0	0	—	11.4	27	79	23
62441	360	2	7	02	0	0	—	10.2	28	70	22
62366											
62372											
	340	2	15	00	0	0	—	10.7	29	59	20
	340	2	15	00	0	0	—	10.2	27	62	19
62376	240	15	7	01	0	0	—	10.3	30	46	17
62381	360	2	35	02	0	0	—	9.3	33	34	16
62387	30	6	10	00	0	0	—	8.8	29	40	14
62393											
62399	250	2		00	0	0	—	6.3	30	40	15
62402	270	2	7	00	0	0	—	5.4	36	20	10
62405											
62414	340	6	50	00	0	0	—	5.4	37	19	10
62417											
62420	360	5	15	02	0	0	—	9.9	33	24	10
62423											
62432	320	3	35	00	0	0	—				
62435	360	1	15	00	0	0	—	7.6	35	32	16
62450	360	14	15	02	0	0	—	9.0	29	66	22
62459	310	4	15	00	0	0	—	6.0	30	59	21
62462	320	17		00	0	0	—	5.1	31	59	22
62465	360	9	15	02	0	0	—	5.1	32	63	24
62641											
62600											
62640											
62660											
62680											
62721											
62730											
62751											
62801											
62802											
62771											
62760											
62770											
62840											
62880											
62941											

At 0600 on Wednesday 10th August,

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.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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.
62300	320	5	7	01	0	1	Ac	12.6		26	30		21		70	20	0		
62303	320	4	50	02	2	8	Cs	13.1		26	28		21		74	21	0	278	
62306	360	1	18	01	1	3	Cu	11.9		29	30		21		70	23	0		
62309	320	4	3	01	1	3		11.4		27			21		70	21	0		
	310	11	50	00	0	0	—	11.5	+1.6	26	29	-1	23	-1	70	20	0	267	186
62318	350	10	18	02	0	0	—	10.9		26			23		70	20	0	265	138
62330	220	2		11	0	2	Ac	11.0	+2.2	27	30		20		79	23	0	319	106
62333	280	7	12	03	1	5	Sc	10.3		26	30		25		84	23	0	72	
62336	220	2	35	03	2	6	Cu	10.3	+1.5	29	30	-1	22	+1	70	23	0		94
62339	310	9	15	02	0	0	—	11.5	+2.1	26	33	0	20	0	74	21	0	102	101
62342	220	6	35	00	0	0	—	11.1	+2.0	27	35	0	20	-1	70	21	0	49	55
62348	00	0	25	02	0	0	—	19.9	+1.2	25	35	0	17	-3	74	20	0	34	44
62354	140	5	7	03	1	3	Ac	11.1	+1.4	27	34	-1	22	+2	79	23	0	21	27
62441	220	5	7	01	2	5	Sc	10.3		27	37		24		70	21	0	14	
62366																			
62372																			
	340	3	15	00	0	4	Sc	11.4	+2.0	26	35	0	23	+1	74	21	0	8	26
	340	3	15	00	0	4	Sc	11.5	+2.2	26	35	0	22	+2	71	20	0	16	27
62376	360	5	7	00	0	0	—	11.1	+1.8	25	35	0	22	+1	70	19	0	16	29
62381	360	8	35	02	0	0	—	11.1	+1.6	26	37	+1	22	+1	74	21	0	8	8
62387	20	9	10	00	0	0	—	9.9		26	37		22		70	20	0	5	
62393	320	3	30	00	0	0	—	9.9		26			22		66	19	0	dr.	
62399	00	0		00	0	0	—	7.6	+0.4	29	39		21		66	22	0	0	
62402	270	2	35	00	0	0	—	6.6	-0.5	29	43	+3	25	+1	46	16	0	dr.	
62405																		dr.	
62414	360	3	50	00	0	0	—	7.8	+0.7	32	42	+1	27	+1	34	14	0	2	
62417																		1	8
62420	00	0	35	02	0	0	—	10.8	+0.5	28	38	+1	21	+1	58	19	0	dr.	7
62423																		dr.	
62432	180	3	35	00	0	0	—	10.2	+1.2	31	41	+2	22	-1	22	7	0	dr.	-
62435	360	5	50	00	0	0	—	9.1	+0.9	30	40	0	27	+4	52	19	0	0	
62450	00	0	35	00	0	0	—	9.6	+1.1	26	37	+1	23	0	70	20	0	12	17
62459	310	10	35	00	0	0	—	6.2	-0.1	28	35	+2	26	+1	70	22	0	dr.	13
62462	310	11		00	0	0	—	6.3		29	33		25		55	19	0	7	
62465	360	13	15	02	0	0	—	5.3	-0.7	33	35	+1	28	+1	31	15	0	0	4
62641	160	11	30	01	1	1	Cu	5.1		31	39		30		37	20	0	61	103
62600	00	0	30	03	1	5	Cc	7.7		29	43		25		35	12	0	27	
62640	360	5	30	02	2	8	Cs	6.2		34	41		25		16	5	0		
62660	250	10	10	01	1	6	Cu	7.8		29	36		26		62	21	0	40	15
62680	250	9	30	01	1	1		7.4		29	39		26		62	21	3	29	37
62721	230	11	30	01	1	4	Ac,Cu	8.2		27	38		24		79	23	3	23	92
62730	180	9	30	00	0	0	—	10.2		27	36		22		74	22	0	229	183
62751	230	9	50	01	1	4	Cc	14.4		25	36		22		94	24	4	152	242
62801																			333
62802	270	3	35	00	0	0	—	12.0		25	33		22		84	22	0	327	495
62771	270	3	30	01	1	3	Ac	11.3			35		22			20	2	181	206
62760	50	3	30	02	1	7	Sc			24	34		23		74	19	dr.	98	181
62770	00	0	30	02	9	7	Cs,Cu			24	30		26		74	19	M		325
62840	130	2	30	03	2	8	Ac	12.7		23	30		22		94	22	dr.	797	565
62880	00	0	30	03	2		Ac	11.2		24	33		22		89	22	0.6	750	792
62941	180	2	10	03	1	2	Sc,Cs	12.6		23	29		20		89	21	dr.	550	767

HUMIDITY

Mean of day

STATION	on 9th %	Diff. from normal
Alexandria	82	+8
Ezbekiya	63	+12
Giza	63	+1
Helwan	59	+8

GÎZA
GRASS MINIMUM TEMP.
ON 10th 18.0 °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 9th

STATION	Matrah		Fouad A.P.		Port Said		Ninga		Hurghada	
TIME	15		15		15		15		15	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	250	7	330	26	320	17	80	23	350	27
600	230	6	340	21	340	16	70	17	350	23
1000			340	17	340	11	70	24	330	32
1500			340	20	70	9	60	32	330	47
2000			340	18	80	6	40	42	320	10
3000					110	5				
4000										
5000										
6000										
7000										
8000										

UPPER WIND OBSERVATIONS on 10th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABAD		LUXOR		ASWÂN		HURGHADA	
TIME	9		4		3		3				7		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.
300	300	9	330	3	330	17	300	7			350	10	10	30	360	18					340	35
600	310	6	340	6	330	18	350	10			360	7	10	40	360	21					340	23
1000	320	8	320	8	340	13	330	16			20	9	10	40	360	23					330	20
1500	310	15	320	18	330	17	320	10					10	35	360	23					290	17
2000	320	17					310	9					10	24	360	24					220	9
3000	340	6																				
4000																						
5000																						
6000																						
7000																						
8000																						

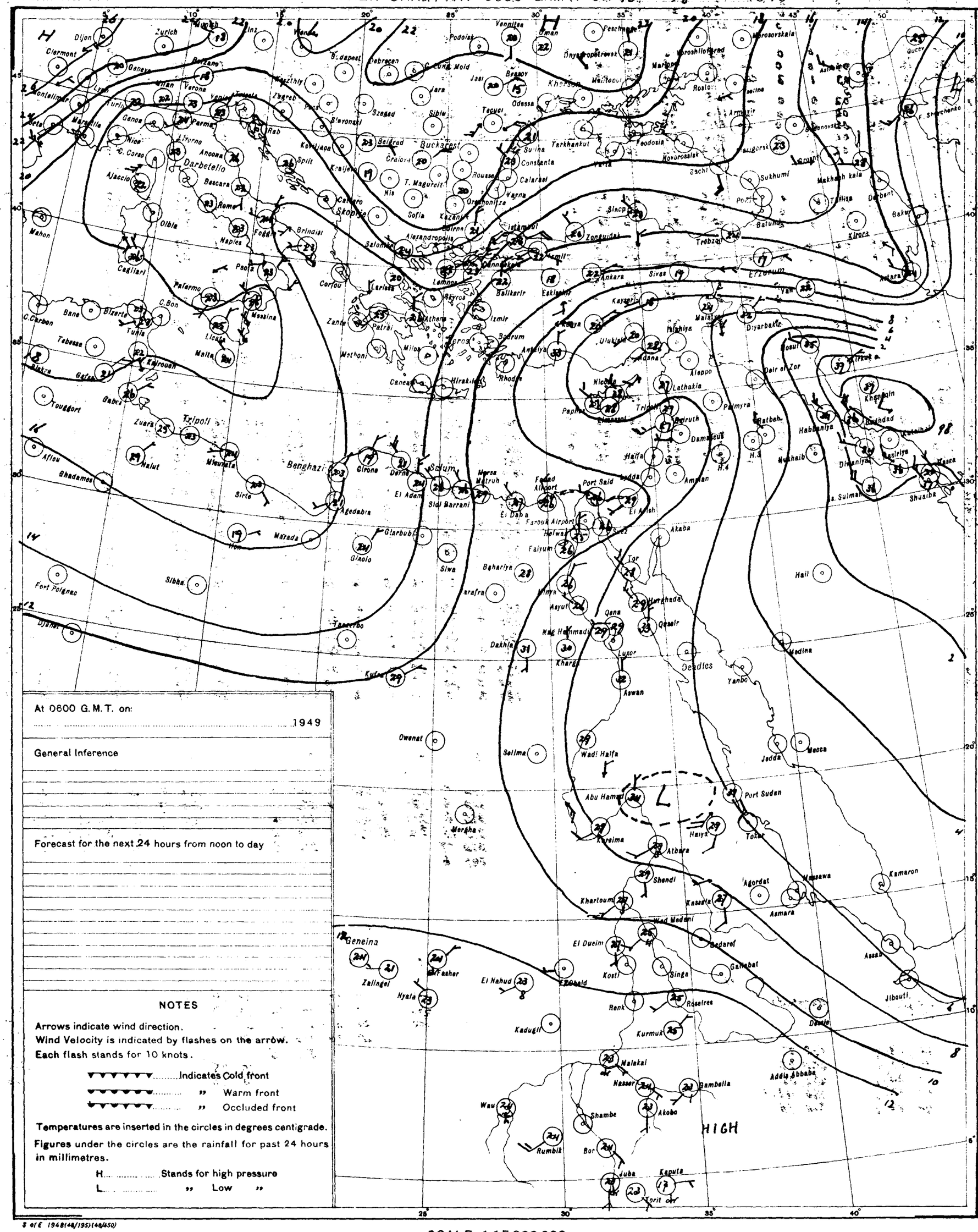
STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME			9		9		7		4								3 30		3 30		4 15		4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300			360		10	29	10	25	40	10														
600			360		10	36	10	22	40	17							190	10					170	4
1000			360		20	31	10	25	20	17							190	13	360	8	10	6	170	5
1500					20	36	360	23	10	21							220	9	260	7	70	12	290	3
2000							320	18									270	8	180	3				
3000									10	15							310	4					120	8
4000									10	20							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.

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 .8 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
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
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 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 19 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 : Thursday 11th August, , 1949

At 1200 on Wed. 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	360	12	7	02	0	0	—	12.8	28	62	20
	62303	SÎDI BARÂNI	340	14	50	02	2	8	Cs	12.6	28	77	24
	62306	MATRÛH											
	62309	EL DABA	320	8	35	00	0	0	—	12.0	28	62	20
		ALEXANDRIA	330	15	50	03	1	4	Cu,Sc	10.2	27	70	21
	62318	FOUAD (Airport)	340	19	18	01	0	1	Sc	10.6	28	62	20
	62330	DAMIETTA	320	5	15	00	0	0	—	9.8	29	66	22
	62333	PORT SA'ÎD	340	14	18	02	0	0	—	9.0	28	70	22
	62336	EL 'ARÎSH	320	5	35	01	0	0	—	9.1	29	70	23
LOWER EGYPT	62339	DAMANHÛR	310	13	15	02	0	0	—	10.7?	29	70	23
	62342	MANSÛRA	340	9	35	00	0	0	—	9.5	33	38	17
	62348	TANTA	310	5	35	02	0	0	—	9.4	34	36	17
	62354	ZAGAZIG	320	5	15	00	1	0	—	4.8	34	47	21
	62441	ISMAÎLÎA	220	2	35	02	0	0	—	8.3	36	25	13
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMÂZA											
		EZBEKÎYA	340	5	35	00	0	0	—	9.0	33	32	14
		GÎZA	340	6	35	00	0	0	—	9.8	33	38	16
	62378	HELWÂN	320	5	35	02	0	0	—	8.6	33	24	10
UPPER EGYPT	62381	FAIYÛM	360	8	35	02	0	0	—	8.4	36	20	10
	62387	MINYA	30	13	12	00	0	0	—	8.6	35	32	16
	62393	ASYÛT MANQABÂD	340	14	30	00	0	0	—	7.4	36	20	10
	62399	NAG' HAMMÂDI	270	4	50	00	0	0	—	5.1	37	35	19
	62402	QENA	220	2	60	00	0	0	—	4.7	41	20	14
	62405	LUXOR											
	62414	ASWÂN	220	2	50	00	0	0	—	4.6	40	21	14
OASES	62417	SÎWA											
	62420	BAHARÎYA	320	6	35	02	0	0	—	9.1	36	20	10
	62423	FARAFRA											
	62432	DAKHLA	140	6	50	00	0	0	—	7.9	37	11	2
	62435	KHARGA	360	3	35	00	0	0	—	7.2	38	27	16
RED SEA	62450	SUEZ	00	0	35	02	0	0	—	7.1	35	29	14
	62459	TÛR	310	11	35	00	0	0	—	5.3	31	66	24
	62462	HURGHÂDA	350	16		00	0	0	—	4.8	31	62	23
	62465	QUSEIR	360	9	15	02	0	0	—	4.9	33	50	21
	62641	PORT SUDÂN	10	11	30	03	1	6	Cu,Ac	3.7	36	53	25
NORTH SUDÂN	62600	WÂDI HALFA	360	15	30	02	2	7	Cs	5.0	39	21	13
	62640	ABU HAMAD	350	5	30	03	1	5	Ci	3.3	41	11	5
	62660	KAREIMA	270	3	10	00	1	0	—	4.1	39	20	12
	62680	'ATBARA	340	2	30	02	2	7	Cu,Cb	3.8	39	21	13
	62721	KHARTÛM	200	8	30	03	1	3	Cu,Ac	6.4	35	35	17
	62730	KASSALA	230	2	30	03	0	6	Cu	5.5	35	44	21
CENTRAL SUDÂN	62751	WÂD MEDANI	230	9	35	02	1	4	Cc	6.6	35	44	21
	62801	RENK	230	5	50	02	1	6	Ci	6.7	31	65	21
	62802	ROSEIRES	230	2	35	00	0	0	—	6.8	31	55	21
	62771	EL OBEID	250	7	30	03	1	7	Cu,Ac	6.2	33	38	17
	62760	EL FÂSHER	00	0	30	61	5	8	Sc		33	47	20
	62770	GENEINA	20	4	30	01	2	6	Cu,Ac	10.4	28	58	19
S. SUDÂN	62840	MALAKÂL	180	4	30	01	2	6	Cu	8.7	31	62	23
	62880	WÂU	150	1	30	03	2	6	Cu,Ci	3.5	31	56	21
	62941	JUBA	90	5	30	03	1	1	Cu	8.1	32	46	19

At 1800 on Wed. 10th

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms
62300	SALÛM	320	8	7	02	0	0	—	12.7	26	74	20	0
62303	SÎDI BARÂNI	320	5	35	02	2	8	Cu,Cb	13.4	25	74	20	0
62306	MATRÛH	30	4	13	00	1	0	—	12.1	25	74	20	0
62309	EL DABA	320	5	15	00	0	0	—	12.7	26	74	21	0
	ALEXANDRIA	310	11	7	02	2	5	Cu,Sc	11.4	25	84	22	0
62318	FOUAD (Airport)	340	9	12	07	1	3	Sc	10.9	24	79	20	0
62330	DAMIETTA	320	5		02	0	0	—	10.2	26	84	22	0
62333	PORT SA'ÎD	340	9	12	02	0	0	—	9.7	26	84	23	0
62336	EL 'ARÎSH	00	0	15	03	1	1	Cu	9.5	26	84	23	0
62339	DAMANHÛR	310	9	15	02	0	0	—	10.7	25	84	22	0
62342	MANSÛRA	320	5		00	0	0	—	9.5	26	74	21	0
62348	TANTA	360	2	35	02	0	0	—		24	69	18	0
62354	ZAGAZIG	320	5		00	0	0	—	10.6	26	74	21	0
62441	ISMAÎLÎA	360	5	7	01	0	0	—	9.6	27	70	21	0
62366	FAROUK (Airport)												
62372	ALMÂZA												
	EZBEKÎYA	360	3	15	00	0	0	—	9.9	28	62	20	0
	GÎZA	360	3	15	01	0	0	—	9.8	27	61	19	0
62378	HELWÂN	340	13	15	02	0	0	—	9.5	29	52	18	0
62381	FAIYÛM	330	8	35	02	0	0	—	8.7	31	43	17	0
62387	MINYA	00	0	10	00	0	0	—	8.2	27	52	16	0
62393	ASYÛT MANQABÂD												
62399	NAG' HAMMÂDI	00	0		00	0	0	—	6.6	31	31	12	0
62402	QENA	240	5	7	00	0	0	—	4.8	33	34	15	0
62405	LUXOR	310	11	12	00	0	0	—	5.5	35	7	-6	0
62414	ASWÂN	340	6	50	00	0	0	—	4.6	37	20	11	0
62417	SÎWA												
62420	BAHARÎYA	00	0	15	02	0	0	—	9.6	31	31	12	0
62423	FARAFRA												
62432	DAKHLA	320	1	35	00	0	0	—	7.4	32	15	2	0
62435	KHARGA	00	0	15	00	0	0	—	7.6	33	34	15	0
62450	SUEZ	00	0	15	02	0	0	—	8.7	29	52	18	0
62459	TÛR	310	4	15	00	0	0	—	10.7	30	59	21	0
62462	HURGHÂDA	310	18		00	0	0	—	3.6	31	59	22	0
62465	QUSEIR	360	9	15	02	0	0	—	4.0	31	49	19	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 11th August,

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C	RAINFALL mms. Past 24 hrs.	RAINFALL mms. Total From 1st. Oct.	RAINFALL mms. Normal From Oct. 1st.
62300	SALÛM	320	9	7	00	0	1	Ac	11.6		26	29		20		70	20	0		
62303	SÎDI BARÂNI	290	8	50	02	2	8	Cu,Cb	11.9		25	28		20		74	24	0	278	
62306	MATRÛH	350	6	15	02	1	2	Sc	11.0		26	30		20		70	20	0		
62309	EL DABA	320	7	35	00	0	0	—	10.2		26			22		74	21	0		
	ALEXANDRIA	310	10	50	00	0	0	—	9.6	-0.4	25	29	-1	23	-1	74	20	0	267	186
62318	FOUAD (Airport)	340	16	18	02	0	0	—	9.2		26	29		23		70	20	0	265	138
62330	DAMIETTA	250	2		03	1	4	Fs,Fc	9.1	+0.2	26	30		19		84	23	0	39	106
62333	PORT SA'ÎD	310	6	14	02	1	4	Sc	8.8		27	30		24		70	21	0	72	
62336	EL 'ARÎSH	220	2	35	02	0	3	Cu	8.0	-0.9	28	30	-1	22	+1	70	22	0		94
62339	DAMANHÛR	360	9	15	02	0	0	—	9.9	+0.4	26	30	-3	19	-1	74	21	0	102	101
62342	MANSÛRA	270	5	15	03	0	6	Sc,Cu	9.3	+0.1	26	34	-1	21	0	74	21	0	49	55
62348	TANTA	310	2	35	02	0	0	—	9.7	-0.1	25	34	-1	16	-4	74	20	0	34	44
62354	ZAGAZIG	220	5	7	03	1	5	Ac	10.2	+0.4	27	36	+1	21	+1	79	23	0	21	27
62441	ISMAÎLÎA	290	2	7	01	1	5	Sc	9.4		27	36		22		82	19	0	14	
62366	FAROUK (Airport)																			
62372	ALMÂZA																			
	EZBEKÎYA	290	6	15	01	0	5	Sc.	9.5	+0.1	24	34	-1	23	+1	79	20	0	8	26
	GÎZA	290	5	15	01	0	5	Sc	10.2?	+0.9	25	34	-1	22	+2	74	20	0	16	27
62378	HELWÂN	340	4	7	00	0	0	—	9.1	-0.2	23	34	-1	21	0	74	18	0	16	29
62381	FAIYÛM	360	5	35	03	2	7	St	9.9	+0.2	25	36	0	20	-1	74	20	0	8	8
62387	MINYA	30	15	10	02	2	6	Sc	9.2		22	35		20		65	20	0	5	
62393	ASYÛT MANQABÂD	340	6	30	00	0	0	—	9.0		24			21		74	19	0	dr.	
62399	NAG' HAMMÂDI	00	0		00	0	0	—	7.4	0.0	29	38		22		69	20	0	0	
62402	QENA	240	5	35	00	0	0	—	6.6	-0.6	29	43	+3	25	+1	52	18	0	dr.	
62405	LUXOR											41							dr.	
62414	ASWÂN	320	2	50	00	0	0	—	6.8	-0.3	30	42	+1	27	+1	38	14	0	2	
62417	SÎWA																		1	8
62420	BAHARÎYA	360	7	35	02	0	0	—	10.8	+0.4	24	37	+1	21	+1	74	19	0	dr.	7
62423	FARAFRA																		dr.	
62432	DAKHLA	320	6	35	00	0	0	—	9.4	+0.3	28	38	-1	23	0	19	2	0	dr.	
62435	KHARGA	20	2	35	00	0	0	—	8.8	+0.5	30	38	-1	26	+3	40	15	0	0	
62450	SUEZ	00	0	35	00	0	0	—	6.4	-0.1	26	37	+1	22	-1	62	18	0	12	17
62459	TÛR	310	8	35	00	0	0	—	3.6	-2.7	27	34	0	26	+1	70	21	0	dr.	13
62462	HURGHÂDA	310	16		00	0	0	—	5.4		29	31		25		82	18	0	7	
62465	QUSEIR	360	13	15	02	0	0	—	5.8	-0.6	32	34	0	27	0	38	16	tr	0	4
62641	PORT SUDÂN	130	1	4	05	1	3	Ac,Cb	4.8		36	40		29		62	21	0	61	103
62600	WÂDI HALFA																		27	
62640	ABU HAMAD	00	0	30	01	0	1	Ci	6.1		31	42		27		29	11	0		
62660	KAREIMA	160	3	30	01	1	3	Ci	8.8		31	40		26		31	12	0	40	15
62680	'ATBARA	230	9	30	03	2	5	St	8.6		28	42		24		58	19	0	29	28
62721	KHARTÛM	230	12	30	02	2	7	Ac	10.4		27	37		23		58	18	dr.	23	94
62730	KASSALA																	6	235	187
62751	WÂD MEDANI	200	9	50	03	6	8	St.	11.0		24	36		21		84	21	15	167	247
62801	RENK																			338
62802	ROSEIRES	340	2	7	21	6	8	Fs,Fc.	12.6		23	34		21		94	22	7	334	502
62771	EL OBEID																	7	188	210
62760	EL FÂSHER																	dw	98	185
62770	GENEINA	160	4	30	02	2	7	Cu,Sc			23	31		22		94	22	10		333
62840	MALAKÂL	50	1	30	21	6	7	Sc,Ac	12.4		25	31		23		94	24	1	798	571
62880	WÂU	00	0	30	01	9	3	Ac,Ci	11.1		25	33		21		79	21	2	752	799
62941	JUBA	180	5	30	02	2	1	Ac	12.7		25	33		20		84	22	0	650	771

HUMIDITY %

Mean of day

STATION	on 10th	Diff. from normal
Alexandria	75	+1
Ezbekiya	64	+3
Giza	61	-1
Helwân	57	+6

GÎZA GRASS MINIMUM TEMP. ON 11th 14.8 °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 10th

STATION	Matruh		Fouad A.P.		Port Said		Minya		Hurghada											
TIME	14	30	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.
300	330	12			330	23			340	18			360				350	23		
600	360	14			340	16			310	10			350				360	12		
1000	310	19			310	16			310	5			340				360	15		
1500	320	18			40	3			90	7			330				330	16		
2000	320	15			340	9			330	7			340				300	17		
3000					330	10			260	15							330	6		
4000					300	8			240	16										
5000									240	19										
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		
TIME	9		3	30	3		3				8	45	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	8	320	9	320	21	310	15			310	7	330	13	320	11			320	4	330	27		
600	310	8	340	10	340	16	320	9			360	7	350	11	330	16			360	8	350	19		
1000	300	6	10	9	340	16					10	13	350	16	340	10			10	18	310	19		
1500	280	7	30	3	340	15					30	16	20	17	350	16					270	8		
2000	280	7	320	10	40	14					40	20			350	4					300	10		
3000			320	8	10	13					310	7			250	4								
4000											190	5			230	11								
5000											210	5												
6000											200	3												
7000											170	4												
8000																								

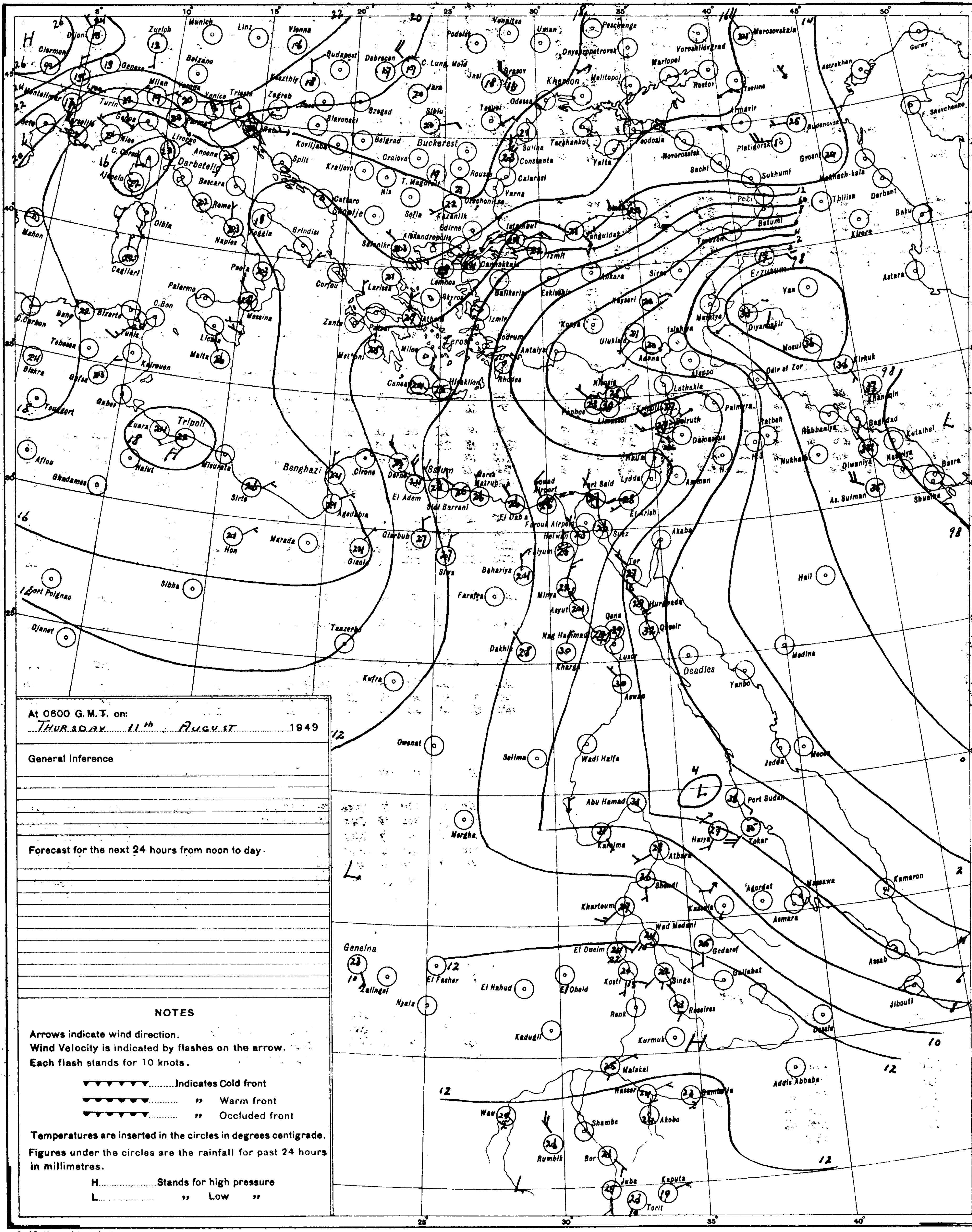
STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7		4								3	30			5		4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	110	16	20	29	340	6	360	9	30	8														
600	110	16	30	12	340	7	360	19	20	17							190	13					350	7
1000	50		20	23	340	15	350	25	10	19							210	16			130	3		
1500	340	3	20				350	30	350	19							240	11			160	12	360	1
2000	310	4	20														230	5						
3000																	110	10						
4000																								
5000																								
6000																								
7000																								
8000																								

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

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

Note: All times G. M. T.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 11th 8 1949



SCALE 1:15,000,000

At 0600 G.M.T. on:
THURSDAY 11th AUGUST 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 ,,

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

CAIRO

Time of Sunrise 03 20 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 : Friday 12th August, 1949

At 1200 on Thur. 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											
	62303	SIDI BARANI	320	12	50	02	2	8	Cs	10.4	28	70	22
	62306	MATRUH	10	10	18	00	1	0	—	10.8	28	66	21
	62309	EL DABA	320	6	36	00	0	0	—	10.4	28	70	22
		ALEXANDRIA	360	15	50	00	0	0	—	9.3	27	70	21
	62318	FOUAD (Airport)	340	16	18	02	1	2	Sc	9.3	28	62	20
	62330	DAMIETTA	320	5	7	02	1	3	Ac	8.4	29	70	23
	62333	PORT SA'ID	350	13	18	02	0	0	—	8.1	28	70	22
	62336	EL 'ARISH	320	5	35	01	0	0	—		28	70	22
LOWER EGYPT	62339	DAMANHUR	310	13	15	02	0	0	—	9.5	29	70	23
	62342	MANSURA	320	9	35	00	1	0	—	8.2	33	50	21
	62348	TANTA	310	8	35	02	0	0	—	8.1	34	47	21
	62354	ZAGAZIG	320	6	15	00	1	0	—	8.7	34	56	24
	62441	ISMAILIA	320	2	35	02	1	3	Ac	8.7	35	42	20
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMAZA											
		EZBEKIYA	340	4	35	00	0	0	—	7.8	33	47	20
		GIZA	340	4	35	00	0	0	—	7.1	33	41	18
	62378	HELWAN	290	8	15	02	0	0	—	6.8	33	38	17
UPPER EGYPT	62381	FAIYUM	360	5	35	01	0	0	—	7.4	35	29	14
	62387	MINYA	20	13	12	00	0	0	—	6.9	34	34	16
	62393	ASYUT MANQABAD	320	9	30	00	0	0	—	6.8	34	32	15
	62399	NAG' HAMMADI	290	3	7	00	0	0	—	4.7	35	29	14
	62402	QENA	240	5	50	00	0	0	—	3.9	41	23	16
	62405	LUXOR											
	62414	ASWAN	340	4	50	00	0	0	—	4.4	39	23	14
OASES	62417	SIWA											
	62420	BAHARIYA	360	5	35	02	0	0	—	9.0	35	23	11
	62423	FARAFRA											
	62432	DAKHLA	320	6	50	00	0	0	—	8.0	36	42	21
	62435	KHARGA	340	2	35	00	0	0	—	7.2	36	33	17
RED SEA	62450	SUEZ	360	6	35	02	0	0	—	6.3	34	32	15
	62459	TOR	310	10	35	00	0	0	—	4.4	31	59	22
	62462	HURGHADA	340	12		00	0	0	—	3.4	30	66	23
	62465	QUSEIR	360	13	15	02	0	0	—	3.8	33	56	23
	62641	PORT SUDAN											
NORTH SUDAN	62600	WADI HALFA	320	15	30	02	1	3	Ci	6.0	38	22	13
	62640	ABU HAMAD	360	3	30	01	0	1	Ac	3.4	41	13	7
	62660	KAREIMA	270	1	30	00	1	1	Ci	5.2	39	14	7
	62680	'ATBARA	250	5	30	03	1	1	Ci	5.1	38	19	11
	62721	KHARTUM	200	10	30	02	2	8	Cu,As		33		19
	62780	KASSALA	230	2	30	02	1	4	Cu,Cs	9.1	32	56	22
CENTRAL SUDAN	62751	WAD MEDANI	180	2	50	02	2	7	Ac	9.0	27	70	21
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	180	7	30	02	2	8	Cs	8.2	30	52	19
	62760	EL FASHER											
	62770	GENEINA	180	5	30	15	8	8	Sc		27	66	20
S. SUDAN	62840	MALAKAL	20	14	30	03	2	8	Sc,Cs	10.9	25	77	21
	62880	WAU	50	3	30	03	1	6	Cu	7.8	33	59	24
	62941	JUBA	50	2	30	03	1	3	Cu,Ac	8.2	33	50	21

At 1800 on Thur. 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	320	6	7	02	0	0	—	11.1	26	70	20	0
62303	SIDI BARANI	290	8	35	02	2	8	Cu,Cs	11.6	24	84	21	0
62306	MATRUH	260	4	13	00	0	0	—	10.5	25	70	19	0
62309	EL DABA	320	5	15	00	0	0	—	9.3	26	74	21	0
	ALEXANDRIA	360	10	7	00	0	0	—	9.9	25	84	22	0
62318	FOUAD (Airport)	340	10	14	02	0	0	—	9.4	25	74	20	0
62330	DAMIETTA	320	5		02	1	2	Fs,Ec	8.6	25	94	24	0
62333	PORT SA'ID	320	12	14	02	0	3	Sc	8.2 ?	26	84	23	0
62336	EL 'ARISH			7	01	0	3	Cu	8.9	26	84	23	0
62339	DAMANHUR	360	9	15	02	0	0	—	9.5	25	84	22	0
62342	MANSURA	360	5		00	0	0	—	9.0	26	74	21	0
62348	TANTA	310	½	35	02	0	0	—	?..	24	69	18	0
62354	ZAGAZIG	320	5		00	0	0	—	9.0	26	84	23	0
62441	ISMAILIA	20	2	7	02	0	0	—	9.0	30	52	19	0
62366	FAROUK (Airport)												
62372	ALMAZA												
	EZBEKIYA	340	3	16	00	0	0	—	9.1	27	66	20	0
	GIZA	240	3	15	00	0	0	—	9.8	27	66	20	0
62378	HELWAN	340	13	15	02	0	0	—	8.3	28	58	19	0
62381	FAIYUM	360	5	25	02	0	0	—	7.2	31	43	17	0
62387	MINYA	360	6	8	00	0	0	—	6.7	27	52	16	0
62393	ASYUT MANQABAD												
62399	NAG' HAMMADI	00	0		00	0	0	—	5.3	29	52	18	0
62402	QENA	240	5	7	00	0	0	—	4.3	32	38	16	0
62405	LUXOR	00	0	12	00	0	0	—	5.0	33	12	0	0
62414	ASWAN	340	10	50	00	0	0	—	5.4	35	20	9	0
62417	SIWA												
62420	BAHARIYA	360	3	15	02	0	0	—	9.0	31	31	12	0
62423	FARAFRA												
62432	DAKHLA	140	2	35	00	0	0	—	7.2	31	17	3	0
62435	KHARGA	00	0	15	00	0	0	—	7.2	34	27	12	0
62450	SUEZ	360	12		02	0	0	—	6.6	30	70	24	0
62459	TOR	310	8	15	00	0	0	—	3.6	28	61	20	0
62462	HURGHADA	300	13		00	0	0	—	2.3 ?	31	52	20	0
62465	QUSEIR	360	5	15	02	0	0	—	3.3	31	66	24	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 12th August,

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL mms. Total From Oct. 1st.	RAINFALL mms. Normal From Oct. 1st.	STATION
62300	SALUM	320	12	7	02	0	0	—	11.2		26	30		19		74	21	0			SALUM
62303	SIDI BARANI	330	10	50	00	0	0	—	10.7		26	28		23		74	21	0	278		SIDI BARANI
62306	MATRUH	340	3	14	02	1	5	Cu	9.7		26	29		20		66	19	0			MATRUH
62309	EL DABA	320	3	35	01	1	4		9.8		26			19		70	20	0			EL DABA
	ALEXANDRIA	310	11	50	03	1		Sc,Ac	9.6	-0.4	26	28	-2	23	-1	70	20	0	267	186	ALEXANDRIA
62318	FOUAD (Airport)	300	10	18	02	1	4	Cu	9.3		26	30		23		70	20	0	265	138	FOUAD (Airport)
62330	DAMIETTA	320	2	7	01	0	1	Ac	9.3	+0.4	27	29		19		70	21	0	319	106	DAMIETTA
62333	PORT SA'ID	280	8	12	02	0	4	Sc	8.8		27	29		24		79	23	0	72		PORT SA'ID
62336	EL 'ARISH	220	2	35	02	1	6	Cu	8.1	-0.9	29	30	-1	25	+4	66	22	0		94	EL 'ARISH
62339	DAMANHUR	310	9	7	01	1	1	Cu	9.3	-0.3	25	30	-3	18	-2	84	22	0	102	101	DAMANHUR
62342	MANSURA	320	5	35	00	0	0	—	9.5	+0.3	26	34	-1	20	-1	84	23	0	49	55	MANSURA
62348	TANTA	310	2	35	01	1	4	Cu	8.7	-0.9	26	34	-1	17	-3	74	21	0	34	44	TANTA
62354	ZAGAZIG	220	5	·	00	2	0	—	9.7	0.0	25	35	0	22	+2	79	21	0	21	27	ZAGAZIG
62441	ISMAILIA	340	2	7	01	1	4	Sc	8.6		28	36		23		62	20	0	14		ISMAILIA
62366	FAROUK (Airport)																				FAROUK (Airport)
62372	ALMAZA																				ALMAZA
	EZBEKIYA	20	4	15	00	0	4	Sc	9.4	-0.1	26	35	0	23	+1	79	22	0	8	26	EZBEKIYA
	GIZA	20	4	15	00	0	4	Sc	9.9	+0.5	26	34	-1	22	+2	72	20	0	16	27	GIZA
62378	HELWAN	340	4	7	00	1	4	St	9.1	-0.3	24	35	0	21	0	14	19	0	16	29	HELWAN
62381	FAIYUM	20	2	35	03	1	2	St	9.3	-0.4	24	37	+1	21	0	84	21	0	8	8	FAIYUM
62387	MINYA	10	7	10	00	0	0	—	9.3		23	35		18		84	20	0	5		MINYA
62393	ASYUT MANQABAD	340	4	30	00	0	0	—	9.0		26			22		62	18	0	dr.		ASYUT MANQABAD
62399	NAG' HAMMADI	360	2		00	0	0	—	7.1	-0.3	28	37		23		62	20	0	0		NAG' HAMMADI
62402	QENA	290	5	35	00	0	0	—	7.2	0.0	30	41	+1	25	+1	46	17	0	dr.		QENA
62405	LUXOR											41							dr.		LUXOR
62414	ASWAN	360	3	50	00	0	0	—	7.6	+0.4	32	42	+1	26	0	29	12	0	2		ASWAN
62417	SIWA																		1	8	SIWA
62420	BAHARIYA	00	0	35	02	0	0	—	9.8	-0.7	28	36	0	20	0	58	19	0	dr.	7	BAHARIYA
62423	FARAFRA																		dr.		FARAFRA
62432	DAKHLA	270	2	35	00	0	0	—	9.1	-0.1	28	37	-2	21	-2	22	4	0	dr.		DAKHLA
62435	KHARGA	360	2	35	00	0	0	—	9.1	+0.7	30	37	-2	23	0	40	15	0	0		KHARGA
62450	SUEZ	360	4	35	00	0	5	Cu	9.4	+0.8	26	37	+1	23	0	70	20	0	12	17	SUEZ
62459	TOR	20	8	35	00	0	0	—	5.9	-0.4	26	33	-1	25	0	70	20	0	dr.	13	TOR
62462	HURGHADA	320	17		00	0	0	—	5.2		28	32		24		70	22	0	7		HURGHADA
62465	QUSEIR	360	9	15	02	0	0	—	4.6	-1.8	31	34	0	27	0	59	22	0	0	4	QUSEIR
62641	PORT SUDAN																	0	61	103	PORT SUDAN
62600	WADI HALFA																	0	27		WADI HALFA
62640	ABU HAMAD																	0			ABU HAMAD
62660	KAREIMA																	0	40	16	KAREIMA
62680	'ATBARA																	0	29	39	'ATBARA
62721	KHARTUM																	0	23	97	KHARTUM
62780	KASSALA																	0	235	192	KASSALA
62751	WAD MEDANI																	0	167	252	WAD MEDANI
62801	RENK																	0		242	RENK
62802	ROSEIRES																	0	334	510	ROSEIRES
62771	EL OBEID																	0	188	214	EL OBEID
62760	EL FASHER																	0	98	190	EL FASHER
62770	GENEINA																	Rain		340	GENEINA
62840	MALAKAL																	0	798	527	MALAKAL
62880	WAU																	0	752	806	WAU
62941	JUBA																	0	550	775	JUBA

HUMIDITY %

Mean of day

STATION	11th	Diff. from normal
Alexandria	79	+5
Ezbekiya	66	+5
Giza	68	+6
Helwan	61	+10

GIZA GRASS MINIMUM TEMP. ON 12th Aug. 13.4 °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

PRESSURE 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 11th Aug.

HEIGHT m.	Fouad A.P. DIR.	Fouad A.P. VEL.	Port Said DIR.	Port Said VEL.	Huiya DIR.	Huiya VEL.	Hurghada DIR.	Hurghada VEL.	Matruh DIR.	Matruh VEL.
TIME	15		15		15		15		15	
300	330	19	320	16	360	23	270	19	320	10
600	340	23	300	16	360	20	340	15	320	12
1000	330	23	320	6	350	24	320	16	300	12
1500	320	24	340	5	350	25	320	18	290	12
2000	320	5	320	10	360	19	240	15	280	8
3000	20	4	260	6	340	22			280	13
4000									200	9
5000										
6000										
7000										
8000										

UPPER WIND OBSERVATIONS on 12th Aug.

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.	
TIME	9		3 30		3		9						3		9						9		
300	320	15	320	11	310	14	300	9					10	13	330	10					330	25	
600	320	16	330	13	310	13	320	9							340	18					320	15	
1000	320	15	330	13	300	8	350	8					360	14	340	17					320	15	
1500	330	8	320	13	260	7	300	6					20	16	340	14					280	8	
2000	320	10					300	6							330	16					230	22	
3000	310	5					220	2															
4000																							
5000																							
6000																							
7000																							
8000																							

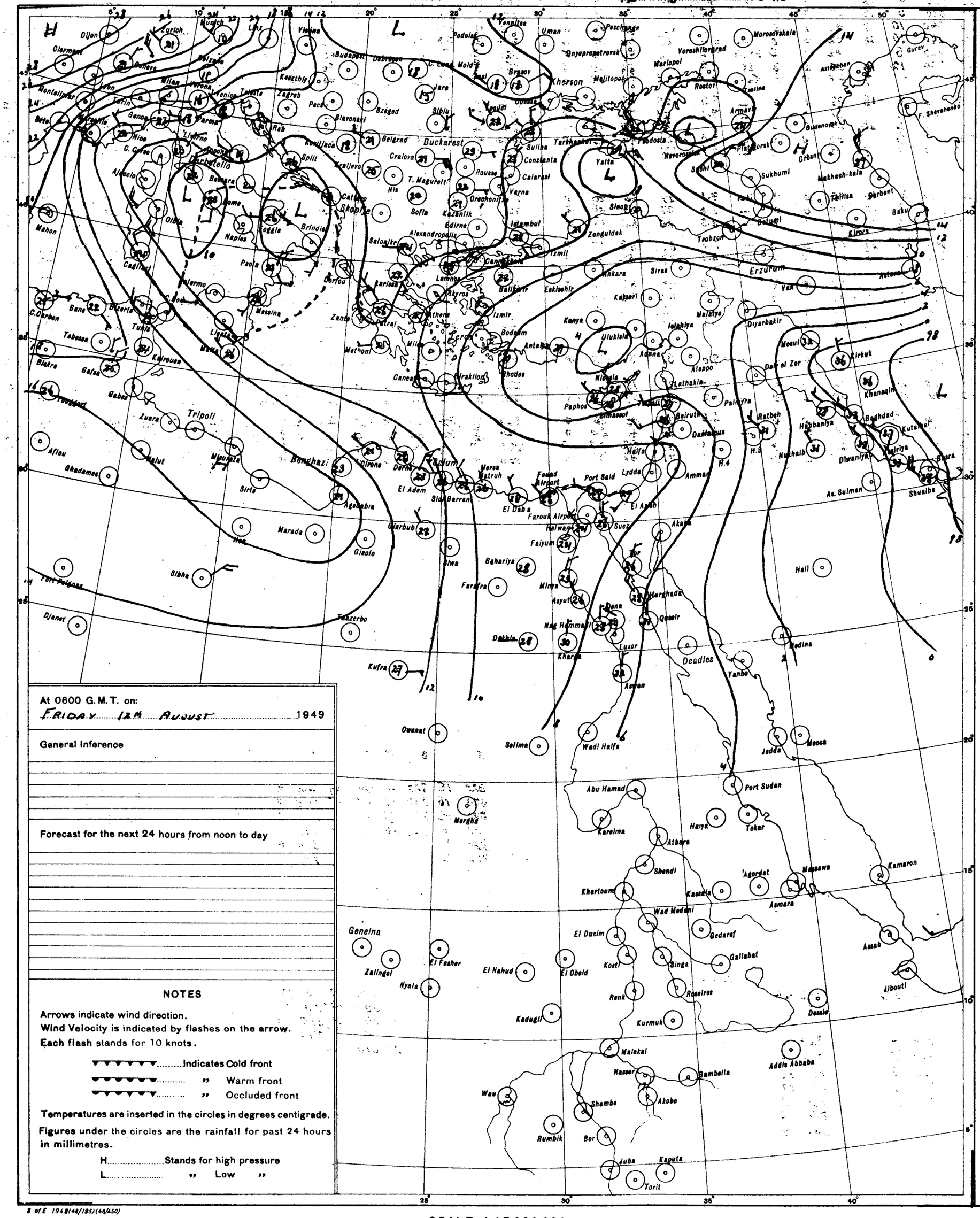
HEIGHT m.	SIWA DIR.	SIWA VEL.	BAHARIYA DIR.	BAHARIYA VEL.	DAKHLA DIR.	DAKHLA VEL.	KHARGA DIR.	KHARGA VEL.	WADI HALFA DIR.	WADI HALFA VEL.	ABU HAMAD DIR.	ABU HAMAD VEL.	KAREIMA DIR.	KAREIMA VEL.	KHARTUM DIR.	KHARTUM VEL.	KASSALA DIR.	KASSALA VEL.	EL OBEID DIR.	EL OBEID VEL.	EL FASHER DIR.	EL FASHER VEL.	MALAKAL DIR.	MALAKAL VEL.
TIME			9		7		7																	
300			290		350	10	10	18																
600			290		350	10	360	17																
1000			10	16	340	16	350	22																
1500			310		320	15	350	24																
2000			290	29	310	12																		
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

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

Note: All times 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 14 8 1949



At 0600 G.M.T. on:
FRIDAY 12TH AUGUST 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 21 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 : Saturday 13th August , 1949

At 1200 on Fri. 12th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms
MEDITERRANEAN	62300	SALUM	20	13	7	03	0	0	—	10.6	29	59	20	0
	62303	SIDI BARANI	320	10	50	00	0	2	Cu	11.3	27	58	23	0
	62306	MATRUH	10	10	17	02	1	1	Cu	9.6	29	55	19	0
	62309	EL DABA	320	5	35	00	0	0	—	10.4	28	62	20	0
		ALEXANDRIA	360	6	50	00	0	0	—	8.6	27	62	19	0
	62318	FOUAD (Airport)	330	10	18	02	0	0	—	8.8	29	55	19	
	62330	DAMIETTA	320	2	15	00	0	0	—	8.6	28	70	22	0
	62333	PORT SAID	350	13	30	02	1	0	—	8.1	28	62	20	0
	62336	EL 'ARISH	320	2	35	01	0	0	—		28	70	22	0
LOWER EGYPT	62339	DAMANHUR	310	9	15	02	0	0	—	9.5	29	70	23	0
	62342	MANSURA	320	9	35	00	0	0	—	8.2	32	49	20	0
	62345	TANTA	310	5	35	02	1	0	—	8.3	33	38	17	0
	62354	ZAGAZIG	40	5	15	00	0	0	—	8.6	33	44	19	0
	62441	ISMAILIA	190	2	35	02	0	0	—	7.1	36	29	15	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMAZA												
		EZBEKIYA	360	3	35	00	0	0	—	7.8	33	44	19	0
		GIZA	360	3	35	00	0	0	—	8.3	33	41	18	0
	62378	HELWAN	290	9	15	00	0	0	—	7.5	33	24	10	0
UPPER EGYPT	62381	FAIYUM	00	0	35	01	0	0	—	7.8	34	36	17	0
	62387	MINYA	40	10	12	00	0	0	—	7.3	35	35	17	0
	62393	ASYUT MANQABAD	320	6	30	00	0	0	—	7.2	35	15	5	
	62399	NAG' HAMMADI	270	3	7	00	0	0	—	5.4	36	29	15	0
	62407	QENA	240	5	50	00	0	0	—	4.3	40	19	12	0
	62405	LUXOR												
	62414	ASWAN	340	8	50	00	0	0	—	4.7	39	23	14	0
OASES	62417	SIWA												
	62420	BAHARIYA	320	3	35	02	0	0	—	8.6	35	23	11	0
	62423	FARAFRA												
	62432	DAKHLA	320	3	50	00	0	0	—	8.0	36	13	4	0
	62435	KHARGA	360	6	35	00	0	0	—	7.6	37	31	17	0
RED SEA	62450	SUEZ	360	7	35	01	0	0	—	6.6	34	32	7	0
	62459	TOR	310	7	35	00	0	0	—	4.7	31	66	24	0
	62462	HURGHADA	340	14		00	0	0	—	3.6	30	66	23	0
	62465	QUSEIR	20	9	15	02	0	0	—	5.0	31	70	25	0
	62641	PORT SUDAN	270	1	30	03	2	8	Ac. Cs	2.9	44	19	15	
NORTH SUDAN	62600	WADI HALFA	340	11	30	02	0	1	Ci	5.8	39	20	12	
	62640	ABU HAMAD	350	5	30	01	0	1	Ci	4.1	40	12	6	
	62660	KAREIMA	290	9	30	00	0	0	—	4.9	40	11	4	
	62680	'ATBARA	250	2	30	00	0	0	—	4.9	39	20	12	
	62721	KHARTUM	230	7	30	03	1	2	Cu, Ac	6.2	36	35	18	
	62730	KASSALA	200	5	30	03	0	3	Cu	8.0	34	41	19	
CENTRAL SUDAN	62751	WAD MEDANI	130	5	35	02	2	7	Cu		31			
	62801	RENK												
	62802	ROSEIRES	230	5	35	01	H	2	Ac	7.6	30	59	21	
	62771	EL OBEID	50	10	30	01	2	6	Cu, Ac	6.4	33	36	16	
	62760	EL FASHER	50	4	30	02	1	6	Cu		33	41	18	
	62770	GENEINA												
S. SUDAN	62840	MALAKAL	230	2	30	02	1	4	Cu, Ac	8.4	31	55	21	
	62880	WAU	00	0	30	03	2	6	Cu	7.2	32	56	22	
	62941	JUBA	360	12	30	03	2	7	Cu, Ac	7.8	33	53	22	

At 1800 on Fri 12th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms
MEDITERRANEAN	62300	SALUM	320	5	7	02	0	0	—	10.0	27	84	24	0
	62303	SIDI BARANI	330	8	35	00	0	0	—	10.5	25	94	24	0
	62306	MATRUH	340	5	13	03	0	2	Sc	9.8	25	74	20	0
	62309	EL DABA	320	4	15	00	0	0	—	9.5	26	74	21	0
		ALEXANDRIA	360	5	7	00	0	0	—	8.8	26	70	20	0
	62318	FOUAD (Airport)												
	62330	DAMIETTA	190	5		02	0	0	—	8.8	25	74	20	0
	62333	PORT SAID	330	16	15	02	0	0	—	8.4	26	70	20	0
	62336	EL 'ARISH	340	2	15	03	1	0	—	8.6	26	84	23	0
LOWER EGYPT	62339	DAMANHUR	360	9	15	02	0	0	—	9.5	26	84	23	0
	62342	MANSURA	360	9		00	0	0	—	9.3	25	74	20	0
	62345	TANTA	00	0	35	02	0	0	—	9.9	23	65	16	0
	62354	ZAGAZIG	320	5		00	0	0	—	9.3	27	70	21	0
	62441	ISMAILIA	340	5	7	02	0	0	—	8.2	28	58	19	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMAZA												
		EZBEKIYA	360	5	15	00	0	0	—	8.7	28	62	20	0
		GIZA	360	5	15	00	0	0	—	8.2	27	61	19	0
	62378	HELWAN	340	4	7	00	0	1	Ci	7.5	30	40	15	0
UPPER EGYPT	62381	FAIYUM	00	0	35	02	0	0	—	6.4	30	52	19	0
	62387	MINYA	00	0	10	00	0	0	—	7.0	28	58	19	0
	62393	ASYUT MANQABAD												
	62399	NAG' HAMMADI				00	0	0	—	5.4	29	40	14	0
	62407	QENA	290	5	7	00	0	0	—	5.5	30	35	13	0
	62405	LUXOR	00	0	12	00	0	0	—	5.7	32	22	8	0
	62414	ASWAN	340	10	50	00	0	0	—	5.9	35	18	7	0
OASES	62417	SIWA												
	62420	BAHARIYA	270	4	15	02	0	0	—	8.8	30	31	11	0
	62423	FARAFRA												
	62432	DAKHLA	320	3	35	00	0	0	—	7.9	31	17	3	0
	62435	KHARGA	00	0	15	00	0	0	—	7.6	32	38	16	0
RED SEA	62450	SUEZ	360	7	3	02	0	0	—	8.0	29	59	20	0
	62459	TOR	310	4	15	00	0	0	—	4.7	30	84	27	0
	62462	HURGHADA	300	10		00	0	0	—	3.5				0
	62465	QUSEIR	360	6	15	02	0	0	—	4.3	29	79	25	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 0600 on Saturday 13th August,

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C Dry Bulb	TEMPERATURES °C MAXIMUM Yesterday	TEMPERATURES °C MAXIMUM Diff. from normal	TEMPERATURES °C MINIMUM Today	TEMPERATURES °C 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
MEDITERRANEAN	62300	SALUM	290	12	7	03	0	0	—	10.4		15	31		19		74	20	0		
	62303	SIDI BARANI	320	11	50	03	1	5	Cu	10.6		26	27		24		74	21	0	278	
	62306	MATRUH	200	4	14	01	0	1	Sc	9.5		26	30		20		70	20	0		
	62309	EL DABA	320	4	35	00	0	2		9.5		26			18		74	21	0		
		ALEXANDRIA	310	5	50	03	1		Sc, Ac	9.4	-0.7	26	29	-1	23	-1	70	20	0	267	186
	62318	FOUAD (Airport)	320	7	18	03	1	5	Sc	9.2		26			20		70	20	0	265	138
	62330	DAMIETTA	220	2		03	0	2	Fs, Fc	9.5	+0.5	26	30		17		74	21	0	319	106
	62333	PORT SAID	20	1	18	02	0	4	Sc	8.9		26	30		24		70	20	0	72	
	62336	EL 'ARISH	00	0	35	02	1	3	Cu	8.8	-0.2	26	30	-1	21	0	84	23	0		94
LOWER EGYPT	62339	DAMANHUR	310	9	7	02	0	0	—	9.8	+0.1	25	31	-2	19	-1	95	25	0	102	101
	62342	MANSURA	320	5	35	00	0	0	—	9.3	0.0	26	34	-1	19	-2	70	20	0	49	55
	62345	TANTA	00	0	35	02	0	0	—	10.2	+0.3	25	34	-1	15	-5	74	20	0	34	44
	62354	ZAGAZIG	40	5	7	03	0	4	Ac	9.5	-0.5	26			20	0	70	20	0	21	27
	62441	ISMAILIA	110	2	7	00	1	5	Sc	9.1		27	36		22		62	19	0	14	
CAIRO AREA	62366	FAROUK (Airport)																			
	62372	ALMAZA	40	9	13	00	0	2	Sc	9.2	-0.4	25					70	19	0		
		EZBEKIYA	360	1	15	00	0	0	—	9.4	-0.2	25	34	-1	21	-1	74	20	0	8	26
		GIZA	360	1	15	00	0	0	—	9.9	+0.4	26	34	-1	20	0	69	18	0	16	27
	62378	HELWAN	20	4	7	00	0	0	—	9.4	-0.1	24	34	-1	22	+1	69	18	0	16	29
UPPER EGYPT	62381	FAIYUM	360	2	35	02	0	0	—	8.8	-0.9	26	35	-1	21	0	70	20	0	8	8
	62387	MINYA	30	9	10	00	0	0	—	8.8		25	36		21		70	19	0	5	
	62393	ASYUT MANQABAD	340	4	30	00	0	0	—	8.4		27			22		55	17	0	dr.	
	62399	NAG' HAMMADI	00	0		00	0	0	—	7.5	0.0	29	37		20		52	18	0	0	
	62407	QENA	240	5	35	00	0	0	—	7.5	+0.2	31	42	+2	24	0	38	15	0	dr.	
	62405	LUXOR	00	0	30	00	0	0	—	7.3		32	40		22		24	9	0	dr.	
	62414	ASWAN	00	0	50	00	0	0	—	7.6	+0.4	31	41	0	25	-1	36	14	0	2	
OASES	62417	SIWA																		1	8
	62420	BAHARIYA	360	2	35	02	0	0	—	9.9	-0.6	27	36	0	20	0	52	16	0	dr.	7
	62423	FARAFRA																		dr.	
	62432	DAKHLA	320	2	35	00	0	0	—	9.1	-0.1	27	38	-1	22	-1	27	6	0	dr.	
	62435	KHARGA	00	0	35	00	0	0	—	8.6	+0.1	29	38	-1	22	-1	46	16	0	0	
RED SEA	62450	SUEZ	00	0	35	00	0	0	—	8.6	-0.1	27	36	0	22	-1	66	20	0	12	17
	62459	TOR	20	1	35	00	0	0	—	5.8	-0.6	27	35	+1	24	-1	62	19	0	dr.	13
	62462	HURGHADA	310	14		00	0	0	—	6.4		28	32		24		66	21	0	7	
	62465	QUSEIR	360	9	15	02	0	0	—	5.8	-1.5	32	34	0	26	-1	38	16	0	0	4
	62641	PORT SUDAN	100	4	30	03	1	3	ac	4.7		37	45		28		27	15	0	61	103
NORTH SUDAN	62600	WADI HALFA	00	0	30	00	0	0	—	85		29	39		23		33	11	0	27	
	62640	ABU HAMAD	360	9	30	00	0	0	—	6.2		34	41		26		15	4	0		
	62660	KAREIMA	70	2	30	00	0	0	—	7.1		30	41		25		33	12	0	40	16
	62680	'ATBARA	290	2	30	00	0	0	—	7.0		30	41		23		21	5	0	29	40
	62721	KHARTUM	220	8	30	01	1	1	Ci	6.9		31	39		27		52	20	0	23	100
	62730	KASSALA	180	5	30	00	0	0	—	8.3		27	35		23		70	21	0	235	197
CENTRAL SUDAN	62751	WAD MEDANI	180	5	50	00	0	2	Cc	8.4		28	34		23		58	19	0	167	257
	62801	RENK																			346
	62802	ROSEIRES	180	2	35	00	0	0	—	10.0		26	33		21		79	22	0	334	517
	62771	EL OBEID	220	6	30	03	1	8	Ac	9.2		26	34		23		66	19	0	188	218
	62760	EL FASHER	00	0	30	02	1	8	ac			26	34		24		62	18	dr.	98	194
	62770	GENEINA	230	8	30	03	8	8	Cu, Sc			22	31		21		94	21	0.4		348
S. SUDAN	62840	MALAKAL	10	1	30	01	2	5	Ac	10.5		26	33		22		84	23	0	798	583
	62880	WAU	150	5	30	25	8	7	Ns	11.8		23	33		22		89	21	dr	752	813
	62941	JUBA	180	5	30	03	2	7	ac	11.2		25	33		21		79	21	0	550	780

HUMIDITY

Mean of day

STATION	%	Diff. from normal
Alexandria	67	-7
Ezbekiya	66	+5
Giza	61	-1
Helwan	55	+4

GIZA

GRASS MINIMUM TEMP.

ON 13th Aug. 15.5 °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

PRESSURE mbs.	AIRPORT HEIGHT ABOVE M.S.L. FEET	AIRPORT TEMP. °C.	AIRPORT HUMID. %	AIRPORT WIND DIR.	AIRPORT WIND VEL.	PRESSURE mbs.	AIRPORT HEIGHT ABOVE M.S.L. FEET	AIRPORT TEMP. °C.	AIRPORT HUMID. %	AIRPORT WIND DIR.	AIRPORT WIND VEL.	PRESSURE mbs.	AIRPORT HEIGHT ABOVE M.S.L. FEET	AIRPORT TEMP. °C.	AIRPORT HUMID. %	AIRPORT WIND DIR.	AIRPORT WIND VEL.
On ... At ...						On ... At ...						On ... At ...					
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 Aug.

STATION	Fouad A.P.				Port Said				Minya				Hurghada				Matruh							
TIME	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.
300	340	14			310	15			10	14			340	16			320	14						
600	340	17			250	15			10	10			340	20			320	12						
1000	320	12			260	8							330	23			320	14						
1500	300	10			240	7			300	14			310	20			300	10						
2000	170	8			330	8			300	20			350	9			320	10						
3000	280	9			280	8							250	27			240	4						
4000																	300	9						
5000																	230	18						
6000																	210	10						
7000																								
8000																								

UPPER WIND OBSERVATIONS on 13th Aug.

STATION	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SAID		EL 'ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA		
TIME	9				3		3				9		3		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	10			330	7	330	9			20	4	20	17	320	5			330	6	340	31		
600	330	10			340	6					10	4	40	15	10	4			350	15	340	19		
1000	330	11			300	10					320	4	20	10	230	3			350	19	340	22		
1500					320	7					310	3	350	8	310	6			350	11	270	14		
2000											210	4	280	8	300	5			330	9	220	6		
3000											200	12	130	9	210	21					280	25		
4000											190	9			230	14								
5000																								
6000																								
7000																								
8000																								

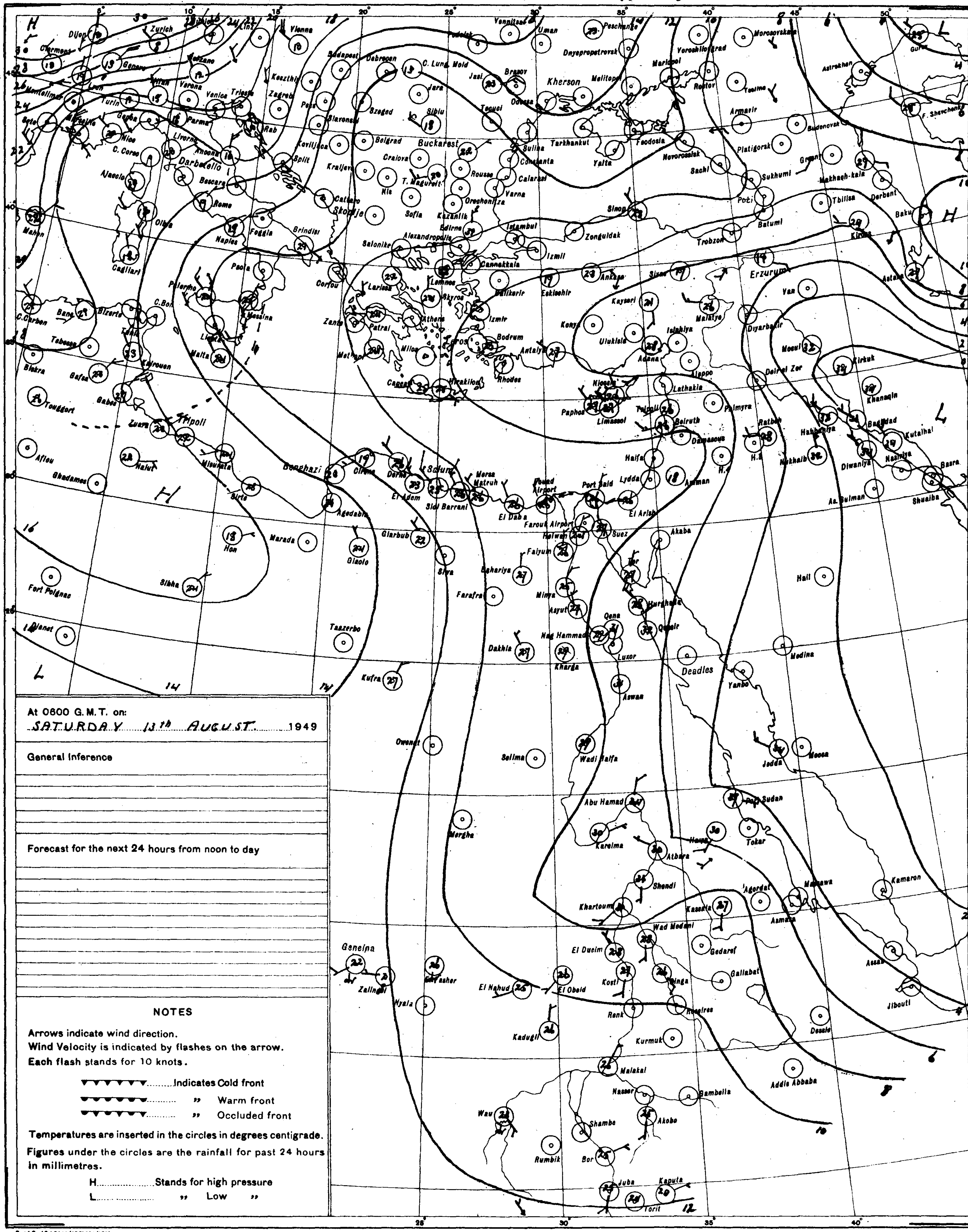
STATION	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME			9		9		7																	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300			330	23	330	7	350	7																
600			320	30	330	4	350	14																
1000			300	20	340	14	350	16																
1500			330	24	340	16																		
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

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

Note: All times 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 8 1949



At 0600 G.M.T. on:
SATURDAY 13th AUGUST 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 „

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

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

CAIRO
Time of Sunrise 03 21 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: Sunday 14th August, 1949

At 1200 on Sat. 13th / At 1800 on Sat. 13th

Area	Index Number	Station	1200 Wind Direction	1200 Velocity in knots	1200 Visibility in kilometres	1200 Present weather	1200 Past weather	1200 Cloud amount O-8	1200 Cloud form	1200 Bar. pressure M.S.L. mbs	1200 Temperature °C	1200 Humidity %	1200 Dew point °C	1800 Wind Direction	1800 Velocity in knots	1800 Visibility in kilometres	1800 Present weather	1800 Past weather	1800 Cloud amount O-8	1800 Cloud form	1800 Bar. pressure M.S.L. mbs	1800 Temperature °C	1800 Humidity %	1800 Dew point °C	Rain past 12 hrs mms
Mediterranean	62300	SALÛM	360	14	7	02	0	0	—	9.8	29	66	22	320	4	7	03	0	1	Cu	10.0	27	70	21	0
	62303	SÎDI BARRÂNI	330	13	50	02	1	5	Cu	9.9	28	79	24	330	8	50	01	1	2	Cu	9.9	25	94	24	0
	62306	MATRÛH												350	5		03	1	4	Cu	10.1	25	74	20	0
	62309	EL DABA	320	6	35	00	0	0	—	9.9	25?	74	20	320	5		00	0	0	—	9.4	26	74	21	0
		ALEXANDRIA	310	9	50	00	0	0	—	9.1	28	62	20	360	5	7	[illegible]	0	0	—	9.9	25	74	20	0
	62318	FOUAD (Airport)	320	14	18	02	0	0	—	9.9	29	46	16	360	6	12	02	0	0	—	9.0	24	79	20	0
	62330	DAMIETTA	340	2	15	00	0	0	—	9.3	28	62	20	340	5		02	0	0	—	9.5	25	74	20	0
	62333	PORT SAÎD	20	2	30	02	0	0	—	9.0	29	59	20	360	11	18	02	0	0	—	8.8	26	70	20	0
	62336	EL 'ARÎSH	320	9	35	01	0	0	—	8.8	28	66	21	340	5	35	02	0	0	—	7.6	26	70	20	0
Lower Egypt	62339	DAMANHÛR	360	13	15	02	0	0	—	9.4	31	66	24	40	5	15	02	0	0	—	9.5	25	84	22	0
	62342	MANSÛRA	360	5	35	00	0	0	—	8.6	32	43	18	360	5		00	0	0	—	10.3	25	70	19	0
	62345	TANTA	270	5	35	02	0	0	—	9.1	33	38	17	00	0	35	02	0	0	—	9.4	24	69	18	0
	62354	ZAGAZÎG	320	5	15	00	1	0	—	9.3	32	56	22	40	5		00	0	0	—	9.3	26	62	18	0
	62441	ISMAILIA	20	2	35	02	0	0	—	8.0	34	32	15	360	2	15	02	0	0	—	8.3	27	62	19	0
Cairo Area	62366	FAROUK (Airport)																							
	62372	ALMAZA																							
		EZBEKIYA	360	5	35	00	0	0	—	8.7	32	36	15	00	0	15	00	0	0	—	8.7	29	46	16	0
		GIZA	360	5	35	00	0	0	—	9.2	31	39	15	00	0	15	00	0	0	—	9.9	28	50	16	0
	62378	HELWÂN	320	6	35	02	0	0	—	8.3	32	34	14	360	4	15	02	0	0	—	9.6	29	46	16	0
Upper Egypt	62381	FAIYÛM	360	2	35	02	0	0	—	8.0	33	30	13												
	62387	MINYA	00	0	12	00	0	0	—	8.1	35	32	16	00	0	10	00	0	0	—	7.0	27	52	16	0
	62393	ASYÛT	340	4	18	00	0	0	—	7.5	36	19	9												
	62396	NAG' HAMMADI	360	1	7	00	0	0	—	6.3	36	29	15	00	0		00	0	0	—	5.6	28	62	20	0
	62402	QENA	240	5	50	00	0	0	—	5.9	39	21	13	240	5	7	00	0	0	—	6.3	32	34	14	0
	62405	LUXOR												00	6	12	00	0	0	—	5.7	33	16	4	0
	62414	ASWÂN	320	6	50	00	0	0	—	5.5	39	18	11	230	5	50	00	0	0	—	5.5	36	22	11	0
Oases	62417	SÎWA																							
	62420	BAHARÎYA	320	5	35	02	0	0	—	8.8	34	27	12												
	62423	FARAFRA																							
	62432	DAKHLA	320	6	50	00	0	0	—	7.5	35	15	5	320	3	35	00	0	0	—	8.4	30	21	5	0
	62435	KHARGA	00	0	35	00	0	0	—	7.2	37	31	17	00	0	15	00	0	0	—	7.8	32	38	16	0
Red Sea	62450	SUEZ	360	4	35	02	0	0	—	7.1	33	24	10	360	7	35	02	0	0	—	7.2	29	46	16	0
	62455	TÔR	310	5	35	00	0	0	—	5.3	34	47	21	310	9	15	01	0	0	—	5.6	28	79	24	0
	62463	HURGHADA	360	9		00	0	0	—	4.1	31	62	23	280	5		00	0	0	—	4.2?	30	40	15	0
	62465	QUSEIR	40	9	15	02	0	0	—	4.9	32	59	23	330	5	15	02	0	0	—	5.0?	30	66	23	0
	62641	PORT SUDAN																							
North Sudan	62600	WÂDI HALFA	200	4	30	00	0	0	—	5.8	39	23	14												
	62640	ABU HAMAD	270	1	30	00	0	0	—	4.6	41	13	7												
	62650	KAREIMA	270	3	30	00	0	0	—	4.9	40	14	8												
	62682	ATBARA	270	2	30	03	1	4	Ac, Cs	3.7	40	10	2												
	62721	KHARTÛM	240	6	30	03	2	6	Ci, Ac	5.0	38	22	13												
	62730	KASSALA	180	2	30	00	0	1	Cu	5.1	35	44	21												
Central Sudan	62751	WAD MEDANI	240	9	35	01	0	6	Cu	5.3	36	35	18												
	62801	RENK																							
	62802	ROSEIRES	230	2	35	00	0	0	—	8.4	43	17	13												
	62771	EL OBEID	240	9	30	01	2	6	Ac	7.8	32	38	16												
	62760	EL FASHER	180	1	30	01	1	6	Cu, Ac		32	41	17												
	62770	GENEINA																							
S. Sudan	62840	MALAKAL	270	2	30	03	1	4	Cu	7.4	33	47	20												
	62880	WAU	180	9	30	03	1	6	Cu, Ac	8.8	31	55	21												
	62941	JUBA	50	20	30	03	2	3	Cu	8.2	30	52	21												

At 0600 on Sunday 14th August

Station	Wind Direction	Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud amount O-8	Cloud form	Bar. pressure M.S.L. mbs	Diff. from normal mbs	Temp. Dry bulb	Maximum Yesterday	Max. Diff. from normal	Minimum Today	Min. Diff. from normal	Humidity %	Dew point °C	Rainfall past 24 hrs.	Total from Oct. 1st	Normal from Oct. 1st
SALÛM	270	5	7	01	0	0	—	10.4		26	30		20		74	21	0		
SÎDI BARRÂNI	300	5	35	03	2	7	Cu	10.8		26	28		21		74	21	0	278	
MATRÛH	340	4	15	03	1	4	Cu	10.3		26	29		20		70	20	0		
EL DABA	320	4	35	01	1	2		9.8		26			18		74	21	0		
ALEXANDRIA	270	6	50	01	1		Sc, Ac	10.0	-0.1	26	29	-1	23	-1	70	20	0	267	186
FOUAD (Airport)	300	7	35	02	0	0	—	9.3		26	30		20		70	20	0	265	138
DAMIETTA	320	2		03	1	2	Cu	9.8	+0.7	26	30		17		74	21	0	319	106
PORT SAÎD	280	5	14	03	1	6	Sc	9.4		26	30		24		70	20	0	72	
EL 'ARÎSH	00	0	35	02	0	0	—	9.5	+0.4	28	30	-1	19	-2	68	19	0		94
DAMANHÛR	270	9	7	02	0	0	—	10.2	+0.5	26	32	-1	19	-1	74	21	0	102	101
MANSÛRA	270	5	35	00	0	0	—	9.8	+0.4	25	34	-1	18	-3	84	22	0	49	55
TANTA	00	0	35	02	0	0	—	9.4	-0.5	24	33	-2	15	-5	84	21	0	34	44
ZAGAZÎG	220	5	7	00	0	0	—	10.3?	+0.2	26	35	0	18	-2	74	21	0	21	27
ISMAILIA	360	2	7	00	1	4	Sc	9.8		26	35		21		62	18	0	14	
FAROUK (Airport)																			
ALMAZA																			
EZBEKIYA	20	2	15	00	0	0	—	10.2	+0.5	25	33	-2	20	-2	70	19	0	8	26
GIZA	20	2	15	00	0	0	—	10.6	+1.0	24	32	-3	17	-3	74	19	0	16	27
HELWÂN	20	3	7	00	0	0	—	9.6	0.0	23	33	-2	20	-1	74	18	0	16	29
FAIYÛM	360	5	35	02	0	0	—	10.0	+0.9	26			20	-1	62	18	0	8	8
MINYA	20	10	10	00	0	0	—	9.3		25	36		20		65	18	0	5	
ASYÛT	320	3	30	00	0	0	—	8.9		27			22		42	13	0	dr.	
NAG' HAMMADI	00	0		00	0	0	—	7.5	-0.1	29	38		20		52	18	0	0	
QENA	240	5	35	00	0	0	—	7.8	+0.5	31	41	+1	24	0	43	17	0	dr.	
LUXOR											40							dr.	
ASWÂN	40	0	50	00	0	0	—	7.5	+0.2	31	41	0	26	0	36	14	0	2	
SÎWA																		1	8
BAHARÎYA	360	3	35	02	0	0	—	10.3	-0.3	25			20	0	70	19	0	dr.	7
FARAFRA																		dr.	
DAKHLA	320	2	35	00	0	0	—	8.8	-0.5	27	37	-2	22	-1	27	6	0	dr.	
KHARGA	00	0	35	00	0	0	—	8.6	0.0	30	38	-1	23	0	40	15	0	0	
SUEZ	360	6	35	00	0	0	—	9.6	+0.8	25	35	-1	21	-2	70	19	0	12	17
TÔR	310	6	35	00	0	0	—	6.6	+0.2	27	35	+1	23	-2	74	23	0	dr.	13
HURGHADA	310	7		00	0	0	—	5.6		28	31		24		66	21	0	7	
QUSEIR	360	9	15	02	0	0	—	5.1	-1.5	32	34	0	27	0	38	16	0	0	4
PORT SUDAN	120	2	30	03	1	6	Ac	4.6		33	39		27		56	23	0	61	103
WÂDI HALFA																		27	
ABU HAMAD	360	5	30	00	0	8	Cs	6.1		35	42		27		13	3	0		
KAREIMA	340	2	30	01	1	6	Ci, Cs	7.9		31	41		27		29	11	0	40	17
ATBARA	340	9	30	01	2	7	Ci	6.1		32	42		24		22	8	0	29	42
KHARTÛM																		23	102
KASSALA	180	9	30	00	0	0	—	9.8		27	37		24		66	20	0	235	202
WAD MEDANI	180	13	50	02	1	8	Sc	12.8		23	37		22		84	20	1	168	262
RENK	40	9	50	02	6	8	Ci			22	34		20		94	21	54		351
ROSEIRES	230	21?	7	95	6	8	Cb	13.5		22	36		21		94	21	47	381	525
EL OBEID	280	7	30	03	2	8	As	11.2		25	34		22		61	17	0	188	222
EL FASHER	00	0	30	01	1	4	Ac			23	32		22		84	20	5	103	199
GENEINA	20	3	30	02	2	7	Ac			21	29		19		88	19	14		356
MALAKAL	130	11	30	61	6	8	Cb	15.1		23	33		22		94	22	5	803	589
WAU	00	0	30	03	8	8	Sc, Ac	13.4		22	32		21		89	20	dr.	752	820
JUBA	180	5	30	03	6	6	Cu, Ac	13.5		23	33		21		78	19	6	556	784

HUMIDITY — Mean of day

Station	On 13th	Diff. from normal
Alexandria	73	-1
Ezbekiya	55	-6
Giza	53	-10
Helwan	51	0

GIZA
Grass minimum temp. on 14th 12.2 °C

Remarks

UPPER AIR OBSERVATIONS

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

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

UPPER WIND OBSERVATIONS on 13th Aug.

Height m.	Foad A.P. Dir.	Foad A.P. Vel.	Port Said Dir.	Port Said Vel.	Minya Dir.	Minya Vel.	Hurghada Dir.	Hurghada Vel.
Time	15		15		15		15	
300	330	20	00	0	10	18	330	13
600	320	13	300	12	10	19	350	13
1000	300	15	300	16	360	16	250	16
1500	320	5	320	7	320	16	320	10
2000	290	3	320	7	320	14	290	11
3000	300	10	330	7			250	
4000	320	7	270	4				
5000			50	2				
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 14th Aug.

Height m.	Sîdi Barrâni Dir.	Vel.	Matrûh Dir.	Vel.	Fouad Airport Dir.	Vel.	Port Saîd 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.
Time	9		4		9		4				8 30		3		9				5		9	
300	300	15	310	15	310	23	310	6			320	8	350	13	330	6			350	5	340	36
600	300	16	320	14	330	16	360	6			340	6	340	11	350	14			350	14	240	28
1000	290	17	330	10	340	3	340	6			360	11	330	12	350	16			360	16	290	10
1500	270	14	320	12	330	7	340	5			360	10	280	17	320	16			270	10	250	18
2000			320	14			10	7			310	8	290	16	290	18			240	15	230	27
3000			340	9									280	9	210	11					220	24
4000															180	6						
5000																						
6000																						
7000																						
8000																						

Height m.	Sîwa Dir.	Vel.	Baharîya Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Wâdi Halfa Dir.	Vel.	Abû Hamad Dir.	Vel.	Kareima Dir.	Vel.	Khartûm Dir.	Vel.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fasher Dir.	Vel.	Malakâl Dir.	Vel.
Time			9		9		7		4								3 30						4	
300			10	29	340	28	360	7	350	7														
600			10	7	340	26	350	16	350	8							200	22					10	11
1000			350	10	350	16	340	19	350	9							250	11					360	12
1500							340	11	350	9							260	18					350	5
2000							270	9	320	8													260	5
3000									310	15							350	13					150	7
4000																								
5000																								
6000																								
7000																								
8000																								

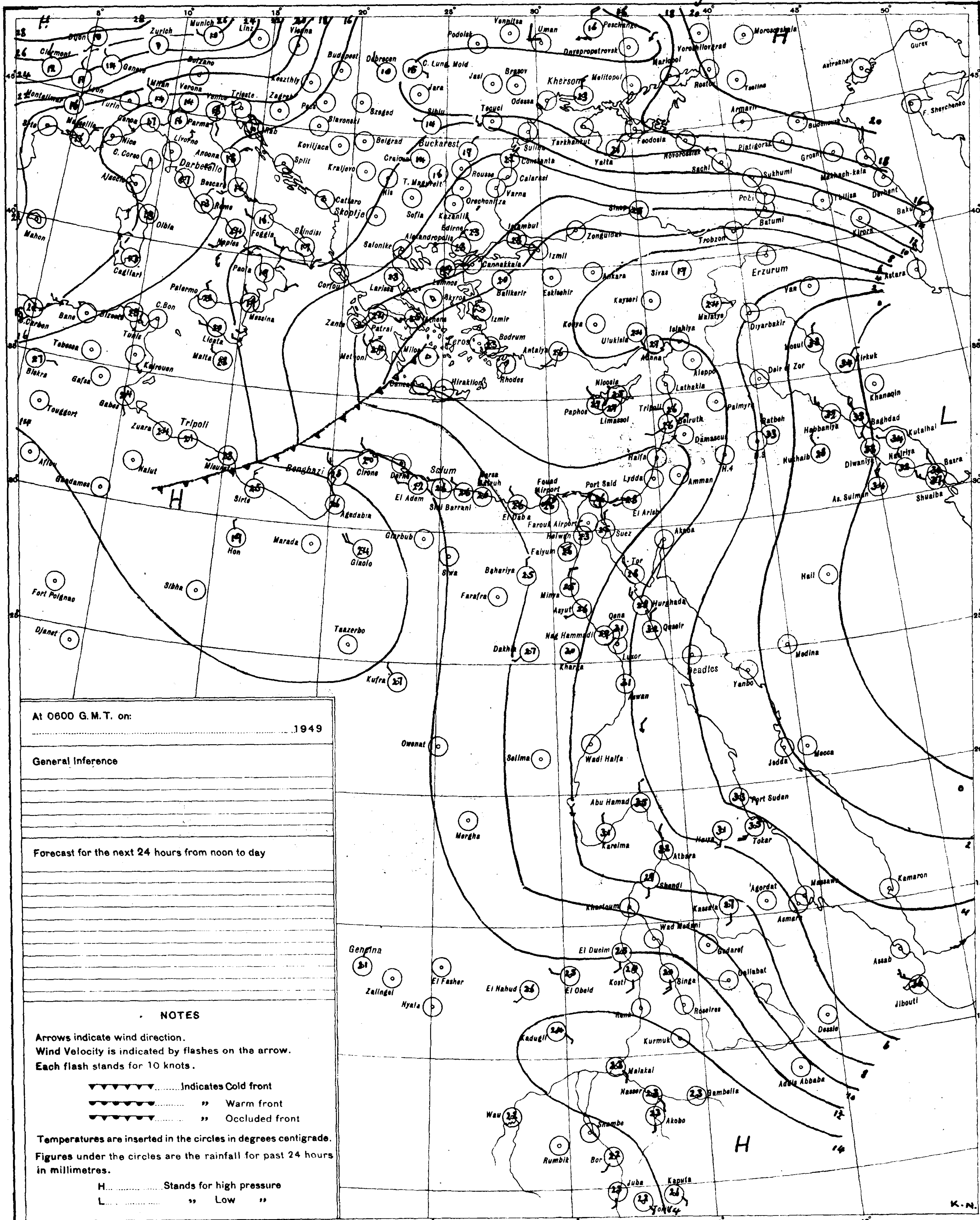
Remarks:
1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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

Note: All times G. M. T.

Form No. 7F.

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

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

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

CAIRO
Time of Sunrise 03 22 G.M.T.
" " Sunset 16 37 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date : Monday 15th August, , 1949

At 1200 on Sun. 14th Aug.

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALÛM	40	13	7	02	0	0	—	9.9	28	70	22
	62303	SIDI BARÂNI	40	10	60	01	0	0	—	9.8	27	79	23
	62306	MATRÛH	10	9	18	02	1	2	Cu	10.7	28	66	21
	62309	EL DABA	320	5		00	0	0	—	9.9	28	70	22
		ALEXANDRIA	310	9	50	00	0	0	—	9.9	28	62	20
	62318	FOUAD (Airport)	300	15	14	02	0	0	—	9.9	29	66	22
	62330	DAMIETTA	320	5	15	00	0	0	—	9.3	29	52	18
	62332	PORT SAÏD	360	10	30	02	0	0	—	8.9	28	66	21
	62336	EL 'ARISH	320	5	35	02	0	0	—	8.1	28	62	20
LOWER EGYPT	62339	DAMANHÛR	310	13	15	02	0	0	—	9.6	31	49	19
	62342	MANSÛRA	320	5	35	00	0	0	—	9.0	33	34	15
	62348	TANTA	310	5	35	02	0	0	—	9.4	33	30	13
	62354	ZAGAZIG	320	5	15	00	0	0	—	9.8	33	50	21
	62441	ISMAÏLIA	360	2	35	02	0	0	—	7.9	35	29	14
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMÂZA											
		EZBEKIYA	20	4	35	00	0	0	—	8.8	32	41	17
		GÎZA	20	4	35	00	0	0	—	8.2	31	42	17
	62378	HELWÂN	320	3	15	02	0	0	—	8.0	32	28	11
UPPER EGYPT	62381	FAIYUM	330	8	35	02	0	0	—	8.3	34	22	9
	62387	MINYA	20	11	12	00	0	0	—	8.1	35	29	14
	62393	ASYÛT MANQABAT	340	9	30	00	0	0	—	7.5	35	23	10
	62399	NAG' HAMMADI	270	3	7	00	0	0	—	6.3	36	29	15
	62402	QENA	290	5	50	00	0	0	—	5.1	40	23	15
	62405	LUXOR											
	62414	ASWÂN	290	5	50	00	0	0	—	5.4	39	23	14
OASES	62417	SIWA											
	62420	BAHARIYA	360	4	35	02	0	0	—	9.0	34	22	9
	62423	FARAFRA											
	62432	DAKHLA	320	4	50	00	0	0	—	8.0	36	13	4
	62435	KHARGA	00	0	35	00	0	0	—	7.8	37	35	19
RED SEA	62450	SUEZ	360	6	35	02	0	0	—	7.2	33	21	8
	62459	TÛR	310	6	35	00	0	0	—	6.8	32	59	23
	62462	HURGHÂDA	330	13		00	0	0	—	4.1	30	66	23
	62465	QUSEIR	360	9	15	02	0	0	—	4.9	32	59	23
	62641	PORT SUDAN	80	9	30	03	1	7	Cu,Ac	3.0	37	29	16
NORTH SUDAN	62600	WÂDI HALFA	20	5	30	02	0	1	Ac	5.6	39	23	14
	62640	ABU HAMAD	290	2	30	00	0	0	—	3.1	41	7	-1
	62660	KAREIMA											
	62680	ATBARA											
	62721	KHARTUM	220	9	30	00	0	0	—	6.8	33	38	17
	62730	KASSALA	220	9	30	00	0	0	—	6.8	33	47	20
CENTRAL SUDAN	62751	WÂD MEDANI	200	39	35	01	1	6	Ac	9.4	28	58	19
	62801	RENK											
	62802	ROSEIRES	200	2	36	00	0	0	—	8.5	29	59	20
	62771	EL OBEID	180	12	30	02	2	7	Cu,Ac	10.9	28		18
	62760	EL FÂSHER											
	62770	GENEINA											
S. SUDAN	62840	MALAKÂL	200	8	30	02	8	8	Cu,Ac	11.8	28	70	22
	62880	WÂU	00	0	30	03	2	7	Cu,Ac	9.6	31	49	19
	62941	JUBA	50	2	30	15	1	6	Cu,Ci	9.6	31	49	19

At 1800 on Sun. 14th Aug.

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST 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	0	—	10.6	27	79	23	0
62303	SIDI BARÂNI	330	8	35	03	1	6	Cu	11.2	25	94	24	0
62306	MATRÛH	10	10	13	03	1	3	Cu	10.6	25	74	20	0
62309	EL DABA	320	3	15	00	0	0	—	9.5	26	74	21	0
	ALEXANDRIA	360	9	7	00	0	0	—	9.9	26	70	20	0
62318	FOUAD (Airport)	330	15	14	02	0	2	Sc	9.6	25	74	20	0
62330	DAMIETTA	320	5		02	0	0	—	9.6	25	84	22	0
62332	PORT SAÏD	350	13	14	02	0	0	—	8.9	26	74	21	0
62336	EL 'ARISH	320	2	15	03	0	1	Cu		26	74	21	0
62339	DAMANHÛR	360	9	15	02	0	0	—	9.5	25	84	22	0
62342	MANSÛRA	320	5		00	0	0	—	9.9	26	70	20	0
62348	TANTA	00	0	35	02	0	0	—	9.5	26	70	20	0
62354	ZAGAZIG												
62441	ISMAÏLIA	20	2	15	02	0	0	—	8.4	28	52	17	0
62366	FAROUK (Airport)												
62372	ALMÂZA												
	EZBEKIYA	20	3	15	00	0	0	—	9.1	28	49	16	0
	GÎZA	20	3	15	00	0	0	—	8.9	27	48	15	0
62378	HELWÂN	340	9	7	06	0	0	—	8.4	29	35	12	0
62381	FAIYUM	20	5	35	02	0	0	—	7.6	31	38	15	0
62387	MINYA	00	0	10	00	0	0	—	8.2	26	55	16	0
62393	ASYÛT MANQABAT												
62399	NAG' HAMMADI				00	0	0	—	6.2	29	46	16	0
62402	QENA	270	5	7	00	0	0	—	5.5	31	41	16	0
62405	LUXOR	00	0	12	00	0	0	—	5.7	33	16	4	0
62414	ASWÂN	320	5	50	00	0	0	—	6.7	33	28	12	0
62417	SIWA												
62420	BAHARIYA	320	2	15	02	0	0	—	9.4	30	31	11	0
62423	FARAFRA												
62432	DAKHLA	320	3	35	00	0	0	—	8.2	30	21	5	0
62435	KHARGA	00	0	15	00	0	0	—	7.8	32	34	14	0
62450	SUEZ	20	12	15	02	0	0	—	7.2	29	52	18	0
62459	TÛR	310	9	15	00	0	0	—	3.4	31	52	20	0
62462	HURGHÂDA	310	14		00	0	0	—	4.3				0
62465	QUSEIR	360	5	7	02	0	0	—	4.9	30	66	23	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 FÂSHER												
62770	GENEINA												
62840	MALAKÂL												
62880	WÂU												
62941	JUBA												

At 0600 on Monday 15th August.

INDEX NUMBER	STATION	WIND 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.	STATION
62300	SALÛM	220	10	7	03	0	2	Ac	11.8		25			19		70	19	0			SALUM
62303	SIDI BARÂNI	330	19	35	03	2	7	Cu	11.1		26	28		18		70	20	0	278		SIDI BARÂNI
62306	MATRÛH	330	11	14	02	1	2	Sc	11.0		26	30		20		62	18	0			MATRÛH
62309	EL DABA	320	5	35	01	1	3		10.7		26			19		70	20	0			EL DABA
	ALEXANDRIA	310	5	50	03	2	6	Cu	10.6	+0.4	26	29	-1	23	-1	62	18	0	267	186	ALEXANDRIA
62318	FOUAD (Airport)	340	6	13	01	2	5	Sc	10.2		26	30		23		62	18	0	265	138	FOUAD (Airport)
62330	DAMIETTA	340	2	7	03	1	3	Ac	9.8	+0.7	26	30		18		74	21	0	319	106	DAMIETTA
62332	PORT SAÏD	280	8	14	03	1	5	Sc	9.6		26	29		24		74	21	0	72		PORT SAÏD
62336	EL 'ARISH	220	2	35	02	0	1	Cu	9.9	+0.7	27	29	-2	18	-3	70	21	0		94	EL 'ARISH
62339	DAMANHÛR	310	9	7	03	1	2	Cu	10.4	+0.6	26	32	-1	20	0	74	21	0	102	101	DAMANHÛR
62342	MANSÛRA	320	5	35	00	0	0	—	10.0	+0.6	26	34	-1	21	0	74	21	0	49	55	MANSÛRA
62348	TANTA	00	0	35	02	0	0	—	10.8	+0.9	25	33	-2	16	-4	74	20	0	34	44	TANTA
62354	ZAGAZIG	220	5	7	03	0	4	Ac	11.1	+0.9	26			20	0	74	21	0	21	27	ZAGAZIG
62441	ISMAÏLIA	320	2	3	02	0	6	Sc	10.0		25	35		22		74	20	0	14		ISMAÏLIA
62366	FAROUK (Airport)																				FAROUK (Airport)
62372	ALMÂZA																				ALMÂZA
	EZBEKIYA	360	2	35	01	1	5	Cu	10.6	+0.8	26	33	-2	22	0	66	19	0	8	26	EZBEKIYA
	GÎZA	360	2	35	01	1	5	Cu	11.0	+1.3	26	33	-2	20	0	70	20	0	16	27	GÎZA
62378	HELWÂN	360	5	7	00	0	2	Sc	10.6	+0.9	24	33	-2	21	0	69	18	0	16	29	HELWÂN
62381	FAIYUM	360	8	35	03	1	6	Cu	10.8	+0.9	25	35	-1	21	0	74	20	0	8	8	FAIYUM
62387	MINYA	30	3	10	00	0	0	—	10.9		26	36		18		62	18	0	5		MINYA
62393	ASYÛT MANQABAT	270	8	30	00	0	0	—	9.9		26	36		22		51	15	0	dr.		ASYÛT MANQABAT
62399	NAG' HAMMADI	00	0		00	0	0	—	8.3	+0.6	28	38		19		52	17	0	0		NAG' HAMMADI
62402	QENA	240	5	7	00	0	0	—	8.0	+0.6	28	41	+1	24	0	40	13	0	dr.		QENA
62405	LUXOR											40							dr.		LUXOR
62414	ASWÂN	340	2	50	00	0	0	—	7.9	+0.5	31	40	-1	26	0	33	13	0	2		ASWÂN
62417	SIWA																		1	8	SIWA
62420	BAHARIYA	360	3	35	02	0	0	—	11.5	+0.8	26	35	-1	21	+1	62	18	0	dr.	7	BAHARIYA
62423	FARAFRA																		dr.		FARAFRA
62432	DAKHLA	00	0	35	00	0	0	—	9.6	+0.2	27	34	-5	23	0	27	6	0	dr.		DAKHLA
62435	KHARGA	00	0	35	00	0	0	—	9.4	+0.8	29	38	-1	21	-2	52	18	0	0		KHARGA
62450	SUEZ	00	0	35	00	0	5	Cu	10.6	+1.7	25	37	+1	22	-1	70	19	0	12	17	SUEZ
62459	TÛR	20	2	7	00	0	0	—	6.6	+0.1	28	34	0	24	-1	52	17	0	dr.	13	TÛR
62462	HURGHÂDA	310	21		00	0	0	—	6.3		28	31		24		52	17	0	7		HURGHADA
62465	QUSEIR	360	13	15	02	0	0	—	7.2	+0.6	30	33	-1	25	-2	46	17	0	0	4	QUSEIR
62641	PORT SUDAN	130	3	30	01	2	5	Ac	6.4		36	39		27		40	20	0	61	103	PORT SUDAN
62600	WÂDI HALFA	00	0	30	02	3	7	Cs	8.8		38	41		23		19	11	0	27		WÂDI HALFA
62640	ABU HAMAD	00	0	30	03	1	7	Cs			31	42		27		19	5	0			ABU HAMAD
62660	KAREIMA	20	7	30	01	1	4	Ci	8.2		32	42		26		21	7	0	40	17	KAREIMA
62680	ATBARA	250	3	30	02	1	8	As,Cs	5.5		30	42		27		46	17	0	29	43	ATBARA
62721	KHARTUM	230	13	30	03	1	5	Ci			29	36		25		55	19	0	23	104	KHARTUM
62730	KASSALA	180	9	30	03	1	6	Ci, Cs	11.5		27	35		22		70	21	0	235	206	KASSALA
62751	WÂD MEDANI																		168	267	WÂD MEDANI
62801	RENK																			355	RENK
62802	ROSEIRES	180	2		02	1	8	As,Fc	12.4		23	30		21		94	22	0	381	532	ROSEIRES
62771	EL OBEID																		188	226	EL OBEID
62760	EL FÂSHER	00	0	30	01	1	3	Ac			25	35		23		70	19	1	104	203	EL FÂSHER
62770	GENEINA	00	0	30	01	1	3	Ac			21	32		19		94	20	0		364	GENEINA
62840	MALAKÂL	00	0	30	02	2	7	Ac	13.9		23	30		21		94	22	dr.	803	595	MALAKÂL
62880	WÂU	70	3	30	01	2	4	Cic	12.7		26	32		23		79	22	0	752	827	WAU
62941	JUBA	160	2	30	03	2	8	Sc,Cs	14.3		22	32		19		89	20	5	561	788	JUBA

HUMIDITY % Mean of day

STATION	On 14th	Diff from normal
Alexandria	67	-6
Ezbekiya	54	-7
Giza	57	-6
Helwân	51	0

GÎZA
GRASS MINIMUM TEMP. ON 15th Aug. 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 14th Aug.

STATION	Matruh		Foad A/P		Port Said		Minya		Hurghada	
TIME	15		15		16		15		15	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	330	20	320	8	330	13	360	12	340	30
600	350	13	320	16	320	13	350	17	340	21
1000	300	26	320	15	320	13	340	20	340	11
1500			340	16	260	4	340	23	330	30
2000			320	5	290	5	330	17	300	23
3000					340	8	330	20	270	30
4000					260	17				
5000										
6000										
7000										
8000										

UPPER WIND OBSERVATIONS on 15th Aug.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		EL 'ARISH		HELWÂN		MINYA		ASYÛT MANQABAD		LUXOR		ASWÂN		HURGHADA	
TIME	9		3 30		3		3				9		3 30		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.
300	310	23	280	17	320	9	310	9			290	7	10	19	330	9			340	5	340	29
600	320	23	310	16	290	10	330	13			310	10	350	18	350	12			350	16	350	16
1000	330	25	320	20	280	10	340	10			340	10	360	16	350	16			340	23	310	19
1500							340	9			330	19	360		340	19			310	20	240	17
2000							350	8			340	5	20		320	14					260	21
3000							30	3					40								160	5
4000							290	9														
5000																						
6000																						
7000																						
8000																						

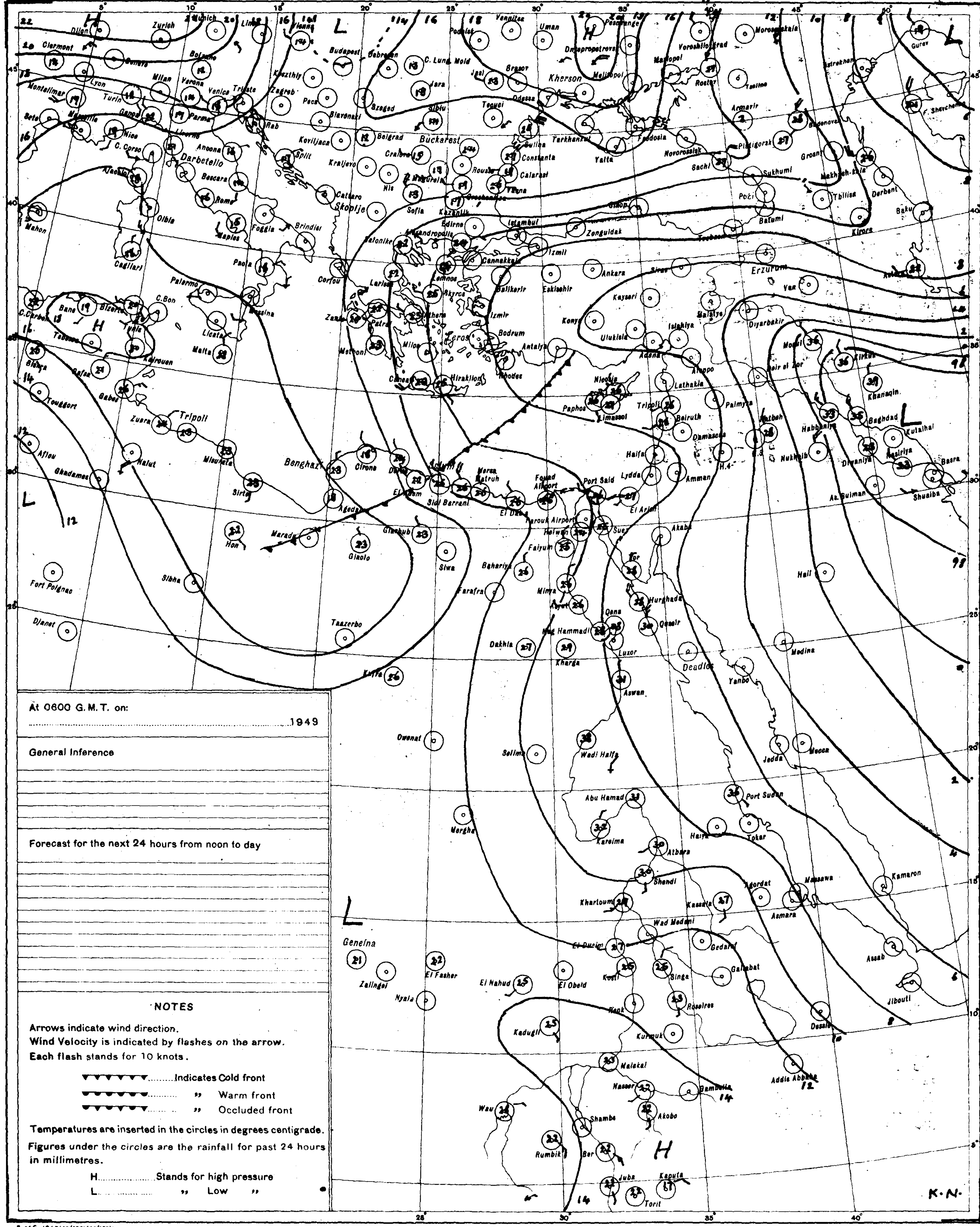
STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME			9		9		7		4												4 15		4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300			300		350	13	20	15	350	10														
600			300		350	18	20	18	360	13													110	5
1000			320	9	360	20	360	16	350	11											310	5	110	3
1500			290	24	350	25			350	11											240	7	140	4
2000					340	22																		
3000									300	10														
4000																								
5000																								
6000																								
7000																								
8000																								

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

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

Note: All times G. M. T.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 15th August 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	Thunderstorm during the past hour	91
Hail		93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	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 22 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 : Tuesday 16th August, 1949

At 1200 on Mon. 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	SALÛM	320	15	7	02	0			12.0	30	59	21	
	62303	SÎDI BARÂNI												
	62306	MATRÛH	360	18	14	03	1	4	Sc	11.2	28	52	18	
	62309	EL DABA	320	7	35	00	0	0	—	11.5	27	62	19	
		ALEXANDRIA												
	62318	FOUAD (Airport)	290	12	16	01	1	2	Sc	10.2	30	55	20	
	62330	DAMIETTA	320	5	15	00	0	0	—	9.5	28	70	22	
	62333	PORT SA'ÎD	360	13	30	01	1	0	—	9.0	27	74	22	
	62336	EL 'ARISH	320	9	35	01	0	0	—	9.0	29	66	22	
LOWER EGYPT	62339	DAMANHUR	360	9	15	01	1	1	Cu	9.9	30	66	23	
	62342	MANSURA	320	5	35	01	1	3	Cu	9.0	32	43	18	
	62345	TANTA	310	5	25	02	0	0	—	8.9	33	44	19	
	62354	ZAGAZIG	220	5	15	00	1	0	—	9.8	33	50	21	
	62441	ISMA'ÎLIA												
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMÂZA												
		EZBEKÎYA	340	4	35	00	0	0	—	9.0	32	43	18	
		GÎZA	340	4	35	00	0	0	—	9.9	32	45	19	
	62378	HELWÂN	290	4	35	02	0	0	—	9.0	31	43	17	
UPPER EGYPT	62381	FAIYÛM	360	2	35	01	0	0	—	8.8	34	36	17	
	62387	MINYA	20	13	12	00	0	0	—	8.6	34	39	18	
	62393	ASYÛT MANGABÂD	320	13	30	00	0	0	—	8.3	34	30	14	
	62398	NAG' HAMMÂDI	270	4	7	00	0	0	—	6.8	36	29	14	
	62402	QENA	290	5	50	00	0	0	—	6.2	39	17	10	
	62405	LUXOR												
	62414	ASWÂN	320	7	50	00	0	0	—	6.2	38	21	12	
OASES	62417	SÎWA												
	62420	BAHARÎYA	360	6	35	03	1	3	Cc	9.3	33	84	15	
	62423	FARAFRA												
	62432	DAKHLA	320	2	50	00	0	0	—	8.8	35	19	8	
	62435	KHARGA	360	1	35	00	0	0	—	8.0	36	33	17	
RED SEA	62450	SUEZ	360	5	35	01	0	0	—	7.6	33	30	13	
	62459	TÛR	310	9	35	00	0	0	—	4.8	31	52	20	
	62462	HURGHÂDA	330	19		00	0	0	—	4.7	30	46	17	
	62465	QUSEIR	360	9	15	02	0	0	—		31	59	22	
	62641	PORT SÛDÂN	60	10	30	03	1	7	Cc	3.5	36	44	22	
NORTH SÛDÂN	62600	WÂDI HALFA	340	13	30	01	2	7	Ci	6.6	39	24	15	
	62640	ABU HAMAD	340	6	30	01	2	4		4.8	42	16	11	
	62660	KAREIMA	320	9	30	01	1	4	Cs	5.2	41	19	13	
	62680	'ATBARA	340	5	30	03	2	4	Ci	4.4	40	11	4	
	62721	KHARTÛM	340	3	30	03	1	5	Cu, Cs	5.5	39	20	12	
	62780	KASSALA	230	2	30	03	1	7	Cu, Ac	7.9	33	50	21	
CENTRAL SÛDÂN	62751	WÂD MEDANI	230	9	35	01	1	4	Cu	7.1			17	
	62801	RENK												
	62802	ROSEIRES												
	62771	EL OBEID												
	62760	EL FÂSHER	130	12	30	15	1	6	Cb		33	36	16	
	62770	GENEINA	270	1	30	01	1	6	Cc, Ac		30	52	19	
S. SÛDÂN	62840	MALAKÂL												
	62880	WÂU												
	62941	JUBA												

At 1800 on Mon. 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	SALÛM	320	4	7	02	0	0	—	11.9	26	70	20	0
	62303	SÎDI BARÂNI	320	19	35	02	2	8	Cu, Cs	11.2	25	74	20	0
	62306	MATRÛH	350	12	13	01	1	3	Sc	11.6	25	70	19	0
	62309	EL DABA	320	2	7	00	0	0	—	9.8	24	74	19	0
		ALEXANDRIA	330	5	7	01	2	0		10.3	25	74	20	0
	62318	FOUAD (Airport)	340	10	18	02	1	2	Sc	9.9	24	79	20	0
	62330	DAMIETTA	320	5		02	0	0	—	9.6	25	74	20	0
	62333	PORT SA'ÎD	340	15	18	03	0	2	Sc	9.3	26	74	21	0
	62336	EL 'ARISH	300	2	15	03	0	0	—	8.4	26	84	23	0
LOWER EGYPT	62339	DAMANHUR	360	5	15	02	0	0	—	10.3	25	84	22	0
	62342	MANSURA	340	5		00	1	0	—	9.5	25	74	20	0
	62345	TANTA	00	0	25	02	0	0	—	9.5	26	70	20	0
	62354	ZAGAZIG	320	5		00	0	0	—	9.9	26	70	20	0
	62441	ISMA'ÎLIA	20	2	7	02	0	0	—	8.8	27	70	21	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMÂZA												
		EZBEKÎYA	340	3	15	00	0	0	—	9.9	27	62	19	0
		GÎZA	340	3	15	00	0	0	—	10.3	27	64	20	0
	62378	HELWÂN	340	6	15	02	0	0	—	8.6	28	68	19	0
UPPER EGYPT	62381	FAIYÛM	00	0	35	02	0	0	—	7.9	30	40	15	0
	62387	MINYA	00	0		00	0	0	—	8.3	26	55	16	0
	62393	ASYÛT MANGABÂD												
	62398	NAG' HAMMÂDI	270	2		00	0	0	—	6.8	29	40	14	0
	62402	QENA	240	5	7	00	0	0	—	6.2	33	24	10	0
	62405	LUXOR	310	11	12	00	0	0	—	6.4	33	23	9	0
	62414	ASWÂN	340	9	50	00	0	0	—	7.2	33	26	11	0
OASES	62417	SÎWA												
	62420	BAHARÎYA	320	3	15	02	1	0	—	9.0	30?	31	11	0
	62423	FARAFRA												
	62432	DAKHLA	320	4	35	00	0	0	—	9.0	31	22	7	0
	62435	KHARGA	00	0	15	00	0	0	—	8.7	31	43	17	0
RED SEA	62450	SUEZ	360	8	3	02	0	0	—	8.6	28	62	20	0
	62459	TÛR	310	21	15	00	0	0	—	4.3	30	52	19	0
	62462	HURGHÂDA	310	16		00	0	0	—	4.4	29	55	19	0
	62465	QUSEIR	330	5	15	02	0	0	—		29	62	21	0
	62641	PORT SÛDÂN												
NORTH SÛDÂN	62600	WÂDI HALFA												
	62640	ABU HAMAD												
	62660	KAREIMA												
	62680	'ATBARA												
	62721	KHARTÛM												
	62780	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 Tuesday 16th August,

AREA	INDEX NUMBER	STATION	WIND 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	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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.
MEDITERRANEAN	62300	SALÛM	320	5	7	03	1	5	Ac	12.2		25	32		19		70	19	0		
	62303	SÎDI BARÂNI	340	19	50	02	2	8	Sc, Cu	12.4		26	28		23		70	20	0	278	
	62306	MATRÛH	10	11	11	02	1	5	Sc	11.1		26	29		23		62	18	0		
	62309	EL DABA	320	6	15	01	1	3		11.6		26			23		62	18	0		
		ALEXANDRIA	310	10	50	01	2	3	Sc	11.5	+1.2	26	29	-1			70	20	0	267	186
	62318	FOUAD (Airport)	340	7	12	01	2	3	Sc	9.5		27	30		23		66	20	0	265	138
	62330	DAMIETTA	270	2	7	03	0	2	Ac	9.1	-0.1	26	29		18		74	21	0	319	106
	62333	PORT SA'ÎD	280	9	12	02	0	1	Sc	9.0		25	28	.	24		84	22	0	72	
	62336	EL 'ARISH	220	2	35	01	0	0	—	9.1	-0.1	26	30	-1	21	0	70	20	0		94
LOWER EGYPT	62339	DAMANHUR	310	13	7	02	1	2	Cu	10.2	+0.3	26	31	-2	20	0	74	21	0	102	101
	62342	MANSURA	320	9	35	00	1	0	—	9.3	-0.2	26	34	-1	20	-1	74	21	0	49	55
	62345	TANTA	220	2	35	02	0	0	—	9.4	-0.6	25	33	-2	16	-4	74	20	0	34	44
	62354	ZAGAZIG	40	5	7	03	0	3	Ac	9.6	-0.7	27	34	-1	19	-1	70	21	0	21	27
	62441	ISMA'ÎLIA	290	2	3	00	2	7	Sc	9.3		26	35		22		70	20	0	14	
CAIRO AREA	62366	FAROUK (Airport)																			
	62372	ALMÂZA																			
		EZBEKÎYA	340	2	15	00	0	6	Cu	10.0	+0.1	25	33	-2	22	0	70	19	0	8	26
		GÎZA	340	2	15	00	0	6	Cu	10.3	+0.5	26	33	-1	21	+1	68	20	0	16	27
	62378	HELWÂN	340	11	15	00	2	5	Cu	9.8	0.0	24	33	-2	21	0	69	18	0	16	29
UPPER EGYPT	62381	FAIYÛM	360	8	35	03	1	6	Cu, Sc	10.4	+0.5	25	35	-1	20	-1	74	19	0	8	8
	62387	MINYA	20	11	8	03	0	4	Sc	10.0		24	36		20		79	20	0	5	
	62393	ASYÛT MANGABÂD	320	3	30	00	0	0	—	9.6		25			22		70	19	0	dr.	
	62398	NAG' HAMMÂDI	00	0		00	0	0	—	7.6	-0.2	28	36		21		45	15	0	0	
	62402	QENA	240	5	35	00	0	0	—	6.8	-0.6	28	40	0	25	+1	52	17	0	dr.	
	62405	LUXOR											39							dr.	
	62414	ASWÂN	20	4	50	00	0	0	—	7.9	+0.5	30	39	-2	26	0	43	16	0	2	
OASES	62417	SÎWA																		1	8
	62420	BAHARÎYA	360	6	35	02	1	5	Ac	11.2	+0.4	25	35	-1	20	0	70	19	0	dr.	7
	62423	FARAFRA																		dr.	
	62432	DAKHLA	320	5	35	00	0	0	—	10.2	+0.7	27	37	-2	24	+1	33	9	0	dr.	
	62435	KHARGA	340	2	35	00	0	0	—	9.8	+1.1	28	37	-2	25	+2	62	20	0	0	
RED SEA	62450	SUEZ	360	3	35	00	0	5	Cu	9.1	+0.1	25	35	-1	21	-2	70	19	0	12	17
	62459	TÛR	310	7	35	00	0	0	—	6.6	+0.1	27	33	-1	26	+2	62	19	0	dr.	13
	62462	HURGHÂDA	310	18		00	0	0	—	5.2		27	33		26		74	22	0	7	
	62465	QUSEIR	360	13	15	02	0	0	—	5.1	-1.5	30	32	-2	25	-2	52	19	0	0	4
	62641	PORT SÛDÂN	00	0	30	01	1	4	Ac, Cc	5.3		37	38		27		25	14	0	61	103
NORTH SÛDÂN	62600	WÂDI HALFA	00	0	30	01	0	0	—	8.7		29	40		24		37	13	0	27	
	62640	ABU HAMAD	310	2	30	03	1	4	Ci	6.5		32	42		26		17	4	0		
	62660	KAREIMA	20	28	30	01	1	5	Cs	7.5		33	41		27		14	2	0	40	18
	62680	'ATBARA	340	5	30	02	2	6	Cc, Ci	6.8		31	41		27		26	9	0	29	44
	62721	KHARTÛM	230	11	30	03	1	7	Ac, Cs	7.6		31	40		27		46	18	0	23	106
	62780	KASSALA	180	2	30	02	1	8	Cs	9.8		27	36		23		70	21	0	235	210
CENTRAL SÛDÂN	62751	WÂD MEDANI	180	9	50	01	1	4	Ci	11.7		27	33		22		66	20	0	168	271
	62801	RENK	230	2	50	00	0	0	—			27	31		21		79	23	0		359
	62802	ROSEIRES	200	2	15	02	2	6	Ac	10.6		25	31		21		64	22	0	381	539
	62771	EL OBEID	320	11	30	00	0	0	—	9.6		27	35		25		58	18	0	188	230
	62760	EL FÂSHER	00	0	30	02	1	7	Ac			25	34		23		70	19	0	104	208
	62770	GENEINA	270	4	30	02	2	7	Sc, Ac			21	32		20		94	21	38		372
S. SÛDÂN	62840	MALAKÂL	130	3	30	03	1	5	Ac	11.7		25	31		21		94	24	0	803	601
	62880	WÂU	260	2	30	01	1	2	Cu	11.9		26	34		22		74	21	dr.	752	834
	62941	JUBA	00	0	10	03	0	0	—	12.7		25	32		21		88	23	0	561	792

HUMIDITY % Mean of day

STATION	on 15th	Diff. from normal
Alexandria	68	-5
Ezbekîya	60	-1
Giza	62	-1
Helwân	60	+9

GÎZA
GRASS MINIMUM TEMP.
ON 16th 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

	AIRPORT						AIRPORT						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 15th

STATION	Fouad A.P.				Port Said				Minya				Hurghada				Matruh							
TIME	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.
300	320	33			330	16			350	25			340				310	27						
600	320	17			300	13			340	21			350				320	30						
1000	320	10			280	19			330	22			350				320	30						
1500	310	10			300	7			310	16			300				360	31						
2000					100	6			310	19			310											
3000					320	9			340	14														
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 16th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANGABÂD		LUXOR		ASWÂN		HURGHADA			
TIME	9				3		3				8 30		4		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	320	10	320	21	310	14	290	9			350	5	350	22	310	9			350	6	350			
600			320	23	320	16	330	10			330	10	340	19	330	16			330	13	320	30		
1000			330	21	340	20	340	10			10	9	330	23	320	20			340	32	290	16		
1500					350	12	50	6					320	21	350	12			320	11	190	4		
2000							80	11							360	14			280	18	140	9		
3000							340	9							360	11					290	10		
4000																								
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME			9		9		7		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	29	300	20	360	13	30	9														
600			340	31	290	23	360	15	40	15														
1000			340		280	11	360	15	60	19											280	5	310	1
1500			330	24			340	16	40	8											220	6	310	1
2000									320	8													70	3
3000									300	7											40	14	90	10
4000									350	6														
5000																								
6000																								
7000																								
8000																								

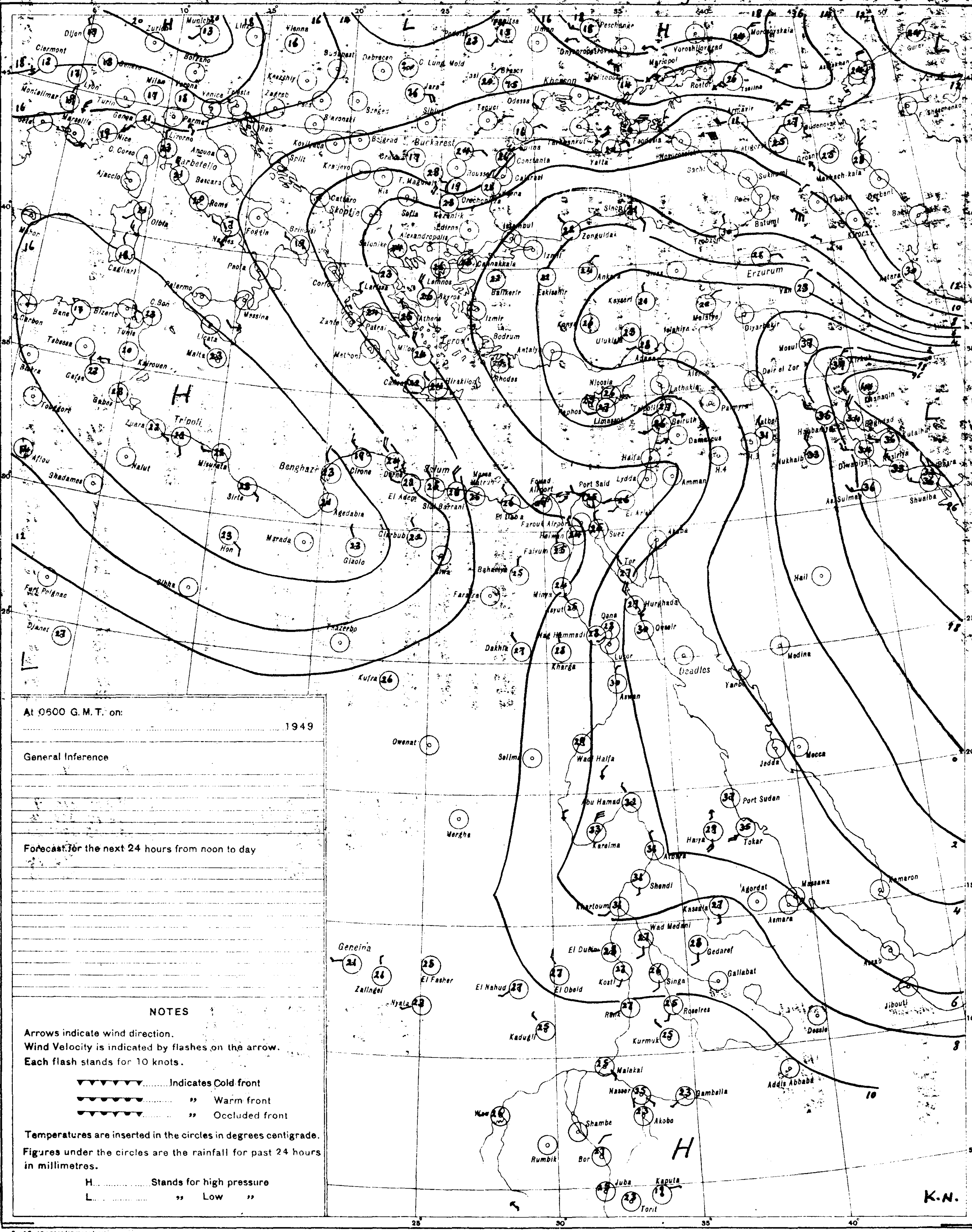
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 16th August 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 ,,

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

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

CAIRO

Time of Sunrise 03 23 G. M. T.

" " Sunset 16 35 G. M. T.

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

Form Nº 7 F.

DAILY WEATHER REPORT

Date : Wednesday 17th August , 1949

At 1200 on Tues. 16th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.
MEDITERRANEAN	62300	SALÛM	320	16	7	02	0	0	—	11.9	29	46	16	
	62303	SÎDI BARÂNI	260	8	50	01	1	5	cs	11.5	26	70	20	
	62306	MATRÛH	360	22	18	01	1	2	sc	11.1	27	62	16	
	62309	EL DABA	320	7	7	01	1	4		11.1	27	55	17	
		ALEXANDRIA	330	13	50	03	2	5	Cu,Sc	9.5	28	62	20	
	62318	FOUAD (Airport)	340	10	18	02	1	3	sc	9.2	29	59	20	
	62330	DAMIETTA	360	5	15	00	0	0	—	8.7	28	62	20	
	62333	PORT SA'ÎD	350	18	18	02	0	0	—	8.0	28	70	22	
	62386	EL 'ARISH	320	6	35	02	0	0	—	7.5	29	66	22	
LOWER EGYPT	62339	DAMANHUR	360	13	15	02	0	0	—	9.4	30	52	19	
	62342	MANSURA	360	9	35	00	0	0	—	8.4	33	38	17	
	62348	TANTA	310	8	35	02	0	0	—	9.6	32	43	18	
	62354	ZAGAZIG	320	5	15	00	1	0	-	10.0	34	47	21	
	62441	ISMAÎLIA	290	2	35	02	0	0	—	7.4	35	32	16	
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMÂZA												
		EZBEKÎYA	340	5	35	00	0	0	—	8.2	32	41	17	
		GÎZA	340	5	35	00	0	0	—	9.1	31	42	17	
	62378	HELWÂN	290	8	35	02	0	0	—	7.9	32	34	14	
UPPER EGYPT	62381	FAIYÛM	360	5	35	01	0	0	—	8.2	33	30	13	
	62387	MINYA	40	13	12	00	0	0	—	8.2	33	38	17	
	62393	ASYÛT MANQABÂD	340	13	30	00	0	0	—	7.6	32	22	8	
	62399	NAG' HAMMÂDI	270	3	7	00	0	0	—	6.2	34	32	15	
	62402	QENA	240	5	50	00	0	0	—	5.0	37	22	12	
	62405	LUXOR												
	62414	ASWÂN	320	13	50	00	0	0	—	5.8	37	25	14	
OASES	62417	SÎWA												
	62420	BAHARÎYA	360	5	35	02	1	0	—	9.1	33	34	15	
	62423	FARAFRA												
	62432	DAKHLA	320	5	50	00	0	0	-	8.4	32?	20	6	
	62435	KHARGA	360	2	35	00	0	0	—	7.8	35	42	20	
RED SEA	62450	SUEZ	360	9	35	01	0	0	—	7.1	32	38	16	
	62459	TÛR	310	19	35	00	0	0	—	4.8	30	66	23	
	62462	HURGHADA	330	17		00	0	0	—	4.1	29	62	21	
	62465	QUSEIR	360	13	15	02	0	0	—	4.2	31	59	22	
	62641	PORT SUDAN	40	10	30	01	1	1	ac	3.0	37	35	19	
NORTH SUDAN	62600	WÂDI HALFA	320	7	30	03	1	5	ac,ci	6.4	38	15	7	
	62640	ABU HAMAD	270	9	30	01	2	4	ci	8.4	40	11	4	
	62650	KAREIMA												
	62680	'ATBARA	270	2	30	03	1	5	ci	2.3	40	17	11	
	62721	KHARTÛM	270	10	30	02	1	3	cu,ac	3.9	40	11	4	
	62730	KASSALA	230	2	30	02	1	3	Cu	5.5	36	31	16	
CENTRAL SUDAN	62751	WÂD MEDANI	210	13	35	02	1	4	ci	4.6	38	25	15	
	62801	RENK												
	62802	ROSEIRES	180	2	35	00	0	0	—	7.9	30	35	20	
	62771	EL OBEID	10	7	30	03	1	4	Cu	5.8	34	32	15	
	62760	EL FÂSHER												
	62770	GENEINA	60	3	30	01	1	6	Cu		29	62	21	
S. SUDAN	62840	MALAKÂL	250	3	30	03	1	6	cu,ac	7.7	32	49	20	
	62880	WÂU	240	20	30	17	3	8	ac	7.9	32	49	20	
	62941	JUBA	50	2	30	02	1	4	cu,ac	7.2	33	50	21	

At 1800 on Tues 16th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.
MEDITERRANEAN	62300	SALÛM	220	6	7	02	0	0	—	11.2	26	74	21	
	62303	SÎDI BARÂNI	320	13	35	01	1	4	Cu	11.5	24	74	19	
	62306	MATRÛH	360	17	13	02	1	5	Sc	10.6	24	65	17	
	62309	EL DABA	230	5	15	00	0	0	—	10.1	23	74	18	
		ALEXANDRIA	360	9	7	01	2	4	Cu,Sc	9.5	24	84	21	
	62318	FOUAD (Airport)	340	14	18	02	1	3	Sc	8.8	25	70	19	
	62330	DAMIETTA	320	5		02	0	0	—	8.4	25	74	20	
	62333	PORT SA'ÎD												
	62386	EL 'ARISH	340	2	15	03	1	3	Cu	9.1	26	70	20	
LOWER EGYPT	62339	DAMANHUR	310	9	15	03	1	2	Cu	9.5	25	84	22	
	62342	MANSURA	320	5		00	0	0	—	9.0	25	70	19	
	62348	TANTA	310	2	35	02	0	0	—	9.6	25	70	19	
	62354	ZAGAZIG	320	5		00	0	0	—	9.0	25	70	19	
	62441	ISMAÎLIA	360	2	7	02	0	0	—	8.3	27	62	19	
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMÂZA												
		EZBEKÎYA	340	1	15	00	0	0	—	7.8	27	66	20	
		GÎZA	340	1	15	00	0	0	—		26	59	17	
	62378	HELWÂN	340	15	15	02	0	0	—	7.6	28	62	17	
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0	—	7.2	30	40	15	
	62387	MINYA	00	0	12	00	0	0	—	7.3	26	58	17	
	62393	ASYÛT MANQABÂD												
	62399	NAG' HAMMÂDI	00	0		00	0	0	—	5.4	28	45	15	
	62402	QENA	140	9	7	00	0	0	—	5.1	30	35	13	
	62405	LUXOR	360	5	12	00	0	0	—	5.0	31			
	62414	ASWÂN	340	5	50	00	0	0	—	5.6	33	28	12	
OASES	62417	SÎWA												
	62420	BAHARÎYA	360	3	15	02	0	•	—	9.1	30	40	15	
	62423	FARAFRA												
	62432	DAKHLA	320	3	35	00	0	0	—	7.1	31			
	62435	KHARGA	00	0	15	00	0	0	—	8.3	31	38	15	
RED SEA	62450	SUEZ	360	9	3	02	0	0	—	7.9	29	59	20	
	62459	TÛR	310	3	15	00	0	0	—	5.3	29	52	17	
	62462	HURGHADA	270	10		00	0	0	—	3.2	28	52	17	
	62465	QUSEIR	330	9	15	02	0	0	—	3.8	29	59	20	
	62641	PORT SUDAN												
NORTH SUDAN	62600	WÂDI HALFA												
	62640	ABU HAMAD												
	62650	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 0600 on Wednesday 17th August

AREA	INDEX NUMBER	STATION	WIND 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	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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.
MEDITERRANEAN	62300	SALÛM	350		7	03	2	0	—	10.6		26	30		19		55	16	0		
	62303	SÎDI BARÂNI	320	11	50	03	2	8	cu	10.6		25			18		58	16	0	278	
	62306	MATRÛH	360	13	12	02	1	5	sc	9.2		26	29		23		58	16	0		
	62309	EL DABA	320	7	15	01	1	4		8.3		26			23		62	18	0		
		ALEXANDRIA	360	9	50	01	2		Sc,Ac	8.0	-2.4	25	29	-1	23	0	70	19	0	267	186
	62318	FOUAD (Airport)	340	11	18	01	1	1	Sc	7.3		26	30		22		62	18	0	265	138
	62330	DAMIETTA	220	2	7	03	0	2	Ac	7.5	-1.8	26	29		17		74	21	0	319	106
	62333	PORT SA'ÎD	300	6	15	02	0	2	Sc	7.6		26			23		70	20	0	72	
	62386	EL 'ARISH	00	0	35	01	0	1	Cu	7.8	-1.5	28	30	-1	22	+1	66	21	0		94
LOWER EGYPT	62339	DAMANHUR	310	9	7	02	1	1	Cu	8.5	-1.4	26	31	-2	19	-1	84	23	0	102	101
	62342	MANSURA	320	5	35	00	1	0	—	7.8	-1.8	25	33	-2	20	-1	74	20	0	49	55
	62348	TANTA	00	0	35	02	0	0	—	8.9	-2.2	24	32	-3	16	-4	74	19	0	34	44
	62354	ZAGAZIG	320	5	7	03	0	2	Ac	7.9	-2.5	26	35	0	19	-1	74	21	0	21	27
	62441	ISMAÎLIA	320	2	3	00	2	6	Sc	7.6		26	36		20		70	20	0	14	
CAIRO AREA	62366	FAROUK (Airport)	20	3	12	02	2	6	Sc	8.3		24			21		74	19	0		
	62372	ALMÂZA	20	6	10	01	2	6	Sc	7.8	-2.2	24			21		69	18	0		
		EZBEKÎYA	00	0	15	00	0	6	Cu	8.2	-1.8	25	33	-2	22	0	70	19	0	8	26
		GÎZA	00	0	15	00	0	6	Cu	8.8	-1.4	24	33	-1	20	0	78	20	0	16	27
	62378	HELWÂN	340	8	15	00	2	5	Cu	7.9	-2.0	23	33	-2	21	0	74	18	0	16	29
UPPER EGYPT	62381	FAIYÛM	360	5	35	03	0	2	Cu,Sc	8.3	-1.7	25	35	-1	21	0	70	19	0	8	8
	62387	MINYA	360	10	10	01	2	5	Sc	8.5		24	34		20		69	18	0	5	
	62393	ASYÛT MANQABÂD	320	5	30	00	0	2	Cu	8.0		24			21		69	18	0	dr.	
	62399	NAG' HAMMÂDI	270	2		00	0	0	—	6.3	-1.6	27	35		19		62	19	0	0	
	62402	QENA	240	9	35	00	0	0	—	5.9	-1.6	27	39	-1	24	0	52	16	0	dr.	
	62405	LUXOR										37								dr.	
	62414	ASWÂN	00	0	50	00	0	0	—	6.0	-1.5	29	38	-3	25	-1	40	14	0	2	
OASES	62417	SÎWA																		1	8
	62420	BAHARÎYA	360	6	35	02	1	3	Ac	10.2	-0.6	23	34	-2	19	-1	74	18	0	dr.	7
	62423	FARAFRA																		dr.	
	62432	DAKHLA	320	4	35	00	0	0	—	8.8	-0.8	25	37	-2	20	-3	47	13	0	dr.	
	62435	KHARGA	20	5	35	00	0	0	—	8.0	-0.7	27	36	-3	22	-1	66	20	0	0	
RED SEA	62450	SUEZ	360	3	35	00	0	6	Cu	8.7	-0.3	25	36	0	22	-1	74	20	0	12	17
	62459	TÛR	360	2	35	00	0	0	—	5.2	-1.4	26	32	-2	25	+1	62	18	0	dr.	13
	62462	HURGHADA	320	18		00	0	0	—	4.1		26	30		25		74	21	0	7	
	62465	QUSEIR	360	19	15	02	0	0	—	3.5	-3.1	30	32	-2	26	-1	52	17	0	0	4
	62641	PORT SUDAN																	0	61	103
NORTH SUDAN	62600	WÂDI HALFA	00	0	30	00	0	0	—	7.0		27	39		22		35	10	0	27	
	62640	ABU HAMAD																			
	62650	KAREIMA	360	8		00	0	0	—								7		0	40	18
	62680	'ATBARA	20	5	30	00	0	0	—	5.4		32	41		25		22	8	0	29	45
	62721	KHARTÛM	220	5	30	01	0	0	—	6.5		29	41		26		52	18	0	23	108
	62730	KASSALA	180	6	30	00	0	0	—	8.4		26	37		23		62	18	0	235	214
CENTRAL SUDAN	62751	WÂD MEDANI																	0	168	276
	62801	RENK																			344
	62802	ROSEIRES																	2	383	546
	62771	EL OBEID	320	7	30	01	1	1	Ac	8.8		25	36		21		70	19	6	194	234
	62760	EL FÂSHER	170	10	30	00	1	1	Ac			24			22		74	19	0	104	213
	62770	GENEINA																			380
S. SUDAN	62840	MALAKÂL																	0	803	607
	62880	WÂU																	47	799	641
	62941	JUBA																	0	561	797

HUMIDITY % Mean of day

STATION	on 16th	Diff. from normal
Alexandria	75	+2
Ezbekiya	63	+2
Giza	59	-4
Helwân	57	+6

GÎZA GRASS MINIMUM TEMP. ON 17th 14.9 °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

PRESSURE mbs.	AIRPORT 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 16th

STATION	Matruh				Fouad A.P.				Port Said				Minya				Hurghada							
TIME	14 45				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	310	30			310	24			320	18			350	19			330	40						
600	310	13			320	34			320	16			340	23			340	30						
1000	310	30			320	22			310	16			330	22			320	20						
1500					290	8			300	10			340	29			320	25						
2000									220	3			350	25			320	23						
3000													360	25			350	6						
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		
TIME			5 15		3		3				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			140	12	320	12	300	9			320	6	340	17	300	12					340	28		
600			150	21	340	9	310	13			360	4	330	12	320	12			340	19	320	16		
1000			140	16	350	9	310	10			120	3	340	16	330	10			40	5	310	8		
1500					320	3					140	9	360	15					290	6	280	5		
2000					310	9					50	2	360	17					240	6	260	6		
3000					320	9							340	20										
4000					340	8																		
5000																								
6000																								
7000																								
8000																								

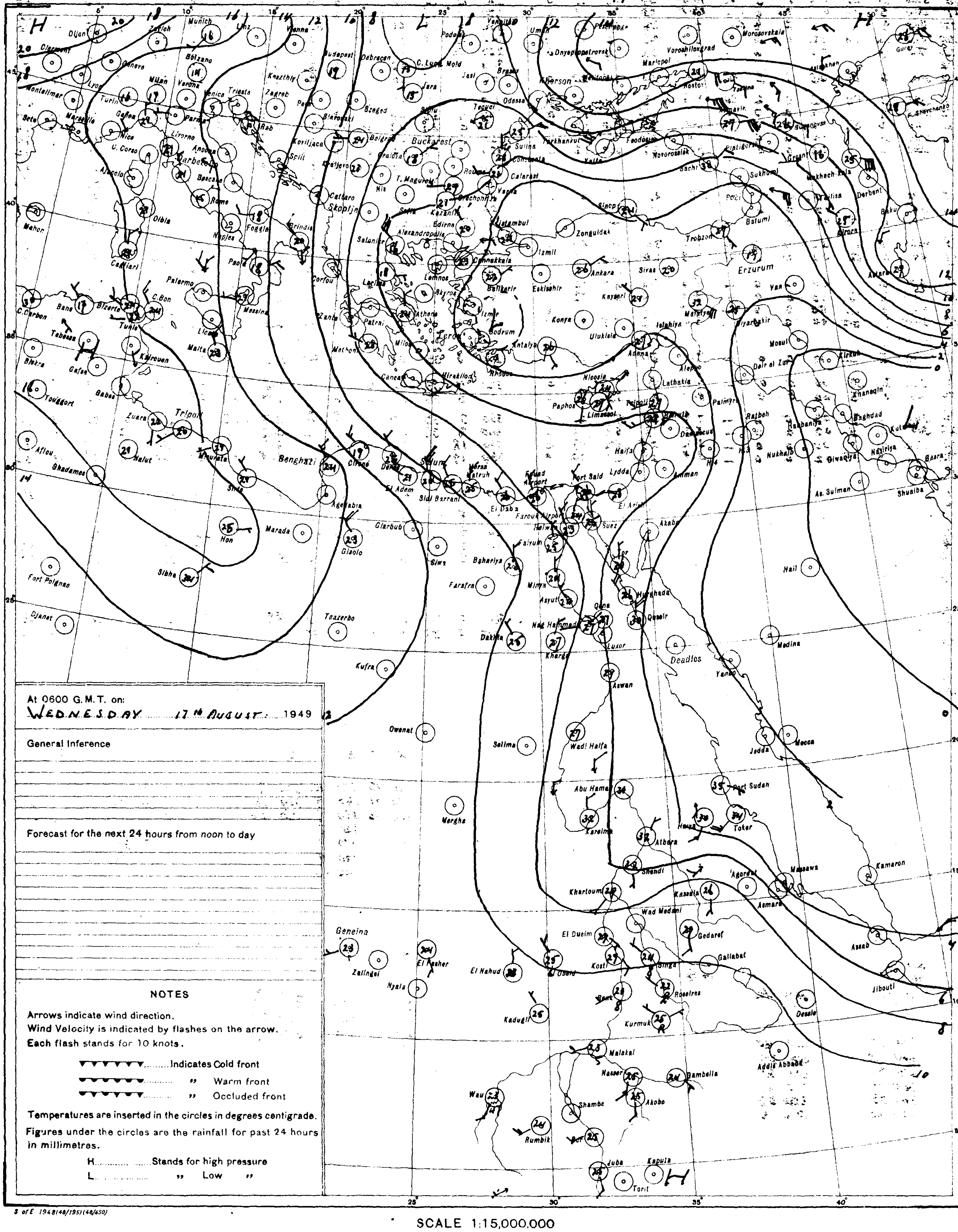
STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME			9		9		7																	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300			330		330	11	360	19																
600			350		330	18	360	22																
1000			360		320	21	350	29																
1500			210		310	17	340	19																
2000			220				50	3																
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 17th 1949



At 0600 G.M.T. on:

WEDNESDAY 17th AUGUST 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 } Thunderstorm during		91
Hail } the past hour		93
Thunderstorm with rain		95
" " hail		96
" " Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 " " "	2
3/8 " " "	3
4/8 " " "	4
5/8 " " "	5
6/8 " " "	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 34 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date : Thursday 18th August, 1949

At 1200 on Wednes 17th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms
MEDITERRANEAN	62300	SALUM	320	13	7	02	0	2	Ac	10.2	29	58	16	
	62303	SIDI BARANI	320	13	50	02	2	8	Cu,Cs		26	66	20	
	62306	MATRUH												
	62309	EL DABA	340	8	35	01	1	2		8.6	27	55	17	
		ALEXANDRIA	340	11	50	00	0	0	—	7.8	25	70	19	
	62318	FOUAD (Airport)	340	14	18	02	1	3	Sc	7.8	29	52	18	
	62330	DAMIETTA	340	5	15	00	0	0	—	7.6	28	62	20	
	62333	PORT SAID	350	9	30	01	0	0	—	7.2	28	62	20	
	62336	EL 'ARISH	320	2	35	01	0	0	—	7.5	28	66	21	
LOWER EGYPT	62339	DAMANHUR	230	9	15	02	1	1	Cu	8.2	30	59	21	
	62342	MANSURA	360	9	35	00	0	0	—	7.1 ?	32	43	18	
	62348	TANTA	00	0	35	02	0	0	—	8.3	32	38	16	
	62354	ZAGAZIG	320	5	15	00	1	0	—	7.6	32	49	20	
	62441	ISMAILIA	20	2	35	02	0	0	—	5.8	34	32	15	
CAIRO AREA	62360	FAROUK (Airport)												
	62372	ALMAZA												
		EZBEKIYA	340	5	35	00	0	0	—	6.8	30	46	17	
		GIZA	340	5	35	00	0	0	—	6.5	31	45	18	
	62378	HELWAN	290	16	7	00	0	0	—	6.2	31	43	17	
UPPER EGYPT	62381	FAIYUM	360	2	35	01	0	0	—	6.2	32	34	14	
	62387	MINYA	360	10	12	00	0	0	—	6.5	32	38	16	
	62393	ASYUT MARQABAD	320	6	30	00	0	0	—	5.9	32	26	10	
	62399	NAG' HAMMADI	270	3	7	00	0	0	—	5.5	34	36	17	
	62402	QENA	240	5	50	00	0	0	—	3.2	40	26	17	
	62405	LUXOR												
	62414	ASWAN	00	0	50	00	0	0	—	3.4	39	23	14	
OASES	62417	SIWA												
	62420	BAHARIYA	320	3	35	02	1	0	—	8.6	31	43	17	
	62423	FARAFRA												
	62432	DAKHLA	320	5	50	00	0	0	—	6.4	32	20	6	
	62435	KHARGA	00	0	35	00	0	0	—	6.3	34	41	19	
RED SEA	62450	SUEZ	360	6	35	01	0	0	—	5.3	33	30	13	
	62456	TOR	360	8	35	00	0	0	—	3.5	30	70	24	
	62462	HURGHADA	360	12		00	0	0	—	2.5	30	70	24	
	62465	QUSEIR	360	9	15	02	0	0	—	3.0	30	70	24	
	62641	PORT SUDAN	30	11	30	03	2	6	Ac	3.1	36	24	12	
NORTH SUDAN	62600	WADI HALFA	350	5	30	00	0	0	—	5.0	36	19	9	
	62640	ABU HAMAD	310	7	30	00	0	0	—	3.0	40	11	4	
	62660	KAREIMA	290	6	30	00	0	0	—	3.2	39	13	6	
	62680	'ATBARA	250	2	30	02	0	1	Ci	3.1	40	15	9	
	62721	KHARTUM	170	3	30	03	0	1	Ac	3.2	38	18	10	
	62780	KASSALA	270	2	30	00	0	0	—	4.1	37	35	19	
CENTRAL SUDAN	62751	WAD MEDANI	210	9	35	02	0	2			37	27	15	
	62801	RENK												
	62802	ROSEIRES	330	2	35	02	0	0	—	6.0	29	49	18	
	62771	EL OBEID	00	0	30	03	0	4	Cu,Ac		33	23	15	
	62760	EL FASHER	00	0	30	01	1	4	Cu,Ac		33	34	15	
	62770	GENEINA	160	1	30	01	1	4	Cu		31	49	19	
S. SUDAN	62840	MALAKAL												
	62880	WAU												
	62941	JUBA	50	5	30	03	2	7	Cb,Ac	5.3	33	44	19	

At 1800 on Wednes 17th

WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms
320	6	7	02	0	0	—	10.6	27	62	19	0
320	10	35	02	2	8	Cu,Cs	10.8	24	84	21	0
360	17	12	01	1	6	—	9.5	25	58	16	0
320	5	15	00	0	0	—		25	70	19	0
310	14	7	01	1		Cu,Ac	8.4	25	70	19	0
340	13	12	01	2	2	Sc	8.4	25	65	18	0
340	5		02	0	0	—	8.2	25	70	19	0
320	5	15	03	0	1	Cu	8.1	26	70	20	0
310	5	15	02	0	0	—	8.7	24	84	21	0
360	5		00	0	0	—	8.7	25	70	19	0
00	0	35	02	0	0	—	8.6	25	61	17	0
320	5		00	0	0	—	8.3	25	74	20	0
20	5	7	02	0	0	—	7.5	26	62	18	0
360	5	15	00	0	0	—	7.9	27	62	19	0
360	5	15	00	0	0	—	7.3	27	60	19	0
340	11	7	00	0	0	—	7.2	29	46	16	0
00	0	35	02	0	0	—	6.0	30	43	16	0
10	10	00	00	0	0	—	6.5	27	55	17	0
00	0		00	0	0	—	5.5	29	55	19	0
240	9	7	00	0	0	—	4.3	31	38	15	0
00	0	12	00	0	0	—	4.7	32	26	10	0
340	4	50	00	0	0	—	4.6	35	22	10	0
360	3	15	02	0	0	—	8.8	29	40	14	0
320	3	35	00	0	0	—	7.2	28	33	10	0
00	0	15	00	0	0	—	7.4	32	34	14	0
360	8		02	0	0	—	6.7	28	62	20	0
310	5	15	00	0	0	—	3.9	28	79	24	0
310	3		00	0	0	—	2.9	28	79	24	0
20	9	15	02	0	0	—	3.1	29	70	23	0

At 0600 on Thursday 18th August,

WIND DIRECTION	WIND VELOCITY	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C	RAINFALL mms. Past 24 hrs.	RAINFALL mms. Total From Oct. 1st.	RAINFALL mms. Normal From 1st. Oct.	STATION
270	4	7	00	0	1	Ac	10.8		25	30		18		70	19	0			SALUM
320	9	50	02	2	8	Cu,Cs	10.5		25	27		24		70	19	0	278		SIDI BARANI
360	10	14	02	2	4	Sc	10.8		25			22		58	16	0			MATRUH
320	6	15	01	1	3		10.8		25			22		61	17	0			EL DABA
270	11	50	03	2	4	Cu,Sc	10.3	-0.2	25	29	-1	24	+1	61	17	0	267	186	ALEXANDRIA
330	12	18	02	1		Sc	9.7		26	30		23		62	18	0	265	138	FOUAD (Airport)
180	2		11	1	4	Ac	10.2	+0.8	25	29		17		74	20	0	319	106	DAMIETTA
260	6	15	01	0	3	Sc	9.7		26			23		62	18	0	72		PORT SAID
220	2	35	02	0	1	Cu	9.9	+0.5	27	29	-2	21	0	62	19	0		94	EL 'ARISH
310	9	15	03	1	6	Cu	9.9	-0.1	26	31	-2	19	-1	74	21	0	102	101	DAMANHUR
270	5	35	00	0	0	—	9.9	+0.2	26	33	-2	19	-2	62	18	0	49	55	MANSURA
00	0	35	02	0	0	—	10.7	+0.5	24	33	-2	16	-3	72	19	0	34	44	TANTA
40	5	7	00	0	0	—	10.6	+0.1	26	34	-1	19	-1	70	20	0	21	27	ZAGAZIG
340	2	7	03	1	3	Sc	9.9		26	35		21		62	18	0	14		ISMAILIA
																			FAROUK (Airport)
																			ALMAZA
360	5	15	00	0	0	—	10.3	+0.2	25	32	-3	21	-1	70	19	0	8	26	EZBEKIYA
360	5	15	00	0	0		10.7	+0.7	26	32	-2	17	-3	67	19	0	16	27	GIZA
360	6	7	00	0	5	Sc	10.2	+0.2	24	32	-3	20	-1	61	16	0	16	29	HELWAN
360	5	35	03	0	1	Cu,Sc	10.6	+0.5	25			20	-1	70	19	0	8	8	FAIYUM
10	9	10	00	0	0	—	10.0		24	33		19		69	18	0	5		MINYA
340	5	30	00	0	0	—	9.6		25			21		61	17	0	dr.		ASYUT MANQABAD
00	0		00	0	0	—	7.8	-0.2	26	36		19		70	20	0	0		NAG' HAMMADI
240	5	35	00	0	0	—	7.6	0.0	27	41	+1	25	+1	52	16	0	dr.		QENA
										39							dr.		LUXOR
00	0	50	00	0	0	—	7.9	+0.3	31	40	-1	24	-2	38	15	0	2		ASWAN
																	1	8	SIWA
360	7	35	02	1	3	Ac	11.0	+0.1	24	33	-3	19	-1	74	19	0	dr.	7	BAHARIYA
																	dr.		FARAFRA
00	0	35	00	0	0	—	9.8	+0.1	27	33	-6	20	-3	37	11	0	dr.		DAKHLA
20	1	35	00	0	0	—	9.1	+0.3	27	34	-5	20	-3	62	19	0	0		KHARGA
00	0	35	00	0	0	—	10.4	+1.3	26	36	0	21	-2	62	18	0	12	17	SUEZ
310	5	35	00	0	0	—	7.1	+0.4	27	33	-1	24	0	79	23	0	dr.	13	TOR
320	19		00	0	0	—	6.2		27	34		25		70	21	0	7		HURGHADA
360	9	15	02	0	0	—	6.6	-0.1	30	34	0	25	-2	52	19	0	0	4	QUSEIR
																	61	104	PORT SUDAN
																0	27		WADI HALFA
																			ABU HAMAD
																0	40	19	KAREIMA
																0	29	47	'ATBARA
																0	23	110	KHARTUM
																0	235	218	KASSALA
																0	168	281	WAD MEDANI
																	368		RENK
																0	383	553	ROSEIRES
																0	194	238	EL OBEID
																0	104	217	EL FASHER
																		388	GENEINA
																0	803	613	MALAKAL
																4	803	848	WAU
																6	567	801	JUBA

HUMIDITY % Mean of day

STATION	on 17th	Diff. from normal
Alexandria	64	-9
Ezbekiya	60	-1
Giza	64	+1
Helwan	55	+4

GIZA GRASS MINIMUM TEMP. ON 18th 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 — 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

STATION	Matruh				Foad AP.				Port Said				Minya				Hurghada							
TIME	14 30				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	320	17			320	15			350	20			10	15			330	4						
600	330	24			300	10			340	10			360	16			150	4						
1000	320	24			290	12							350	18			10	9						
1500					280	5			330	10			330	16			340	13						
2000					40	16			310	9							310	12						
3000									00	0							280	21						
4000									310	8														
5000									300	3														
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 18th

STATION	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SAID		EL 'ARISH		HELWAN		MINYA		ASYUT MARQABAD		LUXOR		ASWAN		HURGHADA		
TIME	9		3 30		3		3						3 30		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	330	8	320	12	320	14	210	10					360	23	320	11			350	14	350	29		
600			320	14	330	12	330	3					20	10	330	10			360	9	330	24		
1000			320	17	330	14	310	8					350	23	330	11			300	7	300	14		
1500			310	24	330	25	240	6					40	10	320	11			240	9	20	3		
2000			300	14	340	21							30	6	320	11			210	13	220	7		
3000													60	3					170	20	210	18		
4000																					210	18		
5000																					200	17		
6000																								
7000																								
8000																								

STATION	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME	9		9		9		7																	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	290	5	350	12	320	10	10	21																
600	340	12	360	12	340	8	10	26																
1000	310	12	360		360	12	10	12																
1500	310	16	350		350	18	340	6																
2000	310	8	340				280	2																
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

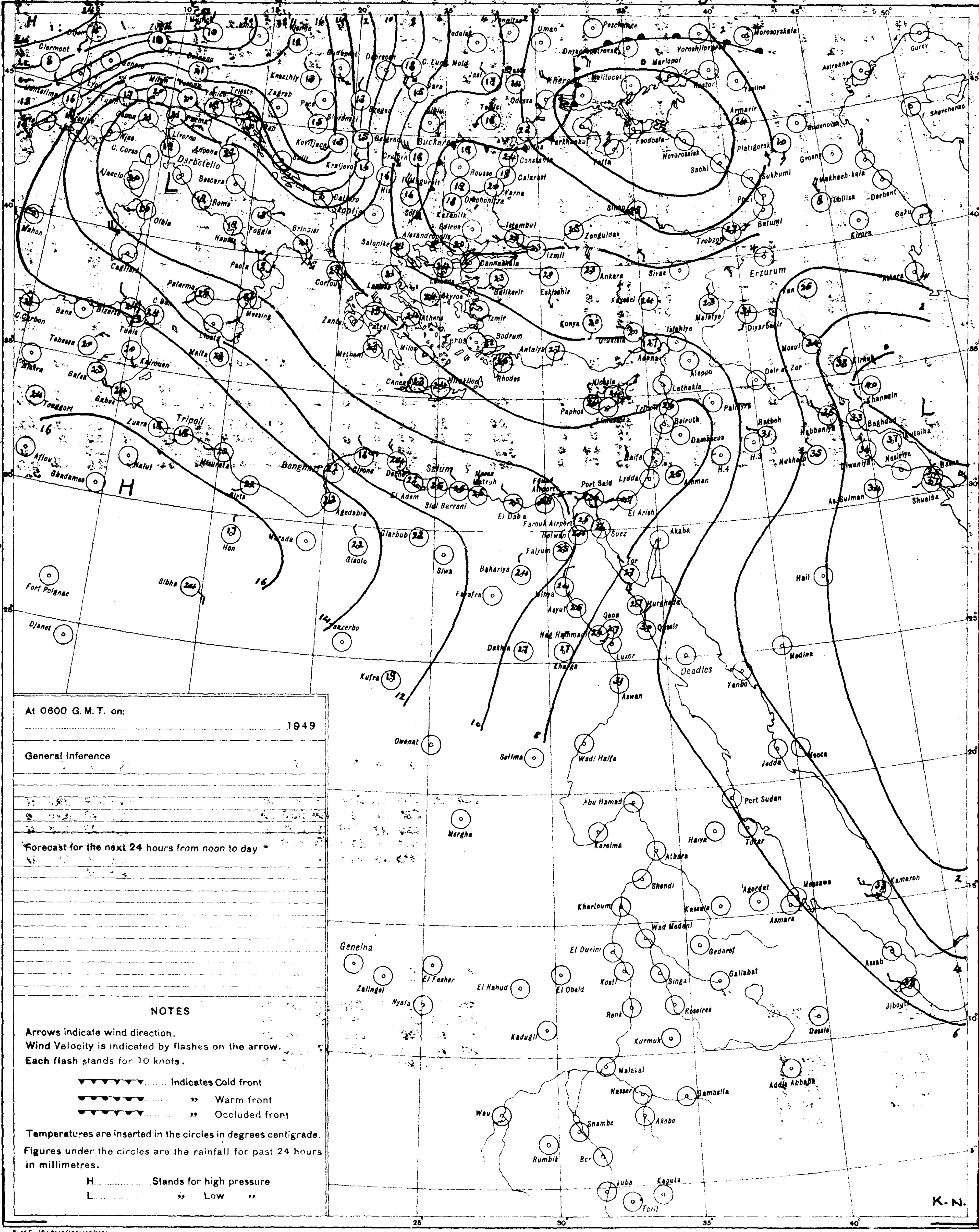
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 18th August 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(48/195)(46/450)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 24 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 : Friday 19th August, , 1949

At 1200 on Thurs 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	SALÛM	360	13	7	03	2	5	Cu,Sc,Ac	11.0	26	70	20	0
	62305	SÎDI BARÂNI	340	11	50	02	2	8	Cu,Cs	11.9	29	70	23	0
	62306	MATRÛH	360	11	18	02	1	2	Cu	11.6	28	49	16	
	62309	EL DABA	320	7	35	00	0	0	—	11.8	27	62	19	
		ALEXANDRIA	310	14	50	02	2	6	Cu,Sc	10.4	28	68	19	0
	62318	FOUAD (Airport)	320	14	18	02	1	2	Sc	10.2	28	52	17	0
	62330	DAMIETTA	360	6	15	00	0	0	—	10.0	27	55	17	0
	62333	PORT SA'ID	10	6	30	01	0	0	—	9.7	28	62	20	0
	62336	EL 'ARISH	320	2	35	01	0	0	—	9.9	28	66	21	0
LOWER EGYPT	62339	DAMANHUR	310	13	15	02	1	3	Cu	9.8	29	59	20	0
	62342	MANSURA	360	9	35	03	0	3	Cu	9.5	31	43	17	0
	62348	TANTA	310	5	35	01	1	4	Cu	10.3	31	49	19	0
	62354	ZAGAZIG	220	5	15	00	0	0	—	10.0	32	49	20	0
	62441	ISMAILIA	360	2	35	02	1	1	Sc	8.7	34	27	12	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMÂZA												
		EZBEKÎYA	360	4	35	00	0	0	—	9.8	31	49	19	0
		GÎZA	360	4	35	00	0	0	—	10.2	31	46	18	0
	62378	HELWÂN	320	8	35	02	0	0	—	8.7	31	38	15	0
UPPER EGYPT	62381	FAIYÛM	00	0	35	01	0	0	—	8.6	33	34	15	0
	62387	MINYA	20	13	12	00	0	0	—	8.5	33	38	17	0
	62393	ASYÛT MANQABAD	310	8	30	00	0	0	—	7.9	32	34	14	
	62399	NAG' HAMMÂDI	00	0	7	00	0	0	—	6.4	36	33	17	0
	62402	QENA	240	5	50	00	0	0	—	5.5	38	31	18	0
	62405	LUXOR												
	62414	ASWÂN	290	2	50	00	0	0	—	5.6	37	29	16	0
OASES	62417	SÎWA												
	62420	BAHARÎYA	360	3	35	02	1	0	—	9.4	33	34	15	0
	62428	FARAFRA												
	62432	DAKHLA	320	4	50	00	0	0	—		33			0
	62436	KHARGA	360	6	35	00	0	0	—	9.0	35	42	20	0
RED SEA	62450	SUEZ	20	5	35	02	0	0	—	7.5	32	38	16	0
	62459	TÛR	310	9	35	00	0	0	—	5.9	30	66	23	0
	62462	HURGHÂDA	10	11		00	0	0	—	4.9	29	70	23	0
	62465	QUSEIR	20	9	15	02	0	0			31	66	24	0
	62641	PORT SÛDAN	40	7	30	03	1	7	Sc,Ac	3.7	37	48	24	
NORTH SÛDÂN	62600	WÂDI HALFA	270	5	30	02	0	1	Ci	6.9	39	16	9	
	62640	ABU HAMAD	270	5	30	03	0	3	Ac,Cs	3.6	41	13	7	
	62660	KAREIMA	270	3	30	00	0	0	—	4.6	40	14	8	
	62680	'ATBARA												
	62721	KHARTÛM	230	8	30	02	0	2	Cu,Ac	4.1	39	20	12	
	62730	KASSALA	270	2	30	03	0	3	Ci	6.6	35	39	19	
CENTRAL SÛDÂN	62751	WÂD MEDANI	200	5	35	01	1	6	Cu	5.1	36	31	16	
	62801	RENK												
	62802	ROSEIRES	310	2	35	00	0	0	—	6.4	29	59	20	
	62771	EL OBEID												
	62760	EL FÂSHER												
	62770	GENEINA												
S. SÛDÂN	62840	MALAKÂL	230	5	30	02	2	4	Cu,Ac	8.4	31	55	21	
	62880	WÂU	160	4	30	01	6	6	Cu,Ac	8.4	29	62	21	
	62941	JUBA	310	5	30	03	1	6	Cb,Ac	8.8	30	49	18	

At 1800 on Thurs 18th

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms
62300	SALÛM	320	5	7	02	0	0	—	11.2	25	70	19	0
62305	SÎDI BARÂNI	360	4	35	01	0	0	—	1	24	74	19	0
62306	MATRÛH												
62309	EL DABA	320	5	15	00	0	0	—	10.6	24	74	19	
	ALEXANDRIA	360	5	7	02	2	2	Sc,Ac	11.3	24	74	19	0
62318	FOUAD (Airport)	340	10	18	01	1	3	Sc	11.2	25	70	19	0
62330	DAMIETTA	320	5		02	0	0	—	11.2	25	70	19	0
62333	PORT SA'ID	10	9	18	02	0	0	—	10.9	25	65	18	0
62336	EL 'ARISH	320	2	15	03	1	2	Cu	9.4	27	62	19	0
62339	DAMANHUR	270	5	15	01	1	1	Cu	11.1	24	84	21	0
62342	MANSURA	360	5		00	1	0	—	10.6	25	65	18	0
62348	TANTA	00	0	35	02	0	0	—	11.0	25	39	10	0
62354	ZAGAZIG	40	5		00	0	0	—	11.4	26	70	20	0
62441	ISMAILIA	20	2	15	02	0	0	—	10.0	26	62	18	0
	FAROUK (Airport)												
62372	ALMÂZA	340	10	12	00	0	0	—	10.3	28	58	19	0
	EZBEKÎYA	340	5	15	00	0	0	—	10.6	27	62	19	0
	GÎZA	340	5	15	00	0	0	—	11.0	26	64	19	0
62378	HELWÂN	320	10	15	02	0	0	—	10.0	28	52	17	0
62381	FAIYÛM	360	5	35	02	0	0	—	9.4	29	46	16	0
62387	MINYA	00	0	8	00	0	0	—	8.9	26	58	17	0
62393	ASYÛT MANQABAD												
62399	NAG' HAMMÂDI	00	0		00	0	0	—	7.0	27	62	19	0
62402	QENA	240	5	7	00	0	0	—	6.8	31	43	17	0
62405	LUXOR												
62414	ASWÂN	340	2	50	00	0	0	—	7.0	34	29	13	0
62417	SÎWA												
62420	BAHARÎYA	360	2	15	02	0	0	—	10.6	29	40	14	0
62428	FARAFRA												
62432	DAKHLA	320	4	35	00	0	0	—	9.2	30	31	11	0
62436	KHARGA	00	0	15	00	0	0	—	8.4	30	40	15	0
62450	SUEZ	360	10	15	02	0	0	—	8.4	27	58	18	0
62459	TÛR	130	2	15	00	0	0	—	5.9	29	74	24	0
62462	HURGHÂDA	00	0		00	0	0	—	5.3	29	52	18	0
62465	QUSEIR	360	5	15	02	0	0	—	5.4	30	59	21	0
62641	PORT SÛDAN												
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 19th August,

INDEX NUMBER	STATION	WIND 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	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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.
62300	SALUM	200	5	7	02	0	0	—	11.5		24	28		18		74	19	0		
62305	SÎDI BARÂNI	200	3	50	03	1	8	Cs	12.3		25	29		17		70	19	0	278	
62306	MATRÛH	290	2	15	01	1	0	—	12.0		25			18		61	17	0		
62309	EL DABA	220	3		00	0	0	—	11.6		24			17		69	18	0		
	ALEXANDRIA	310	5	50	01	2		Sc,Ac	12.0	+1.4	25	29	-1	23	0	61	17	0	267	186
62318	FOUAD (Airport)	320	6	18	01	2	5	Sc	11.5		27	29		19		55	17	0	265	138
62330	DAMIETTA	270	2	15	03	0	2	Cu	11.6	+2.1	26	29		18		62	18	0	319	106
62333	PORT SA'ID	240	6	18	01	1	5	Sc	11.2		25	29		24		74	20	0	72	
62336	EL 'ARISH	220	2	35	03	2	5	Cu	11.1	+1.6	26	29	-2	21	0	84	23	0		94
62339	DAMANHUR	310	5	7	03	1	4	Cu	12.0	+1.9	26	30	-3	19	-1	74	21	0	102	101
62342	MANSURA	40	5	35	00	0	0	—	11.9	+2.1	27	33	-2	20	-1	62	19	0	47	55
62348	TANTA	00	0	35	01	1	0	—	11.1	+0.7	25	32	-3	16	-3	70	19	0	34	44
62354	ZAGAZIG	320	5	7	00	0	0	—	11.2	+0.6	26	34	-1	20	0	70	20	0	21	27
62441	ISMAILIA	200	2	7	00	2	0	—	11.1		27	34		21		55	17	0	14	
62366	FAROUK (Airport)																			
62372	ALMÂZA											32								
	EZBEKÎYA	360	2	15	01	1	2	Cu	11.6	+1.4	25	32	-3	21	-1	70	19	0	8	26
	GÎZA	360	2	15	01	1	2	Cu	11.8	+1.7	25	31	-3	19	-1	72	20	0	16	27
62378	HELWÂN	360	3	15	00	2	5	Cu	11.8	+1.7	24	32	-3	20	-1	69	18	0	16	29
62381	FAIYÛM	360	5	35	02	0	0	—	11.6	+1.5	26	34	-2	20	-1	62	18	0	6	8
62387	MINYA	20	10	10	00	0	0	—	11.3		24	33		19		74	19	0	5	
62393	ASYÛT MANQABAD	310	3	30	00	0	0	—	11.1		26			21		62	18	0	dr.	
62399	NAG' HAMMÂDI	00	0		00	0	0	—	8.9	+0.8	27	36		21		62	19	0	0	
62402	QENA	240	5	35	00	0	0	—	9.3	+1.6	28	39	-1	25	+1	58	19	0	dr.	
62405	LUXOR																		dr.	
62414	ASWÂN	00	0	50	00	0	0	—	8.7	+1.1	30	39	-2	25	-1	38	14	0	2	
62417	SÎWA	00	0	35	00	0	0	—	12.8	+0.5	25			19	-1	65	18	0	1	8
62420	BAHARÎYA	00	0	35	02	0	0	—	11.8	+0.8	27	34	-2	19	-1	55	17	0	dr.	7
62428	FARAFRA																		dr.	
62432	DAKHLA	00	0	35	00	0	0	—	11.0	+1.2	27	34	-5	23	0			0	dr.	
62436	KHARGA	00	0	15	00	0	0	—	10.6	+1.8	24	36	-3	22	-1	61	16	0	0	
62450	SUEZ	00	0	35	00	0	0	—	10.4	+1.2	25	35	-1	21	-2	70	19	0	12	17
62459	TÛR	310	8	35	00	0	0	—	8.9	+0.5	28	33	-1	26	+2	70	22	0	dr.	13
62462	HURGHADA	320	19		00	0	0	—	8.3		27	30		26		70	21	0	7	
62465	QUSEIR	360	9	15	05	0	0		7.6	+0.9	30	33	-1	26	-1	52	19	0	0	4
62641	PORT SÛDAN	120	5	30	03	2	8	Ac,Cu	5.0		29					52	18	0	61	104
62600	WÂDI HALFA	00	0	30	03	0	1	ac	8.9		23					38	8	0	27	
62640	ABU HAMAD	00	0	30	03	0	4	ac	6.3		28					19	2	0		
62660	KAREIMA	340	5	30	01	0	2	ac	7.6		27					28	7	0	40	19
62680	'ATBARA	20	2	30	03	1	5	ac	6.9		27					42	13	0	29	49
62721	KHARTÛM	250	12	30	02	8	7	ac,a	8.3		28					66	21	dr.	23	113
62730	KASSALA	180	9	30	02	1	8	ac	10.4		24					74	19	0	235	222
62751	WÂD MEDANI																	6	174	286
62801	RENK																			373
62802	ROSEIRES																	57	440	560
62771	EL OBEID	20	5	30	02	1	7	Cb,ac	10.2		24					84	21	0	194	242
62760	EL FÂSHER	00	0	30	02	9	8	Cb,ac			21					95	21	13	117	222
62770	GENEINA	00	0	30	02	2	7	ac			19					98	19	0		396
62840	MALAKÂL	180	3	30	03	2	8	ac	10.9		23					94	22	5	808	619
62880	WÂU																	2	805	855
62941	JUBA	340	2	7	61	8	8	Cb	12.4		22					94	21	dr	567	805

HUMIDITY % Mean of day

STATION	on 18th	Diff. from normal
Alexandria	67	-6
Ezbekîya	60	-1
Gîza	61	-2
Helwân	55	+4

GÎZA GRASS MINIMUM TEMP. ON 19th 13.7 °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

PRESSURE 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 19th

STATION	Matruh		Foad A.P.		Minya		Hurghada	
TIME	15		15		15		15	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	150	15	320	13	360	23	340	3
600	160	12	330	15	10	21	50	2
1000	140	18	310	8	360	26	20	6
1500	120	24	320	13	330	24	350	9
2000	100	16			10	14	310	10
3000					350	6	260	23
4000							250	26
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 19th

STATION	SÎDI BARÂNI		MATRÛH		POUAD AIRPORT		PORT SAÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA	
TIME	9		3		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.
300	240	6	260	4	320	5	60	2					20	23	340	16					330	23
600	210	8	320	3	310	5	20	3					10	23	340	19					320	20
1000	240	9	300	4	300	7	20	2					10	19	340	18					330	10
1500	240	9	290	21									360	17	350	15					290	9
2000			280	31									350	11	340	13					260	16
3000																					220	30
4000																					240	23
5000																						
6000																						
7000																						
8000																						

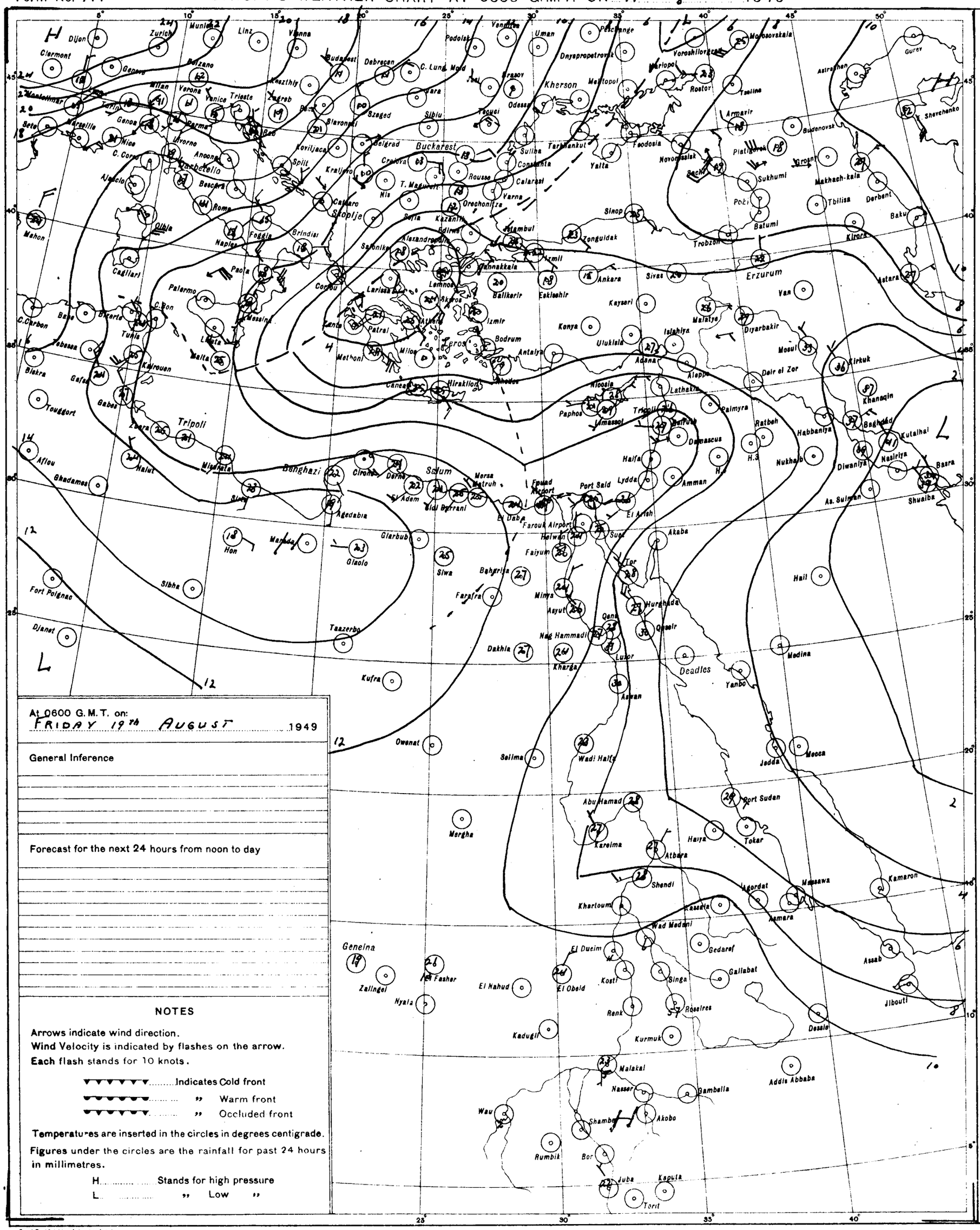
STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		1				3	30	3	30			3	45	3	30			4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	200	6	10		180	1	10	13																
600	310	5	10		160	3	360	17			330	17	10	21			180	16					330	4
1000	240	8	10		300	17	360	18			310	19	360	20			180	21	360	9			300	7
1500	230	16	10		170		350	14			300	17	340	12			220	21	90	5			310	1
2000	280	16											310	7										
3000	270	8									240	9	260	10			340	21	100	16			250	3
4000													240	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 19th 8 1949



At 0600 G.M.T. on:
FRIDAY 19th AUGUST 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	
	93	
Thunderstorm with rain	95	
" " hail	96	
" " Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze (vis less than 1000 m.)	4
Drizzle	5
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)(46/450)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 25 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 : Saturday 20th August, , 1949

At 1200 on Fri. 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	40	11	7	02	0	0	—	11.2	29	66	22
	62303	SÎDI BARÂNI											
	62306	MATRÛH	60	9	18	02	0	1	Cu	11.2	28	49	16
	62309	EL DABA	320	3	50	00	0	0	—	11.4	28	58	19
		ALEXANDRIA	360	10	50	03	2	4	Cu,Sc	11.5	27	62	19
	62318	FOUAD (Airport)	340	12	18	03	1	3	Sc	11.3	29	52	18
	62330	DAMIETTA	20	5	15	02	0	0	—	11.0	27	55	17
	62333	PORT SAÏD	10	9	30	02	0	1	Sc	10.8	28	62	20
	62336	EL 'ARISH	320	2	35	01	0	1	Cu	9.9	28	58	19
LOWER EGYPT	62339	DAMANHUR	310	9	15	02	1	2	Cu	11.1	29	62	21
	62342	MANSURA	320	5	35	03	1	4	Cu	10.6	32	43	18
	62348	TANTA	310	5	35	01	1	4	Cu	11.1	31	43	17
	62354	ZAGAZIG	320	6	15	00	0	0	—	11.0	32	56	22
	62441	ISMAÏLIA	340	2	35	03	1	2	Sc	7.4	33	34	15
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMÂZA											
		EZBEKÎYA	360	5	35	00	0	0	—	9.8	31	49	19
		GÎZA	360	5	35	00	0	0	—	9.9	31	44	17
	62378	HELWÂN	320	9	15	02	0	0	—	9.6	30	40	15
UPPER EGYPT	62381	FAIYÛM	360	8	35	02	0	0	—	7.0	32	28	11
	62387	MINYA	10	13	12	00	0	0	—	9.5	34	23	10
	62393	ASYÛT MANQABÂD	310	15	30	00	0	0	—	8.6	34	20	8
	62399	NAG' HAMMÂDI	290	2	7	00	0	0	—	6.8	35	32	16
	62402	QENA	240	5	50	00	0	0	—	5.5	39	24	15
	62405	LUXOR											
	62414	ASWÂN	00	0	50	00	0	0	—	5.3	39	23	14
OASES	62417	SÎWA	320	15	35	00	0	0	—	12.4	35	44	21
	62420	BAHARÎYA	360	4	35	02	0	0	—	9.9	33	34	15
	62423	FARAFRA											
	62432	DAKHLA	320	3	50	00	0	0	—	8.3	33	24	10
	62435	KHARGA	360	1	35	00	0	0	—	8.6	34	41	19
RED SEA	62450	SUEZ	00	0	35	02	0	0	—	8.4	33	30	13
	62459	TÛR	310	12	35	00	0	0	—	7.0	29	70	23
	62462	HURGHÂDA	350	12		00	0	0	—	6.1	30	62	22
	62465	QUSEIR	360	9	15	02	0	0	—	5.8	31	59	22
	62641	PORT SÛDÂN	50	7	30	03	1	2	Ac	2.3	39	36	21
NORTH SÛDÂN	62600	WÂDI HALFA	270	8	30	00	0	0	—	6.3	37	18	9
	62640	ABU HAMAD	310	5	30	01	0	1	Ci	3.0	41	13	7
	62660	KAREIMA	310	9	30	00	0	2	Ac	3.9	41	10	4
	62680	'ATBARA	340	1	30	03	1	3	Cu, Ac	3.7	40	10	3
	62721	KHARTÛM	230	8	30	03	1	6	Cu, Ac	5.7	35	27	13
	62780	KASSALA	180	5	30	00	1	0	—	6.3	35	39	19
CENTRAL SÛDÂN	62751	WÂD MEDANI	270	9	35	02	2	7	As	6.3	32	38	16
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	160	7	30	01	2	1	Cu, Ac	6.9	31	49	19
	62760	EL FÂSHER	160	2	30	01	9	6	Cu, Ac		28	58	19
	62770	GENEINA	150	3	30	01	1	4	Cu, Ac		29	55	19
S. SÛDÂN	62840	MALAKÂL	260	1	30	20	6	7	Cu, Sc	8.6	30	66	23
	62880	WÂU	270	12	7	61	2	8	Cb	11.2			20
	62941	JUBA	340	5	30	01	6	8	Cu, Ac	9.4	29	54	20

At 1800 on Fri. 19th

WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.
360	5	7	02	0	0	—	12.3	26	70	20	0
110	2	35	01	1	0	—	11.8	24	74	19	0
		12	00	0	0	—				18	0
320	2	15	00	0	0	—	11.0	25	74	20	0
40	5	7	01	2		Sc,Ac	12.4	27	55	17	0
20	5	18	02	1	2	Sc	12.0	24	74	19	0
340	2		03	0	1	Cu	11.5	25	70	19	0
360	11	18	02	0	3	Sc	11.6	26	70	20	0
320	2	15	02	0	1	Cu	10.8	26	84	23	0
310	9	15	02	1	2	Cu	12.0	24	84	21	0
360	5		00	1	0	—	12.2	24	69	18	0
270	2	35	02	0	0	—	12.0	24	74	19	0
320	5		00	0	0	—	12.2	26	70	20	0
340	4	15	00	0	0	—	11.6	26	58	17	0
340	4	15	00	0	0	—	12.2	26	60	18	0
340	16	7	01	1	1	Ci	11.4	27	52	16	0
360	5	35	02	0	0	—	10.0	29	40	14	0
10	1	10	00	0	0	—	9.8	25	54	15	0
00	0		00	6	0	—	7.2	29	40	14	0
240	9	7	00	0	0	—	7.5	30	40	15	0
230	7	12	00	0	0	—	6.7	33	24	10	0
320	2	50	00	0	0	—	7.5	34	23	10	0
00	0	7	00	0	0	—	11.5	29	52	18	0
00	0	15	02	0	0	—	10.4	30	40	15	0
40	2	35	00	0	0	—	10.0	30	25	6	0
40	31	15	00	0	0	—	9.3	31	43	17	0
20	12	15	02	0	0	—	10.0	27	62	19	0
310	9	15	00	0	0	—	6.4	29	70	23	0
300	11		00	0	0	—	5.6				0
360	5	15	02	0	0	—	5.5	29	84	26	0

At 0600 on Saturday 20th August,

WIND 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	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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
220	8	7	01	0	5	Ac	13.1		25	31		20		70	19	0			SALUM
320	10	35	03	2	0	—	12.5		25	28		20		84	22	0	278		SÎDI BARÂNI
300	4	15	00	0	0	—	12.6		26	30		19		55	16	0			MATRÛH
220	3	35	00	0	0	—	12.0		26			17		63	18	0			EL DABA
290	5	50	03	2		Sc,Ac	12.4	+1.7	26	29	-1			70	20	0	267	186	ALEXANDRIA
220	3	18	02	0	0	—	12.0		25	29		19		74	20	0	265	138	FOUAD (Airport)
200	2	7	02	0	1	Cu	12.2	+2.6	26	29		17		70	20	0	319	106	DAMIETTA
30	2	14	02	0	0	—	11.7		27	29		23		55	17	0	72		PORT SAÏD
00	0	35	03	1	6	Cu	10.6	+1.2	25	29	-1	18	-3	70	19	0		94	EL 'ARISH
310	5		02	0	0	—	12.7	+2.5	25	30	-3	19	-1	74	20	0	102	101	DAMANHÛR
340	5	35	00	0	0	—	12.0	+2.1	26	33	-2	19	-2	62	18	0	49	55	MANSÛRA
00	0	35	02	0	0	—	11.8	+1.3	24	32	-2	15	-4	74	19	0	34	44	TANTA
40	5	7	00	0	0	—	11.8	+1.1	26	33	-2	18	-2	62	18	0	21	27	ZAGAZIG
00	0	7	02	0	0	—	11.4		26	34		21		62	18	0	14		ISMAÏLIA
																			FAROUK (Airport)
																			ALMÂZA
20	5	15	00	0	0	—	11.8	+1.5	25	32	-3	21	-1	65	18	0	8	26	EZBEKÎYA
20	5	15	00	0	0	—	12.0	+1.8	25	31	-3	17	-3	62	17	0	16	27	GÎZA
20	5	15	00	0	0	—	11.9	+1.7	24	31	-4	21	0	69	18	0	16	29	HELWÂN
360	5	35	02	0	0	—	11.5	+1.3	26	33	-3	19	-2	62	18	0	8	8	FAIYÛM
360	5	10	00	0	0	—	11.0		24	34		18		65	17	0	5		MINYA
290	5	30	00	0	0	—	10.6		26			20		55	16	0	dr.		ASYÛT MANQABÂD
270	1		00	0	0	—	8.4	+0.2	28	36		20		58	19	0	0		NAG' HAMMÂDI
240	5	35	00	0	0	—	8.3	+0.6	27	41	+1	24	0	55	17	0	dr.		QENA
										39							dr.		LUXOR
340	8	50	00	0	0	—	6.6	-1.1	30	40	-1	25	-1	40	15	0	2		ASWÂN
00	0	35	00	0	0	—	13.3	+0.9	28	37	-1	20	0	58	19	0	1	8	BÎWA
360	2	35	02	0	0	—	11.6	+0.5	26	35	-1	19	-1	62	18	0	dr.	7	BAHARÎYA
																	dr.		FARAFRA
00	0	35	00	0	0	—	10.7	+0.8	28	35	-4	21	-2			0	dr.		DAKHLA
360	1	35	00	0	0	—	10.2	+1.3	29	36	-3			40	14	0	0		KHARGA
00	0	35	00	0	0	—	11.0	+1.7	25	35	-1	21	-2	70	19	0	12	17	SUEZ
310	8	35	00	0	0	—	7.1	+0.3	27	33	-1	24	0	79	23	0	dr.	13	TÛR
300	19		00	0	0	—	6.4		27	31		26		70	21	0	7		HURGHADA
360	13	15	02	0	0	—	5.9	-0.9	30	32	-2	27	0	59	21	0	0	4	QUSEIR
130	5	30	01	1	1	Ac	4.7		34	39		29		53	23	0	61	104	PORT SÛDÂN
360	5	30	03	0	3	Ci			28	39		23		35	11	0	27		WÂDI HALFA
360	9	30	03	0	3	Ac	6.4		33	42		28		19	6	0			ABU HAMAD
20	7	30	01	0	2	Ac	6.2		32	42		27		21	7	0	40	20	KAREIMA
360	2	30	03	0	5	Ac	6.8		31	42		27		28	10	0	29	50	'ATBARA
220	8	30	03	0	4	Ac,Ci	8.0		30	37		22		52	19	0	23	116	KHARTÛM
200	8	30	00	0	0	—	9.8		27	36		24		66	20	0	235	226	KASSALA
200	9	50	00	0	0	—	9.6		28	34		22		66	21	0	174	291	WÂD MEDANI
																		377	RENK
230	2	3	03	1	8	Fs,Fc	11.1		23	29		21		84	20	0	440	567	ROSEIRES
260	6	30	01	2	1	Ac	10.9		26	32		23		70	20	0	194	246	EL OBEID
150	2	30	00	1	2	Ac			25	30		23		79	21	dr.	117	226	EL FÂSHER
160	3	30	02	2	8	Ac			23	31		22		84	20	dr.		404	GENEINA
130	10	30	02	2	7	Sc,Cu	12.2		23	30		21		94	22	5	813	625	MALAKÂL
120	1	30	02	2	7	Sc,Ac	12.1		22	31		21		88	20	18	823	862	WÂU
00	0	30	03	2	8	Sc.	13.2		23	31		19		64	20	dr	567	809	JUBA

HUMIDITY % Mean of day

STATION	on 19th	Diff. from normal
Alexandria	56	-17
Ezbekiya	62	+1
Giza	61	-2
Helwân	57	+6

GÎZA
GRASS MINIMUM TEMP.
ON 20th 11.9 °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 19th

STATION	Fouad A.P.				Port Said				Ruiya				Hurghada				Matruh							
TIME	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.
300	340	15			360	9			360	20			340	23			200	7						
600	340	23			10	12			350	26			350	10			140	13						
1000	340	23			60	3			350	26			350	10			140	9						
1500	320	31			260	8			340	23			310	17			140	13						
2000					260	12			300	10			290	19										
3000					230	9																		
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 20th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA			
TIME	9		3		3		3				9 15		3		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	330	11	270	8	180	3	340	2			10	7	10	16	330	30			360	11	340	42		
600	330	11	310	8	210	3	10	3			20	17	10	25	300	33			350	15	320	20		
1000	320	9	320	11	220	2	360	6			30	19	350	31	330	31			350	16	320	19		
1500	260	10	290	17	10	5	350	12			20	23	360	40	350	27			260	20	320	23		
2000			290	15			360	11					350	18	240	10			190	19	260	16		
3000													20	7										
4000																								
5000																								
6000																								
7000																								
8000																								

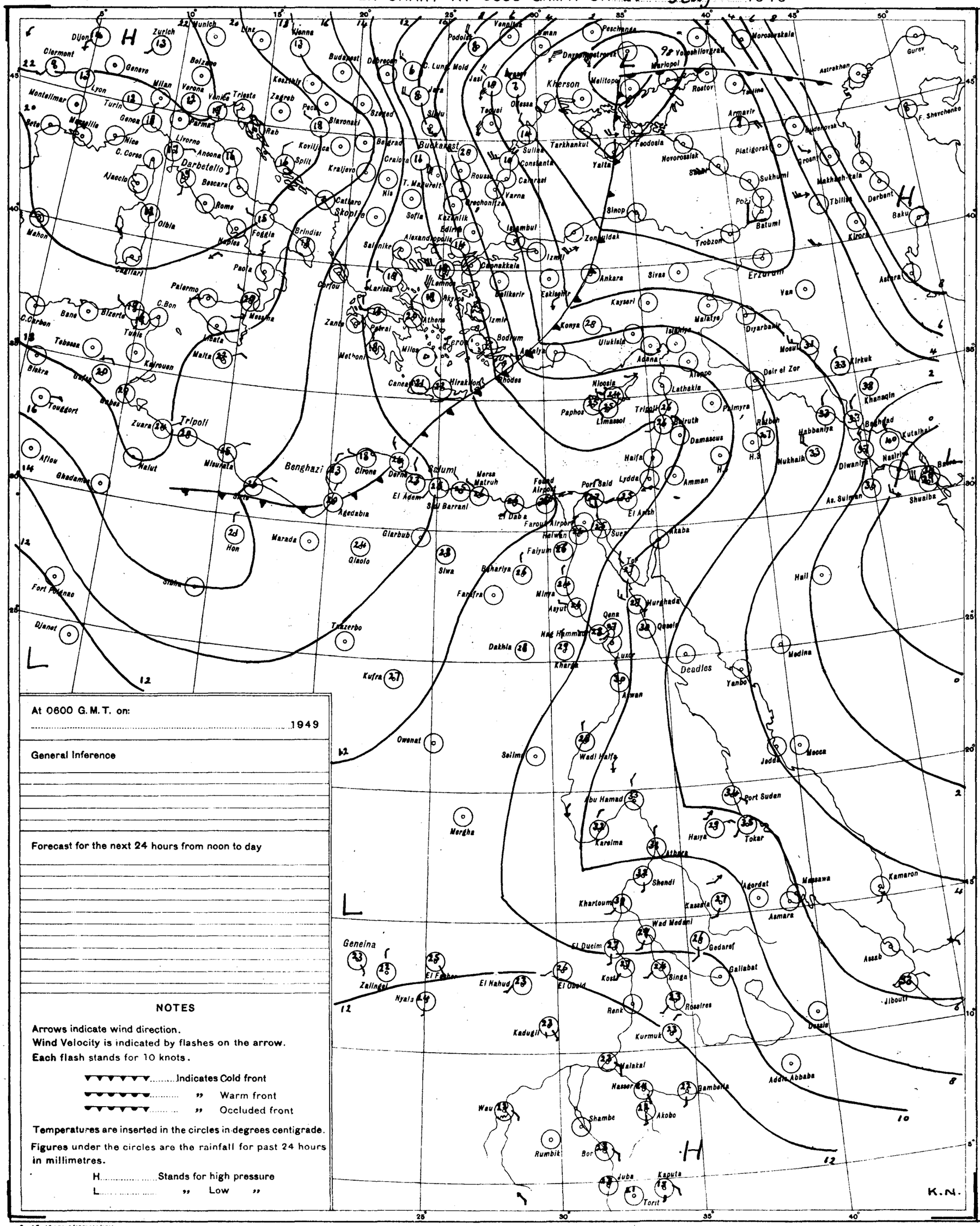
STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7		4								3 30		3 30				4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	130	4	330	39	10	31	360	18	10	14													130	9
600	70	3	340	36	10	36	360	29	10	24							210	13					130	7
1000	360	4	330	30	360		360	22	350	21							230	22	230	17			110	9
1500	350	6	340	42			350	23									250	15	180	10				
2000			330	21					10	24									60	11				
3000									190	11							360	17					80	9
4000																								
5000																								
6000																								
7000																								
8000																								

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

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

Note: All times G. M. T.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 20th August 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	(R)
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,
	Rain	21	•
	Showers of rain	25	•▽
	,, ,, hail	27	▲▽
	Fog	28	≡
	Thunderstorm	29	R
Duststorm or Sandstorm		31	≋
Fog		45	≡
Drizzle		50	,
Rain		60	•
Showers of rain		80	•▽
,, ,, hail		87	▲▽
Rain / Hail	Thunderstorm during the past hour	91	R•
		93	R▲
Thunderstorm with rain		95	R•
,, ,, hail		96	R▲
,, ,, Sandstorm		98	R≋

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

Cloudless	—	—	○
Cirrus	Ci	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 25 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 : Sunday 21st August, 1949

At 1200 on Satur. 20th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms
MEDITERRANEAN	62300	SALÛM	20	14	7	01	0	4	ac	13.9	26	70	20	
	62303	SÎDI BARÂNI	320	12	50	02	2	8	Sc,Cu,Ac	13.5	26	74	21	0
	62306	MATRÛH	20	13	18	02	1	5	Sc	13.6	27	58	18	
	62309	EL DABA	320	5	50	00	0	0	—	13.0	26	58	19	
		ALEXANDRIA	360	9	50	02	2	6	Cu,Sc	12.4	27	70	21	0
	62318	FOUAD (Airport)	340	10	18	01	2	4	Sc	12.3	29	59	20	
	62330	DAMIETTA	340	6	16	03	1	2	Cu	12.2	27	62	19	
	62333	PORT SAÏD	10	8	20	02	0	3	Sc	11.8	28	62	20	
	62336	EL 'ARISH	320	6	36	01	0	1	Cu	11.2	28	52	17	
LOWER EGYPT	62339	DAMANHUR	360	13	15	02	0	0	—	12.2	29	66	22	
	62342	MANSURA	320	9	36	01	1	3	Cu	11.6	31	49	19	
	62348	TANTA	360	13	35	02	0	0	—	10.3	32	43	18	
	62354	ZAGAZIG	320	6	15	00	0	0	—	11.9	32	49	20	
	62441	ISMAÏLIA	360	5	15	02	0	0	—	11.0	31	38	15	
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMÀZA												
		EZBEKÎYA	20	12	35	00	0	0	—	10.8	31	46	18	
		GÎZA	20	12	35	00	0	0	—	11.1	31	43	17	
	62378	HELWÂN	340	19	35	02	0	0	—	10.3	32	28	11	
UPPER EGYPT	62381	FAIYÛM	360	8	35	02	0	0	—	10.0	33	30	13	
	62387	MINYA	10	16	12	00	0	0	—	9.3	33	34	15	
	62393	ASYÛT MANQABAD	320	19	30	00	0	0	—	8.0	34	22	9	
	62399	NAG' HAMMÂDI	290	3	7	00	0	0	—	6.3	36	25	13	
	62402	QENA	240	5	50	00	0	0	—	5.5	40	23	15	
	62405	LUXOR												
	62414	ASWÂN	360	4	50	00	0	0	—	5.9	38	25	15	
OASES	62417	SÎWA	320	4	35	00	0	0	—	12.8	36	53	25	
	62420	BAHARÎYA	360	6	35	02	0	0	—	7.6	35	19	8	
	62423	FARAFRA												
	62432	DAKHLA	320	6	50	00	0	0	—	8.2	34	14	3	
	62435	KHARGA	360	1	35	00	0	0	—	8.7	35	29	14	
RED SEA	62450	SUEZ	360	15	35	02	0	0	—	9.0	32	34	14	
	62459	TÛR	310	12	35	00	0	0	—	7.0	30	70	24	
	62462	HURGHÂDA	330	18		00	0	0	—	5.0	30	59	21	
	62465	QUSEIR	360	9	15	02	0	0	—	5.4	32	59	23	
	62641	PORT SÛDÂN	70	13	7	07	0	2	Cu,Ac		37	45	23	
NORTH SÛDÂN	62600	WÂDI HALFA	340	13	30	01	0	1	ac	5.4	37	24	13	
	62640	ABU HAMAD	350	5	30	01	0	1	ac	3.0	40	14	8	
	62660	KAREIMA	360	8	30	01	1	6	Ac,Cu	4.2	39	13	6	
	62680	'ATBARA	280	2	30	01	0	1	ac	2.8	41	11	5	
	62721	KHARTÛM	330	4	30	02	1	3	Cu,Sc	4.3	39	10	2	
	62780	KASSALA	200	5	30	03	0	3	Cu	4.5	36	40	20	
CENTRAL SÛDÂN	62751	WÂD MEDANI	230	9	35	02	0	4	Cu	5.5	36	35	18	
	62801	RENK	230	5	50	02	0	0	—	6.9	31	55	21	
	62802	ROSEIRES	230	2	35	00	0	0	—	7.1	31	59	22	
	62771	EL OBEID	00	0	30	03	0	6	Cu,Ac	6.2	34	41	19	
	62760	EL FÂSHER	130	5	30	02	1	6	Cu,Ac		32	41	17	
	62770	GENEINA												
S. SÛDÂN	62840	MALAKÂL	210	2	30	02	2	7	Sc	8.6	29	62	21	
	62880	WÂU	210	2	30	03	1	7	Cu,Ac	8.2	30	55	20	
	62941	JUBA	50	5	30	01	2	6	Cu,Ac	7.7	31	55	21	

At 1800 on Satur. 20th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALÛM	40	5	7	02	0	0	—	14.3	24	74	19
	62303	SÎDI BARÂNI	320	10	35	01	1	8	Cu		23	65	16
	62306	MATRÛH											
	62309	EL DABA	310	4	15	00	0	0	—				20
		ALEXANDRIA	360	11	7	01	2		Sc,Cu	13.8	24	69	18
	62318	FOUAD (Airport)											
	62330	DAMIETTA	320	5		02	1	3	Fs,Fc	12.4	25	84	22
	62333	PORT SAÏD											
	62336	EL 'ARISH	340	9	15	01	0	0	—	12.4	25	74	20
LOWER EGYPT	62339	DAMANHUR	360	13	15	03	1	2	Cu	12.2	24	84	21
	62342	MANSURA	40	5		00	1	0	—	11.9	26	70	20
	62348	TANTA	360	2	35	01	0	3	Cu	12.7	25	70	19
	62354	ZAGAZIG	40	5		00	0	0	—	12.6	25	74	20
	62441	ISMAÏLIA	20	2		00	0	0	—	11.8	26	62	18
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMÀZA											
		EZBEKÎYA	20	8	15	00	0	0	—	12.2	26	66	19
		GÎZA	20	8	15	00	0	0	—	12.4	27	57	18
	62378	HELWÂN	360	8	15	02	0	0	—	11.4	27	55	17
UPPER EGYPT	62381	FAIYÛM	20	5	35	02	0	0	—	10.0	29	46	16
	62387	MINYA	10	11	10	00	0	0	—	9.2	28	45	15
	62393	ASYÛT MANQABAD											
	62399	NAG' HAMMÂDI	00	0		00	0	0	—	6.9	29	52	18
	62402	QENA	240	9	7	00	0	0	—	5.8	32	38	16
	62405	LUXOR	00	0	12	00	0	0	—	5.9	33		
	62414	ASWÂN	360	6	50	00	0	0	—	6.6	34	27	12
OASES	62417	SÎWA	320	15	7	00	0	0	—	13.0	31	66	24
	62420	BAHARÎYA	360	6	15	02	0	0	—	10.7	30	35	13
	62423	FARAFRA											
	62432	DAKHLA	320	3	35	00	0	0	—	8.3	30	21	5
	62435	KHARGA	00	0	15	00	0	0	—	8.2	31	22	7
RED SEA	62450	SUEZ	360	11	15	02	0	0	—	10.6	26	62	18
	62459	TÛR	310	9	15	00	0	0	—	7.0	28	79	24
	62462	HURGHÂDA	300	16		00	0	0	—	5.8	30	52	19
	62465	QUSEIR	330	9	15	02	0	0	—	6.2	30	70	24
	62641	PORT SÛDÂN											
NORTH SÛDÂN	62600	WÂDI HALFA											
	62640	ABU HAMAD											
	62660	KAREIMA											
	62680	'ATBARA											
	62721	KHARTÛM											
	62780	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 Sunday 21st August

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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.
MEDITERRANEAN	62300	SALUM	40	11	7	01	2	5	ac	14.7		25			17		70	19	0		
	62303	SIDI BARANI	20	10	50	03	2	8	Ac,Cs	14.5		24	27		21		69	18	0	278	
	62306	MATRUH	40	15	15	01	0	2	Sc	14.6		24			22				0		
	62309	EL DABA	340	7	35	01	1	3	ac	12.3		24			22		64	14	0		
		ALEXANDRIA	360	11	50	03	2		Sc,Ac	13.3	+2.5	23	29	-1	22	-1	50	12	0	267	186
	62318	FOUAD (Airport)	340	16	18	01	1	3	Sc	12.6		25			23		51	14	0	265	138
	62330	DAMIETTA	340	2	7	01	0	1	Cu	12.2	+2.5	25	28		17		61	17	0	319	106
	62333	PORT SAID	340	11	18	02	0	2	Sc	11.8		25			24		58	16	0	72	
	62336	EL 'ARISH	00	0	15	03	2	8	Cl.	11.1	+1.4	26	29	-1	21	0	74	21	0		94
LOWER EGYPT	62339	DAMANHUR	360	13	15	03	1	1	Cu	13.1	+2.8	24	30	-3	19	-1	61	16	0	102	101
	62342	MANSURA	360	9	35	00	0	0	—	12.4	+2.4	25	32	-3	20	-1	54	15	0	49	55
	62348	TANTA	310	8	35	02	0	0	—	12.3	+1.7	24	32	-2	17	-2	74	19	0	34	44
	62354	ZAGAZIG	320	9	7	00	0	0	—	12.4	+1.6	25	33	-2	20	0	61	17	0	21	27
	62441	ISMAILIA	20	5		00	2	7	As	11.4		25	32		23		61	17	0	14	
CAIRO AREA	62366	FAROUK (Airport)																			
	62372	ALMAZA																			
		EZBEKIYA	40	12	15	00	0	4	Ac	12.4	+2.0	24	32	-2	22	0	61	16	0	8	26
		GIZA	40	12	15	00	0	4	Ac	12.6	+2.2	24	31	-3	21	+2	64	17	0	16	27
	62378	HELWAN	320	12	15	03	2	7	Sc	11.6	+1.3	23	33	-2	21	0	65	16	0	16	29
UPPER EGYPT	62381	FAIYUM	360	8	35	03	1	3	Cu,Sc	11.4	+1.1	25	33	-3	20	-1	61	17	0	8	8
	62387	MINYA	20	16	10	02	1	4	Sc	10.8		24	34		20		74	19	0	5	
	62393	ASYUT MANQABAD	320	8	30	00	0	0	—	10.0		26			21		62	18	0	dr.	
	62399	NAG' HAMMADI	320	3		00	0	0	—	7.4	-0.9	26	38		22		62	18	0	0	
	62402	QENA	240	5	35	00	0	0	—	6.8	-1.0	27	41	+1	24	0	52	16	0	dr.	
	62405	LUXOR											40							dr.	
	62414	ASWAN	340	3	50	01	1	2	As	7.2	-0.5	29	40	-1	25	-1	49	17	0	2	
OASES	62417	SIWA	00	0	35	00	0	0	—	15.9	+3.5	22	38	0	18	-2	65	15	0	1	0
	62420	BAHARIYA	360	5	35	02	0	0	—	12.7	+1.6	24	36	0	20	0	69	18	0	dr.	7
	62423	FARAFRA																		dr.	
	62432	DAKHLA	320	4	35	00	0	0	—	10.6	+0.6	26	36	-3	23	0	37	10	0	dr.	
	62435	KHARGA	340	2	15	00	0	0	—	9.1	+0.1	27	36	-3	20	-3	55	17	0	0	
RED SEA	62450	SUEZ	360	9	3	00	0	7	Cb	10.4	+1.0	25	33	-3	21	-2	74	20	0	12	17
	62459	TUR	310	8	35	00	0	0	—	7.1	+0.2	27	32	-2	26	+2	70	21	0	dr.	13
	62462	HURGHADA	310	25		00	0	0	—	5.8		26	30		25		70	20	0	7	
	62465	QUSEIR	360	13	15	02	0	0	—	5.3	-1.3	29	33	-1	27	0	52	18	0	0	4
	62641	PORT SUDAN																		61	104
NORTH SUDAN	62600	WADI HALFA	340	4	30	01	2	5	Ci	8.1		27	38		23		42	13	0	27	
	62640	ABU HAMAD	350	2	30	02	2	7	ac	8.7		31	42		27		24	8	0		
	62660	KAREIMA	340	5	30	01	2	6	ac	7.1		30	41		26		24	7	0	40	20
	62680	'ATBARA	340	9	30	02	1	1	ac	5.0		33	42		30		21	8	0	29	52
	62721	KHARTUM	270	5	30	03	0	1	Ci	6.2		30	41		25		40	15	0	23	119
	62780	KASSALA																	0	235	229
CENTRAL SUDAN	62751	WAD MEDANI																	0	174	295
	62801	RENK																			382
	62802	ROSEIRES	180	2	35	01	1	2	ac	9.1		25	31		21		79	21	0	440	574
	62771	EL OBEID	250	12	30	00	0	0	—	8.4		27			24		66	20	dr.	194	250
	62760	EL FASHER																	c	117	231
	62770	GENEINA																			412
S. SUDAN	62840	MALAKAL	250	2	30	02	2	6	ac	11.1		25	29		22		89	23	dr.	813	631
	62880	WAU	230	1	30	03	1	7	Cu,Ac	11.2		24			22		84	21	0	823	869
	62941	JUBA	310	2	30	01	1	1	ac	10.7		25	31		19		79	21	0	567	813

HUMIDITY % Mean of day

STATION	on 20th	Diff from normal
Alexandria	68	-4
Ezbekiya	60	-2
Giza	55	-8
Helwân	59	+8

GIZA GRASS MINIMUM TEMP.

ON 21st 17.5 °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 20th

STATION	Minya				Hurghada				Matruh															
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	29			330	31			320	19														
600	360	27			330	22			310	19														
1000	10	30			350	12			320	11														
1500	20	30			320	13																		
2000					260	16																		
3000					250	25																		
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		
TIME	9		4		3		3				9	15	3		7				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	17	40	17	330	17	320	14			340	12	360		330	13			350	7	330			
600	20	19	40	10	340	16	340	9			20	5	360		340	20			10	16	330			
1000	10	16	350	9	340	14	320	6			250	10	10		360	22			20	12	300	25		
1500	340	9			340	12	60	9			280	3	320		350	16			280	9	310	29		
2000											250	6	320		20	15			230	11				
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

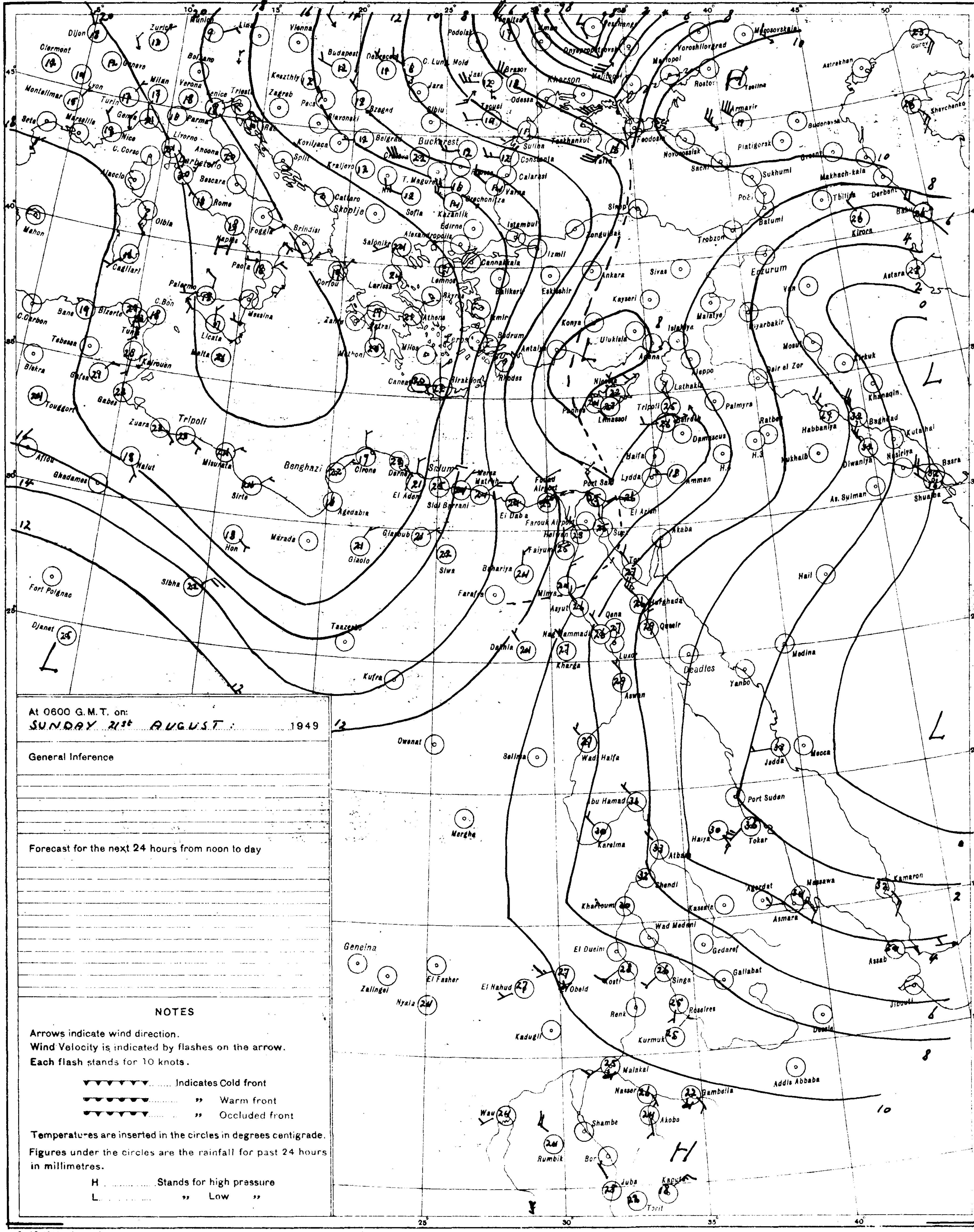
STATION	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME	9		9		9		7																9	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	30	6	10		350	31	360	15																
600	350	3	20		360	27	360	25															230	6
1000	20	11	10		340	36	360	26															210	6
1500	320	20	10				350	14															130	4
2000	300	18																					60	11
3000	330	10																						
4000	330	4																						
5000	350	5																						
6000	260	4																						
7000	290																							
8000	290	5																						

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

Note: All times G. M. T.

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

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 21st : 8 1949



At 0600 G.M.T. on:
SUNDAY 21st AUGUST : 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 } Thunderstorm during		91
Hail } the past hour		93
Thunderstorm with rain		95
„ „ hail		96
„ „ Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

S of E 1948(48/195)(48/45C)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 26 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 : Monday 22nd August, , 1949

At 1200 on Sun 21st

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.
MEDITERRANEAN	62300	SALÛM	40	11	7	01	2	3	ac	14.8	25	70	19	
	62303	SÎDI BARÂNI	360	5	50	01	2	0	—	14.6	26	48	14	
	62306	MATRÛH	40	16	18	02	1	4	st	14.4	25	45	12	
	62309	EL DABA	340	6	35	01	1	4		11.1	23	47	11	
		ALEXANDRIA	360	17	50	02	2	7	cu,sc	12.3	25	54	15	
	62318	FOUAD (Airport)	340	17	18	02	0	2	sc	11.9	26	51	15	
	62330	DAMIETTA	340	5	15	02	0	1	ac	11.2	25	61	17	
	62333	PORT SAÏD	350	10	30	02	0	2	sc	11.0	26	62	18	
	62386	EL 'ARISH	340	5	35	01	1	3	cu	11.2	26	70	20	
LOWER EGYPT	62339	DAMANHUR	360	13	15	02	1	1	cu	12.6	26	62	18	
	62342	MANSURA	340	13	35	00	0	0	—	11.1	27	40	14	
	62348	TANTA	270	5	35	02	0	0	—	11.0	27.	46	16	
	62354	ZAGAZIG	320	5	15	00	0	0	—	11.6	31	47	17	
	62441	ISMAÏLIA	20	5	15	02	0	0	—	10.2	30	40	15	
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMAZA												
		EZBEKÎYA	20	8	15	00	0	0	—	10.6	29	46	16	
		GÎZA	20	8	15	00	0	0	—	10.6	28	43	14	
	62378	HELWÂN	340	8	15	01	1	0	—	10.0	30	35	13	
UPPER EGYPT	62381	FAIYÛM	360	8	35	01	0	0	—	9.8	30	35	13	
	62387	MINYA	20	16	12	00	0	0	—	9.2	31	31	12	
	62393	ASYÛT MANQABAD	340	15	30	00	0	0	—	8.4	32	34	14	
	62399	NAG' HAMMÂDI	290	3	7	00	0	0	—	5.6	35	37	18	
	62402	QENA	270	2	50	00	0	0	—	5.0	39	30	18	
	62405	LUXOR	350	9	30	00	0	0	—	5.5	39	21	13	
	62414	ASWÂN	270	4	50	00	0	0	—	4.4	39	21	13	
OASES	62417	SÎWA	00	0	35	00	0	0	—	15.4	34	56	24	
	62420	BAHARÎYA	360	3	35	02	0	0	—	10.7	31	38	15	
	62423	FARAFRA												
	62432	DAKHLA	320	6	50	00	0	0	—	8.1	34			
	62435	KHARGA	40		35	00	0	0	—	8.3	34	36	17	
RED SEA	62450	SUEZ	360	9	35	01	1	0	—	8.6	30	46	17	
	62459	TÛR	310	16	35	00	0	0	—	5.5	29	79	25	
	62462	HURGHADA	330	19	30	00	0	0	—	4.2	29	66	22	
	62465	QUSEIR	20	9	15	02	0	0	—	4.0	31	66	24	
	62641	PORT SUDAN	70	15	7	05	1	3	ac	0.4	36	45	24	
NORTH SUDAN	62600	WÂDI HALFA	350	15	30	00	0	0	—	4.1	37	27	15	
	62640	ABU HAMAD	360	9	30	03	1	2	ac	2.4	42	14	9	
	62660	KAREIMA	340	5	30	00	1	2	ac	3.0	40	12	6	
	62680	'ATBARA	360	9	30	03	2	6	ac,ci	0.8	41	16	10	
	62721	KHARTÛM	300	1	30	03	0	2	cc	2.4	40	11	4	
	62730	KASSALA	250	5	30	03	0	3	cu	2.6	37	33	18	
CENTRAL SUDAN	62751	WÂD MEDANI	230	5	35	02	0	2	cu	2.6	38	25	15	
	62801	RENK	230	9	50	02	0	0	—	5.0	35	44	21	
	62802	ROSEIRES												
	62771	EL OBEID	360	9	30	02	1	5	cu	4.2	35	25	12	
	62760	EL FÂSHER	130	3	30	01	1	5	cu		33	41	18	
	62770	GENEINA	00	0	30	01	2	6	cu,ac		29	52	18	
S. SUDAN	62840	MALAKÂL	250	2	30	02	2	7	cu,ac	6.7	31	55	21	
	62880	WÂU	100	6	30	03	1	3	cu	6.8	32	49	20	
	62941	JUBA	340	9	30	16	1	6	st	5.4	33	50	21	

At 1800 on Sun. 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	40	6	7	01	0	2	ac	14.4	24	69	18	0
62303	SÎDI BARÂNI	360	12	35	02	0	0	—	14.1	23	74	18	0
62306	MATRÛH	40	16	12	01	1	2	sc	14.0	23	50	12	0
62309	EL DABA	320	3	15	00	0	0	—	10.3	23	65	16	0
	ALEXANDRIA	360	10	7	01	2	sc,ac		12.0	23	61	15	0
62318	FOUAD (Airport)	360	10	12	13	1	5	sc	11.7	23	61	15	0
62330	DAMIETTA	320	5		00	0	0	—	11.1	23	65	16	0
62333	PORT SAÏD	340	9	18	02	0	0	—	10.7	24	61	16	0
62386	EL 'ARISH	320	5	15	01	0	0	—	9.7	24	74	19	0
62339	DAMANHUR	360	9	15	02	0	0	—	12.6	24	69	18	0
62342	MANSURA	320	5		00	0	0	—	11.2	23	65	16	0
62348	TANTA	310	2	35	02	0	0	—	11.0	22	74	17	0
62354	ZAGAZIG	320	5		00	0	0	—	11.4	23	74	18	0
62441	ISMAÏLIA	360	2	7	01	0	0	—	10.6	24	61	16	0
62366	FAROUK (Airport)												
62372	ALMAZA												
	EZBEKÎYA	360	5	35	00	0	0	—	10.8	24	61	16	0
	GÎZA	360	5	35	00	0	0	—	11.5	24	62	16	0
62378	HELWÂN	340	13	7	02	0	0	—	10.4	25	54	15	0
62381	FAIYÛM	360	2	35	02	0	0	—	10.0	27	52	16	0
62387	MINYA	360	8	10	00	0	0	—	9.4	23	57	14	0
62393	ASYÛT MANQABAD												
62399	NAG' HAMMÂDI	270	2		00	0	0	—	6.0	29	46	16	0
62402	QENA	240	9	7	00	0	0	—	5.5	31	49	19	0
62405	LUXOR												
62414	ASWÂN	340	10	50	00	0	0	—	4.6	35	25	12	0
62417	SÎWA	00	0	35	00	0	0	—	14.3	27	52	16	0
62420	BAHARÎYA	360	3	15	02	0	0	—	11.5	26	37	10	0
62423	FARAFRA												
62432	DAKHLA	320	6	35	00	0	0	—	7.2	29	23	6	0
62435	KHARGA	340	1	35	00	0	0	—	8.2	30	35	13	0
62450	SUEZ	360	9	15	02	0	0	—	9.0	26	55	16	0
62459	TÛR	310	16	15	00	0	0	—	5.5	29	70	23	0
62462	HURGHADA	310	22		00	0	0	—	4.0	28	62	20	0
62465	QUSEIR	360	13	15	02	0	0	—	3.5	29	74	24	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 Monday 22nd August,

INDEX NUMBER	STATION	WIND 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	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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	SALÛM	270	8	7	03	2	5	ac	14.8		23	28		16		61	15	0			SALUM
62303	SÎDI BARÂNI	360	6	50	03	1	8	cu,cs	14.2		23	26		21		61	15	0	278		SÎDI BARÂNI
62306	MATRÛH	30	9	15	02	0	1	cu.	13.0		24	27		20		47	13	0			MATRÛH
62309	EL DABA	340	7	15	01	1	4		11.8		24			21		61	16	0			EL DABA
	ALEXANDRIA	20	6	50	03	2	6	st	10.8	-0.1	24	27	-3	22	-1	54	14	0	267	186	ALEXANDRIA
62318	FOUAD (Airport)	20	10	18	02	1	7	sc	11.2		24	27		24		54	14	0	265	138	FOUAD (Airport)
62330	DAMIETTA	340	2		03	1	3	cu	10.7	+0.9	25	27		16		61	17	0	319	106	DAMIETTA
62333	PORT SAÏD	360	8	14	03	1	5	sc	9.7		25	27		23		65	18	0	72		PORT SAÏD
62386	EL 'ARISH	00	0	35	03	1	5	cu	9.4	-0.4	26	28	-2	20	-1	62	18	0		94	EL 'ARISH
62339	DAMANHUR	360	5	7	01	1	7	ac	11.6	+1.2	24	28	-5	18	-2	69	18	0	102	101	DAMANHÛR
62342	MANSURA	360	5	35	01	1	4	cu	10.7	+0.6	25	30	-5	18	-3	61	17	0	49	55	MANSÛRA
62348	TANTA	00	0	35	01	1	2	cu	10.7	0.0	24	29	-5	14	-5	69	18	0	34	44	TANTA
62354	ZAGAZIG	320	5	7	02	1	4	ac	10.3	-0.6	22	31	-4	17	-3	84	19	0	21	27	ZAGAZIG
62441	ISMAÏLIA	270	2	7	00	1	4	ac	10.4		26	31		19		54	15	0	14		ISMAÏLIA
62366	FAROUK (Airport)																				FAROUK (Airport)
62372	ALMAZA																				ALMAZA
	EZBEKÎYA	340	3	15	00	0	1	as	11.0	+0.5	23	30	-4	19	-3	65	16	0	8	26	EZBEKÎYA
	GÎZA	340	3	15	00	0	1	as	11.0	+0.5	23	30	-4	16	-3	67	17	0	16	27	GÎZA
62378	HELWÂN	340	5	15	01	0	0	—	10.8	+0.4	22	30	-5	18	-3	65	15	0	16	29	HELWÂN
62381	FAIYÛM	360	8	35	03	0	2	cu,sc	10.8	+0.4	23	31	-5	18	-3	65	16	0	8	8	FAIYÛM
62387	MINYA	20	11	10	00	0	0	—	11.0		22	31		16		57	13	0	5		MINYA
62393	ASYÛT MANQABAD	340	15	30	00	0	1	cu	10.1		23			18		61	15	0	dr.		ASYÛT MANQABAD
62399	NAG' HAMMÂDI	290	4		00	0	0	—	8.0	-0.4	24	36		21		69	18	0	0		NAG' HAMMÂDI
62402	QENA	240	9	35	00	0	0	—	7.2	-0.6	25	42	+2	23	-1	61	17	0	dr.		QENA
62405	LUXOR																		dr.		LUXOR
62414	ASWÂN	360	8	50	00	0	0	—	7.9	+0.1	27	41	0	25	-1	52	16	0	2		ASWÂN
62417	SÎWA	320	6	35	00	0	0	—	15.2	+2.7	22	35	-3	15	-5	57	13	0	1	8	SÎWA
62420	BAHARÎYA	360	9	35	02	0	0	—	12.4	+1.2	22	32	-4	17	-3	65	15	0	dr.	7	BAHARÎYA
62423	FARAFRA																		dr.		FARAFRA
62432	DAKHLA	320	3	35	00	0	0	—	10.4	+0.3	23	34	-5	20	-3	44	10	0	dr.		DAKHLA
62435	KHARGA	340	1	35	00	0	0	—	10.3	+1.2	23	35	-4	22	-1	65	16	0	0		KHARGA
62450	SUEZ	00	0	35	00	0	1	cu	9.6	+0.1	24	32	-4	19	-4	61	16	0	12	17	SUEZ
62459	TÛR	310	16	35	00	0	0	—	5.5	-1.5	26	33	-1	25	+1	74	21	0	dr.	13	TÛR
62462	HURGHADA	320	27		00	0	0	—	4.8		25	33		24		70	19	0	7		HURGHADA
62465	QUSEIR	360	13	15	02	0	0	—	4.6	-2.4	29	32	-2	26	-1	66	22	0	0	4	QUSEIR
62641	PORT SUDAN	280	5	30	03	2	5	ac	3.5		34	42		31		63	26	0	61	104	PORT SÛDAN
62600	WÂDI HALFA	360	20	30	02	2	8	ac,cs	8.1		28	39		24		45	15	0	27		WÂDI HALFA
62640	ABU HAMAD	360	13	30	03	1	6	ac,ci	4.1		33	43		29		23	9	0			ABU HAMAD
62660	KAREIMA	360	16	20	07	2	8	ac,cs	6.0		31	41		29		24	8	0	40	21	KAREIMA
62680	'ATBARA	340	9	30	01	2	8	ac,cs	3.2		33	42		30		20	7	0	29	54	'ATBARA
62721	KHARTÛM	340	8	10	05	1	6	ac,ci	5.3		32	41		29		18	5	0	23	122	KHARTÛM
62730	KASSALA	180	9	30	02	2	8	cs	6.5		28	38		24		66	21	0	235	233	KASSALA
62751	WÂD MEDANI	200	13	50	02	1	6	ci	5.5		30	39		25		59	21	0	174	299	WÂD MEDANI
62801	RENK	230	5	50	02	2	8	ci	9.1		25	36		21		79	21	0		386	RENK
62802	ROSEIRES	270	2	3	63	6	8	cb	9.4		21	33		19		94	20	11	451	581	ROSEIRES
62771	EL OBEID	290	12	30	03	0	3	ci				36		22			18	0	194	254	EL OBEID
62760	EL FÂSHER	10	3	30	00	0	2	As,ci			25	34		22		70	19	0	117	235	EL FÂSHER
62770	GENEINA	160	3	30	01	1	2	ac			21	31				94	20	1		420	GENEINA
62840	MALAKÂL	230	2	30	02	2	7	ac	8.7		23	33		22		94	22	4	817	637	MALAKÂL
62880	WÂU	130	10	7	60	6	8	cb	12.2		21	33		21		95	21	28	851	876	WÂU
62941	JUBA	270	5	30	92	6	7	cb	10.8		25	34		21		74	20	1	568	817	JUBA

HUMIDITY % Mean of day

STATION	21st	Diff from normal
Alexandria	53	-19
Ezbekiya	55	-7
Giza	58	-5
Helwân	55	-4

GÎZA GRASS MINIMUM TEMP. ON 22nd 10.3 °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	PRESSURE mbs	HEIGHT ABOVE M.S.L. FEET	AIRPORT TEMP. °C	AIRPORT HUMID. %	AIRPORT WIND DIR.	AIRPORT WIND VEL.
		1000					
		950					
		900					
		850					
		800					
		700					
		600					
		500					
		400					
		300					

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

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

UPPER WIND OBSERVATIONS on 21st

STATION	Matruh		Foud A.P.		Port Said		Minya		Hurghada	
TIME	15		15		15		15		15	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	350	20	330	15	320	13	360	14	340	24
600	340	15	350	13			350		320	27
1000	360	20	350	17	340	8	350		310	11
1500	350	22	330	16	330	9	360	15	310	13
2000			340	17	300	9	330	16	250	19
3000							240	10		
4000										
5000										
6000										
7000										
8000										

UPPER WIND OBSERVATIONS on 22nd

STATION	SÎDI BARÂNI		MATRÛH		BOUAD AIRPORT		PORT SAÏD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABAD		LUXOR		ASWÂN		HURGHADA	
TIME	9		3 30		3		3						4		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.
300	330	15	350	19	10	9	10	10					360	27	330	20			350	16	340	31
600	330	13	360	18	10	14	360	8					360		340	14			360	17	320	9
1000	340	13	360	26	350	17	340	4					360	27	340	16			350	17	310	13
1500	330	7	10	23			300	3							300	9					260	19
2000			360	14			270	3							220	14					260	
3000			120	3																		
4000			20	4																		
5000																						
6000																						
7000																						
8000																						

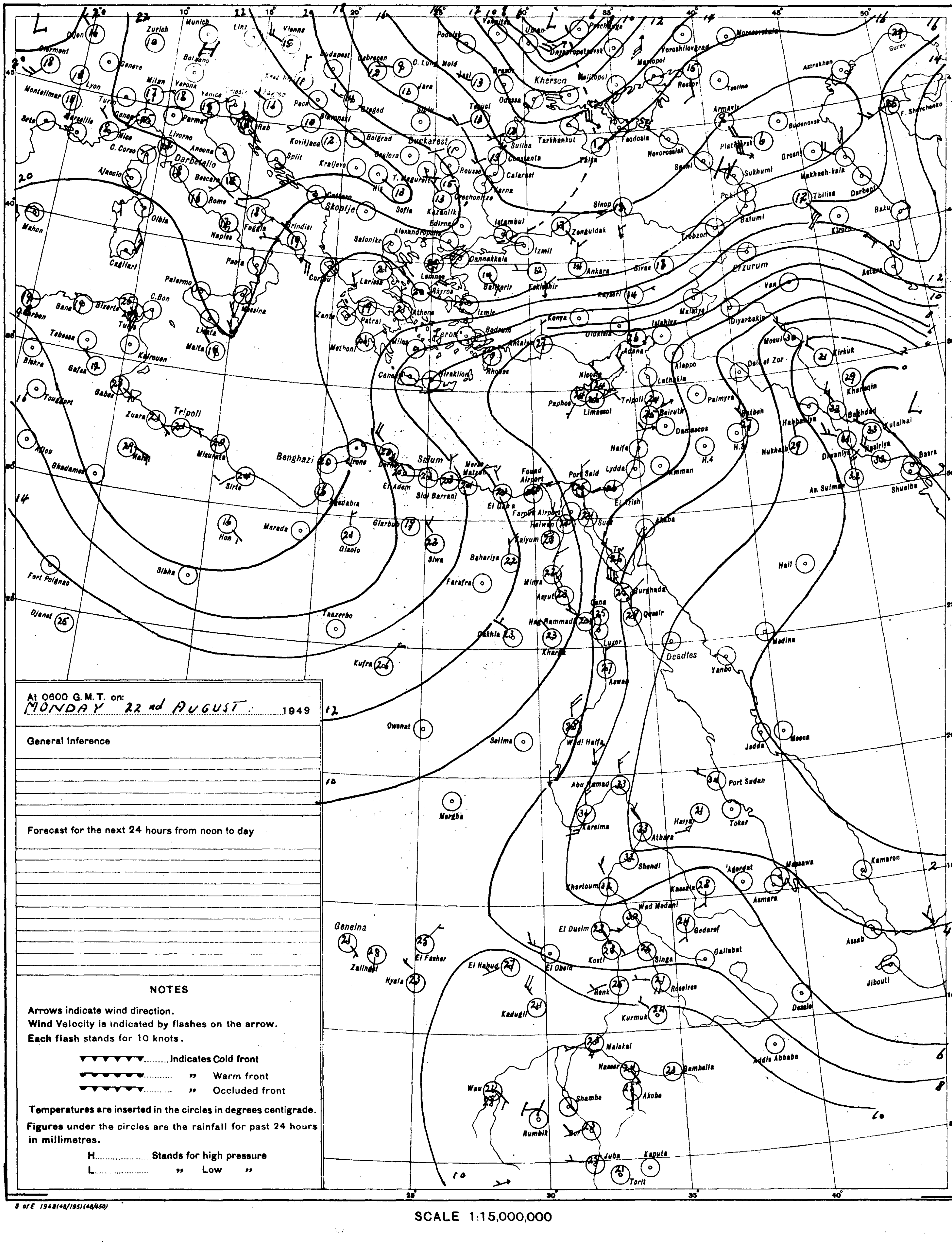
STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7																	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	350	15	360		350	35	360	16																
600	350	16	10	9	340	16	350	21																
1000	350	16	350	22	340	23	330	23																
1500	350	16	360				270	9																
2000	340	29					200	18																
3000	320	18																						
4000	300	9																						
5000	300	10																						
6000																								
7000																								
8000																								

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

Note: All times G. M. T.

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

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 22nd : 8 1949



At 0600 G.M.T. on:
MONDAY 22nd AUGUST 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 ,,

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

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

CAIRO

Time of Sunrise 03 26 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 : Tuesday 23rd August, 1949

At 1200 on Mon. 22nd

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALÛM	40	11	7	01	0	0	—	14.0	25	54	15
	62303	SIDI BARÂNI	360	10	50	02	2	6	Cu,Cs	14.0	25	69	16
	62306	MATRÛH			18	02	1	3	Cu	12.8	26	45	13
	62309	EL DABA	340	8	15	01	1	4		12.4	25	61	17
		ALEXANDRIA	20	10	50	01	2		Sc,Cu	11.0	25	54	16
	62818	FOUAD (Airport)	340	10	18	02	2	5	Sc	10.4	26	48	14
	62330	DAMIETTA	360	5	15	01	0	2	Fs,Fc	9.9	27	55	17
	62333	PORT SAÏD	360	11	30	01	0	2	Cu	9.4	26	62	18
	62336	EL 'ARISH	360	9	35	01	0	0	—	9.4	27	62	19
LOWER EGYPT	62339	DAMANHUR	40	13	15	01	1	1	Cu	10.7	29	52	18
	62342	MANSURA	340	9	35	00	1	0	—	9.4	30	40	15
	62348	TANTA	310	13	35	02	1	0	—	9.4	30	46	17
	62354	ZAGAZIG	320	5	15	00	1	0	—	9.6	31	49	19
	62441	ISMAÏLIA	360	2	35	00	0	0	—	8.3	31	36	17
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMAZA	340	13	30	00	0	0	—	8.7	30	38	14
		EZBEKIYA	340	9	35	00	0	0	—	8.8	29	46	16
		GÎZA	340	9	35	00	0	0	—	8.2	29	46	16
	62378	HELWÂN	340	12	35	02	0	0	—	8.3	30	35	13
UPPER EGYPT	62381	FAIYÛM	360	2	35	01	0	0	—	8.3	31	31	12
	62387	MINYA	10	13	12	00	0	0	—	8.3	32	34	14
	62393	ASYÛT MANQABAD	320	16	30	00	0	0	—	7.8	30	38	14
	62399	NAG HAMMADI	270	3	7	00	0	0	—	6.4	32	38	16
	62402	QENA	240	5	50	00	0	0	—	5.5	36	20	10
	62405	LUXOR											
	62414	ASWÂN	340	6	50	01	0	2	Cu				
OASES	62417	SÎWA	320	4	35	00	0	0	—	14.8	29	35	12
	62420	BAHARÎYA	360	8	35	02	0	0	—	10.6	30	31	11
	62423	FARAFRA											
	62432	DAKHLA	320	6	50	00	0	0	—	9.4	29	23?	6?
	62435	KHARGA	360	1	35	00	0	0	—	8.3	31	31	12
RED SEA	62450	SUEZ	00	0	35	01	0	0	—	7.9	31	38	15
	62459	TÛR	310	16	35	00	0	0	—	4.7	28	70	22
	62462	HURGHADA	320	15		00	0	0	—	3.9	28	66	21
	62465	QUSEIR	360	9	15	02	0	0	—	3.8	31	66	24
	62641	PORT SUDAN											
NORTH SUDAN	62600	WÂDI HALFA	340	13	10	00	1	0	—	5.4	36	35	18
	62640	ABU HAMAD	20	13	30	03	2	7	Ac,Cs	0.2	41	10	4
	62660	KAREIMA	360	10	10	02	1	4	Ac	2.2	39	13	6
	62680	'ATBARA	340	5	30	03	2	7	Ac,Cs	998.5	41	17	11
	62721	KHARTÛM	340	12	10	03	2	8	Cs	0.4	40	14	8
	62730	KASSALA	230	2	30	02	1	4	Cs	1.6	37	24	13
CENTRAL SUDAN	62751	WÂD MEDANI	340	9	35	02	1	7	Ac	1.1	38	21	12
	62801	RENK											
	62802	ROSEIRES	230	2	35	01	1	0	—	4.8	29	43	15
	62771	EL OBEID	360	6	30	03	1	4	Ac,Cs	2.8	35	19	8
	62760	EL FÂSHER	360	4	30	01	1	3	Cu,Ac		34	27	12
	62770	GENEINA	230	2	30	01	0	3	Cu		31	46	18
S. SUDAN	62840	MALAKÂL	270	2	30	61	9	8	Cb,Sc	8.5	24	94	23
	62880	WÂU	160	6	30	02	1	6	Ac	7.9	26	70	20
	62941	JUBA	50	2	30	03	2	8	Sc,Ac	6.2	30	59	21

At 1800 on Mon. 22nd

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.
MEDITERRANEAN	62300	SALÛM	40	5	7	01	0	0	—	13.9	24	61	16	0
	62303	SIDI BARÂNI	40	8	35	01	1	3		14.2	22	65	15	0
	62306	MATRÛH	10	8	13	03	1	2	Sc	13.1	22	53	12	0
	62309	EL DABA	320	6	15	00	0	0	—	10.7	24	61	16	0
		ALEXANDRIA	330	9		03	2	6	Cu,Sc	11.0	23	61	15	0
	62818	FOUAD (Airport)	360	10	14	02	2	4	Sc	10.8	23	61	15	0
	62330	DAMIETTA	340	2		03	1	5	Sc	10.6	24	69	18	0
	62333	PORT SAÏD	340	5	18	01	0	3	Sc	10.2	25	65	18	0
	62336	EL 'ARISH	360	5	15	03	1	2	Cu		25	74	20	0
LOWER EGYPT	62339	DAMANHUR	40	5	15	02	1	1	Cu	11.0	24	69	18	0
	62342	MANSURA	360	5		00	0	0	—	10.4	23	74	18	0
	62348	TANTA	310	2	35	02	0	0	—		23	74	18	0
	62354	ZAGAZIG	320	5		00	0	0	—	10.4	24	69	18	0
	62441	ISMAÏLIA	20	2	7	02	0	0	—	9.8	25	61	17	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMAZA	350	15	15	00	0	0	—	9.7	26	48	14	0
		EZBEKIYA	20	5	35	00	0	0	—	9.5	25	65	18	0
		GÎZA	20	5	35	00	0	0	—	9.5	25	60	17	0
	62378	HELWÂN	340	19	7	02	0	0	—	9.1	26	55	16	0
UPPER EGYPT	62381	FAIYÛM	360	2	35	02	0	0	—	8.2	27	52	16	0
	62387	MINYA	00	0	10	00	0	0	—	8.6	24	54	14	0
	62393	ASYÛT MANQABAD												
	62399	NAG HAMMADI	00	0		00	0	0	—	6.2	28	52	17	0
	62402	QENA	240	9	7	00	0	0	—	5.4	30	40	15	0
	62405	LUXOR	00	0	12	00	0	0	—	5.3	31	21	6	0
	62414	ASWÂN	360	4	50	00	0	0	—	5.1	33	30	13	0
OASES	62417	SÎWA	00	0	35	00	0	0	—	13.5	26	42	12	0
	62420	BAHARÎYA	360	4	15	02	0	0	—	10.8	27	37	11	0
	62423	FARAFRA												
	62432	DAKHLA	320	6	35	00	0	0	—	7.8				0
	62435	KHARGA	360	1	15	00	0	0	—	8.2	28	33	10	0
RED SEA	62450	SUEZ	360	9	15	02	0	0	—	8.2	26	70	20	0
	62459	TÛR	310	16	15	00	0	0	—	7.0	28	61	20	0
	62462	HURGHADA	290	12		00	0	0	—	3.7?	28	62	20	0
	62465	QUSEIR	360	13	15	02	0	0	—	4.3	30	66	23	0
	62641	PORT SUDAN												
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 0600 on Tuesday 23rd August.

AREA	INDEX NUMBER	STATION	WIND 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	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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.
MEDITERRANEAN	62300	SALÛM	300	24?	7	01	0	2	Ac	13.9		23	25		18		65	16	0		
	62303	SIDI BARÂNI	340	10	50	03	1	8	Cu,Cs			24	26		21		69	18	0	278	
	62306	MATRÛH	40	8	15	02	1	3	Sc	12.7		24	27				47	12	0		
	62309	EL DABA	320	6	35	00	0	0	—	12.3		24					54	14	0		
		ALEXANDRIA	360	10	50	02	2	5	Cu,Sc	11.5	+0.5	24	27	-3	22	-1	61	16	0	267	186
	62818	FOUAD (Airport)	340	10	14	02	2	5	Sc	10.8		24	28		22		57	15	0	265	138
	62330	DAMIETTA	220	2		02	1	6	Fs,Fc	11.1	+1.2	25	28		20		61	17	0	319	106
	62333	PORT SAÏD	360	3	30	02	2	7	Sc	10.4		25	27		24		59	16	0	72	
	62336	EL 'ARISH	360	2	35	03	2	6	Cu	10.0	+0.1	26	29	-1	24	+3	70	20	0		94
LOWER EGYPT	62339	DAMANHUR	360	9	15	03	1	3	Cu	11.4	+0.9	24	30	-3	19	-1	69	18	0	102	101
	62342	MANSURA	360	5	15	03	2	7	Cu	11.1	+0.9	22	31	-4	21	0	69	16	0	49	55
	62348	TANTA	310	2	35	03	2	6	Cu	11.9	+1.1	24	30	-4	16	-3	61	16	0	34	44
	62354	ZAGAZIG	320	5	7	02	1	5	Ac	11.2	+0.2	25	32	-3	18	-2	54	15	0	21	27
	62441	ISMAÏLIA	340	2	7	00	1	3	Ac	10.6		25	31		20		61	17	0	14	
CAIRO AREA	62366	FAROUK (Airport)																			
	62372	ALMAZA	10	10	12	02	0	5	Sc	11.0	+0.4	26	30		19		51	15	0		
		EZBEKIYA	340	7	15	00	0	0	—	11.2	+0.6	24	30	-4	20	-1	57	15	0	8	26
		GÎZA	340	7	15	00	0	0	—	11.4	+0.8	24	31	-3	17	-2	58	15	0	16	27
	62378	HELWÂN	360	9	15	01	1	1	Sc	11.0	+0.5	22	31	-3	19	-2	65	15	0	16	29
UPPER EGYPT	62381	FAIYÛM	360	8	35	02	0	0	—	11.0	+0.5	23	32	-4	19	-2	61	15	0	8	8
	62387	MINYA	20	13	6	00	0	0	—	10.5		22	32		18		65	15	0	5	
	62393	ASYÛT MANQABAD	340	12	30	00	0	0	—	9.9		24			19		67	15	0	dr.	
	62399	NAG HAMMADI	290	2		00	0	0	—	7.9	-0.6	25	34		21		70	19	0	0	
	62402	QENA	240	9	35	03	0	3	Ci	7.1	-0.8	25	37	-3	23	-1	70	19	0	dr.	
	62405	LUXOR											37							dr.	
	62414	ASWÂN	360	4	50	01	1	5	Ac	7.1	-0.7	29	38	-3	25	-1	49	17	0	2	
OASES	62417	SÎWA	00	0	35	00	0	0	—	14.8	+2.2	21	32	-5	16	-4	57	12	0	1	8
	62420	BAHARÎYA	360	5	35	02	0	0	—	12.0	+0.7	22	32	-4	18	-2	65	15	0	dr.	7
	62423	FARAFRA																		dr.	
	62432	DAKHLA	320	8	35	00	0	0	—	9.4	-0.8	23	32	-7	20	-3	50	12	0	dr.	
	62435	KHARGA	360	1	35	00	0	0	—	9.3	+0.2	28	33	-6	21	-1	40	13	0	0	
RED SEA	62450	SUEZ	00	0	35	00	0	0	—	9.3	-0.3	25	34	-2	21	-2	70	19	0	12	17
	62459	TÛR	310	3	35	00	0	0	—	6.7	-0.4	26	33	-1	24	0	74	21	0	dr.	13
	62462	HURGHADA	300	24		03	0	2	Cu	4.1		26	29		25		70	20	0	7	
	62465	QUSEIR	360	13	15	03	1	6	Ac	4.9	-2.2		32	-2	26	-1	62	20	0	0	4
	62641	PORT SUDAN	360	5	10	03				5.3		31					84	28	0	61	104
NORTH SUDAN	62600	WÂDI HALFA	10	5	30	01	0	1	Ac	8.2		26					51	15	0	27	
	62640	ABU HAMAD	00	0	30	03	0	3	Ac,Cs	5.4								10	0		
	62660	KAREIMA	20	8	30	02	2	8	Ac,Cs	6.3		31					24	6	0	40	21
	62680	'ATBARA																	0	29	55
	62721	KHARTÛM																	0	23	125
	62730	KASSALA																	2	237	237
CENTRAL SUDAN	62751	WÂD MEDANI																	0	174	303
	62801	RENK																			391
	62802	ROSEIRES																	50	501	586
	62771	EL OBEID																	0	194	256
	62760	EL FÂSHER																	0	117	240
	62770	GENEINA																			428
S. SUDAN	62840	MALAKÂL																	5	822	643
	62880	WÂU																	0	861	883
	62941	JUBA																	25	893	821

HUMIDITY %

Mean of day

STATION	on 22nd	Diff. from normal
Alexandria	54	-18
Ezbekiya	60	-2
Giza	59	-5
Helwân	56	+4

GÎZA

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						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 22nd

STATION	Matruh				Foad A.P.				Port Said				Minya				Hurghada							
TIME	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.
300	340	13			340	17			340	13			360	28			330	35						
600	350	10			340	19			350	12			360	38			330	28						
1000	340	12			320	17			330	3			360	29			320	12						
1500	330	11			10	15			60	3			340	42?			300	21						
2000	320	5											330	26			220	20						
3000	250	9															160	21						
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 23rd

STATION	SIDI BARÂNI		MATRÛH		BOUAD AIRPORT		PORT SAÏD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABAD		LUXOR		ASWÂN		HURGHADA		
TIME	9		3 30		3		4				9		3 30		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	340	14	350	17	350	17	360	2			360	14	360	22	330	21			360	9	330	36		
600	340	15	350	12	340	12	340	2			10	10	10		320	20			360	22	310	23		
1000	340	13	340	12	350	11					20	8	340	23	330	14			30	16	310	12		
1500	330	4	340	15							350	7	210	8	340	11			40	3	10	4		
2000	270	9	240	5							220	12	190	6	210	21			140	5	210	8		
3000	260	4													190	25			170	9	160	13		
4000																					180	17		
5000																					200	27		
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7																	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	340	10	330	19	350	15	10	14																
600	330	10	360	17	360	17	10	18																
1000	340	7	360	24	360	20																		
1500	340	12	360	38																				
2000	350	3																						
3000	270	3																						
4000																								
5000																								
6000																								
7000																								
8000																								

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

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 23rd 8 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	S
	,, or sand raised by wind	07	≈
	Dust devil	08	≋
	Duststorm or sandstorm within sight or at station during last hour	09	(≈)
	Mist	10	=
	Shallow fog	12	=
Lightning, no thunder heard		13	<
Precipitation within sight		16	(•)
Thunder, no precipitation		17	(R)
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,
	Rain	21	•
	Showers of rain	25	▽
	,, ,, hail	27	▽
	Fog	28	≡
	Thunderstorm	29	R
Duststorm or Sandstorm		31	≈
Fog		45	≡
Drizzle		50	,
Rain		60	•
Showers of rain		80	▽
,, ,, hail		87	▽
Rain / Hail	Thunderstorm during the past hour	91	R• / R△
Thunderstorm with rain		95	R•
,, ,, hail		96	R
,, ,, Sandstorm		98	R

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

Cloudless	—	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

SCALE 1:15,000,000

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

CAIRO
Time of Sunrise 03 27 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 : Wednesday 24th August , 1949

At 1200 on Tues. 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	00	0	2	Ac	13.6	25	61	17
	62303	SÎDI BARÂNI	340	8	50	02	3	8	Cu, Cs	13.8	25	70	19
	62306	MATRÛH	50	8	17	02	1	1	Cu	12.6	26	42	12
	62309	EL ḌABA	820	7						12.2	26	48	14
		ALEXANDRIA	360	10	50	01	2		Sc Cu	11.2	26	55	16
	62318	FOUAD (Airport)	340	13	18	01	1	1	Sc	10.9	27	52	16
	62330	DAMIETTA	360	5	15	00	0	0	—	10.2	26	55	16
	62333	PORT SAÏD	360	5	30	02	0	0	—	9.9	26	55	16
	62336	EL 'ARISH	320	5	36	01	0	0	—	8.8	27	70	21
LOWER EGYPT	62339	DAMANHUR	270	9	15	02	0	0	—	10.7	28	58	19
	62342	MANṢURA	40	9	35	00	1	0	—	9.8	30	40	15
	62348	TANTA	310	8	35	02	1	0	—	10.7	31	43	17
	62354	ZAGAZIG	320	5	15	00	1	0	—	10.3	30	46	17
	62441	ISMAÏLIA	360	2	36	02	0	0	—	8.7	32	38	16
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMÂZA											
		EZBEKÎYA	340	5	35	00	0	0	—	9.4	29	46	16
		GÎZA	340	5	35	00	0	0	—	9.9	29	46	16
	62378	HELWÂN	320	11	15	02	0	0	—	8.7	29	40	14
UPPER EGYPT	62381	FAIYÛM	360	8	35	02	0	0	—	9.0	30	35	13
	62387	MINYA	20	12	12	00	0	0	—	9.4	30	40	15
	62393	ASYÛṬ MANQABÂD	300	12	30	00	0	0	—	8.9	30	35	13
	62399	NAG' ḤAMMÂDI	290	3	7	00	0	0	—	7.0	33	34	15
	62402	QENA	240	9	50	00	0	0	—	5.8	37	40	21
	62405	LUXOR											
	62414	ASWÂN	340	5	50	00	0	0	—	4.3	39	24	15
OASES	62417	SÎWA	00	0	35	00	0	0	—	13.3	32	59	23
	62420	BAHARÎYA	360	3	35	02	0	0	—	10.4	30	31	11
	62423	FARAFRA											
	62432	DAKHLA	320	7	50	00	0	0	—	9.2	32		
	62435	KHARGA	360	2	35	00	0	0	—	8.8	32	28	11
RED SEA	62450	SUEZ	00	0	35	03	0	1	Cu	7.5	31	43	17
	62459	TÛR	310	3	35	00	0	0	—	6.0	29	66	22
	62462	HURGHÂDA	330	19		01	0	1	Cu	4.3	28	74	23
	62465	QUSEIR	360	9	15	01	1	1	Ac	4.2	31	15	24
	62641	PORT SŪDÂN	50	11	30	03	0	2	Cu	2.6	34	63	26
NORTH SŪDÂN	62600	WÂDI HALFA											
	62640	ABU ḤAMAD	360	1	30	03	1	8	Ac, Cs	2.3	39	20	12
	62650	KAREIMA	40	3	0.7	06	4	9		2.1	39	23	14
	62680	'ATBARA	230	2	7	05	2	7	Cu, Ac	2.6	39	26	16
	62721	KHARTÛM	180	15	4	06	3	8	Ac, Cs	3.8	33	41	18
	62780	KASSALA	200	5	30	02	1	5	Cu, Ac	4.5	35	35	17
CENTRAL SŪDÂN	62751	WÂD MEDANI	200	13	35	02	2	7	Ci	4.0	34	36	17
	62801	RENK	230	9	50	02	2	8	Cu	6.2	27	66	20
	62802	ROSEIRES											
	62771	EL OBEID	130	3	10	01		7	Ac, Cs	2.9	35	18	7
	62760	EL FÂSHER	310	2	30	02	1	6	Cs		34	25	11
	62770	GENEINA	230	2	30	01	1	6	Cu, Ac		31	46	18
S. SŪDÂN	62840	MALAKÂL	230	2	50	01	6	2	Cu, Ac	6.4	25	79	21
	62880	WÂU	130	15	30	07	2	8	Sc	6.8	27	66	20
	62941	JUBA	310	2	30	03	1	3	Cu, Cs	6.7	30	69	21

At 1800 on Tues 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	320	6	7	01	0	0	—	13.9	24	54	14	0
62303	SÎDI BARÂNI	40	6	35	01	1	3		13.9	23	74	18	0
62306	MATRÛH	20	3	13	02	1	1	Cu	13.1	22	57	13	0
62309	EL ḌABA	320	5	35	00	0	0	—	11.0 ?	24	61	16	0
	ALEXANDRIA	360	5		01	2		Sc Cu	11.3	24	61	16	0
62318	FOUAD (Airport)	340	9	12	02	1	4	Sc	11.5	23	65	16	0
62330	DAMIETTA	340	5		02	0	0	—	11.5	25	65	18	0
62333	PORT SAÏD	340	8	18	02	0	0	—	10.7	25	61	17	0
62336	EL 'ARISH	360	5	15	02	0	0	—	10.7	25	74	20	0
62339	DAMANHUR	310	5	15	02	1	2	Cu	11.8	22	74	17	0
62342	MANṢURA	320	5		00	0	0	—	11.5 ?	24	69	18	0
62348	TANTA	360	2	35	02	0	0	—	12.3	23	56	12	0
62354	ZAGAZIG	320	5		00	0	0	—	11.8	24	69	18	0
62441	ISMAÏLIA	20	2	15	02	0	0	—	10.4	25	61	17	0
62366	FAROUK (Airport)												
62372	ALMÂZA												
	EZBEKÎYA	360	4	15	00	0	0	—	10.8	26	58	17	0
	GÎZA	360	4	15	00	0	0	—	10.8	24	63	17	0
62378	HELWÂN	340	11	7	02	0	0	—	10.4	26	55	16	0
62381	FAIYÛM	00	0	35	00	0	0	—	9.6	28	45	15	0
62387	MINYA	00	0	10	00	0	0	—	9.4	25	54	15	0
62393	ASYÛṬ MANQABÂD												
62399	NAG' ḤAMMÂDI	00	0		00	0	0	—	7.5	27	62	19	0
62402	QENA	240	5	7	00	0	0	—	5.9	30	52	19	0
62405	LUXOR	00	0	12	00	0	0	—	6.0	32	28	11	0
62414	ASWÂN	360	5	50	00	0	0	—	5.3	36	22	11	0
62417	SÎWA	00	0	35	00	0	0	—	13.4	26	62	18	0
62420	BAHARÎYA	360	3	15	02	0	0	—	11.0	26	42	12	0
62423	FARAFRA												
62432	DAKHLA	320	6	35	00	0	0	—	9.1	28			0
62435	KHARGA	340	1	15	00	0	0	—	8.3	29	35	12	0
62450	SUEZ	360	10	15	01	0	0	—	9.0	27	55	17	0
62459	TÛR	310	13	15	00	0	0	—	7.0				0
62462	HURGHÂDA	300	16		00	0	0	—	4.7 ?				0
62465	QUSEIR	360	8	15	03	1	3	Ci	5.7	29	70	23	0
62641	PORT SŪDÂN												
62600	WÂDI HALFA												
62640	ABU ḤAMAD												
62650	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 Wednesday 24th August

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL mms. Total from Oct. 1st.	RAINFALL mms. Normal from Oct. 1st.	STATION
62300	SALÛM	290	8	7	02	0	0	—	14.3		23	26		17		61	15	0			SALUM
62303	SÎDI BARÂNI	290	6	50	03	2	3	Cu, Cs	14.8		24	26		21		69	18	0	278		SÎDI BARÂNI
62306	MATRÛH	320	2	14	02	1	2	Sc	14.1		24	27		21		54	14	0			MATRÛH
62309	EL ḌABA	320	3	15	01	1	3		13.1		24			19		61	16	0			EL ḌABA
	ALEXANDRIA	360	9	50	03	2		Sc Cu, Ac	13.5	+2.4	24	27	-3	22	-1	61	16	0	267	186	ALEXANDRIA
62318	FOUAD (Airport)	340	10	12	02	1	2	Sc	12.9		24	28		21		61	16	0	265	138	FOUAD (Airport)
62330	DAMIETTA	250	2	7	03	0	2	Ac	12.7	+2.7	25	28		16		70	19	0	319	106	DAMIETTA
62333	PORT SAÏD	330	2	12	03	0	2	Sc	12.6		25	27		22		61	17	0	72		PORT SAÏD
62336	EL 'ARISH	220	2	35	03	1	3	Cu	12.2	+2.2	26	28	-2	21	0	70	20	0		94	EL 'ARISH
62339	DAMANHUR	40	9	7	01	1	1	Cu	13.3	+2.7	24	29	-4	17	-3	69	18	0	102	101	DAMANHÛR
62342	MANṢURA	360	5	15	00	1	0	—	13.3	+2.9	25	32	-2	19	-2	61	17	0	49	55	MANṢÛRA
62348	TANTA	00	0	35	02	0	0	—	13.8	+2.9	22	31	-3	14	-5	88	19	0	34	44	ṬANṬA
62354	ZAGAZIG	320	5	7	00	0	0	—	13.5	+2.4	25	32	-3	17	-3	61	17	0	21	27	ZAGAZIG
62441	ISMAÏLIA	340	2	7	02	0	0	—	13.0		24	33		20		69	18	0	14		ISMAÏLIA
62366	FAROUK (Airport)																				FAROUK (Airport)
62372	ALMÂZA	360	9	14	00	0	0	—	13.1	+2.4	22			19		74	17	0			ALMÂZA
	EZBEKÎYA	360	5	15	00	0	0	—	13.5	+2.8	24	30	-4	20	-1	69	18	0	8	26	EZBEKÎYA
	GÎZA	360	5	15	00	0	0	—	13.9	+2.2	23	30	-4	17	-2	65	16	0	16	27	GÎZA
62378	HELWÂN	340	9	15	00	0	1	Cu, Sc	13.2	+2.7	22	30	-4	19	-2	65	15	0	16	29	HELWÂN
62381	FAIYÛM	360	8	35	02	0	0	—	13.5	+2.9	23	32	-4	19	-2	65	16	0	8	8	FAIYÛM
62387	MINYA	20	15	10	00	0	0	—	12.2		22	32		18		69	16	0	5		MINYA
62393	ASYÛṬ MANQABÂD	340	5	30	00	0	0	—	11.7		25			19		51	14	0	dr.		ASYÛṬ MANQABÂD
62399	NAG' ḤAMMÂDI	290	2		01	0	4	Ac	10.0	+1.4	23	35		21		74	18	0	0		NAG' ḤAMMÂDI
62402	QENA	240	9	35	03	0	3	Ci	9.1	+1.1	26	39	-1	24	0	55	16	0	dr.		QENA
62405	LUXOR											39							dr.		LUXOR
62414	ASWÂN	360	6	50	00	0	0	—	8.8	+0.9	30	41	0	27	+1	46	17	0	2		ASWÂN
62417	SÎWA	00	0	35	00	0	0	—	15.6	+2.9	23	32	-5	18	-2	65	16	0	1	8	BÎWA
62420	BAHARÎYA	360	4	35	02	0	0	—	13.4	+2.0	22	32	-4	18	-2	74	17	0	dr.	7	BAHARÎYA
62423	FARAFRA																		dr.		FARAFRA
62432	DAKHLA	320	6	35	00	0	0	—	11.2	+0.9	24	32	-6	21	-2			0	dr.		DAKHLA
62435	KHARGA	20	2	35	00	0	0	—	10.7	+1.5	25	33	-6	22	0	54	15	0	0		KHARGA
62450	SUEZ	00	0	35	00	0	0	—	11.6	+1.9	25	34	-2	20	-3	61	17	0	13	17	SUEZ
62459	TÛR	310	6	35	00	0	0	—	7.6	+0.4	26	33	-1	26	+2	74	21	0	dr.	13	TÛR
62462	HURGHÂDA	320	21		02	0	4	Ac	7.6		26	30		24		70	20	0	7		HURGHADA
62465	QUSEIR	330	13	15	00	1	3	Ac	7.5	+0.3	29	33	-1	26	-1	66	22	0	0	4	QUSEIR
62641	PORT SŪDÂN	50	1	10	00	1	0	—	6.0		33	35		28		74	28	0	61	104	PORT SŪDÂN
62600	WÂDI HALFA	350	7	30	02	1	3	Ac, Ci	9.2		29	39		24		43	15	0	27		WÂDI HALFA
62640	ABU ḤAMAD	310	9	10	03	0	8	Ac	6.6		33	40		27		23	9	0			ABU ḤAMAD
62650	KAREIMA																	1.0	50	22	KAREIMA
62680	'ATBARA																	.0	29	56	'ATBARA
62721	KHARTÛM	200	5	30	01	2	5	Ac, Cs	8.6		29	35		27		52	18	0	23	127	KHARTÛM
62780	KASSALA	160	2	30	01	1	8	Ac	9.6		28	36		24		66	21	0	237	241	KASSALA
62751	WÂD MEDANI	230	9	50	01	1	4	Cs	9.1		27	35		22		58	18	0	174	307	WÂD MEDANI
62801	RENK																			395	RENK
62802	ROSEIRES	160	2	3	02	2	7	Ci	11.0		22	28		21		95	22	0	501	596	ROSEIRES
62771	EL OBEID																	0	194	262	EL OBEID
62760	EL FÂSHER	00	0	30	01	0	3	Ac			26	36		22		51	15	0	117	144	EL FÂSHER
62770	GENEINA	250	2	30	01	1	6	Ac			20	33		18		88	18	0		436	GENEINA
62840	MALAKÂL	180	3	30	82	4 ?	6	Ac	11.3		24	26		19		84	20	0.3	822	649	MALAKÂL
62880	WÂU	00	0	30	80	8	8	Sc, Cu	11.0		22	31		20		94	21	22	873	890	WÂU
62941	JUBA	200	6	30	03	2	3	Cu, Ac	12.7		24	31		20		74	19	0	593	825	JUBA

HUMIDITY % Mean of day

STATION	on 23rd	Diff. from normal
Alexandria	52	-20
Ezbekîya	54	-8
Gîza	55	-9
Helwân	59	+7

GÎZA GRASS MINIMUM TEMP.

ON 24th 11.8 °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 ____						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						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 23rd

STATION	Matruh				Foad A.P.				Port Said				Minya				Hurghada			
TIME	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.
300	330	17			330	14			340	10			360	25			330	31		
600	330	12			340	11			330	9			360	20			300	18		
1000	330	4			350	7			290	11			350	18			320	11		
1500	290	6			320	4			300	7			360	21			270	8		
2000	280	6			280	7			300	4			360	19			190	10		
3000					260	10											190	12		
4000					220	14														
5000																				
6000																				
7000																				
8000																				

UPPER WIND OBSERVATIONS on 24th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛṬ MANQABÂD		LUXOR		ASWÂN		HURGHADA		
TIME	9		9		3		3				8 30		3		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	300	25	320	8	320	10	300	7			350	8	360		340	12			360	19	320	24		
600	300	25	320	15	330	13	310	6			20	12	360		350	12			40	13	310	17		
1000	300	15	320	16	310	8	330	5			10	11	350		350	16			30	20	310	12		
1500	270	10	330	4	200	10	260	4			320	4	260	11					340	14	30	3		
2000					210	15	30	4			240	8	200	6					60	4	70	5		
3000							80	4					190	14										
4000																								
5000																								
6000																								
7000																								
8000																								

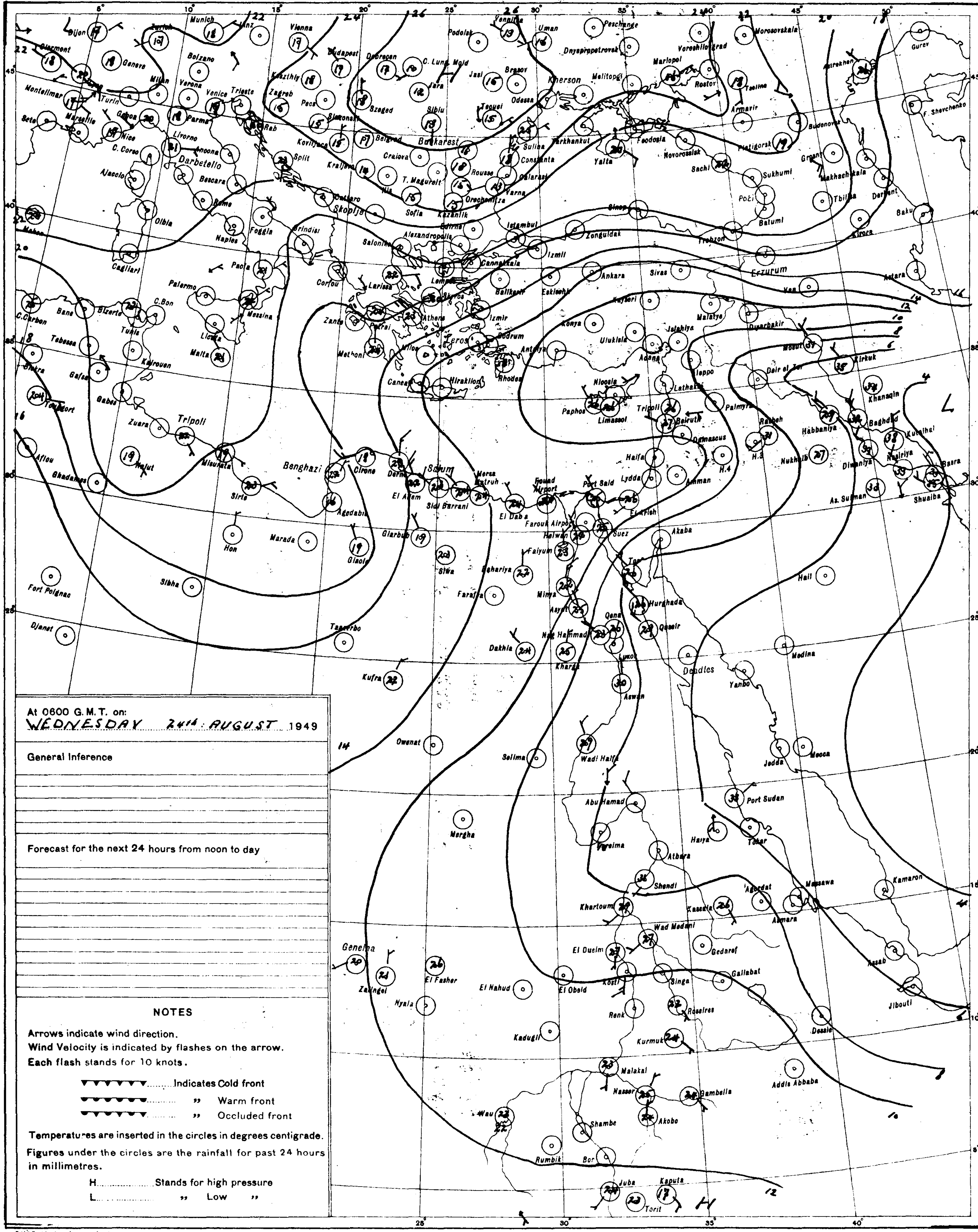
STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ ḤAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7		4								3 30							
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	340	5	350	20	360	18	10	19																
600	330	6	350	22	360	17	10	24	350	15					260	11	180	6						
1000	310	10	360	27	350	20	340	17	350	17					270	15	190	5						
1500	300	7	360	33					360	7					340	18	140	2						
2000	240	6							180	9														
3000	210	22							150	6							90	9						
4000	220	16																						
5000	210	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).

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 24th 8 1949



At 0600 G.M.T. on:
WEDNESDAY 24th: AUGUST 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 ,,

S'o/E 1948(48/195)(48/450)

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

CAIRO

Time of Sunrise 03 28 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 : Thursday 25th August, 1949

At 1200 on Wednes. 24th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALÛM	40	12	7	02	0	0	—	14.0	26	55	16
	62303	SÎDI BARÂNI	340	8	50	02	2	8	Cu,Cs		26	74	20
	62306	MATRÛH	10	9	18	00	1	0	—	14.5	26	48	14
	62309	EL DABA	320	4	35	00	0	0	—	14.0	25	61	17
		ALEXANDRIA	310	10	50	03	2		Sc,Cu,Ac	13.8	27	52	16
	62318	FOUAD (Airport)	10	12	18	01	6	1	Cu	13.3	28	49	16
	62330	DAMIETTA	340	5	16	00	0	0	—	12.7	26	62	18
	62333	PORT SA'ÎD	360	9	30	02	0	0	—	12.2	26	66	19
	62336	EL 'ARISH	320	5	35	01	0	0	—	12.6	27	70	21
LOWER EGYPT	62339	DAMANHUR	230	9	15	02	0	0	—	12.8	28	58	19
	62342	MANSURA	360	9	35	00	0	0	—	12.6	31	43	17
	62348	TANTA	310	6	35	02	0	0	—	13.3	31	43	17
	62354	ZAGAZIG	140	5	15	00	0	0	—	12.8	31	49	19
	62441	ISMAÎLIA	340	2	35	02	0	0	—	11.4	32	34	14
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMÂZA											
		EZBEKÎYA	20	7	35	00	0	0	—	11.9	30	46	17
		GÎZA	20	7	35	00	0	0	—	12.2	30	43	16
	62378	HELWÂN	340	15	15	02	0	0	—	11.1	31	31	12
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0	—	11.1	32	28	11
	62387	MINYA	20	15	12	00	0	0	—	11.5	31	38	15
	62393	ASYÛT MANQABAD	320	13	30	00	0	0	—	10.5	32	29	12
	62399	NAG' HAMMÂDI	270	2	7	00	0	0	—	8.3	35	37	18
	62402	QENA	240	9	50	02	1	3	Ci	6.6	39	34	20
	62405	LUXOR											
	62414	ASWÂN	360	4	50	00	0	0	—	6.1	42	17	12
OASES	62417	SÎWA	00	0	35	00	0	0	—	15.6	30	59	21
	62420	BAHARÎYA	320	3	35	02	0	0	—	11.2	31	38	15
	62423	FARAFRA	360	3	15	02	0	0	—	13.3	32		
	62432	DAKHLA	320	5	60	00	0	0	—	11.2	33	21	8
	62435	KHARGA	20	2	35	00	0	8	Cs	10.3	34	27	12
RED SEA	62450	SUEZ	360	6	35	02	0	0	—	9.6	32	34	14
	62459	TÛR	310	16	35	00	0	0	—	7.6	29	66	22
	62462	HURGHÂDA	330	16		00	1	0	—	6.0	28	42	24
	62465	QUSEIR	20	9	15	01	1	1	Ac		32	66	25
	62641	PORT SÛDAN	70	12	10	00	0	0	—	2.3	37	63	29
NORTH SÛDAN	62600	WÂDI HALFA	360	6	30	01	0	1	Ci	6.0	39	36	21
	62640	ABU HAMAD	00	0	4	05	0	0	—	4.4	42	16	11
	62660	KAREIMA	30	1	30	00	2	0	—	6.2	36	44	21
	62680	'ATBARA	160	5	30	03	1	1	Cu	3.8	40	26	17
	62721	KHARTÛM	160	10	30	01	1	2	Ac,Cu	5.1	37	27	15
	62780	KASSALA	270	2	30	02	1	3	Cu	5.8	37	33	18
CENTRAL SÛDAN	62751	WÂD MEDANI											
	62801	RENK	230	9	50	02	1	4	Cu	7.5	33	47	20
	62802	ROSEIRES											
	62771	EL OBEID	180	10	30	02	1	6	Cu,Ac	5.2	33	36	16
	62760	EL FÂSHER	90	7	30	01	0	3	Ac		34	25	11
	62770	GENEINA	70	5	30	01	1	3	Ac		32	28	11
S. SÛDAN	62840	MALAKÂL	160	7	30	03	1	8	Cu	7.8	31	65	21
	62880	WÂU	130	7	30	03	1	7	Cu,Ac	7.9	29	62	21
	62941	JUBA	50	5	30	02	1	2	Cu,Ac	7.0	31	55	21

At 1800 on Wednes. 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.	RAIN PAST 12 hrs mms.
MEDITERRANEAN	62300	SALÛM	320	6	7	03	0	4	Ac	14.7	25	54	15	0
	62303	SÎDI BARÂNI	340	6	35	01	0	1	Ac	15.5	23	74	18	0
	62306	MATRÛH	40	2	12	00	0	0	—	15.1	22	63	12	0
	62309	EL DABA	320	3	15	00	0	0	—				18	0
		ALEXANDRIA	360	11		01	2		Sc,Ac	14.6	23	61	15	0
	62318	FOUAD (Airport)	350	9	14	03	1	4	Sc	14.4	24	65	17	0
	62330	DAMIETTA	340	6		00	0	0	—	12.8	24	74	19	0
	62333	PORT SA'ÎD	10	11	15	01	0	2	Sc	13.4	24	74	19	0
	62336	EL 'ARISH	340	5	15	03	1	2	Cu	13.1	25	84	22	0
LOWER EGYPT	62339	DAMANHUR	360	5	15	02	0	0	—	14.0	24	84	21	0
	62342	MANSURA	320	5		00	0	0	—	14.4	24	69	18	0
	62348	TANTA	310	2	35	02	0	0	—	14.3	22	57	13	0
	62354	ZAGAZIG	320	5		00	0	0	—	14.6	24	69	18	0
	62441	ISMAÎLIA	20	5	7	02	0	0	—	13.1	25	61	17	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMÂZA												
		EZBEKÎYA	340	4	15	00	0	0	—	13.8	26	62	18	0
		GÎZA	340	4	15	00	0	0	—	14.0	26	63	18	0
	62378	HELWÂN	340	10	7	02	0	0	—	13.2	28	45	15	0
UPPER EGYPT	62381	FAIYÛM	00	0	35	02	0	0	—	11.8	28	45	15	0
	62387	MINYA	360	7		00	0	0	—	11.7	25	51	14	0
	62393	ASYÛT MANQABAD												
	62399	NAG' HAMMÂDI	290	13		00	0	0	—	9.0	28	52	17	0
	62402	QENA	240	5	7	02	1	3	Ci	7.8	31	38	15	0
	62405	LUXOR	00	0	12	01	1	2	Ac	7.2	33	30	13	0
	62414	ASWÂN	360	5	50	00	0	0	—	6.0	38	13	5	0
OASES	62417	SÎWA	00	0	35	00	0	0	—	15.4	26	55	16	0
	62420	BAHARÎYA	360	2	15	02	0	0	—	12.7	27	37	11	0
	62423	FARAFRA												
	62432	DAKHLA	320	4	35	00	0	0	—	10.0	29	23	6	0
	62435	KHARGA	360	1	15	00	0	0	—	9.0	30	35	13	0
RED SEA	62450	SUEZ	360	12	16	02	0	0	—	11.6	27	55	17	0
	62459	TÛR	310	15	15	00	0	6	Ci	6.4	27	70	21	0
	62462	HURGHÂDA	290	9		00	0	0	—	6.4				0
	62465	QUSEIR	360	9	15	02	0	0	—	6.7	30	66	23	0
	62641	PORT SÛDAN												
NORTH SÛDAN	62600	WÂDI HALFA												
	62640	ABU HAMAD												
	62660	KAREIMA												
	62680	'ATBARA												
	62721	KHARTÛM												
	62780	KASSALA												
CENTRAL SÛDAN	62751	WÂD MEDANI												
	62801	RENK												
	62802	ROSEIRES												
	62771	EL OBEID												
	62760	EL FÂSHER												
	62770	GENEINA												
S. SÛDAN	62840	MALAKÂL												
	62880	WÂU												
	62941	JUBA												

At 0600 on Thursday 25th August.

AREA	INDEX NUMBER	STATION	WIND 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.	STATION
MEDITERRANEAN	62300	SALÛM	270	4	7	02	0	0	—	15.5		23	28		16		65	16	0			SALUM
	62303	SÎDI BARÂNI	290	9	50	03	1	8	Sc,Cu	15.6		24	26		19		49	18	0	278		SÎDI BARÂNI
	62306	MATRÛH	340	4	15	03	1	5	Sc	15.7		25	27		17		51	14	0			MATRÛH
	62309	EL DABA	320	4	35	00	0	0	—	15.0		24			19		69	18	0			EL DABA
		ALEXANDRIA	20	8	50	01	2		Ac,Ci			24	28	-2	22	-1	69	18	0	267	186	ALEXANDRIA
	62318	FOUAD (Airport)	360	8	35	02	0	1	Sc	14.6		25	28		21		61	17	0	265	138	FOUAD (Airport)
	62330	DAMIETTA	340	2		03	1	3	Fs,Fc	14.2	+4.2	25	27		19		70	19	0	319	106	DAMIETTA
	62333	PORT SA'ÎD	20	5	14	03	0	5	Sc	13.8		25	27		23		70	19	0	72		PORT SA'ÎD
	62336	EL 'ARISH	320	5	35	02	1	3	Cu	13.4	+3.4	26	28	-2	23	+2	70	20	0		94	EL 'ARISH
LOWER EGYPT	62339	DAMANHUR	40	9	7	01	1	3	Cu	14.8	+4.2	24	29	-4	18	-2	74	19	0	102	101	DAMANHÛR
	62342	MANSURA	360	5	35	02	1	6	Cu	14.6	+4.2	24	32	-2	20	-1	69	18	0	49	55	MANSÛRA
	62348	TANTA	270	2	35	03	2	6	Cu	14.2	+3.3	24	31	-3	15	-4	74	19	0	34	44	TANTA
	62354	ZAGAZIG	320	5	7	03	0	4	Ac	14.0	+2.9	25	33	-2	18	-2	70	19	0	21	27	ZAGAZIG
	62441	ISMAÎLIA	340	2	3	01	2	6	Ac	14.0		26	33		21		62	18	0	14		ISMAÎLIA
CAIRO AREA	62366	FAROUK (Airport)																				FAROUK (Airport)
	62372	ALMÂZA																				ALMÂZA
		EZBEKÎYA	340	4	15	00	0	1	Cu	14.7	+4.0	24	31	-3	20	-1	69	18	0	8	26	EZBEKÎYA
		GÎZA	340	4	15	00	0	1	Cu	14.6	+3.9	24	31	-3	19	0	68	18	0	16	27	GÎZA
	62378	HELWÂN	360	13	15	01	2	5	Cu,Sc	14.2	+3.6	23	32	-2	20	-1	65	16	0	16	29	HELWÂN
UPPER EGYPT	62381	FAIYÛM	360	8	35	03	0	2	Cu,Sc	14.3	+3.7	24	33	-3	20	-1	69	18	0	8	8	FAIYÛM
	62387	MINYA	20	16	10	00	0	0	—	12.7		23	32		19		65	16	0	5		MINYA
	62393	ASYÛT MANQABAD	340	10	30	00	0	0	—	12.6		26			20		55	16	0	dr.		ASYÛT MANQABAD
	62399	NAG' HAMMÂDI	270	3		00	0	2	Ac	9.9	+1.3	25	36		22		70	19	0	6		NAG' HAMMÂDI
	62402	QENA	240	13	35	03	1	4	Ci	9.0	+1.0	26	40	0	24	0	56	16	0	dr.		QENA
	62405	LUXOR											41							dr.		LUXOR
	62414	ASWÂN	360	4	50	01	1	3	Ac	8.3	+0.4	29	44	+3	27	+1	46	16	0	2		ASWÂN
OASES	62417	SÎWA	00	0	35	00	0	0	—	17.2	+4.5	22	32	-5	17	-3	74	17	0	1	8	SÎWA
	62420	BAHARÎYA	360	4	35	02	0	0	—	14.3	+2.9	23	32	-4	19	-1	65	16	0	dr.	7	BAHARÎYA
	62423	FARAFRA	360	3	15	02	0	0	—	14.6		25			19		32	7	0	dr.		FARAFRA
	62432	DAKHLA	320	9	35	00	0	0	—	10.8	+0.5	28	34	-4	23	0	27	7	0	dr.		DAKHLA
	62435	KHARGA	360	1	35	00	0	0	—	10.7	+1.4	27	34	-5	24	+2	55	17	0	0		KHARGA
RED SEA	62450	SUEZ	20	11	35	00	0	5	Cu	12.8	+3.0	25	34	-2	22	-1	61	17	0	12	17	SUEZ
	62459	TÛR	310	12	35	00	1	6	Ci	8.7	+1.5	26	33	-1	25	+1	74	21	0	dr.	13	TÛR
	62462	HURGHÂDA	300			02	0	4	Ac	7.8		26	30		25		70	20	0	7		HURGHADA
	62465	QUSEIR	360	9	15	00	1	3	Ac	7.5	+0.2	30	32	-2	28	+1	66	23	0	0	4	QUSEIR
	62641	PORT SÛDAN	90	3	10	01	1	2	Cs	4.9		35	38		29		59	26	0	61	105	PORT SÛDAN
NORTH SÛDAN	62600	WÂDI HALFA	340	10	30	01	0	1	Ac	8.1		30	41		26		40	15	0	27		WÂDI HALFA
	62640	ABU HAMAD	00	0	30	03	0	3	Ci	5.9		33	43		28		23	9	0			ABU HAMAD
	62660	KAREIMA	290	1	30	02	2	8	Ac,Cs	7.8		29	37		26		46	16	0	91	22	KAREIMA
	62680	'ATBARA	230	13	7	05	3	8	Ac,Cs	7.5		24	40		26		55	19	0	24	57	'ATBARA
	62721	KHARTÛM	160	23	10	02	3	8	Ac	11.0		30	39		26				0	23	130	KHARTÛM
	62780	KASSALA																	7	244	245	KASSALA
CENTRAL SÛDAN	62751	WÂD MEDANI	200	5	50	03	6	8	Fs,Fc	12.6		28	37		19				18	192	310	WÂD MEDANI
	62801	RENK																			399	RENK
	62802	ROSEIRES																	6	507	603	ROSEIRES
	62771	EL OBEID	200	3	30	03	0	3	Ac	9.2		27	35		24		55	17	0	194	266	EL OBEID
	62760	EL FÂSHER																	0	117	249	EL FÂSHER
	62770	GENEINA																			444	GENEINA
S. SÛDAN	62840	MALAKÂL	230	1	30	01	1	3	Ac	10.9		24	32		22		94	23	0	822	653	MALAKÂL
	62880	WÂU	00	0	30	02	0	2	Ac	10.3		24	30		21		89	22	dv	873	897	WÂU
	62941	JUBA	360	2	30	03	1	3	Cu,Ac	10.5		25	32		21		79	21	0	593	829	JUBA

HUMIDITY % Mean of day

STATION	on 24th	Diff. from normal
Alexandria	57	-15
Ezbekiya	61	-1
Giza	59	-5
Helwân	54	+2

GÎZA

GRASS MINIMUM TEMP. ON 25th 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						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 24th

STATION	Matruh		Faid A.F.		Port Said		Minya		Hurghada									
TIME	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.
300	340	18	340	22	360	16	360	20	340									
600	330	21	360	12	340	14	340	21	350									
1000	330	11	350	17	300	7	340	25	320	10								
1500	280	16			290	3	30	7	280	7								
2000	250	9			240	15	270	11	240	7								
3000	240	12			240	12	230	18										
4000																		
5000																		
6000																		
7000																		
8000																		

UPPER WIND OBSERVATIONS on 25th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABAD		LUXOR		ASWÂN		HURGHADA		
TIME	9		3	30	3		3				9		3		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	320	19	320	11	340	7	340	9			10	19	10	16	330	13			10	5	330			
600	320	20	320	14	250	4	330	7			10	26	10	18	340	20			360	22	320			
1000	310	15	320	13	330	16	340	6			20	26	10	17	350	18			20	15	340	10		
1500	350	7	220	20	330	11	40	6			340	6	360	15					40	21	30	22		
2000	290	14	250	12	230	12	90	16			280	13							50	24	100	9		
3000					200	22	120	4																
4000																								
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7								5								4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	320	4	360		300	19	360	22																
600	10	5	360		360	19	360	23							130	27							60	6
1000	340	13	360		360	23	360	24							130	23							40	6
1500	300	12	360				20	13							170	18							110	3
2000	250	10																					130	4
3000	230	21																						
4000	190	28																						
5000	180	22																						
6000																								
7000																								
8000																								

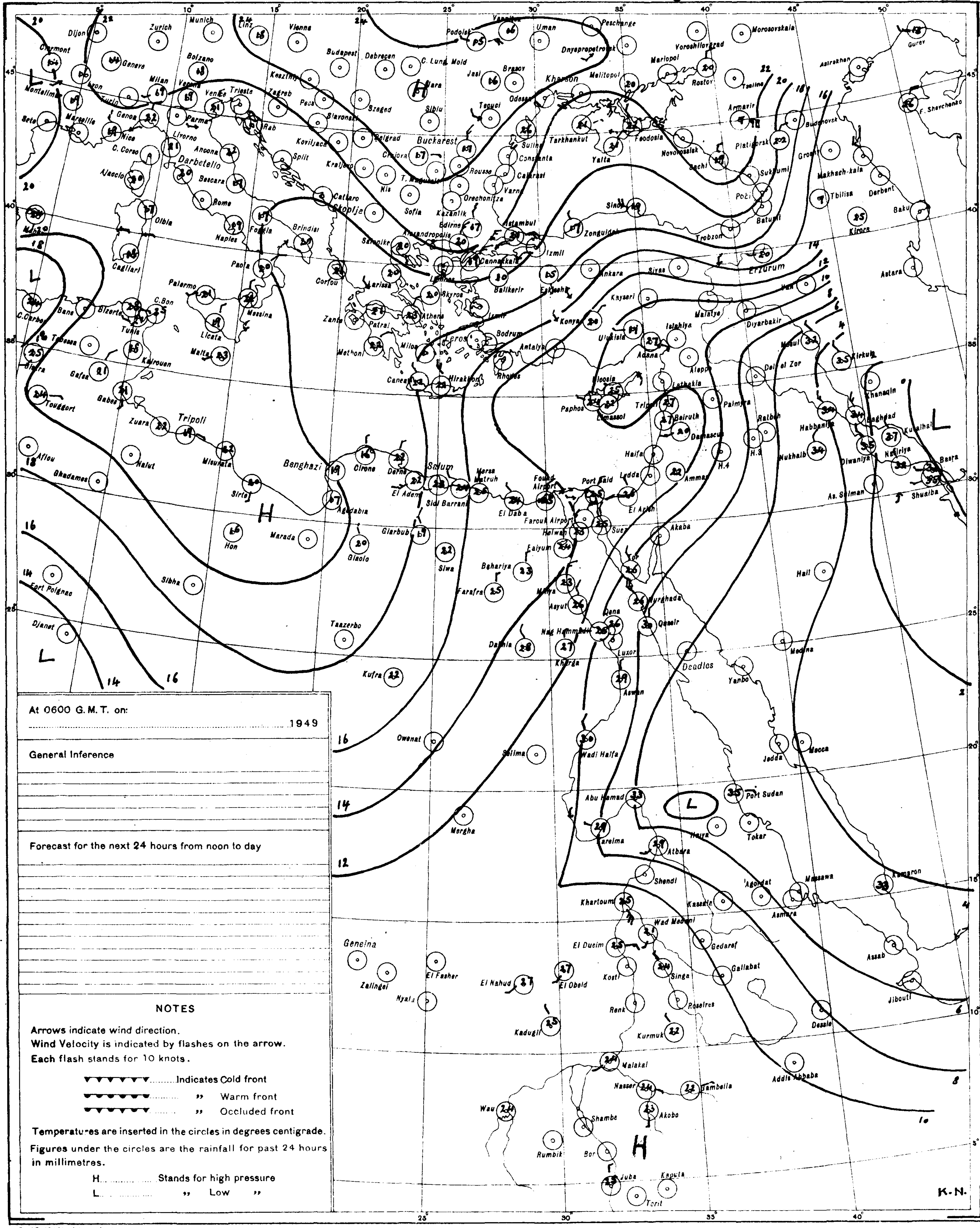
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 August 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 } Thunderstorm during		91
Hail } the past hour		93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

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

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 28 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 : Friday 26th August, 1948

At 1200 on Thurs. 25th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALÛM	360	13	7	02	0	0	—	15.4	27	62	19
	62303	SÎDI BARÂNI	320	18	50	02	2	8	Cu,Cs	16.3	26	74	21
	62306	MATRÛH	20	12	18	02	1	2	Cu	15.8	26	54	15
	62308	EL DABA	320	6	35	00	0	0	—	16.0	26	62	18
		ALEXANDRIA	360	9	50	03	2		Sc,Cu	14.7	26	62	18
	62318	FOUAD (Airport)	340	15	18	02	1	4	Cu	14.6	28	52	17
	62330	DAMIETTA	360	2	15	01	0	1	Ac	13.3	26	66	19
	62333	PORT SAÏD	350	13	18	02	0	0	—	13.0	26	70	20
	62336	EL 'ARÎSH	320	2	35	01	0	0	—	12.8	26	70	20
LOWER EGYPT	62339	DAMANHÛR	360	9	15	02	1	1	Cu	14.4	28	58	19
	62342	MANSÛRA	360	9	36	00	1	0	—	13.3	30	40	15
	62345	TANTA	360	13	35	02	0	0	—	13.1	30	46	17
	62354	ZAGAZIG	320	5	15	00	1	0	—	13.9	31	52	20
	62441	ISMAÏLÍA	360	5	35	02	0	0	—	12.2	32	34	14
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMAZA											
		EZBEKÎYA	340	8	35	00	0	0	—	12.6	30	49	18
		GÎZA	340	8	35	00	0	0	—	13.4	30	48	18
	62378	HELWÂN	360	15	7	06	0	0	—	12.2	30	40	15
UPPER EGYPT	62381	FAYÛM	360	8	35	01	0	0	—	12.0	31	38	15
	62387	MINYA	20	17	12	00	0	0	—	11.5	32	38	16
	62393	ASYÛT MANQABAD	330	14	30	00	0	0	—	9.9	33	32	14
	62399	NAG' HAMMADI	290	3	7	00	0	0	—	6.0	36	33	12
	62402	QENA	240	13	50	02	1	4	Ci	5.0	39	34	20
	62405	LUXOR											
	62414	ASWÂN	360	12	50	00	0	0	—	3.5	43	17	13
OASES	62417	SÎWA	320	4	35	00	0	0	—		32	59	23
	62420	BAHARÎYA	360	3	36	02	0	0	—	12.6	32	34	14
	62423	FARAFRA	360	5	15	02	0	0	—	12.8	33	21	8
	62432	DAKHLA	320	6	50	00	0	0	—	9.4	35	15	6
	62435	KHARGA	360	2	16	00	0	0	—	8.7	36	29	15
RED SEA	62456	SUEZ	360	11	35	01	0	0	—	10.7	31	38	15
	62459	TÛR	310	13	15	01	1	4	Ci	5.9	30	66	23
	62462	HURGHÂDA	330	16		01	1	1	Ac	5.9	29	66	22
	62465	QUSEIR	360	9	15	01	1	2	Ac	5.7	32	59	23
	62641	PORT SUDAN	40	12	7	07	0	0	—	1.4	38	46	25
NORTH SUDAN	62600	WÂDI HALFA	360	15	30	03	1	3	Ac	4.1	43	38	26
	62640	ABU HAMAD	10	1	30	01	0	1	Ac	1.5	42	14	9
	62660	KAREIMA	290	5	30	00	2	2	Cc	2.8	39	20	12
	62680	'ATBARA	270	9	2	07	2	9		2.9	38	27	16
	62721	KHARTÛM	200	10	30	03	2	8	Cs	4.8	36	27	14
	62730	KASSALA											
CENTRAL SUDAN	62751	WÂD MEDANI	200	2	50	02	2	7	Cs	6.0	27	70	21
	62801	RENK	230	5	50	02	1	4	Ci	6.3	34	47	21
	62802	ROSEIRES	230	3	35	02	1	0	—	6.6	30	66	23
	62771	EL OBEID	70	6	30	03	1	6	Cu,Ci	6.1	33	36	16
	62760	EL FASHER	160	7	30	01	1	5	Cu		33	36	16
	62770	GENEINA	290	1	30	16	0	7	Cb,Ac		31	46	18
S. SUDAN	62840	MALAKÂL	340	4	30	01	1	5	Cu	6.9	33	53	22
	62880	WÂU	160	2	30	01	1	4	Cu	7.1	32	49	20
	62941	JUBA	310	20	30	15	2	8	Cb,Ac	6.6	31	55	21

At 1800 on Thurs. 25th

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-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	2	Ac	15.2	25	61	17	0
62303	SÎDI BARÂNI	320	8	35	01	0	3	Cu	16.2	23	84	20	0
62306	MATRÛH	360	11	12	01	0	2	Cu	15.4	23	65	16	0
62308	EL DABA	320	5	15	00	0	0	—	13.8	23	74	18	0
	ALEXANDRIA	20	10		02	2		Ac,Sc	14.8	24	61	16	0
62318	FOUAD (Airport)	360	10	12	01	2	5	Sc	14.0	24	65	17	0
62330	DAMIETTA	340	5		03	1	2	Ac	13.1	24	74	19	0
62333	PORT SAÏD	340	4	14	01	1	4	Sc	11.8	25		17	0
62336	EL 'ARÎSH	360	9	15	03	1	3	Cu	12.7	24	84	21	0
62339	DAMANHÛR	360	5	15	02	1	1	Cu	14.2	22	84	19	0
62342	MANSÛRA	360	5		00	0	0	—	13.8	23	74	18	0
62345	TANTA	310	2	35	02	0	0	—		23	65	16	0
62354	ZAGAZIG	320	5		00	0	0	—	13.9	24	74	19	0
62441	ISMAÏLÍA	20	2	7	02	0	0	—	12.6	25	70	19	0
	FAROUK (Airport)												
	ALMAZA	10	15	7	00	0	0	—	13.0	26	62	18	0
	EZBEKÎYA	360	4	15	00	0	0	—	13.2	25	65	18	0
	GÎZA	360	4	15	00	0	0	—	13.6	25	64	18	0
62378	HELWÂN	360	15	7	02	0	0	—	12.7	26	55	16	0
62381	FAYÛM	360	2	35	02	0	0	—	11.5	28	52	17	0
62387	MINYA	360	10	10	00	0	0	—	11.1	27	45	14	0
62393	ASYÛT MANQABAD												
62399	NAG' HAMMADI	290	3		00	0	3	As,Sc	5.9	30	40	15	0
62402	QENA	240	13	7	02	1	4	Ci	5.0	36	29	15	0
62405	LUXOR												
62414	ASWÂN	360	5	50	00	0	0	—	3.8	38	16	8	0
62417	SÎWA	320	5	35	00	0	0	—	15.6	29	59	20	0
62420	BAHARÎYA	360	2	15	02	0	0	—	13.4	28	40	13	0
62423	FARAFRA												
62432	DAKHLA	320	8	35	00	0	0	—	9.5	31	17	3	0
62435	KHARGA	360	13	7	00	0	0	—	9.0	32	34	14	0
62456	SUEZ	360	11		02	0	0	—	11.6	26	62	18	0
62459	TÛR	310	12	15	01	1	2	Ci	7.0	30	59	21	0
62462	HURGHÂDA	300	19		01	0	1	Ac	5.2				0
62465	QUSEIR	360	23	15	01	1	1	Ac	5.1	31	59	22	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 FASHER												
62770	GENEINA												
62840	MALAKÂL												
62880	WÂU												
62941	JUBA												

At 0600 on Friday 26th August

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1st.	RAINFALL mms. Normal From Oct. 1st.	STATION
62300	SALÛM	320	9	7	02	0	0	—	15.0		23	28		17		65	16	0			SALUM
62303	SÎDI BARÂNI	290	13	50	03	2	8	Cu,Cs	15.4		24	26		21		74	19	0	678		SÎDI BARÂNI
62306	MATRÛH	360	8	14	02	2	5	Cu	14.4		24	27		20		61	16	0			MATRÛH
62308	EL DABA	320	6	15	01	1	3		13.5		25			20		70	19	0			EL DABA
	ALEXANDRIA	360	12	50	03	2	4	Cu,Sc	13.1	+1.8	24	27	-3	22	-1	61	16	0	267	186	ALEXANDRIA
62318	FOUAD (Airport)	340	12	14	02	1	4	Sc	12.6		26	28		20		68	16	0	265	138	FOUAD (Airport)
62330	DAMIETTA	340	2	7	01	0	2	Fs,Fc	12.6	+2.4	25	27		20		70	19	0	319	106	DAMIETTA
62333	PORT SAÏD	340	4	14	01	1	4	Sc	11.8		25			24		61	17	0	72		PORT SAÏD
62336	EL 'ARÎSH	320	8	35	03	1	6	Cu	11.1	+0.9	26	28	-2	23	+2	70	20	0		94	EL 'ARÎSH
62339	DAMANHÛR	360	13	7	01	1	4	Cu	14.8	+4.0	24	29	-4	18	-2	74	19	0	102	101	DAMANHÛR
62342	MANSÛRA	360	9	35	00	1	0	—	12.7	+2.1	25	31	-3	18	-2	70	19	0	49	55	MANSÛRA
62345	TANTA	310	9	35	01	1	2	Cu	12.9	+1.8	24	30	-4	14	-5	74	19	0	34	44	TANTA
62354	ZAGAZIG	320	6	7	00	0	0	—	13.4	+2.1	24	32	-3	18	-1	74	19	0	21	27	ZAGAZIG
62441	ISMAÏLÍA	290	5		01	2	6	Sc	14.6		25	33		21		70	19	0	14		ISMAÏLÍA
62366	FAROUK (Airport)																				FAROUK (Airport)
62372	ALMAZA	360	8	12	01	0	3	Sc	12.8		23			20		74	18	0			ALMÂZA
	EZBEKÎYA	340	9	15	00	0	5	Cu	13.0	+2.1	24	31	-3	20	-1	79	20	0	8	26	EZBEKÎYA
	GÎZA	340	9	15	00	0	5	Cu	13.3	+2.4	24	31	-3	19	0	72	19	0	16	27	GÎZA
62378	HELWÂN	360	15	7	00	2	7	St	12.6	+1.9	23	31	-3	20	-1	65	16	0	16	29	HELWÂN
62381	FAYÛM	360	8	35	03	0	3	Cu,Sc	12.8	+2.0	24	32	-3	19	-2	69	18	0	8	8	FAYÛM
62387	MINYA	20	19	10	00	0	1	Sc	11.7		23	33		20		65	16	0	5		MINYA
62393	ASYÛT MANQABAD	340	8	12	00	0	0	—	11.4		23			19		69	17	0	dr.		ASYÛT MANQABAD
62399	NAG' HAMMADI	290	3		00	0	0	—	8.9	-0.7	26	37		22	-2	70	20	0	0		NAG' HAMMÂDI
62402	QENA	240	9	35	00	0	0	—	7.4		26	39	-1	24	0	62	18	0	dr.		QENA
62405	LUXOR																		dr.		LUXOR
62414	ASWÂN	360	10	50	00	0	0	—	5.8	-2.2	30	44	-3	28	+2	46	17	0	2		ASWÂN
62417	SÎWA	320	5	35	00	0	0	—	17.0	+4.2	21	33	-4	18	-2	74	16	0	1	8	SÎWA
62420	BAHARÎYA	360	7	35	02	0	0	—	14.2	+2.6	22	33	-3	20	0	74	17	0	dr.	7	BAHARÎYA
62423	FARAFRA																		dr.		FARAFRA
62432	DAKHLA	320	22	35	00	0	0	—	10.4	-0.1	26	36	-2	24	+2	30	7	0	dr.		DAKHLA
62435	KHARGA	360	22	7	00	0	0	—	9.6	+0.2	26	36	-3	21	-1	55	16	0	0		KHARGA
62456	SUEZ	360	11	35	00	0	0	Cu	12.0	+2.0	24	32	-4	22	-1	69	18	0	12	17	SUEZ
62459	TÛR	310	3	35	00	0	0	—	7.4	+0.1	28	34	0	25	+1	52	17	0	dr.	13	TÛR
62462	HURGHADA	320			03	0	3		6.4		25	32		24		74	20	0	7		HURGHADA
62465	QUSEIR	360	19	15	02	0	0	—	6.2	-1.1	29	32	-2	27	0	59	20	0	0	4	QUSEIR
62641	PORT SUDAN																	0	61	105	PORT SÛDÂN
62600	WÂDI HALFA	350	9	12	06	0	1	Ac	5.9		30	45		25		43	16	0	27		WÂDI HALFA
62640	ABU HAMAD	360	9	10	03	1	4	Cs	2.3		35	43		27		18	7	0			ABU HAMAD
62660	KAREIMA	360	1	4	05	0	0	—	4.0		29	41		25		46	16	0	91	23	KAREIMA
62680	'ATBARA	230	9	30	01	5	2	Ci	3.9		31	40		25		41	16	0	24	59	'ATBARA
62721	KHARTÛM	220	10	30	03	2	8	Cs	5.2		30	38		26		55	20	0	23	133	KHARTÛM
62730	KASSALA																	0	244	249	KASSALA
62751	WÂD MEDANI	200	5	50	00	0	0	—	6.6		26	29		20		84	23	0	192	314	WÂD MEDANI
62801	RENK	230	9	50	00	0	0	—			28	35		22		70	22	0		404	RENK
62802	ROSEIRES	230	2	35	02	0	0	—	8.6		24	30		21		94	23	0	507	610	ROSEIRES
62771	EL OBEID	240	11	30	01	2	6	Ac	6.9		27	35		27		49	17	0	194	270	EL OBEID
62760	EL FASHER	140	5	30	02	9	8	Ac			21	34		20		88	19	8	125	253	EL FÂSHER
62770	GENEINA	70	7	30	02	2	7	Ac			21	32		19		88	19	16		452	GENEINA
62840	MALAKÂL	230	2	30	02	0	2	Ac	9.2		26	33		22		84	23	0	822	661	MALAKÂL
62880	WÂU	180	1	30	02	2	8	Ac	9.3		24	34		23		84	21	0	873	904	WÂU
62941	JUBA	180	2	10	03	1	8	St,Ac	11.1		24	32		21		94	23	0	593	833	JUBA

HUMIDITY % Mean of day

STATION	on 25th	Diff. from normal
Alexandria	63	-8
Ezbekiya	61	-1
Giza	61	-3
Helwân	59	+7

GÎZA

GRASS MINIMUM TEMP. ON 26th 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					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 25th

STATION	Foad A.P.				Port 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.
300	340	20			320	17			350	25														
600	340	22			330	15			350	29														
1000	340	16			340	15			350	35														
1500	310	17							350	17														
2000	280	18																						
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	9		3 30		3		3						3 15		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	320	25	310	11	330	20	330	16					360	20	330	17					340	36		
600	320	20	320	14	330	19	330	19					360	40	340	18					310	19		
1000	320	20	330	14	340	19	320	12					340	28	350	24					320	32		
1500	310	25	340	16	280	6	330	18					340	21	340	18								
2000					270	16	340	8					300	16	290	12								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

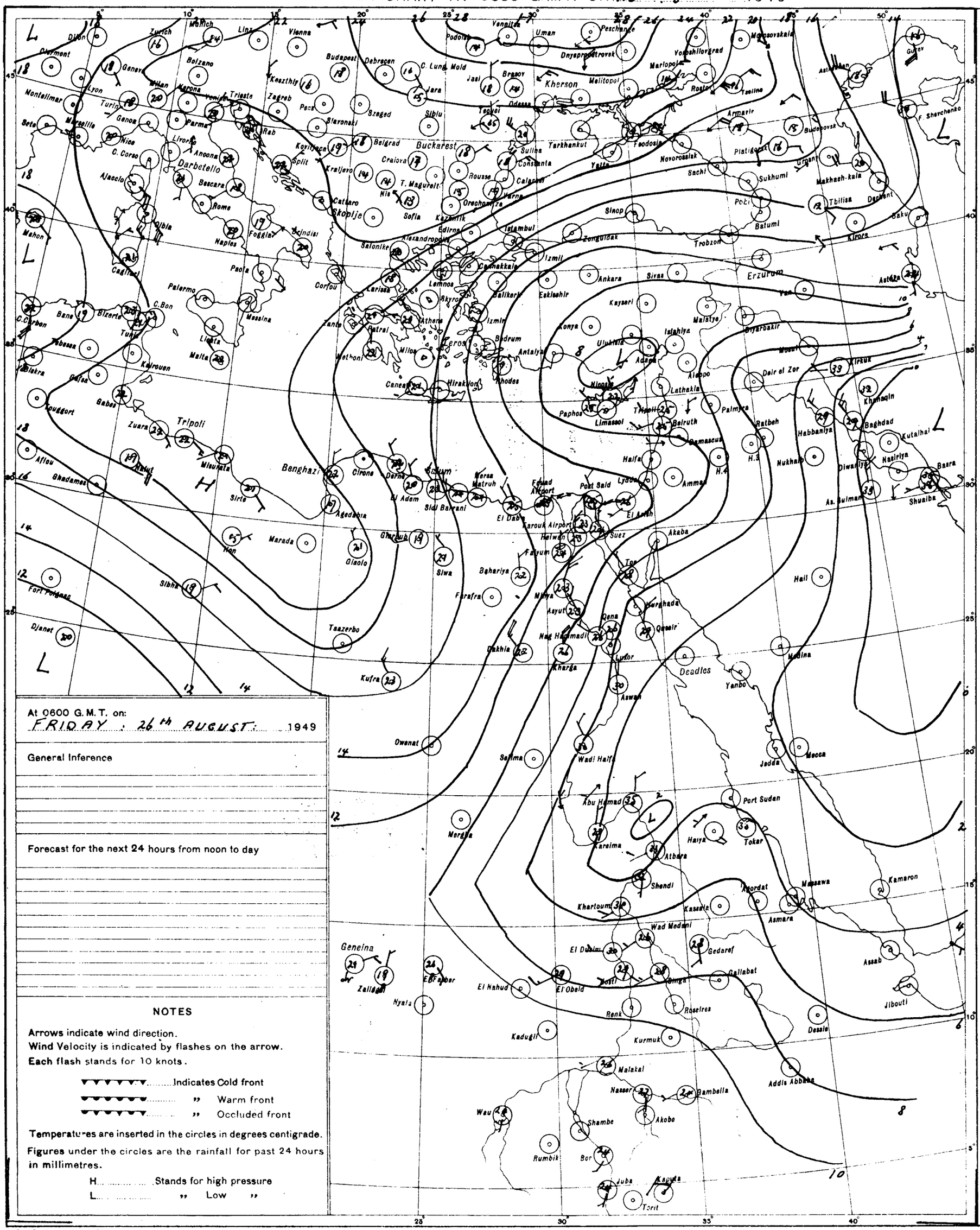
STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7		4				5						3 45				4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	330	16	340		350	18	350	26	360	18													360	8
600	330	16	340		350	20	350	27	10	30			360	16									250	7
1000	340	15	350		350				30	32			20	18					250	22			270	3
1500	340	23							40	20			30	7					230	1			20	6
2000	330	13											10	9										
3000	290	14											40	13					50	19			120	9
4000	280	16											70	21									310	17
5000	270	4																						
6000	250	12																						
7000																								
8000																								

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

Note: All times G. M. T.

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

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 26th : 8 1949



At 0600 G.M.T. on:
FRIDAY : 26th AUGUST: 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	
	93	
Thunderstorm with rain	95	
" " hail	96	
" " Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
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 03 29 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 : Saturday 27th August, , 1949

At 1200 on Fri 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	320	12	7	02	0	0	—	14.8	28	45	15
	62303	SÎDI BARÂNI	340	13	50	02	2	8	Cu,cs	14.6	25	74	20
	62306	MATRÛH	10	11	18	00	0	0	—	13.4	26	55	16
	62309	EL DABA	340	7	35	01	1	4		12.2	27	62	19
		ALEXANDRIA	310	15	50	03	2	6	Cu,Sc	11.8	26	62	18
	62318	FOUAD (Airport)	340	14	18	02	2	6	Cu	11.9	27	55	17
	62330	DAMIETTA	320	5	15	01	0	1	Ac	11.0	27	55	17
	62333	PORT SA'ID	350	13	30	01	0	1	Sc	10.7	27	66	20
	62336	EL 'ARISH	320	2	35	01	0	0	—	11.0	26	74	20
LOWER EGYPT	62339	DAMANHUR	310	19	15	01	1	2	Cu	11.8	26	58	19
	62342	MANSURA	320	9	35	00	1	0	—	10.8	30	40	15
	62348	TANTA	310	13	35	02	0	0	—	10.5	30	46	17
	62354	ZAGAZIG	40	5	15	00	0	0	—	11.1	31	49	19
	62441	ISMAILIA	290	5	35	02	0	0	—	12.8	31	78	17
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMAZA											
		EZBEKIYA	340	8	35	00	0	0	—	10.0	30	43	16
		GIZA	340	8	35	00	0	0	—	10.8	30	49	18
	62378	HELWAN	320	15	15	00	0	0	—	9.6	30	35	13
UPPER EGYPT	62381	FAIYUM	330	5	35	01	0	0	—	7.6	32	28	11
	62387	MINYA	20	17	12	00	0	0	—	9.1	32	34	14
	62393	ASYUT MANQABAD	310	12	30	00	0	0	—	8.3	33	36	16
	62399	NAG' HAMMADI	270	4	12	00	0	0	—	5.3	35	32	16
	62402	QENA	240	13	50	00	0	0	—	2.6	38	31	18
	62405	LUXOR											
	62414	ASWÂN	360	5	50	00	0	0	—	19	42	18	13
OASES	62417	SÎWA	320	6	35	00	0	0	—	15.0	33	59	24
	62420	BAHARÎYA	360	3	35	02	0	0	—	11.5	31	31	12
	62423	FARAFRA											
	62432	DAKHLA	320		50	00	0	0	—		33	23	9
	62435	KHARGA	360	11	15	00	0	0	—	8.0	34	32	15
RED SEA	62450	SUEZ	360	6	35	01	0	0	—	9.3	31	38	15
	62459	TÛR	310	14	35	00	0	0	—	7.6	28	70	23
	62462	HURGHÂDA	330	17		00	1	0	—	4.5	28	70	22
	62465	QUSEIR	360	13	15	02	0	0	—	5.5	31	59	22
	62641	PORT SÛDÂN	350	16	30	00	0	0	—	0.6	37	37	20
NORTH SÛDÂN	62600	WÂDI HALFA	20	15	30	02	0	2	Ci	1.7	42	11	5
	62640	ABU HAMAD											
	62660	KAREIMA	00	0	10	00	0	0	—	1.2	41	17	11
	62680	'ATBARA	250	2	30	02	2	8	Cs	999.7	43	13	9
	62721	KHARTÛM	270	6	10	06	0	1	Ci	0.3	40	26	17
	62730	KASSALA	230	2	30	00	0	0	—	1.1	37	40	21
CENTRAL SÛDÂN	62751	WÂD MEDANI	250	5	15	00	0	1	Cu	1.5	37	33	18
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	310	8	30	03	1	6	Cb,ac	2.0	37	33	13
	62760	EL FÂSHER	270	3	30	02	1	7	Ac				18
	62770	GENEINA	110	4	30	02	5	7	Cu, as				19
S. SÛDÂN	62840	MALAKÂL	270	9	30	03	1	6	Cu,ac	4.1	33	53	22
	62880	WÂU	260	12	30	03	2	7	Cu	6.2	31	59	22
	62941	JUBA											

At 1800 on Fri 26th

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.
62300	SALÛM	320	6	7	03	0	2	Ac	14.3	25	54	15	0
62303	SÎDI BARÂNI	320	9	35	02	2	8	Sc,Cu	14.7	23	74	18	0
62306	MATRÛH	10	10	18	01	0	0	—	13.2	23	61	15	0
62309	EL DABA	320	4	15	00	0	0	—	12.6	24	74	19	0
	ALEXANDRIA	360	8	7	02	2	4	Cu,Sc	12.4	22	69	16	0
62318	FOUAD (Airport)	340	12	18	01	2	4	Sc	12.3	23	65	16	0
62330	DAMIETTA	340	5		03	1	3	Ac	11.4	24	74	19	0
62333	PORT SA'ID	350	11	18	02	0	3	Sc	10.8	26			
62336	EL 'ARISH	340	2	15	03	1	2	Cu	10.8	24	84	21	0
62339	DAMANHUR	360	13	15	03	1	4	Cu	12.0	21	83	18	0
62342	MANSURA	360	9	35	00	0	0	—	12.3	24	69	18	0
62348	TANTA	360	2	35	02	0	0	—	12.7	23	74	18	0
62354	ZAGAZIG	320	5		00	0	0	—	11.9	24	74	19	0
62441	ISMAILIA	20	2	7	02	0	0	—	14.8	25	61	17	0
62366	FAROUK (Airport)												
62372	ALMAZA												
	EZBEKIYA	360	3	15	00	0	0	—	11.0	25	70	19	0
	GIZA	360	3	15	00	0	0	—	12.0	24	69	18	0
62378	HELWAN	340	8	7	06	0	0	—	11.2	26	55	16	0
62381	FAIYUM	360	2	35	02	0	0	—	10.0	27	52	16	0
62387	MINYA	10	8	10	00	0	0	—	10.0	26	48	14	0
62393	ASYUT MANQABAD												
62399	NAG' HAMMADI	290	3		00	0	1	Ae	5.8	29	46	16	0
62402	QENA	270	5	7	00	0	0	—	4.3	33	36	15	0
62405	LUXOR	150	7	12	00	0	0	—	4.4	35	22	10	0
62414	ASWÂN												
62417	SÎWA	320	10	35	00	0	0	—	14.4	27	52	16	0
62420	BAHARÎYA	360	2	15	02	0	0	—	11.8	27	37	11	0
62423	FARAFRA												
62432	DAKHLA	320	4	35	00	0	0	—	8.4	30	21	5	0
62435	KHARGA	360	4	15	00	0	0	—	7.9	31	28	10	0
62450	SUEZ	360	11	3	02	0	0	—	10.6	26	62	18	0
62459	TÛR	310	12	15	00	0	0	—					0
62462	HURGHÂDA	310	22		00	0	0	—	4.5				0
62465	QUSEIR	360	13	15	02	0	0	—	4.4	29	70	23	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 27th August,

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL mms. Total From Oct. 1st.	RAINFALL mms. Normal From Oct. 1st.
62300	SALÛM	320	14	7	03	0	1	Ac	13.4		24	28		18		61	16	0		
62303	SÎDI BARÂNI	320	12	50	02	2	8	Ac, cs	13.0		25	27		22		74	20	0	278	
62306	MATRÛH	20	6	13	03	1	5	Sc	11.9		24	28		18		61	16	0		
62309	EL DABA	320	6	35	01	1	3		11.1		25			20		61	17	0		
	ALEXANDRIA	360	10	50	03	2	5	Sc	11.4	0.0	24	27	-3	22	-1	61	16	0	267	186
62318	FOUAD (Airport)	340	10	18	03	1	6	Sc	11.0		24	28		21		61	16	0	265	138
62330	DAMIETTA	220			03	1	4	Cu	11.1	+0.8	25	27		18		70	19	0	319	106
62333	PORT SA'ID	270	6	14	01	0	2	Sc	10.7		24	27		22		74	19	0	72	
62336	EL 'ARISH	220	2	35	02	1	3	Cu	10.7	+0.4	25	28	-2	20	0	84	22	0		94
62339	DAMANHUR	310	9	7	02	1	4	Cu	11.8	+0.9	24	28	-5	17	-3	74	19	0	102	101
62342	MANSURA	340	9	35	00	1	0	—	11.0	+0.3	24	31	-3	18	-2	69	18	0	49	55
62348	TANTA	270	2	35	02	0	0	—	11.0	+0.2	24	30	-4	13	-6	69	18	0	34	44
62354	ZAGAZIG	320	5	7	02	1	3	Ac	11.1	-0.3	24	33	-2	18	-1	74	19	0	21	27
62441	ISMAILIA	340	2	3	00	2	5	Sc	10.7		25	32		21		54	15	0	14	
62366	FAROUK (Airport)																			
62372	ALMAZA	360	8	12	00	1	3	Sc	12.8	+1.8	23			20		74	18	0		
	EZBEKIYA	360	6	15	00	0	3	Cu	11.6	+0.6	24	31	-3	20	-1	61	16	0	8	26
	GIZA	360	6	15	00	0	3	Cu	12.0	+1.0	23	31	-3	19	0	67	17	0	16	27
62378	HELWAN	340	8	15	01	2	6	Cu	11.6	+0.8	22	30	-4	20	-1	65	15	0	16	29
62381	FAIYUM	360	3	35	03	0	3	Cu,Sc	11.8	+0.9	23	32	-3	18	-3	65	16	0	8	8
62387	MINYA	20	13	10	00	0	2	Cu	11.7		22	32		17		74	17	0	5	
62393	ASYUT MANQABAD	330	10	12	00	0	0	—	10.7		22			19		69	16	0	dr.	
62399	NAG' HAMMADI	270	3		00	0	0	—	7.6	-1.2	25	36		21		70	19	0	0	
62402	QENA	240	9	35	00	0	0	—	7.2	-1.1	25	41	+1	22	-2	70	19	0	dr.	
62405	LUXOR											43							dr.	
62414	ASWÂN	360	5	7	01	1	6	Ci	5.6	-2.4	30			27	+1	46	17	0	2	
62417	SÎWA	320	7	35	00	0	0	—	15.5	+2.6	20	34	-3	17	-3	56	11	0	1	8
62420	BAHARÎYA	360	3	35	02	1	4	Ac	13.0	+1.3	21	32	-4	16	-4	83	18	0	dr.	7
62423	FARAFRA	360	3	15	02	0	0	—	13.3		22			17		74	17	0	dr.	
62432	DAKHLA	320	11	35	00	0	0	—	9.8	-0.8	25	36	-2	22	0	34	8	0	dr.	
62435	KHARGA	40	9	15	00	0	0	—	9.1	-0.4	24	35	-4	22	0	61	16	0	0	
62450	SUEZ	00	0	35	00	0	6	Cu	11.2	+1.1	23	33	-2	20	-3	65	16	0	12	17
62459	TÛR	310	5	35	00	0	0	—	5.9	-1.5	25			24	0	61	17	0	dr.	13
62462	HURGHADA	310			00	0	0	—	5.6		24	30		23		79	20	0	7	
62465	QUSEIR	360	19	15	02	0	0	—	5.8	-1.6	27	32	-2	26	-1	70	21	0	0	4
62641	PORT SÛDÂN	360	5	15	01	1	6	Ac	4.4		30	40		26		52	19	0	61	105
62600	WÂDI HALFA	350	15	10	05	1	6	Ac	5.4		29	44		26		29	9	0	27	
62640	ABU HAMAD	20	5	30	02	2	7	Ac			36	45		31		19	9	0		
62660	KAREIMA	360	3	4	05	0	4	Ac	2.3		31	42		28		27	11	0	91	23
62680	'ATBARA																		29	60
62721	KHARTÛM	150	17	30	02	2	6	Ac	6.7		29	42		27		55	19	dr.	23	136
62730	KASSALA	180	5	30	00	0	0	—	6.8		28	38		24		70	22	0	244	252
62751	WÂD MEDANI																	0	192	317
62801	RENK	230	9	15	02	2	8	Fs,Fc			22	35		22		95	22	15		408
62802	ROSEIRES																	23	530	617
62771	EL OBEID	240	9	10	02	2	8	Ac, cs	7.1		27	38		23		52	16	0	194	274
62760	EL FÂSHER	230	13	7	05	1	8	Cs			32	38		30		41	17	0	125	258
62770	GENEINA																	Rain		460
62840	MALAKÂL																	2	424	667
62880	WÂU																	102	975	920
62941	JUBA																	7	600	837

HUMIDITY % Mean of day

STATION	on 26th	Diff. from normal
Alexandria	65	- 6
Ezbekiya	66	+4
Giza	65	+1
Helwân	61	+9

GIZA

GRASS MINIMUM TEMP. ON 27th 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 — 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	Matruh		Foad A.P.		Port Said		Minya		Hurghada											
TIME	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.
300	320	12			340	14			330	12			360	28			320			
600	320	15			350	13			330	16			360	30			340	30		
1000	320	18			340	13							360	33			350	24		
1500	320	19			340	29							360				340	13		
2000	310	14															330	26		
3000	270	20																		
4000																				
5000																				
6000																				
7000																				
8000																				

UPPER WIND OBSERVATIONS on 27th

STATION	SÎDI BARÂNI		MATRÛH		ROUAD AIRPORT		PORT SAÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYUT MANQABAD		LUXOR		ASWÂN		HURGHADA		
TIME	9		3		9		3				9	30	3		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	320	12	330	16	320	13	300	6			350	8	360	23	320	21			10	18	310			
600	330	13	340	10	290	8	320	5			10	19	360	33	320	20			360	23	310	19		
1000	340	11	350	8	330	9	320	3			10	18	330	20	340	20			20	42	310	30		
1500	320	11			320	11	20	3			20	11	350	12	350	13					300	28		
2000	320	22			280	11	60	3			320	6			280	13								
3000					240	17																		
4000																								
5000																								
6000																								
7000																								
8000																								

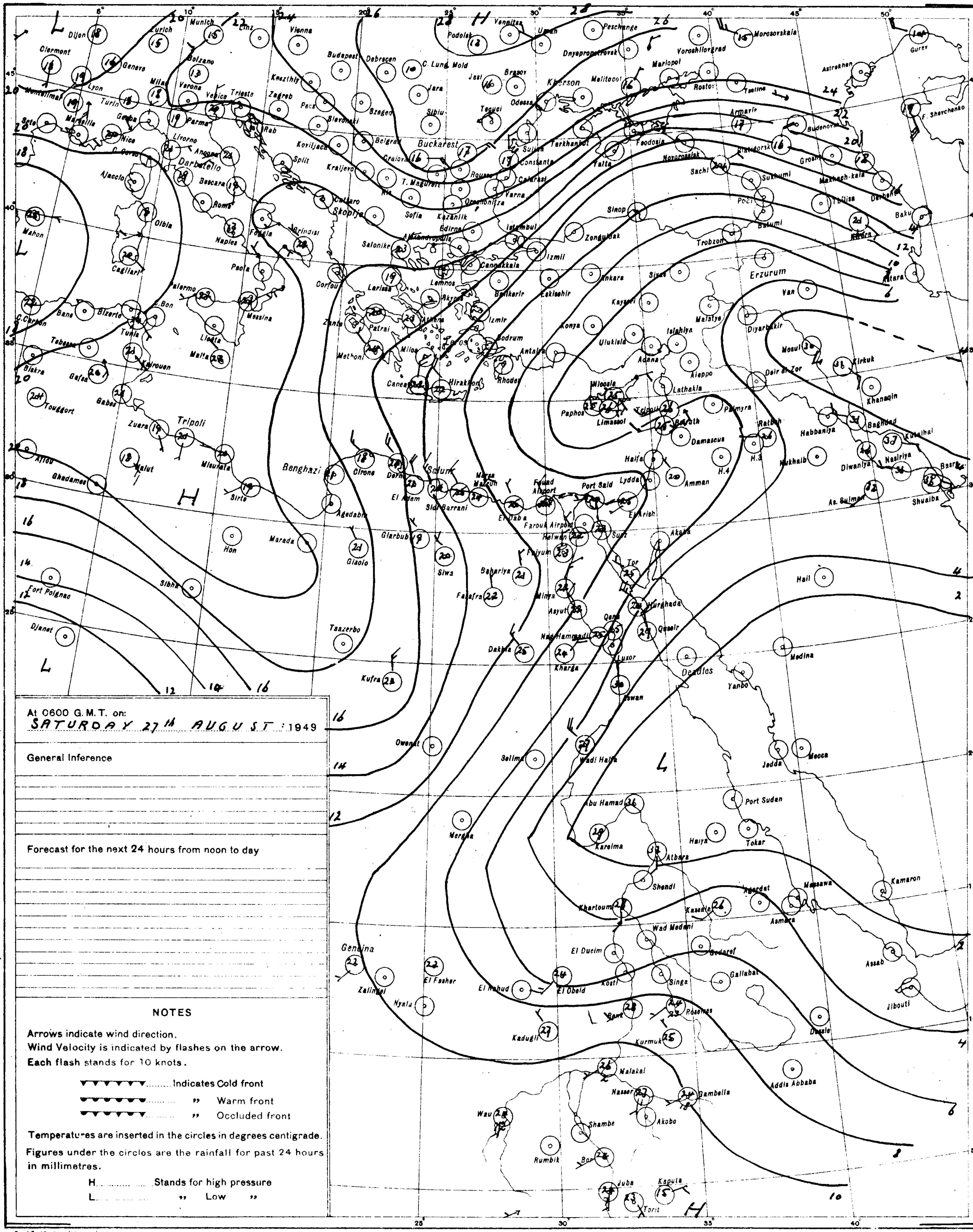
STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7		4						4		3 30				4 40			
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	340	26	10	32	350	16	10	20	360	17														
600	340	28	300	3	350	19	350	28	20	23					180	20	200	9						
1000	330	33			350	17	350	27	40	27					210	28	190	10			330	7		
1500	320	30							50	27					210	18	220	10			20	22		
2000	310	15							60	15					180	6	300	13						
3000	330	26							80	15					50	11	340	12			110			
4000															300	10								
5000																								
6000																								
7000																								
8000																								

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

Note: All times 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 8 1949



At 0600 G.M.T. on: SATURDAY 27th AUGUST 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 ,,

S of E 1948(48/195)(46/450)

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

CAIRO
Time of Sunrise 03 29 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 28th August , 1949

At 1200 on Satur. 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	13	7	02	0	0	—	13.1	27	52	16
	62303	SÎDI BARÂNI	320	12	50	02	2	8	Cu,Cs	12.7	26	74	21
	62306	MATRÛH	350	12				3	Cu	11.8	29	46	16
	62309	EL DABA	320	7	35	00	0	0	—	10.8	26	62	18
		ALEXANDRIA	360	13	50	01	2	6	Cu,Sc	10.3	27	52	16
	62318	FOUAD (Airport)	330	16	18	02	1	4	Cu	10.6	27	62	16
	62330	DAMIETTA	320	2	15	00	0	0	—	10.3	26	55	16
	62333	PORT SAÏD	360	11	30	02	0	0	—	9.8	26	66	19
	62386	EL 'ARISH	320	2	35	01	0	0	—	8.9	28	70	22
LOWER EGYPT	62339	DAMANHUR	270	13	15	02	1	4	Cu	10.7	28	58	19
	62342	MANSURA	360	9	35	02	1	3	Cu	9.9	30	40	15
	62348	TANTA	310	5	35	01	1	7	Cu	10.1	29	52	18
	62354	ZAGAZIG	320	5	15	00	1	0	—	10.4	30	46	17
	62441	ISMA'ILIA	320	2	7	02	0	0	—	9.1	31	38	15
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMÂZA											
		EZBEKÎYA	360	9	35	00	0	0	—	9.5	29	46	16
		GÎZA	360	9	35	00	0	0	—	10.2	29	49	17
	62378	HELWÂN	340	11	15	02	0	0	—	9.5	29	35	12
UPPER EGYPT	62381	FAIYÛM	360	8	35	01	0	0	—	9.3	30	35	13
	62387	MINYA	10	12	12	00	0	0	—	9.1	31	31	12
	62393	ASYÛT MANQABÂD	300	15	30	00	0	0	—	8.0	31	28	10
	62399	NAG' HAMMÂDI	290	3	7	00	0	0	—	5.1	33	38	17
	62402	QENA	240	9	50	00	0	0	—	4.0	39	21	13
	62405	LUXOR											
	62414	ASWÂN	360	11	50	00	0	0	—	2.4	40	23	15
OASES	62417	SÎWA	320	7	35	00	0	0	—	15.0	31	49	19
	62420	BAHARÎYA	320	3	35	02	1	0	—	10.7	30	40	15
	62423	FARAFRA	340	2	35	02	0	0	—	11.2	30	40	15
	62432	DAKHLA	340	16	50	00	0	0	—	8.7	32	20	6
	62435	KHARGA	360	9	15	07	0	0	—	7.5	33	24	10
RED SEA	62450	SUEZ	360	3	35	01	0	0	—	8.3	30	40	15
	62459	TÛR	310	15	35	00	0	0	—	4.4	29	66	22
	62462	HURGHÂDA	340	18		00	0	0	—	4.0	28	66	21
	62465	QUSEIR	360	9	15	02	0	0	—	5.0	30	59	21
	62641	PORT SÛDÂN	340	16	10	03	0	1	Cu	1.0	38		
NORTH SÛDÂN	62600	WÂDI HALFA	20	5	7	06	1	6	Ac	2.9	39	16	9
	62640	ABU HAMAD	90	1	30	03	1	6	Cu, Ac	998.5	44	13	10
	62660	KAREIMA	00	0	10	00	1	0	—	1.0	39	23	14
	62680	'ATBARA	230	9	10	03	2	8	Cu, Cs	0.1	42	19	14
	62721	KHARTÛM	190	28	1	07	3	8	Cs	3.3	34	41	19
	62780	KASSALA	230	5	30	03	0	5	Cu	3.4	35	44	21
CENTRAL SÛDÂN	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	200	12	10	02	2	8	Cu,Cs	6.0	31	38	15
	62760	EL FÂSHER	170	5	7	05	0	3	Ci		34	29	13
	62770	GENEINA	180	2	10	05	1	3	Ac		31	79	27
S. SÛDÂN	62840	MALAKÂL											
	62880	WÂU											
	62941	JUBA											

At 1800 on Satur. 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.	RAIN PAST 12 hrs mms.
MEDITERRANEAN	62300	SALÛM	320	4	7	02	0	0	—	12.8	26	55	16	0
	62303	SÎDI BARÂNI	340	11	35	01	1	1	Cu	12.7	23	84	20	0
	62306	MATRÛH	350	15	12	01	0	0	—	11.6	26	55	16	0
	62309	EL DABA	320	5	15	00	0	0	—	10.0	24	69	18	0
		ALEXANDRIA	360	11	50	02	2	4	Cu,Sc	11.5	24	61	16	0
	62318	FOUAD (Airport)	340	13	14	01	0	3	Sc	10.8	24	61	16	0
	62330	DAMIETTA	320	5		03	1	3	Fs,Fc	10.3	24	74	19	0
	62333	PORT SAÏD	350	9	18	01	1	3	Sc	9.7	25	65	18	0
	62386	EL 'ARISH	340	2	15	02	0	0	—	10.2	24	84	21	0
LOWER EGYPT	62339	DAMANHUR	270	5	15	02	0	0	—	11.2	22	83	19	0
	62342	MANSURA	360	5		00	1	0	—	10.6	24	69	18	0
	62348	TANTA	360	2	35	02	0	0	—	11.1	22	65	15	0
	62354	ZAGAZIG	320	5		00	0	0	—	10.6	24	69	18	0
	62441	ISMA'ILIA	360	2	7	02	0	0	—	9.6	25	61	17	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMÂZA												
		EZBEKÎYA	340	10	14	00	0	0	—	10.0	25	58	16	0
		GÎZA	340	3	15	00	0	0	—	10.2	25	61	17	0
	62378	HELWÂN	340	15	15	02	0	0	—	9.9	25	61	17	0
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0	—	8.8	27	48	15	0
	62387	MINYA	00	0	10	00	0	0	—	8.7	24	57	15	0
	62393	ASYÛT MANQABÂD												
	62399	NAG' HAMMÂDI	270	1		00	0	0	—	5.5	28	45	15	0
	62402	QENA	270	5	7	00	0	0	—	5.1	30	40	15	0
	62405	LUXOR												
	62414	ASWÂN	360	9	50	00	0	0	—	3.9	38	16	8	0
OASES	62417	SÎWA	320	15	35	00	0	0	—	12.4	29	59	20	0
	62420	BAHARÎYA	360	4	15	02	0	0	—	10.4	26	48	14	0
	62423	FARAFRA	360	2	15	02	1	0	—	12.2	26	30	7	0
	62432	DAKHLA	340	6	35	00	0	0	—	9.0	27	27	6	0
	62435	KHARGA	360	1	15	00	0	0	—	7.8	29	29	9	0
RED SEA	62450	SUEZ	360	8	7	02	0	0	—	7.6	27	55	17	0
	62459	TÛR	310	5	15	00	0	0	—	4.6	28	58	19	0
	62462	HURGHÂDA	300	14		00	0	0	—	3.7	28	62	20	0
	62465	QUSEIR	360	13	15	02	0	0	—	4.7	29	62	18	0
	62641	PORT SÛDÂN												
NORTH SÛDÂN	62600	WÂDI HALFA												
	62640	ABU HAMAD												
	62660	KAREIMA												
	62680	'ATBARA												
	62721	KHARTÛM												
	62780	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 Sunday 28th August.

AREA	INDEX NUMBER	STATION	WIND 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	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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.
MEDITERRANEAN	62300	SALÛM	320	10	7	02	0	0	—	12.8		23	28		18		74	18	0		
	62303	SÎDI BARÂNI	320	9	50	03	2	8	Ac, Cs	13.4		24	27		22		84	21	0	278	
	62306	MATRÛH	350	6	14	02	2	5	Sc	12.1		24	28		22		69	18	0		
	62309	EL DABA	320	7	15	01	1	4	Ac	11.0		25			21		70	19	0		
		ALEXANDRIA	330	10	50	01	2	4	Cu,Sc	11.1	-0.4	25	28	-2	22	-1	74	20	0	267	186
	62318	FOUAD (Airport)	300	11	18	02	1	4	Sc	10.5		26	29		22		58	17	0	265	135
	62330	DAMIETTA	200	2		11	1	4	Ac	11.1	+0.7	23	27		16		64	20	0	319	106
	62333	PORT SAÏD	280	7	12	02	0	1	Sc	10.7		26	28		22		62	18	0	72	
	62386	EL 'ARISH	00	0	35	03	1	2	Cu	10.8	+0.4	26	29	-1	19	-1	62	18	0		74
LOWER EGYPT	62339	DAMANHUR	360	5	7	02	1	1	Cu	11.5	+0.5	24	29	-3	18	-2	74	19	0	102	101
	62342	MANSURA	270	5	35	00	0	0	—	11.0	+0.2	25	31	-3	18	-2	70	19	0	49	55
	62348	TANTA	00	0	35	02	0	0	—	11.8	+0.5	24	30	-4	14	-5	74	19	0	34	44
	62354	ZAGAZIG	220	5	7	00	0	0	—	10.8	-0.8	25	32	-3	18	-1	70	19	0	21	27
	62441	ISMA'ILIA	290	2	7	02	0	0	—	10.7		25	32		20		61	17	0	14	
CAIRO AREA	62366	FAROUK (Airport)											30								
	62372	ALMÂZA																			
		EZBEKÎYA	360	3	15	00	0	1	Cu	11.2	0.0	23	30	-4	20	-1	69	17	0	8	26
		GÎZA	360	3	15	00	0	1	Cu	11.6	+0.4	23	30	-4	16	-3	73	18	0	16	27
	62378	HELWÂN	340	5	15	03	0	1	Cu	11.2	+0.3	22	30	-4	19	-2	74	17	0	16	29
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0	—	11.4	+0.4	23	32	-3	18	-3	74	18	0	8	8
	62387	MINYA	40	11	10	00	0	0	—	10.7		23	32		17		65	16	0	5	
	62393	ASYÛT MANQABÂD	330	8	12	00	0	0	—	10.7		23			18		65	16	0	dr.	
	62399	NAG' HAMMÂDI	00	0		00	0	0	—	7.9	-1.0	25	34		20		61	17	0	0	
	62402	QENA	240	5	35	00	0	0	—	7.4	-1.0	26	41	+1	23	-1	55	16	0	dr.	
	62405	LUXOR																		dr.	
	62414	ASWÂN	340	9	50	01	1	5	Ac	6.8	-1.3	28	42	+1	25	-1	45	15	0	2	
OASES	62417	SÎWA	320	5	35	00	0	0	—	14.0	+1.0	22	33	-4	18	-1	78	19	0	1	8
	62420	BAHARÎYA	360	5	35	02	0	0	—	12.4	+0.6	23	32	-4	18	-2	74	18	0	dr.	7
	62423	FARAFRA	360	3	15	02	0	0	—	12.0		23	32		16		61	15	0	dr.	
	62432	DAKHLA	320	6	35	00	0	0	—	10.0	-0.7	25	36	-2	19	-3	34	8	0	dr.	
	62435	KHARGA	20	4	35	00	0	0	—	9.5	-0.1	26	34	-5	22	0	55	16	0	0	
RED SEA	62450	SUEZ	00	0	35	00	0	0	—	11.6	+1.4	23	33	-2	20	-3	74	18	0	12	17
	62459	TÛR	270	5	35	00	0	0	—	5.9	-1.6	26	30	-4	24	0	62	18	0	dr.	13
	62462	HURGHÂDA	300	22		00	0	0	—	5.3		25	28		24		74	20	0	7	
	62465	QUSEIR	360	13	15	00	1	2	Ac	6.8	-0.7	28	31	-3	26	-1	58	19	0	0	4
	62641	PORT SÛDÂN	130	5	7	05	1	5	Ac	6.5		35	43		31		35	17	3	61	105
NORTH SÛDÂN	62600	WÂDI HALFA																		27	
	62640	ABU HAMAD	180	9	10	02	2	7	Ac, Cs	7.0		31	46		29		49	19	0		
	62660	KAREIMA	160	23	0.3	34	3	9		7.0		28	42		28		58	19	dr.	91	24
	62680	'ATBARA	130	9	30	01	8	8	Ac, Cs	9.1		28	42		22		55	18	dr.	29	61
	62721	KHARTÛM	150	12	30	02	2	8	St, Ac	11.7		25	35		24		61	17	0	23	138
	62780	KASSALA																	32	276	256
CENTRAL SÛDÂN	62751	WÂD MEDANI	180	13	50	02	1	7	Cs	13.5		24	34		21		74	19	0	192	320
	62801	RENK																			413
	62802	ROSEIRES	90	2	35	00	0	0	—	13.6		23	35		20		84	20	5	535	624
	62771	EL OBEID	210	14	30	02	9	8	Ac	10.9		24	33		23		74	19	0	194	278
	62760	EL FÂSHER																	0	125	262
	62770	GENEINA																			468
S. SÛDÂN	62840	MALAKÂL	160	2	30	01	2	7	Sc, Ac	13.5		23	27		20		94	22	4	828	673
	62880	WÂU	120	1	30	02	2	7	Sc, Cs	11.9		23	27		20		89	21	dr.	475	916
	62941	JUBA	08	0	30	03	2	4	Ac	14.4		22	30		19		94	21	7	607	841

HUMIDITY % Mean of day

STATION	on 27th	Diff. from normal
Alexandria	57	-14
Ezbekiya	58	-4
Giza	61	-3
Helwân	57	+5

GÎZA GRASS MINIMUM TEMP. ON 28th 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						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.	HUM %	WIND DIR.	WIND VEL.
1000						1000						1000					
950						950						950					
900						900						900					
850						850						850					
800						800						800					
700						700						700					
600						600						600					
500						500						500					
400						400						400					
300						300						300					

UPPER WIND OBSERVATIONS on 27th

STATION	Matruh				Fouad A.P.				Port Said				Minya				Hurghada							
TIME	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.
300	150	12			340	16			320	12			360	21			330							
600	130	17			340	18			300	15			350	22			330							
1000	150	16			340	14			280	8			340	28			330							
1500	150	14			320	6			270	9			350	18			280	17						
2000	110	17			290	17			260	12			320	15			300	10						
3000					270	13			240	11							180	14						
4000					270	18											220	21						
5000					280	12																		
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 28th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA			
TIME	9		4		3		3				9 45		3 30		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	340	18	340	16	320	9	270	8			330	7	10	22	330	19			360	13	340			
600	350	18	340	10	300	13	310	5			340	5	360	23	340	21			10	17	320			
1000	360	13	350	13	330	16	350	3			360	4	10	26	340	22			40	13	310			
1500	20	14					220	9					10	23	330	10			290	5	200			
2000	30	15					220	9											310	7				
3000	340	7					220	9																
4000	320	9																						
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7								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	5	350	17	340	22	10	16																
600	30	7	340	15	340	26	360	21							120	15	90	15					160	9
1000	20	14	350	14	340	23	360	25							150	13	210	21			130	3	180	7
1500	30	17	350	21	330	19	320	6							210	7	250	11			310	14	220	15
2000	40	16	320	27			240	15																
3000	40														130	1	130	5			70	24	170	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 28 14 8 1949

At 0600 G.M.T. on
SUNDAY 28 TH AUGUST 1948

General Intimate

Forecast for the next 24 hours from noon to day

NOTES

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

Indicates Cold front
" Warm front
" Occluded front

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

H. Stands for high pressure
L. " Low "

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	Sand raised by wind	07
	Dust storm	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	11
Lightning, no thunder heard		13
Precipitation within sight		14
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	[illegible]	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
[illegible]		87
[illegible]		91
[illegible]		93
[illegible]		95
[illegible]		96

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some cloud	1
Mainly cloudy	2
Sandstorm or Duststorm	3
Fog or [illegible]	4
Drizzle	5
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	10

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky covered [illegible]	1
2/8 [illegible]	2
3/8 [illegible]	3
4/8 [illegible]	4
5/8 [illegible]	5
6/8 [illegible]	6
[illegible]	7
[illegible]	8

S of E 1948(48/195)(46/450)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 30 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 : Monday 29th August, , 1949

At 1200 on Sun. 28th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALÛM	360	12	7	02	0	0	—	13.3	26	62	18
	62303	SÎDI BARÂNI	340	12	50	02	2	8	Cs	14.0	25	64	22
	62306	MATRÛH	20	11	18	03	2	6	Cu	12.5	26	58	17
	62309	EL DABÀ	320	6	15	01	1	4		12.3	26	70	20
		ALEXANDRIA	360	16	50	02	2	6	Cu,Sc	10.6	27	70	21
	62318	FOUAD (Airport)	340	12	18	02	1	4	Sc	10.4	28	55	18
	62330	DAMIETTA	340	6	15	01	0	1	Ac	10.7	27	55	17
	62333	PORT SA'ÎD											
	62336	EL 'ARISH	320	5	35	01	0	0	—	9.0	26	70	20
LOWER EGYPT	62339	DAMANHUR	270	9	15	02	1	3	Cu	10.7	30	59	21
	62342	MANSURA	360	9	35	03	1	6	Cu	10.2	30	46	17
	62348	TANTA	310	2	35	01	1	3	Cu	11.0	29	52	18
	62354	ZAGAZIG	40	5	15	00	0	0	—	10.3	30	52	19
	62441	ISMAÎLÌA	290	2	35	02	0	0	—	7.6	32	38	16
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMÂZA											
		EZBEKÎYA	320	6	35	00	0	0	—	10.0	29	46	16
		GÎZA	320	6	35	00	0	0	—	10.6	29	46	16
	62378	HELWÂN	290	11	35	01	0	0	—	9.8	29	40	14
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0	—	9.6	30	35	13
	62387	MINYA	360	14	12	00	0	0	—	9.9	31	29	11
	62393	ASYÛT MANQABÂD	320	14	30	00	0	0	—	8.6	31	28	10
	62399	NAG' HAMMÂDI	290	3	7	00	0	0	—	6.7	35	32	16
	62402	QENA	270	5	50	00	0	0	—	5.8	39	30	18
	62405	LUXOR											
	62414	ASWÂN	20	5	50	00	0	0	—	4.7	40	20	13
OASES	62417	SÎWA	00	0	35	00	0	0	—	13.5	32	59	23
	62420	BAHARÎYA	360	4	35	02	0	0	—	10.4	31	38	15
	62423	FARAFRA	360	3	35	02	0	0	—	10.7	31	31	12
	62432	DAKHLA	320	5	50	00	0	0	—	9.3	33	21	8
	62435	KHARGA	360	5	15	00	0	0	—	8.0	34	27	12
RED SEA	62450	SUEZ	360	8	35	02	0	0	—	8.8	30	35	13
	62459	TÛR	310	16	35	00	0	0	—	5.5	29	59	20
	62462	HURGHÂDA	340	14		00	0	0	—	5.0	28	70	22
	62465	QUSEIR	40	9	15	01	0	1	Ci		29	70	23
	62641	PORT SÛDÂN	70	15	7	07	0	1	Ac,Cs	3.4			17
NORTH SÛDÂN	62600	WÂDI HALFA	350	1	30	02	2	7	Ac,Cs	6.5	39	11	3
	62640	ABU HAMAD	00	0	7	05	0	0	—	4.1	39	26	16
	62660	KAREIMA	200	10	2	07	0	0	—	4.0	38	31	18
	62680	'ATBARA	230	9	30	01	1	2	Ci	5.0	39	38	22
	62721	KHARTÛM	210	14	30	02	1	4	Cu,Ci	6.1	35	33	17
	62780	KASSALA	200	2	30	01	1	4	Ac	7.0	33	41	18
CENTRAL SÛDÂN	62751	WÂD MEDANI	210	13	35	02	1	4	Cu	7.0	33	41	18
	62801	RENK	230	9	50	01	1	4	Ci	9.6	30	59	21
	62802	ROSEIRES	90	2	35	00	0	0	—	9.6	29	59	20
	62771	EL OBEID	180	7	30	02	2	8	Cu,Cs	7.5	32	38	16
	62760	EL FÂSHER	90	9	10	00	0	1	Cu		33	34	15
	62770	GENEINA	360	8	10	00	0	0	—	9.2	31	36	14
S. SÛDÂN	62840	MALAKÂL	180	4	30	01	1	5	Cu,Sc	10.0	31	55	21
	62880	WÂU	00	0	30	03	2	7	Cb	8.4	29	62	21
	62941	JUBA	360	2	30	15	2	6	Cu,Ac	9.0	29	62	21

At 1800 on Sun. 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.	RAIN PAST 12 hrs mms.
MEDITERRANEAN	62300	SALÛM	360	5	7	01	0	2	Ac	13.9	25	61	17	0
	62303	SÎDI BARÂNI	20	4	35	02	2	8	Cu,Cs	13.9	23	84	20	0
	62306	MATRÛH	20	13	13	01	1	5	Sc	13.4	24	69	18	0
	62309	EL DABÀ	320	5	15	01	1	2		11.0	23	89	21	0
		ALEXANDRIA	360	14	7	01	2	5	St.	11.5	24	69	18	0
	62318	FOUAD (Airport)	360	8	14	01	1	3	Sc	11.2	23	74	18	0
	62330	DAMIETTA	340	5		00	0	0	—	10.8	24	69	18	0
	62333	PORT SA'ÎD	20	5	18	02	0	0	—	10.6	25	65	18	0
	62336	EL 'ARISH	00	0	15	03	0	1	Cu	10.4	24	84	21	0
LOWER EGYPT	62339	DAMANHUR	270	5	15	02	0	0	—	11.2	23	74	18	0
	62342	MANSURA	40	5		00	1	0	—	11.0	24	69	18	0
	62348	TANTA	310	2	35	01	1	3	Cu	11.2	23	65	16	0
	62354	ZAGAZIG	320	5		00	0	0	—	11.1	24	74	19	0
	62441	ISMAÎLÌA	20	5	7	02	0	0	—	10.4	25	61	17	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMÂZA	360	7	18	00	0	0	—	10.3	27	52	16	0
		EZBEKÎYA	00	0	15	00	0	0	—	10.3	26	58	17	0
		GÎZA	00	0	15	00	0	0	—	11.0	26	59	17	0
	62378	HELWÂN	360	5	7	02	0	0	—	10.6	27	42	13	0
UPPER EGYPT	62381	FAIYÛM	360	2	35	02	0	0	—	9.4	28	52	17	0
	62387	MINYA	00	0	10	00	0	0	—	10.1	25	54	15	0
	62393	ASYÛT MANQABÂD												
	62399	NAG' HAMMÂDI	00	0		00	0	0	—	7.2	28	52	17	0
	62402	QENA	270	5	7	00	0	0	—	6.4	30	46	17	0
	62405	LUXOR												
	62414	ASWÂN	360	5	50	00	0	0	—	6.0	36	20	10	0
OASES	62417	SÎWA	320	4	35	00	0	0	—	13.0	29	59	20	0
	62420	BAHARÎYA	360	2	15	02	0	0	—	10.8	27	52	16	0
	62423	FARAFRA	340	2	15	02	0	0	—	11.9	26	30	7	0
	62432	DAKHLA	320	6	35	00	0	0	—		29	23	6	0
	62435	KHARGA	360	2	15	00	0	0	—	9.0	29	35	12	0
RED SEA	62450	SUEZ	360	7	3	02	0	0	—	10.3	26	62	18	0
	62459	TÛR	310	8	15	00	0	0	—	5.0				0
	62462	HURGHÂDA	300	9		00	0	0	—	5.5	28	74	23	0
	62465	QUSEIR	330	9	15	02	0	0	—	5.1	29	59	20	0
	62641	PORT SÛDÂN												
NORTH SÛDÂN	62600	WÂDI HALFA												
	62640	ABU HAMAD												
	62660	KAREIMA												
	62680	'ATBARA												
	62721	KHARTÛM												
	62780	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 Monday 29th August,

AREA	INDEX NUMBER	STATION	WIND 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.	STATION
MEDITERRANEAN	62300	SALÛM	360	5	7	01	0	2	Ac	14.6		24	27		17		69	18	0			
	62303	SÎDI BARÂNI	340	8	50	02	2	8	Cu,Cs	15.1		24	26		22		79	20	0	278		
	62306	MATRÛH	10	7	13	02	2	6	Cu	14.0		24	23		22		69	18	0			
	62309	EL DABÀ	320	5	15	01	1	3		12.4		24			21		84	21	0			
		ALEXANDRIA	360	10	50	01	2	3	Cu,Sc	12.6	+1.0	25	28	-2	23	0	74	20	0	267	186	
	62318	FOUAD (Airport)	360	12	18	03	0	5	Sc	11.9		26	29		20		70	20	0	269	138	
	62330	DAMIETTA	70	20		03	1	3	Cu,Ac	11.9	+1.4	26	29		18		70	20	0	319	106	
	62333	PORT SA'ÎD											28							72		
	62336	EL 'ARISH	00	0	35	02	0	1	Cu	11.1	+0.6	27	28	-2	18	-2	62	19	0		94	
LOWER EGYPT	62339	DAMANHUR	360	5	15	02	1	4	Cu	12.0	+0.9	24	31	-1	19	-1	84	21	0	102	101	
	62342	MANSURA	270	2	35	02	1	2	Cu	12.0	+1.0	26	31	-3	19	-1	66	19	0	49	55	
	62348	TANTA	00	0	35	01	1	4	Cu	12.8	+1.4	24	31	-3	14	-5	69	18	0	34	44	
	62354	ZAGAZIG	220	5	7	00	0	0	—	12.0	+0.3	24	32	-3	18	-1	74	19	0	21	27	
	62441	ISMAÎLÌA	340	2	7	00	1	2	Ac	11.5		26	33		20		62	18	0	14		
CAIRO AREA	62366	FAROUK (Airport)											30									
	62372	ALMÂZA	360	5	15	00	0	0	—	11.9	+0.6	23	30	-4	20	-1	74	18	0	8	26	
		EZBEKÎYA	360	5	15	00	0	0	—	12.2	+0.9	24	31	-3	18	-1	70	18	0	16	27	
		GÎZA	360	10	15	01	0	2	Cu	11.4	+0.4	23	30	-4	20	-1	65	16	0	16	29	
	62378	HELWÂN																				
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0	—	11.6	+0.5	24	32	-3	20	-1	69	18	0	8	8	
	62387	MINYA	10	9	10	00	0	0	—	11.3		23	32		18		65	16	0	5		
	62393	ASYÛT MANQABÂD	320	10	12	00	0	0	—	10.7		24			19		65	17	0	dr.		
	62399	NAG' HAMMÂDI	290	1		00	0	0	—	8.8	-0.2	27	36		21		55	17	0	0		
	62402	QENA	240	5	35	00	0	0	—	8.0	-0.4	26	40	0	23	0	55	16	0	dr.		
	62405	LUXOR																		dr.		
	62414	ASWÂN	360	7	50	01	1	3	Ac	8.0	-0.2	29	42	+1	25	0	43	15	0	2		
OASES	62417	SÎWA	300	8	35	00	0	0	—	14.6	+1.5	23	33	-4	20	+1	65	16	0	1	8	
	62420	BAHARÎYA	360	8	35	02	1	5	Ac	12.7	+0.8	22	32	-4	18	-2	83	19	0	dr.	7	
	62423	FARAFRA	20	4		02	1	1	As	13.0		22	32		19		83	19	0	dr.		
	62432	DAKHLA	320	3	35	00	0	0	—	10.7	-0.1	27	36	-2	19	-3	33	9	0	dr.		
	62435	KHARGA	20	4	35	00	0	0	—	10.2	-0.5	26	35	-4	20	-2	62	18	0	0		
RED SEA	62450	SUEZ	360	7	35	00	0	2	Cu	11.4	+1.1	25	33	-2	21	-2	61	17	0	12	17	
	62459	TÛR	310	2	35	00	0	0	—	6.7	-0.9	27	33	-1	20	-4	55	17	0	dr.	13	
	62462	HURGHÂDA	300	19		00	0	0	—	6.1		26	29		23		70	20	0	7		
	62465	QUSEIR	360	13	15	02	0	0	—	7.6	+0.1	29	31	-3	25	-2	52	18	0	0	4	
	62641	PORT SÛDÂN																	0	61	105	
NORTH SÛDÂN	62600	WÂDI HALFA	350	2	30	03	0	1	Ac	6.0		27	40		23		30	8	0	27		
	62640	ABU HAMAD	00	0	30	00	0	0	—	5.3		34	39		30		30	14	0			
	62660	KAREIMA	200	3	10	00	1	1	Ac	6.8		30	39		28		52	19	0	71	24	
	62680	'ATBARA	230	9	30	03	2	8	Ac,Ci,Cs	7.5		30	41		24		43	16	0	29	62	
	62721	KHARTÛM	210	10	30	03	0	1		7.9		29	36		26		52	18	0	23	141	
	62780	KASSALA	180	5	36	00	0	0	—	10.1		27	34		23		66	20	0	276	260	
CENTRAL SÛDÂN	62751	WÂD MEDANI																	0	132	324	
	62801	RENK																			418	
	62802	ROSEIRES	180	2	35	00	1	0	—	10.7		23	30		20		84	20	0	535	631	
	62771	EL OBEID	180	14	50	01	0	0	—	8.6		27	33		24		66	20	0	194	282	
	62760	EL FÂSHER	120	4	30	02	6	8	Sc,Ac			21	34		18		88	19	31	156	267	
	62770	GENEINA	160	3	10	02	0	8	Ac,Ci,Cs			20	32		19		78	16	0		473	
S. SÛDÂN	62840	MALAKÂL	200	1	30	01	8	6	Ac	10.7		26	21		22		84	23	dr.	828	679	
	62880	WÂU	00	0	30	02	5	7	Cb	10.2		23	21		20		94	22	3	978	922	
	62941	JUBA	180	5	30	03	2	6	Ac,Cs	11.7		23	32		20		88	21	dr.	607	845	

HUMIDITY

Mean of day

STATION	on 28th %	Diff. from normal
Alexandria	69	-2
Ezbekîya	61	-1
Gîza	67	+3
Helwân	55	+3

GÎZA
GRASS MINIMUM TEMP.
ON 29th 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 28th

STATION	Matruh				Faid A.P.				Port Said				Minya				Hurghada							
TIME	15				15				15				15				16							
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	350	20			340	18			360	11			10	15			340	23						
600	350	23			340	17			350	9			360	13			350	15						
1000	340	21			340	19			280	11			340	15			340	7						
1500									240	3			330	22			250	16						
2000									210	3			290	13			250	22						
3000													260	10			240	24						
4000																	210	21						
5000																	220	24						
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	9		3 30		3		4				9 15		3 15		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	100	13	350	15	10	10	20	8			20	12	360	20	320	23			10	12	340			
600	30	11	360	12	10	10	40	7			40	9	20	32	320	27			10	22	340	13		
1000	40	13	20	15	360	11	40	7			40	13	10	17	320	30			30	13	310	19		
1500	10	8					50	5			40	9	320	21					240	8	290	6		
2000	320	3					50	5			320	4	220	5					220	5	250	18		
3000	20	7					60	3			230	7									230	25		
4000																								
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7												3 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	70	10	360	14	340	20	360	11																
600	50	9	360	19	340	22	360	16																
1000	30	12	360	29	340	23	340	15											200	20				
1500	40	15	20	22			90	3											160	12	100	17		
2000	30	17	30	24																				
3000	10	8																	90	19				
4000	50	8																						
5000	290	3																						
6000	270	9																						
7000	280	11																						
8000	250	19																						

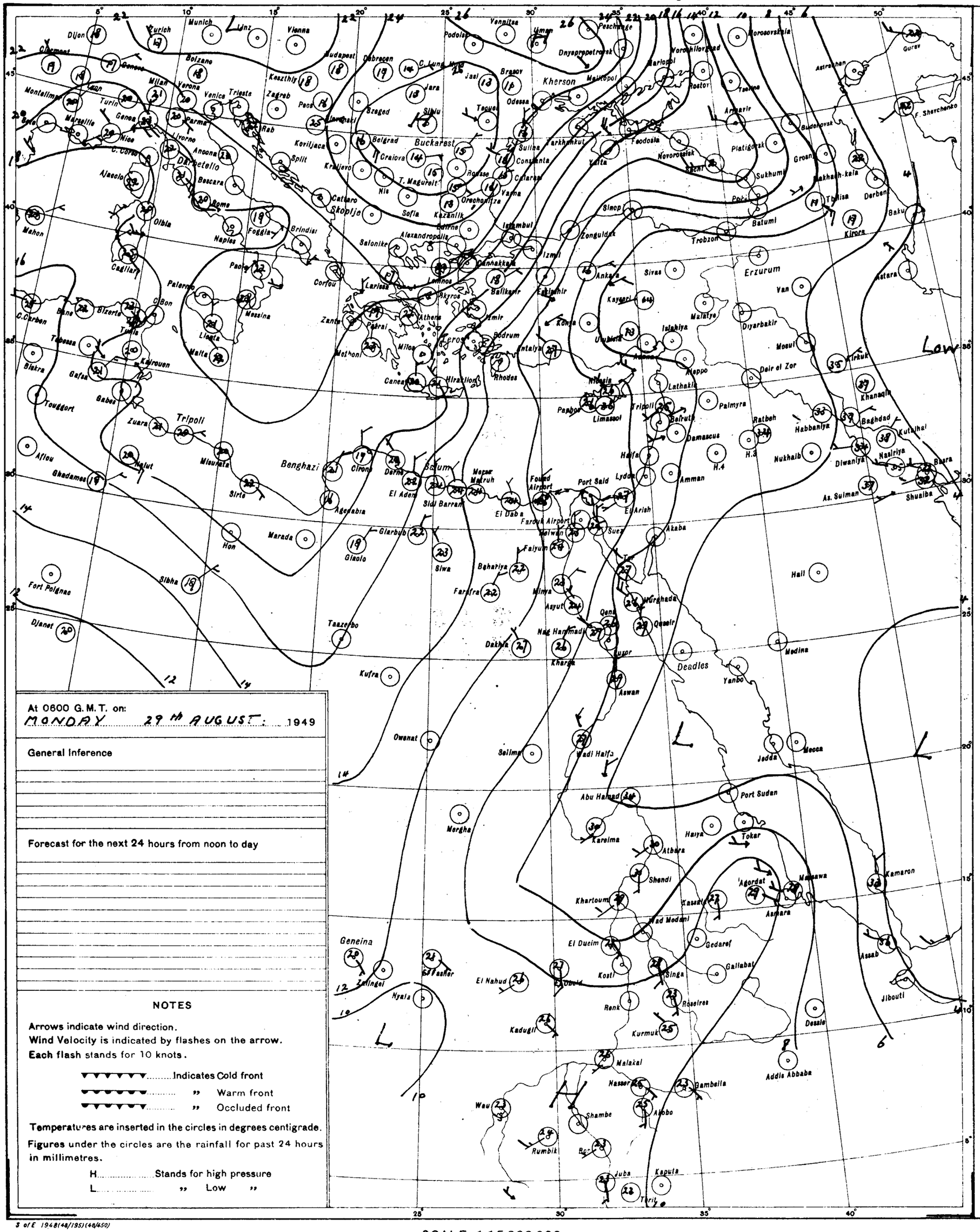
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 29th : 8 1949



At 0600 G.M.T. on:
MONDAY 29th AUGUST 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	S
	" or sand raised by wind	07	≈
	Dust devil	08	≋
	Duststorm or sandstorm within sight or at station during last hour	09	(≋)
	Mist	10	=
	Shallow fog	12	=
Lightning, no thunder heard		13	≤
Precipitation within sight		16	(•)
Thunder, no precipitation		17	(K)
During past hour and not at time of observation	Squalls	18	V
	Drizzle	20	,]
	Rain	21	•]
	Showers of rain	25	•▽]
	" " hail	27	▲▽]
	Fog	28	≡]
	Thunderstorm	29	K]
Duststorm or Sandstorm		31	≋
Fog		45	≡
Drizzle		50	,
Rain		60	•
Showers of rain		80	▽
" " hail		87	▲▽
Rain / Hail	Thunderstorm during the past hour	91	K]• / K]▲
Thunderstorm with rain		95	K•
" " hail		96	K▲
" " Sandstorm		98	K≋

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

Cloudless	—		○
Cirrus	Ci	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 30 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 30th August , 1949

At 1200 on Mon. 29th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALÛM	360	9	7	02	0	0	—	14.3	26	62	18
	62303	SÎDI BARÂNI	360	8	50	02	2	8	cs	15.2	25	74	20
	62306	MATRÛH	40	12	18	00	1	0	—	14.2	26	55	16
	62309	EL DABA	320	6	35	01	1	2					
		ALEXANDRIA	360	16	50	00	0	0	—	12.0	27	70	21
	62318	FOUAD (Airport)	340	15	18	02	1	3	cu	11.9	28	62	20
	62330	DAMIETTA	340	5	15	01	0	1	ac	11.4	28	62	20
	62333	PORT SA'ÎD	350	9	30	02	1	0	—	10.9	27	70	21
	62336	EL 'ARISH	20	9	35	02	0	1	cu	10.6	27	79	23
LOWER EGYPT	62339	DAMANHUR	40	9	15	02	1	1	cu	12.0	30	59	21
	62342	MANSURA	20	9	35	00	1	0	—	11.0	33	34	15
	62348	TANTA	310	5	35	01	1	2	cu	11.9	33	34	15
	62354	ZAGAZIG	20	9	35	00	0	0	—	10.6	32	38	16
	62441	ISMAÎLIA	360	5	36	02	1	2	ac	9.9	32	38	16
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMÂZA											
		EZBEKÎYA	360	9	15	00	0	0	—	9.9	31	49	19
		GÎZA	360	9	15	00	0	0	—	10.6	30	46	17
	62378	HELWÂN	360	19	15	02	0	0	—	9.2	32	34	14
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0	—	9.1	32	34	14
	62387	MINYA	10	13	12	00	0	0	—	8.9	32	28	11
	62393	ASYÛT MANQABÂD	300	12	30	00	0	0	—	8.1	31	36	14
	62399	NAG' HAMMÂDI	290	2	7	00	0	0	—	6.4	35	32	16
	62402	QENA	240	5	50	00	0	0	—	5.9	38	31	18
	62405	LUXOR											
	62414	ASWÂN	340	9	50	01	1	3	ci	5.6	39	23	14
OASES	62417	SÎWA	40	6	35	00	0	0	—	14.0	32	38	16
	62420	BAHARÎYA	360	4	35	00	1	0	—	10.3	32	28	11
	62423	FARAFRA	360	3	35	02	0	0	—	11.1	31	28	10
	62432	DAKHLA	340	9	50	00	0	0	—	7.9	32	28	11
	62436	KHARGA	360	3	35	00	0	0	—	7.1	35	29	14
RED SEA	62450	SUEZ	360	10	35	01	0	0	—	8.6	32	38	16
	62459	TÛR	310	19	35	00	0	0	—	7.4	29	66	22
	62462	HURGHÂDA	340	14		00	0	0	—	5.4	28	70	22
	62465	QUSEIR	360	9	15	02	0	0	—		31	59	22
	62641	PORT SÛDÂN	30	9	7	05	0	1	cu	3.0	36	53	25
NORTH SÛDÂN	62600	WÂDI HALFA	10	9	30	02	0	1	ci	5.4	39	14	7
	62640	ABU HAMAD	230	1	7	05	1	8	ac cs	2.7	41	18	12
	62660	KAREIMA	180	1	10	05	1	7	cs	3.9	39	28	17
	62680	'ATBARA	250	2	30	03	2	8	cu,cs	3.7	39	28	17
	62721	KHARTÛM	270	7	30	03	1	6	cu,cs	4.8	37	33	18
	62780	KASSALA	00	0	30	02	0	3	cu	5.2	35	39	19
CENTRAL SÛDÂN	62751	WÂD MEDANI											
	62801	RENK	340	5	50	02	1	6	cu	6.8	33	47	20
	62802	ROSEIRES	180	2	35	02	0	0	—	6.6	29	59	20
	62771	EL OBEID	180	6	30	03	0	6	cu	4.1	35	30	15
	62760	EL FÂSHER	110	5	30	02	1	7	ac		27	66	20
	62770	GENEINA	270	2	10	02	2	7	cu, ac		29	52	18
S. SÛDÂN	62840	MALAKÂL	160	2	30	60	2	6	cb	6.5	32	59	23
	62880	WÂU	00	0	30	61	5	7	cb, cu	8.2	26	79	21
	62941	JUBA	130	5	30	03	2	7	cb cu	6.0	31	52	20

At 1800 on Mon. 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	5	7	00	0	1	ac	14.2	25	61	17	0
62303	SÎDI BARÂNI	40	5	35	01	0	3		14.1	22	89	20	0
62306	MATRÛH	60	10	13	00	0	0	—	14.1	23	65	16	0
62309	EL DABA												
	ALEXANDRIA	360	14	7	01	1	3	cu,sc	11.8	25	74	20	0
62318	FOUAD (Airport)	360	12	18	02	0	0	—	11.8	24	79	20	0
62330	DAMIETTA	340	5		01	0	1	ac	11.4	25	84	22	0
62333	PORT SA'ÎD	350	12	14	02	2	0	—	10.9	26	79	22	0
62336	EL 'ARISH	340	2	15	03	1	2	cu	10.2	24	84	21	0
62339	DAMANHUR	360	5	15	02	0	0	—	12.3	24	84	21	0
62342	MANSURA	360	5		00	0	0	—	11.4	25	70	19	0
62348	TANTA	00	0	35	01	1	3	cu	11.1	24	74	19	0
62354	ZAGAZIG	320	2	35	00	0	0	—	11.0	24	74	19	0
62441	ISMAÎLIA	360	2	15	02	0	0	—	10.7	26	70	20	0
62366	FAROUK (Airport)												
62372	ALMÂZA												
	EZBEKÎYA	340	3	35	00	0	0	—	H.0 ?	26	58	17	0
	GÎZA	340	3	35	00	0	0	—	11.5	26	53	16	0
62378	HELWÂN	360	12	15	02	0	0	—	9.9	28	40	13	0
62381	FAIYÛM	360	5	35	02	0	0	—	8.8	29	43	15	0
62387	MINYA	360	1	10	00	0	0	—	8.7	25	51	14	0
62393	ASYÛT MANQABÂD												
62399	NAG' HAMMÂDI	00	0		00	0	0	—	6.8	27	62	19	0
62402	QENA	240	5	7	00	0	0	—	6.0	30	46	17	0
62405	LUXOR	270	5	12	00	0	0	—	5.9	30	25	8	0
62414	ASWÂN	360	4	50	00	0	0	—	5.3	36	24	12	0
62417	SÎWA	40	5	35	00	0	0	—	13.0	30	40	15	0
62420	BAHARÎYA	360	5	15	02	0	0	—	10.4	29	46	16	0
62423	FARAFRA	360	5	15	02	1	3	ci	10.7	26	30	7	0
62432	DAKHLA	320	3	35	00	0	0	—		29	29	9	0
62436	KHARGA	00	0	15	00	0	0	—	8.6	28	40	13	0
62450	SUEZ	360	5	3	02	0	0	—	10.2	27	79	23	0
62459	TÛR	310	3	15	00	0	0	—	5.3				0
62462	HURGHÂDA	300	13		00	0	0	—	5.5				0
62465	QUSEIR	360	9	15	02	0	0	—	4.7	30	59	21	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 30th August,

INDEX NUMBER	STATION	WIND 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	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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	SALÛM	320	9	7	02	0	0	—	14.4		23	27		16		74	18	0			SALÛM
62303	SÎDI BARÂNI	320	10	50	03	2	8	cs	15.0		24	26		21		74	19	0	278		SÎDI BARÂNI
62306	MATRÛH	330	5	13	01	0	2	cu	13.6		24	28		18		69	18	0			MATRÛH
62309	EL DABA	20	6	15	01	1	3		13.1		24			20		74	19	0			EL DABA
	ALEXANDRIA	20	11	50	01	2		sc,cu	13.1	+1.4	24	28	-2	22	-1	69	18	0	267	186	ALEXANDRIA
62318	FOUAD (Airport)	340	15	18	02	0	0	—	12.3		25	29		21		74	20	0	265	136	FOUAD (Airport)
62330	DAMIETTA	320	2	15	02	0	1	ac	11.9	+1.3	26	29		20		74	21	0	319	106	DAMIETTA
62333	PORT SA'ÎD	350	4	18	01	0	1	sc	11.5		26	28		24		70	20	0	72		PORT SA'ÎD
62336	EL 'ARISH	320	2	35	01	0	0	—	11.4	+0.8	27	29	-1	21	+1	70	21	0		94	EL 'ARISH
62339	DAMANHUR	40	9	7	02	1	2	cu	12.7	+1.5	24	31	-1	19	-1	84	21	0	102	101	DAMANHÛR
62342	MANSURA	180	5	35	01	1	2	cu	12.6	+1.5	24	34	0	18	-2	84	21	0	49	55	MANSÛRA
62348	TANTA	00	0	35	01	1	3	cu	13.4	+1.8	23	33	-1	16	-3	89	20	0	34	44	TANTA
62354	ZAGAZIG	320	5	15	02	1	6	cu,ac	12.3	+0.5	25	33	-1	19	0	79	21	0	21	27	ZAGAZIG
62441	ISMAÎLIA	320	2	7	03	2	5	ac	11.9		26			22		74	21	0	14		ISMAÎLIA
62366	FAROUK (Airport)																				FAROUK (Airport)
62372	ALMÂZA																				ALMÂZA
	EZBEKÎYA	350	6	12	13	1	6	fc,fc	12.4	+1.0	23			20		84	20	0			EZBEKÎYA
	GÎZA	340	6	15	00	0	5	cb	12.6	+1.2	24	32	-2	21	0	74	19	0	8	26	GÎZA
62378	HELWÂN	340	6	15	00	0	5	cb,	12.7	+1.3	24	32	-1	18	-1	72	19	0	16	27	HELWÂN
62381	FAIYÛM	360	11	7	03	2	6	cu	12.0	+0.9	23	33	-1	21	0	53	13	0	16	29	FAIYÛM
62387	MINYA	360	8	35	03	0	2	cu,sc	12.3	+1.1	24	33	-2	20	-1	69	18	0	6	8	MINYA
62393	ASYÛT MANQABÂD	30	16	10	01	1	2	cu	10.9		23	32		20		74	18	0	5		ASYÛT MANQABÂD
62399	NAG' HAMMÂDI	330	11	12	00	0	0	—	10.9		23			20		74	18	0	dr.		NAG' HAMMÂDI
62402	QENA	00	0		00	0	0	—	8.7	-0.4	26	36		21		62	18	0	0		QENA
62405	LUXOR	240	5	35	00	0	0	—	8.3	-0.2	26	40	0	24	+1	55	16	0	dr.		LUXOR
62414	ASWÂN											39							dr.		ASWÂN
62417	SÎWA	360	4	50	00	0	0	—	7.5	-0.8	30	40	-1	26	+1	35	13	0	2		SÎWA
62420	BAHARÎYA	00	0	35	00	0	0	—	15.4	+2.2	23	34	-3	18	-1	65	16	0	1	8	BAHARÎYA
62423	FARAFRA	360	4	35	02	1	3	ac	13.3	+1.3	22	33	-2	19	-1	83	19	0	dr.	7	FARAFRA
62432	DAKHLA	360	3	15	02	0	0	—	11.4		20	33		19		40	14	0	dr.		DAKHLA
62436	KHARGA	00	0	35	00	0	0	—	10.3	-0.6	28	35	-3	20	-2	27	7	0	dr.		KHARGA
62450	SUEZ	360	1	15	00	0	0	—	9.9	+0.1	26	35	-3	22	0	62	18	0	0		SUEZ
62459	TÛR	00	0	35	00	0	2	cu	12.0	+1.6	24	33	-2	21	-2	94	23	0	12	17	TÛR
62462	HURGHÂDA	360	4	35	00	0	0	—	7.0	-0.9	26	32	-1	20	-4	62	18	0	dr.	13	HURGHADA
62465	QUSEIR	320	19		00	0	0	—	6.9		26	30		24		66	19	0	7		QUSEIR
62641	PORT SÛDÂN	360	9	15	02	0	0	—	7.2	-0.4	29	32	-2	26	-1	52	18	0	0	4	PORT SÛDÂN
62600	WÂDI HALFA																	0	61	105	
62640	ABU HAMAD	360	8	30	01	1	1	ac	8.2		29	40		26		25	7	0	27		WÂDI HALFA
62660	KAREIMA	230	5	10	00	0	0	—	5.4		33	41		21		32	14	dr.			ABU HAMAD
62680	'ATBARA	270	9	30	02	2	8	ac,cs	7.0		32	41		30		41	17	0	91	25	KAREIMA
62721	KHARTÛM																	0	27	63	'ATBARA
62780	KASSALA	30	2	30	02	1	6	ac	7.6		27	38		25		70	21	6	29	144	KHARTÛM
62751	WÂD MEDANI	200	5	30	01	1	7	cs	9.0		27	36		22		70	21	dr.	276	263	KASSALA
62801	RENK	180	9	50	01	1	4	cc	8.7		28	37		24		66	21	0	192	328	WÂD MEDANI
62802	ROSEIRES																	0	230	422	RENK
62771	EL OBEID	230	2	35	00	0	0	—	9.4		24	32		22		61	21	0	535	638	ROSEIRES
62760	EL FÂSHER	250	8	30	02	1	5	ac	8.7		27	36		24		58	18	0	194	286	EL OBEID
62770	GENEINA																	0	156	271	EL FÂSHER
62840	MALAKÂL																			482	GENEINA
62880	WÂU																	0	828	685	MALAKÂL
62941	JUBA	130	1	30	02	2	7	ac	9.5		23	29		21		94	22	1	979	928	WÂU
																		3	610	849	JUBA

HUMIDITY %

Mean of day

STATION	on 29th	Diff. from normal
Alexandria	72	+1
Ezbekîya	61	-1
Giza	57	-8
Helwân	49	-3

GIZA GRASS MINIMUM TEMP. ON 30th 14.3 °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

PRESSURE mbs.	HEIGHT ABOVE M.S.L.	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 29th

HEIGHT m.	Matruh DIR.	Matruh VEL.	Foad A.P. DIR.	Foad A.P. VEL.	Port Said DIR.	Port Said VEL.	Minya DIR.	Minya VEL.	Hurghada DIR.	Hurghada VEL.
	TIME 15	15	15		15		15		15	
300	350	16	340	19	340	15	360	21	330	29
600	360	13	360	16	360	11	360	24	330	12
1000	350	14	360	16	360	7	360	23	350	11
1500	320	15	10	13	40	4	340	6	290	7
2000	10	11	40	12	80	4	290	6	260	
3000	350	7	280	7	120	4				
4000	300	6	260	13						
5000	350	8								
6000										
7000										
8000										

UPPER WIND OBSERVATIONS on 30th

HEIGHT m.	SÎDI BARÂNI DIR.	SÎDI BARÂNI VEL.	MATRÛH DIR.	MATRÛH VEL.	FOUAD AIRPORT DIR.	FOUAD AIRPORT VEL.	PORT SA'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.	
	TIME 9		9		4		3				9 15		6 30		9				5		9		
300	350	10	320	9	330	17	350	9			350	19	350		330	11			10	9	330		
600	350	14	330	6	350	17	10	8			10	12	360		350	13			360	19	320		
1000	340	9	330	12	350	11	30	8			30	13	30		350	16			10	10	310	22	
1500	30	12	320	10	310	8	20	5			50	15	30		310	8			300	10	310	15	
2000	50	15	320	12	320	5	20	6							240	19			360	11			
3000	60	9			330	10	30	4															
4000					320	11	40	4															
5000					290	10																	
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 7		7		7		7		5								3 30						4	
300	340	9	360	32	360	30	360	22	10	13														
600	350	8	360	18	360	28	360	22	10	21							180	3					260	13
1000	360	10	220	7	350	36	360	18	30	12							240	4					260	25
1500	340	25	360	17			340	4	300	7							320	11					260	7
2000	320	12																					310	4
3000	340	5																					40	15
4000	50	12																						
5000	10	4																						
6000	280	3																						
7000	270	10																						
8000																								

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

Note: All times 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 th AUGUST 1949

At 0600 G.M.T. on:
TUESDAY 30 th AUGUST 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	(R)
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,
	Rain	21	•
	Showers of rain	25	•
	" " hail	27	•
	Fog	28	≡
	Thunderstorm	29	R
Duststorm or Sandstorm		31	≡
Fog		45	≡
Drizzle		50	,
Rain		60	•
Showers of rain		80	•
" " hail		87	•
Rain / Hail	Thunderstorm during the past hour	91	R•
		93	R▲
Thunderstorm with rain		95	R•
" " hail		96	R▲
" " Sandstorm		98	R≡

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

Cloudless	—	—	○
Cirrus	Ci	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 31 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 : Wednesday 31st August, , 1949

At 1200 on Tues. 30th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALÛM	360	15	7	02	0	0	—	14.3	26	58	17
	62303	SÎDI BARÂNI	340	12	50	02	2	2	cs	14.1	26	74	21
	62306	MATRÛH	360	11	18	00	1	0		14.0	26	65	16
	62309	EL DABA	320	5	35	01	1	2		14.0	25	74	20
		ALEXANDRIA	330	15	50	00	0	0	—	12.7	26	62	18
	62318	FOUAD (Airport)	340	15	18	03	0	1	cu	12.2	27	55	17
	62330	DAMIETTA	320	2	15	00	0	0	—	11.5	27	70	21
	62333	PORT SA'ÎD	360	9	30	02	0	1	sc	11.3	27	70	21
	62336	EL 'ARISH	320	9	35	02	0	0	—	10.8	27	79	23
LOWER EGYPT	62339	DAMANHÛR	270	9	7	02	0	0	—	12.4	29	59	20
	62342	MANSÛRA	270	9	35	01	1	2	—	11.4	31	38	15
	62348	TANTA	270	8	35	02	1	0	—	11.0	31	43	17
	62354	ZAGAZIG											
	62441	ISMAÎLIA	340	2	35	01	1	1	ac	10.3	33	30	13
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMÂZA											
		EZBEKÎYA	360	8	35	00	0	0	—	10.7	31	41	16
		GÎZA	360	8	35	00	0	0	—	11.4	31	34	13
	62378	HELWÂN	340	8	15	02	0	0	—	10.7	31	31	12
UPPER EGYPT	62381	FAIYÛM	360	8	35	01	0	0	—	6.7	32	24	9
	62387	MINYA	20	15	12	00	0	0	—	9.5	32	34	14
	62393	ASYÛT MANQABÂD	310	13	30	00	0	0	—	8.3	33	30	13
	62399	NAG' HAMMÂDI	270	3	7	00	0	0	—	6.0	35	32	16
	62402	QENA	240	5	50	00	0	0	—	5.1	39	34	20
	62405	LUXOR											
	62414	ASWÂN	340	7	50	00	0	0	—	4.4	41	19	13
OASES	62417	SÎWA	320	4	35	00	0	0	—	14.6	29	55	19
	62420	BAHARÎYA	360	6	35	02	1	0	—	11.2	32	28	11
	62423	FARAFRA	360	6	35	02	0	0	—	11.8	33	16	4
	62432	DAKHLA	320	11	50	00	0	0	—	9.6	34	18	6
	62436	KHARGA	360	4	15	00	0	0	—	8.0	35	23	11
RED SEA	62450	SUEZ	360	9	35	01	0	0	—	9.4	32	28	11
	62459	TÛR	360	14	35	00	0	0	—	5.6	30	59	21
	62462	HURGHÂDA	330	16		00	0	0	—	5.1	28?	42	23
	62465	QUSEIR	360	9	50	02	0	0	—	5.4?	30	59	21
	62641	PORT SÛDÂN	50	15	10	03	1	8	ac,cu,cb	2.3	37	33	18
NORTH SÛDÂN	62600	WÂDI HALFA	340	11	30	02	2	8	ac,cs	4.9	39	16	9
	62640	ABU HAMAD	00	0	30	02	2	7	cs	1.6	42	12	7
	62660	KAREIMA											
	62680	'ATBARA	50	2	30	03	2	8	cu,cs	1.8	40	34	21
	62721	KHARTÛM	220	4	30	03	1	6	cu,ns,cb	3.2	36	31	16
	62730	KASSALA	270	2	30	03	1	3	cu	3.3	35	44	21
CENTRAL SÛDÂN	62751	WÂD MEDANI											
	62801	RENK	230	2	50	02	1	5	cu	6.0	31	55	21
	62802	ROSEIRES											
	62771	EL OBEID	00	0	30	15	2	7	cu,as	3.4	34	32	15
	62760	EL FÂSHER	180	5	30	02	1	6	cu		31	49	19
	62770	GENEINA	130	2	30	01	1	5	cu,cb		31	43	17
S. SÛDÂN	62840	MALAKÂL	210	13	30	15	2	8	sc,cu	6.5	29	66	22
	62880	WÂU	00	0	30	03	2	8	cu,ac	6.7	31	55	21
	62941	JUBA	90	2	10	61	1	8	sc,cu	10.6		94	20

At 1800 on Tues. 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	SALÛM	320	5	7	02	0	0	—	14.4	24	69	18	0
	62303	SÎDI BARÂNI	360	2	35	01	2	6	cu,cs	14.5	22	89	20	0
	62306	MATRÛH	20	9	13	03	2	5	sc	14.3	23	74	18	0
	62309	EL DABA	320	4	15	01	1	2		12.6	25	70	19	0
		ALEXANDRIA	360	18	7	00	0	0	—	13.9	24	69	18	0
	62318	FOUAD (Airport)	360	10	12	01	1	0	—	12.5	22	78	18	0
	62330	DAMIETTA	320	2		02	0	0	—	12.2	27	62	19	0
	62333	PORT SA'ÎD	340	12	18	02	0	0	—	11.6	25	74	20	0
	62336	EL 'ARISH	340	5	15	02	0	0	—	11.8	26	84	23	0
LOWER EGYPT	62339	DAMANHÛR	360	5	7	02	0	0	—	12.8	23	84	20	0
	62342	MANSÛRA	360	4		00	1	0	—	12.7	24	71	19	0
	62348	TANTA	00	0	35	02	0	0	—	12.6	23	74	18	0
	62354	ZAGAZIG												
	62441	ISMAÎLIA	20	2	7	02	0	0	—	11.8	26	70	20	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMÂZA	340	7	12	00	0	0	—	11.6	27	55	17	0
		EZBEKÎYA	20	4	15	00	0	0	—	11.8	26	62	18	0
		GÎZA	20	4	15	00	0	0	—	12.3?	25	59	16	0
	62378	HELWÂN	340	11	15	02	0	0	—	11.9	27	42	13	0
UPPER EGYPT	62381	FAIYÛM	360	2	35	02	0	0	—	10.4	27	52	16	0
	62387	MINYA	10	6	10	00	0	0	—	9.9	23	50	12	0
	62393	ASYÛT MANQABÂD												
	62399	NAG' HAMMÂDI	290	2		00	0	0	—	7.0	30	31	11	0
	62402	QENA	240	5	7	00	0	0	—	6.0	30	52	19	0
	62405	LUXOR	220	4	12	00	0	0	—	5.9	32	26	10	0
	62414	ASWÂN	360	4	50	00	0	0	—	6.3	37	18	9	0
OASES	62417	SÎWA	40	8	35	00	0	0	—	14.3	21	88	19	0
	62420	BAHARÎYA	360	2	15	02	0	0	—	11.9	27	33	9	0
	62423	FARAFRA	320	5	15	02	0	0	—	11.9	27	20	2	0
	62432	DAKHLA	320	6	35	00	0	0	—	9.1	28	27	7	0
	62436	KHARGA	360	1	15	00	0	0	—	8.7	31	22	7	0
RED SEA	62450	SUEZ	360	11	7	02	0	0	—	10.8	28	45	15	0
	62459	TÛR	310	6	15	00	0	0	—		28	70	22	0
	62462	HURGHÂDA	290	16		00	0	0	—	5.7		49	18	0
	62465	QUSEIR	330	9	15	02	0	0	—	5.4	29	46	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 Wednesday 31st August,

AREA	INDEX NUMBER	STATION	WIND 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	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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.
MEDITERRANEAN	62300	SALUM	320	8	7	02	0	0	—	15.0		23	27		17		74	18	0		
	62303	SÎDI BARÂNI	340	7	50	03	2	8	cs	15.8		24	26		20		71	19	0	278	
	62306	MATRÛH	20	10	18	01	1	3	cu	14.8		26	28		21		58	16	0		
	62309	EL DABA	320	6	15	01	1	4		13.1		24	27		20		71	19	0		
		ALEXANDRIA	20	12	50	01	1	3	cu,sc	13.8	+2.0	24	28	-2	22	-1	74	19	0	267	186
	62318	FOUAD (Airport)	340	10	18	01	2	4	cu	13.2		26	29		20		62	18	0	265	138
	62330	DAMIETTA	360	2	7	03	1	2	ac	12.2	+1.4	26	28		18		84	23	0	319	106
	62333	PORT SA'ÎD	350	8	14	03	0	1	sc	12.2		25	28		24		79	21	0	72	
	62336	EL 'ARISH	00	0	35	02	0	0	—	12.2	+1.5	27	29	-1	18	-2	70	21	0		94
LOWER EGYPT	62339	DAMANHÛR	40	9	7	02	1	2	cu	13.1	+1.8	24	30	-2	19	-1	74	19	0	102	101
	62342	MANSÛRA	320	5	35	00	0	0	—	12.8	+1.5	25	33	-1	17	-3	74	20	0	49	55
	62348	TANTA	00	0	35	01	1	4	cu	13.6	+1.9	22	32	-2	13	-6	69	20	0	34	44
	62354	ZAGAZIG	290	2	7	02	2	8	sc	12.8	+0.9	22					83	19	0	21	27
	62441	ISMAÎLIA	290	2	7	02	0	0	—	12.6		25	34		20		70	19	0	14	
CAIRO AREA	62366	FAROUK (Airport)																			
	62372	ALMÂZA	330	5	10	01	1	5	sc	12.9		21	32		18		88	19	0		
		EZBEKÎYA	360	3	15	01	2	3	cu	13.4	+1.9	23	32	-2	20	-1	78	19	0	8	26
		GÎZA	360	3	15	01	2	3	cu	13.5	+2.0	23	32	-1	18	-1	76	19	0	16	27
	62378	HELWÂN	360	4	7	03	2	4	st.	13.1	+1.9	21	32	-2	19	-2	83	18	0	16	29
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0	—	13.3	+2.0	23	33	-2	18	-2	74	18	0	8	8
	62387	MINYA	10	11	10	00	0	0	—	12.0		23	33		18		65	16	0	5	
	62393	ASYÛT MANQABÂD	320	12	12	00	0	0	—	11.8		23			19		65	16	0	dr.	
	62399	NAG' HAMMÂDI	290	1		00	0	0	—	9.8	+0.6	25	37		20		61	17	0	0	
	62402	QENA	240	5	35	00	0	0	—	9.5	-1.0	25	41	+1	23		54	15	0	dr.	
	62405	LUXOR											40							dr.	
	62414	ASWÂN	360	8	50	00	0	0	—	7.6	-0.8	29	42	+2	25	0	37	13	0	2	
OASES	62417	SÎWA	360	5	35	00	0	0	—	16.4	+3.1	21	33	-4	17	-2	57	12	0	1	8
	62420	BAHARÎYA	360	8	35	02	2	6	ac	13.9	+1.8	22	33	-2	17	-2	83	19	0	dr.	7
	62423	FARAFRA	360	5	7	02	0	0	—	14.3		21	34		17		74	16	0	dr.	
	62432	DAKHLA	320	8	35	00	0	0	—	11.8	+0.8	21	35	-3	21	-1	34	8	0	dr.	
	62436	KHARGA	360	4	35	00	0	0	—	10.6	+0.7	27	36	-2	24	+2	52	16	0	0	
RED SEA	62450	SUEZ	360	10	35	00	0	0	—	12.4	+1.9	24	34	-1	20	-2	74	19	0	12	17
	62459	TÛR	310	10	35	00	0	0	—	7.8	0.0	26	33	0	24	0	62	18	0	dr.	13
	62462	HURGHADA	310	22?		00	0	0	—	6.7		26	30		23		62	18	0	7	
	62465	QUSEIR	360	13	15	02	0	0	—	7.5	-0.2	30	31	-3	26	-1	35	13	0	0	4
	62641	PORT SÛDÂN	330	1	30	03	1	5	ac,cu	4.6		36	39		27		33	17	0	61	105
NORTH SÛDÂN	62600	WÂDI HALFA	360	12	30	00	0	0	—	8.2		28	40		25		27	7	0	27	
	62640	ABU HAMAD	20	13	30	01	0	1	cu	4.4		35	43		30		14	3	0		
	62660	KAREIMA	360	6	30	02	2	8	ac,cs	5.4		32	41		29		16	3	0	91	25
	62680	'ATBARA	230	5	30	02	2	8	cs				41		29		—	17	0	29	64
	62721	KHARTÛM	230	13	10	03	1	7	cs	7.3		29	39		29		49	17	0	29	146
	62730	KASSALA	180	9	30	03	1	8	st,ac			26	37		24		70	20	0	276	266
CENTRAL SÛDÂN	62751	WÂD MEDANI	200	10	50	02	1	7	ac	8.4		25	37		22		84	22	3	195	332
	62801	RENK	230	9	50	02	2	8	cu			23	32		21		94	22	0		426
	62802	ROSEIRES																	4	539	645
	62771	EL OBEID	290	9	30	03	9	6	ac,cs	9.9		23	36		21		78	19	17	211	290
	62760	EL FÂSHER	00	0		01	9	8	as			21	32		20		88	18	15	171	276
	62770	GENEINA	70	3	30	02	1	7	as			21	32		20		94	20	11		489
S. SÛDÂN	62840	MALAKÂL																	7	835	891
	62880	WÂU	180	5	35	01	1	6	sc	10.2		23	31		19		95	23	19	998	934
	62941	JUBA	250	2	4	10	4	7	sc,ac	12.6		21			20		95	21	11	621	853

HUMIDITY % Mean of day

STATION	on 30th	Diff. from normal
Alexandria	65	- 5
Ezbekiya	63	+1
Giza	61	- 4
Helwân	57	+5

GÎZA GRASS MINIMUM TEMP. ON 31st 11.9 °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 30th

STATION	Matruh.		Foad A.P.		Port Said		Minya		Hurghada	
TIME	14 45		15		15		15		15	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	330	23	320	17	330	11	360		330	36
600	340	19	320	22	320	7	360		340	42
1000	340	15	330	12	340	5	350		330	21
1500			360	7	20	4	340		310	30
2000			310	10	50	3	330		290	29
3000			310	7	70	5			220	17
4000			270	10	40	8			230	27
5000			280	13						
6000										
7000										
8000										

UPPER WIND OBSERVATIONS on 31st

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		
TIME	9		9		3		3				9	15	3		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	350	15	10	12	350	7	340	9			10	16	10		340	20			360	17	340		
600	350	17	360	13	340	10	330	6			340	13	360		350	20			350	26	240	36	
1000	360	15	10	12	20	12	70	6			30	11	350	17	350	2			20	19	300	38	
1500	40	15					40	9			30	9	10	12	360	11			350	7	300	16	
2000	50	10					320	5			350	8							260	4	280	10	
3000	60	12																					
4000																							
5000																							
6000																							
7000																							
8000																							

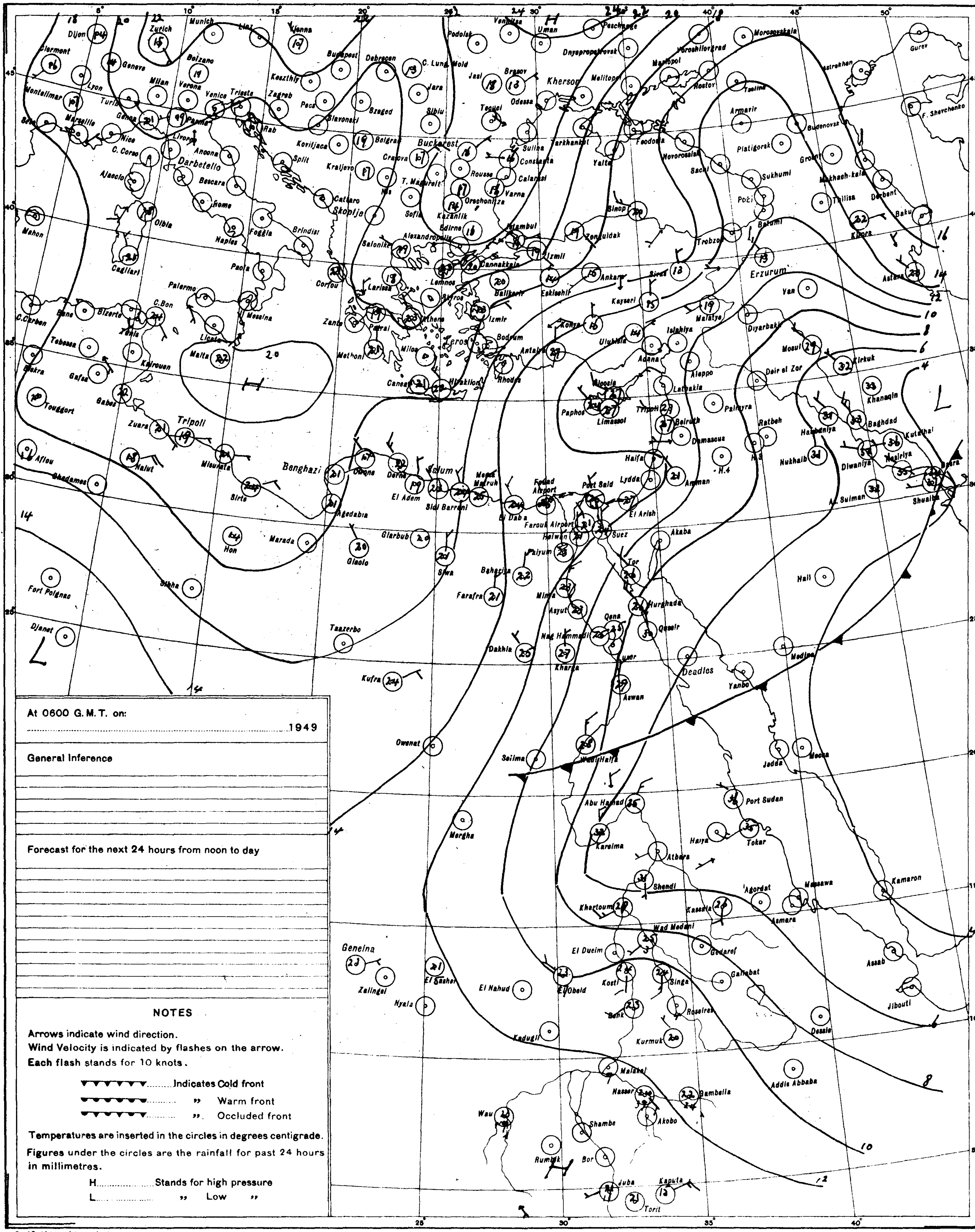
STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7		4								4							
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	20	6	30	27	340	26	360	24	360	19														
600	360	16	20	9	340	19	360	23	20	21							190	19						
1000	350	16	360	8	340	42	10	16	10	18							180	14						
1500	40	14	10				10	12	30	11							210	11						
2000	20	9							190	3							250	7						
3000	40	5							340	11							310	2						
4000	360	3																						
5000	340	5							150	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 31 st : 8 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 ,,

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

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

Cloudless		—	○
Cirrus	Ci	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

Complete
August

CAIRO

Time of Sunrise 03 31 G.M.T.

" " Sunset 16 18 G.M.T.

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

DAILY WEATHER REPORT

Date : Thursday 1st September, 1949

LIBRARY DEC 13 1949 WEATHER BUREAU

Form No 7 F.

At 1200 on Wed. 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.	RAIN PAST 12 hrs mms.
MEDITERRANEAN	62300	SALÛM	40	13	7	02	0	0	—	14.6	27	70	21	0
	62303	SÎDI BARÂNI	340	13	50	02	2	8	Cs	14.1	26	74	21	0
	62306	MATRÛH	20	13	18	03	0	5	Cu	14.3	27	58	18	0
	62309	EL DABA	320	6	35	01	1	2		14.0	26	74	21	0
		ALEXANDRIA	310	19	50	00	0	0	—	12.6	27	62	19	0
	62318	FOUAD (Airport)	340	12	18	02	0	0	—	12.7	28	58	19	0
	62330	DAMIETTA	360	2	15	00	0	0	—	11.8	28	74	23	0
	62333	PORT SAÏD	350	7	30	01	0	0	—	11.7	28	62	20	0
	62396	EL 'ARISH	340	5	35	02	0	0	—	11.4	27	79	23	0
LOWER EGYPT	62339	DAMANHUR	40	5	15	02	1	1	Cu	12.6	31	38	15	0
	62342	MANŞURA	40	9	35	00	0	0	—	11.8	33	24	10	0
	62348	TANTA	310	8	35	02	1	0	—	12.7	32	34	14	0
	62354	ZAGAZIG	290	2	35	00	1	0	—	11.5	32	32	14	0
	62441	ISMAÎLIA	360	2	35	02	0	0	—	10.7	32	28	11	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMÂZA												
		EZBEKÎYA	20	9	15	00	0	0	—	11.1	31	33	13	0
		GÎZA	20	9	15	00	0	0	—	11.8	31	28	10	0
	62378	HELWÂN	360	3	15	02	0	0	—	10.8	32	20	6	0
UPPER EGYPT	62381	FAIYÛM	360	2	35	02	0	0	—	10.6	32	24	9	0
	62387	MINYA	20	13	12	00	0	0	—	10.1	31	36	14	0
	62393	ASYÛT MANQABÂD	330	14	30	00	0	0	—	6.7	33	21	8	
	62399	NAG' HAMMÂDI	290	3	7	00	0	0	—	7.0	34	32	15	0
	62402	QENA	240	5	50	00	0	0	—	6.3	37	27	15	0
	62405	LUXOR												
	62414	ASWÂN	360	3	50	00	0	0	—	5.0	40	20	5	0
OASES	62417	SÎWA	40	5	35	00	0	0	—	15.4	33	59	24	0
	62420	BAHARÎYA	360	5	35	02	2	0	—	11.8	32	34	14	0
	62423	FARAFRA												
	62432	DAKHLA	320	11	50	00	0	0	—	9.3	32	15	2	0
	62435	KHARGA	360	9	35	00	0	0	—	7.3	34	30	14	0
RED SEA	62450	SUEZ	360	12	35	01	0	0	—	10.0	31	28	10	0
	62459	TÛR	310	16	35	00	0	0	—	6.8	29	59	20	0
	62462	HURGHÂDA	330	17		00	0	0	—	5.5	28	66	21	0
	62465	QUSEIR	360	9	15	02	0	0	—	5.7	30	52	19	0
	62641	PORT SÛDÂN												
NORTH SÛDÂN	62600	WÂDI HALFA	360	17	2	00	0	0	—	5.0	39	15	8	
	62640	ABU HAMAD	50	2	30	00	0	0	—	0.6	43	15	11	
	62660	KAREIMA	00	0	30	00	2	0	—	1.2	43	17	13	
	62680	'ATBARA												
	62721	KHARTÛM	220	10	10	02	2	7	Cs	3.1	38	53	12	
	62730	KASSALA	200	5	35	10	2	5	Cu, Cs	4.0	34	41	19	
CENTRAL SÛDÂN	62751	WÂD MEDANI												
	62801	RENK												
	62802	ROSEIRES	230	2		21	6	8	Fs, Fc	7.0	23	94	22	
	62771	EL OBEID	40	2	30	02	2	8	Cb, Ac	6.0	32	38	16	
	62760	EL FÂSHER	00	0	30	15	6	8	Sc, Cs		26	62	18	
	62770	GENEINA	160	4	30	50	2	8	Cu, Ac		28	55	18	
S. SÛDÂN	62840	MALAKÂL								10.4				
	62880	WÂU	170	7	30	03	0	7	Cu, Sc	9.1	28	66	21	
	62941	JUBA												

At 1800 on Wednes. 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.	RAIN PAST 12 hrs mms.
MEDITERRANEAN	62300	SALÛM	360	4	7	02	0	0	—	14.7	25	61	17	0
	62303	SÎDI BARÂNI	20	5	35	01	1	0	—	14.5	23	64	20	0
	62306	MATRÛH	40	7	12	01	0	0	—	14.9	23	74	18	0
	62309	EL DABA	320	4	15	01	1	0	—		23	89	21	0
		ALEXANDRIA	330	13	7	00	0	0	—	13.3	24	74	19	0
	62318	FOUAD (Airport)	360	8	18	02	0	0	—	12.3	23	69	17	0
	62330	DAMIETTA	320	2		00	0	0	—	12.3	25	70	19	0
	62333	PORT SAÏD	350	12	18	02	0	0	—	11.7	26	70	20	0
	62396	EL 'ARISH	320	9	15	03	1	3	Cu	11.0	26	84	23	0
LOWER EGYPT	62339	DAMANHUR	360	5	15	02	0	0	—	12.8	23	64	20	0
	62342	MANŞURA	360	5		00	0	0	—	12.4	24	69	18	0
	62348	TANTA	310	2	35	01	1	3	Cu	12.3	25	65	18	0
	62354	ZAGAZIG	360	2	35	00	0	0	—	12.2	24	69	18	0
	62441	ISMAÎLIA	360	2	7	02	0	0	—	11.6	26	84	18	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMÂZA												
		EZBEKÎYA	20	3	35	00	0	0	—	11.8	25	47	13	0
		GÎZA	20	3	35	00	0	0	—	12.2	27	37	11	0
	62378	HELWÂN	360	10	15	02	0	0	—	11.9	27	33	9	0
UPPER EGYPT	62381	FAIYÛM	360	2	35	02	0	0	—	10.0	27	42	13	0
	62387	MINYA	360	3	10	00	0	0	—	9.9	23	57	14	0
	62393	ASYÛT MANQABÂD												
	62399	NAG' HAMMÂDI	270	2		00	0	0	—	7.1	28	40	13	0
	62402	QENA	270	5	7	00	0	0	—	6.7	30	40	15	0
	62405	LUXOR	00	0	12	00	0	0	—	6.7	31	17	3	0
	62414	ASWÂN	360	6	50	00	0	0	—	6.6	36	15	9	0
OASES	62417	SÎWA	40	4	35	00	0	0	—	13.8	30	59	21	0
	62420	BAHARÎYA	00	0	15	02	0	0	—	11.9	26	42	12	0
	62423	FARAFRA	320	3	15	02	0	0	—	11.8	26	30	7	0
	62432	DAKHLA	320	3	35	00	0	0	—		28	22	4	0
	62435	KHARGA	00	0	15	00	0	0	—	10.4	29	29	9	0
RED SEA	62450	SUEZ	360	8	7	02	0	0	—	10.8	27	37	11	0
	62459	TÛR	310	9	15	00	0	0	—	6.4	28	62	20	0
	62462	HURGHÂDA	310	15		00	0	0	—	5.9	28	58	19	0
	62465	QUSEIR	330	9	15	02	0	0	—	5.4	29	52	18	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 Thursday 1st September

AREA	INDEX NUMBER	STATION	WIND 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	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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.
MEDITERRANEAN	62300	SALÛM	310	6	7	01	0	0	—	14.4		18	27		11		73	13	0		
	62303	SÎDI BARÂNI	320	6	50	03	2	8	Cs	15.0		23	27		15		74	18	0	78	
	62306	MATRÛH	350	3	15	00	0	0	—	14.1		23	28		18		85	16	0		
	62309	EL DABA	320	3	15	01	1	2		13.1		23	27		20		74	18	0		
		ALEXANDRIA	330	10	50	01	1			13.0	+1.1	25	26	-2	23	0	70	19	0	267	186
	62318	FOUAD (Airport)	360	7	18	02	0	1	Cu, Cs	12.4		26	29		21		63	17	0	265	138
	62330	DAMIETTA	340	2	7	02	0	0	—	12.0	+1.1	26	29		19		57	20	0	319	106
	62333	PORT SAÏD	20	8	18	01	1	2	Sc	11.3		27	29		24		70	21	0	72	
	62396	EL 'ARISH	00	0	35	01	0	0	—	11.5	+0.6	26	27	-1	21	+1	79	22	0		74
LOWER EGYPT	62339	DAMANHUR	40	9	7	02	0	0	—	13.0	+1.5	24	32	0	19	-1	74	19	0	102	101
	62342	MANŞURA	360	5	35	00	0	0	—	11.8	+0.4	26	34	0	20	0	70	20	0	49	55
	62348	TANTA	00	0	35	01	1	3	Cu	12.0	+0.2	24	32	-2	14	-5	64	21	0	34	44
	62354	ZAGAZIG	00	0		43	4	8	Sc	12.2	+0.2	21	33	-1	17	-2	88	19	0	21	27
	62441	ISMAÎLIA	290	2	7	01	0	0	—	11.5		24	33		20		74	19	0	14	
CAIRO AREA	62366	FAROUK (Airport)																			
	62372	ALMÂZA																			
		EZBEKÎYA	360	4	15	03	2	7	Sc	12.4	+0.8	22	31	-3	20	-1	89	20	0	8	26
		GÎZA	360	4	15	03	2	7	Sc	12.7	+1.1	22	32	-1	17	-2	87	20	0	16	27
	62378	HELWÂN	360	5	7	00	0	1	St,	11.8	+0.5	23	32	-2	18	-3	74	18	0	16	27
UPPER EGYPT	62381	FAIYÛM	360	5	35	03	0	2	Cu, Sc			24	33	-2	18	-2	69	18	0	8	8
	62387	MINYA	10	11	10	03	0	2	Sc	11.3		22	32		17		74	17	0	5	
	62393	ASYÛT MANQABÂD	330	11	12	00	0	0	—	11.0		23			18		65	16	0	dr.	
	62399	NAG' HAMMÂDI	00	0		00	0	0	—	9.0	-0.3	26	30		20		48	14	0	0	
	62402	QENA	320	5	35	00	0	0	—	8.7	+0.1	25	39	-1	22	-1	47	13	0	dr.	
	62405	LUXOR											38							dr.	
	62414	ASWÂN	00	0	50	00	0	0	—	7.6	-1.3	25	41	+1	24	-1	58	16	0	2	
OASES	62417	SÎWA	320	4	35	00	0	0	—	15.1	+1.6	21	35	-2	16	-3	74	16	0	1	0
	62420	BAHARÎYA	360	8	35	02	1	3	Ac	13.4	+1.2	22	33	-2	19	0	85	19	0	dr.	7
	62423	FARAFRA	360	3	7	02	0	0	—	13.3		22	33		17		83	19	0	dr.	
	62432	DAKHLA	00	0	35	00	0	0	—	11.4	+0.3	26	33	-5	20	-2	32	8	0	dr.	
	62435	KHARGA	360	4	35	00	0	0	—	10.3	+0.3	26	34	-4	22	0	48	14	0	0	
RED SEA	62450	SUEZ	360	3	35	00	0	0	—	11.2	+0.6	24	34	-1	19	-3	74	19	0	12	17
	62459	TÛR	360	5	35	00	0	0	—	6.8	-1.1	24	31	-2	23	-1	54	14	0	dr.	13
	62462	HURGHÂDA	310	19		00	0	0	—	6.6		25	29		24		70	19	0	7	
	62465	QUSEIR	360	19	15	02	0	0	—	7.0	-0.8	29	31	-2	26	0	40	14	0	0	7
	62641	PORT SÛDÂN																		61	13
NORTH SÛDÂN	62600	WÂDI HALFA	360	13	30	00	0	0	—	8.2		28	41		23		27	7	0	27	
	62640	ABU HAMAD	360	13	10	03	1	4	Ci	4.0		34	45		25		16	5	0		
	62660	KAREIMA	20	9	30	02	2	8	Cs	5.2		33	44		29		15	3	0	91	26
	62680	'ATBARA	200	4	35	02	2	6	Ci	6.7		31	43		28		49	19	0	29	65
	62721	KHARTÛM	220	18	30	03	1	8	Cs	7.4		30	39		22		52	19	0	27	146
	62730	KASSALA	180	5	30	02	1	8	Cu, ac	14.6		22	36		21		89	20	dr.	276	268
CENTRAL SÛDÂN	62751	WÂD MEDANI	230	9	50	02	1	8	Ci	9.8		27	35		23		66	20	0	195	336
	62801	RENK	230	2	50	01	1	5	Ci	9.7		25	28		21		84	22	26		430
	62802	ROSEIRES	230	2	35	00	0	0	—	10.4		24	25		21		84	21	1	514	652
	62771	EL OBEID	230	9	30	03	1	7	Ac, Cs	11.1		24	33		21		79	20	0	151	294
	62760	EL FÂSHER	310	3	30	01	1	3	Ac, Ci			23	27		21		84	20	0	176	281
	62770	GENEINA																			496
S. SÛDÂN	62840	MALAKÂL	270	1	30	01	2	5		10.7		25			22		84	22	14	863	897
	62880	WÂU	00	0	30	03	2	7	Sc, Ac	11.5		23	29		20		89	21	dr.	1178	940
	62941	JUBA	00	0		01	6	8	Sc, Cu	13.1		27	—		—		95	21	20	645	857

HUMIDITY % Mean of day

STATION	on 31st.	Diff. from normal
Alexandria	74	+4
Ezbekiya	56	-7
Giza	51	-14
Helwân	52	0

GÎZA GRASS MINIMUM TEMP. ON 1st 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

	AIRPORT						AIRPORT						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					

UPPER WIND OBSERVATIONS on 31st

STATION	Matruh		Fouad A.P.		Port Said		Minya		Harghada	
TIME	15		15		15		15		15	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	170	18	340	13	350	12	10	17	340	
600	160	19	340	17	350	12	10	19	330	
1000	170	20	20	10	350	15	360	22	330	
1500			50	18	20	16	360	14	220	
2000			30	10	310	6	350	17	280	
3000			350	17	260	7				
4000			360	16	270	8				
5000			340	15						
6000										
7000										
8000										

UPPER WIND OBSERVATIONS on 1st.

STATION	SÎDI BARÂNI		MATRÛH		POUAD AIRPORT		PORT SAÏD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA	
TIME	9		3 45		3		3						3		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.
300	320	10	330	11	360	14	10	9					360		330	16			350	17	340	
600	340	6	330	13	10	9	70	5					10		340	11			10	11	330	
1000	10	6	350	13	10	7	50	5					10		350	16			10	11	300	
1500			20	16	350	5	40	5					10		340	10			270	5	270	7
2000			10	22	10	14	40	9					360	11					260	8	260	14
3000			360	13	10	9	350	7					320	8							230	11
4000	40	10			300	16																
5000	350	9			300	10																
6000					300	15																
7000																						
8000																						

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7		4								3 30		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	330	4	360	28	350	15	360	17	10	15														
600	330	4	360	15	360	10	360	22	20	25							190	14					290	5
1000	350	15	360	21	350	26	350	20	10	21							210	23	250	18			260	9
1500	320	15	10	29			310	13	10	10							210	13	220	8			230	8
2000	10	14	10	23					320	7									300	8				
3000	60	11							260	10							50	19	10	23			200	7
4000	40	9							—	—														
5000									300	5														
6000									330	11														
7000																								
8000																								

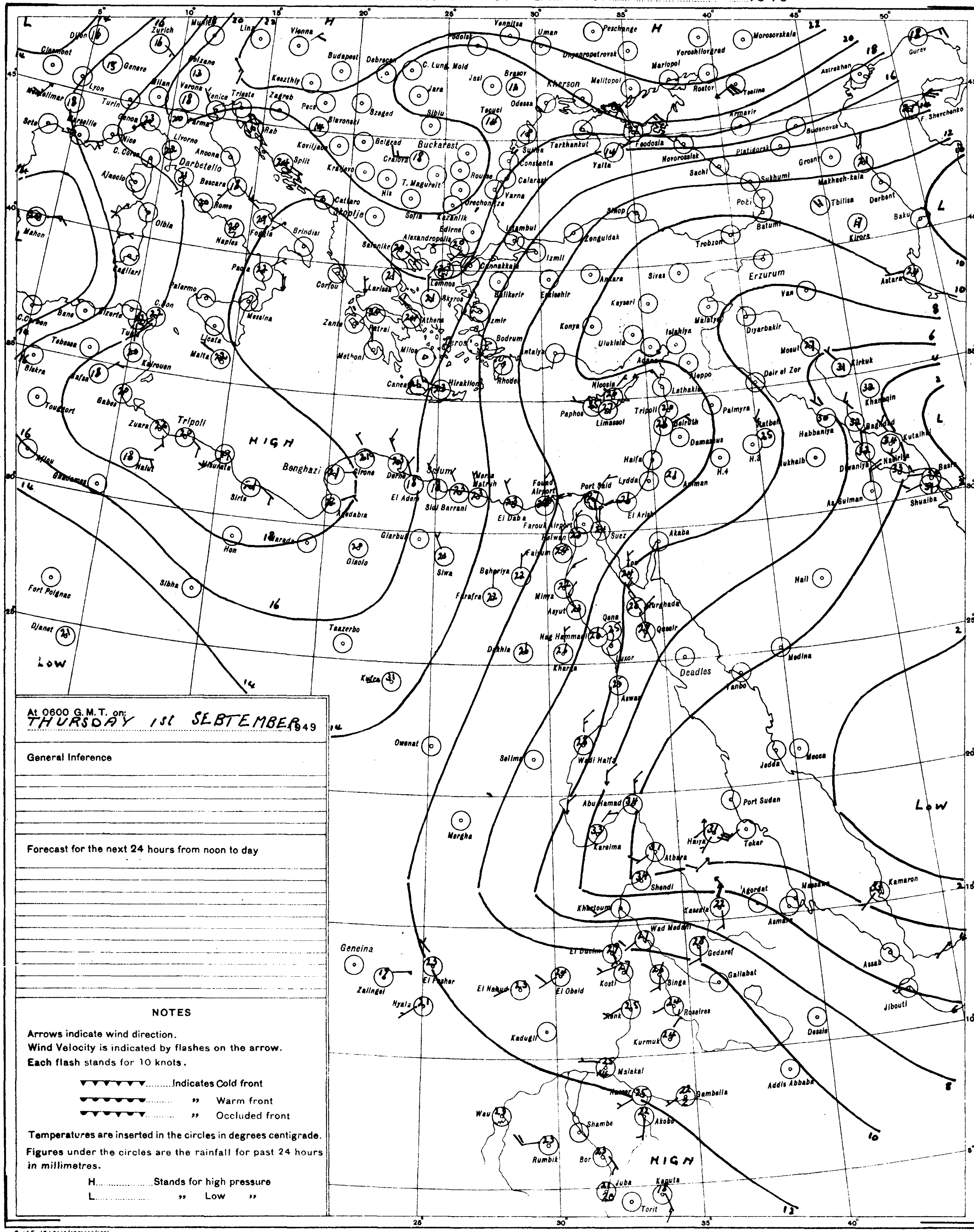
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

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

Form No. 7F.

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



At 0600 G.M.T. on: THURSDAY 1st SEBTEMBER 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	S
,, or sand raised by wind	07	$
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	=
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	≡]
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain } Thunderstorm during	91	
Hail } the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

Cloudless		—	◯
Cirrus	Ci	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 32 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 : Friday 2nd September , 1949

At 1200 on Thurs. 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	360	7	7	02	0	0	—	14.3	26	58	17
	62303	SÎDI BARÂNI	340	9	50	02	2	8	Cs	14.6	25	74	20
	62306	MATRÛH	20	10	18	00	0	0	—	13.6	26	55	16
	62309	EL DABA	320	5	35	00	0	0	—	12.9	25	74	20
		ALEXANDRIA	330	15	50	00	0	0	—	12.0	26	62	18
	62318	FOUAD (Airport)	340	13	18	02	0	0	—	11.8	28	58	19
	62330	DAMIETTA	340	2	15	00	0	0	—	11.5	28	52	17
	62333	PORT SA'ÎD	360	7	30	02	0	0	—	11.2	29	55	19
	62336	EL 'ARISH	320	5	35	02	0	0	—	11.4	28	70	22
LOWER EGYPT	62339	DAMANHUR	270	9	15	02	1	2	Cu	12.2	30	52	19
	62342	MANSURA	360	9	35	00	0	0	—	11.1	32	28	11
	62348	TANTA	310	8	35	01	1	3	Cu	11.6	32	38	16
	62354	ZAGAZIG	320	6	35	00	1	0	—	9.3	32	34	14
	62441	ISMA'ÎLIA	40	2	35	02	0	0	—	9.9	32	28	11
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMÂZA											
		EZBEKÎYA	320	8	35	00	0	0	—	10.3	31	34	14
		GÎZA	320	8	35	00	0	0	—	11.0	30	34	13
	62378	HELWÂN	340	12	15	02	0	0	—	10.0	31	22	7
UPPER EGYPT	62381	FAIYÛM	360	8	35	01	0	0	—	9.8	32	20	6
	62387	MINYA	30	14	12	00	0	0	—	9.9	31	31	12
	62393	ASYÛT MANQABÂD	320	16	30	00	0	0	—	8.5	32	22	8
	62399	NAG' HAMMÂDI	290	3	50	00	0	0	—	6.6	33	36	13
	62402	QENA	240	5	50	00	0	0	—	5.9	37	27	15
	62405	LUXOR											
	62414	ASWÂN	360	1	50	00	0	0	—	5.1	40	16	10
OASES	62417	SÎWA	00	0	35	00	0	0	—	15.1	32	56	22
	62420	BAHARÎYA	360	5	35	02	1	0	—	11.2	31	31	12
	62423	FARAFRA	360	4	35	02	0	0	—	11.6	31	28	10
	62432	DAKHLA	320	6	50	00	0	0	—	8.4	32	20	6
	62435	KHARGA	360	1	35	00	0	0	—	8.7	33	24	10
RED SEA	62450	SUEZ	360	11	35	02	0	0	—	6.6	32	28	11
	62459	TÛR	310	16	35	00	0	0	—	5.8	29	66	22
	62462	HURGHÂDA	330	17		00	0	0	—	5.0	28	70	22
	62465	QUSEIR	360	9	15	02	0	0	—	5.3	29	59	20
	62641	PORT SÛDÂN	30	6	30	03	2	7	Cu,Ac	2.9	35	59	26
NORTH SÛDÂN	62600	WÂDI HALFA											
	62640	ABU HAMAD	130	2	30	03	1	1	Cu,Cc	1.3	43	16	12
	62660	KAREIMA	80	1	30	00	2	1	Cc	1.5	41	16	10
	62680	'ATBARA	250	2	30	02	2	8	Cs	2.5	40	23	15
	62721	KHARTÛM	230	14	30	02	2	7	Cs	3.7	37	25	14
	62730	KASSALA											
CENTRAL SÛDÂN	62751	WÂD MEDANI	180	13	35	02	1	8	Cc	4.6	35	37	18
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	270	5	30	03	1	7	Cu,Ac	4.9	34	34	16
	62760	EL FÂSHER											
	62770	GENEINA											
S. SÛDÂN	62840	MALAKÂL	180	11	7	61	2	7	Cb	7.9	29	66	22
	62880	WÂU	00	0	30	03	2	7	Sc,Ac	7.2	31	55	21
	62941	JUBA	360	2	30	02	8	7	Sc,Ac	9.2	27	70	21

At 1800 on Thurs. 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	360	5	7	02	0	0	—	15.3	25	61	17	0
62303	SÎDI BARÂNI	60	3	35	01	1	3		13.0	22	84	19	0
62306	MATRÛH	20	8	12	00	0	0	—	13.4	23	65	16	0
62309	EL DABA	320	4	15	00	0	0	—	12.4	24	74	19	0
	ALEXANDRIA	360	11	7	00	0	0	—	12.3	24	74	19	0
62318	FOUAD (Airport)	340	10	14	02	0	0	—	16.0	23	74	18	0
62330	DAMIETTA	340	2		02	0	0	—	11.6	24	74	19	0
62333	PORT SA'ÎD	360	11	18	02	0	0	—	11.3	26	70	20	0
62336	EL 'ARISH	340	13	15	03	0	1	Cu	10.8	25	94	24	0
62339	DAMANHUR	360	5	7	02	0	0	—	12.6	23	78	19	0
62342	MANSURA	360	5		00	0	0	—	11.6	23	74	18	0
62348	TANTA	00	0	35	02	1	0	—	11.9	24	69	18	0
62354	ZAGAZIG	360	2	35	00	0	0	—	11.4	23	74	18	0
62441	ISMA'ÎLIA	360	5	35	02	0	0	—	11.0	25	61	17	0
62366	FAROUK (Airport)												
62372	ALMÂZA												
	EZBEKÎYA	340	3	15	00	0	0	—	11.1	25	51	14	0
	GÎZA	340	3	15	00	0	0	—	11.6	25	50	14	0
62378	HELWÂN	340	11	15	02	1	0	—	10.8	27	37	11	0
62381	FAIYÛM	00	0	35	00	0	0	—	9.8	27	42	13	0
62387	MINYA	60	0	10	00	0	0	—	9.1	24	47	12	0
62393	ASYÛT MANQABÂD												
62399	NAG' HAMMÂDI	320	3		00	0	0	—	8.0	22	57	13	0
62402	QENA	240	5	7	00	0	0	—	7.0	28	45	15	0
62405	LUXOR	290	5	12	00	0	0	—	6.1	31	17	3	0
62414	ASWÂN												
62417	SÎWA	00	0	35	00	0	0	—	13.4	20	78	16	0
62420	BAHARÎYA	00	0	15	02	0	0	—	11.6	27	33	9	0
62423	FARAFRA	360	3	15	02	0	0	—	11.4	25	28	5	0
62432	DAKHLA	320	3	35	00	0	0	—	10.1	27	27	6	0
62435	KHARGA	00	0	15	00	0	0	—	9.3	28	27	7	0
62450	SUEZ	360	13	7	02	0	0	—	10.6	27	37	11	0
62459	TÛR	310	4	15	00	0	0	—	5.0	28	62	20	0
62462	HURGHÂDA	290	11		00	0	0	—	5.0	26	70	20	0
62465	QUSEIR	360	9	15	02	0	0	—	5.3	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 Friday 2nd September

INDEX NUMBER	STATION	WIND 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	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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.
62300	SALÛM	320	9	7	02	0	0	—	13.1		22	27		15		47	10	0		
62303	SÎDI BARÂNI	50	4	50	07	0	2		13.4		24	20		15		69	18	0	278	
62306	MATRÛH	340	3	8	00	0	0	—	12.6		24	27		16		69	18	0		
62309	EL DABA	320	3	35	00	0	0	—	11.8		24	26		20		74	19	0		
	ALEXANDRIA	330	5	50	01	1		Sc,Cu,Ac	11.2	+0.9	25	26	-2	22	-1	74	20	0	267	186
62318	FOUAD (Airport)	340	7	18	02	0	2	Sc	11.4		25	28		18		70	19	0	265	138
62330	DAMIETTA	340	2	7	02	0	0	—	10.8	-0.2	25	27		15		74	20	0	319	106
62333	PORT SA'ÎD	340	7	18	02	0	0	—	10.2		25	30		24		74	20	0	72	
62336	EL 'ARISH	00	0	35	02	0	1	Cu			26	27	-1	19	-1	74	21	0		94
62339	DAMANHUR	270	5	15	02	0	0	—	11.5	-0.1	22	32	0	17	-3	94	21	0	102	101
62342	MANSURA	220	5	35	00	0	0	—	10.8	-0.7	25	33	-1	17	-3	70	19	0	49	55
62348	TANTA	310	5	35	02	0	0	—	10.7	-1.2	24	33	-1	13	-6	84	21	0	34	44
62354	ZAGAZIG	220	2	15	00	0	0	—	10.8	-1.4	24	33	-1	16	-3	74	19	0	21	27
62441	ISMA'ÎLIA	290	2	35	02	0	0	—	10.4		25	33		19		70	19	0	14	
62366	FAROUK (Airport)																			
62372	ALMÂZA																			
	EZBEKÎYA	340	5	15	01	1	3	Sc	11.2	-0.5	23	31	-2	17	-2	84	20	0	6	26
	GÎZA	340	5	15	01	1	3	Sc	11.8	+0.1	22	31	-2	18	-1	84	19	0	16	27
62378	HELWÂN	360	5	7	01	1	2	St	10.8	-0.6	22	32	-2	18	-3	50	17	0	16	29
62381	FAIYÛM	360	5	35	03	0	1	Cu,Sc	10.8	-0.7	22	32	-3	18	-2	84	19	0	8	8
62387	MINYA	10	13	10	00	0	0	—	10.2		22	32		18		69	16	0	5	
62393	ASYÛT MANQABÂD	330	10	12	00	0	0	—	9.7		23			18		53	13	0	dr.	
62399	NAG' HAMMÂDI	290	1		00	0	0	—	8.3	-1.0	25	35		19		61	17	0	0	
62402	QENA	290	5	35	00	0	0	—	7.9	-0.8	25	38	-2	22	-1	54	15	0	dr.	
62405	LUXOR											39							dr.	
62414	ASWÂN	00	0	50	00	0	0	—	7.8	-0.7	28			24		49	16	0	2	
62417	SÎWA	00	0	35	00	0	0	—	14.2	+0.6	20	33	-4	14	-5	56	11	0	1	8
62420	BAHARÎYA	360	5	35	02	1	3	Ac	12.4	+0.1	21	33	-2	18	-1	84	18	0	dr.	7
62423	FARAFRA	360	3	15	02	0	0	—	12.0		22	33		17		74	17	0	dr.	
62432	DAKHLA	320	8	35	00	0	0	—	10.6	-0.6	23	34	-4	19	-3	38	8	0	dr.	
62435	KHARGA	360	6	35	00	0	0	—	9.9	-0.2	26	35	-3	19	-3	48	14	0	0	
62450	SUEZ	360	5	35	00	0	6	—	10.4	-0.3	24	33	-2	20	-2	74	19	0	12	17
62459	TÛR	310	8	35	00	0	0	—	6.6	-1.4	27	32	-1	23	-1	62	19	0	dr.	13
62462	HURGHÂDA	320	18		00	0	0	—	5.8		25	28		22		65	18	0	7	
62465	QUSEIR	360	9	15	02	0	0	—	6.3	-1.7	29	30	-3	24	-2	40	14	0	0	4
62641	PORT SÛDÂN	250	5	30	03	2	7	Ac,Cc	5.0		35	38		27		47	22	0	61	106
62600	WÂDI HALFA	340	8	30	03	0	2	Ac	8.5		27	40		23		33	9	0	27	
62640	ABU HAMAD	20	5	30	01	2	2	Cs	5.1		35	44		32		13	3	0		
62660	KAREIMA	180	16		07	2	8	Ac,Cs	5.7		32	43		30		28	11	0	91	26
62680	'ATBARA	230	8	30	02	1	8	Ac,Cs	7.3		30	40		27		52	19	0	29	65
62721	KHARTÛM	220	14	30	03	9	8	Ac	9.1		24	38		19		79	20	4	31	146
62730	KASSALA	180	9	30	02	1	8	Cs	8.1		24	37		20		74	19	35	311	270
62751	WÂD MEDANI	130	5	50	02	9	8	Ac	9.6		23	36		20		44	10	32	223	339
62801	RENK	230	9	50	01	1	5	Cc	10.1		25	31		21		84	22	0		434
62802	ROSEIRES	90	2	3	03	6	8	Ns,Fc	10.8		22	31		21		69	21	3	517	659
62771	EL OBEID	70	18	10	63	6	8	St	15.2		19	34		19		68	18	1	162	298
62760	EL FÂSHER	00	0	30	02	1	7	Ac			23	30		21		84	20	0	176	285
62770	GENEINA	250	1	30	01	1	4	Ac			23	31		20		89	21	0		503
62840	MALAKÂL	00	0	30	03	2	6	Ac,Cc	10.9		25	32		21		79	21	7	870	703
62880	WÂU	190	3	30	80	1	7	Sc	10.2		23	32		21		94	22	18	1136	946
62941	JUBA	00	0	4	42	4	8	Sc,Ac	11.3		22	28		20		94	21	Rain	665	860

HUMIDITY

Mean of day

STATION	on 1st	Diff. from normal
Alexandria	71	+1
Ezbekiya	64	+1
Gîza	63	-2
Helwân	49	-3

GÎZA
GRASS MINIMUM TEMP
ON 2nd 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

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	Matruh		Fouad A.P.		Port Said		Minya		Hurghada									
TIME	14 30		15		15		15		15									
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	330	22	340	21	350	13	10		340									
600	230	15	340	13	330	11	10		340									
1000	340	18	10	13	330	7	360		350	20								
1500	350	10	350	7	70	3	360		290	19								
2000	350	11	350	11	70	5			240	10								
3000			320	10	250	10			260	23								
4000			320	17														
5000			310	9														
6000			270	13														
7000																		
8000																		

UPPER WIND OBSERVATIONS on 2nd

STATION	SÎDI BARÂNI		MATRÛH		ROUAD AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		
TIME	9		3		3		3						3 15		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	320	7	320	11	340	10	340	5					10	20	320	13					340	26		
600	340	4	340	15	350	9	360	9					10	30	320	14					310	19		
1000	310	2	360	14	360	7	10	9					360	25	350	16					300	20		
1500	320	8	30	7	340	9	10	8					360	22	360	16					330	12		
2000	360	10	350	9			30	3					360	16	350	12					260	18		
3000	300	9	320	12			290	3							290	6					230	37		
4000	280	9					260	7																
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7										4		3 45		4 15		4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	300	5	360	10	340	10	360	16																
600	300	6	20	10	350	9	360	21									200	12					180	5
1000	300	11	30	19	350	20	360	19									220	13	160	9	50	15	220	8
1500	320	19	20	21	340	29	340	6									260	10	10	1	30	9	210	11
2000	310	7					320	3									330	10						
3000	310	3																						
4000	320	3																						
5000	250	8																						
6000																								
7000																								
8000																								

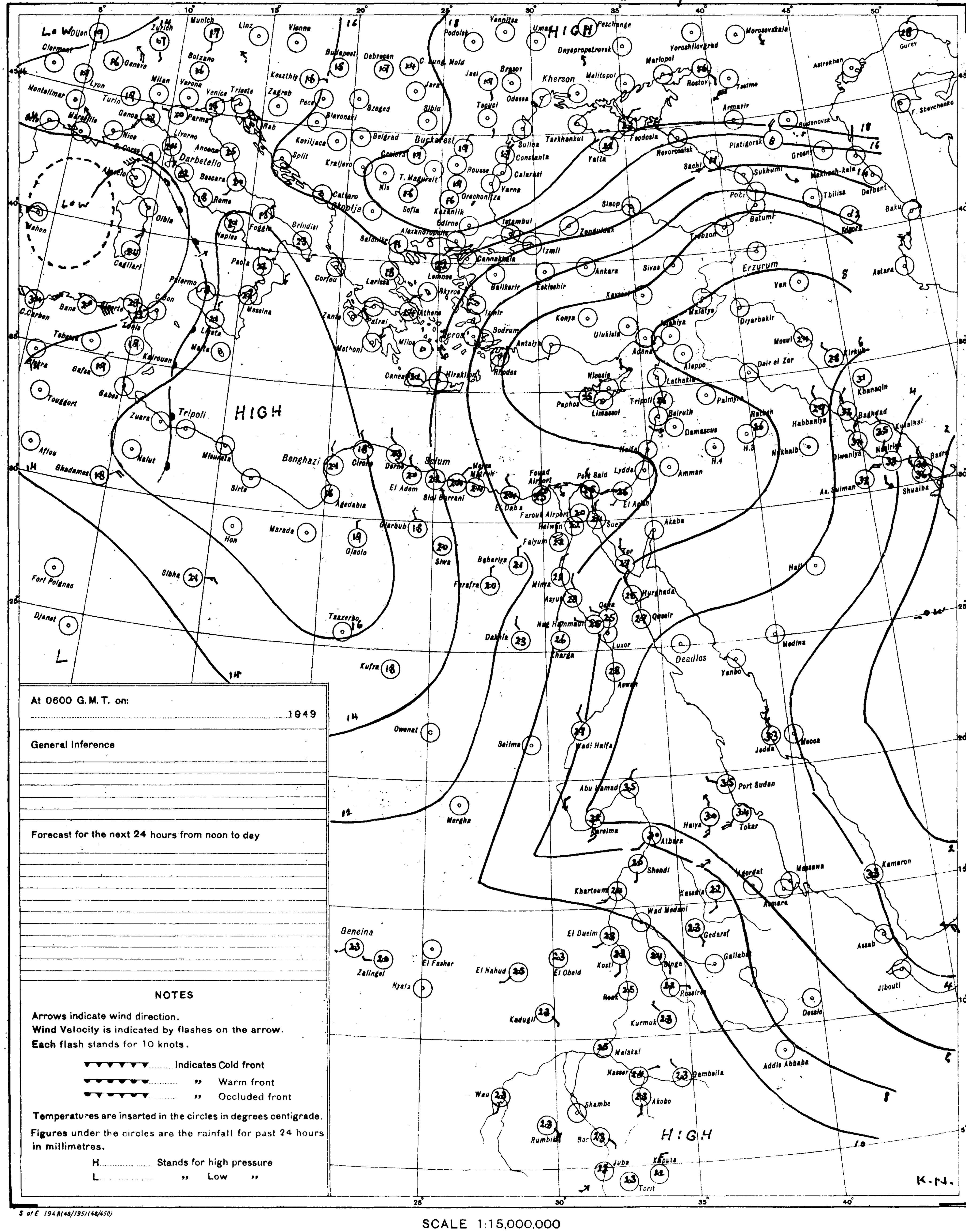
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 2nd September 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	S
	,, or sand raised by wind	07	$
	Dust devil	08	
	Duststorm or sandstorm within sight or at station during last hour	09	
	Mist	10	═
	Shallow fog	12	
	Lightning, no thunder heard	13	
	Precipitation within sight	16	(•)
	Thunder, no precipitation	17	
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,]
	Rain	21	•]
	Showers of rain	25	
	,, ,, hail	27	
	Fog	28	
	Thunderstorm	29	
	Duststorm or Sandstorm	31	
	Fog	45	≡
	Drizzle	50	,
	Rain	60	•
	Showers of rain	80	
	,, ,, hail	87	
	Rain } Thunderstorm during	91	
	Hail } the past hour	93	
	Thunderstorm with rain	95	
	,, ,, hail	96	
	,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

Cloudless		—	○
Cirrus	Ci	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)

CAIRO
Time of Sunrise 03 33 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 : Saturday 3rd September, , 1949

At 1200 on Fri. 2nd Sep.

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	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	8	7	02	0	0	—	12.4	28	58	19
	62303	SÎDI BARÂNI	20	8	50	02	0	0	—	13.0?	26	62	18
	62306	MATRÛH	20	9		00	0	0	—	12.5	26	58	17
	62309	EL DABA	290	5	50	00	0	0	—	12.2	26	74	21
		ALEXANDRIA	310	16	50	00	0	0	—	11.0	27	62	19
	62318	FOUAD (Airport)	340	13	18	02	0	0	—	10.9	28	62	20
	62330	DAMIETTA	320	3	15	03	0	1	ac	10.4	27	70	21
	62333	PORT SA'ÎD	350	5	30	02	0	1	Sc	9.9	27	70	21
	62336	EL 'ARISH	320	5	35	02	0	0	—		28	70	22
LOWER EGYPT	62339	DAMANHUR	360	9	15	02	0	0	—	11.2	29	55	19
	62342	MANSURA	20	13	35	00	0	0	—	9.8	32	38	16
	62348	TANTA	310	13	35	01	1	4	Cu	10.3	31	41	16
	62354	ZAGAZIG	220	2	35	00	0	0	—	9.4	32	36	15
	62441	ISMA'ILIA	20	5	35	02	0	0	—	10.0			
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMAZA											
		EZBEKÎYA	360	9	35	00	0	0	—	9.1	31	38	15
		GÎZA	360	9	35	00	0	0	—	9.8	31	38	15
	62378	HELWÂN	340	11	15	02	0	0	—	8.8	31	31	12
UPPER EGYPT	62381	FAIYÛM	360	8	35	01	0	0	—	8.8	32	28	11
	62387	MINYA	10	15	12	00	0	0	—	8.5	31	31	12
	62393	ASYÛT MANQABÂD	310	14	30	00	0	0	—	7.7	31	24	8
	62399	NAG' HAMMÂDI	290	3	7	00	0	0	—	6.7	33	24	10
	62402	QENA	240	5	50	00	0	0	—	5.9	36	33	17
	62405	LUXOR											
	62414	ASWÂN	00	0	50	00	0	0	—	5.1	39	21	13
OASES	62417	SÎWA	230	5	35	00	0	0	—	13.6	32	56	22
	62420	BAHARÎYA	360	3	35	02	1	0	—	11.1	32	28	11
	62423	FARAFRA	360	4	35	02	0	0	—	10.8	33	21	8
	62432	DAKHLA	320	11	50	00	0	0	—	9.2	32	15	2
	62435	KHARGA	360	2	35	00	0	0	—	7.5	33	21	8
RED SEA	62450	SUEZ	360	12	35	02	0	0	—	8.4	31	28	10
	62459	TÛR	310	11	35	00	0	0	—	6.3	28	70	22
	62462	HURGHÂDA	350	14		00	0	0	—	4.2	27	84	24
	62465	QUSEIR	360	9	15	02	0	0	—	4.7	30	59	21
	62641	PORT SÛDÂN	40	11	30	03	1	1	Cu	2.0	39	36	21
NORTH SÛDÂN	62600	WÂDI HALFA	350	18	30	03	0	2	Ci	5.3	37	20	11
	62640	ABU HAMAD	270	2	30	03	0	4		2.0	42	14	9
	62660	KAREIMA	200	4	30	01	8	6	Ac,Cu	2.9	39	16	9
	62680	'ATBARA	230	9	10	03	2	8	Ac,Cs	3.5	39	24	15
	62721	KHARTÛM	180	8	30	03	2	8	Ac,Ci	5.4	33	36	16
	62730	KASSALA	180	2	30	01	1	1	Cu	5.8	31	55	21
CENTRAL SÛDÂN	62751	WÂD MEDANI	160	9	50		1	8	Ac	6.0	30	59	21
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID											
	62760	EL FÂSHER	90	5	30	02	1	8	Cu,Ac		31	38	15
	62770	GENEINA	130	2	30	01	0	3	Ac		32	31	13
S. SÛDÂN	62840	MALAKÂL	330	2	30	02	2	6	Cu,Ac	8.2	29	66	22
	62880	WÂU	210	2	30	25	8	7	Cb,Ac	6.4	29	66	22
	62941	JUBA	50	2	30	02	1	6	Cu,Ci	6.9	30	66	23

At 1800 on Fri. 2nd Sep.

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST 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	02	0	0	—	12.0	26	55	16	0
62303	SÎDI BARÂNI	340	3	35	02	0	0	—	12.7	23	84	20	0
62306	MATRÛH	80	3	13	00	0	0	—	12.1	23	69	17	*
62309	EL DABA	320	2	35	00	0	0	—	12.4	23	84	20	0
	ALEXANDRIA	360	11	7	00	0	0	—	12.0	24	69	18	0
62318	FOUAD (Airport)												
62330	DAMIETTA	320	5		00	0	0	—	10.7	24	74	19	0
62333	PORT SA'ÎD	350	10	14	02	0	0	—	10.3	25	74	20	0
62336	EL 'ARISH	320	9	15	03	1	1	Cu	9.7	26	84	23	0
62339	DAMANHUR	360	5	15	02	0	0	—	11.5	23	84	20	0
62342	MANSURA	360	5		00	0	0	—	11.2	23	74	18	0
62348	TANTA	00	0	35	02	1	0	—	12.2?	23	74	18	0
62354	ZAGAZIG	360	2	35	00	0	0	—	10.4	24	74	19	0
62441	ISMA'ILIA	290	2	35	02	0	0	—	10.4				0
62366	FAROUK (Airport)												
62372	ALMAZA	360	12	15	00	0	0	—	10.3	27	42	13	0
	EZBEKÎYA	340	4	15	00	0	0	—	10.4	26	55	16	0
	GÎZA	340	4	15	00	0	0	—	11.0?	26	53	16	0
62378	HELWÂN	340	11	15	02	0	0	—	10.0	27	42	13	0
62381	FAIYÛM	00	0	35	01	0	0	—	9.0	28	45	15	0
62387	MINYA	360	1	10	00	0	0	—	9.2	24	54	14	0
62393	ASYÛT MANQABÂD												
62399	NAG' HAMMÂDI	00	0		00	0	0	—	6.3	28	40	13	0
62402	QENA	270	5	7	00	0	0	—	6.4	28	49	16	0
62405	LUXOR	00	0	12	00	0	0	—	6.4	30	25	8	0
62414	ASWÂN	360	4	50	00	0	0	—	6.0	36	20	10	0
62417	SÎWA	00	0	35	00	0	0	—	14.0	30	59	21	0
62420	BAHARÎYA	360	2	15	02	0	0	—	10.6	28	33	10	0
62423	FARAFRA	340	4	15	02	0	0	—	12.4	26	30	7	0
62432	DAKHLA	320	8	35	00	0	0	—	9.0	27	20	2	0
62435	KHARGA	360	1	15	00	0	0	—	8.6	28	29	8	0
62450	SUEZ	360	5	35	02	0	0	—	9.9	27	37	11	0
62459	TÛR	310	5	15	00	0	0	—	4.9?	27	70	21	0
62462	HURGHÂDA	300	13		00	0	0	—	4.6?	28	58	19	0
62465	QUSEIR	330	5	15	02	0	0	—	4.7?	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 Saturday 3rd September,

INDEX NUMBER	STATION	WIND 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	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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.
62300	SALUM	320	4	7	02	0	0	—	12.4		23	29		17		74	18	0		
62303	SÎDI BARÂNI	290	5	50	03	1	8	Cs	12.8		24	27		16		74	19	0	278	
62306	MATRÛH	320	3	14	02	1	3	Sc.	11.9		22	27		17		74	17	0		
62309	EL DABA	320	3	15	01	1	3		11.4		24	28				79	20	0		
	ALEXANDRIA	330	16	50	01	1		Ac	11.1	-1.1	24	28	-2	22	-1	61	16	0	267	186
62318	FOUAD (Airport)	340	10	18	02	0	0	—	11.0		25			21		61	17	0	265	138
62330	DAMIETTA	320	2	7	03	1	3	Ac	11.0	-0.2	25	28		15?		70	19	0	319	106
62333	PORT SA'ÎD	50	1	18	03	0	2	Sc	10.5		25	29		23		65	18	0	72	
62336	EL 'ARISH	220	2	35	02	0	1	Cu	9.5	-1.7	26	29	-1	20	0	84	25	0		94
62339	DAMANHUR	40	5	7	02	0	0	—	11.4	-0.4	24	31	-1	17	-3	71	19	0	102	101
62342	MANSURA	360	5	35	00	0	0	—	10.8	-0.8	25	33	-1	18	-2	70	19	0	49	55
62348	TANTA	00	0	35	02	0	0	—	10.7	-1.3	21	32	-2	13	-6	88	19	0	34	44
62354	ZAGAZIG	220	2	15	00	0	0	—	10.6	-1.7	23	34	0	19	0	84	20	0	21	27
62441	ISMA'ILIA	290	2	35	02	1	3	Ac	10.7		24					84	21	0	14	
62366	FAROUK (Airport)																			
62372	ALMAZA	20	4	12	03	0	4	Sc	10.9		22	31		18		78	18	0		
	EZBEKÎYA	360	6	15	02	1	5	Sc	11.2	-0.6	23	32	-1	19	-2	74	18	0	8	26
	GÎZA	360	6	15	02	1	5	Sc	11.5	-0.3	22	32	-1	18	-1	79	18	0	16	27
62378	HELWÂN	360	5	7	00	1	2	Cu	11.2	-0.3	22	32	-2	19	-2	74	17	0	16	29
62381	FAIYÛM	360	8	35	03	0	2	Cu, Sc	11.2	-0.4	23	33	-2	18	-2	74	18	0	8	8
62387	MINYA	20	11	10	01	0	1	Sc	10.7		22	32		17		74	17	0	5	
62393	ASYÛT MANQABÂD	330	11	12	00	0	0	—	10.2		22			19		69	16	0	dr.	
62399	NAG' HAMMÂDI	270	2		00	0	0	—	8.4	-1.0	26	35		17		48	14	0	0	
62402	QENA	270	5	35	00	0	0	—	8.0	-0.8	25	37	-3	21	-2	47	13	0	dr.	
62405	LUXOR											36							dr.	
62414	ASWÂN	00	0	50	00	0	0	—	7.0	-1.6	28	40	0	22	-3	27	7	0	2	
62417	SÎWA	00	0	35	00	0	0	—	13.6	-0.2	23	34	-2	14	-5	65	16	0	1	8
62420	BAHARÎYA	360	2	35	02	0	0	—	12.0	-0.4	21	33	-2	16	-3	83	18	0	dr.	7
62423	FARAFRA	00	0	35	02	0	0	—	12.3		24	34		16		47	12	0	dr.	
62432	DAKHLA	320	9	35	00	0	0	—	10.6	-0.7	24	34	-4	18	-4	32	6	0	dr.	
62435	KHARGA	40	4	35	00	0	0	—	9.8	-0.4	28	34	-4	20	-2	52	17	0	0	
62450	SUEZ	360	6	35	00	0	0	—	11.0	+0.2	23	35	0	20	-2	84	20	0	12	17
62459	TÛR	310	8	35	00	0	0	—	6.6	-1.5	25	31	-2	23	-1	70	19	0	dr.	13
62462	HURGHADA	320	17		00	0	0	—	5.8		25	28		21		70	19	0	7	
62465	QUSEIR	360	13	15	02	0	0	—	5.3	-2.6	29	30	-3	24	-2	46	16	0	0	4
62641	PORT SÛDÂN	340	1	10	00	0	0	—	4.7		34	39		30		56	24	0	61	106
62600	WÂDI HALFA	360	10	30	02	0	2	Ci	8.1		27	38		22		33	9	0	27	
62640	ABU HAMAD																			
62660	KAREIMA	00	0	30	02	2	7	Ce	6.3		31	40		27		24	8	dr.	91	26
62680	'ATBARA	250	9	30	02	2	8	Cs	6.3		31	39		28		46	18	0	29	65
62721	KHARTÛM	210	1	30	03	1	7	Ci, Cs	7.1		28	34		25		66	21	0	31	147
62730	KASSALA	200	5	18	01	1	0	—	8.9		25	32		22		79	21	0	311	272
62751	WÂD MEDANI	230	5	50	02	1	6	Ac	9.0		25	31		23		84	22	0	225	342
62801	RENK																	0		437
62802	ROSEIRES	180	2		03	1	8	Fs,Fc	9.3		24	31		23		94	23	0	517	667
62771	EL OBEID	230	6	30	25	1	7	Ac	9.8		25	31		23		79	21	6	168	301
62760	EL FÂSHER	100	2	30	02	8	7	Ac			24	33		22		74	19	dr.	176	288
62770	GENEINA	240	3	30	02	1	7	Cu,Sc			23	34		21		84	20	0		509
62840	MALAKÂL	270	1	30	02	2	5	Sc,Ac	10.3		26	32		22		79	22	0	870	709
62880	WÂU	50	1	30	03	2	8	Sc,	10.8		21	30		21		95	21	3	1139	952
62941	JUBA	180	5	30	15	6	8	As,Ac	12.5		21	31		20		95	21	5	670	864

HUMIDITY % Mean of day

STATION	on 2nd	Diff. from normal
Alexandria	68	-2
Ezbekîya	64	+1
Gîza	63	-2
Helwân	56	+3

GÎZA GRASS MINIMUM TEMP. ON 3rd 11.7 °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

PRESSURE mbs.	AIRPORT On ..... At ..... HEIGHT ABOVE M.S.L. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.	AIRPORT On ..... At ..... HEIGHT ABOVE M.S.L. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.	AIRPORT On ..... At ..... 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 TIME 15				Port Said 15				Minya 15				Harghada 15							
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	330	15			340	10			360	22			320	27						
600	330	16			330	12			360	28			330	19						
1000	310	16			340	11			360	23			310	17						
1500	310	10			340	10			340	25			280	15						
2000	330	17			310	8			360	22			260	21						
3000	300	14			290	9							290	16						
4000	230	13											230	8						
5000	270	16											260	19						
6000																				
7000																				
8000																				

UPPER WIND OBSERVATIONS on 3rd

STATION	SÎDI BARÂNI TIME 9		MATRÛH 4		POUAD AIRPORT 9		PORT SA'ÎD 3		EL 'ARÎSH		HELWÂN		MINYA 3		ASYÛT MANQABÂD 9		LUXOR		ASWÂN 5		HURGHADA 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	8	330	8	320	10	330	8					360	20	330	23			10	4	360			
600	320	6	10	12	320	16	350	7					10	26	330	21			360	17	320	25		
1000	290	4	340	15	330	10	340	5					10	22	340	18			320	10	290	16		
1500	270	4			330	15	350	8					340	27	360	16			200	9	150	11		
2000	310	9			330	13	360	3											240	9	180	3		
3000					290	16															280	10		
4000					280	10																		
5000					250	27																		
6000																								
7000																								
8000																								

STATION	SÎWA TIME 9		BAHARÎYA 9		DAKHLA 9		KHARGA 7		WÂDI HALFA 4		ABÛ ḤAMAD		KAREIMA		KHARTÛM		KASSALA 4		EL OBEID		EL FÂSHER 4 45		MALAKÂL	
HEIGHT m.	DIR.	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	10	350	10	350	18	10	9																
600	300	10	340	11	340	16	360	9	20	24							190	14						
1000	320	13	340	23	350		350		360	19							230	15			200	11		
1500	330	10	340	30					290	9							270	8			70	10		
2000	300	3	340	24																				
3000	300	2							250	7							60	20						
4000																								
5000																								
6000																								
7000																								
8000																								

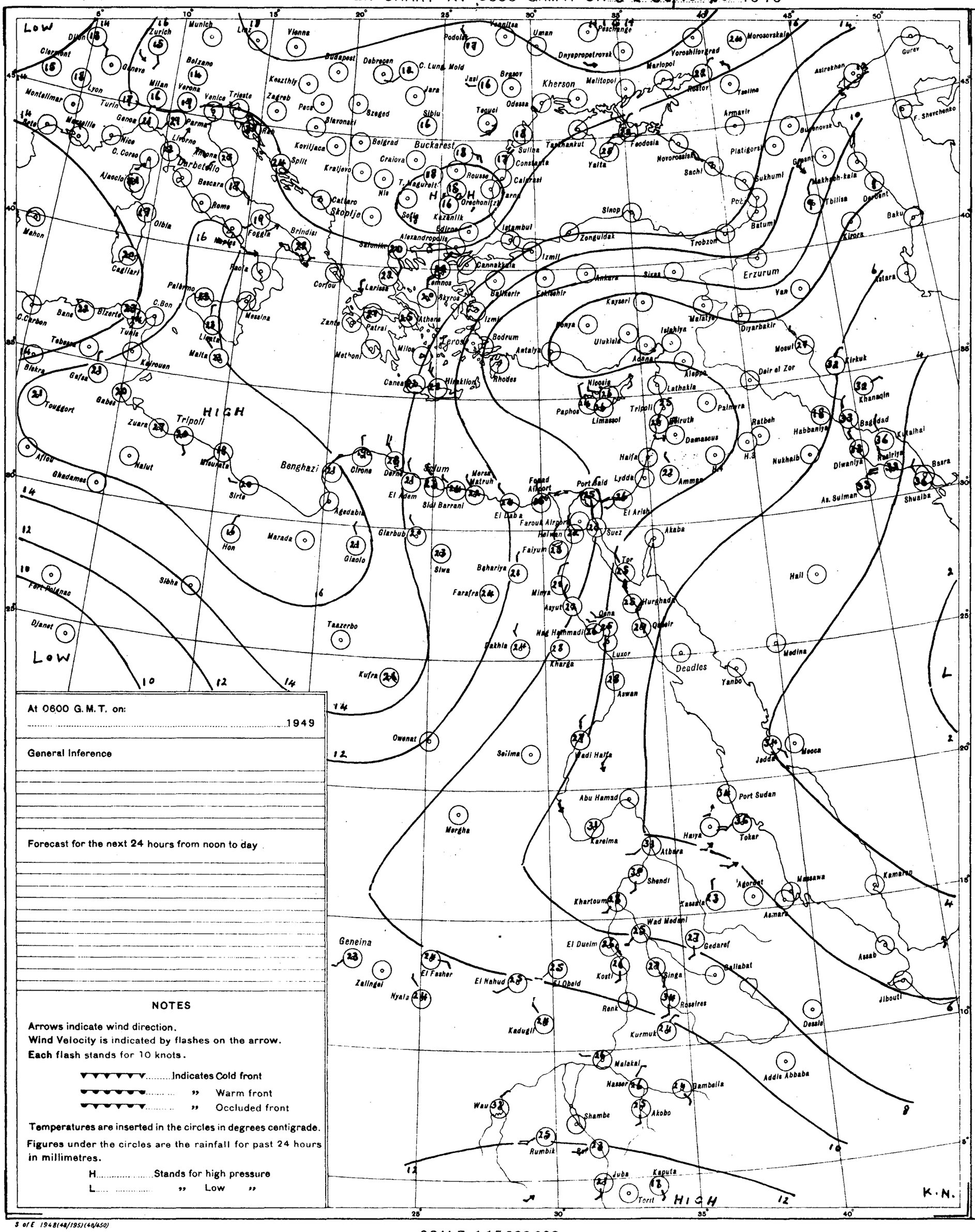
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 3rd September 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 "

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

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

CAIRO

Time of Sunrise 03 33 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 4th September, 1949

At 1200 on Satur. 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	40	15	7	02	0	0	—	11.9	27	62	19
	62303	SÎDI BARÂNI	320	6	50	02	2	3	Cs	12.6	26	70	20
	62306	MATRÛH	60	7		00	0	0	—	12.2	20	58	17
	62309	EL DABÂ	320	5	35	00	0	0	—	11.4	26	37	20
		ALEXANDRIA	330	19	50	03	2	4	Cu,Sc	11.0	26	62	18
	62318	FOUAD (Airport)	340	16	18	02	0	0	—	10.8	27	55	17
	62330	DAMIETTA	360	2	15	00	0	0	—	10.7	27	33	9
	62333	PORT SA'ÎD	360	6	30	02	0	0	—	9.9	27	62	19
	62336	EL 'ARISH	320	19	35	01	0	0	—	9.5	27	74	26
LOWER EGYPT	62339	DAMANHUR	40	13	15	02	0	0	—	11.0	28	58	19
	62342	MANSURA	320	9	35	00	0	0	—	10.2	31	48	17
	62348	TANTA	310	13	35	02	0	0	—	11.0	30	40	15
	62354	ZAGAZIG	40	5	35	00	0	0	—	9.5	31	49	19
	62441	ISMAÎLIA	290	2	35	02	0	0	—	9.0	33	23	9
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMÂZA											
		EZBEKÎYA	290	3	35	00	0	0	—	9.9?	30	46	17
		GÎZA	290	3	35	00	0	0	—	10.6?	30	47	17
	62378	HELWÂN	340	8	15	02	0	0	—	9.6	30	31	11
UPPER EGYPT	62381	FAIYÛM	360	8	35	01	0	0	—	9.3	31	43	17
	62387	MINYA	20	12	12	00	0	0	—	9.2	32	26	10
	62393	ASYÛT MANQABÂD	310	15	30	00	0	0	—	8.2	32	29	12
	62399	NAG' HAMMÂDI	320	2	7	00	0	0	—	6.2	34	27	12
	62402	QENA	270	5	50	03	1	0	—	6.4	38	66	24
	62405	LUXOR											
	62414	ASWÂN	340	3	50	01	1	2	Ci	5.0	39	18	11
OASES	62417	SÎWA	00	0	35	00	0	0	—	13.8	32	59	23
	62420	BAHARÎYA	360	4	35	02	0	0	—	10.4	32	28	11
	62423	FARAFRA	320	4	35	02	0	0	—	10.4	33	24	10
	62432	DAKHLA	320	11	50	00	0	0	—	8.3	33	16	4
	62435	KHARGA	360	3	35	00	0	0	—	7.6	34	22	9
RED SEA	62450	SUEZ	360	10	35	01	0	0	—	8.2	30	35	13
	62459	TÛR	310	8	35	00	0	0	—	5.8	29	70	23
	62462	HURGHÂDA	340	15		00	0	0	—	4.4			24
	62465	QUSEIR	360	9	15	02	0	0	—		30	52	19
	62641	PORT SÛDÂN	10	9	10	01	1	2	Ac,Cu	1.8	39	28	17
NORTH SÛDÂN	62600	WÂDI HALFA	350	13	30	03	1	4	Ci	5.2	38	22	13
	62640	ABU HAMAD	360	2	10	03	2	7	Ac	0.4	43	15	11
	62660	KAREIMA	310	1	30	01	1	3	Ac,Cu	2.8	40	12	6
	62680	'ATBARA	230	5	30	03	2	8	Ac,Cs	1.8	40	16	10
	62721	KHARTÛM	240	9	30	02	1	7	Ac	2.7	38	24	14
	62730	KASSALA	270	2	30	03	0	4	Cu,Cs	4.1	35	37	19
CENTRAL SÛDÂN	62751	WÂD MEDANI	230	9	35	02	1	4	Cs	4.0	35	44	21
	62801	RENK											
	62802	ROSEIRES	230	2	35	02	1	2	Ac	5.5	31	55	21
	62771	EL OBEID	160	3	30	02	1	4	Cu,Ac	7.2	34	36	17
	62760	EL FÂSHER	20	2	30	01	1	4	Ac,Ci		31	43	17
	62770	GENEINA	270	3	30	01	2	6	Cu,Ac		31	49	19
S. SÛDÂN	62840	MALAKÂL	230	6	30	03	2	7	Cu,Ci	6.5	31	55	21
	62880	WÂU	130	3	18	32?	0	8	Sc,Ci	7.6	29	62	21
	62941	JUBA	290	2	18	21	6	8	Sc,Cu	9.2	26	74	21

At 1800 on Satur. 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	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.
320	5	7	02	0	0	—	12.3	25	61	17	0
340	4	35	01	1	0	—	12.8	23	84	20	0
00	0	13	00	0	0	—	12.7?	23	74	18	0
320	3	15	00	0	0	—	11.2?	23	74	18	0
360	15	7	02	2	5	Cu,Sc	11.6	23	74	18	0
360	10	12	03	1	4	Sc	11.2	23	69	17	0
320	2		00	0	0	—	10.3	23	84	20	0
360	8	15	01	0	0	—	10.6	25	74	20	0
360	2	15	02	0	0	—	10.8	25			0
360	9	15	02	1	1	Cu	11.4	22	78	18	0
320	5		00	0	0	—	10.8	23	74	18	0
00	0	35	02	0	0	—	11.4?	23	74	18	0
320	2	35	00	0	0	—	10.4	23	74	18	0
360	2	35	02	0	0	—	10.3	25	70	19	0
360	4	15	00	0	0	—	10.8?	25	61	17	0
360	4	15	00	0	0	—	11.4?	24	60	16	0
340	11	15	02	0	0	—	10.6	26	55	16	0
00	0	35	02	0	0	—	8.7	27	62	19	0
00	0	10	00	0	0	—	9.3	24	57	15	0
00	0		00	0	0	—	7.1	27	42	13	0
240	5	7	00	0	0	—	7.0	28	45	15	0
260	4	12	01	0	1	Ci	6.2	30	22	6	0
00	0	50	00	0	0	—	7.2	32	22	8	0
00	0	35	00	0	0	—	13.4	30	66	23	0
360	2	15	02	0	0	—	11.0	27	37	11	0
360	2	15	02	0	0	—	10.7	26	37	10	0
320	5	35	00	0	0	—		29	19	3	0
60	1	15	00	0	0	—	9.9	29	29	9	0
360	11	7	02	0	0	—	9.3	27	42	13	0
310	4	15	00	0	0	—		28	70	22	0
290	11		00	0	0	—	5.0	28	62	20	0
360	9	15	02	0	0	—	6.3	28	58	19	0

At 0600 on Sunday 4th September,

WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL mms. Total From Oct. 1st.	RAINFALL mms. Normal From Oct. 1st.	STATION
290	3	7	02	0	0	—	12.7		24	29		17		74	19	0			SALUM
290	10	50	03	1	8	Cu, Cs	13.4		24	27		17		74	19	0	278		SÎDI BARÂNI
00	0	18	00	0	0	—	12.7		24	27		15		69	18	0			MATRÛH
320	6	15	01	1	3		12.2		25	27		20		70	19	0			EL DABÂ
360	8	50	01	2	3	Cu,Sc	12.2	-0.1	24	27	-3	22	-1	69	18	0	267	186	ALEXANDRIA
350	7	18	01	1	3	Sc	11.8		25	29		21		66	18	0	265	138	FOUAD (Airport)
200	2		03	0	1	Fs,Fc	11.5	+0.2	25	28		18		74	20	0	319	106	DAMIETTA
20	2	15	03	0	4	Sc	11.0		25	27		23		65	18	0	72		PORT SAÎD
00	0	35	03	0	1	Cu	11.4	+0.1	26	30	0	18	-2	84	23	0		94	EL 'ARISH
360	5	7	02	1	3	Cu	11.9	0.0	23	30	-2	17	-2	84	20	0	102	101	DAMANHÛR
20	5	35	00	1	0	—	11.4	-0.3	25	32	-2	19	-1	70	19	0	49	55	MANSÛRA
00	0	35	03	1	6	Cu	11.4	-0.6	22	31	-3	14	-4	83	19	0	34	44	TANTA
240	2	15	03	0	5	Ac	10.0	-2.4	24	33	-1	17	0	74	19	0	21	27	ZAGAZIG
240	2	35	03	1	6	Cu	12.3		25	33		20		70	19	0	14		ISMAÎLIA
																			FAROUK (Airport)
																			ALMÂZA
20	5	12	03	3	7	Sc	11.5	-0.5	22			19		74	17	0			EZBEKÎYA
360	4	15	00	0	5	Sc.,	12.2	+0.2	22	31	-2	20	-1	74	17	0	8	26	GÎZA
360	4	15	00	0	5	Sc.,	12.4	+0.4	23	31	-2	17	-2	69	17	0	16	27	HELWÂN
340	5	15	00	1	1	St.	11.9	+0.3	21	31	-3	17	-2	74	16	0	16	29	
360	8	15	03	0	1	Cu,Sc	11.9	+0.2	23	32	-3	19	-1	74	18	0	8	8	FAIYÛM
20	9	10	03	0	4	Sc	10.9		22	32		16		78	18	0	5		MINYA
330	12	12	00	0	0	—	9.8		22			17		69	16	0	dr.		ASYÛT MANQABÂD
320	1	7	00	0	0	—	9.5	0.0	26	35		18		62	18	0	0		NAG' HAMMÂDI
240	5	35	00	0	0	—	8.8	-0.1	24	38	-1	21	-2	54	14	0	dr.		QENA
										37							dr.		LUXOR
00	0	50	00	0	0	—	8.6	-0.1	27	40	0	22	-3	52	16	0	2		ASWÂN
00	0	35	00	0	0	—	13.8	-0.1	24	35	-1	16	-3	69	18	0	1	8	SÎWA
00	0	35	01	0	0	—	12.4	-0.1	22	33	-2	17	-2	83	17	0	dr.	7	BAHARÎYA
220	2	15	02	0	0	—	12.4		22	34		15		50	11	0	dr.		FARAFRA
320	3	35	00	0	0	—	11.4	0.0	24	36	-2	19	-3	32	6	0	dr.		DAKHLA
40	2	35	00	0	0	—	10.0	-0.4	26	35	-3	19	-3	55	16	0	0		KHARGA
360	5	35	00	0	3	Cu	11.4	+0.5	23	33	-2	18	-4	74	18	0	12	17	SUEZ
310	4	35	00	0	0	—	8.3	+0.1	27	32	-1	21	-2	62	19	0	dr.	13	TÛR
320	18		02	0	3	Ci	7.2		26	28		22		74	27	0	7		HURGHADA
360	9	15	00	1	3	Ci	7.6	-0.6	28	30	-4	23	-3	52	17	0	0	4	QUSEIR
290	2	50	02	1	7	Ac,Ci	6.3		33					38	17	0	61	106	PORT SÛDÂN
																	27		WÂDI HALFA
360	13	30	01	2	7	Ac	5.1		34	45		30		32	15	0			ABU HAMAD
20	7	30	02	2	8	Ac,Cs	6.5		31	42		27		16	2	0	91	26	KAREIMA
200	2	30	02	2	3	Ci	4.8		32	41		28		38	16	0	29	65	'ATBARA
230	8	30	03	2	7	Ac	6.6		30	37		29		49	18	0	31	147	KHARTÛM
200	9	30	03	1	8	St,Ac	9.6		27	37		23		79	23	0	311	275	KASSALA
150	19	50	02	1	8	As	10.4		25	35		24		81	22	0	225	344	WÂD MEDANI
																		440	
																11	528	675	RENK
230	10	30	01	2	7	Sc,Ci	11.4		24	34		23		74	19	62	230	304	ROSEIRES
200	5	30	25	9	8	As			21	33		19		83	18	2	178	291	EL OBEID
70	3	30	02	3?	7	Sc,Ac			22	33		20		89	20	dr.		514	EL FÂSHER
																			GENEINA
																11	881	714	MALAKÂL
00	0	36	01	1	6	Ac	11.2		23	30		21		94	22	3	1142	758	WÂU
																5	675	868	JUBA

HUMIDITY % Mean of day

STATION	on 3rd	Diff. from normal
Alexandria	66	-4
Ezbekiya	62	-1
Giza	64	-1
Helwân	60	-7

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 3rd At 15 PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	79	30	31		
950					
900					
850	1471	12	41	340	10
800					
700	3092	9	—	240	16
600					
500	5805	-7		260	20
400		-17			
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 3rd

STATION	Matruh				Fouad A.P.				Port Said				Minya											
TIME	14	30			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	290	12			230	19			350	15			360	20										
600	310	12			330	29			340	14			360	27										
1000	360	16			330	15			280	12			350	29										
1500	290	16			280	15			340	7			350	19										
2000	330	12			310	10			260	13			350	5										
3000	290	10			240	17			270	13			190	15										
4000					260	16																		
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 4th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		
TIME	9		5		3		9				9	30	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	310	7	350	4	320	9	340	3			330	4	360	22	320	11								
600	230	2	350	6	340	10	330	3			360	9	340	19	330	12								
1000	100	1	40	9	340	9	270	3					340	16	340	16								
1500	330	5	320	7			330	7					350	13	340	11								
2000			300	10			310	9					40	3	260	7								
3000			300	6			290	14							220	7								
4000																								
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABU HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7		4										3	30	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	290	7	360	23	360	12	10	11	10	16														
600	300	5	350	23	340	12	360	21	10	32														
1000	270	9	340	25	340	11	360	26	360	28									240	26	150	14	220	8
1500	280	16	340	28			360	10	320	9									250	13			260	12
2000	280	12	330	33															350	9			70	12
3000	250	8							260	7									20	19			70	17
4000	230	4							230	7													60	15
5000	250	16																						
6000																								
7000																								
8000																								

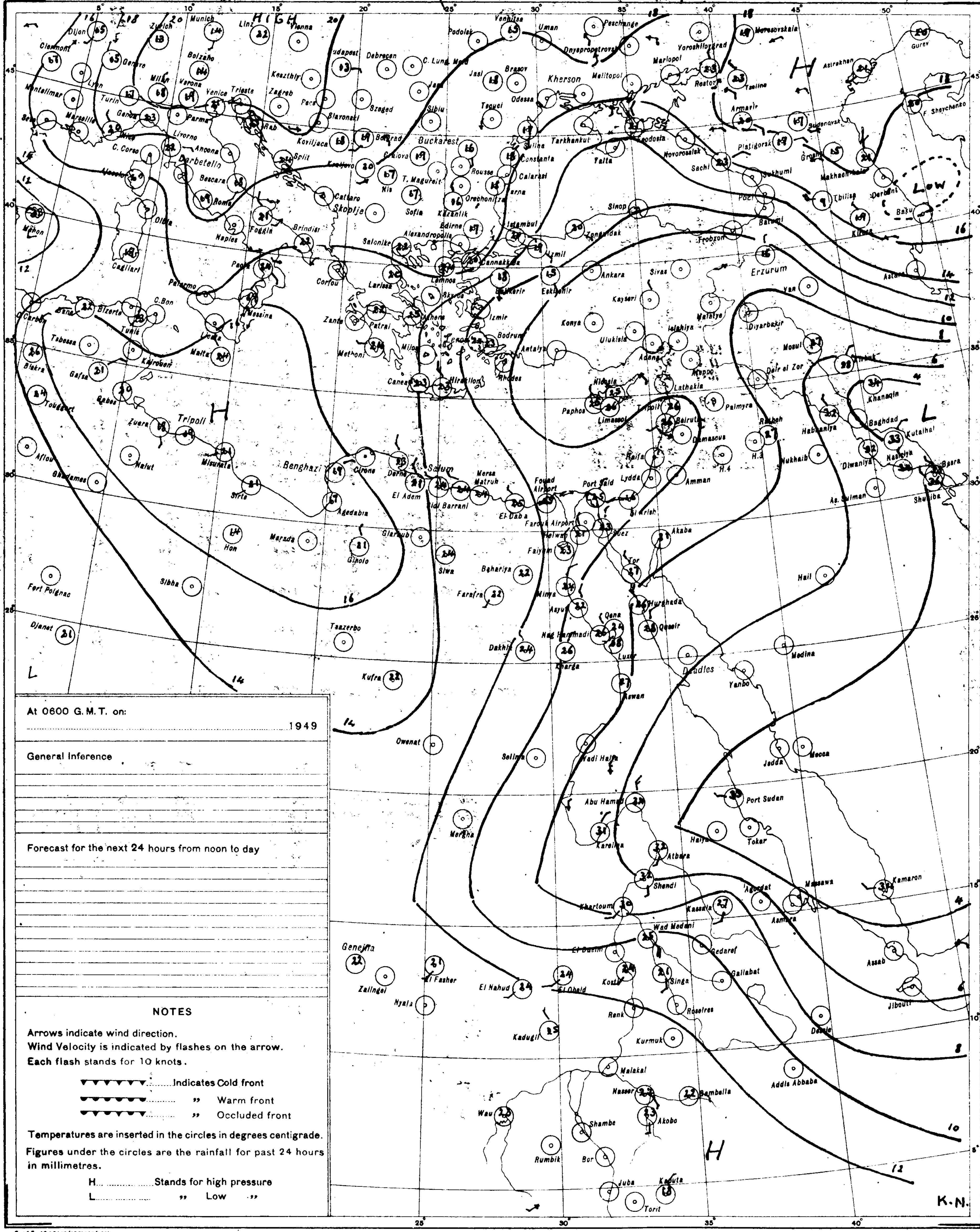
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times 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 September 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	Thunderstorm during the past hour	91
Hail		93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	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 34 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 : Monday 5th September, , 1949

At 1200 on Sun. 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	20	12	7	02	0	0	—	13.3	27	62	19
	62303	SÎDI BARÂNI	340	8	50	02	2	8	Cs	13.3	26	74	21
	62306	MATRÛH											
	62309	EL DABÂ	320	8	35	00	0	0	—	12.5	26	70	20
		ALEXANDRIA	310	15	50	00	0	0	—	12.2	27	55	17
	62318	FOUAD (Airport)	340	13	18	02	1	1	Cu	12.0	27	58	18
	62330	DAMIETTA	360	2	15	02	0	2	Ac	11.1	26	70	20
	62333	PORT SAÏD	360	8	18	01	0	0	—	11.0	26	70	20
	62336	EL 'ARISH	320	5	35	01	0	0	—	10.7	28	58	19
LOWER EGYPT	62339	DAMANHUR	360	9	15	02	1	1	Cu	12.0	28	62	20
	62342	MANSURA	20	9	35	00	1	0	—	11.1	32	47	20
	62348	TANTA	40	8	35	02	1	0	—	10.3	31	49	19
	62354	ZAGAZIG	320	5	35	00	1	0	—	10.0	31	49	19
	62441	ISMAÏLIA	290	2	35	02	0	0	—	10.0	33	34	15
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMÂZA											
		EZBEKÎYA	360	4	35	00	0	0	—	10.7	30	46	17
		GÎZA	360	4	35	00	0	0	—	10.3	30	52	19
	62378	HELWÂN	320	8	15	06	0	0	—	10.4	30	31	11
UPPER EGYPT	62381	FAIYÛM	360	8	35	01	0	0	—	9.9	31	38	15
	62387	MINYA	30	8	12	00	0	0	—	10.3	32	34	14
	62393	ASYÛT MANQABÂD	330	14	30	00	0	0	—	9.1	32	24	9
	62399	NAG' HAMMÂDI	270	3	15	00	0	0	—	7.4	35	29	14
	62402	QENA	240	5	50	00	0	0	—	6.4	37	27	15
	62405	LUXOR											
	62414	ASWÂN	340	11	50	01	1	3	Ci	5.8	38	19	11
OASES	62417	SÎWA	00	0	35	00	0	0	—	13.3	33	59	24
	62420	BAHARÎYA	360	4	35	02	0	0	—	10.6	33	30	13
	62423	FARAFRA	360	3	15	02	1	1	As	11.9	34	27	12
	62432	DAKHLA	320	11	50	00	0	0	—	9.0	33	16	4
	62435	KHARGA	10	4				0	—	8.8	34	27	12
RED SEA	62450	SUEZ	360	6	35	01	0	0	—	9.1	31	38	15
	62459	TÛR	310	10	35	00	0	0	—	7.1	29	66	22
	62462	HURGHÂDA	340	16		02	1	1	Ci	5.8	27	79	23
	62465	QUSEIR	20	9	15	03	1	6	Ci	5.5	30	65	30
	62641	PORT SUDÂN	10	10	50	02	1	1	Ci,Cu	4.0	35	39	19
NORTH SÛDAN	62600	WÂDI HALFA	340	11	30	01	2	4	Ci	6.4	37	24	13
	62640	ABU HAMAD	130	5	30	03	1	6	Ac	998.7	45	10	6
	62660	KAREIMA	40	5	30	00	2	1	Ci	2.6	42	12	7
	62680	'ATBARA	200	2	30	03	2	5	Ac	1.9	41	17	11
	62721	KHARTÛM	210			07	2	4	Ac	4.0	37	25	14
	62730	KASSALA	180	5	30	03	1	8	Cu,Ac	5.7	32	56	22
CENTRAL SÛDAN	62751	WÂD MEDANI	200	19	50	02	1	8	As	9.9	25	61	17
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	130	21	10	07	2	8	Sc,Cs	11.9	24	61	16
	62760	EL FÂSHER											
	62770	GENEINA	50	4	30	02	1	7	Cu,Ac		31	33	13
S. SÛDAN	62840	MALAKÂL	310	5	30	15	2	7	Cu,Sc	9.3	27	70	21
	62880	WÂU	160	4	30	03	2	7	Cb,Ac	7.4	31	59	22
	62941	JUBA	50	2	30	03	1	4	Cu,Sc	8.6	30	66	23

At 1800 on Sun. 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	SALUM	40	5	7	02	0	0	—	12.3	25	61	17	0
62303	SÎDI BARÂNI	360	1	35	01	1	8	Cs	13.3	23	84	20	0
62306	MATRÛH	40	2	13	00	0	0	—	12.9	23	65	16	0
62309	EL DABÂ	320	5	35	00	0		—	12.6	24	84	21	0
	ALEXANDRIA	360	10	7	01	0	0	Sc,Cu	11.7	23	74	18	0
62318	FOUAD (Airport)	360	11	18	02	0	2	Sc	11.9	23	57	14	0
62330	DAMIETTA	320	5		00	0	0	—	11.6	24	84	21	0
62333	PORT SAÏD	360	10	18	02	0	2	Sc	11.2	25	79	21	0
62336	EL 'ARISH	360	2	15	02	0	0	—	10.2	25	74	20	0
62339	DAMANHUR	360	5	15	02	1	0	—	12.3	23	84	20	0
62342	MANSURA	20	5		00	1	0	—	12.3	24	74	19	0
62348	TANTA	00	0	35	02	0	0	—	12.3	23	74	18	0
62354	ZAGAZIG	360	2	35	00	0	0	—	11.4	24	84	21	0
62441	ISMAÏLIA	20	2	35	02	0	0	—	11.2	25	70	19	0
62366	FAROUK (Airport)												
62372	ALMÂZA												
	EZBEKÎYA	360	3	15	00	0	0	—	11.6	26	62	18	0
	GÎZA	360	3	15	00	0	0	—	12.4	26	62	18	0
62378	HELWÂN	340	3	15	02	0	1	Ci	11.6	27	52	16	0
62381	FAIYÛM	360	2	35	02	0	0	—	10.2	27	52	16	0
62387	MINYA	00	0	10	00	0	0	—	10.2	23	65	16	0
62393	ASYÛT MANQABÂD												
62399	NAG' HAMMÂDI	00	0		00	0	0	—	8.4	26	48	14	0
62402	QENA	240	5	7	00	0	0	—	7.6	29	46	16	0
62405	LUXOR												
62414	ASWÂN												
62417	SÎWA	00	0	35	00	0	0	—	12.0	29	46	16	0
62420	BAHARÎYA	360	2	15	02	0	0	—	11.4	28	53	10	0
62423	FARAFRA	360	2	15	02	1	1	As	11.5	28	22	4	0
62432	DAKHLA	320	6	35	00	0	0	—	10.0	28	22	4	0
62435	KHARGA	00	0	15	00	0	0	—	10.0	28	33	10	0
62450	SUEZ	360	4	35	02	0	0	—	10.6	26	62	18	0
62459	TÛR	310	5	15	00	0	0	—	6.3	27	70	21	0
62462	HURGHÂDA	290	9		00	0	0	—	6.4			19	0
62465	QUSEIR	330	5	15	02	0	2	Ci	6.2	28	58	19	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 5th September,

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL mms. Total From Oct. 1st.	RAINFALL mms. Normal From Oct. 1st.
62300	SALUM	270	9	7	02	0	0	—	12.6		22	29		15		83	19	0		
62303	SÎDI BARÂNI	240	4	35	03	1	8	Cs	12.2		24	26		16		74	19	0	278	
62306	MATRÛH											28								
62309	EL DABÂ	220	5	35	00	0	0	—	12.2		25			17		74	20	0		
	ALEXANDRIA	360	8	50	01	2		Sc,Cu	12.3	-0.2	24	28	-2	22	-1	74	19	0	267	186
62318	FOUAD (Airport)	320	11	18	01	1	4	Sc	11.8		24	28		19		69	18	0	265	138
62330	DAMIETTA	270	5	7	02	0	0	—	10.7	-0.8	25	28		18		74	20	0	319	106
62333	PORT SAÏD	300	6	14	03	1	6	Sc	11.3		25	28		23		74	20	0	72	
62336	EL 'ARISH	220	2	35	03	0	1	Cu	11.4	+1.0	26	28	-2	17	-3	62	18	0		94
62339	DAMANHUR	230	5	7	01	1	1	Cu	12.8	+0.7	23	30	-2	18	-1	84	20	0	102	101
62342	MANSURA	320	5	35	00	1	0	—	12.2	+0.4	25	33	-1	19	-1	70	19	0	49	55
62348	TANTA	270	2	35	02	0	0	—	11.8	-0.4	22	32	-2	15	-3	83	19	0	34	44
62354	ZAGAZIG	320	2	15	03	0	4	Ac	11.9	-0.6	24	33	-1	18	-1	84	21	0	21	27
62441	ISMAÏLIA	340	2	35	03	1	3	Cu	11.9		25	34		20		70	19	0	14	
62366	FAROUK (Airport)																			
62372	ALMÂZA																			
	EZBEKÎYA	290	3	15	00	0	5	Sc	12.7	+0.6	23	31	-2	20	-1	78	19	0	8	26
	GÎZA	290	3	15	00	0	5	Sc	12.7	+0.6	23	31	-2	19	0	74	18	0	16	27
62378	HELWÂN	20	5	15	01	2	4	Cu	12.7	+1.0	22	31	-2	19	-2	83	19	0	16	29
62381	FAIYÛM	360	2	35	03	0	1	Cu,Sc	12.7	+0.9	23	32	-3	19	-1	74	18	0	8	8
62387	MINYA	40	5	10	00	0	0	—	12.3	+1.3	23	33		18		74	18	0	5	
62393	ASYÛT MANQABÂD	330	10	12	00	0	0	—	11.9		24			19	-3	54	14	0	dr.	
62399	NAG' HAMMÂDI	320	1		00	0	0	—	10.8	+1.2	27	36		18		52	16	0	0	
62402	QENA	320	2	35	00	0	0	—	9.3	+0.3	25	39	0	21	-2	54	15	0	dr.	
62405	LUXOR																		dr.	
62414	ASWÂN	360	3	50	00	0	0	—	9.6	+0.8	27			23	-2	37	11	0	2	
62417	SÎWA	270	4	35	00	0	0	—	13.8	-0.2	23	34	-2	19	0	74	18	0	1	8
62420	BAHARÎYA	00	0	35	02	0	0	—	12.6	0.0	25	34	-1	17	-2	61	17	0	dr.	7
62423	FARAFRA	360	1	15	02	0	0	—	12.8		24	35		16		47	12	0	dr.	
62432	DAKHLA	320	6	35	00	0	0	—	11.9	+0.4	25	35	-2	19	-3	28	5	0	dr.	
62435	KHARGA	340	1	35	00	0	0	—	11.9	+1.4	27	35	-3	19	-3	27	6	0	0	
62450	SUEZ	00	0	35	00	0	3	Cu	11.8	+0.8	23	33	-2	20	-2	84	20	0	12	17
62459	TÛR	20	2	35	00	0	0	—	8.8	+0.5	27	32	-1	20	-3	55	17	0	dr.	13
62462	HURGHÂDA	310	19		00	0	0	—	7.4		26	28		22		74	21	0	7	
62465	QUSEIR	360	9	15	02	0	0	—	8.3	0.0	29	30	-3	24	-2	40	14	0	0	4
62641	PORT SUDÂN	20	1	10	07	2	7	As	7.9		33	37		28		53	22	0	61	106
62600	WÂDI HALFA	360	8	30	02	1	7	Cs	10.1		27	39		22		33	9	0	27	
62640	ABU HAMAD			30	03	2			8.0		31	45		29		13	0	dr.		
62660	KAREIMA	220	1		06	2	9		9.1		31	42		28		41	16	0	91	26
62680	'ATBARA																		29	65
62721	KHARTÛM	230	10	30	01	2	6	Ac,Ci	10.2		27	39		23		55	17	0	31	14
62730	KASSALA	160	5	30	02	1	8	Ac,Ci	12.1		26	33		22		70	19	1	312	278
62751	WÂD MEDANI	200	9	50	02	6	7	Sc	11.9		24	29		21		84	21	6	231	347
62801	RENK																			444
62802	ROSEIRES																		528	683
62771	EL OBEID	280	4	30	58	1	5	Ac	10.0		24	26		21		74	19	dr.	230	307
62760	EL FÂSHER	00	0	30	00	0	0	—			25	31		22		89	23	0	178	293
62770	GENEINA	290	1	30	02	1	7	Ac			22	32		21		89	20	0		518
62840	MALAKÂL	310	1	10	28	4	8	St,Ac	13.1		22	30		20		94	21	dr.	881	720
62880	WÂU	170	1	30	03	6	8	Sc,As	13.0		22	32		21		95	22	7	1149	964
62941	JUBA	50	5	10	03	1	7	St	13.7		23	30		20		95	22	0	675	872

HUMIDITY %

Mean of day

STATION	on 4th	Diff. from normal
Alexandria	69	0
Ezbekiya	62	-1
Giza	61	-4
Helwân	58	+5

GÎZA

GRASS MINIMUM TEMP. ON 5th 13.5 °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 4th At 15 AIRPORT	PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
	1000	94			350	14
	950					
	900					
	850	1510	17		340	7
	800					
	700	3140	11		240	17
	600					
	500	5860	-6		250	74
	400		-16			
	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 4th

STATION	Matruh				Foad A.P.				Minya				Port Said											
TIME	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	20	3			330	32			360	23			350	16										
600	20	5			330	24			360	23			340	14										
1000	330	9			340	20			340	24			330	9										
1500	290	10			10	9			330	26			330	7										
2000	290	6			310	10			340	13			280	2										
3000	280	12			280	14							240	17										
4000	260	16			280	19							260	24										
5000					260	30																		
6000					240	38																		
7000																								
8000																								

UPPER WIND OBSERVATIONS on 5th

STATION	SÎDI BARÂNI		MATRÛH		BOUAD AIRPORT		PORT SAÏD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA			
TIME	9		8 45		3		3				9 15		3 15		9 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	310	8	310	9	310	10	300	10			330	23	10	17	330	16			350	13				
600	310	5	260	7	310	10	290	5			30	7	330	23	310	10			350	28				
1000	340	5	270	3	310	8	350	9			20	16	320	27	330	10			360	25				
1500	360	2	300	6	320	11	20	9					320	28	320	9			290	11				
2000	320	3	350	8	290	9	330	5					350	8					280	22				
3000	350	9			260	12																		
4000	300	6			240	18																		
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7		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	260	6	340	16	320	12	20	8																
600	290	6	340	21	320	5	360	11	10	21							180	9						
1000	280	9	340		330	10	350	19	10	31							220	15			180	6		
1500	300	16					340	23	360	26							10	4			280	6		
2000	290	15																			70	32		
3000	320	10							310	10														
4000	320	12																						
5000	290	18																						
6000																								
7000																								
8000																								

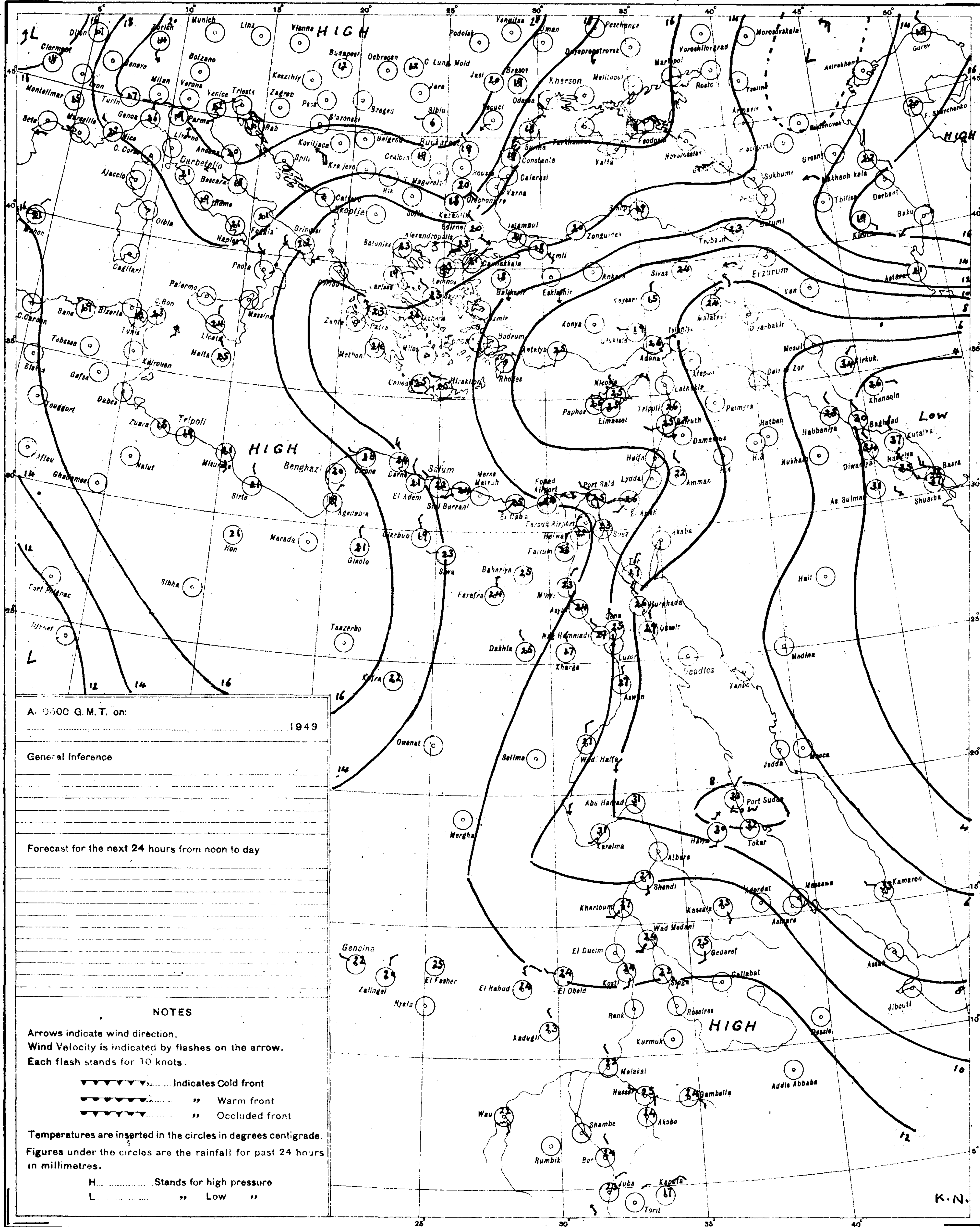
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 September 1949



A. 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 } Thunderstorm during		91
Hail } the past hour		93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

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

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 34 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 6th September, 1949

Area	Index Number	Station	At 1200 on Mon. 5th Wind Direction	Wind Velocity in Knots	Visibility 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 Mon. 5th Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
	62300	SALUM	40	8	7	02	0	0	—	12.2	28	52	17	320	5	7	02	0	0	—	11.4	25	74	20	0
	62303	SIDI BARANI	290	3	50	02	2	5	Cs	13.0	27	55	17	290	9	35	02	2	8	Cu, Cs	11.3	23	94	23	0
	62306	MATRUH	20	11		00	0	0	—	12.3	26	66	19	340	4	13	00	0	0	—	11.4	23	69	17	0
	62335	EL DABA	320	6	50	00	0	0	—	12.8	27	62	19	320	3	35	00	0	0	—	11.1	23	84	20	0
		ALEXANDRIA	310	16	50	00	0	0	—	11.5	27	55	17	360	5	7	00	0	0	—	11.6	24	74	19	0
	62316	FOUAD (Airport)												340	7	14	02	0	0	—	10.9	24	74	19	0
	62330	DAMIETTA	320	5	15	02	0	0	—	10.8	27	60	19	320	5		02	0	0	—	10.8	24	74	19	0
	62333	PORT SAID	340	8	30	01	0	0	—	10.7	28	62	20	340	12	18	01	0	0	—	10.1	25	74	20	0
	62336	EL ARISH	340	9	35	01	0	0	—	10.7	27	94	26	00	0	15	02	0	0	—	11.0	24	69	18	0
LOWER EGYPT	62339	DAMANHUR	270	9	15	02	0	0	—	12.8	27	74	22	270	9	15	02	0	0	—	12.0	23	84	20	0
	62342	MANSURA	40	9	35	02	1	3	Cu	10.3	31	43	17	360	5		00	1	0	—	11.0	24	74	19	0
	62348	TANTA	270	8	35	01	1	2	Cu	10.6	30	46	17	00	0	35	02	0	0	—	12.0?	22	83	19	0
	62354	ZAGAZIG	40	2	35	00	1	0	—	9.5	31	43	17	320	2	35	00	0	0	—	10.7	24	69	18	0
	62440	ISMAILIA	340	2	35	01	1	1	Cu	9.6	32	34	14	360	2	35	02	0	0	—	10.3	25	70	19	0
	62366	FAROUK (Airport)																							
	62371	ALMAZA												360	9	12	00	0	0	—	10.5	26	62	18	0
		EZBEKIYA	320	3	35	00	0	0	—	10.2	30	43	16	360	3	15	00	0	0	—	11.0	25	61	17	0
		GIZA	320	3	35	00	0	0	—	11.2	30	41	15	360	3	15	00	0	0	—	12.5	25	58	16	0
	62378	HELWAN	320	7	15	02	0	0	—	9.9	30	35	13	340	11	15	02	0	0	—	9.9	27	52	16	0
UPPER EGYPT	62381	FAIYUM	360	2	35	01	0	0	—	8.7	31	28	10	00	0	35	02	0	0	—	9.8	25	61	17	0
	62387	MINYA	10	13	12	00	0	0	—	10.2	33	16	4	00	0	10	00	0	0	—	10.1	24	47	12	0
	62393	ASYUT	320	15	30	00	0	0	—	9.6	32	22	8												
	62396	NAG HAMMADI	270	3	7	00	0	0	—	7.5	33	30	13	270	1		00	0	2	Ac, Ci		26	42	12	0
	62402	QENA	240	5	50	00	0	0	—	7.2	37	18	9	270	2	7	00	0	0	—	8.7	29	35	12	0
	62405	LUXOR												320	13	12	00	0	0	—	8.1	30	22	6	0
	62414	ASWAN	340	13	50	01	1	3	Ci	7.0	37	24	13	360	8	50	00	0	0	—	8.4	34	22	9	0
OASES	62417	SIWA	270	8	35	00	0	0	—	13.5	33	24	10	00	0	35	00	0	0	—	13.0	27	52	16	0
	62420	BAHARIYA	360	3	35	02	0	0	—	10.4	34	27	12	360	3	15	02	0	0	—	11.4	27	37	11	0
	62423	FARAFRA	270	1	35	02	0	0	—	11.6	34	18	6	340	4	15	02	0	0	—	7.2	28	37	12	0
	62432	DAKHLA												320	4	35	00	0	0	—	8.4	28	22	4	0
	62435	KHARGA	310	1	35	00	0	0	—	9.9	33	34	15	00	0	15	00	0	0	—	10.2	29	40	14	0
RED SEA	62450	SUEZ	360	4	35	01	0	0	—	8.8	31	28	10	360	8	15	02	0	0	—	9.3	27	30	17	0
	62459	TOR	310	14	35	00	0	0	—	6.6	29	59	20	310	3	15	00	0	0	—	6.8			13	0
	62463	HURGHADA	340	17		00	0	0	—	5.8	28	66	21	270	9		00	0	0	—	6.1	27	42	13	0
	62465	QUSEIR	360	9	15	02	0	0	—	5.9	30	66	23	360	5	15	00	0	0	—	6.1	28	52	17	0
	62641	PORT SUDAN	20	13		06	1	0	—	3.5	35	53	24												
NORTH SUDAN	62600	WADI HALFA	10	15	30	02	2	7	Cs	7.3	37	11	1												
	62640	ABU HAMAD	180	1	10	01	2	3	Ci	3.6	41	16	10												
	62660	KAREIMA	360	1		05		4	Ac	4.5	40	24	16												
	62680	ATBARA	180	9	30	02	2	8	Cs	4.6	39	21	13												
	62721	KHARTUM	220	11	30	02	2	7	Sc, Cu	5.9	36	27	14												
	62730	KASSALA	180	2	30	01	1	4	Cu	6.4	34	47	21												
CENTRAL SUDAN	62751	WAD MEDANI	200	5	50	01	1	6	Cu	9.1	29	66	22												
	62801	RENK	230	5	50	02	1	7	Cu	7.2	30	62	22												
	62802	ROSEIRES																							
	62771	EL OBEID	00	0	30	02	1	7	Cu, Sc	7.2	33	36	16												
	62760	EL FASHER	310	3	30	02	1	8	Cu, Ac		31	43	17												
	62770	GENEINA	270	3	30	01	1	5	Cu		31	43	17												
S. SUDAN	62840	MALAKAL	230	5	30	02	2	7	Cu, Ci	9.0	31	55	21												
	62880	WAU	160	3	30	02	2	5	Cu, Ac	9.1	30	62	22												
	62941	JUBA	310	2	30	01	1	5	Cu, Ci	8.1	31	55	21												

At 0600 on Tuesday 6th September.

Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st	Station
320	8	7	02	0	0	—	11.1		25	29		19		74	20	0			SALUM
290	8	35	02	2	8	Cu, Cs	11.3		25	28		22		84	22	0	278		SIDI BARANI
370	5	12	00	0	0	—	10.9		23	28		18		84	20	0			MATRUH
320	4	35	00	0	0	—	10.4		25	27		17		74	20	0			EL DABA
270	15	50	00	0	0	—	10.6	-2.0	24	28	-2	22	-1	74	19	0	267	186	ALEXANDRIA
280	10	18	02	0	0	—	9.7		26	28		20		66	19	0	265	138	FOUAD (Airport)
220	2	7	02	0	0	—	10.3	-1.3	24	28		17		84	21	0	319	106	DAMIETTA
260	10	12	03	0	1	Sc	9.7		24	30		22		79	20	0	72		PORT SAID
00	0	35	02	0	0	—	9.3	-2.3	26	29	-1	20	0	62	18	0		74	EL ARISH
230	9	7	02	0	0	—	11.0	-1.3	23	28	-4	17	-2	84	20	0	102	101	DAMANHUR
270	9	35	00	0	0	—	10.2	-1.7	24	32	-2	17	-3	79	19	0	49	55	MANSURA
00	0	35	02	0	0	—	10.2	-2.2	21	31	-3	15	-3	88	19	0	34	44	TANTA
220	2	15	03	0	2	Ac	10.3	-2.3	24	32	-2	18	-1	84	21	0	21	27	ZAGAZIG
270	2	35	03	1	2	Ac	10.2		23	33		19		84	20	0	14		ISMAILIA
																			FAROUK (Airport)
										31									ALMAZA
340	2	15	00	0	5	Sc	11.0	-1.2	22	31	-2	19	-2	83	19	0	8	26	EZBEKIYA
340	2	15	00	0	5	Sc	11.2	-1.0	24	31	-2	16	-2	74	19	0	16	27	GIZA
00	0		02	2	7	St	11.0	-0.8	21	31	-2	18	-3	88	19	0	16	29	HELWAN
00	0	35	02	0	0	—	11.2	-0.7	25	32	-3	18	-2	70	19	0	8	8	FAIYUM
00	0	10	00	0	0	—	11.7		23	33		15		65	16	0	5		MINYA
300	2	30	00	0	0	—	10.8		26			19		48	14	0	dr.		ASYUT
00	0	7	00	0	0	—	10.3	+0.6	26	34		16		48	14	0	0		NAG HAMMADI
340	5	35	00	0	0	—	9.8	+0.7	25	38	-1	21	-2	47	13	0	dr.		QENA
										36	-4						dr.		LUXOR
360	6	50	00	0	0	—	10.0	+1.1	27	38	-2	23	-2	55	17	0	2		ASWAN
320	4	35	00	0	0	—	13.5	-0.7	23	34	-2	17	-2	50	12	0	1	8	SIWA
320	2	35	02	0	0	—	11.8	-1.0	25	35	0	16	-3	54	15	0	dr.	7	BAHARIYA
00	0	35	02	0	0	—	11.9		26	35		19		42	12	0	dr.		FARAFRA
250	2	35	00	0	0	—	11.0	-0.6	26	36	-1	20	-2	30	7	0	dr.		DAKHLA
00	0	35	00	0	0	—	11.2	+0.6	25	34	-4	18	-4	42	11	0	0		KHARGA
00	0	35	00	0	2	Cu	10.4	-0.7	24	34	-1	20	-2	69	18	0	12	17	SUEZ
310	4	35	00	0	0	—	7.5	+0.9	26	34	+1	24	+1	25	16	0	dr.	13	TOR
310	15		00	0	0	—	7.1		26	28		23		74	21	0	7		HURGHADA
360	5	15	00	0	2	Ci	7.5	-0.9	27	31		22	-4	37	11	0	0	4	QUSEIR
310	1	30	02	1	1	Cs	7.8		35	37		28		44	21	0	61	106	PORT SUDAN
360	2	30	03	1	7	Cs	9.8		27	39		22		27	6	0	27		WADI HALFA
50	13	10	03	2	7	Ac	7.2		32	43		29		17	4	0			ABU HAMAD
20	2	30	01	1	6	Ac	8.6		31	41		28		28	10	0	91	26	KAREIMA
230	9	30	02	2	8	Cs	8.6		31	39		27		43	17	0	29	65	ATBARA
200	16	30	01	1	2	Ac	9.6		30	37		27		55	20	0	31	149	KHARTUM
180	5	30	00	0	0	—	10.7		27	35		24		70	21	0	312	280	KASSALA
180	9	50	02	1	8	Ac	10.6		26	31		23		79	22	0	231	349	WAD MEDANI
230	9	35	02	1	6	Cu	11.6		26	31		21		95	25	3		447	RENK
160	2	7	02	2	6	Fs, Fc	12.0		23	30		22		94	22	0	528	691	ROSEIRES
250	8	30	02	6	7	Sc, Ac	10.8		25	33		24		79	21	0.3	230	310	EL OBEID
00	0	30	02	1	7	Ac			24	32		23		74	19	0	178	295	EL FASHER
230	1	30	02	2	6	Ac			23	32		22		84	20	0		521	GENEINA
180	3	30	01	2	7	Sc, Ac	12.7		24	31		20		94	23	19	900	725	MALAKAL
130	4	30	02	2	8	Fs, Fc	12.6		23	32		22		88	21	dr.	1149	970	WAU
50	2	10	60	6	8	Cb, Ac	14.5		23	31		21		94	22	9	684	876	JUBA

HUMIDITY % Mean of day

Station	On 5th	Diff. from normal
Alexandria	72	+3
Ezbekiya	62	-1
Giza	61	-4
Helwan	60	+7

GIZA
GRASS MINIMUM TEMP. ON 6th 10.3 °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 ... (two forms)

Pressure 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

Station	Matruh		Faud A.P.		Minya	
Time	15		15		15	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	330	22	330	10	10	23
600	310	16	320	20	360	21
1000	290	11	320	18	350	26
1500	310	15	310	13	330	24
2000	320	16	320	10	310	
3000	340	15	300	17		
4000			260	13		
5000			290	21		
6000						
7000						
8000						

UPPER WIND OBSERVATIONS on 6th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		Almaza	
Time	9		4		4						9		3		9				5				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	310	11	290	12	280	15					260	5	360	17	320	7			340	7			280	6
600	300	7	320	13	280	20					270	10	360	19	320	14			350	24			270	6
1000	310	7	340	16	290	27					300	10	10	20	310	17			340	29			280	13
1500	300	8	340	14									10	22	320	20			320	29			300	14
2000	300	11									310	12							250	13			300	11
3000	300	12									280	13											310	11
4000	000	14																						
5000																								
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time			9		9		7		4												5		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	300	7	330	11	310	11	340	4	30	12														
600	310	11	320	15	320	16	350	13	20	18													200	14
1000	320	14	270	12	320	10	350	16	360	19											320	9	220	15
1500	300	15	290	23			310	16	330	10											30	29	260	13
2000	300	16	280	23			280	16	240	12														
3000			290	31			240	33	230	6											50	15	260	5
4000							240	30	230	4													90	17
5000									290	9														
6000									280	19														
7000																								
8000																								

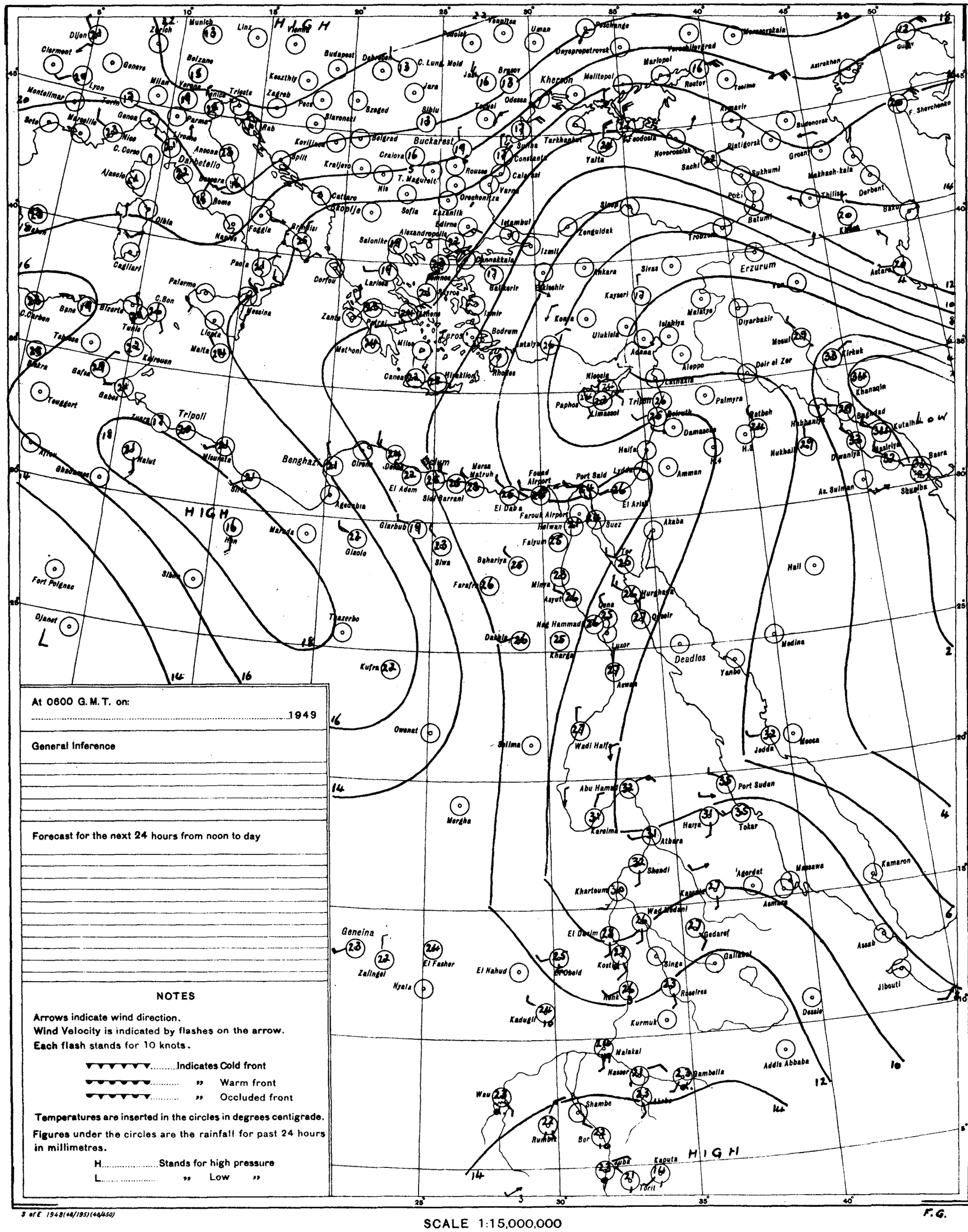
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

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

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON TUESDAY 6 - 9 - 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	S
	,, or sand raised by wind	07	≋
	Dust devil	08	≋
	Duststorm or sandstorm within sight or at station during last hour	09	(≋)
	Mist	10	=
	Shallow fog	12	=
Lightning, no thunder heard		13	⌇
Precipitation within sight		16	(•)
Thunder, no precipitation		17	(R)
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,
	Rain	21	•
	Showers of rain	25	▽
	,, ,, hail	27	▽
	Fog	28	=
	Thunderstorm	29	R
Duststorm or Sandstorm		31	≋
Fog		45	=
Drizzle		50	,
Rain		60	•
Showers of rain		80	▽
,, ,, hail		87	▽
Rain / Hail	Thunderstorm during the past hour	91	R•
		93	R△
Thunderstorm with rain		95	R
,, ,, hail		96	R
,, ,, Sandstorm		98	R

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
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

F.G.

CAIRO
Time of Sunrise 03 35 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 : Wednesday 7th September, 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 O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms
MEDITERRANEAN	62300	SALUM	20	15	7	03	0	3	Ac,Cc	11.0	27	70	21	0
	62303	SIDI BARÂNI	320	8	35	02	2	8	Cu, Cs	11.2	26	84	23	0
	62306	MATRUH	10	12	14	03	0	1	Cu	10.3	28	62	20	0
	62309	EL DABA	320	6	50	00	0	0	—	11.0?	27	62	19	0
		ALEXANDRIA	270	11	50	00	0	0	—	9.1	26	70	20	0
	62318	FOUAD (Airport)	320	12	18	02	0	0	—	9.7	28	62	20	0
	62320	DAMIETTA	320	5	15	00	0	0	—	9.6	28	58	19	0
	62332	PORT SAID	310	9	30	02	0	0	—	8.8	30	46	17	0
	62336	EL 'ARISH	320	2	35	02	0	0	—	8.6	27	62	19	0
LOWER EGYPT	62339	DAMANHUR	270	9	15	02	0	0	—	10.3	30	46	17	0
	62342	MANSURA	320	5	35	01	1	3	Cu	9.3	31	38	15	0
	62345	TANTA	310	8	35	02	0	0	—	9.1	31	43	17	0
	62354	ZAGAZIG	270	2	35	00	1	0	—	9.3	32	43	18	0
	62441	ISMAILIA	340	5	35	02	0	0	—	8.6	33	24	10	0
CAIRO AREA	62366	FAROUK (Airport)												
	62374	ALMAZA												
		EZBEKIYA	320	3	35	00	0	0	—	8.7	32	26	10	0
		GIZA	320	3	35	00	0	0	—	9.0	32	33	14	0
	62378	HELWAN	320	8	35	02	0	0	—	9.2	31	31	12	0
UPPER EGYPT	62358	FAYUM	330	2	35	02	0	0	—	9.5	32	28	11	0
	62363	MINYA	20	12	12	00	0	0	—	9.5	33	26	11	0
	62383	ASYUT [illegible]	340	12	30	00	0	0	—	9.1	32	18	5	
	62399	NAG HAMMADI	270	3	7	00	0	0	—	8.4	33	24	10	0
	62402	QENA	270	5	50	00	0	0	—	8.0	35	23	11	0
	62405	LUXOR												
	62414	ASWAN	340	10	50	00	0	0	—	7.1	36	24	12	0
OASES	62417	SIWA	00	0	35	00	0	0	—	12.4	33	59	24	0
	62420	BAHARIYA	320	3	35	02	0	0	—	10.2	35	23	11	0
	62429	FARAFRA	340	5	35	03	0	0	—	11.0	34	32	15	0
	62432	DAKHLA	320	11	50	00	0	0	—		34	14	3	0
	62438	KHARGA	360	4	35	00	0	0	—	9.4	34	32	15	0
RED SEA	62450	SUEZ	00	0	35	01	0	0	—	7.4	33	16	4	0
	62459	TOR	310	16	35	00	0	0	—	6.8	30	35	13	0
	62462	HURGHADA	340	17		00	0	0	—	5.7	28	62	20	0
	62465	QUSEIR	40	9	15	03	1	3	Ci		29	66	22	0
	62641	PORT SUDAN	360	12	30	03	0	3	Cu, Ci, Cc	5.1	35	50	23	
NORTH SUDAN	62600	WÂDI HALFA	340	12	30	02	2	8	Cs	7.3	37	12	3	
	62640	ABU HAMAD	360	3	30	03	2	5	Ac, Cs	4.3	40	11	4	
	62660	KAREIMA	50	1	30	00	1	1	Ci	5.3	39	18	11	
	62680	ATBARA	230	5	30	02	2	8	Cu, Cs	4.4	40	20	13	
	62721	KHARTUM	240	8	30	03	1	6	Cu, Ac	5.3	38	25	15	
	62780	KASSALA	180	2	30	00	0	1	Cu	6.1	36	40	20	
CENTRAL SUDAN	62761	WÂD MEDANI	160	9	35	01	1	4	Cu	6.0	35	39	19	
	62801	RENK	230	9	35	02	1	4	Cu	6.8	32	56	22	
	62802	ROSEIRES	160	2	35	00	0	0	—	8.3	31	55	21	
	62771	EL OBEID	250	4	30	80	1	6	Cu, Ac	6.4	33	41	18	
	62760	EL FASHER	90	5	30	02	1	6	Ac		33	26	11	
	62770	GENEINA	230	10	30	01	2	6	Cu		31	49	19	
S. SUDAN	62840	MALAKAL	180	11	30	70	5	7	Cb	10.7	23	94	22	
	62880	WAU	100	4	30	03	2	8	Cb, Ci	9.1	31	55	21	
	62941	JUBA	90	5	30	02	0	8	Sc, As	11.5	27	70	21	

At 1800 on Tues. 6th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C
MEDITERRANEAN	62300	SALUM	320	4	7	01	0	0	—	11.1	25	54	15
	62303	SIDI BARÂNI	320	6	36	02	2	8	Cu, Cs	11.2	25	79	21
	62306	MATRUH	320	6	13	00	0	0	—	10.0	24	65	17
	62309	EL DABA	320	5	35	00	0	0	—	11.0?	24	74	19
		ALEXANDRIA	270	8	7	01	1		Sc,Cu,Ac	9.9	24	74	19
	62318	FOUAD (Airport)	340	4	14	02	0	0	—	9.3	23	78	19
	62320	DAMIETTA	320	2		00	0	0	—	9.4	25	70	19
	62332	PORT SAID	290	13	14	02	0	0	—	9.1	25	74	20
	62336	EL 'ARISH	00	0	15	02	0	0	—	9.5	25	70	19
LOWER EGYPT	62339	DAMANHUR	360	5	15	02	0	0	—	9.9	23	84	20
	62342	MANSURA	360	5	35	00	0	0	—	9.9	24	69	18
	62345	TANTA	00	0	35	01	0	3	Cu	9.7	22	74	17
	62354	ZAGAZIG	320	2	35	00	0	0	—	9.3	24	74	19
	62441	ISMAILIA	320	2	35	00	0	0	—	9.5	27	42	13
CAIRO AREA	62366	FAROUK (Airport)											
	62374	ALMAZA											
		EZBEKIYA	20	1	15	00	0	0	—	9.0	26	55	16
		GIZA	20	1	15	00	0	0	—	9.8	26	50	14
	62378	HELWAN	360	10	15	00	0	0	—	9.5	27	42	13
UPPER EGYPT	62358	FAYUM	00	0	35	02	0	0	—	8.0	26	62	18
	62363	MINYA	00	0	10	00	0	0	—	9.1	25	51	14
	62383	ASYUT [illegible]	320	3	15	00	0	0	—	10.3	26		
	62399	NAG HAMMADI	00	0		00	0	0	—	9.9	26	48	14
	62402	QENA	270	2	35	00	0	0	—	9.0	26	37	13
	62405	LUXOR	00	0	30	00	0	0	—		28		
	62414	ASWAN	00	0	50	00	0	0	—	10.0	30	38	23
OASES	62417	SIWA	00	0	35	00	0	0	—	12.8	22	34	19
	62420	BAHARIYA	360	6	35	02	0	0	—	10.7	24	35	19
	62429	FARAFRA	220	1	35	02	0	0	—	11.1	25	36	19
	62432	DAKHLA	00	0	35	00	0	0	—	11.9	25	36	18
	62438	KHARGA	00	0	35	00	0	0	—	10.4	26	35	18
RED SEA	62450	SUEZ	00	0	35	00	0	1	Cu	9.8	25	36?	19
	62459	TOR	310	8	35	00	0	0	—	7.9	26	32	21
	62462	HURGHADA	300	3		00	0	0	—	7.6	27	29	20
	62465	QUSEIR	360	5	15	02	0	0	—	7.8	30	30	24
	62641	PORT SUDAN	270	1	30	01	1	4	Ac,Cc	7.5	33	37	26
NORTH SUDAN	62600	WÂDI HALFA	360	2	30	01	0	1	Ac	10.5	27	39	22
	62640	ABU HAMAD	20	13	30	03	1	3	Ac,Ci	5.8	31	42	28
	62660	KAREIMA	130	2	30	00	0	2	Ac,Ci	8.9	31	41	27
	62680	ATBARA	230	9	30	03	2	6	Ci	7.4	31	41	26
	62721	KHARTUM	160	24		07	2	7	Sc,Cu,Ac	11.0	28	39	26
	62780	KASSALA	180	9	30	01	1	2	Ci	11.6	26	37	23
CENTRAL SUDAN	62761	WÂD MEDANI	200	9	50	20	5	8	Fs,Fc	13.6	21	36	21
	62801	RENK	230	9	50	02	1	7	Sc,Cu	13.1	24	32	23
	62802	ROSEIRES	340	2	35	02	1	6	Ac	12.8	22	32	21
	62771	EL OBEID	220	6	30	02	6	7	Ac,Cu,Sc	11.4	24	34	19
	62760	EL FASHER	230	9	50	02	1	7	Ac		23	34	22
	62770	GENEINA	240	2	30	01	1	3	Ac,Ci		20	32	20
S. SUDAN	62840	MALAKAL	180	3	30	02	2	7	Ac	13.2	23	27	20
	62880	WAU	00	0	30	03	1	7	Sc,Ac	12.6	22	31	21
	62941	JUBA	80	2	30	03	2	7	Sc,Ac	13.3	25	28	21

At 0600 on Wednesday 7th September.

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C Dry Bulb	TEMPERATURES °C MAXIMUM Yesterday	TEMPERATURES °C MAXIMUM Diff. from normal	TEMPERATURES °C MINIMUM Today	TEMPERATURES °C 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
MEDITERRANEAN	62300	SALUM	320	8	7	01	0	0	—	11.5		24			17		61	16	0		
	62303	SIDI BARÂNI	340	10		02	2	8	Cs	11.4		24	27		22		74	19	0	278	
	62306	MATRUH	360	12	15	02	1	4	Cu	10.3		24	29		22		61	16	0		
	62309	EL DABA	320	4	15	01	1	2		9.1		24	27		21		69	18	0		
		ALEXANDRIA	310	19	50	02	1		Cu,Sc	9.0	-3.7	24	28	-2	22	-1	74	19	0	267	186
	62318	FOUAD (Airport)	300	8	18	07	2	6	Cu	8.8		26	30		21		55	16	0	265	138
	62320	DAMIETTA	220	5		11	0	2	Cu	9.6	-2.1	25	30		19		74	20	0	319	106
	62332	PORT SAID	250	9	11	01	0	1	Sc	9.1		24	31		23		79	20	•	72	
	62336	EL 'ARISH	00	0	35	03	0	1	Cu	9.9	-1.8	26	29	-1	20	0	62	18	0		94
LOWER EGYPT	62339	DAMANHUR	310	9	15	02	0	3	Cu	11.0	-1.4	25	31	-1	20	+1	74	20	0	102	101
	62342	MANSURA	220	5	35	03	1	5	Cu	9.4	-2.7	25	32	-2	19	-1	74	20	0	49	55
	62345	TANTA	00	0	35	01	1	2	Cu	9.3	-3.2	22	32	-2	16	-2	94	21	0	34	44
	62354	ZAGAZIG	140	2	15	02	1	3	Ac	9.3	-3.4	24	33	-1	19	0	84	21	0	21	27
	62441	ISMAILIA	340	2	35	03	2	7	Ac	9.3		24	33		20		74	19	0	14	
CAIRO AREA	62366	FAROUK (Airport)	00	0	8	03	1	6	Sc	9.7		24			19		69	18	0		
	62374	ALMAZA			12	03	0		Sc	9.6		23			18		74	18	0		
		EZBEKIYA	00	0	15	00	0	6	Sc	9.9?	-2.4	24	32	-1	20	-1	74	19	0	8	26
		GIZA	00	0	15	00	0	6	Sc	10.3?	-2.0	24	34	+1	17	-1	75	19	0	16	27
	62378	HELWAN	00	0	7	00	1	4	Ac	9.5	-1.4	23	32	-1	20	-1	43	16	0	16	29
UPPER EGYPT	62358	FAYUM	00	0	35	03	0	2	Cu,Sc	10.0	-2.0	24	35	0	19	-1	69	18	0	8	8
	62363	MINYA	00	0	10	00	0	0	—	10.1		23	35		16		50	12	0	5	
	62383	ASYUT [illegible]	320	3	15	00	0	0	—	10.3		24			19		25	4	0	dr.	
	62399	NAG HAMMADI	00	0		00	0	0	—	9.9	+0.1	26	35		15		55	16	0	0	
	62402	QENA	270	2	35	00	0	0	—	9.0	-0.2	26	37	-2	20	-3	42	12	0	dr.	
	62405	LUXOR	00	0	30	00	0	0	—			28			17		37	12	0	dr.	
	62414	ASWAN	00	0	50	00	0	0	—	10.0	+1.0	30	38	-2	23	-2	40	15	0	2	
OASES	62417	SIWA	00	0	35	00	0	0	—	12.8	-1.5	22	34	-2	19	•	65	15	0	1	8
	62420	BAHARIYA	360	6	35	02	0	0	—	10.7	-2.2	24	35	0	19	0	61	16	0	dr.	7
	62429	FARAFRA	220	1	35	02	0	0	—	11.1		25	36		19		54	15	0	dr.	
	62432	DAKHLA	00	0	35	00	0	0	—	11.9	+0.2	25	36	-1	18	-3	28	5	0	dr.	
	62438	KHARGA	00	0	35	00	0	0	—	10.4	-0.3	26	35	-3	18	-4	42	12	0	0	
RED SEA	62450	SUEZ	00	0	35	00	0	1	Cu	9.8	-1.4	25	36?	+2	19	-3	61	17	0	12	17
	62459	TOR	310	8	35	00	0	0	—	7.9	-0.7	26	32	-1	21	-2	74	21	0	dr.	13
	62462	HURGHADA	300	3		00	0	0	—	7.6		27	29		20		62	19	0	7	
	62465	QUSEIR	360	5	15	02	0	0	—	7.8	-1.0	30	30	-3	24	-2	66	23	0	6	4
	62641	PORT SUDAN	270	1	30	01	1	4	Ac,Cc	7.5		33	37		26		50	21	0	61	106
NORTH SUDAN	62600	WÂDI HALFA	360	2	30	01	0	1	Ac	10.5		27	39		22		25	5	0	27	
	62640	ABU HAMAD	20	13	30	03	1	3	Ac,Ci	5.8		31	42		28		18	4	0		
	62660	KAREIMA	130	2	30	00	0	2	Ac,Ci	8.9		31	41		27		29	11	0	91	26
	62680	ATBARA	230	9	30	03	2	6	Ci	7.4		31	41		26		43	17	0	29	66
	62721	KHARTUM	160	24		07	2	7	Sc,Cu,Ac	11.0		28	39		26		49	19	0	31	150
	62780	KASSALA	180	9	30	01	1	2	Ci	11.6		26	37		23		70	20	0	312	283
CENTRAL SUDAN	62761	WÂD MEDANI	200	9	50	20	5	8	Fs,Fc	13.6		21	36		21		95	20	2	233	352
	62801	RENK	230	9	50	02	1	7	Sc,Cu	13.1		24	32		23		88	22	0		450
	62802	ROSEIRES	340	2	35	02	1	6	Ac	12.8		22	32		21		94	21	0	528	699
	62771	EL OBEID	220	6	30	02	6	7	Ac,Cu,Sc	11.4		24	34		19		74	19	35	265	313
	62760	EL FASHER	230	9	50	02	1	7	Ac			23	34		22		78	19	0	128	296
	62770	GENEINA	240	2	30	01	1	3	Ac,Ci			20	32		20		88	18	0		524
S. SUDAN	62840	MALAKAL	180	3	30	02	2	7	Ac	13.2		23	27		20		94	22	39	939	730
	62880	WAU	00	0	30	03	1	7	Sc,Ac	12.6		22	31		21		94	21	dr.	1149	976
	62941	JUBA	80	2	30	03	2	7	Sc,Ac	13.3		25	28		21		88	23	dr.	684	880

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					

STATION	6th	Diff. from normal
Alexandria	72	+3
Ezbekiya	62	-1
Giza	57	-9
Helwân	62	+9

GIZA
GRASS MINIMUM TEMP. ON 7th 10.5 °C

UPPER WIND OBSERVATIONS on 6th

STATION	Matruh DIR.	Matruh VEL.			Fouad A.P. DIR.	Fouad A.P. VEL.			Minya DIR.	Minya VEL.												
TIME	15				15				15													
HEIGHT m.																						
300	330	21			320	16			320	15												
600	330	21			310	16			320	18												
1000	300	21			290	31			320	16												
1500					290	31			320	16												
2000					260	33			310	22												
3000					270	16			330	23												
4000																						
5000																						
6000																						
7000																						
8000																						

UPPER WIND OBSERVATIONS on 7th

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 MANGABAZE DIR.	ASYUT MANGABAZE VEL.	LUXOR DIR.	LUXOR VEL.	ASWAN DIR.	ASWAN VEL.	KURGHADA DIR.	KURGHADA VEL.
TIME	9		5		3						9 15		3 15		9							
HEIGHT m.																						
300	310	10	310	19	310	7					240	3	140	10	270	10						
600	320	15	310	17	270	8					280	4	150	7	280	6						
1000	330	11	310	20	280	10					270	8	160	6	290	4						
1500	330	14			270	21							150	7	260	12						
2000	310	14			260	25									250	16						
3000	330	14																				
4000																						
5000																						
6000																						
7000																						
8000																						

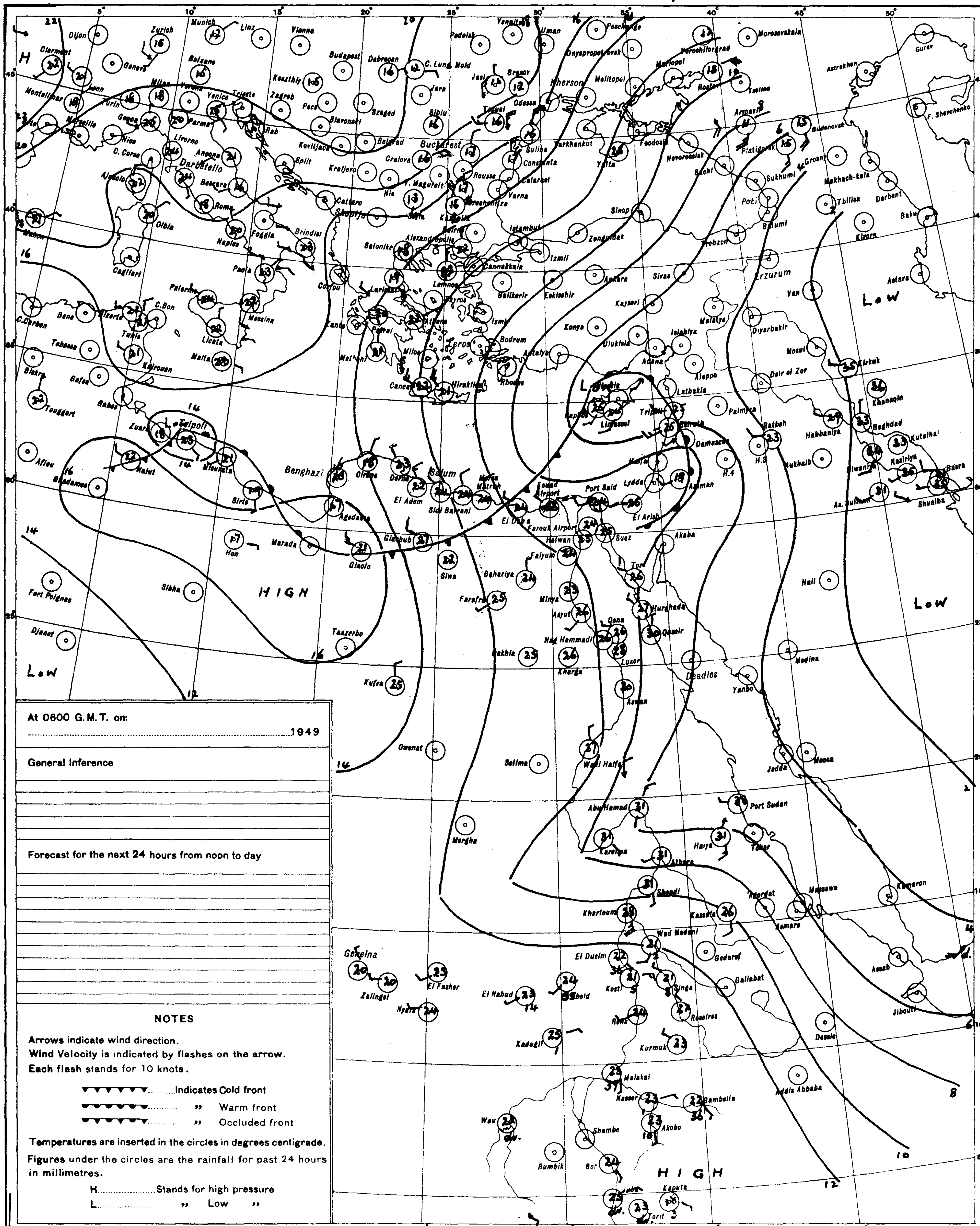
STATION	SIWA DIR.	SIWA VEL.	BAHARIYA DIR.	BAHARIYA VEL.	DAKHLA DIR.	DAKHLA VEL.	KHARGA DIR.	KHARGA VEL.	WÂDI HALFA DIR.	WÂDI HALFA VEL.	ABU HAMAD DIR.	ABU HAMAD VEL.	KAREIMA DIR.	KAREIMA VEL.	KHARTUM DIR.	KHARTUM VEL.	KASSALA DIR.	KASSALA VEL.	EL OBEID DIR.	EL OBEID VEL.	EL FASHER DIR.	EL FASHER VEL.	MALAKAL DIR.	MALAKAL VEL.
TIME	9		9		9		7		4								3 30		3 45		4 30		4	
HEIGHT m.																								
300	340	10	330	34	290	8	340	3	10	8														
600	330	10	310	16	290	9	340	9	30	15							180	17					160	7
1000	340	12	290	15	310	10	320	14	30	15							180	19	330	15	40	8	170	19
1500	320	14	300	20	300	22	310	16	350	14							230	11	340	11	130	3	230	10
2000	320	24	290				300	16	200	4									130	4			220	8
3000	310	18							230	20							340	4	130				200	12
4000	320	18																						
5000	290	16																						
6000	320	16																						
7000	280	16																						
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at 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 *Wed. 7 - 9 -* 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

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

		Code
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

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

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

SCALE 1:15,000,000

F. G.

CAIRO
Time of Sunrise 03 35 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 : Thursday 8th September, , 1949

At 1200 on Wednes 7th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms
MEDITERRANEAN	62300	SALÛM	320	13	7	03	1	3	ac	11.9	26	45	18	0
	62303	SÎDI BARÂNI												
	62306	MATRÛH	360	16	18	02	1	4	cu	11.4	28	45	15	0
	62309	EL DABA	320	3	35	01	1	2		9.9	25	70	19	0
		ALEXANDRIA	290	38	50	03	2	4	cu,sc	9.6	26	55	16	0
	62318	FOUAD (Airport)												
	62330	DAMIETTA	270	5	7	03	0	4	cu	9.3	27	62	19	
	62333	PORT SAÏD	340	16	30	03	0	1	sc	9.0	26	74	21	0
	62336	EL 'ARISH	00	0	35	03	1	2	cu	9.6	28	68	19	0
LOWER EGYPT	62339	DAMANHUR	310	9	15	02	0	3	cu	10.4	28	55	18	0
	62342	MANSURA	320	13	35	02	1	5	cu	9.0	30	46	17	0
	62348	TANTA	310	13	25	01	1	3	cu	8.8	30	46	17	0
	62354	ZAGAZIG	220	5	35	02	1	3	ac	8.8	31	49	19	0
	62441	ISMAÏLIA	290	9	35	03	1	5		6.6	31	38	15	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMÂZA												
		EZBEKÎYA	320	3	35	00	0	0	—	8.7	31	36	14	0
		GÎZA	320	3	35	00	0	0	—	9.9	32	38	16	0
	62378	HELWÂN	270	5	35	03	2	7	cu	8.8	30	40	15	0
UPPER EGYPT	62381	FAIYÛM	330	5	35	02	0	3	cu,sc	9.1	32	34	14	0
	62387	MINYA	310	11	12	02	0	1	cu	8.6	35	15	5	0
	62393	ASYÛT MANQABAT	270	1	30	00	0	0	—	8.6	35	12	2	
	62399	NAG' HAMMADI	320	1	50	00	0	0	—	7.9	36	33	17	0
	62402	QENA	240	5	50	00	0	0	—	8.2	36	29	15	0
	62405	LUXOR												
	62414	ASWÂN	340	4	50	00	0	0	—	7.9	35	23	11	0
OASES	62417	SÎWA	320	4	35	00	0	0	—	12.4	32	43	18	0
	62420	BAHARÎYA	360	5	35	02	1	3	ac	9.5	32	34	14	0
	62423	FARAFRA	270	4	35	03	1	3	cu	9.9	34	27	12	0
	62432	DAKHLA	320	11	50	00	0	0	—	8.7	35	12	1	0
	62435	KHARGA	320	1	35	00	0	0	—	8.8	38	29	17	0
RED SEA	62450	SUEZ	00	0	15	43	0	6	cu	7.6	34	39	18	0
	62459	TÛR	310	8	35	00	0	0	—	6.8	35	32	16	0
	62462	HURGHÂDA	30	6		00	0	0	—	7.0	29	70	23	0
	62465	QUSEIR	40	5	15	02	0	0	—	6.7	29	70	23	0
	62641	PORT SUDÂN	10	14	30	01	2	4	cu,ac	5.2	35	44	21	
NORTH SUDÂN	62600	WÂDI HALFA	350	15	30	01	0	1	ci	6.7	37	12	3	
	62640	ABU HAMAD	200	5	30	01	0	1	ci	4.5	40	11	4	
	62660	KAREIMA	00	0	30	00	0	0	—	5.8	40	17	11	
	62680	'ATBARA	200	12	10	05	0	1	ac	4.6	39	24	15	
	62721	KHARTUM	210	19	30	01	2	6	ac	6.9	33	38	17	
	62730	KASSALA	230	5	30	03	1	6	cs	7.3	34	47	21	
CENTRAL SUDÂN	62751	WÂD MEDANI	200	5	35	02	2	8	ac	9.4	27	70	21	
	62801	RENK	110	5	50	01	1	6	cu	9.8	31	59	22	
	62802	ROSEIRES	160	2	35	00	0	0	—	9.9	30	56	20	
	62771	EL OBEID	90	13	30	02	2	7	cu,cs	9.9	28	66	21	
	62760	EL FÂSHER	150	5	30	02	1	6	cu,ac		31	49	19	
	62770	GENEINA	90	4	30	01	1	6	cu,cs		34	39	15	
S. SUDÂN	62840	MALAKÂL	270	2	30	02	1	5	cu,sc	10.0	30	62	22	
	62880	WÂU	120	1	30	03	2	7	cb,ac	9.4	30	59	21	
	62941	JUBA	360	2	30	03	2	5	ci,cs	10.4	31	55	21	

At 1800 on Wednes 7th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms
MEDITERRANEAN	62300	SALÛM	320	6	7	01	2	0	—	12.4	24	69	18	0
	62303	SÎDI BARÂNI	320	10	35	02	2	8	cu,cs	12.0	23	74	18	0
	62306	MATRÛH	350	12	12	01	2	3	sc	12.1	23	61	15	0
	62309	EL DABA	320	3	16	00	0	0	—	10.9	24	69	18	0
		ALEXANDRIA	290	24	7	02	2	3	cu,sc	10.4	24	69	18	0
	62318	FOUAD (Airport)	320	16	12	03	0	4	sc	10.9	22	69	16	0
	62330	DAMIETTA	270	2		01	0	1	sc	10.3	24	69	18	1
	62333	PORT SAÏD	310	16	12	02	0	0	—	10.1	25	70	19	0
	62336	EL 'ARISH	320	9	15	03	1	3	cb	9.6	25	70	19	0
LOWER EGYPT	62339	DAMANHUR	360	5	15	02	0	0	—	11.2	22	74	17	0
	62342	MANSURA	360	5		00	1	0	—	11.0	24	61	16	0
	62348	TANTA	360	2	35	01	1	3	cu	12.0	21	65	14	0
	62354	ZAGAZIG	320	2	35	00	1	0	—	10.6	22	83	19	0
	62441	ISMAÏLIA	340	2	35	01	0	0	—	10.7	25	54	15	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMÂZA												
		EZBEKÎYA	340	5	15	00	0	6	—	11.2	25	54	15	0
		GÎZA	340	5	15	00	0	0	—	11.5	24	57	15	0
	62378	HELWÂN	340	13	15	02	0	0	—	11.0	23	53	13	dr.
UPPER EGYPT	62381	FAIYÛM	360	2	35	01	0	0	—	9.5	26	48	14	0
	62387	MINYA	00	0		00	0	0	—	10.0	25	42	11	0
	62393	ASYÛT MANQABAT												
	62399	NAG' HAMMADI	00	0		00	0	0	—	7.9	26	55	16	0
	62402	QENA	270	2	7	00	0	0	—	8.4	29	40	14	0
	62405	LUXOR	320	5	12	00	0	0	—	8.1	31	18	4	0
	62414	ASWÂN	00	0	50	00	0	0	—	8.3	33	21	8	0
OASES	62417	SÎWA	40	8	35	00	0	0	—	13.3	27	70	21	0
	62420	BAHARÎYA	360	2	15	02	1	0	—	11.1	27	37	11	0
	62423	FARAFRA	360	5	15	01	1	1	ac	11.4	26	42	12	0
	62432	DAKHLA	320	4	35	00	0	0	—	9.2	31	17	3	0
	62435	KHARGA	00	0	15	00	0	0	—	9.5	30	25	8	0
RED SEA	62450	SUEZ	360	8	3	01	0	3	cu	10.3	27	55	17	0
	62459	TÛR	310	5	15	00	0	0	—		27	55	17	0
	62462	HURGHÂDA	220	4		00	0	0	—	4.9	27	42	13	0
	62465	QUSEIR	360	5	15	02	0	0	—	6.6	28	45	15	0
	62641	PORT SUDÂN												
NORTH SUDÂN	62600	WÂDI HALFA												
	62640	ABU HAMAD												
	62660	KAREIMA												
	62680	'ATBARA												
	62721	KHARTUM												
	62730	KASSALA												
CENTRAL SUDÂN	62751	WÂD MEDANI												
	62801	RENK												
	62802	ROSEIRES												
	62771	EL OBEID												
	62760	EL FÂSHER												
	62770	GENEINA												
S. SUDÂN	62840	MALAKÂL												
	62880	WÂU												
	62941	JUBA												

At 0600 on Thursday 8th September,

AREA	INDEX NUMBER	STATION	WIND 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	270	8	7	02	0	0	—	14.8		24	28		16		69	18	0		
	62303	SÎDI BARÂNI	290	6	50	02	2	8	cu,cs	13.4		24	26		16		72	19	0	278	
	62306	MATRÛH	330	6	15	02	1	1	cu	14.3		24	28		18		54	14	0		
	62309	EL DABA	320	4	15	01	1	2		13.8		24			18		54	14	0		
		ALEXANDRIA	310	27	50	02	2	6	cu,sc	13.3	+0.5	24	27	-3	22	-1	61	16	dr.	267	186
	62318	FOUAD (Airport)	340	15	18	01	1	2	cu	12.8		25	28		22		51	14	0	265	138
	62330	DAMIETTA	200	2		03	1	3	cu	12.6	+0.7	24	27		17		69	18	1	320	106
	62333	PORT SAÏD	270	13	12	20	1	1	sc	12.3		23	30		21		74	18	0	72	
	62336	EL 'ARISH	220	2	35	01	0	1	cu	12.6	+0.8	25	30	0	20	0	94	24	0		94
LOWER EGYPT	62339	DAMANHUR	270	9	15	02	0	0	—	13.3	+0.8	22	30	-2	18	-2	78	18	0	102	101
	62342	MANSURA	270	9	35	00	0	0	—	12.8	+0.6	24	31	-3	17	-3	61	16	0	49	55
	62348	TANTA	220	2	35	01	1	2	cu	13.6	+1.0	22	31	-2	13	-5	74	17	0	34	44
	62354	ZAGAZIG	220	2	15	00	0	0	—	12.8	0.0	23	32	-2	17	-2	74	18	0	21	27
	62441	ISMAÏLIA	270	2	35	01	1	2		13.0		24	31		19		61	16	0	14	
CAIRO AREA	62366	FAROUK (Airport)																			
	62372	ALMÂZA	190	5	12	03	0	1	sc	13.5		23			19		61	15	0		
		EZBEKÎYA	340	2	15	00	0	5	sc	14.2	+1.8	23	32	-1	20	-1	65	16	0	8	26
		GÎZA	340	2	15	00	0	5	sc	14.2	+1.8	25	33	0	17	-1	67	17	0	16	27
	62378	HELWÂN	00	0	7	00	1	1	cu	14.3	+2.3	22	31	-2	19	-1	65	15	dr.	16	29
UPPER EGYPT	62381	FAIYÛM	290	5	35	02	0	0	—	14.7	+2.5	23	33	-2	18	-2	78	16	0	8	8
	62387	MINYA	360	1	12	00	0	0	—	14.7		22	36		16		61	14	0	5	
	62393	ASYÛT MANQABAT	320	6	18	00	0	0	—	14.2		24			17		47	12	0	dr.	
	62399	NAG' HAMMADI	220	1		00	0	0	—	12.8	+2.9	27	36		20		55	17	0	0	
	62402	QENA	270	2	35	00	0	0	—	12.2	+2.8	27	37	-2	22	-1	37	11	0	dr.	
	62405	LUXOR											37							dr.	
	62414	ASWÂN	360	7	50	00	0	0	—	12.0	+2.9	28	37	-3	23	-2	49	17	0	2	
OASES	62417	SÎWA	00	0	35	00	0	0	—	16.4	+2.0	23	32	-4	16	-3	50	12	0	1	8
	62420	BAHARÎYA	360	3	35	02	0	0	—	15.0	+2.0	23	33	-2	17	-2	65	16	0	dr.	7
	62423	FARAFRA	360	1	35	02	0	0	—	15.5		25	34		18		51	14	0	dr.	
	62432	DAKHLA	00	0	35	00	0	0	—	14.2	+2.4	27	36	-1	18	-3	27	6	0	dr.	
	62435	KHARGA	360	4	35	00	0	0	—	13.1	+2.5	27	38	+1	22	0	55	17	0	0	
RED SEA	62450	SUEZ	00	0	35	00	0	3	cu	13.4	+2.1	24	34	0	21	-1	61	16	0	12	17
	62459	TÛR	310	4	35	00	0	0	—	11.4	+2.8	27	35	+3	23	0	55	17	0	dr.	13
	62462	HURGHÂDA	300	14		00	0	0	—	11.1		26	31		22		74	21	0	7	
	62465	QUSEIR	360	5	15	00	0	0	—	10.7	+2.1	29	31	-2	24	-2	35	12	0	0	4
	62641	PORT SUDÂN	310	2	50	01	1	5	cs	9.3		34	37		28		27	12	0	61	106
NORTH SUDÂN	62600	WÂDI HALFA	360	5	30	02	0	7	ci	11.7		27	39		22		27	6	0	27	
	62640	ABU HAMAD	20	13	30	03	2	7	ac	9.2		31	41		26		16	2	0		
	62660	KAREIMA	110	1	30	00	0	0	—	10.3		30	41		25		38	14	0	89	26
	62680	'ATBARA	250	9	30	02	2	8	ac,cs	9.6		29	39		26		52	18	0	40	66
	62721	KHARTUM	200	10	30	01	1	2	ac	11.1		28	35		24		66	21	0	49	151
	62730	KASSALA	50	2	30	01	9	3	ac	11.6		25	35		20		84	22	23	335	285
CENTRAL SUDÂN	62751	WÂD MEDANI	180	5	50	02	1	4	as	11.6		25	28		20		84	22	dr.	233	355
	62801	RENK																			454
	62802	ROSEIRES																	0	498	707
	62771	EL OBEID	200	4	30	02	2	6	ac,ci	11.5		27	29		24		74	22	0	274	316
	62760	EL FÂSHER	00	0	30	02	1	8	ac			25	32		23		70	19	0	177	298
	62770	GENEINA	230	3	30	21	6	7	sc			24	34		23		84	21	dr.		527
S. SUDÂN	62840	MALAKÂL	360	2	30	01	2	7	sc,ac	12.3		25	32		23		74	22	0	965	735
	62880	WÂU	120	5	30	03	2	7	sc.	11.6		23	31		22		94	22	0	1152	982
	62941	JUBA	00	0	30	03	1			11.8		25	31		21		74	22	0	708	884

HUMIDITY % Mean of day

STATION	7th	Diff from normal
Alexandria	64	-5
Ezbekiya	59	-4
Giza	61	-5
Helwân	52	-1

GIZA GRASS MINIMUM TEMP. ON 8th 10.0c

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

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

Remarks

RAWINSONDE

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

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

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

UPPER WIND OBSERVATIONS on 7th

STATION	Foad 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.
300	300	23			300	16																
600	300	24			300	17																
1000	300	32			300	15																
1500					310	29																
2000					310	21																
3000																						
4000																						
5000																						
6000																						
7000																						
8000																						

UPPER WIND OBSERVATIONS on 8th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABAD		LUXOR		ASWÂN		HURGHADA	
TIME	9		3 30		3						9		9		9				5			
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	320	5	310	13	290	22					300	7	10	11	320	13			360	10		
600	310	5	310	16	310	18							350	13	330	14			20	16		
1000			320	22	310	30							340	12	330	13			10	19		
1500			360	33	300	36							330	25	320	18			340	17		
2000													310	10	310	17						
3000																						
4000																						
5000																						
6000																						
7000																						
8000																						

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7				3				4		4						4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	120	4	340	11	360	13	30	16																
600	60	4	350	16	360	12	20	22			20	22			190	17	190	12					270	2
1000	50	8	340	14	360	13	10	21			30	10			200	18	200	12					230	1
1500	290	12	340	14	360	15					320	8			230	13	250	7					200	3
2000											110	3			310	8	300	2						
3000											130	1			60	15	330	2						
4000											160	12			90	24	10	13						
5000											150	13			90	15								
6000											130	17												
7000																								
8000																								

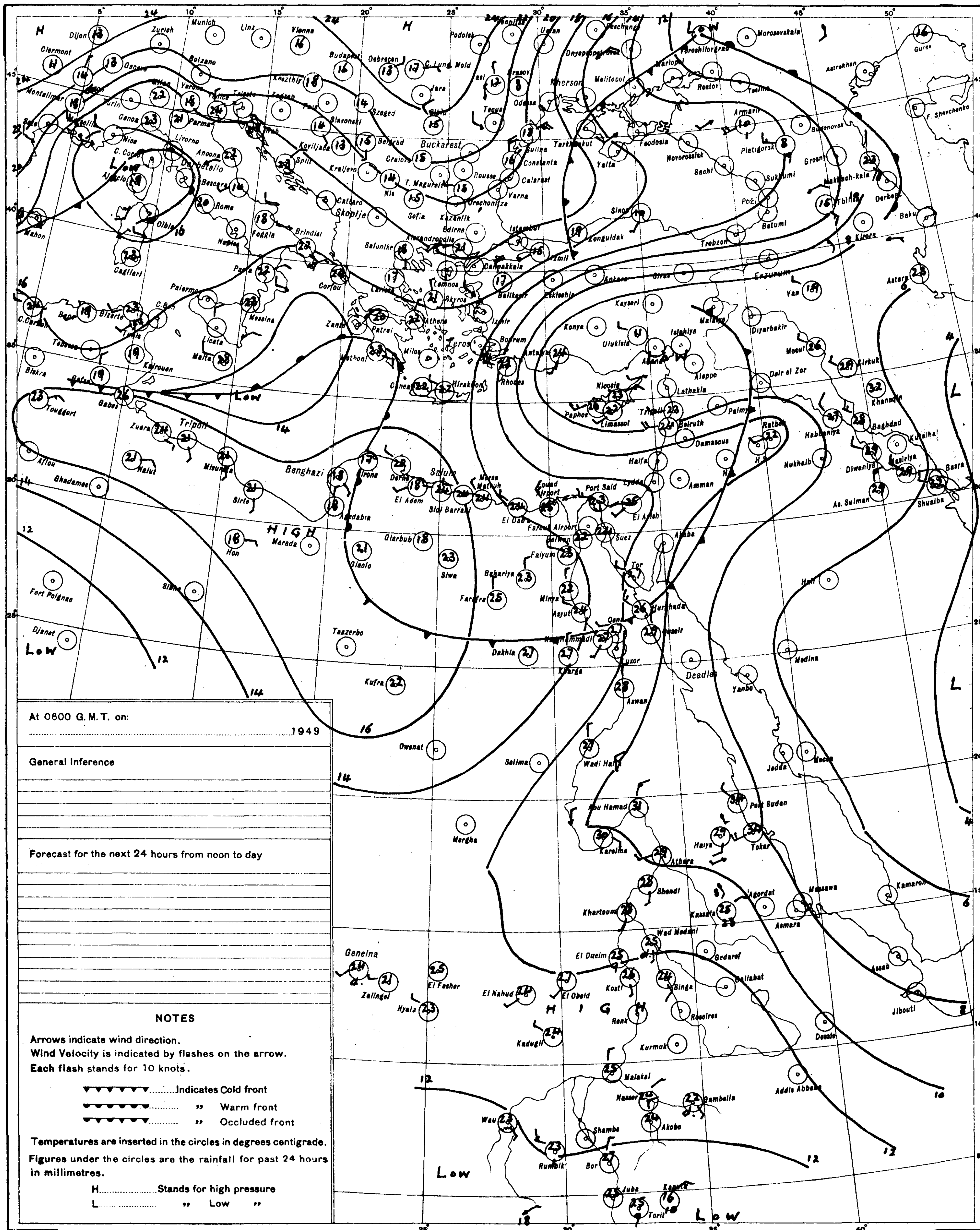
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

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

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON THURS. 8 - 9 - 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	Thunderstorm during the past hour	91	
Hail	Thunderstorm during the past hour	93	
	Thunderstorm with rain	95	
	,, ,, hail	96	
	,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

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

SCALE 1:15,000,000

F. G.

CAIRO
Time of Sunrise 03 36 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 9th September, , 1949

At 1200 on Thurs. 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	40	12	7	03	1	3	ac	15.0	26	62	18
	62303	SIDI BARANI	340	8	50	02	2	8	cu,cs	15.0	25	84	22
	62306	MATRUH	350	13	17	02	1	2	cu	15.3	26	55	16
	62309	EL DABA	320	6	35	00	0	0	—	14.8	26	55	16
		ALEXANDRIA	310	20	50	01	2	4	cu,sc	14.0	27	52	16
	62318	FOUAD (Airport)	300	16	18	02	1	4	cu	13.9	28	42	14
	62330	DAMIETTA	320	5	7	01	3	2	cu	13.5	26	55	16
	62333	PORT SAID	330	20	18	01	8	1	sc	12.5	27	62	19
	62336	EL 'ARISH	340	5	35	02	1	2	cu	12.7	28	45	15
LOWER EGYPT	62339	DAMANHUR	310	9	15	02	0	2	cu	14.3	28	52	17
	62342	MANSURA	270	13	15	03	1	4	cu	13.3	29	40	14
	62345	TANTA	310	13	35	01	1	3	cu	13.9	29	40	14
	62354	ZAGAZIG	290	5	35	02	1	3	ac	12.7	30	46	17
	62441	ISMAILIA	290	6	35	03	1	6	cu	12.4	29	40	14
CAIRO AREA	62369	FAROUK (Airport)	320	10	30	02	1	3	cu	13.3	29	29	9
	62372	ALMAZA											
		EZBEKIYA	320	4	35	00	0	0	—	12.8	29	35	12
		GIZA	320	4	35	00	0	0	—	13.4	29	39	14
	62378	HELWAN	340	8	35	01	1	3	cu	13.0	28	33	10
UPPER EGYPT	62381	FAIYUM	360	5	35	03	1	0	—	13.5	29	40	14
	62387	MINYA	20	10	12	00	1	0	—	14.2	30	31	11
	62393	ASYUT MANQABAD	340	13	30	00	0	0	—	13.6	30	31	11
	62399	NAG' HAMMADI	270	3	7	00	0	0	—	11.1	33	23	9
	62402	QENA	270	5	50	00	0	0	—	9.8	35	29	14
	62408	LUXOR											
	62414	ASWAN	290	7	50	00	0	0	—	9.8	36	25	13
OASES	62417	SIWA	00	0	35	00	0	0	—	17.2	33	34	15
	62420	BAHARIYA	360	5	35	02	0	0	—	13.8	30	31	11
	62426	FARAFRA	320	6	35	03	1	2	ac	15.2	31	28	10
	62432	DAKHLA	320	11	50	00	0	0	—	11.4	31	17	3
	62438	KHARGA	360	4	35	00	0	0	—	11.2	33	30	13
RED SEA	62459	SUEZ											
	62459	TOR	310	17	35	00	0	0	—	10.8	29	46	16
	62462	HURGHADA	340	19		00	0	0	—	9.5	28	62	20
	62465	QUSEIR	20	5	15	03	1	3	ci	9.3	28	70	22
	62641	PORT SUDAN	340	21	7	07	1	0	—	6.3	36	37	19
NORTH SUDAN	62600	WADI HALFA	340	5	30	03	1	4	ac	5.9	39	12	5
	62640	ABU HAMAD											
	62660	KAREIMA	90	1	30	00	0	1	ac	5.6	39	14	7
	62680	'ATBARA	250		30	03	1	6	cu,ac	5.0	39	17	10
	62721	KHARTUM	270	2	30	03	0	2	cu,ci	5.9	37	24	13
	62730	KASSALA	00	0	30	03	1	4	ac,ci	6.8	34	41	19
CENTRAL SUDAN	62751	WAD MEDANI	310	5	35	01	1	4	cu	6.8	34	32	15
	62801	RENK	230	5	50	01	1	4	cu	7.4	34	53	23
	62802	ROSEIRES	50	2	35	01	1	4	cu	8.6	31	59	22
	62771	EL OBEID	00	0	30	02	2	5	cu	7.8	32	46	19
	62760	EL FASHER	210	4	30	03	1	6	cu,ac		33	41	18
	62770	GENEINA	220	3	30	02	2	7	cu,ac		31	43	17
S. SUDAN	62840	MALAKAL	200	1	30	01	1	2	cu	7.7	31	55	21
	62880	WAU	310	20	30	03	1	7	sc,ac	7.4	32	49	20
	62941	JUBA	50	5	30	03	1	4	st,cs	7.2	31	52	20

At 1800 on Thurs. 8th

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms
62300	SALUM	320	5	7	01	2	1	ac	15.5	25	70	19	0
62303	SIDI BARANI	360	4	35	02	2	8	cs	15.4	22	88	20	0
62306	MATRUH	10	5	13	00	1	1		15.9	22	74	17	0
62309	EL DABA	320	7	35	00	0	0	—		23	74	18	0
	ALEXANDRIA	330	14	7	01	2		sc,cs	15.8	23	61	15	0
62318	FOUAD (Airport)	340	16	14	02	0	1	sc	15.1	23	57	14	0
62330	DAMIETTA	240	5		03	1	3	cu	14.0	24	69	18	0
62333	PORT SAID	310	16	14	02	0	1	sc	14.0	24	69	18	dr.
62336	EL 'ARISH	320	5	35	02	1	2	cu	14.8	24	61	16	0
62339	DAMANHUR	360	5	15	02	0	0	—	15.1	21	74	16	0
62342	MANSURA	360	5		00	1	0	—	15.6	23	61	15	0
62345	TANTA	310	2	35	01	1	3	cu	15.9	21	65	14	0
62354	ZAGAZIG	270	2	35	00	1	0	—	16.2	21	64	18	0
62441	ISMAILIA	340	5	35	01	0	0	—	14.0	24	54	14	0
62369	FAROUK (Airport)												
62372	ALMAZA	350	9	12	00	0	0	—	14.7	24	54	14	0
	EZBEKIYA	340	3	15	00	0	0	—	15.2	24	54	14	0
	GIZA	340	3	15	00	0	0	—	15.6	23	58	15	0
62378	HELWAN	340	11	7	01	0	0	—	15.0	24	47	12	0
62381	FAIYUM	360	2	35	01	0	0	—	14.4	26	42	12	0
62387	MINYA	00	0	10	00	0	0	—	14.0	23	50	12	0
62393	ASYUT MANQABAD												
62399	NAG' HAMMADI	00	0		00	0	0	—	11.4	25	54	15	0
62402	QENA	270	2	7	00	0	0	—	10.3	29	35	12	0
62408	LUXOR	320	10	12	00	0	0	—	10.5	29	27	8	0
62414	ASWAN	360	4	50	00	0	0	—	10.2	33	24	10	0
62417	SIWA	00	0	35	00	0	0	—	16.4	24	38	7	0
62420	BAHARIYA	360	4	15	02	0	0	—	14.8	25	42	11	0
62426	FARAFRA	200	36	15	02	0	0	—	11.8	28	15	-1	0
62432	DAKHLA	320	2	35	00	0	0	—	12.0	27	33	7	0
62438	KHARGA	00	0	15	00	0	0	—	11.6	29	27	8	0
62459	SUEZ												
62459	TOR	310	9	15	00	0	0	—		27	70	21	0
62462	HURGHADA	300	16		02	0	1	ci	11.0	27	62	19	0
62465	QUSEIR	360	9	15	01	1	2	ci	10.6	27	52	16	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 9th September,

INDEX NUMBER	STATION	WIND 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.	STATION
62300	SALUM	320	3	7	01	0	1	ac	16.3		24	27		17		74	19	0			SALUM
62303	SIDI BARANI	340	5	50	02	2	3	cu,ci	17.4?		24	26		17		74	19	0	278		SIDI BARANI
62306	MATRUH	360	7	14	03	1	3	cu	16.6		23	28		17		65	16	0			MATRUH
62309	EL DABA	320	3				2		16.3		24			16		54	14	0			EL DABA
	ALEXANDRIA	310	10	50	02	2	6	cu,sc	16.2	+3.3	24	27	-3	22	-1	61	16	0	267	186	ALEXANDRIA
62318	FOUAD (Airport)	330	12	14	01	1	4	cu	15.4		25	28		22		58	16	0	265	138	FOUAD (Airport)
62330	DAMIETTA	220	2		02	1	3	cu	14.8	+2.8	22	27		16		84	19	0	320	106	DAMIETTA
62333	PORT SAID	270	9	12	02	0	1	sc	14.8		23	28		20		78	19	dr.	72		PORT SAID
62336	EL 'ARISH	220	5	35	02	1	2	cu	14.8	+2.8	24	29	-1	19	-1	61	16	0		94	EL 'ARISH
62339	DAMANHUR	310	5	7	02	1	2	cu	15.2	+2.5	23	29	-3	17	-2	74	18	0	102	101	DAMANHUR
62342	MANSURA	360	5	35	00	1	0	—	15.6	+3.3	24	29	-4	16	-4	69	18	0	49	55	MANSURA
62345	TANTA	270		35	01	1	2	cu	15.1	+2.4	22	29	-4	13	-5	74	17	0	34	44	TANTA
62354	ZAGAZIG	220	2	15	00	0	0	—	14.6	+1.7	23	30	-4	17	-2	65	16	0	21	27	ZAGAZIG
62441	ISMAILIA	290	2	35	01	0	0	—	15.1		23	31		19		65	16	0	14		ISMAILIA
62369	FAROUK (Airport)	320	6	12	03	1	2	sc	16.0		21			19		65	14	0			FAROUK (Airport)
62372	ALMAZA	320	4	12	03	0	1	sc	15.7		22			17		69	16	0			ALMAZA
	EZBEKIYA	340	3	15	00	0	3	sc	16.0	+3.5	23	30	-3	18	-3	69	17	0	8	26	EZBEKIYA
	GIZA	340	3	15	00	0	3	sc,cu	15.5	+3.0	22	30	-3	15	-3	66	15	0	16	27	GIZA
62378	HELWAN	00	0	7	06	0	1	cu	15.8	+3.6	21	29	-4	18	-2	65	14	0	16	29	HELWAN
62381	FAIYUM	360	5	35	02	0	0	—	16.4	+4.1	22	30	-4	17	-3	65	15	0	8	8	FAIYUM
62387	MINYA	20	8	10	00	0	0	—	15.6		21	31		15		65	14	0	5		MINYA
62393	ASYUT MANQABAD	350	5	30	00	0	0	—	14.5		24			17		47	12	0	dr.		ASYUT MANQABAD
62399	NAG' HAMMADI	320	2		00	0	0	—	12.2	+2.2	25	34		20		54	15	0	0		NAG' HAMMADI
62402	QENA	270	2	35	00	0	0	—	11.8	+2.3	28			22	-1	45	15	0	dr.		QENA
62408	LUXOR											35							dr.		LUXOR
62414	ASWAN	360	6	50	00	0	0	—	12.0	+2.8	25	38	-2	22	-3	54	15	0	2		ASWAN
62417	SIWA	00	0	35	00	0	0	—	17.2	+2.7	22	33	-3	16	-2	57	13	0	1	8	SIWA
62420	BAHARIYA	360	2	35	02	0	0	—	16.3	+3.4	22	31	-3	16	-3	74	17	0	dr.	7	BAHARIYA
62426	FARAFRA	00	0	15	02	0	0	—	16.2		23	32		17		50	12	0	dr.		FARAFRA
62432	DAKHLA	00	0	35	00	0	0	—	14.3	+2.4	25	35	-2	20	-1	34	8	0	dr.		DAKHLA
62438	KHARGA	360	2	35	00	0	0	—	13.6	+2.7	23	34	-3	20	-2	57	14	0	0		KHARGA
62459	SUEZ	360	9	35	02	0	1	cu	14.4	+3.0	23					61	15	0	12	17	SUEZ
62459	TOR	300	9	35	00	0	0	—	11.4	+2.6	26	31	-1	24	+1	62	18	0	dr.	13	TOR
62462	HURGHADA	320	20		00	0	0	—	11.2		24	28		20		74	19	0	7		HURGHADA
62465	QUSEIR	360	24	15	02	0	0	—	11.0	+2.3	26	33	0	25	-1	55	16	0	0	4	QUSEIR
62641	PORT SUDAN	300	10	30	01	2	6	ac	7.5		33	37				41	18	0	61	106	PORT SUDAN
62600	WADI HALFA	10	13	30	02	0	1	ci	11.6		26	39		21		35	9	0	27		WADI HALFA
62640	ABU HAMAD	20	18	4	32	0	0	—	7.9		30	40		26		18	3	0			ABU HAMAD
62660	KAREIMA	20	13	30	00	0	0	—	8.8		31	40		26		19	5	0	89	26	KAREIMA
62680	'ATBARA	360	9	30	00	0	0	—	7.2		31	40		27		26	9	0	40	66	'ATBARA
62721	KHARTUM	240	8	30	01	1	1	ac	7.4		29	38		28		55	19	0	49	151	KHARTUM
62730	KASSALA	180	9	30	01	0	1	ac	8.6		25	35		21		70	19	0	335	288	KASSALA
62751	WAD MEDANI	180	5	50	01	1	4	ac,ci	7.6		27	35		22		70	21	1	234	357	WAD MEDANI
62801	RENK																			457	RENK
62802	ROSEIRES																	0	498	715	ROSEIRES
62771	EL OBEID	00	0	30	03	1	6	ac	8.4		27	33		25		70	21	0	274	319	EL OBEID
62760	EL FASHER	50	3	30	01	1	3	ac			27	37		23		58	18	0	177	299	EL FASHER
62770	GENEINA	60	5	30	01	1	6	ac			22	34		19		78	18	0		530	GENEINA
62840	MALAKAL	00	0	30	02	0	7	cu,cs	8.7		25	33		22		84	22	0	965	740	MALAKAL
62880	WAU	00	0	30	03	1	7	cs	8.8		25			23		88	23	0	1152	988	WAU
62941	JUBA																	0	708	688	JUBA

HUMIDITY

Mean of day

STATION	on 8th	Diff. from normal
Alexandria	55	-13
Ezbekiya	54	-9
Giza	58	-8
Helwan	53	0

GIZA
GRASS MINIMUM TEMP.
ON 9th 10.9 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On 8th At 15

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 8th At 15

PRESSURE mbs	HEIGHT ABOVE M.S.L. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	114	24	40	330	10
950					
900					
850	1518	14	72	310	15
800					
700	3135	9	—	290	26
600					
500	5852	-5	—	230	31
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 8th

STATION	Matruh		Foad A.P.		Minya		Luxor	
TIME	15		15		15		15	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	310	18	300	23	360	17	330	13
600	330	19	310	18	360	16	320	12
1000	330	16	320	25	360	16	320	13
1500	360	14	320	36	340	19	340	14
2000			310	38	350		360	14
3000			310	30			340	18
4000								
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 9th

STATION	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SAID		EL 'ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA		Almaza	
TIME			4	15	3								3	15	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			330	13	340	16							20	19	360	20							300	4
600			330	14	320	19							10	24	350	13							350	11
1000			330	13	320	16							360	21	340	14							340	14
1500			330	23	320	12							350	29	340	15							360	16
2000					10	9																	360	12
3000					340																		310	15
4000																								
5000																								
6000																								
7000																								
8000																								

STATION	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME	9		9		9		7		4														4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	140	6	10	8	20	16	10	15	20	21														
600	120	4	360	10	10	16	10	19	20	38													90	7
1000	50	7	360	14	360	21	10	22	350	23													50	7
1500	330	8					360	35	350	14													310	5
2000	350	14																						
3000	360	18							340	7													40	18
4000	30	7																						
5000	320	17																						
6000																								
7000																								
8000																								

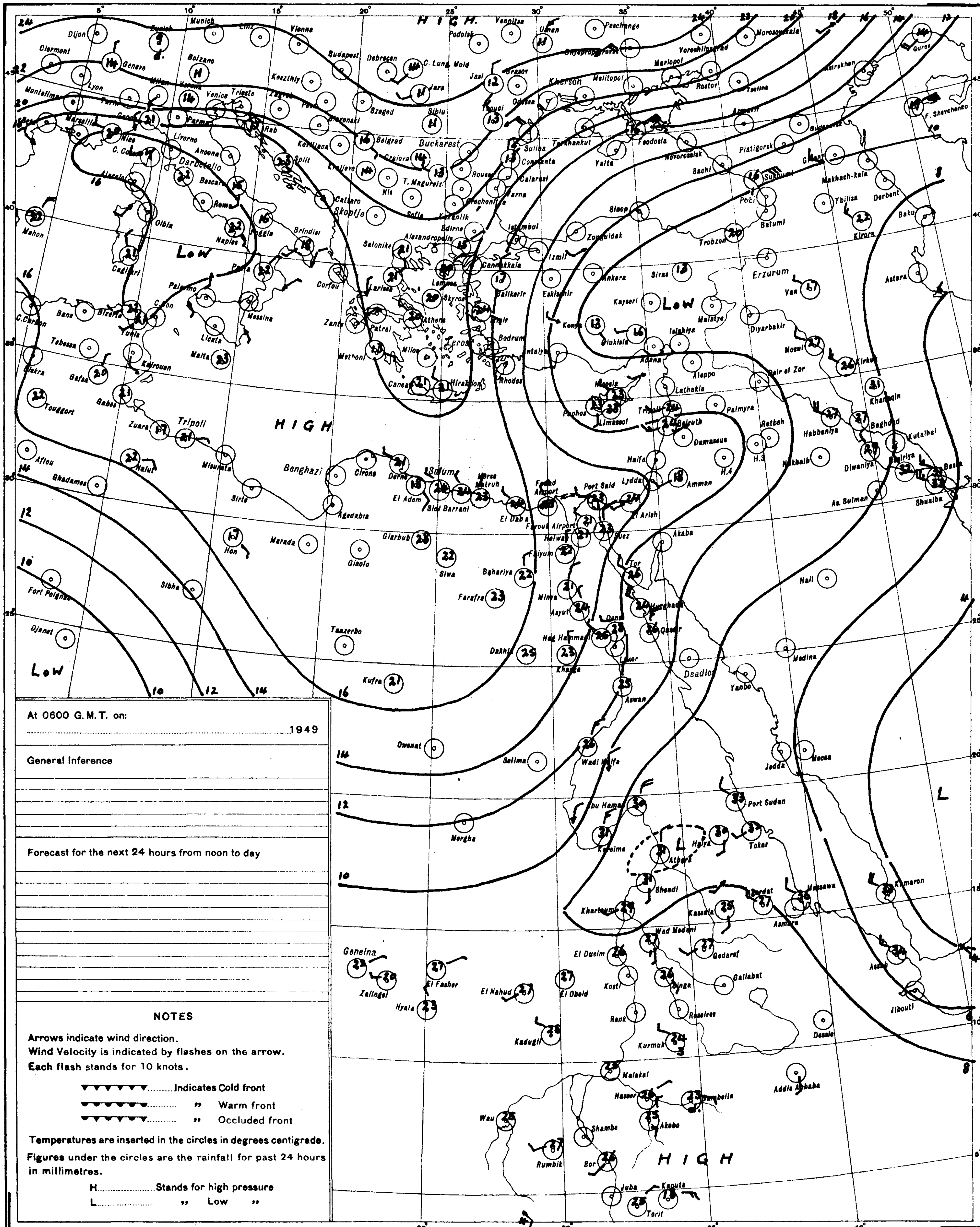
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

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

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON FRI. 9 - 9 - 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	Thunderstorm during the past hour	91
Hail		93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	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 36 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 : Saturday 10th September, 1949

At 1200 on Fri. 9th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C
MEDITERRANEAN	62300	SALÛM	320	11	7	03	1	2	ac	17.7	26	62	18
	62303	SÎDI BARÂNI	360	9	50	02	2	8	cs	17.5	25	74	20
	62306	MATRÛH	20	9	18	01	1	2	Cu	17.1	26	48	14
	62309	EL DABʻA	320	7	35	01	1	2		15.5	25	54	15
		ALEXANDRIA	310	20	50	01	2		Sc Cu	15.6	25	61	17
	62318	FOUAD (Airport)	340	45	18	02	1	4	Cu	15.5	26	55	16
	62330	DAMIETTA	320	2	15	02	1	2	Cu	14.6	25	94	24
	62333	PORT SAʻÎD	350	11	30	02	0	1	Sc	14.5	25	71	19
	62336	EL ʻARÎSH	320	5	35	01	0	1	Cu	14.6	27	84	24
LOWER EGYPT	62339	DAMANHÛR	310	13	15	02	1	2	Cu	15.2	27	66	20
	62342	MANṢÛRA	320	13	35	02	1	3	Cu	14.8	28	45	15
	62348	TANṬA	310	13	35	01	1	4	Cu	15.0	29	40	14
	62354	ZAGAZIG	320	5	35	00	0	0	—	13.4	31	49	19
	62441	ISMAʻÎLÎA	20	5	35	03	1	6	Cu	14.6	29	46	16
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMÀZA											
		EZBEKÎYA	340	4	35	00	0	0	—	13.9	29	40	14
		GÎZA	340	4	35	00	0	0	—	14.6	29	35	12
	62378	HELWÂN	340	11	35	01	0	1	Cu	13.6	28	40	13
UPPER EGYPT	62381	FAIYÛM	360	8	35	02	0	0	—	13.9	29	40	14
	62387	MINYA	20	14	12	00	0	0	—	13.2	29	49	17
	62393	ASYÛT MANQABAD	360	17	30	00	0	0	—	11.5	31	24	8
	62399	NAGʻ HAMMÂDI	290	2	7	00	0	0	—	8.8	33	21	8
	62402	QENA	270	2	50	00	0	0	—	8.4	36	28	13
	62405	LUXOR											
	62414	ASWÂN	320	9	50	00	0	0	—	8.2	35	29	14
OASES	62417	SÎWA	270	5	35	00	0	0	—	17.0	32	34	14
	62420	BAHARÎYA	360	4	35	02	0	0	—	14.7	30	35	13
	62423	FARAFRA	360	5	35	02	0	0	—	14.8	31	28	10
	62432	DAKHLA	320	11	50	00	0	0	—	12.9	31	17	3
	62435	KHARGA	260	11	7	07	0	0	—	11.8	32	28	11
RED SEA	62450	SUEZ	360	2	50	02	0	1	Cu	12.4	29	35	12
	62459	TÛR	310	15	35	00	0	0	—		27	70	21
	62462	HURGHÂDA	330	16		00	0	0	—	9.5	27	74	22
	62465	QUSEIR	360	19	15	02	0	0	—	9.3	29	52	18
	62641	PORT SUDÂN	340	20	4	07	0	0	—	4.1	34	59	25
NORTH SÛDÂN	62600	WÂDI HALFA	360	26	30	00	0	0	—	7.9	33	23	9
	62640	ABU ḤAMAD	360	9	30	00	0	0	—	4.1	38	13	5
	62660	KAREIMA	360	13	10	00	0	0	—	4.1	38	21	12
	62680	ʻATBARA	340	9	30	03	0	1		2.5	39	13	6
	62721	KHARTÛM	20	13	10	06	0	0	—	2.1	40	8	0
	62730	KASSALA											
CENTRAL SÛDÂN	62751	WÂD MEDANI											
	62801	RENK	230	2	50	02	1	4	Cu	4.0	34	53	23
	62802	ROSEIRES											
	62771	EL OBEID	360	2	30	01	1	3	Cu,ac	3.5	34	36	17
	62760	EL FÂSHER	90	7	30	02	1	6	Ci		35	22	10
	62770	GENEINA	70	13	30	01	0	5	Cu,ac		33	26	11
S. SÛDÂN	62840	MALAKÂL	310	1	30	17	2	7	cb,Ci	3.5	32	56	22
	62880	WÂU	200	2	30	02	2	6	Cu	3.9	34	41	19
	62941	JUBA											

At 1800 on Fri. 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	RAIN PAST 12 hrs mms
MEDITERRANEAN	62300	SALÛM	320	5	7	00	1	0	—	16.7	24	61	16	0
	62303	SÎDI BARÂNI	20	8	35	01	1	0	—	16.9	23	74	18	0
	62306	MATRÛH	20	10	13	00	1	0	—	16.0	22	65	15	0
	62309	EL DABʻA	320	4	15	00	0	0	—	14.0	24	61	16	0
		ALEXANDRIA	360	15	7	03	2		Sc Cu	15.8	23	65	16	0
	62318	FOUAD (Airport)	360	16	14	02	1	3	Sc	15.3	22	69	16	0
	62330	DAMIETTA	320	2		02	1	3	Cu	14.0	23	89	21	0
	62333	PORT SAʻÎD	360	10	18	01	1	4	Sc	14.2	24	69	18	0
	62336	EL ʻARÎSH	340	2	15	02	0	1	Cu		24	61	16	0
LOWER EGYPT	62339	DAMANHÛR	360	9	15	02	0	0	—	15.6	21	74	16	0
	62342	MANṢÛRA	320	5		00	1	0	—	15.4	22	74	17	0
	62348	TANṬA	310	2	35	02	1	0	—	16.5	22	65	15	0
	62354	ZAGAZIG	320	2	35	00	0	0	—	13.4	22	74	17	0
	62441	ISMAʻÎLÎA	20	5	35	02	0	0	—	14.2	24	61	16	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMÀZA	360	12	12	00	0	0	—	14.2	24	57	15	0
		EZBEKÎYA	340	4	15	00	0	0	—	14.8	23	65	16	0
		GÎZA	340	4	15	00	0	0	—	15.5	22	64	15	0
	62378	HELWÂN	360	13	15	01	0	0	—	14.3	24	54	14	0
UPPER EGYPT	62381	FAIYÛM	360	2	35	02	0	0	—	13.3	26	42	12	0
	62387	MINYA	360	5	10	00	0	0	—	12.9	22	57	13	0
	62393	ASYÛT MANQABAD												
	62399	NAGʻ HAMMÂDI	00	0		00	0	0	—	9.3	25	54	15	0
	62402	QENA	270	2	7	00	0	0	—	8.6	28	40	13	0
	62405	LUXOR	270	3	12	00	0	0	—	8.1	29	20	4	0
	62414	ASWÂN	360	5	50	00	0	0	—	7.6	33	26	11	0
OASES	62417	SÎWA	00	0	35	00	0	0	—	16.2	27	42	13	0
	62420	BAHARÎYA	360	5	15	02	0	0	—	14.6	25	42	11	0
	62423	FARAFRA	360	4	15	02	0	0	—	14.4	30	21	5	0
	62432	DAKHLA	320	6	35	00	0	0	—	9.9	28	22	4	0
	62435	KHARGA	360	4	15	00	0	0	—	11.5	29	35	12	0
RED SEA	62450	SUEZ	360	5	35	01	0	0	—	13.6	24	54	14	0
	62459	TÛR	310	6	15	00	0	0	—	9.5	26	70	20	0
	62462	HURGHÂDA	290	13		00	0	0	—	9.1	26	62	19	0
	62465	QUSEIR	330	13	15	02	0	0	—	9.1	26	62	18	0
	62641	PORT SUDÂN												
NORTH SÛDÂN	62600	WÂDI HALFA												
	62640	ABU ḤAMAD												
	62660	KAREIMA												
	62680	ʻATBARA												
	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 10th September,

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL mms. Total From Oct. 1st.	RAINFALL mms. Normal From Oct. 1st.	STATION
MEDITERRANEAN	62300	SALÛM	320	9	7	00	0	0	—	17.2		24	26		16		61	16	0			SALUM
	62303	SÎDI BARÂNI	340	9	50	03	2	8	Cu, Cs	16.9		24	26		20		74	19	0	278		SÎDI BARÂNI
	62306	MATRÛH	20	10	18	02	1	4	Sc	16.3		23	27		21		65	16	0			MATRÛH
	62309	EL DABʻA	320	7	15	01	1	3		15.2		24	27		20		61	16	0			EL DABʻA
		ALEXANDRIA	360	9	50	03	2		Sc Cu	15.9	+2.9	24	27	-3	21	-2	61	16	0	267	186	ALEXANDRIA
	62318	FOUAD (Airport)	20	8	18	03	2	5	Sc	15.2		24	28		19		61	16	0	265	138	FOUAD (Airport)
	62330	DAMIETTA	20	2	7	01	0	2	Cu	14.8	+2.6	25	27		16		94	24	0	320	106	DAMIETTA
	62333	PORT SAʻÎD	70	5	15	03	0	2	Sc	14.4		25	27		23		65	18	0	72		PORT SAʻÎD
	62336	EL ʻARÎSH	160	2	35	02	0	1	Cu	14.6	+2.5	22	28	-2	16	-4	65	15	0		94	EL ʻARÎSH
LOWER EGYPT	62339	DAMANHÛR	90	5	7	02	0	0	—	15.6	+2.8	23	28	-4	17	-2	74	18	0	102	101	DAMANHÛR
	62342	MANṢÛRA	20	5	35	00	0	0	—	15.2	+2.8	23	30	-3	19	0	74	18	0	49	55	MANṢÛRA
	62348	TANṬA	310	2	35	02	0	0	—	15.0	+2.2	22	29	-4	13	-5	74	17	0	34	44	TANṬA
	62354	ZAGAZIG	320	2	15	00	0	0	—	15.0	+2.0	24	31	-3	17	-1	69	18	0	21	27	ZAGAZIG
	62441	ISMAʻÎLÎA	20	2	35	01	1	2	Cu	14.4		25	31		19		61	17	0	14		ISMAʻÎLÎA
CAIRO AREA	62366	FAROUK (Airport)	20	3	12	00	0	0	—	14.7		22			18		69	16	0			FAROUK (Airport)
	62372	ALMÀZA	360	7	12	00	1	0	—	14.3		21	29		18		83	18	0			ALMÀZA
		EZBEKÎYA	360	3	15	00	0	4	Sc..	14.8	+2.2	22	30	-3	18	-2	74	17	0	8	26	EZBEKÎYA
		GÎZA	360	3	15	00	0	4	Sc..	15.0	+2.4	24	30	-2	18	0	69	18	0	16	27	GÎZA
	62378	HELWÂN	360	10	15	00	0	1	St.	14.3	+2.0	22	29	-4	19	-1	65	15	0	16	29	HELWÂN
UPPER EGYPT	62381	FAIYÛM	360	5	35	03	0	1	Cu, Sc	13.8	+1.4	22	30	-4	17	-3	74	17	0	8	8	FAIYÛM
	62387	MINYA	20	12	10	00	2	1	Cu	14.3		21	30		16		74	16	0	5		MINYA
	62393	ASYÛT MANQABAD	340	12	30	00	0	0	—	12.8		22			17		65	15	0	dr.		ASYÛT MANQABAD
	62399	NAGʻ HAMMÂDI	320	3	7	00	0	0	—	11.1	+1.0	25	35		19		54	15	0	0		NAGʻ HAMMÂDI
	62402	QENA	240	5	35	00	0	0	—	10.2	+0.6	24	39	0	20	-3	54	14	0	dr.		QENA
	62405	LUXOR											36							dr.		LUXOR
	62414	ASWÂN	360	16	50	00	0	0	—	9.3	0.0	26	36	-4	22	-3	48	14	0	2		ASWÂN
OASES	62417	SÎWA	00	0	35	00	0	0	—	18.0	+3.4	22	33	-3	15	-3	57	13	0	1	8	SÎWA
	62420	BAHARÎYA	360	4	35	02	1	4	ac	15.6	+2.3	21	31	-4	17	-2	74	16	0	dr.	7	BAHARÎYA
	62423	FARAFRA	360	4	15	02	0	0	—	15.9		20	32		16		83	17	0	dr.		FARAFRA
	62432	DAKHLA	340	11	35	00	0	0	—	13.4	+1.4	22	32?	-5	19	-2	50	11	0	dr.		DAKHLA
	62435	KHARGA	360	9	35	00	0	0	—	12.2	+1.2	24	33	-4	20	-2	61	16	0	0		KHARGA
RED SEA	62450	SUEZ	360	3	50	00	0	0	—	13.5	+2.0	22	31	-3	18	-4	74	17	0	12	17	SUEZ
	62459	TÛR	310	9	35	00	0	0	—	11.1	+2.2	25	28	-4	23	0	74	20	0	dr.	13	TÛR
	62462	HURGHÂDA	310	22?		00	0	0	—	9.4		24			21		79	20	0	7		HURGHADA
	62465	QUSEIR	360	13	15	02	0	0	—	9.0	+0.3	27	29	-4	24	-2	52	16	0	0	4	QUSEIR
	62641	PORT SUDÂN	250	2	10	01	1	2	ac	5.4		31	36		26		46	18	0	61	106	PORT SUDÂN
NORTH SÛDÂN	62600	WÂDI HALFA	360	20	30	03	1	1	ac,Ci	9.3		25	36		21		36	9	0	27		WÂDI HALFA
	62640	ABU ḤAMAD	360	9	30	03	1	8	ac	6.5		28	39		26		19	2	0			ABU ḤAMAD
	62660	KAREIMA	360	8	30	02	1	7	ac	7.9		28	39		24		19	2	0	89	26	KAREIMA
	62680	ʻATBARA	340	9	30	02	2	8	ac,Ci	5.3		29	40		25		29	9	0	[illegible]	66	ʻATBARA
	62721	KHARTÛM	310	6	30	02	1	6	ac	6.8		29	41		25		20	4	0	49	152	KHARTÛM
	62730	KASSALA	180	6	30	01	1	4	ac	6.6		28	35		22		70	22	0	335	290	KASSALA
CENTRAL SÛDÂN	62751	WÂD MEDANI	200	5	35	01	1	2	ac	10.1		28	28		21		70	22	0	234	359	WÂD MEDANI
	62801	RENK	230	2	35	01	1	4		8.3		26	31		22		79	22	0		460	RENK
	62802	ROSEIRES																	0	4.48	723	ROSEIRES
	62771	EL OBEID	350	9	30	01	2	4	Ci	8.1		27	35		22		27	6	0	274	322	EL OBEID
	62760	EL FÂSHER	190	2	30	02	0	7	Ci			24	26		19		47	12	0	177	300	EL FÂSHER
	62770	GENEINA	40	4	30	02	2	8	as			21	35		16		57	12	0		533	GENEINA
S. SÛDÂN	62840	MALAKÂL	250	0	30	02	2	8	st	7.4		24	33		19		74	23	4	95a	745	MALAKÂL
	62880	WÂU	160	5	30	00	2	6	Sc	11.4		21	35		21		95	21	4	1156	994	WÂU
	62941	JUBA	270	2	30	01	6	7	Sc,ac	10.9		24	33		21		84	21	3	711	892	JUBA

HUMIDITY % Mean of day

STATION	on 9th	Diff. from normal
Alexandria	61	-7
Ezbekiya	61	-2
Giza	60	-6
Helwân	56	+3

GÎZA

GRASS MINIMUM TEMP. ON 10th 11.0 °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.	STATION	Foad A.P. TIME 15 DIR.	VEL.			Minya TIME 15 DIR.	VEL.																
300		330	26			360	23																
600		330	30			360	29																
1000		330	17			360	23																
1500		340	28			10	24																
2000		340	11			350	10																
3000		330	13																				
4000																							
5000																							
6000																							
7000																							
8000																							

UPPER WIND OBSERVATIONS on 10th

STATION	SÎDI BARÂNI TIME 9		MATRÛH TIME 5		FOUAD AIRPORT		PORT SAʻÎD		EL ʻARÎSH		HELWÂN TIME 9		MINYA TIME 3		ASYÛT MANQABAD TIME 9		LUXOR		ASWÂN TIME 5		HURGHADA		Almaza TIME 4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	360	7	10	16	280	16					20	17	360	23	320	12			360	15			10	11
600	360	8	360	16	270	19					40	36	10	28	350	18			10	23			30	11
1000	10	6	350	10	280	18					10	8	20	28	350	23			20	18			30	13
1500	320	9			20	13					30	21	20	27	360	12			270	13				
2000	320	9									30	16			310	2			190	9				
3000	350	9													330	11			190	12				
4000	320	10													230	17			210	17				
5000	310	7																						
6000	270	8																						
7000																								
8000																								

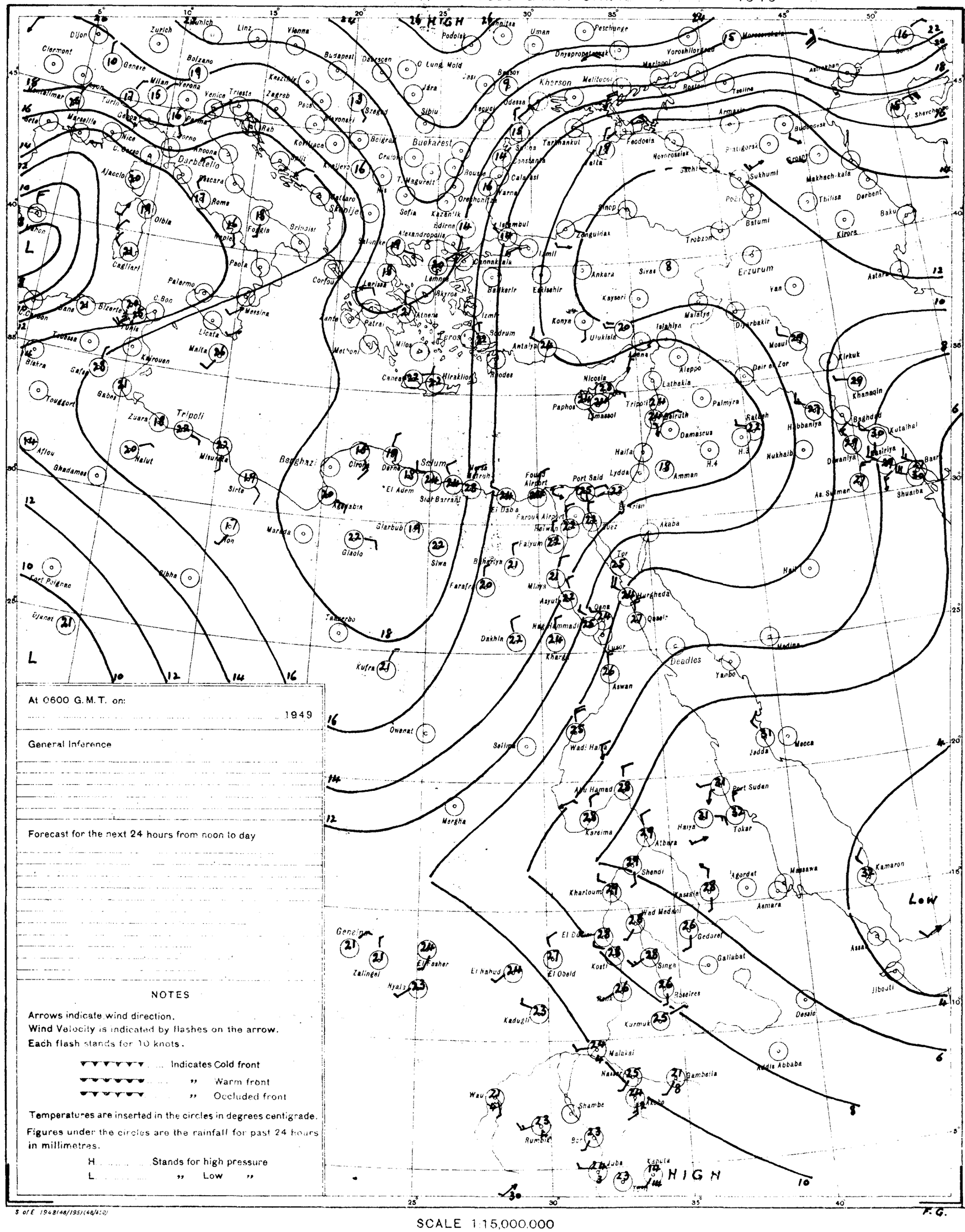
STATION	SÎWA TIME 9		BAHARÎYA TIME 9		DAKHLA TIME 9		KHARGA TIME 7		WÂDI HALFA TIME 9		ABÛ ḤAMAD TIME 7		KAREIMA TIME 9		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL TIME 4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	30	7	10	32	360	12	10	14	10	13														
600	40	10	360	44	350	12	360	21	20	19			40	13									210	16
1000	20	12	10	58	10	17	350	15	10	20	40	8	30	12									230	15
1500	20	16					330	5	350	9	20	7	30	17									260	8
2000	30	11					220	14			40	8	360	6										
3000	30	14					210	41	330	4	70	9											140	11
4000	40	12					210	22	310	4														
5000	20	9							300															
6000	310	10																						
7000	290	8																						
8000	320	15																						

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

Note: All times G. M. T.

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

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON SAT. 10 - 9 - 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	V
	Drizzle	20	,
	Rain	21	•
	Showers of rain	25	•
	,, ,, hail	27	•
	Fog	28	≡
	Thunderstorm	29	⌇
Duststorm or Sandstorm		31	≡
Fog		45	≡
Drizzle		50	,
Rain		60	•
Showers of rain		80	•
,, ,, hail		87	•
Rain / Hail } Thunderstorm during the past hour		91	⌇•
		93	⌇•
Thunderstorm with rain		95	⌇•
,, ,, hail		96	⌇•
,, ,, Sandstorm		98	⌇≡

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

SCALE 1:15,000,000

S of E 1948(48/195)(46/420)

CAIRO
Time of Sunrise 03 37 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 11th September, 1949

At 1200 on Satur 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											
	62303	Sidi Barani	20	13	50	02	2	8	Cs	18.8	25		20
	62306	Matruh	30	12	17	10	0	0	—	17.2	26	5	10
	62309	El Daba	320	4	35	01	1	1		16.7	26	55	16
		Alexandria	330	19	50	01	2		Sc,Cu	15.4	25	52	17
	62318	Fouad (Airport)	340	12	18	02	0	0	—	15.2	27	52	16
	62330	Damietta	20	2	7	03	1	5	Cu	14.3	26	70	20
	62332	Port Said	20	12	30	02	0	4	Sc	13.6	28	62	20
	62336	El Arish	320	5	35	01	0	0	—	13.9	26	62	18
Lower Egypt	62333	Damanhur	90	9	15	02	1	2	Cu	15.0	28	52	17
	62342	Mansura	20	13	35	03	1	3	Cu	14.3	29	46	16
	62345	Tanta	310	13	35	01	1	3	Cu	14.6	30	46	17
	62354	Zagazig	40	5	35	02	1	3	Ac	13.6	30	52	19
	62440	Ismailia	20	5	35	01	1	2	Cu	12.4	30	35	13
Cairo Area	62366	Farouk (Airport)	360	10	30	02	1	1	Cu	13.0	30	33	12
	62368	Almaza	20	15	13	02	1	2	Sc	12.9	29	20	4
		Ezbekiya	320	5	35	00	0	0	—	13.0	30	43	16
		Giza	320	5	35	00	0	0	—	13.4	29	52	18
	62378	Helwan	360	12	35	02	0	0	—	12.2	30	40	13
Upper Egypt	62381	Faiyum	360	2	35	01	0	0	~	12.6	30	35	13
	62387	Minya	30	15	12	00	1	0	—	12.2	30	32	12
	62393	Asyut	350	15	30	00	0	0	—	11.1	31	28	10
	62395	Nag Hammadi	270	4	15	00	0	0	—	8.5	32	34	14
	62402	Qena	270	5	50	00	0	0	~	7.4	37	35	19
	62405	Luxor											
	62414	Aswan	340	3	50	00	0	0	—	6.3	37	24	13
Oases	62417	Siwa											
	62420	Bahariya	360	5	35	02	1	0	—	13.9	30	35	13
	62423	Farafra	360	5	15	02	0	0	—	15.2	30	35	13
	62432	Dakhla	320	11	50	00	0	0	—		30	16	1
	62435	Kharga	360	9	35	00	0	0	—	11.5	32	28	11
Red Sea	62450	Suez	360	9	50	02	0	0	—	11.5	30	35	13
	62456	Tor	310	14	35	00	0	0	—		28	70	22
	62463	Hurghada	340	16		00	0	0	—	8.0	27	84	24
	62465	Quseir	360	13	15	02	0	0	—	7.1	29	66	22
	62641	Port Sudan	340	16	35	18	1	2		3.7	34	47	21
North Sudan	62600	Wadi Halfa											
	62640	Abu Hamad	90	3	30	03	1	6	Cc,Ci	2.6	39	13	6
	62660	Kareima	40	5	30	00	1	2	Ac	3.8	38	15	7
	62680	Atbara	110	9	30	03	2	6	Ac	1.2	40	19	12
	62721	Khartum	310	10	35	01	1	1	Ac	0.5	40	9	1
	62730	Kassala	00	0	30	00	1	0	—	0.8	37	35	19
Central Sudan	62751	Wad Medani											
	62801	Renk	240	13	50	21	1	7	Cu	6.2	29	66	22
	62832	Roseires	230	2	35	02	0	0	~	7.0	31	55	21
	62771	El Obeid	300	19	30	01	2	2	Ci	4.2	33	23	9
	62760	El Fasher	220	3	30	02	1	7	Cs		33	23	9
	62770	Geneina	320	2	30	02	2	4	Cu,Ci		31	29	11
S. Sudan	62840	Malakal	160	9	10	95	9	8	Fs,Fc.	11.1	19	94	19
	62880	Wau	130	10	30	02	8	8	Sc	8.7	27	62	19
	62941	Juba	360	5	30	03	2	8	Sc,Cu	8.1	29	62	21

At 1800 on Satur 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	[illegible]	5	7	02	0	0	—	17.9	24	69	18	0
Sidi Barani	20	8	35	01	1	0	—	17.5	23	84	20	0
Matruh			13	00	0	0	—	17.6	23			0
El Daba	320	5	15	00	0	0	—		23	74	18	0
Alexandria	360	11		02	2	4	Sc,Cu	16.7	24	69	18	0
Fouad (Airport)	20	7	10	02	0	1	Sc	15.9	22	74	17	0
Damietta	360	2		01	0	1	Cu	14.8	23	84	20	0
Port Said	20	13	18	02	1	3	Sc	14.8	24	74	19	0
El Arish	340	9	15	02	0	0	—	14.0	25	70	19	0
Damanhur	40	9	15	02	1	2	Cu	15.6	22	83	19	0
Mansura	20	5		00	1	0	—	15.6	22	83	19	0
Tanta	310	2	35	02	0	0	—	14.6	23	74	18	0
Zagazig	320	5	35	00	1	0	—	14.7	23	84	20	0
Ismailia	360	9	35	01	1	1	Cu	14.3	24	69	18	0
Farouk (Airport)												
Almaza												
Ezbekiya	360	7	15	00	6	0	—	14.8	23	74	18	0
Giza	360	7	15	00	0	0	—	15.0	24	69	18	0
Helwan	360	9	15	02	0	0	—	14.4	25	54	15	0
Faiyum	360	2	35	02	0	0	—	12.8	26	55	16	0
Minya	360	10	10	00	0	0	—	12.1	24	47	12	0
Asyut												
Nag Hammadi	00	0		00	0	0	—	8.8	26	48	14	0
Qena	240	5	7	00	0	0	—	7.5	29	46	16	0
Luxor												
Aswan	340	6	50	00	0	0	—	7.8	32	22	8	0
Siwa	40	9	35	00	0	0	—	17.8	28	45	15	0
Bahariya	360	5	15	02	0	0	—	14.0	26	42	12	0
Farafra	360	4	15	02	0	0	—	13.9	25	42	11	0
Dakhla	320	4	35	00	0	0	—		28	23	4	0
Kharga	360	3	15	00	0	0	—	12.0	28	52	17	0
Suez	360	5	35	02	0	0	—	13.9	25	61	17	0
Tor	310	6	15	00	0	0	—	9.3	26	62	18	0
Hurghada	310	18		00	0	0	—	8.3	26?	79	23	0
Quseir	360	13	15	02	0	0	—	8.0	27	79	23	0

(No 1800 entries for Port Sudan or for the North, Central and South Sudan stations.)

At 0600 on Sunday 11th September,

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Dry Bulb	Max. Yesterday	Max. Diff. from normal	Min. Today	Min. Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs	Total from Oct. 1st	Normal from Oct. 1st
Salum	320	5	7	02	0	0	—	18.8		24	27		17		69	18	0		
Sidi Barani	340	6	50	03	1	8	Cs	19.9		24	26		21		84	21	0	278	
Matruh	40	9	14	00	0	0	—	18.8		24	27		23?		57	15	0		
El Daba	360	6	35	00	0	0	—	16.8		25	27		20		61	17	0		
Alexandria	40	11	15	01	2	3	Sc,Cu	17.2	+4.0	24	27	-3	22	-1	69	18	0	267	186
Fouad (Airport)	20	11	14	03	0	3	Sc	17.1		26	28		19		62	18	0	265	138
Damietta	20	2	7	00	0	0	—	16.4	+4.1	25	27		21		74	20	0	320	106
Port Said	30	12	18	03	0	3	Sc	15.7		26	29		24		70	20	0	72	
El Arish	20	5	35	03	1	2	Cu	15.0	+2.7	26	27	-3	20	0	62	18	0		94
Damanhur	40	9	7	02	0	0	—	16.7	+3.7	24	29	-3	19	0	84	21	0	102	101
Mansura	20	9	35	00	0	0	—	16.7	+4.1	25	30	-3	20	+1	74	20	0	49	55
Tanta	360	5	35	02	0	0	—	17.1?	+4.1	23	30	-3	13	-5	84	20	0	34	44
Zagazig	320	5	16	00	0	0	—	16.4	+3.3	25	30	-3	17	-1	74	20	0	21	27
Ismailia	360	2	35	03	1	3	Cu	15.6		25	30		20		70	19	0	14	
Farouk (Airport)																			
Almaza	20	12	12	02	1	5	Sc	15.7	+3.0	23			19		84	20	0		
Ezbekiya	360	4	15	00	0	3	Sc	15.9	+3.2	24	30	-3	18	-2	79	20	0	8	26
Giza	360	4	15	00	0	3	Sc.,	16.0	+3.3	25	30	-2	18	0	71	20	0	16	27
Helwan	360	13	15	00	1	2	Cu,Sc	15.1	+2.7	24	31	-2	20	0	69	18	0	16	29
Faiyum	360	12	35	03	0	1	Cu,Sc	15.2	+2.7	25	30	-4	19	-1	52	19	0	8	8
Minya	20	15	10	01	2	2	Cu	14.2		22	30		19		74	17	0	5	
Asyut (Manqabad)	330	6	30	00	0	0	—	13.2		23			18		65	16	0	dr.	
Nag Hammadi	320	3		00	0	0	—	11.0	+0.8	24	34		19		69	18	0	0	
Qena	270	5	35	00	0	0	—	11.0	+1.2	25	37	0	21	-1	54	15	0	dr.	
Luxor																		dr.	
Aswan	360	15	50	01	1	5	Ci	9.6	+0.2	28	37	-3	23	-1	49	16	0	2	
Siwa	00	0	35	00	0	0	—	20.0	+5.3	19	33	-3	14	-5	52	9	0	1	8
Bahariya	360	5	35	02	1	4	Ac	16.6	+3.2	21	31	-3	17	-2	88	19	0	dr.	7
Farafra	360	4	15	03	1	1		17.4		19	31		16		88	17	0	dr.	
Dakhla	320	15	35	00	0	0	—	13.8	+1.7	23	31	-6	19	-2	61	15	0	dr.	
Kharga	360	11	15	00	0	0	—	13.1	+2.0	23	33	-4	20	-2	65	16	0	0	
Suez	360	5	50	00	0	0	—	14.7	+3.1	25	31	-3	20	-2	70	19	0	12	17
Tor	310	8	35	00	0	0	—			25	30	-2	23	0	61	17	0	dr.	13
Hurghada	310	19		00	0	0	—	10.1		25	27		22		84	22	0	7	
Quseir	360	19	15	02	0	0	—	9.9	+1.0	27	30	-3	24	-2	66	19	0	0	4
Port Sudan																		61	106
Wadi Halfa	340	13	30	03	1	6	Ac,Ci	10.4		25	38		22		36	9	0	27	
Abu Hamad	20	9	30	01	1	5	Sc	7.9		32	41		27		17	4	0		
Kareima	180	1	30	02	2	0	—	9.6		28	39		27		31	9	0	89	26
Atbara	230	13	4	07	1	3	Cs	8.3		28	41		27		52	17	0	40	66
Khartum	190	23	10	02	2	7	Ac	9.7		27	41		23		58	18	dr.	49	152
Kassala	180	9	30	00	0	0	—	13.3		24	37		21		74	19	8	343	293
Wad Medani	180	12	50	02	1	8	Ci	8.7		23	39		21		89	21	1	235	362
Renk	230	9	50	02	1	7	Cu	12.3		23	34		21		89	21	7		464
Roseires	90	2	35	00	1	0	—	13.8		24	32		21		84	21	21	519	731
El Obeid	240	9	30	02	0	8	Sc,Cu	12.2		24	34		23		74	19	0	274	325
El Fasher	00	0	30	02	1	7	Ci			23	34		19		69	17	0	177	301
Geneina	240	7	30	01	1	6	Cu,Sc			21	32		19		94	20	0		536
Malakal	130	1	30	02	5	8	Sc,	13.9		22	26		19		89	20	47	1016	750
Wau	100	2	30	60	6	8	Sc	12.3		22	27		20		94	21	9	1165	1000
Juba	00	0	18	60	6	8	St,Fs	15.5		21	30		21		94	21	2	713	896

HUMIDITY % Mean of day

Station	on 10th	Diff. from normal
Alexandria	62	-6
Ezbekiya	67	+4
Giza	64	-2
Helwan	57	+4

GIZA
GRASS MINIMUM TEMP. ON 11th 10.9°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 … (two forms, each: Pressure mbs, Height above M.S.L. feet, Temp. °C, Humid. %, Wind Dir., Vel.; levels 1000, 950, 900, 850, 800, 700, 600, 500, 400, 300 — not filled in)

UPPER WIND OBSERVATIONS on 10th

Height m.	Fouad A.P. (time 15) Dir.	Vel.	Minya (time 15) Dir.	Vel.
300	350	18	360	27
600	360	26	360	27
1000	10	20	10	26
1500	20	28	30	20
2000	30	20	360	12
3000	20	26	300	7
4000	30	13		
5000				
6000				
7000				
8000				

UPPER WIND OBSERVATIONS on 11th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Minya		Asyut (Manqabad)		Luxor		Aswan		Hurghada		Almaza	
Time	9		3	15	3								7		9				5				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	350	9	10	20	20	13							360	28	340	16			360	22			50	25
600	360	9	10	22	40	13							10	16	340	16			10	22			30	10
1000	10	12	10	15	30	10							20	21	350	16			20	33			40	21
1500			20	26	40	13							20	24	360	21			200	2			30	21
2000					360	15													230	4			60	11
3000					360	11													320	10			30	17
4000																							20	16
5000																								
6000																								
7000																								
8000																								

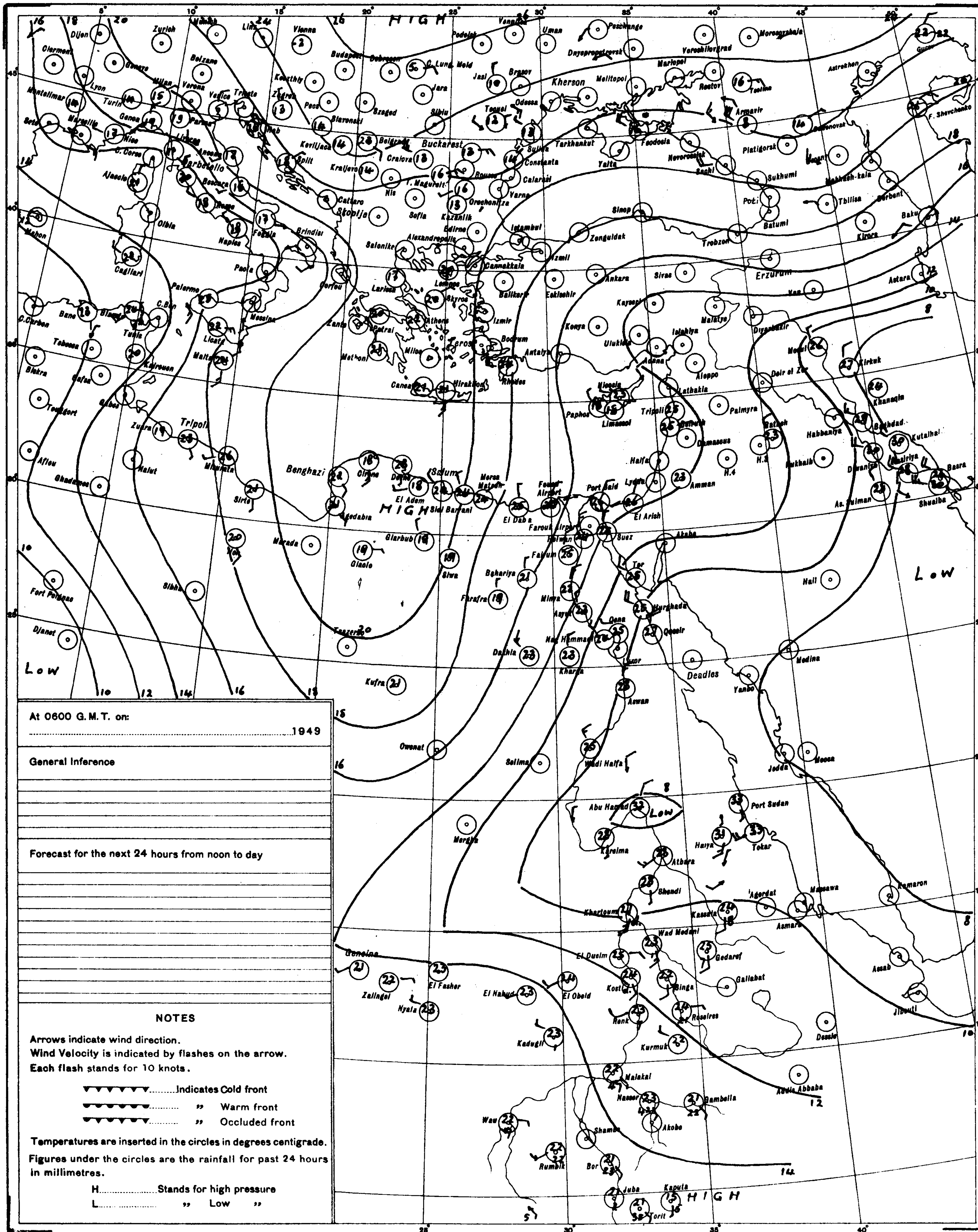
Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	9		9		9		7		4						4		3	45	3	30	4		5	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	40	15	10	31	340	12	360	25	360	17														
600	50	15	20	25	360	13	360	23	10	20					200	15	180	16					150	8
1000	50	19	20		20	12	340	12	20	23					220	16	190	18	250	21	10	5	150	12
1500	30	18	30				210	4	10	16					180	10	200	22	290	20	10	4	50	4
2000	20	23					250	13							70	15	290	7	320	22				
3000	70	10					210	25							60	15	310	7			30	11		
4000	60	10					210	24	100	8							330	9						
5000																								
6000																								
7000																								
8000																								

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

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

Note: All times G. M. T.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Sun. 11 - 9 -* 1949



SCALE 1:15,000,000

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

F. G.

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 } Thunderstorm during the past hour..........91
Hail } 93
Thunderstorm with rain..........95
,, ,, hail..........96
,, ,, Sandstorm..........98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

CAIRO
Time of Sunrise 03 37 G.M.T.
" " Sunset 16 05 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date : Monday 12th September, 1949

At 1200 on Sun. 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	12	7	02	0	0	—	19.0	26	62	18
	62303	SÎDI BARÂNI	340	11	50	02	2	8	CS	19.9	26	70	20
	62306	MATRÛH											
	62309	EL DABA	320	7	35	00	0	0	—	17.5	26	55	16
		ALEXANDRIA	360	10	60	00	0	0	—	17.0	26	62	18
	62318	FOUAD (Airport)	360	18	18	03	0	1	Sc	17.1	28	55	18
	62330	DAMIETTA	320	5	15	02	0	0	—	16.0	27	55	17
	62333	PORT SA'ÎD	10	13	30	01	0	1	Cu	15.5	28	62	20
	62386	EL 'ARISH	20	2	35	02	1	1	Cu	14.8	26	70	20
LOWER EGYPT	62339	DAMANHUR	40	9	15	02	1	1	Cu	16.5	28	70	22
	62342	MANSURA	360	13	25	00	1	0	—	15.8	30	40	15
	62348	TANTA	310	18	25	02	0	0	—	14.8	31	38	15
	62354	ZAGAZIG	360	5	35	00	0	0	—	15.2	30	46	17
	62441	ISMA'ÎLIA	40	9	35	01	1	1	Cu	14.6	31	38	15
CAIRO AREA	62366	FAROUK (Airport)	20	22	30	00	0	0	—	14.6	31	38	15
	62372	ALMÂZA	10	20	30	00	1	0	—	14.1	30	43	16
		EZBEKÎYA	360	7	35	00	0	0	—	14.6	31	43	17
		GÎZA	360	7	35	00	0	0	—	14.3	30	36	13
	62378	HELWÂN	340	11	35	02	0	0	—	13.7	31	38	15
UPPER EGYPT	62381	FAIYÛM	360	5	35	01	0	0	—	13.6	31	43	17
	62387	MINYA	10	18	12	00	0	0	—	12.3	32	34	14
	62393	ASYÛT MANQABÂD											
	62399	NAG' HAMMÂDI	270	4	7	01	0	0	—	8.8	34	36	17
	62402	QENA	240	5	50	00	0	0	—	8.0	38	35	20
	62405	LUXOR	270	8	12	00	0	0	—	8.6	36	24	12
	62414	ASWÂN	340	4	50	01	1	2	Ci	7.0	38	24	14
OASES	62417	SÎWA	40	8	35	00	0	0	—	19.5	32	49	20
	62420	BAHARÎYA	360	6	35	02	1	0	—	14.7	32	34	14
	62423	FARAFRA	360	5	15	02	0	0	—	15.4	31	28	10
	62432	DAKHLA	320	11	50	00	0	0	—	11.1	32	20	6
	62435	KHARGA	360	11	15	00	0	0	—	10.6	34	36	17
RED SEA	62450	SUEZ	360	12	50	01	0	0	—	12.2	31	38	15
	62459	TÛR	310	15	35	00	0	0	—	8.7	29	66	22
	62462	HURGHÂDA	330	17		00	0	0	—	8.0	29?	74	24
	62465	QUSEIR	20	9	15	02	0	0	—	9.5	29	70	23
	62641	PORT SÛDÂN	20	10	30	03	1	4	Acc	5.7	37	24	17
NORTH SÛDÂN	62600	WÂDI HALFA	20	18	30	01	2	1	Ci	7.4	38	21	12
	62640	ABU HAMAD	130	5	30	00	1	0	—	3.6	42	11	5
	62660	KAREIMA											
	62680	'ATBARA	230	13	7	07	1	4	Ci	5.8	37	24	13
	62721	KHARTÛM	210	13	10	00	1	2	Cc	6.8	35	30	15
	62780	KASSALA											
CENTRAL SÛDÂN	62751	WÂD MEDANI	270	9	35	02	1	4	Ac	9.3	29?	55	19
	62801	RENK	230	6	50	02	1	4	Cu	8.7	30	59	21
	62802	ROSEIRES											
	62771	EL OBEID	310	6	30	02	2	7	Cu,Ac	8.3	33	34	15
	62760	EL FÂSHER	360	2	30	01	1	7	Ac,Ci		33	25	11
	62770	GENEINA	70	10	30	00	0	2	Ci		33	20	7
S. SÛDÂN	62840	MALAKÂL	180	3	30	02	2	7	Cu,Sc	10.6	29	66	22
	62880	WÂU	00	0	30	03	2	7	Cu,Ac	9.9	29	66	22
	62941	JUBA	00	0	10	21	6	8	Sc,Cb	12.3	23	89	21

At 1800 on Sun. 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	320	5	25	02	0	0	—	18.6	25	61	17	0
62303	SÎDI BARÂNI	360	3		01	1	0	—	19.1	23	74	18	c
62306	MATRÛH	10		7	00	0	0	—	18.9	25	58	16	0
62309	EL DABA	320	5	15	00	0	0	—		23	74	18	0
	ALEXANDRIA	360	16		00	0	0	—	17.1	23	74	18	0
62318	FOUAD (Airport)	20	13	12	02	0	0	—	17.0	23	69	17	0
62330	DAMIETTA	340	2		00	0	0	—	14.7	24	74	19	0
62333	PORT SA'ÎD	360	13	15	02	0	0	—	15.5	24	74	19	0
62386	EL 'ARISH	360	9	15	01	0	0	—	14.7	25	61	17	0
62339	DAMANHUR	40	9	15	02	0	0	—	17.2	22	83	19	0
62342	MANSURA	40	5		00	0	0	—	16.2	23	74	18	0
62348	TANTA	360	2	35	02	0	0	—	16.8	23	74	18	0
62354	ZAGAZIG	40	5	35	00	0	0	—	16.3	22	83	19	0
62441	ISMA'ÎLIA	360	2	35	01	0	0	—	15.6	24	61	16	0
62366	FAROUK (Airport)												
62372	ALMÂZA	20	18	12	00	0	0	—	15.5	25	54	15	0
	EZBEKÎYA	360	5	15	00	0	0	—	16.4	23	61	15	0
	GÎZA	360	5	15	00	0	0	—	16.3	24	57	16	0
62378	HELWÂN	360	11	15	02	0	0	—	15.2	25	47	13	0
62381	FAIYÛM	360	2	35	02	0	0	—	13.9	27	42	13	0
62387	MINYA	10	15	8	00	0	0	—	13.2	27	42	13	0
62393	ASYÛT MANQABÂD												
62399	NAG' HAMMÂDI	00	0		00	0	0	—	8.8	29	46	16	0
62402	QENA	270	2	7	00	0	0	—	8.6	30	46	17	0
62405	LUXOR	250	5	12	00	0	0	—	8.5	31	28	10	0
62414	ASWÂN	340	5	50	00	0	0	—	7.5	35	20	9	0
62417	SÎWA	40	9	35	00	0	0	—	17.9	28	58	19	0
62420	BAHARÎYA	360	5	15	02	0	0	—	15.4	26	48	14	0
62423	FARAFRA												
62432	DAKHLA	320	10	35	00	0	0	—	11.9?	30	25	8	0
62435	KHARGA	360	4	15	00	0	0	—	11.5	28	45	15	0
62450	SUEZ	360	4	35	02	0	0	—	14.4	25	61	17	0
62459	TÛR	310	12	15	00	0	0	—		28	62	20	0
62462	HURGHÂDA	310	17		00	0	0	—	8.5	28	79	23	0
62465	QUSEIR	330	9	15	02	0	0	—	8.2	28	62	20	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 Monday 12th September,

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL mms. Total From Oct. 1st.	RAINFALL mms. Normal From Oct. 1st.	STATION
62300	SALÛM	320	9	7	02	0	0	—	18.0		24	27		17		74	19	0			SALUM
62303	SÎDI BARÂNI	320	10	50	03	1	8	CS	1		24	26		18		84	21	0	278		SÎDI BARÂNI
62306	MATRÛH	330	6	14	00	0	0	—	17.2		23	27		17		74	18	0			MATRÛH
62309	EL DABA	320	9	35	00	0	0	—	17.2		25	27		21		61	17	0			EL DABA
	ALEXANDRIA	330	16	50	00	0	0	—	15.4	+2.1	24	27	-3	22	-1	69	18	0	267	186	ALEXANDRIA
62318	FOUAD (Airport)	330	14	14	02	0	0	—	15.2		25	28		22		65	18	0	265	138	FOUAD (Airport)
62330	DAMIETTA	320	2	7	03	0	2	Cu	14.3	+1.9	25	28		17		70	19	0	32c	106	DAMIETTA
62333	PORT SA'ÎD	310	5	3	03	0	0	—	14.0		25	29		22		70	19	0	72		PORT SA'ÎD
62386	EL 'ARISH	220	2	35	03	1	1	Cu	14.3	+1.9	26	29	-1	20	0	46	18	0		94	EL 'ARISH
62339	DAMANHUR	40	9	15	02	1	1	Cu	15.6	+2.5	24	30	-2	17	-2	74	19	0	102	101	DAMANHÛR
62342	MANSURA	360	5	35	00	0	0	—	15.1	+2.4	24	31	-2	19	0	74	19	0	49	55	MANSÛRA
62348	TANTA	310	2	35	02	0	0	—	14.9	+1.9	22			14	-4	83	19	0	34	44	TANTA
62354	ZAGAZIG	40	2	15	00	0	0	—	14.8	+1.6	23	31	-2	16	-2	84	20	0	21	27	ZAGAZIG
62441	ISMA'ÎLIA	270	2	35	01	0	0	—	14.4		25	31		17		70	19	0	14		ISMA'ÎLIA
62366	FAROUK (Airport)																				FAROUK (Airport)
62372	ALMÂZA	00	0	12	03	0	1	Cu	15.1		22	31		17		78	18	0			ALMÂZA
	EZBEKÎYA	340	5	15	00	0	3	Sc.,	15.5	+2.7	22	31	-2	18	-2	78	18	0	8	26	EZBEKÎYA
	GÎZA	340	5	15	00	0	3	Sc.,	15.4	+2.5	23	31	-1	17	-1	73	18	0	16	27	GÎZA
62378	HELWÂN	360	10	7	00	0	1	St	14.7	+2.2	22	32	-1	19	-1	83	19	0	16	29	HELWÂN
62381	FAIYÛM	360	5	35	02	0	0	—	15.5	+2.7	23	31	-3	18	-1	74	18	0	8	8	FAIYÛM
62387	MINYA	20	13	10	03	1	3	Sc	15.0		22	32		18		69	16	0	5		MINYA
62393	ASYÛT MANQABÂD	340	7	30	00	0	0	—	13.6		22			17		69	16	0	dr.		ASYÛT MANQABÂD
62399	NAG' HAMMÂDI	290	2	3	00	0	0	—	11.0	+0.7	24	35		20		61	18	0	0		NAG' HAMMÂDI
62402	QENA	270	5	35	00	0	0	—	10.0	+0.1	25	38	0	22	0	61	17	0	dr.		QENA
62405	LUXOR											40							dr.		LUXOR
62414	ASWÂN	360	5	50	00	0	0	—	9.4	-0.1	27	40	0	24	0	55	17	0	2		ASWÂN
62417	SÎWA	320	4	35	00	0	0	—	19.6	+4.8	21	34	-2	15	-3	74	16	0	1	8	SÎWA
62420	BAHARÎYA	360	5	35	02	0	0	—	16.4	+2.9	21	33	-1	17	-2	83	18	0	dr.	7	BAHARÎYA
62423	FARAFRA																		dr.		FARAFRA
62432	DAKHLA	360	4	35	00	0	0	—	14.1	+1.9	26	36	-1	22	+1	30	7	0	dr.		DAKHLA
62435	KHARGA	360	9	35	00	0	0	—	12.2	+1.0	24	34	-3	21	0	54	14	8	0		KHARGA
62450	SUEZ	00	0	50	00	0	0	—	14.0	+2.3	23	32	-2	19	-3	74	18	0	12	17	SUEZ
62459	TÛR	310	10	35	00	0	0	—	9.9	+0.8	29	33	+1	24	+1	62	21	0	dr.	13	TÛR
62462	HURGHADA	310	25		00	0	0	—	9.3		28	29		22		58	19	0	7		HURGHADA
62465	QUSEIR	360	13	15	02	0	0	—	9.6	+0.6	27	30	-3	24	-2	55	17	0	0	4	QUSEIR
62641	PORT SÛDÂN	10	1	10	03	2	7	Cs	6.8		34	38		28		50	22	0	61	106	PORT SÛDÂN
62600	WÂDI HALFA	360	10	30	03	0	4	Ac,a	9.2		27	40		23		42	13	0	27		WÂDI HALFA
62640	ABU HAMAD	360	5	10	03	1	5	Ac,Cs	6.9		33	43		27		14	2	0			ABU HAMAD
62660	KAREIMA	180	2	30	00	0	0	—	7.0		29	41		25		31	10	0	89	26	KAREIMA
62680	'ATBARA	230	5	30	03	0	8	Ac,Cs	8.6		30	38		29		46	17	0	40	67	'ATBARA
62721	KHARTÛM	190	12	30	00	1	0	—	9.3		29	36		25		52	18	0	49	153	KHARTÛM
62780	KASSALA	180	5	30	00	0	0	—	10.7		26	35		23		79	22	0	343	295	KASSALA
62751	WÂD MEDANI	180	9	50	01	1	7	Cc	10.3		27	34		21		70	21	0	235	365	WÂD MEDANI
62801	RENK	180	9	50	02	1	7	Sc,	11.2		24	31		21		84	21	0		467	RENK
62802	ROSEIRES	160	2	35	02	0	0	—	11.4		26	30		22		84	23	0	519	739	ROSEIRES
62771	EL OBEID	230	9	30	01	1	0	—	10.3		27	33		22		62	19	0	274	328	EL OBEID
62760	EL FÂSHER	00	0	30	00	1	6	Ac			22	35		18		52	12	0	177	302	EL FÂSHER
62770	GENEINA	70	4	30	01	0	6	Ac			20	33		14		49	9	0		664	GENEINA
62840	MALAKÂL	130	4	50	01	1	2	Sc	11.3		25	30		23		79	21	0	1016	755	MALAKÂL
62880	WÂU	110	2	30	03	0	1	Cu	11.2		24	31		21		84	21	dr.	1165	1006	WÂU
62941	JUBA	130	2	30	03	2	4	Cu	12.5		23	25		18		89	21	3	716	897	JUBA

HUMIDITY % Mean of day

STATION	on 11th	Diff. from normal
Alexandria	69	+1
Ezbekiya	64	0
Gîza	59	-7
Helwân	55	+1

GÎZA
GRASS MINIMUM TEMP. ON 12th 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

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	Matruh				Foad A.P.				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.
300	360	15			350	12			360															
600	360	16			360	18			360															
1000	10	22			360	17			10															
1500	360	30			360	25			50	11														
2000	20	19			350	16			20	21														
3000	330	17			320	16																		
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 12th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Almaza	
TIME	9		4 15		3								3 15		9				5				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	310	11	310	18	330	23							360	21	340	15			360	16			330	14
600			340	21	330	28							10	35	350	17			360	23			320	8
1000			350	23	330	32							10	33	360	22			10	13			350	18
1500			360	20	350	20							20	23	340	20			320	11			350	20
2000			340	30	320	36							350	16	340	19			260	5			340	16
3000					320	16													260	5			300	17
4000																			260	8			300	15
5000																			270	10				
6000																								
7000																								
8000																								

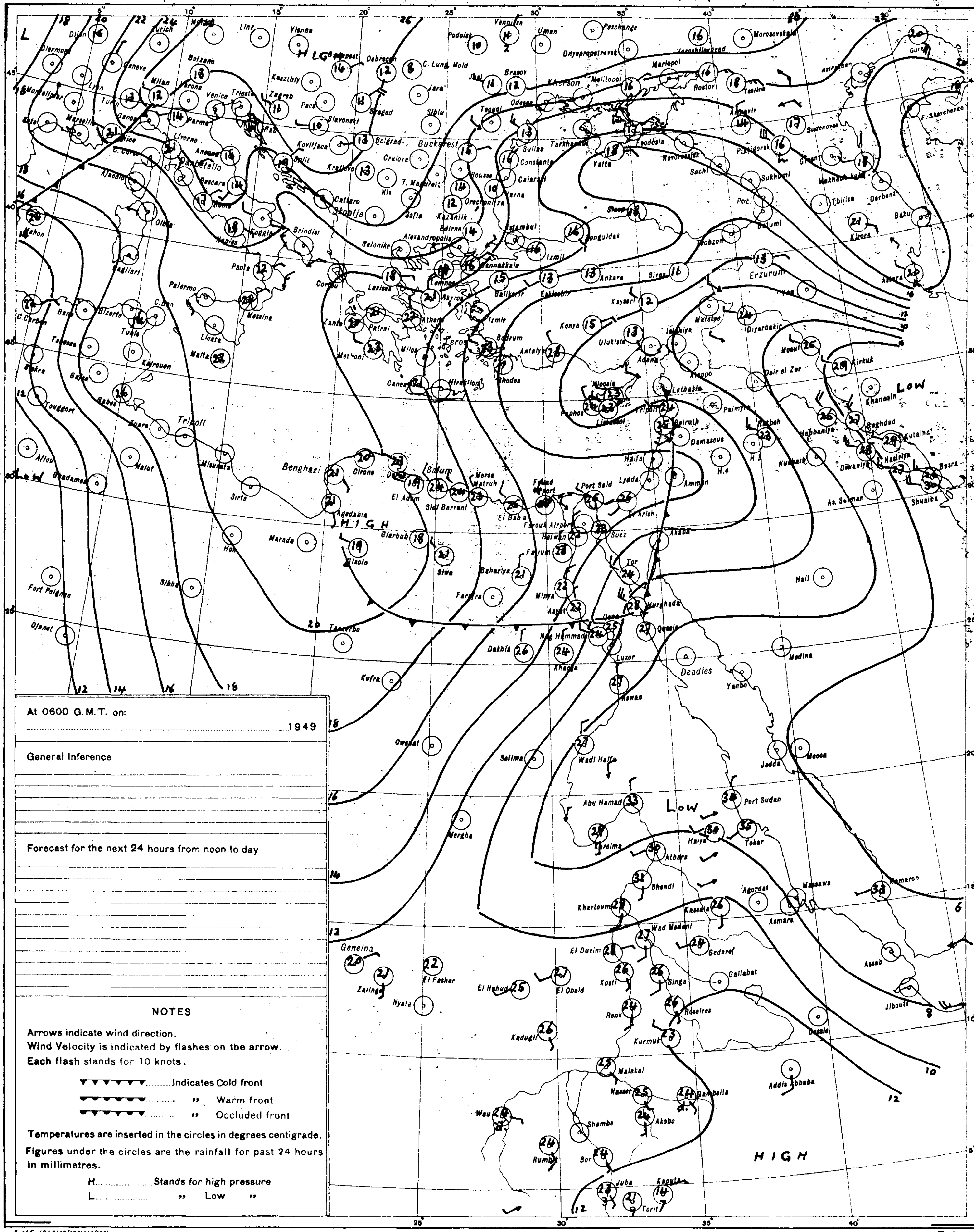
STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7		4												4		4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	310	8	350	22	360	10	10	12	20	7														
600	350	10	350	23	360	14	10	25	30	19													160	3
1000	20	16	360	48	20	16	20	30	40	15											360	5	180	5
1500	10	16	10	40?			360	16	50	8											70	12	20	3
2000	10	17	360	34?																				
3000	20	16							70	7											80	12	140	11
4000	330	9							70	15														
5000	350	7							90	18														
6000									160	13														
7000																								
8000																								

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

Note: All times G. M. T.

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

Form No. 7F.   SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON MON. 12 - 9 - 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 } Thunderstorm during		91
Hail } the past hour		93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

S of E 1948(48/195)(46/450)

SCALE 1:15,000,000

F.G.

CAIRO
Time of Sunrise 03 38 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 : Tuesday 13th September, 1949

At 1200 on Mon. 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	9	7	02	0	0	—	17.1	29	59	20
	62303	SÎDI BARÂNI	320	16	35	02	5	8	Cu, Cs	17.8	26	84	23
	62306	MATRÛH	350	12	18	00	0	0	—	16.2	26	62	16
	62309	EL DABʻA	340	5	35	00	0	0	—	16.2	26	62	18
		ALEXANDRIA	310	19	7	00	0	0	—	14.2	26	62	18
	62318	FOUAD (Airport)	340	20	18	02	0	0	—	14.0	27	58	18
	62330	DAMIETTA	320	2	15	00	0	0	—	12.6	26	70	20
	62333	PORT SAʻÎD	340	12	30	01	0	0	—	12.2	27	62	19
	62336	EL ʻARISH	320	5	35	01	0	0	—	12.3	27	94	27
Lower Egypt	62339	DAMANHUR	360	13	15	02	1	1	Ca	14.6	27	66	20
	62342	MANSURA	360	13	35	00	1	0	—	13.1	30	40	15
	62348	TANTA	310	5	35	01	1	4	Cu	13.1	30	46	17
	62354	ZAGAZIG	220	5	35	02	1	2	Ac	12.7	31	49	19
	62441	ISMAʻILÎA	320	5	35	03	1	3	Cu	11.6	32	38	16
Cairo Area	62366	FAROUK (Airport)											
	62372	ALMÂZA											
		EZBEKÎYA	340	5	35	00	0	0	—	12.6	30	43	16
		GÎZA	340	5	35	00	0	0	—	13.3	30	37	13
	62378	HELWÂN	320	18	15	06	0	0	—	12.0	30	35	13
Upper Egypt	62381	FAIYÛM	300	8	35	02	0	0	—	12.4	31	31	12
	62387	MINYA	20	15	12	00	1	0	—	12.1	31	36	14
	62393	ASYÛT MANQABÂD	310	17	30	00	0	0	—	10.4	33	24	10
	62399	NAGʻ HAMMÂDI	270	3	7	00	0	0	—	7.8	34	32	15
	62402	QENA	240	5	50	00	0	0	—	6.8	37	35	19
	62405	LUXOR											
	62414	ASWÂN	340	7	50	00	0	0	—	6.0	39	20	12
Oases	62417	SÎWA	00	0	35	00	0	0	—	17.8	34	56	24
	62420	BAHARÎYA	360	4	35	02	0	0	—	14.0	32	34	14
	62423	FARAFRA											
	62432	DAKHLA	360	14	50	00	0	0	—	10.9?	33	21	8
	62435	KHARGA	360	11	15	00	0	0	—	10.2	34	27	12
Red Sea	62450	SUEZ	360	8	50	01	0	0	—	10.3	30	35	13
	62459	TÔR	310	10	35	00	0	0	—	7.6	28	70	22
	62462	HURGHÂDA	330	17		00	0	0	—	6.9	29	74	24
	62465	QUSEIR	360	9	15	02	0	0	—	6.6	29	66	22
	62641	PORT SÛDÂN	40	10	10	01	2	6	Cu, Cc	3.9	35	44	21
North Sûdân	62600	WÂDI HALFA	360	7	30	00	0	0	—	5.5	40	24	16
	62640	ABU HAMAD	200	2	10	05	1	4	Ac	4.4	41	18	12
	62660	KAREIMA	220	2	30	00	0	0	—	3.4	41	10	3
	62680	ʻATBARA	200	2	30	03	2	8	Cu, Ac	3.6	39	20	12
	62721	KHARTÛM											
	62730	KASSALA	180	2	30	00	0	1	Cu	6.4	34	47	21
Central Sûdân	62751	WÂD MEDANI	130	2	50	07	1	2	Cs	5.2	35	35	17
	62801	RENK											
	62802	ROSEIRES	230	2	35	00	0	0	—	7.0	30	55	20
	62771	EL OBEID	290	2	10	03	0	2	Ca	5.6	33	49	18
	62760	EL FÂSHER	50	5	50	01	1	3	Ac		34	25	11
	62770	GENEINA											
S. Sûdân	62840	MALAKÂL	230	3	30	02	2	7	Cu, Ac	8.0	30	57	21
	62880	WÂU	00	0	30	03	1	6	Cb	6.8	31	62	23
	62941	JUBA	50	2	30	03	1	5	Cb, Cs	7.5	31	49	19

At 1800 on Mon. 12th

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew point °C.	Rain past 12 hrs mms
SALÛM	340	4	7	02	0	0	—	15.5	24	69	18	0
SÎDI BARÂNI	320	14	35	02	2	8	Ac, Cs	15.5	24	84	21	0
MATRÛH			12	02	1			15.4	23			0
EL DABʻA	320	6	15	00	0	1	Cu	15.1	23	84	20	0
ALEXANDRIA	310	14		00	0	0	—	13.9	24	69	18	0
FOUAD (Airport)	340	17	18	02	0	0	—	13.5	24	69	18	0
DAMIETTA	320	5		03	0	1	Cu	13.5	24	74	19	0
PORT SAʻÎD	320	18	14	03	0	3	Sc	11.8	24	65	19	0
EL ʻARISH	320	5	15	03	1	2	Cu		25	70	19	0
DAMANHUR	360	9	15	02	0	0	—	13.9	22	83	19	0
MANSURA	360	5		00	0	0	—	13.0	23	74	18	0
TANTA	310	2	35	02	0	0	—	13.1	22	74	17	0
ZAGAZIG	270	2	35	00	1	0	—	12.8	22	83	19	0
ISMAʻILÎA	320	2	35	01	0	0	—	12.4	24	69	18	0
FAROUK (Airport)												
ALMÂZA	340	10	12	00	0	0	—	12.9	24	69	18	0
EZBEKÎYA	360	3	15	00	0	0	—	13.5	24	65	17	0
GÎZA	360	3	15	00	0	0	—	13.8	23	71	17	0
HELWÂN	340	18	7	02	0	0	—	13.4	24	61	16	0
FAIYÛM	330	5	35	02	0	0	—	12.3	26	48	14	0
MINYA	10	8	10	00	0	0	—	12.2	25	47	13	0
ASYÛT MANQABÂD												
NAGʻ HAMMÂDI	320	2		00	0	0	—	8.4	28	40	13	0
QENA	270	2	7	00	0	0	—	7.6	30	35	13	0
LUXOR												
ASWÂN	340	7	50	00	0	0	—	6.6	35	19	8	0
SÎWA	00	0	35	00	0	0	—	16.8	29	59	20	0
BAHARÎYA	360	5	15	02	0	0	—	14.3	27	52	16	0
FARAFRA												
DAKHLA	320	4	50	00	0	0	—	11.1	30	25	8	0
KHARGA	360	4	15	00	0	0	—	10.8	28	45	15	0
SUEZ	360	4	35	02	0	0	—	11.8	26	62	18	0
TÔR	310	18	15	00	0	0	—		2	62	20	0
HURGHÂDA	310	16		00	0	0	—	6.0	28	62	20	0
QUSEIR	360	9	15	02	0	0	—	6.3	27	70	21	0

At 0600 on Tuesday 13th September.

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb	Maximum Yesterday	Max. Diff. from normal	Minimum Today	Min. Diff. from normal	Humidity %	Dew point °C.	Rainfall Past 24 hrs.	Total from Oct. 1st.	Normal from Oct. 1st.
SALUM	320	9	7	01	0	1	Ac	15.1		24	30		18		69	18	0		
SÎDI BARÂNI	340	9	50	02	2	8	Cu, Cs	15.2		24	26		22		84	21	0	278	
MATRÛH	360	11	18	01	2	3	Sc	14.2		24	28		21		65	17	0		
EL DABʻA	320	5	35	00	0	1	Cu	12.6		24	27		21		61	16	0		
ALEXANDRIA	310	26?	35	03	1	4	Sc, Cu	12.0	-1.4	23	27	-3	22	-1	65	16	0	267	136
FOUAD (Airport)	330	16	14	03	0	2	Sc	11.2		24	28		22		65	17	0	265	138
DAMIETTA	320	5	3	03	1	4	Cu	11.5	-1.0	25	27		22		70	19	0	319	106
PORT SAʻÎD	240	9	10	01	1	3	Sc	11.0		23	28		22		84	20	0	72	
EL ʻARISH	220	5	35	02	1	2	Cu	11.1	-1.4	25	29	-1	20	0	70	19	0		94
DAMANHÛR	310	13	15	03	1	6	Cu	12.2	-1.0	24	29	-3	19	0	65	19	0	102	101
MANSÛRA	320	9	35	01	0	1	Ci	11.5	-1.3	25	30	-3	19	0	70	19	0	49	55
TANTA	310	2	35	02	0	0	—	11.4	-1.8	22	30	-3	15	-3	80	19	0	34	44
ZAGAZIG	320	2	15	00	0	0	—	11.5	-1.8	24	32	-1	18	0	74	19	0	21	27
ISMAÎLÎA	270	2	35	01	1	2	Ac	11.2		24	33		19		68	18	0	14	
FAROUK (Airport)																			
ALMÂZA	270	5	12	00	0	0	—	12.0		22	30		19		78	18	0		
EZBEKÎYA	340	4	15	00	0	0	—	12.6	-0.4	24	31	-2	19	-1	7?	19	0	8	26
GÎZA	340	4	15	00	0	0	—	12.4	-0.6	25	30	-2	17	-1	62	17	0	16	27
HELWÂN	340	7	7	00	2	5	St	12.4	-0.3	22	30	-2	20	0	74	17	0	16	29
FAIYÛM	00	0	35	03	0	1	Cu, Sc	13.0	+0.2	24	32	-2	19	0	74	19	0	6	8
MINYA	20	1	10	00	0	2	Cu	12.7		22	32		16		74	17	0	5	
ASYÛT MANQABÂD	320	10	30	00	0	0	—	12.5		22			18		74	17	0	dr.	
NAGʻ HAMMÂDI	290	4	3	00	0	0	—	10.3	-0.1	23	35		18		65	16	0	0	
QENA	240	5	35	00	0	0	—	9.6	-0.4	24	40	+2	21	-1	69	18	0	dr.	
LUXOR																		dr.	
ASWÂN	360	6	50	00	0	0	—	9.6	0.0	28	40	+1	24	0	52	17	0	2	
SÎWA	320	6	35	00	0	0	—	16.7	+1.8	22	35	-1	19	+1	74	17	0	1	8
BAHARÎYA	320	4	35	02	0	0	—	14.6	+1.0	22	33	-1	18	0	74	17	0	dr.	7
FARAFRA																		dr.	
DAKHLA	320	6	35	00	0	0	—	13.0	-0.8	24	35	-2	20	-1	54	14	0	dr.	
KHARGA	360	6	15	00	0	0	—	12.2	+0.9	25	34	-3	22	+1	47	13	0	0	
SUEZ	360	5	50	00	0	0	—	11.0	-0.8	25	32	-2	21	-1	70	19	0	12	17
TÔR	310	15	50	00	0	0	—			29	30	-2	23	0	46	16	0	dr.	13
HURGHADA	300	10		00	0	0	—	7.7		25	29		21		74	20	0	7	
QUSEIR	360	9	15	02	0	0	—	6.9	-2.3	27	30	-3	24	-2	84	24	0	0	4
PORT SÛDÂN	310	1	10	01	2	6	Cs	6.9		32	37		28		56	22	0	61	106
WÂDI HALFA	360	15	30	00	0	0	—	10.3		25	42		23		36	9	0	27	
ABU HAMAD	50	9	30	01	1	6	Cs	5.9		32	42		26		17	4	0		
KAREIMA	00	0	30	02	1	8	Cs	8.7		29	42		27		35	12	0	89	26
ʻATBARA	200	9	10	03	2	8	Ac, Cs	6.3		31	40		27		38	15	0	40	67
KHARTÛM	220	10	30	01	2	6	Ac	8.6		27	38		25		58	18	dr.	49	154
KASSALA	180	9	30	00	1	0	—	9.9		26	36		21		58	17	1	344	297
WÂD MEDANI	290	5	50	02	8	7	Cb.,	9.5		26	36		23		70	20	dr.	235	368
RENK	180	2	35	02	1	4	Sc	10.2		25	33		22		48	22	0		470
ROSEIRES	200	2	35	02	0	0	—	11.6		24	32		22		94	23	0	519	747
EL OBEID	200	13	30	01	1	2	Ac, Ci	9.1		27	35		23		66	20	0	274	331
EL FÂSHER	00	0	30	00	0	0	—			24	36		18		22	1	0	177	302
GENEINA	20	5	30	00	0	0	—			21	35		15		50	10	0		541
MALAKÂL	00	0	30	02	2	7	Sc,	10.2		25	31		24		94	25	4	1020	760
WÂU	00	0	30	03	2	7	Ac	10.4		23	32		22		87	21	1	1166	1012
JUBA	180	5	7	91	9	8	St. Ac	12.8		21	31		20		52	20	7	723	903

HUMIDITY % Mean of day

Station	on 12th	Diff. from normal
Alexandria	67	-1
Ezbekîya	68	+4
Gîza	67	0
Helwân	66	+12

GÎZA

GRASS MINIMUM TEMP. ON 13th 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. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

...... AIRPORT — On ...... At ......

Pressure mbs.	Height above M.S.L. 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	Foad A.P		Minya		Hurghada	
Time	15		15		15	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	330	16	360	28	330	
600	340	31	360	29	340	
1000	340	30	350	26	290	11
1500	340	30	340	27	240	10
2000	330	28				
3000						
4000						
5000						
6000						
7000						
8000						

UPPER WIND OBSERVATIONS on 13th

Station	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAʻÎD		EL ʻARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Almaza	
Time	9		11 30		3						9		4		7				5		9		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	120	14	330	9	320	23					320	16	340	16	330	15			10	7	330		330	7
600	330	13	330	14	330	30					320	9	350	24	320	13			350	16	320		320	8
1000	320	13	340	20	320	24					320	10	350	21	330	10			350	30	280	11	320	12
1500	350	11	340	25	310	20					320	16	360	23	340	19			300	10	300	33	310	20
2000	330	15			320	34									330	25			300	22				
3000					310	19																		
4000																								
5000																								
6000																								
7000																								
8000																								

Station	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
Time	9		9		9		7		4								3 30		4		4 30		7	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	360	3	360	16	320	17	10	48	10	15														
600	360	3	350	10	320	12	10	20	20	21							170	19					130	4
1000	360	4	360	10	360	10	360	20	10	31							180	10	180	17	70	4	170	6
1500	340	12					350	31	30	38							180	5	90	11			180	9
2000	330	18					350	36																
3000	320	24							10	26									90	17			220	9
4000																								
5000																								
6000																								
7000																								
8000																								

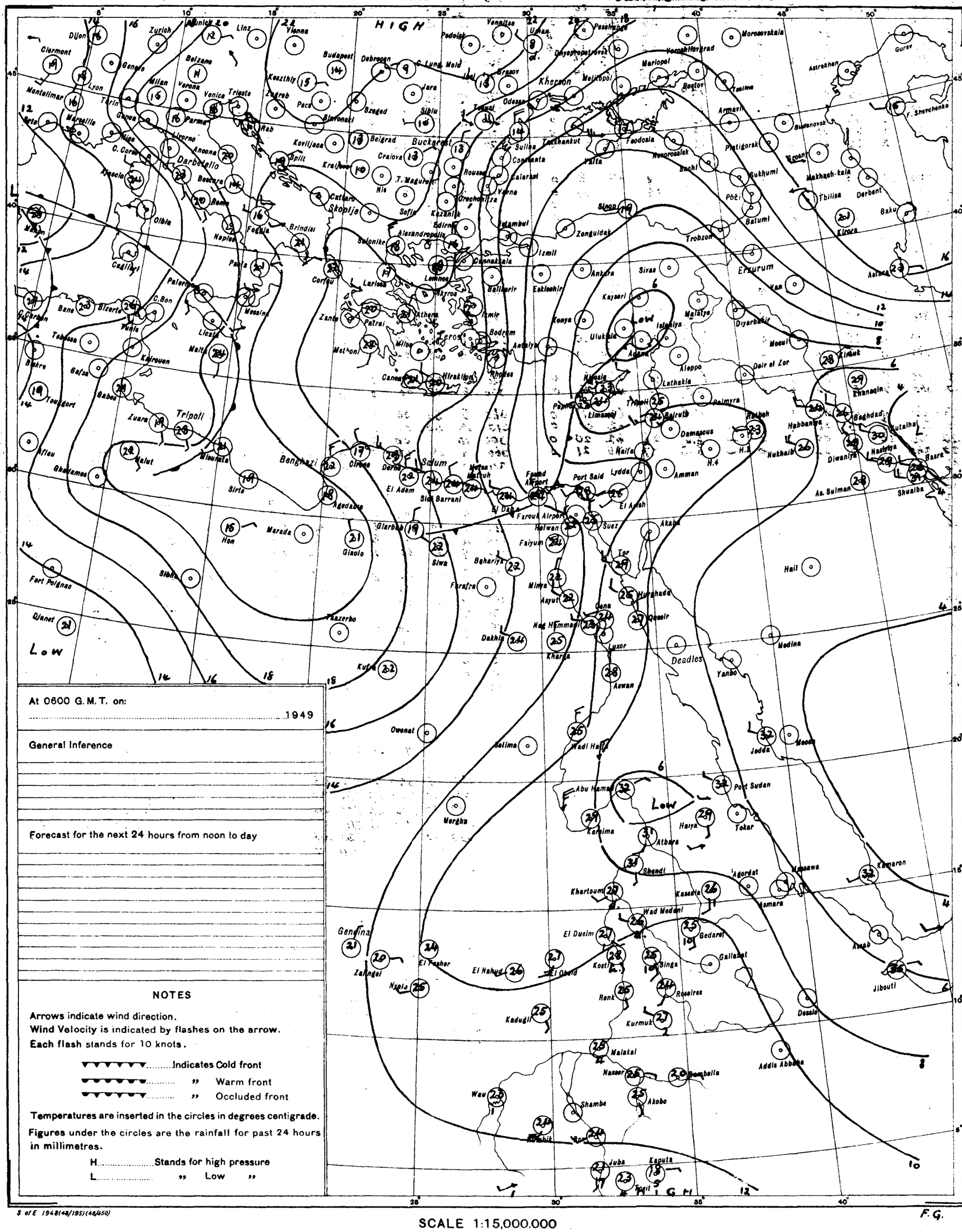
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

F.H.h.

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 *TUES. 13 - 9 - 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	≡
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	(R)
During past hour and not at time of observation: Squalls	18	V
During past hour and not at time of observation: Drizzle	20	,
During past hour and not at time of observation: Rain	21	•
During past hour and not at time of observation: Showers of rain	25	•
During past hour and not at time of observation: " " hail	27	•
During past hour and not at time of observation: Fog	28	≡
During past hour and not at time of observation: Thunderstorm	29	R
Duststorm or Sandstorm	31	≈
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	•
" " hail	87	•
Rain / Hail: Thunderstorm during the past hour	91	R•
Rain / Hail: Thunderstorm during the past hour	93	R△
Thunderstorm with rain	95	R•
" " hail	96	R△
" " Sandstorm	98	R≈

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

Cloudless	—		○
Cirrus	Ci	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 39 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 : Wednesday 14th September, , 1949

At 1200 on Thurs 13th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALÛM	360	12	7	01	0	1	ac	15.4	26	55	16
	62303	SÎDI BARÂNI	320	13	50	02	2	8	Cu,Cs	15.9	25	74	20
	62306	MATRÛH	10	16	18	01	1	2	Cu	14.9	26	42	12
	62309	EL DABA	340	6	35	02	0	2	Cu	14.3	25	54	15
		ALEXANDRIA	310	22		02	2	7	Cu,Sc	13.0	24	61	16
	62318	FOUAD (Airport)	340	17	14	03	1	6	Cu	12.4	26	51	15
	62330	DAMIETTA	320	5	15	01	0	2	Cu	10.8	25	61	17
	62333	PORT SA'ÎD											
	62336	EL 'ARISH	320	2	35	01	0	1	Cu	10.7	27	62	19
LOWER EGYPT	62339	DAMANHUR	310	13	15	03	1	7	Cu	12.8	27	70	21
	62342	MANSURA	360	13	35	02	1	2	Cr	11.5	28	52	17
	62348	TANTA	310	13	35	01	1	2	Cu	11.0	28	52	17
	62354	ZAGAZIG	220	5	35	00	0	0	—	11.0	30	52	19
	62441	ISMA'ILIA	340	5	35	03	1	2	Cu	10.3	30	35	13
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMÂZA	290	13	18	03	0	1	Cu	11.0	28	42	14
		EZBEKÎYA	340	4	35	00	0	0	—	11.2	29	65	15
		GÎZA	340	4	35	00	0	0	—	11.2	30	38	14
	62378	HELWÂN	290	5	15	02	1	1	Ac	11.5	29	35	12
UPPER EGYPT	62381	FAIYÛM	330	5	35	02	0	1	Cu,Sc	11.2	30	35	13
	62387	MINYA	30	8	12	00	0	0	—	11.7	30	43	16
	62393	ASYÛT MANQABÂD	310	10	30	00	0	0	—	10.9	30	33	12
	62399	NAG' HAMMÂDI	270	4		00	0	0	—	6.4	31	43	17
	62402	QENA	340	9	50	00	0	0	—	7.1	38	27	16
	62405	LUXOR											
	62414	ASWÂN	340	11	50	00	0	0	—	7.2	36	27	14
OASES	62417	SÎWA	00	0	35	00	0	0	—	15.9	32	59	23
	62420	BAHARÎYA	360	4	35	02	0	0	—	13.3	30	40	15
	62423	FARAFRA											
	62432	DAKHLA	320	6	50	00	0	0	—	10.8	32	20	6
	62435	KHARGA	360	6	15	00	0	0	—	10.3	32	38	16
RED SEA	62450	SUEZ	360	7				1	Cu	9.0	30	40	15
	62459	TÛR	310	18	35	00	0	0	—			—	22
	62462	HURGHÂDA	340	18		00	0	0	—	6.4	27	84	24
	62465	QUSEIR	360	9	15	02	0	0	—	6.3	28	31	14
	62641	PORT SÛDÂN	360	11	30	01	2	1	Ac	4.5	34	59	25
NORTH SÛDÂN	62600	WÂDI HALFA	20	16	30	02	0	1	Ac	7.7	36	12	2
	62640	ABU HAMAD	230	3	30	03	1	7	Ac,Cu	3.6	39	13	6
	62660	KAREIMA	290	10	7	07	2	8	Ac	5.4	38	18	10
	62680	'ATBARA	200	5	4	05	2	5	Cu,Ci	3.0	40	20	13
	62721	KHARTÛM	130	11	30	02	2	7	Cu,Cr	4.5	38	21	12
	62730	KASSALA	00	0	30	00	0	0	—	4.6	36	35	18
CENTRAL SÛDÂN	62751	WÂD MEDANI	180	5	35	02	1	7	Ci	5.8	35	35	17
	62801	RENK	230	9	50	02	1	6	Cu	6.1	33	53	22
	62802	ROSEIRES											
	62771	EL OBEID	220	9	30	29	8	8	Cb,Ac	7.0	29	49	17
	62760	EL FÂSHER	100	9	30	00	1	0	—		35	30	15
	62770	GENEINA	50	10	30	00	0	0	—		35	16	6
S. SÛDÂN	62840	MALAKÂL	230	3	30	17	1	5	Ac	7.0	32	56	22
	62880	WÂU											
	62941	JUBA											

At 1800 on Tues 13th

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.
62300	SALÛM	360	5	7	01	0	0	—	16.2	24	61	16	0
62303	SÎDI BARÂNI	340	9	35	02	2	8	Cu,Cs	16.8	23	84	20	0
62306	MATRÛH	10	9	12	00	0	0	—	15.4	22	57	13	0
62309	EL DABA	290	12	15	02	0	2	Sc	15.2	22	65	15	0
	ALEXANDRIA	310	22		02	2	6	Sc	14.0	23	69	16	0
62318	FOUAD (Airport)	330	15	12	01	2	4	Sc	13.4	22	65	15	0
62330	DAMIETTA	320	5		03	2	6	Cu	11.4	23	74	18	0
62333	PORT SA'ÎD	310	16	14	02	0	2	Sc	11.9	23	65	16	0
62336	EL 'ARISH	360	9	15	03	1	3	Cu,Sc	12.1	25	61	17	0
62339	DAMANHUR	310	13	15	01	1	2	Cu	13.4	21	74	16	0
62342	MANSURA	360	5		00	1	0	—	13.4	23	65	16	0
62348	TANTA	360	5	35	01	1	3	Cu	14.3	20	73	15	0
62354	ZAGAZIG	320	2	35	00	0	0	—	13.4	20	88	18	0
62441	ISMA'ILIA	340	2	35	03	1	3	Cu	12.3	23	65	16	0
62366	FAROUK (Airport)												
62372	ALMÂZA												
	EZBEKÎYA	340	5	15	00	0	0	—	13.6	23	65	16	0
	GÎZA	340	5	15	00	0	0	—	14.4	21	73	16	0
62378	HELWÂN	320	7	7	06	0	0	—	13.5	23	61	15	0
62381	FAIYÛM	360	2	35	01	0	0	—	13.0	25	47	13	0
62387	MINYA	10	12	8	00	0	0	—	12.5	25	39	10	0
62393	ASYÛT MANQABÂD												
62399	NAG' HAMMÂDI	290	2		00	0	0	—	9.3	26	48	14	0
62402	QENA	240	5	35	00	0	0	—	8.0	30	40	15	0
62405	LUXOR	310	9	12	00	0	0	—	8.8	29	40	14	0
62414	ASWÂN	360	7	50	00	0	0	—	7.8	31	31	12	0
62417	SÎWA	20	16	35	00	0	0	—	15.9	26	55	16	0
62420	BAHARÎYA	360	6	15	02	0	0	—	13.8	26	48	14	0
62423	FARAFRA												
62432	DAKHLA	320	3	50	00	0	0	—	11.5	28	40	13	0
62435	KHARGA	360	4	15	00	0	0	—	10.2	29	46	16	0
62450	SUEZ	360	9	35	01	0	0	—	11.2	25	54	15	0
62459	TÛR	310	15	15	00	0	0	—				18	0
62462	HURGHÂDA	320	19		00	0	0	—	6.8			22	0
62465	QUSEIR	330	9	15	02	0	0	—	6.7	27	58	19	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 14th September,

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.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL mms. Total From Oct. 1st.	RAINFALL mms. Normal From Oct. 1st.
62300	SALÛM	340	10	7	03	0	5	Ac	17.0		23	28		17		65	16	0		
62303	SÎDI BARÂNI	360	12	50	02	2	8	Cu,Cs	17.6		24	27		22		74	19	0	27.5	
62306	MATRÛH	20	14	14	02	1	4	Cu	16.1		24	27		21		50	13	0		
62309	EL DABA	320	8	15	03	1	4	Sc	15.2		22	26		21		65	15	0		
	ALEXANDRIA	310	18	35	02	2	5	Cu,Sc	14.0	+0.5	24	26	-4	21	-2	61	16	0	267	186
62318	FOUAD (Airport)	340	16	14	02	1	5	Sc	13.1		24	27		21		61	16	0	265	138
62330	DAMIETTA	220	2	3	01	1	3	Cu	13.3	+0.6	22	26		18		74	17	0	320	106
62333	PORT SA'ÎD	260	8	13	01	0	1	Sc	12.7		23	28		21		65	16	0	72	
62336	EL 'ARISH	300	2	35	01	0	2	Cu	12.2	-0.4	25	28	-2	19	-1	84	22	0		94
62339	DAMANHUR	330	9	15	03	1	6	Cu	13.6	+0.3	23	28	-4	17	-2	74	18	0	102	101
62342	MANSURA	270	5	35	00	1	0	—	13.3	+3.0	23	29	-4	17	-2	65	16	0	49	55
62348	TANTA	270	2	35	01	1	3	Cu	14.3	+1.0	22	29	-4	14	-4	74	17	0	34	44
62354	ZAGAZIG	220	2	15	00	0	0	—	13.3	-0.1	23	31	-2	18	0	74	18	0	21	27
62441	ISMA'ILIA	270	2	35	01	1	6	Ac	12.8		23	31		21		61	15	0	14	
62366	FAROUK (Airport)	290	6	12	02	1	7	Sc	13.5		22			19		69	16	0		
62372	ALMÂZA	290	6	11	02	2	6	Sc	13.5		22			19		65	15	0		
	EZBEKÎYA	360	4	15	00	0	4	Sc	14.2	+1.1	22	30	-3	20	0	65	15	0	8	26
	GÎZA	360	4	15	00	0	4	Sc	14.6	+1.5	23	30	-2	17	-1	60	15	0	16	27
62378	HELWÂN	320	7	7	00	2	7	Sc	14.0	+1.2	22	29	-3	19	-1	57	13	0	16	29
62381	FAIYÛM	360	5	35	03	0	1	Sc,Cu	15.0	+2.1	23	30	-4	17	-2	57	14	0	8	8
62387	MINYA	10	10	10	00	1	0	—	14.4		22	32		15		60	14	0	5	
62393	ASYÛT MANQABÂD	340	7	30	00	0	0	—	14.0		21			17		61	13	0	dr.	
62399	NAG' HAMMÂDI	320	3	3	00	0	0	—	12.7	+2.2	23	32		18		65	16	0	0	
62402	QENA	240	5	35	00	0	0	—	11.6	+1.5	23	38	0	21	-1	61	15	0	dr.	
62405	LUXOR											36	-4						dr.	
62414	ASWÂN	320	11	50	00	0	0	—	12.0	+2.3	26	37	-2	23	-1	51	15	0	2	
62417	SÎWA	340	5	35	00	0	0	—	18.1	+3.1	21	33	-2	17	-1	57	12	0	1	8
62420	BAHARÎYA	360	5	35	02	0	0	—	15.6	+1.8	21	32	-2	16	-2	65	14	0	dr.	7
62423	FARAFRA																		dr.	
62432	DAKHLA	00	0	35	00	0	0	—	14.8	+2.5	23	36?	-1	18	-3	61	15	0	dr.	
62435	KHARGA	40	2	35	00	0	0	—	14.6	+3.2	20	33	-4	19	-2	65	15	0	0	
62450	SUEZ	00	0	35	00	0	4	Cu	12.4	+0.5	22	33	-1	20	-1	57	13	0	12	17
62459	TÛR	310	9	35	00	0	0	—				31	-1	23	0	—	21	0	dr.	13
62462	HURGHÂDA	320	19		00	0	0	—	9.7		23	28		22		84	20	0	7	
62465	QUSEIR	360	19	15	02	0	0	—	10.0	+0.7	26	30	-3	25	-1	62	18	0	0	4
62641	PORT SÛDÂN	290	4	50	01	1	1	Ac	9.3		33	35		25		41	18	0	61	106
62600	WÂDI HALFA	360		30	00	0	0	—	12.3		25	38		21		36	9	0	27	
62640	ABU HAMAD	360	5	30	03	1	5	Ac,Ci	8.3		30	42		27		27	9	0		
62660	KAREIMA	20	9	30	00	0	1	Ac	9.8		29	39		23		25	7	0	89	26
62680	'ATBARA	20	5	30	03	2	7	Ac	8.8		31	41		26		28	10	6	46	67
62721	KHARTÛM			30	01	1	4	Ac	9.7		31	39		27		46	18	0	49	154
62730	KASSALA	180	5	30	00	0	0	—	10.8		28	37		23		70	22	0	344	300
62751	WÂD MEDANI	230	9	50	02	1	2	Ac	10.7		28	36		23		66	21	0	235	371
62801	RENK	230	9	50	02	1	6	Sc	11.7		24	35		21		94	23	0		473
62802	ROSEIRES	130	2	30	00	0	0	—	13.0		24	32		22		64	21	0	619	755
62771	EL OBEID	270	8	30	02	0	4	Cu,Sc	12.4		24	34		21		74	19	dr.	274	334
62760	EL FÂSHER	80	1	30	02	1	7	Ac,Ci			25	36		22		70	19	0	177	303
62770	GENEINA	280	4	30	00	0	2	Ac			21	35		18		78	17			542
62840	MALAKÂL	300	12	30	03	2	7	Sc,Ac	13.7		23	33		22		94	23	1	102	765
62880	WÂU																	9	1175	1018
62941	JUBA																	0	723	906

HUMIDITY % Mean of day

STATION	on 13th	Diff. from normal
Alexandria	62	-5
Ezbekiya	64	0
Giza	63	-4
Helwân	64	+10

GÎZA
GRASS MINIMUM TEMP. ON 14th 11.0 °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 13th At 15th					AIRPORT On ..... At					AIRPORT On ..... At				
PRESSURE mbs.	HEIGHT ABOVE M.S.L. metres	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.	PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.	PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	96	26	42	—	—	1000						1000					
950						950						950					
900						900						900					
850	1587	12	47	—	—	850						850					
800						800						800					
700	3026	7	—	—	—	700						700					
600						600						600					
500	5778	-9	—	—	—	500						500					
400						400						400					
300	7552	-31				300						300					

UPPER WIND OBSERVATIONS on 13th

STATION	Matruh				Fouad A.P.				Minya				Hurghada											
TIME	14 30				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	130	17			310	19			350	29			340											
600	330	23			310	17			350	30			340	29										
1000	330	27			320	27			340	30			340	20										
1500	250	23							340	30			320	36										
2000	330	26							330	20														
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 14th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Almaza	
TIME	7		8 45		3						9 15		3		9				5		9		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	360	8	330	22	330	12					320	11	360	21	320	19			350	27	340	43	320	13
600	360	9	340	24	330	12					330	22	360	26	320	13			350	5	310	35	330	17
1000	10	11	340	28	320	10					350	21	360	28	340	15			360	27	320	31	330	14
1500	10	14	360	26									330	15	350	18			350	11	270	22	340	16
2000															320	8			320	13	220	14		
3000															290	9								
4000																								
5000																								
6000																								
7000																								
8000																								

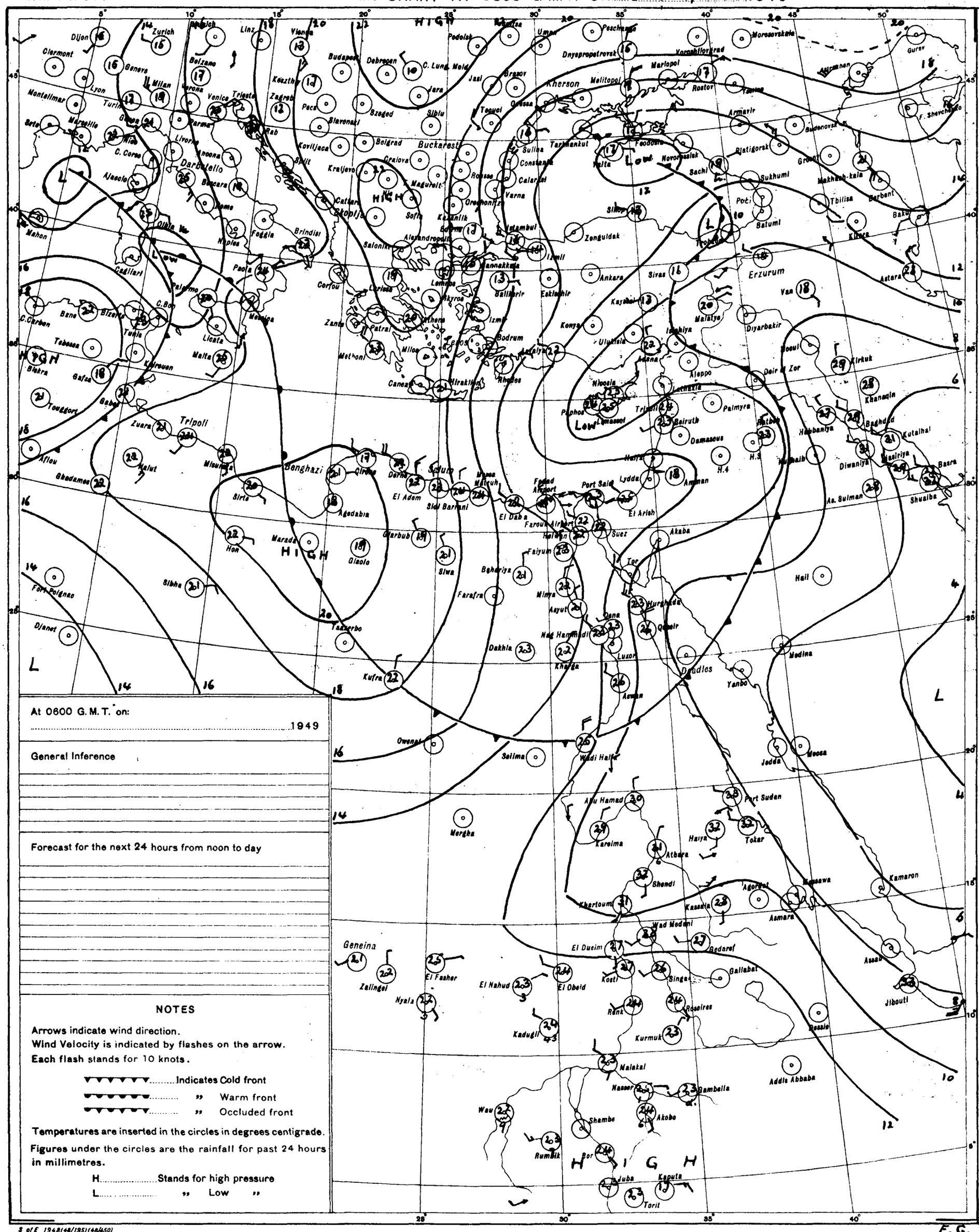
STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7		4		3 30										4 30		4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	350	17	350		340	11	360	9	10	15														
600	350	16	350		340	13	350	17	20	26	360	21											260	7
1000	360	14			350	16	340	31	10	29	20	17									300	3	220	8
1500	20	16					340	28	10	13	60	6									190	9		
2000	30	9					320	13	190	5	330	4									100	9		
3000	300	24							280	5	70	3									60	15		
4000	360	22							260	7	310	4												
5000											50	3												
6000																								
7000																								
8000																								

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

Note: All times G. M. T.

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

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON WEDNES. 14 - 9 - 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	(R)
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,
	Rain	21	•
	Showers of rain	25	▽•
	,, ,, hail	27	▽▲
	Fog	28	≡
	Thunderstorm	29	R
Duststorm or Sandstorm		31	≋
Fog		45	≡
Drizzle		50	,
Rain		60	•
Showers of rain		80	▽•
,, ,, hail		87	▽▲
Rain / Hail	Thunderstorm during the past hour	91 / 93	R• / R▲
Thunderstorm with rain		95	R•
,, ,, hail		96	R▲
,, ,, Sandstorm		98	R≋

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

Cloudless	—	—	○
Cirrus	Ci	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 39 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 : Thursday 15th September, 1949

At 1200 on Wednes. 14th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALÛM	40	7	7	01	2	0	—	17.6	25	54	15
	62303	SÎDI BARÂNI	340	12	50	02	2	8	CS	17.3	25	70	19
	62306	MATRÛH	20	19	18	00	1	0	—		26	42	12
	62309	EL DABA	340	13	35	01	1	2	Cu	14.4	25	47	13
		ALEXANDRIA	310	22	50	02	2	4	Sc,Cu	14.4	24	54	14
	62318	FOUAD (Airport)	340	14	18	02	1	3	Cu	13.9	26	55	16
	62330	DAMIETTA	320	5	15	02	1	3	Cu	12.6	25	70	19
	62333	PORT SAÏD	330	13	30	01	0	1	Sc	12.5	26	62	18
	62336	EL 'ARISH	340	5	35	01	0	0	—	12.7	26	84	23
LOWER EGYPT	62339	DAMANHUR	360	9	15	02	0	0	—	13.9	26	62	18
	62342	MANSURA	320	9	35	03	2	4	Cu	13.0	29	46	16
	62348	TANTA	270	5	35	01	1	5	Cu	13.5	28	52	17
	62354	ZAGAZIG	320	5	35	02	1	2	Ac	12.6	29	52	18
	62441	ISMAÏLIA	290	2	35	01	1	2	Ac	11.9	29	40	14
CAIRO AREA	62366	FAROUK (Airport)	290	10	30	01	1	1	Cu	12.8	28	40	13
	62372	ALMAZA	360	6	15	01	0	1	Cu	12.8	27	45	14
		EZBEKÎYA	340	5	35	00	0	0	—	13.0	28	45	15
		GÎZA	340	5	35	00	0	0	—	12.9	29	35	12
	62378	HELWÂN	320	10	15	02	0	0	—	12.7	27	37	11
UPPER EGYPT	62381	FAIYÛM	360	2	35	01	0	0	—	12.8	29	35	12
	62387	MINYA	20	12	12	00	0	0	—	13.5	29	35	12
	62393	ASYÛT MANQABAD	340	13	30	00	0	0	—	12.6	29	37	10
	62399	NAG' HAMMÂDI	270	3	7	00	0	0	—	10.4	29	40	14
	62402	QENA	240	5	50	00	0	0	—	9.5	34	27	12
	62405	LUXOR											
	62414	ASWÂN	340	2	50	00	0	0	—	9.1	34	22	9
OASES	62417	SÎWA	320	7	35	00	0	0	—	18.4	30	59	21
	62420	BAHARÎYA	360	6	35	02	0	0	—	14.7	28	45	15
	62423	FARAFRA											
	62432	DAKHLA	340	6	50	00	0	0	—	12.8	28	33	10
	62435	KHARGA	360	9	15	00	0	0	—	12.8	30	35	13
RED SEA	62450	SUEZ	360	4	50	01	0	0	—	10.7	28	40	13
	62459	TÛR	310	11	35	00	0	0	—	9.2	27	70	21
	62462	HURGHÂDA	330	22		00	0	0	—	8.3	26	70	20
	62465	QUSEIR	20	13	15	00	0	0	—	8.1	28	70	22
	62641	PORT SÛDÂN											
NORTH SÛDÂN	62600	WÂDI HALFA											
	62640	ABU HAMAD											
	62660	KAREIMA											
	62680	'ATBARA	290	2	30	02	2	8	Cs	4.8	40	12	5
	62721	KHARTÛM	230	11	30	03	1	4	Cu	5.8	38	22	13
	62730	KASSALA	200	2	30	03	1	6	Cu	5.9	37	35	19
CENTRAL SÛDÂN	62751	WÂD MEDANI	220	9	35	03	2	8	Fs,Fc	7.1	35	73	18
	62801	RENK	230	13	50	01	1	5	Cu	9.0	34	47	21
	62802	ROSEIRES	200	2	35	00	0	0	—	9.4	32	56	22
	62771	EL OBEID	270	10	30	02	1	6	Cu,Ac	7.5	33	38	17
	62760	EL FÂSHER											
	62770	GENEINA	270	4	30	02	2	7	Cu,Ac		31	14	16
S. SÛDÂN	62840	MALAKÂL	230	2	30	01	2	5	Cu,Ac	9.7	31	59	22
	62880	WAU	230	3	30	02	2	6	Cu,Ac	9.1	30	62	21
	62941	JUBA	50	5	30	03	2	5	Cu,Ci	8.6	31	49	19

At 1800 on Wednes. 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	SALÛM	360	4	7	02	0	0	—	17.9	24	69	18	0
	62303	SÎDI BARÂNI	340	7	35	02	2	8	CS	17.4	22	83	19	0
	62306	MATRÛH	20	13	11	02	1	4	Sc	17.6	22	61	14	0
	62309	EL DABA	340	13	15	01	1	2	Cu	16.7	22	57	13	0
		ALEXANDRIA	310	17		03	2	5	Sc,Cu	16.2	22	65	15	0
	62318	FOUAD (Airport)	340	16	12	02	1	5	Sc	14.9	22	61	14	0
	62330	DAMIETTA	320	5		01	0	2	Sc	13.8	23	74	18	0
	62333	PORT SAÏD	330	12	14	02	0	1	Sc	13.4	24	69	18	0
	62336	EL 'ARISH	320	2	15	03	2	6	Cb	12.3	24	69	18	0
LOWER EGYPT	62339	DAMANHUR	360	9	15	02	0	0	—	15.4	21	74	16	0
	62342	MANSURA	20	5		02	1	3	Cu	14.4	22	74	17	0
	62348	TANTA	310	2	35	01	1	4	Cu	14.6	20	73	15	0
	62354	ZAGAZIG	320	2	35	00	1	0	—	14.6	21	88	19	0
	62441	ISMAÏLIA	340	5	35	01	0	0	—	13.8	24	61	16	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMAZA												
		EZBEKÎYA	340	5	15	00	0	0	—	14.6	23	57	14	0
		GÎZA	340	5	15	00	0	0	—	14.2	22	66	15	0
	62378	HELWÂN	340	13	15	02	0	0	—	14.3	23	50	12	0
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0	—	13.9	25	47	13	0
	62387	MINYA	10	10	10	00	0	0	—	13.5	23	50	12	0
	62393	ASYÛT MANQABAD												
	62399	NAG' HAMMÂDI				00	0	0	—	11.0	25	47	13	0
	62402	QENA	340	5	7	00	0	0	—	10.0	28	40	13	0
	62405	LUXOR	330	5	12	00	0	0	—	10.7	27	40	12	0
	62414	ASWÂN	360	4	50	00	0	0	—	10.2	33	19	6	0
OASES	62417	SÎWA	40	12	35	00	0	0	—	18.0	25	61	17	0
	62420	BAHARÎYA	360	5	15	02	0	0	—	15.4	24	60	12	0
	62423	FARAFRA												
	62432	DAKHLA	320	6	50	00	0	0	—		25	42	11	0
	62435	KHARGA	360	1	15	00	0	0	—	13.3	27	42	13	0
RED SEA	62450	SUEZ	360	5	35	02	0	0	—	12.6	25	61	17	0
	62459	TÛR	310	12	15	00	0	0	—	10.4	26	62	19	0
	62462	HURGHÂDA	310	13		00	0	0	—	9.5	25	62	18	0
	62465	QUSEIR	360	9	15	00	0	0	—	3.6	26	62	18	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	WAU												
	62941	JUBA												

At 0600 on Thursday 15th September,

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL mms. Total From Oct. 1st.	RAINFALL mms. Normal From Oct. 1st.
MEDITERRANEAN	62300	SALUM	320	6	7	02	0	0	—	18.4		24	28		17		69	18	0		
	62303	SÎDI BARÂNI	360	8	50	02	2	8	Cs	19.1		24	26		22		74	19	0	278	
	62306	MATRÛH	30	11	15	02	1	2	Cu	17.5		23	27		21		67	14	0		
	62309	EL DABA	340	8	15	00	0	2	Cu	17.1		23	26		21		50	12	0		
		ALEXANDRIA	360	15	35	03	2	4	Sc,Cu	16.3	+2.7	23	26	-4	21	-1	65	16	0	267	186
	62318	FOUAD (Airport)	340	13	18	01	1	4	Cu	16.0		24	27		21		61	16	0	265	138
	62330	DAMIETTA	340	2	3	01	0	1	Cu	15.1	+2.3	24	26		18		61	76	0	320	106
	62333	PORT SAÏD	350	9	14	01	0	1	Sc	15.0		24	27		22		65	17	0	72	
	62336	EL 'ARISH	220	2	35	01	0	1	Cu	14.4	+1.6	24	27	-3	18	-2	69	18	0		94
LOWER EGYPT	62339	DAMANHUR	360	5	15	01	1	1	Cu	15.9	+2.5	22	28	-4	17	-2	74	17	0	102	101
	62342	MANSURA	360	5	35	00	0	0	—	15.6	+2.5	23	29	-4	17	-2	65	16	0	49	55
	62348	TANTA	270	2	35	02	1	0	—	16.4	+2.9	20	29	-4	12	-6	83	17	0	34	44
	62354	ZAGAZIG	250	2	15	00	0	0	—	15.2	+1.7	23	30	-3	15	-3	65	16	0	21	27
	62441	ISMAÏLIA	290	2	35	01	1	5	Ac	14.7		23	30		19		61	15	0	14	
CAIRO AREA	62366	FAROUK (Airport)	320	2	12	00	0	0	—	15.7		21			17		65	14	0		
	62372	ALMAZA	00	0	14	00	0	0	—	15.8		20			17		78	16	0		
		EZBEKÎYA	340	3	15	00	0	2	Sc.,	15.9	+2.7	21	29	-4	18	-2	74	16	0	8	26
		GÎZA	340	3	15	00	0	2	Sc.,	16.0	+2.8	22	29	-3	16	-2	71	16	0	16	27
	62378	HELWÂN	340	8	7	02	0	0	—	15.8	+2.9	20	28	-4	18	-2	73	15	0	16	29
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0	—	16.2	+3.1	22	30	-4	16	-3	65	15	0	8	8
	62387	MINYA	10	10	10	00	0	0	—	16.1		20	30		15		60	12	0	5	
	62393	ASYÛT MANQABAD	340	8	30	00	0	0	—	15.5		21			16		65	14	0	dr.	
	62399	NAG' HAMMÂDI	290	3		00	0	0	—	13.9	+3.3	23	30				65	16	0	0	
	62402	QENA	240	9	35	00	0	0	—	13.0	+2.8	23	36	-2	20	-2	65	16	0	dr.	
	62405	LUXOR											34							dr.	
	62414	ASWÂN	360	4	50	00	0	0	—	13.3	+3.5	24	36	-3	20	-4	50	13	0	2	
OASES	62417	SÎWA	00	0	35	00	0	0	—	20.4	+5.3	21	33	-1	15	-3	50	10	0	1	8
	62420	BAHARÎYA	360	5	35	02	1	5	Ac	17.1	+3.2	20	30	-4	17	-1	73	15	0	dr.	7
	62423	FARAFRA																		dr.	
	62432	DAKHLA	340	5	35	00	0	0	—	16.3	+3.9	20	30	-6	18	-3	64	13	0	dr.	
	62435	KHARGA	360	4	35	00	0	0	—	14.8	+3.3	21	30	-7	19	-2	74	16	0	0	
RED SEA	62450	SUEZ	00	0	35	00	0	3	Cu	15.2	+3.2	21	31	-3	18	-3	74	16	0	12	17
	62459	TÛR	310	9	35	00	0	0	—	12.9	+2.4	23	29	-3	22	0	74	18	0	dr.	13
	62462	HURGHADA	310	19		00	0	0	—	11.6		23	26		22		84	20	0	7	
	62465	QUSEIR	360	19	15	02	0	0	—	11.5	+2.0	26	29	-4	23	-3	62	18	0	0	4
	62641	PORT SUDAN	340	9	30	02	1	5	Ac Cs	10.3		83	35		27		53	22	0	61	106
NORTH SÛDÂN	62600	WÂDI HALFA	350	5	30	00	0	0	—	14.7		23	29		19		34	6	0	27	
	62640	ABU HAMAD	360	9	30	30	3	2	Cu	11.2		28	41		24		25	6	0		
	62660	KAREIMA	360	9	18	00	0	1	Ac	12.2		27	39		27		25	5	0	89	26
	62680	'ATBARA	310	2	30	01	1	5	Ac	10.7		30	41		26		19	4	0	46	67
	62721	KHARTÛM	280	13	30	02	2	7	Ac	10.3		30	39		25		43	16	0	49	155
	62730	KASSALA	180	5	30	01	1	1	Cu	12.4		27	37?		22		66	20	1	345	303
CENTRAL SÛDÂN	62751	WÂD MEDANI	230	5	50	02	9	7	Ac	11.8		25	37		21		70	19	4	239	373
	62801	RENK	330	5	50	02	6	4	Sc	12.7		26	34		22		74	21	#		477
	62802	ROSEIRES																		519	763
	62771	EL OBEID	170	1	30	02	2	7	Sc,Cu	14.2		23	32		21		84	20	23	297	337
	62760	EL FÂSHER	00	0	30	02	0	7	Ac			25	32		21		70	19	0	177	304
	62770	GENEINA	40	2	30	02	2	7	Ac			21	32		19		94	20	9		543
S. SÛDÂN	62840	MALAKÂL																	7	1028	770
	62880	WAU	00	0	30	03	2	7	Ac	13.3		22	31		21		94	21	1	1176	1024
	62941	JUBA	360	2	30	02	1	9	Sc,Ac	15.0		24	30		20		88	22	0	723	910

HUMIDITY %

Mean of day

STATION	on 14th	Diff. from normal
Alexandria	62	-5
Ezbekiya	56	-8
Giza	58	-9
Helwân	53	-1

GÎZA

GRASS MINIMUM TEMP.

ON 15th 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						AIRPORT						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 14th

STATION	Foad A.P.				Minya				Hurghada													
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.
300	340	10			350	16			320	36												
600	340	13			340	16			330	32												
1000	350	13			340	20			340	31												
1500	350	23			340	23			300	16												
2000	10	20			340	12			270	16												
3000					340	7																
4000																						
5000																						
6000																						
7000																						
8000																						

UPPER WIND OBSERVATIONS on 15th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		EL 'ARISH		HELWÂN		MINYA		ASYÛT MANQABAD		LUXOR		ASWÂN		HURGHADA		Almaza	
TIME	9		4		3								3 30		9				5		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	360	23	340	24	340	16							360	26	330	18			350	9	340	31	340	10
600	10	20	340	18	350	16							360	22	330	16			340	18	320	17	350	8
1000	360	20	350	16	360	8							360	16	340	12			20	18	310	21	320	8
1500	10	22	360	33	350	23							10	16	10	17			300	2	320	5	20	13
2000	10	32											340	16	350	5			310	7	140	3	360	4
3000													30	6	10	6					250	5	330	7
4000															230	2					250	10		
5000																					230	10		
6000																								
7000																								
8000																								

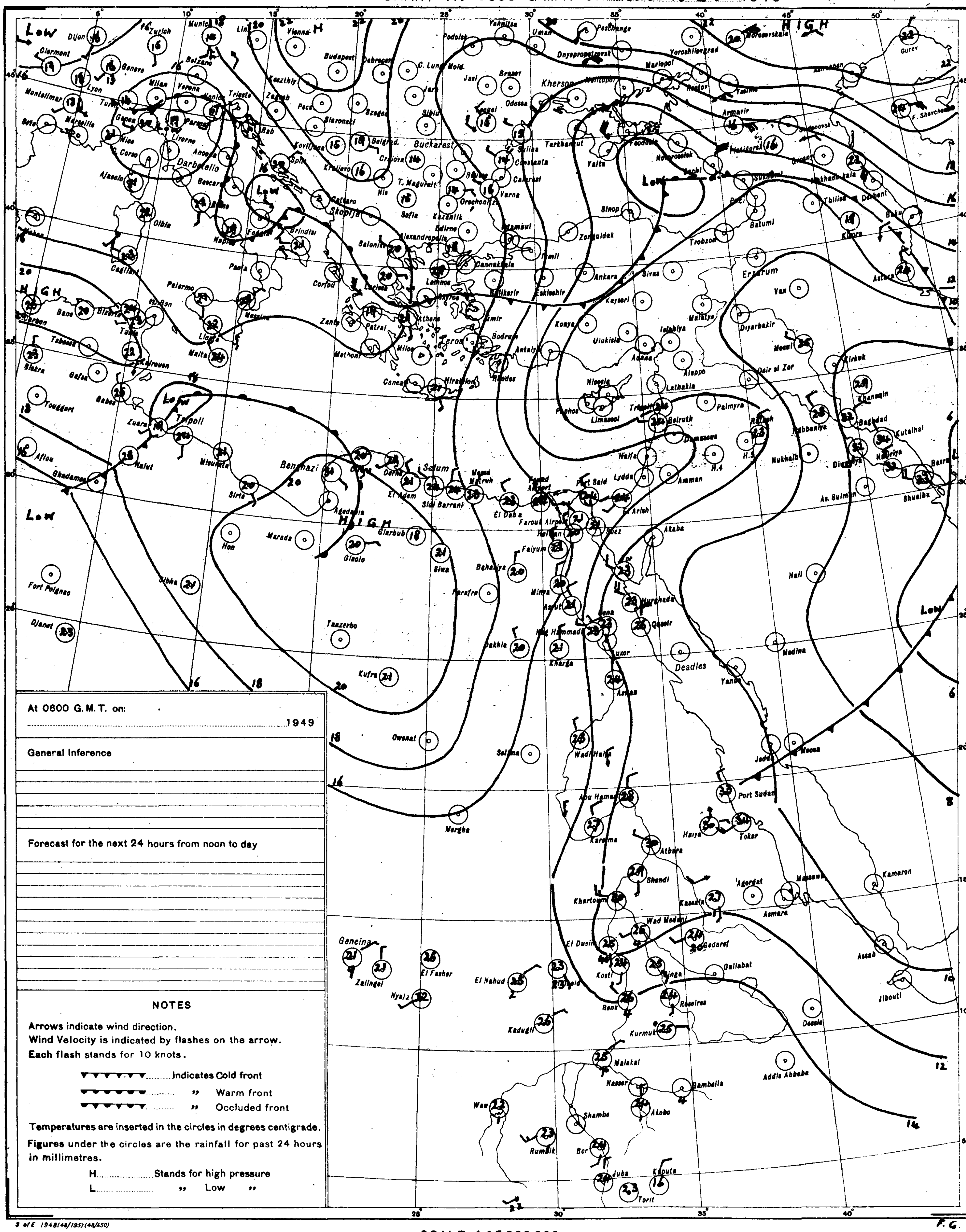
STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7				4						3 30				4 15			
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	360	9	10	30	350	10	360	9			350	19												
600	350	11	10	28	350	10	360	15			20	17					180	12						
1000	340	11	10	30	360	14					360	11					200	11			130	1		
1500	20	17	360	23	360	20	360	17			50	8					240	12			180	5		
2000	10	31	340	16			20	12													170	6		
3000	20	36									300	11					330	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 Thurs. 15 - 9 - 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	Thunderstorm during the past hour	91
Hail		93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	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 40 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 16th September, , 1949

At 1200 on Thurs. 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	340	10	7	02	0	0	—	18.6	28	55	18
	62303	SÎDI BARÂNI	340	10	50	02	2	8	Cs	19.1	26	70	20
	62306	MATRÛH	20	13	18	01	1	2	Cu	18.1	26	55	16
	62309	EL DABA	340	6	35	01	0	2	Ac	16.2	25	54	15
		ALEXANDRIA	360	17	15	01	2	3	Sc,Cu	16.0	25	61	17
	62318	FOUAD (Airport)	360	15	18	02	1	4	Cu	16.2	27	52	16
	62330	DAMIETTA	320	2	15	02	0	1	Cu	14.9	25	70	19
	62333	PORT SAÏD	10	6	30	01	0	0	—	15.0	25	58	16
	62336	EL 'ARISH	320	5	35	03	0	2	Cu	13.4	26	55	16
LOWER EGYPT	62339	DAMANHUR	360	9	15	02	1	2	Cu	15.6	27	66	20
	62342	MANSURA	340	13	35	02	1	2	Cu	15.2	28	45	15
	62348	TANTA	310	8	35	02	0	0	—	15.6?	29	46	16
	62354	ZAGAZIG	220	2	35	00	0	0	—	14.7	30	52	19
	62441	ISMAÏLIA	20	2	35	01	0	0	—	13.9	29	40	14
CAIRO AREA	62366	FAROUK (Airport)	340	14	30	00	1	0	—	14.6	28	33	10
	62372	ALMÂZA											
		EZBEKÎYA	360	4	35	00	0	0	—	14.6?	28	45	15
		GÎZA	360	4	35	00	0	0	—	15.2?	28	33	10
	62378	HELWÂN	320	11	15	02	0	0	—	14.2	28	33	10
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0	—	14.2	28	40	13
	62387	MINYA	20	12	10	00	1	0	—	14.2	29	43	15
	62393	ASYÛT MANQABÂD	340	14	30	00	0	0	—	12.8	30	29	10
	62399	NAG' HAMMÂDI	270	2	7	00	0	0	—	11.1	30	40	15
	62402	QENA	240	5	50	00	0	0	—	10.8	33	38	17
	62405	LUXOR											
	62414	ASWÂN	00	0	50	00	0	0	—	9.6	34	32	15
OASES	62417	SÎWA	320	4	35	00	0	0	—	19.0	30	28	10
	62420	BAHARÎYA	360	3	35	02	1	0	—	15.4	29	40	14
	62423	FARAFRA											
	62432	DAKHLA	320	11	50	00	0	0	—	13.6	27	37	11
	62435	KHARGA	360	5	15	00	0	0	—	12.7	30	35	13
RED SEA	62450	SUEZ	360	5	50	01	0	0	—	12.4	30	35	13
	62459	TÛR	310	12	35	00	0	0	—	10.8	27	79	23
	62462	HURGHÂDA	340	13		00	0	0	—	10.3	26	70	20
	62465	QUSEIR	360	13	15	02	0	0	—	10.6	29	59	20
	62641	PORT SÛDÂN	10	14	30	00	1	0	—	7.7	33	63	25
NORTH SÛDÂN	62600	WÂDI HALFA	20	8	30	03	0	1	Ci	12.4	33	11	-1
	62640	ABU HAMAD	310	2	30	03	0	3	Ci	6.9	38	15	7
	62660	KAREIMA	340	7	30	00	0	0	—	8.0	37	11	1
	62680	'ATBARA	310	5	30	02	2	8	Ac,Ci	6.8	39	10	2
	62721	KHARTÛM											
	62730	KASSALA	00	0	30	00	0	0	—	7.8	36	40	20
CENTRAL SÛDÂN	62751	WÂD MEDANI	310	5	35	01	1	6		7.4	35	56	25
	62801	RENK	310	5	50	01	1	4	Cu	8.2?	33	53	22
	62802	ROSEIRES	230	2	35	00	0	0	—	8.6	33	53	22
	62771	EL OBEID	290	5	30	02	1	5	Cu,Ac	8.2	32	49	20
	62760	EL FÂSHER	70	6	30	02	1	5	Cu,Ac		33	34	15
	62770	GENEINA	70	4	30	02	2	7	Ac		29	49	17
S. SÛDÂN	62840	MALAKÂL	270	2	30	02	1	6	Cu,Ac	8.5	32	56	22
	62880	WÂU	140	1	30	02	2	5	Cu,Ac	10.0	31	55	21
	62941	JUBA	70	2	30	15	2	7	Ns,Sc,Ac	9.6	29	62	21

At 1800 on Thurs. 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	SALÛM	320	4	7	02	0	0	—	18.2	24	61	16	0
	62303	SÎDI BARÂNI	340	7	35	02	2	8	Cs	19.6	24	74	19	0
	62306	MATRÛH	20	9	7	00	0	0	—	18.3	22	74	17	0
	62309	EL DABA	320	7	15	00	0	0	—	16.0	22	65	15	0
		ALEXANDRIA	360	14		03	2	4	Sc,Cu	16.0	23	65	16	0
	62318	FOUAD (Airport)	360	10	12	00	1	1	Sc	16.2	22	74	17	0
	62330	DAMIETTA	340	2		00	0	0	—	14.0	23	74	18	0
	62333	PORT SAÏD	360	8	15	02	0	1	Sc	15.3	23	74	17	0
	62336	EL 'ARISH	40	9	15	03	1	5	Cl	13.6	25	61	17	0
LOWER EGYPT	62339	DAMANHUR	360	9	15	02	0	0	—	16.2	21	88	18	0
	62342	MANSURA	320	5		00	1	0	—	15.6	22	74	17	0
	62348	TANTA	310	2	35	02	0	0	—	15.3	21	74	16	0
	62354	ZAGAZIG	320	2	35	00	0	0	—	15.9	22	88	19	0
	62441	ISMAÏLIA	360	2	35	02	0	0	—	15.1	23	65	16	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMÂZA												
		EZBEKÎYA	360	5	15	00	0	0	—	15.5	23	65	16	0
		GÎZA	360	5	15	00	0	0	—	16.2?	22	64	15	0
	62378	HELWÂN	340	7	15	02	0	0	—	15.1	24	64	14	0
UPPER EGYPT	62381	FAIYÛM	360	2	35	02	0	0	—	14.7	24	61	16	0
	62387	MINYA	360	1	10	00	0	0	—	14.4	21	74	16	0
	62393	ASYÛT MANQABÂD												
	62399	NAG' HAMMÂDI	270	2		00	0	0	—	11.1	26	42	12	0
	62402	QENA	240	9	7	00	0	0	—	11.1	26	55	16	0
	62405	LUXOR												
	62414	ASWÂN												
OASES	62417	SÎWA	00	0	35	00	0	0	—	18.3	27	33	9	0
	62420	BAHARÎYA	360	4	15	02	0	0	—	16.0	25	47	13	0
	62423	FARAFRA												
	62432	DAKHLA	320	9	35	00	0	0	—	14.1	26	37	10	0
	62435	KHARGA	360	1	15	00	0	0	—	13.0	27	40	12	0
RED SEA	62450	SUEZ	360	4	35	02	0	0	—	14.6	24	61	16	0
	62459	TÛR	310	5	15	00	0	0	—	11.7	26?	70	21	0
	62462	HURGHÂDA	290	12		00	0	0	—	10.3	25?	88	24	0
	62465	QUSEIR	40	5	15	02	0	0	—	10.7	26	70	20	0
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 Friday 16th September,

AREA	INDEX NUMBER	STATION	WIND 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	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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.
MEDITERRANEAN		SALÛM	320	1	7	02	0	0	—	17.8		24	28		16		61	16	0		
		SÎDI BARÂNI	290	3	50	02	2	8	Cs	18.4		24	26		16		84	21	0	278	
		MATRÛH	00	0	17	00	0	0	—	17.6		24	26		15		69	18	0		
		EL DABA	360	5	15	00	0	0	—	17.2		24	26		20		61	16	0		
		ALEXANDRIA	360	6	50	01	2	3	Sc,Cu	17.2	+3.5	25	27	-3	22	0	61	17	0	267	187
		FOUAD (Airport)	20	10	18	02	0	0	—	16.6		25	28		19		65	18	0	265	138
		DAMIETTA	40	2	7	03	0	1	Cu	16.3	+3.4	24	26		18		74	19	0	320	106
		PORT SAÏD	40	9	18	03	0	3	Sc	15.9		25	26		22		70	19	0	72	
		EL 'ARISH	00	0	35	01	0	1	Cu	15.4	+2.5	24	26	-4	18	-1	61	16	0		94
LOWER EGYPT		DAMANHUR	360	5	15	02	0	0	—	15.9	+2.3	22	29	-3	16	-3	89	20	0	102	101
		MANSURA	20	9	35	00	0	0	—	16.6	+3.4	24	30	-3	18	-1	74	19	0	49	55
		TANTA	20	2	35	02	0	0	—	16.8	+3.2	23	29	-4	13	-5	74	18	0	34	44
		ZAGAZIG	20	2	15	00	0	0	—	16.2	+2.7	24	31	-2	17	-1	74	19	0	21	27
		ISMAÏLIA	160	2	35	02	0	0	—	15.8		26	30		17		62	18	0	14	
CAIRO AREA		FAROUK (Airport)	70	8	12	01	1	1	Sc	16.1		21			17		74	16	0		
		ALMÂZA	10	5	12	03	0	2	Sc	15.8		20			17		83	17	0		
		EZBEKÎYA	20	3	15	00	0	0	—	15.8	+2.5	23	29	-4	18	-2	74	18	0	8	26
		GÎZA	20	3	15	00	0	0	—	16.6	+3.3	22	29	-3	16	-2	74	17	0	16	27
		HELWÂN	20	16	15	00	0	3	Sc	15.9	+2.9	22	29	-3	19	-1	74	17	0	16	29
UPPER EGYPT		FAIYÛM	360	5	35	03	0	1	Sc,Cu	16.0	+2.8	22	30	-4	17	-2	74	17	0	8	8
		MINYA	30	12	10	00	0	0	—	15.3		21	30		17		74	16	0	5	
		ASYÛT MANQABÂD	340	3	30	00	0	0	—	14.8		22			16		66	15	0	dr.	
		NAG' HAMMÂDI	290	2	3	00	0	0	—	13.0	+2.3	24	32		18		61	16	0	0	
		QENA	240	5	35	00	0	0	—	12.7	+2.3	23	34	-4	20	-2	65	16	0	dr.	
		LUXOR																		dr.	
		ASWÂN	00	0	50	00	0	0	—	12.4	+2.5	25			19	-5	51	14	0	2	
OASES		SÎWA	00	0	35	00	0	0	—	12.6	+4.4	20	32	-3	14	-4	64	13	0	1	8
		BAHARÎYA	360	3	35	02	1	3	Ac	16.8	+2.8	20	30	-4	17	-1	83	17	0	dr.	7
		FARAFRA																		dr.	
		DAKHLA	320	4	35	00	0	0	—	15.2	+2.7	21	30	-6	18	-3	67	12	0	dr.	
		KHARGA	360	6	15	00	0	0	—	14.7	+3.1	22	30	-7	19	-2	74	17	0	0	
RED SEA		SUEZ	360	7	50	00	0	0	—	15.1	+3.0	25	31	-2	17	-4	54	15	0	12	17
		TÛR	310	5	35	00	0	0	—	11.9	+2.3	23	28	-4	22	0	74	18	0	dr.	13
		HURGHADA	310	19?		00	0	0	—	11.1		24	26		21		69	18	0	7	
		QUSEIR	330	9	15	02	0	0	—	11.2	+1.6	27	29	-3	23	-3	52	16	0	0	4
		PORT SÛDÂN	00	0	30	03	1	2	Ac	9.9		31	33		27		59	22	dr.	61	106
NORTH SÛDÂN		WÂDI HALFA	350	9	30	00	0	0	—	13.6		23	34				36	7	0	27	
		ABU HAMAD	360	5	30	03	0	2	Ci	10.9		27	39		22		20	4	0		
		KAREIMA	350	11	30	00	0	0	—	11.9		27	35		22		22	3	0	89	26
		'ATBARA	340	13	30	01	0	3	Ci	9.2		29	40		24		20	4	0	46	67
		KHARTÛM	300	10	30	03	0	1	Ac	10.4		29	39		24		17	1	0	49	156
		KASSALA	180	5	30	00	0	0	—	11.1		27	37		23		70	21	0	345	365
CENTRAL SÛDÂN		WÂD MEDANI	310	5	50	02	0	0	—	11.2		25	37		21		79	21	0	239	275
		RENK																			480
		ROSEIRES																	0	519	770
		EL OBEID	360	9	30	01	0	1	Ci	12.0		25	33		22		36	9	0	297	340
		EL FÂSHER	70	2	30	02	1	6	Ci			25	35		21		36	9	0	177	304
		GENEINA	50	3	30	00	0	1	Ac			21	30		19		74	16	0		545
S. SÛDÂN		MALAKÂL	00	0	30	02	2		Sc,Ac	12.5		24	33		22		15	23	0	1028	775
		WÂU	160	4	30	01	1	1	Ac	12.3		25	32		23		79	21	dr.	1176	1030
		JUBA	200	2	30	03	2	6	St,Ac	13.7		23	30		21		94	22	0	723	914

HUMIDITY % Mean of day

STATION	on 15th	Diff. from normal
Alexandria	63	-4
Ezbekiya	60	-4
Giza	63	-4
Helwân	56	+2

GÎZA GRASS MINIMUM TEMP. ON 16th 10.4 °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 15th At 15th — AIRPORT

PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	123	26	51	340	10
950					
900					
850	1616	14	—	360	11
800					
700	3137	8	—	330	11
600					
500	5834	-8	—	290	14
400					
300	7593	-35	—		

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	Matruh				Fouad A/P				Minya				Hurghada											
TIME	14	30			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	340	15			340	14			360	7			340	32										
600	340	29			350	10			10	30			340	28										
1000	330	24			350	16			10	19			340	11										
1500	360	19			350	14			20	23														
2000					350	16			20	26														
3000					360	16			30	26														
4000					340	14																		
5000					330	13																		
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 16th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		ulmaza	
TIME	9		5		3								3	15	9						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	290	7	340	9	20	16							10	18	360	13					340	33	40	9
600	280	10	340	10	10	13							10	30	360	10					310	30	50	15
1000	290	12	10	16	10	16							20	24	20	10					310	20	30	6
1500	310	15	360	19									360	21	10	12					290	15		
2000	330	17	340	16									20	14	360	10								
3000			350	14											30	12								
4000																								
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABU HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7		4		3								4					
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	240	6	10	25	360	8	360	14	360	15														
600	10	16	20	29	360	13	360	21			360	21												
1000	360	19	10	25	30	19	360	25	90	19	40	27							30	12				
1500	20	17	360				20	9	360	13	310	4							60	14				
2000	10	31	20				10	13	300	6	240	6												
3000	10	36							220	24	170	7												
4000																								
5000																								
6000																								
7000																								
8000																								

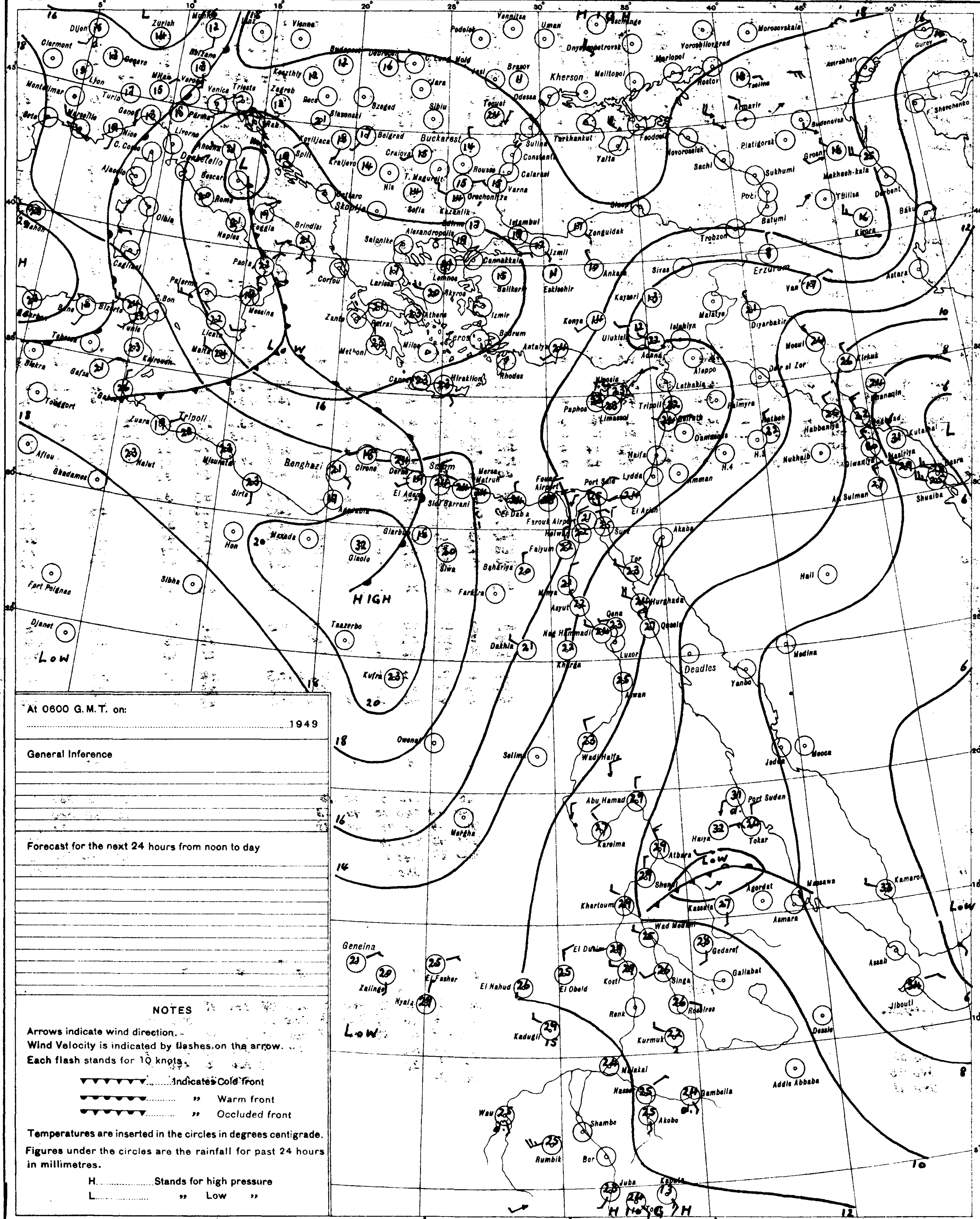
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *FRI. 16 - 9 -* 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

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
Drizzle	5
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 40 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 : Saturday 17th September, , 1949

At 1200 on Fri 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	90	9	7	02	0	0	—	17.2	27	79	23
	62303	SÎDI BARÂNI	340	4	50	02	2	8	Cs	17.6	25	84	22
	62306	MATRÛH	20	8	17	00	0	0	—	17.5	26	62	18
	62309	EL DABA	360	8	35	00	0	0	—	17.3	26	55	16
		ALEXANDRIA	360	20	50	00	0	0	—	17.2	26	70	18
	62318	FOUAD (Airport)	340	10	18	02	0	0	—	15.9	27	55	17
	62330	DAMIETTA	320	2	15	00	0	0	—	15.4	25	61	17
	62333	PORT SA'ID	10	9	30	02	1	1	Sc	15.1	27	58	18
	62336	EL 'ARISH	320	2	35	03	0	0	—	13.6	26	56	16
LOWER EGYPT	62339	DAMANHUR	360	13	15	02	0	0	—	15.9	28	58	19
	62342	MANSURA	360	13	35	00	1	0	—	16.5	30	40	15
	62348	TANTA	360	14	35	01	1	4	Cu	15.6	30	46	13
	62354	ZAGAZIG	20	2	35	00	0	0	—	14.6	31	49	19
	62441	ISMAILIA	20	6	35	02	0	0	—	14.0	30	35	13
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMAZA	360	15	30	02	0	1	Cu	14.2	30	38	14
		EZBEKIYA	360	5	35	00	0	0	—	14.3	30	46	17
		GIZA	360	5	35	00	0	0	—	14.6	29	38	14
	62378	HELWÂN	360	16	35	02	0	0	—	13.4	30	34	13
UPPER EGYPT	62381	FAIYÛM	360	8	35	01	0	0	—	13.6	30	34	13
	62387	MINYA	20	17	12	00	0	0	—	13.1	30	32	12
	62393	ASYÛT MANQABAD											
	62399	NAG' HAMMADI	00	0	7	00	0	0	—	9.8	32	38	16
	62402	QENA	290	5	50	00	0	0	—	7.8	34	41	19
	62405	LUXOR											
	62414	ASWÂN	00	0	60	00	0	0	—	9.4	36	29	15
OASES	62417	SÎWA	00	0	35	00	0	0	—	18.6	32	34	14
	62420	BAHARÎYA	360	2	35	02	1	0	—	15.1	31	38	15
	62423	FARAFRA											
	62432	DAKHLA	340	6	50	00	0	0	—	13.7	29	23	6
	62435	KHARGA	360	4	15	00	0	0	—	12.2	32	28	11
RED SEA	62450	SUEZ	360	8	50	02	0	0	—	13.4	31	31	12
	62459	TÛR	310	15	35	00	0	0	—	10.0	27	70	21
	62462	HURGHÂDA	340	13		00	0	0	—	9.5	26	74	21
	62465	QUSEIR	360	9	15	02	0	0	—	9.0	29	59	20
	62641	PORT SÛDÂN	360	12	30	03	0	1	ac	7.0	33	50	21
NORTH SÛDÂN	62600	WÂDI HALFA											
	62640	ABU HAMAD	310	2	30	00	0	0	—	5.5	39	13	6
	62660	KAREIMA	340	6	30	00	0	0	—	7.6	37	10	0
	62680	'ATBARA	340	5	30	00	1	0	—	5.0	40	11	4
	62721	KHARTÛM	290	3	30	02	0	0	—	6.0	38	11	3
	62730	KASSALA	270	2	30	00	0	1	Cu	5.1	37	35	19
CENTRAL SÛDÂN	62751	WÂD MEDANI	340	5	35	00	0	0	—	6.8	37	17	8
	62801	RENK	230	9	50	01	1	4	Cu	7.1	35	42	20
	62802	ROSEIRES											
	62771	EL OBEID	50	4	30	01	0	1	Ci	8.0	33	19	6
	62760	EL FÂSHER	360	2	30	00	1	1	Ci		34	14	3
	62770	GENEINA	50	4	30	01	0	3	Cu		31	31	12
S. SÛDÂN	62840	MALAKÂL	230	3	30	03	1	6	Cu,Ac	8.2	31	62	23
	62880	WAU	40	5	18	03	1	6	Cu,Ac	7.5	33	63	22
	62941	JUBA	360	5	30	15	1	6	Ck	7.4	33	55	23

At 1800 on Fri. 16th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms
MEDITERRANEAN	62300	SALÛM	320	4	7	02	0	0	—	16.0	24	74	19	0
	62303	SÎDI BARÂNI	00	0	35	02	2	8	Cs	16.8	22	83	19	0
	62306	MATRÛH	00	0	13	00	0	0	—	16.5	22	83	19	t
	62309	EL DABA	00	0	7	00	0	0	—	16.4	22	83	19	0
		ALEXANDRIA	360	14		00	0	0	—	16.6	23	74	18	0
	62318	FOUAD (Airport)	360	9	12	02	0	0	—	16.0	22	78	18	0
	62330	DAMIETTA	320	2		00	0	0	—	15.1	23	74	18	0
	62333	PORT SA'ID	360	10	18	02	0	0	—	15.1	24	69	18	0
	62336	EL 'ARISH	320	9	15	03	1	3	Cb	13.8	25	70	19	0
LOWER EGYPT	62339	DAMANHUR	360	9	15	02	0	0	—	15.9	23	80	20	0
	62342	MANSURA	20	5		00	0	0	—	16.2	22	74	17	0
	62348	TANTA	00	0	35	02	1	0	—	16.8	21	83	18	0
	62354	ZAGAZIG	20	2	35	00	0	0	—	15.5	22	83	19	0
	62441	ISMAILIA	40	2	35	02	0	0	—	15.9	26	60	17	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMAZA												
		EZBEKIYA	340	5	15	00	0	0	—	15.5	24	61	16	0
		GIZA	340	5	15	00	0	0	—	15.6	24	57	16	0
	62378	HELWÂN	360	11	15	02	0	0	—	15.0	25	47	13	0
UPPER EGYPT	62381	FAIYÛM	360	5	35	01	0	0	—	13.6	26	48	14	0
	62387	MINYA	10	10	10	00	0	0	—	12.8	25	51	14	0
	62393	ASYÛT MANQABAD												
	62399	NAG' HAMMADI	00	0		00	0	0	—	9.3	25	54	15	0
	62402	QENA	240	9	7	00	0	0	—	9.9	28	45	15	0
	62405	LUXOR	290	5	12	00	0	0	—	9.2	28	45	15	0
	62414	ASWÂN	00	0	50	00	0	0	—	7.6	31	38	15	0
OASES	62417	SÎWA	00	0	35	00	0	0	—	17.4	27	52	16	0
	62420	BAHARÎYA	360	4	15	02	0	0	—	15.0	27	42	13	0
	62423	FARAFRA												
	62432	DAKHLA												
	62435	KHARGA	320	4	35	00	0	0	—	12.9	28	27	7	0
			360	6	15	00	0	0	—	11.9	27	42	13	0
RED SEA	62450	SUEZ	360	4	35	02	0	0	—	14.2	24	54	14	0
	62459	TÛR	310	10	15	00	0	0	—	8.4			17	0
	62462	HURGHÂDA												
	62465	QUSEIR	330	5	15	02	0	0	—	9.5	26	70	20	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	WAU												
	62941	JUBA												

At 0600 on Saturday 17th September,

AREA	INDEX NUMBER	STATION	WIND 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	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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.
MEDITERRANEAN	62300	SALUM	270	2	7	02	0	0	—	15.1		25	28		18		70	19	0		
	62303	SIDI BARANI	320	7	50	02	2	8	Cu,Cs	15.6		25	26		17		64	22	0	278	
	62306	MATRUH	00	0	15	03	1	4	Sc	15.4		22	27		14		69	16	0		
	62309	EL DABA	270	2	15	08	2	7	Sc,Cu	14.6		22	27		16		83	19	0		
		ALEXANDRIA	00	0	7	03	1	3	Cu,Sc	14.8	+1.0	23	27	-3	20	-2	84	20	0	267	187
	62318	FOUAD (Airport)	270	2	14	03	4	3	Cu	14.6		23	28		17		84	20	0	265	138
	62330	DAMIETTA	220	2		11	0	0	—	14.8	+1.8	24	26		17		74	19	0	329	106
	62333	PORT SA'ID	330	3	12	02	0	0	—	14.4		24	28		22		74	19	0	72	
	62336	EL 'ARISH	00	0	35	01	0	1	Cu	13.3	+0.3	24	27	-3	18	-1	69	18	0		94
LOWER EGYPT	62339	DAMANHUR	270	5	7	02	1	1	Cu	15.5	+1.8	22	29	-3	17	-2	89	20	0	182	101
	62342	MANSURA	360	2	35	00	0	0	—	14.7	+1.3	24	31	-2	17	-2	72	19	0	49	55
	62348	TANTA	00	0	35	02	0	0	—	14.9	+1.0	20	30	-3	12	-6	83	17	0	34	44
	62354	ZAGAZIG	320	2	16	00	0	0	—	14.4	+0.7	22	32	-1	16	-1	83	19	0	21	27
	62441	ISMAILIA	110	2	35	01	0	0	—	14.6		25	31		18		70	19	0	14	
CAIRO AREA	62366	FAROUK (Airport)																			
	62372	ALMAZA	10	8	13	00	0	0	—	14.3		22			18		69	16	0		
		EZBEKIYA	340	2	15	00	0	0	—	14.4	+1.0	21	30	-3	17	-3	74	16	0	8	26
		GIZA	340	2	15	00	0	0	—	15.0	+1.6	22	30	-2	16	-2	76	17	0	16	27
	62378	HELWAN	20	5	15	00	0	0	—	13.8	+0.6	23	30	-2	18	-2	61	15	0	16	29
UPPER EGYPT	62381	FAIYUM	360	5	35	02	0	0	—	14.2	+0.8	27	30	-4	18	-1	52	16	0	8	8
	62387	MINYA	10	11	10	00	0	0	—	13.7		23	31		16		65	15	0	5	
	62393	ASYUT MANQABAD	300	4	30	00	0	0	—	13.7		22			17		61	14	0	dr.	
	62399	NAG' HAMMADI	320	3	7	00	0	0	—	10.7	-0.1	23	33		19		61	15	0	0	
	62402	QENA	270	5	35	00	0	0	—	10.6	0.0	24	36	-2	20	-2	69	18	0	dr.	
	62405	LUXOR											36							dr.	
	62414	ASWAN	00	0	50	00	0	0	—	10.2	+0.2	25	37	-2	21	-3	47	13	0	2	
OASES	62417	SIWA	00	0	35	00	0	0	—	16.8	+1.5	24	34	-1	16	-2	47	12	0	1	8
	62420	BAHARIYA	360	2	35	02	0	0	—	15.4	+1.3	22	31	-3	16	-2	74	17	0	dr.	7
	62423	FARAFRA																		dr.	
	62432	DAKHLA	320	11	35	00	0	0	—	12.8	+0.2	23			18	-3	50	12	0	dr.	
	62435	KHARGA	360	6	35	00	0	0	—	12.0	+0.3	24	33	-4	21	0	54	14	0	6	
RED SEA	62450	SUEZ	360	3	50	00	0	0	—	14.2	+2.0	24	32	-1	18	-3	69	18	0	12	17
	62459	TOR	310	5	35	00	0	0	—	9.7	-0.1	24	29	-3	23	+1	61	16	0	dr.	13
	62462	HURGHADA	310	18		00	0	0	—	9.5		24			22		69	18	0	7	
	62465	QUSEIR	360	9	15	02	0	0	—	9.6	-0.2	27	30	-2	23	-3	42	13	0	9	4
	62641	PORT SUDAN	330	3	30	01	0	0	—	7.7		33	35		24		47	20	0	61	106
NORTH SUDAN	62600	WADI HALFA	20	2	30	03	0	2	Ci	11.6		22	35		18		33	5	0	27	
	62640	ABU HAMAD	310	2	30	01	0	3	Cc	8.9		28	40		22		25	6	0		
	62660	KAREIMA	360	6	30	00	0	0	—	10.2		28	38		22		22	4	0	89	27
	62680	'ATBARA	340	9	30	02	2	8	Cs	7.8		31	41		22		18	4	0	46	67
	62721	KHARTUM																	0	49	157
	62730	KASSALA																	0	345	307
CENTRAL SUDAN	62751	WAD MEDANI	230	5	50	02	1	4	Cs	9.6		27	39		19		42	13	0	239	377
	62801	RENK																			484
	62802	ROSEIRES																	41	560	776
	62771	EL OBEID	340	2	30	02	1	1	Ac,Ci	10.4		26	34		20		37	10		297	343
	62760	EL FASHER	280	2	30	02	1	7	Cs			23	35		18		36	7	0	177	305
	62770	GENEINA	30	7	30	02	1	7	Ac,Ci			19	33		17		88	17	9		347
S. SUDAN	62840	MALAKAL	110	2	30	01	2	5	Ac,Ci	10.9		25	32		20		84	22	T	1037	779
	62880	WAU	00	0	30	03	2	7	Ac	11.6		23	34		21		94	21	0	1176	1036
	62941	JUBA																		723	917

HUMIDITY %
Mean of day

ST. TIC.	on 16th	Diff. fr normal
Alexandria	67	0
Ezbekiya	63	-1
Giza	61	-6
Helwan	54	0

GIZA
GRASS MINIMUM TEMP.
ON 17th 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

On 16th At 15th AIRPORT	PRESSURE mbs	HEIGHT ABOVE M.S.L. metres	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
	1000					
	950					
	900					
	850					
	800					
	700					
	600					
	500					
	400					
	300					

On At AIRPORT	PRESSURE mbs	HEIGHT ABOVE M.S.L. 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 16th

STATION	Matruh				Fouad A.P.				Port Said				Minya				Hurghada			
TIME	14	30			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.
300	320	10			330	12			360	17			350	20			340	33		
600	300	22			350	16			10	16			360	33			340	25		
1000	290	22			360	16			10	18			20	28			330	19		
1500	320	20			10	20			20	23			10	28			330	6		
2000					360	23			20	23							300	11		
3000																	330	6		
4000																	110	5		
5000																				
6000																				
7000																				
8000																				

UPPER WIND OBSERVATIONS on 17th

STATION	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SAID		EL 'ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA		Almaza
TIME	9		3				3						4		9				5		7		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	270	1			10	3					20	27					10	9	340	23	60	13
600	310	13	300	7			20	5					20	24	10	17			10	12	300	19	40	16
1000	320	16	340	16			20	5					10	22	10	22			50	12	300	12	20	21
1500	300	20	340	10			50	8					10	19	20	31			340	2	60	10	20	23
2000			340	20			70	10							20	17			20	4	70	11		
3000			330	26																				
4000																								
5000																								
6000																								
7000																								
8000																								

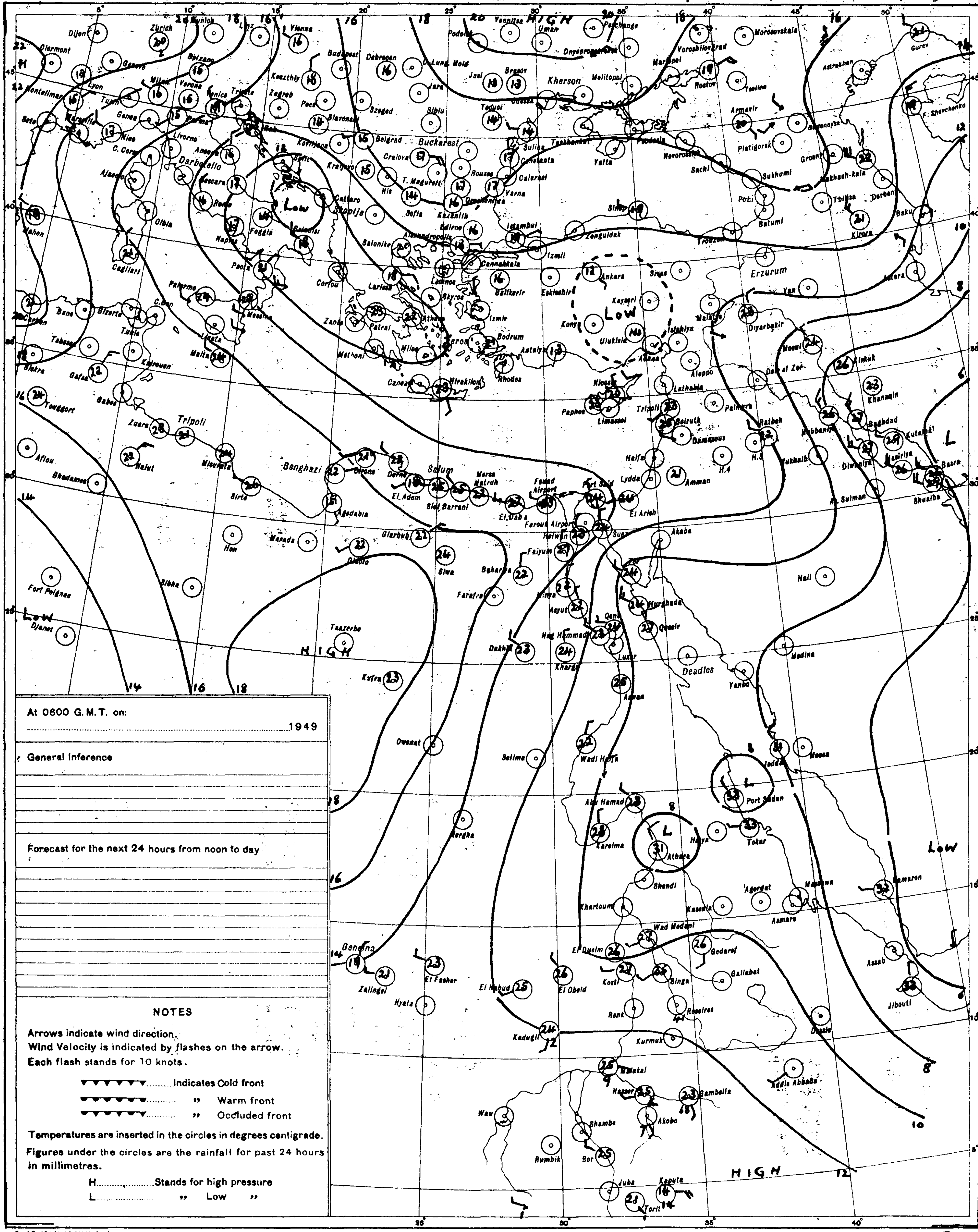
STATION	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL
TIME	9		9		9		7				3										5		4
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	240	6	350	14	350	11	360	23																
600	350	8	330	16	360	11	10	22			360	17											120	2
1000	340	10	350	23	20	24	20	28			30	13											160	3
1500	10	19	360				20	27			270	4									360	6	120	7
2000	360	19	360																		70	14	110	10
3000	360	19																						
4000	10	19																						
5000																								
6000																								
7000																								
8000																								

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

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

Note: All times G. M. T.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON SAT. 17 - 9 - 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	Thunderstorm during the past hour	91
Hail		93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	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 41 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 18th September, 1949

At 1200 on Satur. 17th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms
MEDITERRANEAN	62300	SALÛM	70	8	7	02	0	0	—	14.3	27	70	21	0
	62303	SÎDI BARÂNI	340	4	35	02	2	8	Cs	14.8	25	94	24	0
	62306	MATRÛH												
	62309	EL DABA	360	4	35	00	0	0	—	13.4	26	62	18	0
		ALEXANDRIA	360	8	35	00	0	0	—	13.8	25	70	19	0
	62318	FOUAD (Airport)	340	10	18	02	1	1	Sc	14.0	27	62	19	0
	62330	DAMIETTA	320	2	15	00	0	0	—	13.4	26	70	20	0
	62333	PORT SA'ÎD	360	8	30	01	0	0	—	13.5	26	74	21	0
	62336	EL 'ARISH	320	13	35	01	0	0	—	12.3	26	70	20	0
LOWER EGYPT	62339	DAMANHUR	270	9	15	02	0	0	—	14.8	29	59	20	0
	62342	MANSURA	320	5	35	00	0	0	—	13.1	32	38	16	0
	62348	TANTA	310	5	35	02	0	0	—	13.1	32	43	18	0
	62354	ZAGAZIG	320	5	35	00	0	0	—	12.7	31	49	19	0
	62441	ISMA'ILIA	40	2	35	02	0	0	—	11.9	32	34	14	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMAZA												
		EZBEKÎYA	340	5	35	00	0	0	—	12.2	31	41	16	0
		GÎZA	340	5	35	00	0	0	—	12.8	31	38	15	0
	62378	HELWÂN	360	13	15	02	0	0	—	11.4	32	28	11	0
UPPER EGYPT	62381	FAIYÛM	360	2	35	02	0	0	—	11.6	33	24	10	0
	62387	MINYA	20	11	12	00	0	0	—	10.6	33	30	13	0
	62393	ASYÛT MANQABAD	320	12	30	00	0	0	—	8.3	36	13	4	
	62399	NAG' HAMMÂDI	360	1	15	00	0	0	—	7.8	33	34	15	
	62402	QENA	240	5	50	00	0	0	—	7.4	36	33	17	
	62405	LUXOR												
	62414	ASWÂN	20	3	50	01	1	2	Ci	6.3	37	20	11	
OASES	62417	SÎWA	00	0	35	00	0	0	—	15.6	37	35	19	0
	62420	BAHARÎYA	360	4	35	02	0	0	—	12.4	34	27	12	0
	62423	FARAFRA												
	62432	DAKHLA	340	13	50	00	0	0	—	10.0	35	15	5	
	62435	KHARGA	20	10	35	00	0	0	—	9.1	35	29	14	
RED SEA	62450	SUEZ	360	8	50	02	0	0	—	9.3	33	24	10	0
	62459	TÛR	310	11	35	00	0	0	—	7.1	28	76	22	0
	62462	HURGHADA	340	9		00	0	0	—	7.7	27	74	22	0
	62465	QUSEIR	360	9	15	02	0	0	—	7.1	27	59	20	0
	62641	PORT SUDAN	10	10	30	03	0	1	Cu	5.9	33	53	22	
NORTH SUDAN	62600	WÂDI HALFA	320	5	30	03	1	4	Ci	7.7	35	13	3	
	62640	ABU HAMAD	310	2	30	00	1	0	—	4.2	40	6	-5	
	62660	KAREIMA												
	62680	'ATBARA	310	2	30	00	0	0	—	3.2	41	11	5	
	62721	KHARTÛM	300	10	30	02	0	1	Ci	4.1	40	14	8	
	62730	KASSALA	240	2	30	00	0	1	Cu	3.6	38	33	19	
CENTRAL SUDAN	62751	WÂD MEDANI	230	5	35	02	1	6	Ac	4.6	38	15	7	
	62801	RENK	230	5	50	02	1	6	Sc	7.4	32	56	22	
	62802	ROSEIRES	200	2	35	00	3	0	—	7.5	29	66	22	
	62771	EL OBEID	00	0	30	03	1	6	Ac	6.8	34	16	5	
	62760	EL FÂSHER	130	4	30	00	1	1	Ci		35	18	7	
	62770	GENEINA	80	4	30	01	1	6	Cu		32	28	11	
S. SUDAN	62840	MALAKÂL												
	62880	WÂU												
	62941	JUBA												

At 1800 on Satur 17th

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	320	3	7	03	0	4	Ac	14.4	25	70	19	0
62303	40	3	35	02	2	8	Cu,Sc	15.1	23	94	23	0
62306	30	3	13	01	2	1	Cu	14.4	23	84	20	0
62309	360	1	7	01	1	2	Cu		24	74	19	0
	360	5		02	1	6	Sc,Cu	14.0	23	74	18	0
62318	20	10	12	02	1	3	Sc	14.2	22	83	19	0
62330	320	2		02	0	0	—	13.6	24	74	19	0
62333	360	11	14	02	0	0	—	13.7	24	79	20	0
62336	320	2	15	03	0	2	Cu	12.4	25	74	20	0
62339	270	5	15	02	0	0	—	15.0	23	84	20	0
62342	20	5		00	0	0	—	14.8	23	74	18	0
62348	310	2	35	02	0	0	—	14.8	23	65	16	0
62354	40	2	35	00	0	0	—	13.8	23	89	21	0
62441	40	2	35	02	0	0	—	13.5	24	74	19	0
62366												
62372	40	12	13	00	0	0	—	12.1	26	70	20	0
	360	8	15	00	0	0	—	13.4	25	74	20	0
	360	8	15	00	0	0	—	13.0	26	69	20	0
62378	360	10	15	00	0	0	—	12.6	27	52	16	0
62381	360	2	35	02	0	0	—	11.6	28	45	15	0
62387	20	5	10	00	0	0	—	11.3	24	54	14	0
62393												
62399	00	0		00	0	0	—	7.5	28	40	13	0
62402	270	5	7	00	0	0	—	7.5	30	35	13	0
62405	00	0	12	00	0	0	—	7.3	30	33	12	0
62414	00	0	50	00	0	0	—	7.4	33	24	10	0
62417	00	0	35	00	0	0	—	13.1	32	49	20	0
62420	360	4	15	02	0	0	—	13.1	28	45	15	0
62423												
62432	320	10	35	00	0	0	—	11.7	30	25	8	0
62435	00	0	15	00	0	0	—	9.4	28	40	13	0
62450	00	0	35	02	0	0	—	13.1	26?	48	14	0
62459	310	4	15	00	0	0	—	7.9	2??	62	20	0
62462	310	11		00	0	0	—	7.4	26?	55	17	0
62465	360	5	15	02	0	0	—	8.0	27	42	13	0
62641	360	5	15	02	0	0	—					
62600												
62640												
62660												
62680												
62721												
62730												
62751												
62801												
62802												
62771												
62760												
62770												
62840												
62880												
62941												

At 0600 on Sunday 18th September,

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.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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.
62300	220	6	7	11	0	3	Ac	14.8		23	27		18		84	20	0		
62303	230	3	35	02	2	8	Cu,Sc	15.2		24	26		19		84	21	0	278	
62306	220	2	13	02	2	7	Sc	14.7		23	27		17		78	19	0		
62309	360	1	35	02	1	6	Ca			24	29		20		74	19	0		
	20	8	15	03	2	4	Sc,Cu	15.0	+1.0	25	27	-3	22	0	70	19	0	267	187
62318	110	6	18	02	2	4	Sc	14.7		25	28		20		70	19	0	265	138
62330	340	2	3	03	1	5	Sc	14.7	+1.6	24	27		20		74	19	0	320	166
62333	60	2	18	03	1	7	Sc	14.5		25	27		23		70	19	0	72	
62336	00	0	35	03	1	6	Cu	14.0	+0.9	25	29	-1	18	-1	70	19	0		94
62339	40	9	7	01	1	7	Ac	14.8	+1.0	23	31	0	20	+1	84	20	0	103	101
62342	40	5	35	03	1	6	Ac	15.1	+1.6	24	32	-1	20	+1	41	10	0	49	55
62348	360	2	35	03	2	6	Cu	15.6	+1.8	23	32	-1	15	-3	74	18	0	34	44
62354	40	2	15	03	0	5	Ac	14.6	+0.7	25	33	0	19	+2	74	20	0	21	27
62441	20	2	35	01	1	5	Ac	14.2		25	32		20		70	19	0	14	
62366	60	10	12	03	1	4	Sc	14.6		22			20		78	18	0		
62372	40	8	13	01	1	4	Sc	14.0		23	32		20		84	20	0		
	20	4	15	00	0	4	Sc	14.4	+0.9	24	32	0	20	0	79	20	0	8	26
	20	4	15	00	0	4	Sc	14.4	+0.9	24	31	-1	19	+2	74	20	0	16	27
62378	20	12	15	00	0	1	Cu	13.4	+0.4	23	33	+1	20	0	74	18	0	16	29
62381	360	5	35	02	0	0	—	13.8	+0.2	24	33	-1	20	+1	74	19	0	8	8
62387	10	11	10	00	0	0	—	12.5		23	34		20		74	18	0	5	
62393	300	4	30	00	0	0	—	12.2		24			24		65	17	0	dr.	
62399	290	3		00	0	0	—	10.8	-0.1	29	36		21		46	16	0	0	
62402	270	5	35	00	0	0	—	10.4	-0.3	26	39	+1	21	-1	55	16	0	dr.	
62405	230	3	30	00	0	0	—	9.7		29	38		19		35	12	0	dr.	
62414	00	0	50	00	0	0	—	9.6	-0.4	28	38	-1	22	-2	45	15	0	2	
62417	140	5	35	00	0	0	—	15.4	0.0	24	39	-4	18	0	61	16	0	1	8
62420	360	4	35	02	0	0	—	14.3	-0.1	21	35	+1	17	-1	83	18	0	dr.	7
62423																		dr.	
62432	320	6	35	00	0	0	—	10.6	-2.1	25	37	+1	23	+2	54	15	0	dr.	
62435	360	6	35	00	0	0	—	9.1	-2.6	28			23	+2	45	15	0	0	
62450	360	3	50	00	0	0	—	13.8	+1.5	25	35	+2	21	0	61	17	0	12	17
62459	310	9	35	00	0	0	—	9.1	-0.8	25	30	-1	23	+1	74	20	0	dr.	13
62462	310	12		00	0	0	—	8.7		26	28		22		58	17	0	7	
62465	360	9	15	00	0	2	Ci	8.8	-1.2	28	30	-2	24	-2	45	15	0	0	4
62641	40	1	50	03	0	1	Ac	8.1		33	35		26		56	23	0	61	106
62600	00	0	30	03	0	2	Ci	9.8		25	36		17		32	7	0	27	
62640	310	1	30	02	1	3	Ci	8.5		27	41		23		17	0	0		
62660	340	3	30	00	0	0	—	9.5		26	39		22		21	2	0	89	27
62680	340	2	30	02	0	1	Ac	8.0		29	42		24		20	4	0	46	68
62721	290	3	30	03	1	5	Ci	9.7		29	40		22		20	4	0	49	157
62730	180	5	30	00	1	0	—	8.9		28	39		23		58	19	0	345	308
62751	200	5	50	01	1	4	Cc	12.0		25	39		20		70	19	0	239	378
62801	220	6	50	01	1	6	Sc	12.0		24	33		20		74	19	0		487
62802	180	2	35	01	1	4	Ac	11.8		24	29		21		84	21	0	560	782
62771	260	6	30	03	0	5	Ci	10.9		28	35		20		37	12	0	297	346
62760	00	0	30	00	0	0	—			24	35		17		34	7	0	177	305
62770	70	2	30	01	1	6	Ac			21	34		15		65	14	0		549
62840	00	0	30	03	2	8	Sc,Ac	13.1		23	32		20		94	22	48	1085	783
62880	00	0	30	02	6	8	Sc,Ac	13.4		23	33		21		78	19	26	1202	1041
62941	180	2	10	60	6	7	Sc,Ac	14.0		28	31		19		58	19	23	746	921

INDEX NUMBER	STATION
62300	SALUM
62303	SÎDI BARÂNI
62306	MATRÛH
62309	EL DABA
	ALEXANDRIA
62318	FOUAD (Airport)
62330	DAMIETTA
62333	PORT SA'ÎD
62336	EL 'ARISH
62339	DAMANHÛR
62342	MANSÛRA
62348	TANTA
62354	ZAGAZIG
62441	ISMA'ÎLIA
62366	FAROUK (Airport)
62372	ALMÂZA
	EZBEKÎYA
	GÎZA
62378	HELWÂN
62381	FAIYÛM
62387	MINYA
62393	ASYÛT MANQABAD
62399	NAG' HAMMÂDI
62402	QENA
62405	LUXOR
62414	ASWÂN
62417	SÎWA
62420	BAHARÎYA
62423	FARAFRA
62432	DAKHLA
62435	KHARGA
62450	SUEZ
62459	TÛR
62462	HURGHADA
62465	QUSEIR
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

HUMIDITY % Mean of day

STATION	0h	Diff. from normal
Alexandria	76	+9
Ezbekiya	69	+5
Giza	68	+1
Helwân	50	-4

GÎZA GRASS MINIMUM TEMP. ON 18th 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 15th At 17h AIRPORT

PRESSURE mbs.	HEIGHT ABOVE M.S.L. metres	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	106	30	40	350	12
950					
900					
850	1534	22	24	10	9
800					
700	3177	11	28	360	12
600					
500	5904	-5		290	6
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 17th

HEIGHT m.	Matruh TIME 15 DIR.	Matruh VEL.	Fouad A.P. TIME 15 DIR.	Fouad A.P. VEL.	Port Said TIME 15 DIR.	Port Said VEL.	Hurghada TIME 15 DIR.	Hurghada VEL.
300	10	4	350	20	10	15	340	22
600	320	16	350	16	340	12	330	22
1000	360	23	350	7	330	9	310	13
1500	310	27	10	6	120	3	230	13
2000	340	23			20	13	20	14
3000					360	12		
4000								
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 18th

HEIGHT m.	SÎDI BARÂNI TIME 9 DIR.	SÎDI BARÂNI VEL.	MATRÛH TIME 4 DIR.	MATRÛH VEL.	BOUAD AIRPORT TIME 4 DIR.	BOUAD AIRPORT VEL.	PORT SAÎD TIME 3 DIR.	PORT SAÎD VEL.	EL 'ARÎSH DIR.	EL 'ARÎSH VEL.	HELWÂN TIME 9 DIR.	HELWÂN VEL.	MINYA TIME 3 DIR.	MINYA VEL.	ASYÛT MANQABAD TIME 9 DIR.	ASYÛT MANQABAD VEL.	LUXOR DIR.	LUXOR VEL.	ASWÂN TIME 5 DIR.	ASWÂN VEL.	HURGHADA TIME 9 DIR.	HURGHADA VEL.	DIR.	VEL.
300	200	5	300	3	40	4	20	7			10	12	360	22	340	11			360	5	340	28		
600	240	12	340	6	10	5	40	5			40	14	20	28	350	11			150	7	310	24		
1000	260	17	350	8	360	16					40	25	20	25	10	14			60	9	340	12		
1500											20	25	20	26	30	13			40	16	40	22		
2000											30	28			40	10			20	6	100	5		
3000															20	11					100	9		
4000															50	6								
5000															200	10								
6000																								
7000																								
8000																								

HEIGHT m.	SÎWA TIME 9 DIR.	SÎWA VEL.	BAHARÎYA TIME 9 DIR.	BAHARÎYA VEL.	DAKHLA TIME 9 DIR.	DAKHLA VEL.	KHARGA TIME 7 DIR.	KHARGA VEL.	WÂDI HALFA TIME 4 DIR.	WÂDI HALFA VEL.	ABÛ HAMAD DIR.	ABÛ HAMAD VEL.	KAREIMA DIR.	KAREIMA VEL.	KHARTÛM DIR.	KHARTÛM VEL.	KASSALA TIME 3 45 DIR.	KASSALA VEL.	EL OBEID TIME 3 45 DIR.	EL OBEID VEL.	EL FÂSHER TIME 4 15 DIR.	EL FÂSHER VEL.	MALAKÂL TIME 4 DIR.	MALAKÂL VEL.
300	110	5	340	32	360	14	10	16	10	9														
600	90	7	360	37	20	13	10	25	30	14							180	9					200	3
1000	260	7	10		30	20	20	33	10	7							180	9	350	12	10	7	170	6
1500	290	11	20	23					10	12							230	7	10	13	80	8	90	1
2000	300	14																						
3000	300	14															350	8	40	10	30	4	130	1
4000	300	16																						
5000																								
6000																								
7000																								
8000																								

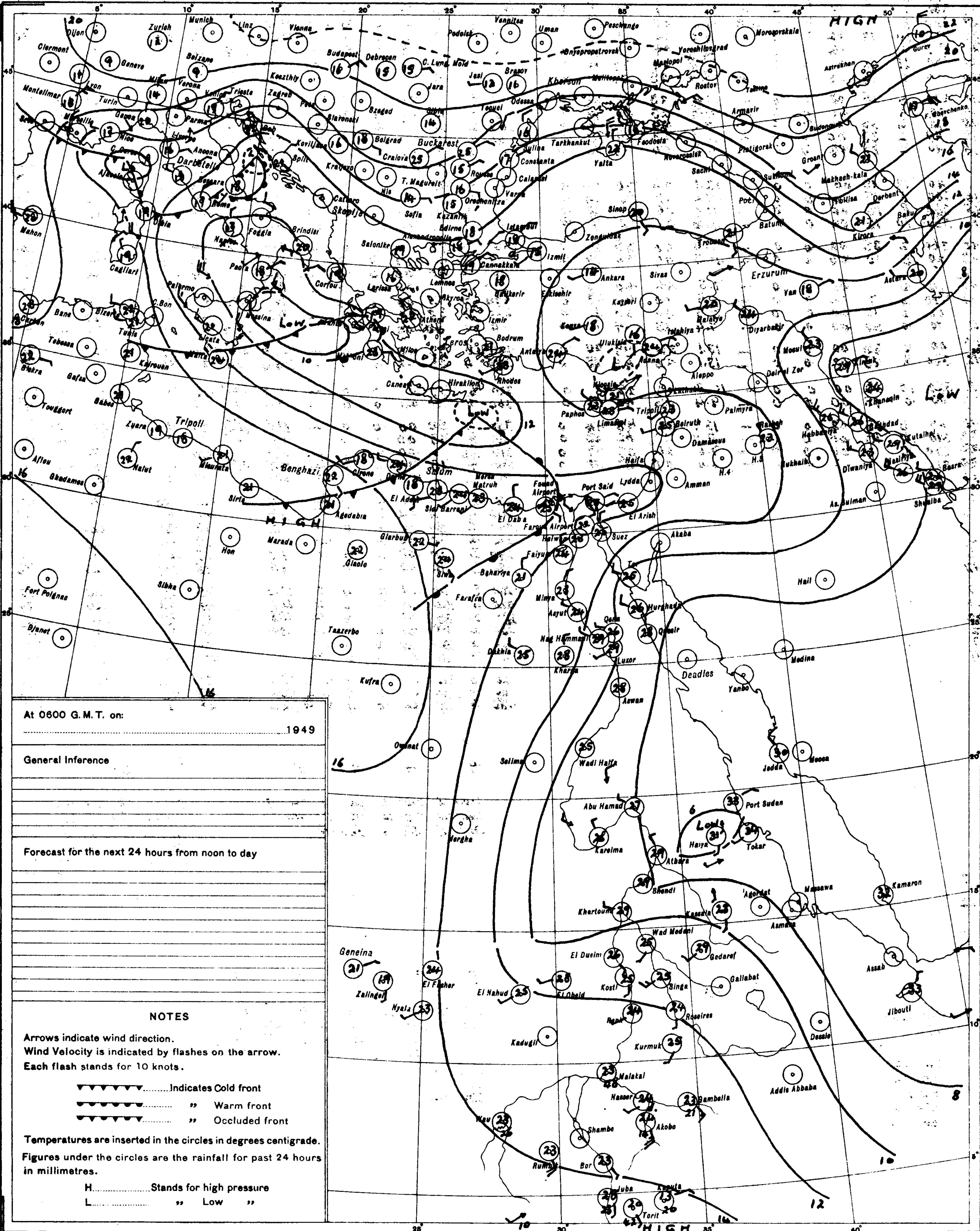
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 *SUN. 18 - 9 -* 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	S
,, or sand raised by wind	07	$
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	=
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, hail	27	
Fog	28	≡]
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	▽
,, ,, hail	87	
Rain } Thunderstorm during the past hour	91	
Hail } Thunderstorm during the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

Cloudless		—	○
Cirrus	Ci	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 41 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 : Monday 19th September , 1949

At 1200 on Sunday 18th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C	HUMIDITY %	DEW POINT °C
MEDITERRANEAN	62300	SALUM	40	8	7	01	0	9	-	14.2	28	62	20
	62309	SIDI BARANI											
	62306	MATRUH	20	4	30	00	0	0	-	14.1	26		
	62305	EL DABA	20	5	35	00	0	0	-	13.8	26	62	18
		ALEXANDRIA	360	15	35	00	0	0	-	13.8	25	70	19
	62318	FOUAD (Airport)	360	16	18	01	0	1	Sc	14.9	27	66	20
	62330	DAMIETTA	320	3	15	01	0	0	-	13.3	26	70	20
	62336	PORT SAID	10	9	30	01	0	0	-	13.3	28	62	20
	62336	EL 'ARISH	320	5	35	01	0	0	-	13.4	27	62	19
LOWER EGYPT	62338	DAMANHUR	40	9	15	02	0	0	-	14.6	29	66	22
	62342	MANSURA	360	5	35	00	1	0	-	13.0	31	52	20
	62348	TANTA	310	5	35	02	1	0	-	12.9	31	52	20
	62354	ZAGAZIG	320	5	35	00	1	0	-	12.0	31	59	22
	62441	ISMAILIA	20	2	35	02	0	0	-	11.9	32	36	16
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMAZA	30	10	30	00	0	0	-	11.3	31	24	8
		EZBEKIYA	20	5	35	00	0	0	-	11.5	32	46	19
		GIZA	20	5	35	00	0	0	-	11.9	31	38	15
	62378	HELWAN	360	11	15	02	0	0	-	10.8	34	27	12
UPPER EGYPT	62381	FAIYUM	20	5	35	02	0	0	-	10.4	33	34	15
	62387	MINYA	10	15	12	00	0	0	-	9.8	34	30	14
	62395	ASYUT MANQABAD	340	15	30	00	0	0	-	8.0	37	25	14
	62399	NAG' HAMMADI	290	2	7	00	0	0	-	7.1	34	36	17
	62402	QENA	270	5	7	00	0	0	-	6.6	38	24	14
	62405	LUXOR											
	62414	ASWAN	290	1	50	00	0	0	-	6.4	38	22	13
OASES	62417	SIWA	00	0	35	00	0	0	-	14.8	36	42	21
	62420	BAHARIYA	360	4	35	02	0	0	-	11.1	37	27	15
	62423	FARAFRA											
	62432	DAKHLA	360	11	50	00	0	0	-	8.2	35	23	11
	62435	KHARGA	360	1	35	00	0	0	-	8.0	37	27	15
RED SEA	62450	SUEZ	360	7	50	02	0	0	-	11.1	33	34	15
	62459	TOR	310	12	35	00	0	0	-	8.4	28	70	22
	62462	HURGHADA	350	6		00	0	0	-	8.0	28	79	24
	62465	QUSEIR	360	9	15	02	0	2	Cu	8.0	29	59	20
	62641	PORT SUDAN	360	3	30	03	0	3	Cu,Cb	5.5	34	53	23
NORTH SUDAN	62600	WADI HALFA	340	2	30	02	0	1	Ci	6.3	37	13	4
	62640	ABU HAMAD	310	1	30	01	0	1	Ci	3.9	42	6	-5
	62660	KAREIMA	290	3	30	00	0	0	-	5.3	38	11	2
	62680	'ATBARA	10	5	30	01	1	3	Ci	2.9	41	10	4
	62721	KHARTUM	280	7	30	03	1	3	Ci	3.9	39	10	2
	62780	KASSALA	180	9	30	03	0	5	Ci,Cs	3.5	38	29	17
CENTRAL SUDAN	62751	WAD MEDANI	270	2	35	02	1	7	Ci	5.3	37	20	11
	62801	RENK											
	62802	ROSEIRES	230	2	35	02	0	0	-		34	47	21
	62771	EL OBEID	140	1	30	02	1	3	Ci	6.3	35	13	3
	62760	EL FASHER											
	62770	GENEINA	20	2	30	01	1	3	Ci		34	12	1
S. SUDAN	62840	MALAKAL	230	1	30	01	1	5	Cu,Ac		29	78	23
	62880	WAU	00	0	30	80	8	7	Cb		29	62	21
	62941	JUBA	50	5	30	02	6	7	Cb				17

At 1800 on Sunday 18th

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms
62300	SALUM	40	4	7	03	0	4	Ac	13.5	25	74	20	0
62309	SIDI BARANI												
62306	MATRUH	90	6	12	00	0	0	-	14.3	23	84	20	0
62305	EL DABA	360	1	15	01	0	1	Cu		23	74	18	0
	ALEXANDRIA	20	8		01	1	3	Sc,Ac	15.0	23	84	20	0
62318	FOUAD (Airport)	20	6	12	03	0	2	Sc	14.6	22	83	19	0
62330	DAMIETTA	320	2		02	1	0	-	14.0	23	84	20	0
62336	PORT SAID	10	11	14	01	1	1	Sc	14.2	24	74	19	0
62336	EL 'ARISH	360	13	15	03	0	1	Cu	13.4	26	70	20	0
62338	DAMANHUR	40	5	15	02	0	0	-	14.7	23	84	20	0
62342	MANSURA	20	8		00	0	0	-	15.1	23	74	18	0
62348	TANTA	00	0	35	02	0	0	-	15.2	23	74	18	0
62354	ZAGAZIG	40	2	35	00	0	0	-	14.3	23	84	20	0
62441	ISMAILIA	20	2	35	02	0	0	-	13.9	24	74	19	0
62366	FAROUK (Airport)												
62372	ALMAZA												
	EZBEKIYA	360	5	15	00	0	0	-	14.2	25	74	20	0
	GIZA	360	5	15	00	0	0	-	14.4	25	69	19	0
62378	HELWAN	20	11	15	01	0	0	-	13.5	25	61	17	0
62381	FAIYUM	360	2	35	02	0	0	-	11.6	28	58	19	0
62387	MINYA	10	10	10	00	0	0	-	11.1	27	52	16	0
62395	ASYUT MANQABAD												
62399	NAG' HAMMADI	00	0		00	0	0	-	6.4	26	55	16	0
62402	QENA	270	5	7	00	0	0	-	6.7	34	35	13	0
62405	LUXOR	00	0	12	00	0	0	-	6.4	32	28	11	0
62414	ASWAN	00	0	50	00	0	0	-	6.6	35	19	8	0
62417	SIWA	00	0	35	00	0	0	-	14.0	27	55	17	0
62420	BAHARIYA	360	4	15	02	0	0	-	12.4	29	52	18	0
62423	FARAFRA												
62432	DAKHLA	00	0	35	00	0	0	-	10.2	32	24	9	0
62435	KHARGA	00	0	15	00	0	0	-	8.0	30	31	11	0
62450	SUEZ	360	9	35	02	0	0	-	12.8	25	70	19	0
62459	TOR	310	3	15	00	0	0	-	8.5	25	74	20	0
62462	HURGHADA												
62465	QUSEIR	360	5	15	02	0	0	-		28	52	17	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 Monday 19th September.

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY	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	STATION
62300	SALUM	270	4	7	01	2	0	-	12.6		24	29		17		74	19	0			SALUM
62309	SIDI BARANI	270	3	50	02	2	8	Cs	13.8		24			18		74	19	0	278		SIDI BARANI
62306	MATRUH											30									MATRUH
62305	EL DABA	180	9	15	00	0	0	-	12.4		22	28		17		83	19	0			EL DABA
	ALEXANDRIA	130	10	15	00	0	0	-	13.8	-0.3	22	27	-3	20	-2	83	19	0	267	187	ALEXANDRIA
62318	FOUAD (Airport)	130	10	14	02	0	0	-	13.3		20	29		19				0	265	138	FOUAD (Airport)
62330	DAMIETTA	160	5	7	03	1	5	Sc,Fc	14.1	+1.0	25	27		19		74	20	0	320	106	DAMIETTA
62336	PORT SAID	90	7	14	01	0	5	Sc	13.9		25	26		22		70	19	0	72		PORT SA'ID
62336	EL 'ARISH			35	02	0	1	Cu	13.8	+0.6	27	28	-1	22	+3	62	19	0		94	EL 'ARISH
62338	DAMANHUR	230	9	15	02	0	0	-	14.0	+0.1	23	31	0	19	0	84	20	0	102	101	DAMANHUR
62342	MANSURA	90	13	35	02	0	2	As	13.9	+0.3	25	32	-1	18	-1	74	20	0	49	55	MANSURA
62348	TANTA	130	5	35	02	1	0	-	13.5	-0.5	22	32	-1	15	-3	83	19	0	34	44	TANTA
62354	ZAGAZIG	40	5	15	00	0	0	-	13.3	-0.7	22	33	0	17	0	84	20	0	21	27	ZAGAZIG
62441	ISMAILIA	90	2	35	01	0	0	-	13.5		25	33		20		70	19	0	14		ISMAILIA
62366	FAROUK (Airport)																				FAROUK (Airport)
62372	ALMAZA	90	7	12	00	0	0	-	12.4	-1.2	26			19		55	16	0			ALMAZA
	EZBEKIYA	20	3	15	00	0	0	-	13.0	-0.6	24	32	0	19	-1	65	17	0	8	26	EZBEKIYA
	GIZA	20	3	15	00	0	0	-	13.5	-0.2	25	32	0	18	+1	68	19	0	16	27	GIZA
62378	HELWAN	40	11	35	00	0	0	-	12.7	-0.7	27	35	+3	19	-1	48	15	0	16	29	HELWAN
62381	FAIYUM	00	0	35	02	0	0	-	12.8	-0.9	25	34	+1	19	0	65	17	0	8	8	FAIYUM
62387	MINYA	20	9	12	00	0	0	-	12.6		22	34		19		83	19	0	5		MINYA
62395	ASYUT MANQABAD	00	0	30	00	0	0	-	11.3		28			22		42	14	0	Dr.		ASYUT MANQABAD
62399	NAG' HAMMADI	360	1		00	0	0	-	9.1	-1.9	27	37		20		62	19	0	0		NAG' HAMMADI
62402	QENA	270	5	35	00	0	0	-	9.0	-1.9	26	39	+1	21	-1	48	14	0	Dr.		QENA
62405	LUXOR											40							Dr.		LUXOR
62414	ASWAN	360	3	50	00	0	0	-	8.6	-1.5	28	40	+1	23	-1	40	13	0	2		ASWAN
62417	SIWA	00	0	35	00	0	0	-	13.6	-1.9	26	38	+3	20	+2	62	18	0	1	8	SIWA
62420	BAHARIYA	360	2	35	02	0	0	-	13.1	-1.3	26	38	+5	19	+1	70	20	0	Dr.	7	BAHARIYA
62423	FARAFRA																		Dr.		FARAFRA
62432	DAKHLA	20	16	7	00	0	0	-	8.4	-4.4	30	38	+2	26	+6	31	11	0	Dr.		DAKHLA
62435	KHARGA	360	14	15	07	0	0	-	9.5	-1.4	28	38	+1	24	+3	45	15	0	0		KHARGA
62450	SUEZ	00	0	50	00	0	0	-	13.5	+1.1	25	34	+1	21	0	61	17	0	12	17	SUEZ
62459	TOR	310	10	35	00	2	0	-			25	30	-1	24	+2	74	20	0	Dr.	13	TOR
62462	HURGHADA																		7		HURGHADA
62465	QUSEIR	360	9	15	02	0	0	-	8.4	-1.7	29	31	-1	24	-1	46	16	0	0	4	QUSEIR
62641	PORT SUDAN	00	0	30	01	1	2	Cs	7.4		33	35		25		50	22	0	61	106	PORT SUDAN
62600	WADI HALFA	00	0	30	03	0	4	Ci	8.9		26	36		18		23	3	0	27		WADI HALFA
62640	ABU HAMAD	00	0	30	01	1	1	Ci	8.3		27	41		23		17	0	0			ABU HAMAD
62660	KAREIMA	00	0	30	02	2	8	Cs	7.9		27	37		23		17	0	0	89	27	KAREIMA
62680	'ATBARA	160	2	30	03	2	7	Cs	7.1		28	42		23		27	7	0	46	68	'ATBARA
62721	KHARTUM	280	5	30	02	1	3	Ci	7.7		29	40		22		25	7	0	49	158	KHARTUM
62780	KASSALA	180	5	30	01	1	3	Ci	9.5		28	29		24		52	17	0	345	310	KASSALA
62751	WAD MEDANI	180	9	50	01	1	4	Cc	9.3		26	38		19		77	22	0	239	379	WAD MEDANI
62801	RENK	230	9	50	02	2	4	Sc	9.5		27	36		22		79	23	0		490	RENK
62802	ROSEIRES	210	2	35	02	0	4	Ac	9.0		24	37		20		84	21	0	560	787	ROSEIRES
62771	EL OBEID	250	9	30	01	0	1	Ci	9.9		25	36		21		70	19	0	297	349	EL OBEID
62760	EL FASHER	00	0	30	03	0	4	Ac			26	37				72	1	0	177	306	EL FASHER
62770	GENEINA	40	4	30	00	0	2	Ac			21	35				47	9	0		551	GENEINA
62840	MALAKAL	180	1	30	03	2	6	Ac	10.9		25	30		21		84	22	0	1085	787	MALAKAL
62880	WAU	90	2	30	02	2	7	Cu,Ac	10.3		24	30		22		84	21	Dr.	1202	1046	WAU
62941	JUBA	200	9	30	02	2	8	Ac,Cs	12.2		23	28		19		84	20	0.1	746	924	JUBA

HUMIDITY % Mean of day

STATION	on 18th	Diff from normal
Alexandria	75	+8
Ezbekiya	70	+6
Giza	69	+2
Helwan	62	+8

GIZA GRASS MINIMUM TEMP. ON 17th 11.8 °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				
							18th	15h	Farouk											
PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	TEMP. °C	HUMID. %	WIND DIR.	WIND VEL.	PRESSURE mbs.	HEIGHT ABOVE M.S.L. metres	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.	PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000						1000	106	31	43	30	13	1000					
950						950						950					
900						900						900					
850						850	1524	19	28	20	18	850					
800						800						800					
700						700	3162	7	27	10	16	700					
600						600						600					
500						500	5855	-6		240	29	500					
400						400						400					
300						300	9656	-30		230	56	300					

UPPER WIND OBSERVATIONS on 18th

STATION	Matruh				Fouad A.p.				Port Said								Farouk							
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.
300	350	10			10	15			20	25							20	17						
600	340	8			350	12			10	21							20	16						
1000	290	10			350	7			10	12							20	15						
1500	290	10			330	9			10	16							20	18						
2000	290	10			320	5			360	8							10	18						
3000																	10	16						
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 19th

STATION	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SAID		EL 'ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA		Almaza	
TIME	9		5		4		9						7 15		9				6				4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	270	2	150	12	120	12	100	16					340	10	10	14			340	7			60	23
600	220	6	170	21	50	13	40	9					40	23	10	12			60	23			20	17
1000	210	11	190	18	70	11	20	21					30	23	360	20			70	13			360	23
1500	240	16	210	16	350	9	360	14					20	17	20	17			30	7			50	17
2000	240	18	220	11	300	19	30	16					350	20	20	24			30	6				
3000					310	23																		
4000																								
5000																								
6000																								
7000																								
8000																								

STATION	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME	9		9		9		7						3		4				4					
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	240	8	70	14	40	33	350	23	340	7														
600	240	9	40	9			350	29	350	10			200	18	20	6								
1000	220	12	40	10			360	30	350	8			200	24	20	6			320	11				
1500	230	21	30	17					10	12			220	16	20	19			20	11				
2000	240	20	20	30																				
3000	250	16													80	8								
4000	260	13																						
5000	260	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.

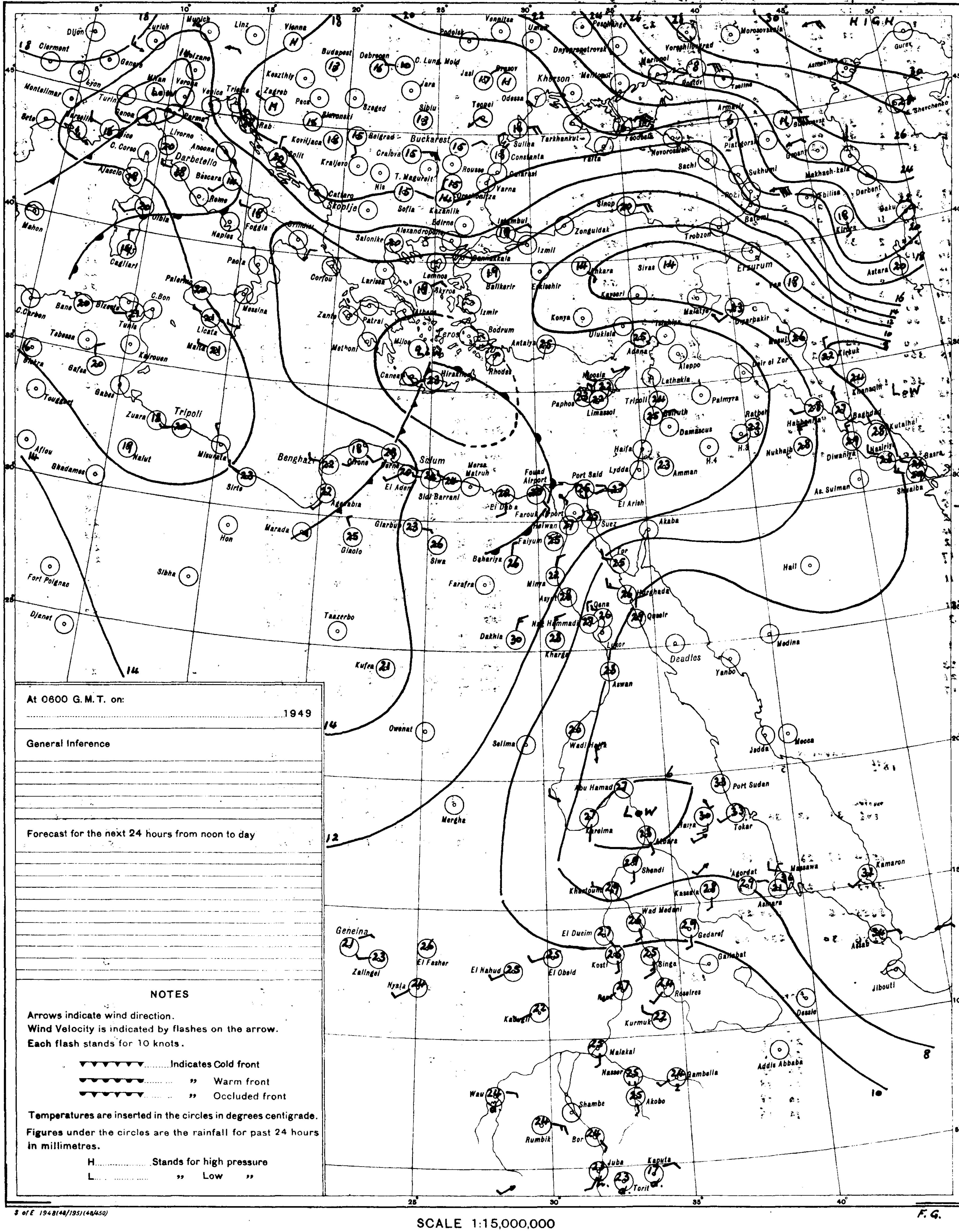
K.M.

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 *Mon. 19 - 9 -* 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	S
„ or sand raised by wind	07	$
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	=
Shallow fog	12	
Lightning, no thunder heard	13	<
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
„ „ hail	27	
Fog	28	≡]
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
„ „ hail	87	
Rain — Thunderstorm during the past hour	91	
Hail — Thunderstorm during the past hour	93	
Thunderstorm with rain	95	
„ „ hail	96	
„ „ Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

Cloudless		—	○
Cirrus	Ci	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

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

SCALE 1:15,000,000

F. G.

CAIRO

Time of Sunrise 03 42 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 : Tuesday 20th September, , 1949

At 1200 on Mon. 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	360	13	7	03	0	4	ac	11.8	26	70	20
	62303	SÎDI BARÂNI	40	9	50	02	2	8	Sc,Cu		25	84	22
	62306	MATRÛH	60	6	18	02	1	4	Cu,ac	12.8	27	62	19
	62309	EL DABA	20	16	35	00	0	0	—	12.4	27	70	21
		ALEXANDRIA	40	15	35	06	0	0	—	13.0	26	74	20
	62318	FOUAD (Airport)	20	16	18	02	0	0	—	12.6	28	70	22
	62330	DAMIETTA	20	2	15	01	0	1	Cu	13.0	26	74	21
	62333	PORT SAÏD	30	10	30	02	0	0	—	12.4	28	62	20
	62336	EL 'ARISH	360	9	35	01	0	0	—	13.1	26	70	20
LOWER EGYPT	62339	DAMANHUR	90	13	15	02	0	0	—	12.7	30	62	22
	62342	MANSURA	20	13	35	00	1	0	—	12.0	32	43	18
	62345	TANTA	310	5	35	02	0	0	—	13.3	33	44	19
	62354	ZAGAZIG	40	9	35	00	0	0	—	11.4	33	38	17
	62441	ISMAÏLIA	40	3	35	02	0	0	—	11.0	34	27	12
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMAZA	40	14	30	00	0	0	—	10.5	34	32	15
		EZBEKIYA	20	4	35	00	0	0	—	10.4	34	39	18
		GÎZA	20	4	35	00	0	0	—	10.2	34	36	17
	62378	HELWÂN											
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0	—	9.5	36	20	10
	62387	MINYA	10	14	12	00	0	0	—	9.1	36	20	10
	62393	ASYÛT MANGABAD	360	7	30	00	0	0	—	7.5	39	15	8
	62399	NAG' HAMMADI	270	1		00	0	0	—	6.6	36	29	15
	62402	QENA	270	2	50	00	0	0	—	6.4	37	22	12
	62405	LUXOR											
	62414	ASWÂN	270	4	50	00	0	0	—	5.5	39	17	10
OASES	62417	SÎWA	320	5	35	00	0	0	—	13.5	36	47	23
	62420	BAHARÎYA	360	4	35	02	0	0	—	11.1	36	25	13
	62423	FARAFRA											
	62432	DAKHLA			50	00	0	0	—		37	18	9
	62435	KHARGA	360	6	50	02	0	0	—	9.5	35	14	4
RED SEA	62450	SUEZ											
	62459	TÛR	310	12	35	00	0	0	—	6.6	29	66	22
	62462	HURGHÂDA	360	10		00	0	0	—	6.5	27	79	23
	62465	QUSEIR	20	13	15	02	0	0	—	6.9	30	55	20
	62641	PORT SUDÂN	10	14	50	02	0	1	Cu	4.1	36	42	21
NORTH SUDAN	62600	WÂDI HALFA	360	1	30	01	0	1	Ci	5.0	39	16	9
	62640	ABU HAMAD	180	2	30	03	0	2	ac	2.7	41	7	-2
	62660	KAREIMA	320	3	30	00	2	0	—	3.7	40	10	2
	62680	'ATBARA	20	5	30	03	2	1	Ci	2.3	41	6	-3
	62721	KHARTÛM	280	3	30	01	1	1	Ci	2.4	40	11	4
	62730	KASSALA	00	0	30	00	1	0	—	1.9	37?		
CENTRAL SUDAN	62751	WÂD MEDANI	360	5	35	02	1	7	Ci	4.1	37	25	14
	62801	RENK	230	13	35	00	0	0	—	4.5	36	40	20
	62802	ROSEIRES	200	2	35	00	0	0	—	5.5	33	20	20
	62771	EL OBEID	70	2	30	03	1	5	ac	4.3	35	18	7
	62760	EL FASHER	00	0	30	01	0	3	ac,Ci		36	25	13
	62770	GENEINA	40	6	30	01	0	3	ac		34	13	2
S. SUDAN	62840	MALAKÂL											
	62880	WAU	160	5	30	03	2	4	Cu,ac	6.7	32	52	21
	62941	JUBA											

At 1800 on Mon. 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	SALÛM	40	4	7	03	0	4	ac	12.2	25	70	19	0
62303	SÎDI BARÂNI	70	4	35	01	1	0	—		23	89	21	0
62306	MATRÛH												
62309	EL DABA	110	6	7	00	0	0	—		23	89	21	0
	ALEXANDRIA	90	10		00	0	0	—	13.6	23	84	20	0
62318	FOUAD (Airport)	60	10	12	02	0	0	—	12.9	23	89	21	0
62330	DAMIETTA	360	2		00	0	0	—	13.9	24	84	21	0
62333	PORT SAÏD	40	11	14	02	0	0	—	13.5	24	80	20	0
62336	EL 'ARISH	20	9	15	03	0	1	Cu	13.1	25	74	20	0
62339	DAMANHUR	40	9	15	02	0	0	—	13.9	23	84	20	0
62342	MANSURA	40	5		00	0	0	—	14.2	23	84	20	0
62345	TANTA	310	5	35	02	0	0	—	13.9	24	74	19	0
62354	ZAGAZIG	40	5	35	00	0	0	—	13.0	24	74	19	0
62441	ISMAÏLIA	40	5	35	02	0	0	—	13.1	24	74	19	0
62366	FAROUK (Airport)												
62372	ALMAZA												
	EZBEKIYA	20	4	15	00	0	0	—	13.0	26	66	19	0
	GÎZA	20	4	15	00	0	0	—	12.5	26	63	18	0
62378	HELWÂN	20	19	15	02	0	0	—	12.3	26	62	18	0
62381	FAIYÛM	360	2	35	02	0	0	—	10.7	28	52	17	0
62387	MINYA	10	8	10	00	0	0	—	10.3	26	45	13	0
62393	ASYÛT MANGABAD												
62399	NAG' HAMMADI	00	0		00	0	0	—	7.2	25	61	17	0
62402	QENA	240	5	7	00	0	0	—	6.4	34	18	6	0
62405	LUXOR	00	0	12	00	0	0	—	6.7	31	28	10	0
62414	ASWÂN	00	0	50	00	0	0	—	6.3	37	16	7	0
62417	SÎWA	00	0	35	00	0	0	—	13.1	30	59	21	0
62420	BAHARÎYA	360	4	15	02	0	0	—	11.6	31	31	12	0
62423	FARAFRA												
62432	DAKHLA	00	0	35	00	0	0	—	8.8	33	24	10	0
62435	KHARGA	360	6	15	00	0	0	—	7.6	31	38	15	0
62450	SUEZ	360	5	35	02	0	0	—	12.0	28	45	15	0
62459	TÛR	310	6	15	00	0	0	—	6.8	28	70	22	0
62462	HURGHÂDA	310	13		00	0	0	—	6.3	26	58	19	0
62465	QUSEIR	360	5	15	02	0	0	—	6.7	28	52	17	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 FASHER												
62770	GENEINA												
62840	MALAKÂL												
62880	WAU												
62941	JUBA												

At 0600 on Tuesday 20th September,

INDEX NUMBER	STATION	WIND 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	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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	SALÛM	340	5	7	01	0	2	ac	12.8		25	31		19		70	19	0			SALUM
62303	SÎDI BARÂNI	20	4	50	03	2	8	Cu,Cs	13.9		25	29		20		84	22	0	278		SÎDI BARÂNI
62306	MATRÛH	50	4	14	03	1	8	Sc	13.8		25			20		84	22	0			MATRÛH
62309	EL DABA	70	9	15	02	1	3	Cu	9.5		25	30		18		79	21	0			EL DABA
	ALEXANDRIA	40	5	7	03	1	7	Sc,Cu	13.6	-0.6	23	26	-4	20	-2	84	20	0	267	187	ALEXANDRIA
62318	FOUAD (Airport)	90	7	12	02	2	7	Sc	13.0		23	32?		19		89	21	0	265	138	FOUAD (Airport)
62330	DAMIETTA	20	2		03	0	1	Cu	14.3	+1.0	25	27		21		84	22	0	320	106	DAMIETTA
62333	PORT SAÏD	50	5	12	02	0	0	—	12.2		26	28		23		79	22	0	72		PORT SAÏD
62336	EL 'ARISH	00	0	35	03	2	6		13.1	-0.2	24	28	-1	18	-1	74	19	0		94	EL 'ARISH
62339	DAMANHUR	130	5		10	4	6	St	13.3	-0.7	23	32	+1	18	-1	84	20	0	102	101	DAMANHÛR
62342	MANSURA	40	5	35	00	0	0	—	12.7	-1.0	25	33	0	19	0	84	22	0	49	55	MANSURA
62345	TANTA	90	2	35	02	0	0	—	12.[illegible]	-1.9	23	34	+1	16	-2	89	21	0	34	44	TANTA
62354	ZAGAZIG	40	5	45	00	0	0	—	11.9	-2.2	24	34	+1	19	+2	84	21	0	21	27	ZAGAZIG
62441	ISMAÏLIA	340	2	35	02	0	0	—	12.0		24	34		20		74	19	0	14		ISMAÏLIA
62366	FAROUK (Airport)																				FAROUK (Airport)
62372	ALMAZA	10	5	13	00	0	0	—	11.6		24			20		65	17	0			ALMAZA
	EZBEKIYA	20	3	15	00	0	0	—	11.9	-1.8	24	35	+3	20	0	69	18	0	8	26	EZBEKIYA
	GÎZA	20	3	15	00	0	0	—	11.4	-2.4	24	35	+4	18	+1	74	19	0	16	27	GÎZA
62378	HELWÂN	00	0	7	05	0	0	—	11.2	-2.4	23	36	+4	21	+1	65	16	0	16	29	HELWÂN
62381	FAIYÛM	00	0	35	02	0	0	—	11.8	-2.0	25	36	+3	19	0	61	17	0	8	8	FAIYÛM
62387	MINYA	00	0	10	00	0	0	—	11.2		24	36		16		61	16	0	5		MINYA
62393	ASYÛT MANGABAD	00	0	30	00	0	0	—	10.8		28			20		31	8	0	dr.		ASYÛT MANGABAD
62399	NAG' HAMMADI	320	1		00	0	0	—	9.8	-1.3	26	39		19		55	16	0	0		NAG' HAMMADI
62402	QENA	270	2	35	00	0	0	—	10.0	-1.0	26	39	+2	22	0	48	14	0	dr.		QENA
62405	LUXOR											40							dr.		LUXOR
62414	ASWÂN	360	12	50	00	0	0	—	8.6	-1.6	30	41	+2	25	+1	35	13	0	2		ASWÂN
62417	SÎWA	320	6	35	00	0	0	—	13.0	+2.6	26	37	+2	20	+2	55	16	0	1	8	SÎWA
62420	BAHARÎYA	00	0	35	02	0	0	—	12.0	-2.5	26	38	+5	20	+2	65	16	0	dr.	7	BAHARÎYA
62423	FARAFRA																		dr.		FARAFRA
62432	DAKHLA	00	0	35	00	0	0	—	10.6	-2.3	28	38	+2	21	+1	40	13	0	dr.		DAKHLA
62435	KHARGA	360	1	35	00	0	0	—	9.9	-2.3	31	39	+3	24	+3	31	12	0	0		KHARGA
62450	SUEZ	00	0	50	00	0	0	—	12.2	-0.3	26	36	+3	20	-1	62	18	0	12	17	SUEZ
62459	TÛR	310	6	35	00	0	0	—	8.3	-1.4	25	31	0	23	+1	74	20	0	dr.	13	TÛR
62462	HURGHÂDA	320	1		00	0	0	—	8.5		26	28		22		62	18	0	7		HURGHADA
62465	QUSEIR	360	5	15	02	0	0	—	9.0	-1.2	29	31	-1	25	0	40	14	0	0	4	QUSEIR
62641	PORT SUDÂN	60	1	50	01	1	1	ac	6.8		36	39		23		33	17	0	61	106	PORT SUDÂN
62600	WÂDI HALFA	360	3	30	00	0	0	—	8.6		27	40		22		28	7	0	27		WÂDI HALFA
62640	ABU HAMAD	310	2	30	02	1	4	ac,Ci	5.4		34	42		25		12	1	0			ABU HAMAD
62660	KAREIMA	340	1	30	02	2	8	ac,Ci	7.6		27	41		24		20	2	0	89	27	KAREIMA
62680	'ATBARA	310		30	02	2	7	ac	6.1		31	41		27		22	7	0	46	68	'ATBARA
62721	KHARTÛM	180	10	30	03	1	7	Ac,Ci	7.8		29	41		27		43	15	0	49	158	KHARTÛM
62730	KASSALA	180	5	30	00	0	0	—	8.6		27	37		23		58	18	0	345	311	KASSALA
62751	WÂD MEDANI	200	9	50	02	1	8	ac	8.0		28	39		24		58	19	0	239	381	WÂD MEDANI
62801	RENK	140	9	50	02	1	6	Sc	7.0		26	37		20		70	20			493	RENK
62802	ROSEIRES	200	2	35	02	0	4	ac	10.3		26	33		20		62	18	0	560	791	ROSEIRES
62771	EL OBEID	250	9	30	02	0	3	ac	8.9		27	36		23		66	20	0	297	351	EL OBEID
62760	EL FASHER	00	0	30	00	0	1	ac			24	37		20		44	11	0	177	306	EL FASHER
62770	GENEINA	00	0	30	00	0	3	Ci			23	36		19		74	18	0		553	GENEINA
62840	MALAKÂL	230	6	30	01	2	3	ac	11.7		27	32		20		79	23	dr.	1085	791	MALAKÂL
62880	WAU	130	6	30	02	2	6	ac,Ci	12.2		23	32		21		84	20	4	1206	1051	WAU
62941	JUBA	180	6	30	21	8	7	Sc,Cu,ac	13.0		23	31		21		84	20	dr.	746	928	JUBA

HUMIDITY

Mean of day

STATION	On 19th	Diff from normal
Alexandria	79	+12
Ezbekiya	58	-6
Giza	61	-6
Helwan	43	-11

GIZA GRASS MINIMUM TEMP. ON 20th 10.2 °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 19th At 15H

PRESSURE mbs	HEIGHT ABOVE M.S.L. Metres	TEMP. °C	HUMID. %	WIND DIR.	WIND VEL.
1000	97	32	28	10	14
950					
900					
850	1526	19	37	10	19
800					
700	3158	7	34	350	17
600					
500	5851	-6		210	34
400					
300	9640	-18		210	62

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	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	Malruh				Foad A.P.				Port Said				Marghada			
TIME	15				15				15				15			
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	60	12			30	15			20	18			340	27		
600	70	10			60	12			20	22			330	11		
1000	320	3			90	5			360	18			340	16		
1500	240	6			320	1			350	17			350	17		
2000					330	12			360	16			350	16		
3000									30	7			310	18		
4000																
5000																
6000																
7000																
8000																

UPPER WIND OBSERVATIONS on 20th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		EL 'ARISH		HELWÂN		MINYA		ASYÛT MANGABAD		LUXOR		ASWÂN		HURGHADA		Almaza
TIME	9		3				3						4		9				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	20	9	90	11			60	9					20	15	300	3			360	18	350	21	90	18
600	10	10	90	12									20	13					20	19	320	19	70	24
1000	20	8	90	10									20	15					30	16	310	21	30	16
1500	20	3											10	12					80	9	280	13	350	9
2000	190	1																	140	13	270	12	330	16
3000																					250	17	300	17
4000																					220		240	3
5000																								
6000																								
7000																								
8000																								

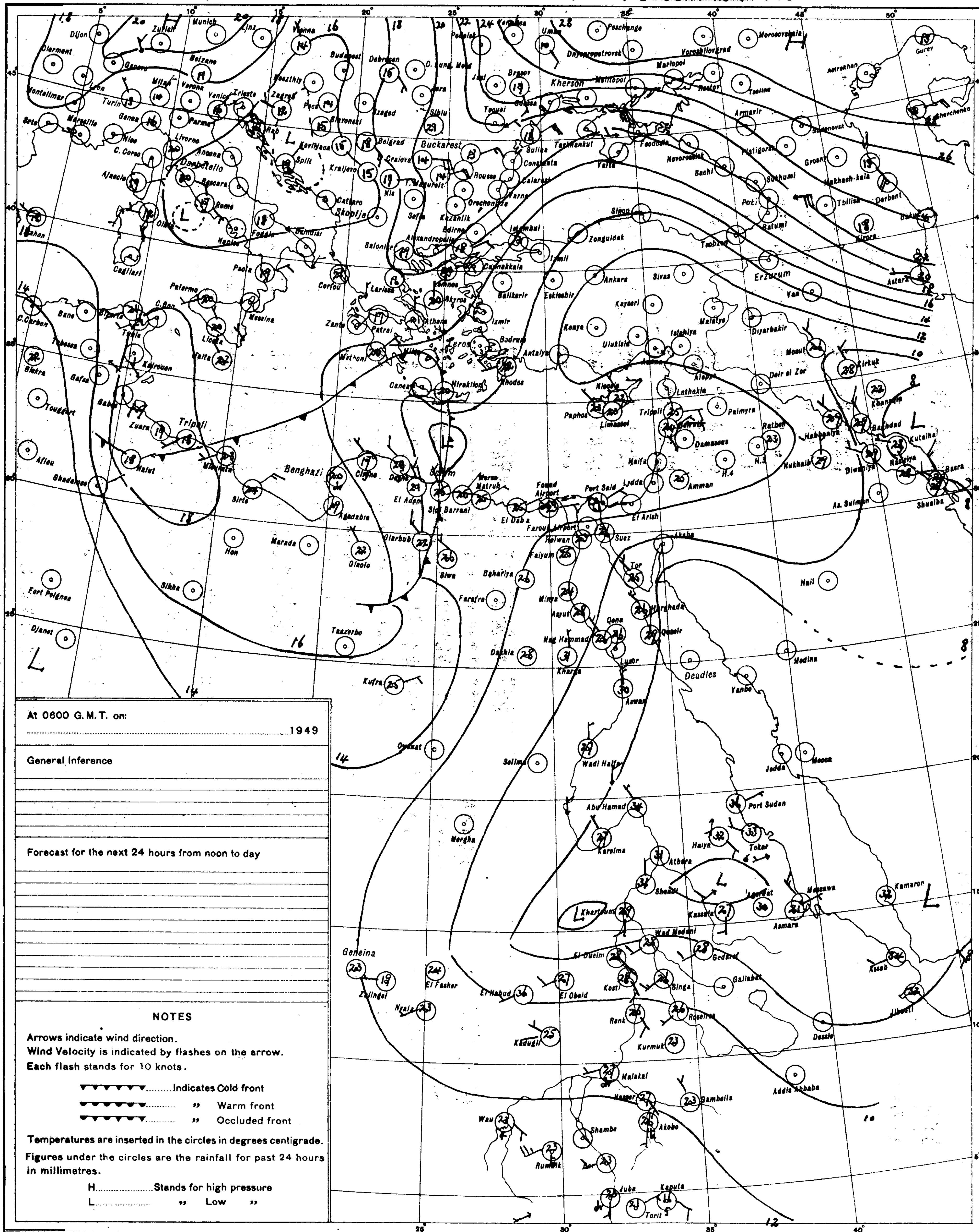
STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABU HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FASHER		MALAKÂL	
TIME	9		9		9		7		4												4 45		4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	310	13	340	10	10	6	20	16	20	17														
600	290	11	330	10	10	8			30	19													200	5
1000	300	4	300	26	10	12			40	19													220	8
1500	250	7	300		10	13			60	19											10	10	200	3
2000	250	19	310																				30	7
3000	230	13							200	7													20	11
4000	280	16																					40	20
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at 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 TUESDAY 20.9.1949



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(48/195)(48/450)

CAIRO

Time of Sunrise 03 42 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 : Wednesday 21 st September, , 1949

At 1200 on Tues. 20th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALÛM	40	13	7	02	0	2	ac	13.4	26	62	18
	62303	SÎDI BARÂNI	20	8	35	01	1	2	Cu	13.5	26	70	20
	62306	MATRÛH	50	11	18	02	2	7	Sc,Fc	13.7	27	66	20
	62309	EL DABA	40	6	35	01	0	2	Cu	12.6	27	70	21
		ALEXANDRIA	40	16	35	00	0	0	—	13.0	26	74	21
	62318	FOUAD (Airport)	20	10	12	02	0	0	—	12.9	29	89	27
	62330	DAMIETTA	20	2	15	02	0	1	Cu	13.3	26	74	21
	62333	PORT SA'ÎD	20	10	30	03	1	2	Sc	12.8	28	66	21
	62336	EL 'ARISH	320	2	35	01	1	1	Cu	12.7	27	70	21
LOWER EGYPT	62339	DAMANHUR	40	9	15	02	0	0	—	13.3	30	59	21
	62342	MANSURA	40	9	35	00	0	0	—	12.7	31	52	20
	62348	TANTA	00	0	35	02	0	0	—	13.0	32	49	20
	62354	ZAGAZIG	20	5	35	00	0	0	—	11.9	32	49	20
	62441	ISMA'ILIA	20	5	35	02	0	0	—	11.4	32	38	16
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMÂZA											
		EZBEKÎYA	20	4	35	00	0	0	—	11.1	34	34	16
		GÎZA	20	4	35	00	0	0	—	11.5	34	32	15
	62378	HELWÂN	20	7	35	02	0	0	—	10.4	35	19	8
UPPER EGYPT	62381	FAIYÛM	360	2	35	02	0	0	—	10.3	36	25	13
	62387	MINYA	10	7	12	00	0	0	—	10.3	37	19	10
	62393	ASYÛT MANQABAD											
	62399	NAG' HAMMÂDI	360	1		00	0	0	—	7.5	36	29	15
	62402	QENA	270	2	50	00	0	0	—	7.5	39	24	15
	62405	LUXOR											
	62414	ASWÂN	340	3	50	00	0	0	—	6.0	39	18	11
OASES	62417	SÎWA	00	0	35	00	0	0	—	13.1	34	56	24
	62420	BAHARÎYA	320	3	35	02	1	3	ac	10.7	37	27	15
	62423	FARAFRA											
	62432	DAKHLA	320	6	50	00	0	0	—		37	11	2
	62435	KHARGA	340	9	15	00	0	0	—	9.0	38	27	11
RED SEA	62450	SUEZ	360	6	50	02	0	0	—	9.9	34	27	12
	62459	TÛR	310	11	35	00	0	0	—	7.1	30	59	21
	62462	HURGHÂDA	30	5		00	0	0	—	7.4	28	70	22
	62465	QUSEIR	40	9	15	02	0	0	—	9.3	29	59	20
	62641	PORT SÛDÂN	360	14	10	00	0	0	—	5.0	34	66	27
NORTH SÛDÂN	62600	WÂDI HALFA	20	11	30	00	0	0	—	5.2	41	15	9
	62640	ABU HAMAD	50	1	30	01	1	5	ac	2.5	42	11	5
	62660	KAREIMA	350	3	30	01	2	8	ci	4.7	43	10	5
	62680	'ATBARA	340	5	30	01	2	5	ac	2.2	41	23	1
	62721	KHARTÛM	50	3	30	02	2	7	Cu,Ac	3.1	39	16	9
	62780	KASSALA	270	2	30	00	0	3	Cu	3.6	38	29	17
CENTRAL SÛDÂN	62751	WÂD MEDANI	230	9	35	02	1	7	Cc	3.1	37	27	15
	62801	RENK	230	9	50	02	1	6	Cc	4.2	35	44	21
	62802	ROSEIRES	200	2	35	00	0	0	—	5.6	32	56	22
	62771	EL OBEID	00	0	30	02	1	6	Cu,Ac	4.4	35	23	11
	62760	EL FÂSHER											
	62770	GENEINA	70	4	30	01	1	4	Cu		34	16	5
S. SÛDÂN	62840	MALAKÂL	90	11							20?	94	20
	62880	WÂU	160	10	30	03	1	4	Cu	7.9	31	55	21
	62941	JUBA											

At 1800 on Tues. 20th

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	30	4	7	03	0	3	ac	14.2	25	61	17	0
62303	40	5	15	01	1	1	Cu	15.5	24	74	19	0
62306	70	7	12	02	2	3	Cu	15.4	23	84	20	0
62309	20	6	7	01	1	2	Cu		24	84	21	0
	40	15		00	0	0	—	14.8	24	74	19	0
62318	40	18	12	02	0	0	—	14.0	22	53	12	0
62330	360	2		01	0	0	—	14.0	24	84	21	0
62333	20	11	18	02	0	0	—	14.1	25	74	20	0
62336	360	5	15	01	0	0	—		25	84	22	0
62339	40	9	15	02	0	0	—	14.3	23	84	20	0
62342	40	6		00	0	0	—	14.6	24	74	19	0
62348	00	0	35	02	0	0	—	13.9	24	69	18	0
62354	40	5	35	00	0	0	—	13.9	24	74	19	0
62441	20	2	35	02	0	0	—	13.8	25	74	20	0
62366												
62372												
	30	11	18	00	0	0	—	13.2	27	70	21	0
	40	2	15	00	0	0	—	13.5	27	52	19	0
	40	2	15	00	0	0	—	13.9	26	62	18	0
62378	40	13	15	02	0	0	—	12.7	27	55	17	0
62381	360	5	35	02	0	0	—	11.5	29	52	18	0
62387	00	0	8	00	0	0	—	10.9	26	51	15	0
62393												
62399	00	0		00	0	0	—	9.0	27	55	17	0
62402	270	2	7	00	0	0	—	7.9	30	35	13	0
62405	270	5	12	00	0	0	—	8.4	32	16	3	0
62414	360	5	50	00	0	0	—	7.2	36	17	7	0
62417	340	6	35	00	0	0	—	14.0	31	52	20	0
62420	360	5	35	02	1	0	—	11.9	30	35	13	0
62423												
62432	320	6	35	00	0	0	—	10.4	31	22	7	0
62435	00	0	15	00	0	0	—	9.6	30	35	13	0
62450	360	8	35	02	0	0	—	13.3	27	62	19	0
62459	20	9	15	00	0	0	—	8.4	28	40	13	0
62462	360	5	15	02	0	0	—	9.1	27	62	19	0
62465												
62641												
62600												
62640												
62660												
62680												
62721												
62780												
62751												
62801												
62802												
62771												
62760												
62770												
62840												
62880												
62941												

At 0600 on Wednesday 21st September.

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.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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.
62300	40	4	7	01	2	5	Cu,Sc	17.2		24	27		21		69	18	0		
62303	40	7	15	03	1	3	Cu	17.6		24	26				69	18	0	278	
62306	40	10	14	02	1	4	Cu	17.0		24	28				74	17	0		
62309	40	2	15	03	2	3	Cu	16.7		25	27		22		70	19	0		
	20	15	35	03	1	4	Sc,Cu	16.7	+2.4	25	27	-3	22	0	70	19	0	267	187
62318	20	10	18	02	1	5	Cu	15.8		25	30		21		70	19	0	265	138
62330	40	2	7	03	0	2	Cu	15.8	+2.3	25	27		21		74	20	0	320	106
62333	40	5	14	01	0	2	Sc	15.0		26	29		24		70	20	0	72	
62336	00	0	35	03	1	0	—	15.4	+2.0	26	27	-2	19	0	70	20	0		94
62339	40	13	7	03	1	2	Cu	15.9	+1.7	24	31	-2	20	+1	84	21	0	102	101
62342	20	5	35	00	0	0	—	16.2	+2.2	25	32	-1	20	+1	74	20	0	49	55
62348	160	5	35	01	1	3	Cu	16.4	+2.2	24	33	+1	16	-1	84	21	0	34	44
62354	140	2	15	00	0	0	—	15.2	+1.0	23	33	+1	19	+2	84	22	0	21	27
62441	40	2	35	01	1	2	ac	15.0		25	33		20		45	12	0	14	
62366																			
62372																			
	40	9	12	00	0	0	—	14.9	+1.1	23	34		19		84	20	0		
	20	4	15	00	0	0	—	15..	+1.7	23	36	+3	20	0	84	20	0	8	26
	20	4	15	00	0	0	—	15.9	+2.0	24	34	+3	18	+1	71	18	0	16	27
62378	360	10	15	00	0	0	—	14.7	+1.0	25	36	+4	22	+2	70	19	0	16	29
62381	360	2	35	02	0	0	—	14.7	+0.8	25	37	+4	20	+1	74	20	0	8	6
62387	10	5	10	00	0	0	—	13.4		24	36		18		65	17	0	5	
62393	00	0	18	00	0	0	—	13.0		28			21		45	15	0	dr.	
62399	00	0		00	0	0	—	11.4	+0.2	27	39		18		62	19	0	0	
62402	320	2	35	00	0	0	—	11.1	0.0	28	41	+4	24	+3	45	15	0	dr.	
62405											40							dr.	
62414	360	5	50	00	0	0	—	10.4	+0.1	29	41	+2	26	+2	46	16	0	2	
62417	320	5	35	00	0	0	—	17.6	+1.9	23	35	0	20	+3	47	11	0	1	8
62420	360	5	35	02	0	0	—	14.2	-0.4	24	38	+5	21	+3	74	19	0	dr.	7
62423																		dr.	
62432	250	6	35	00	0	0	—			27	39	+3	24	+4	33	9	0	dr.	
62435	00	0	35	00	0	0	—	12.2	+0.1	26	39	+3	22	+1	48	14	0	0	
62450	360	3	50	00	0	0	—	15.0	+2.4	25	35	+2	20	-1	61	17	0	12	17
62459	310	6	35	00	0	0	—	10.3	0.0	26	30	-1	23	+1	62	18	0	dr.	13
62462	300	5		00	0	0	—			26	31	-1	20		62	18	0	7	
62465	330	9	15	02	0	0	—	9.4	-0.9	28	.		25	0	58	19	0	0	4
62641	290	1	30	01	0	0	—	8.9		32	36		25		63	24	0	61	106
62600	360	8	30	00	0	0	—	10.3		29	42		23		25	7	0	27	
62640	50	9	30	01	0	2	Ci	6.1		33	44		29		14	2	0		
62660			30	01	2	5	ac	7.2		32	43		28		17	4	0	89	27
62680																	0	46	66
62721	190	10	30	03	2	7	ac,ac	8.9		30	40		27		52	19	0	49	169
62780	180	9	30	02	1	8	Ci				39		23			17	0	345	313
62751	180	9	50	02	8	8	Cu	12.8		23	38		21		84	20	dr.	239	383
62801																			496
62802	110	13	35	02	0	4	ac	8.8		25	34		20		79	21	0	560	793
62771	250	10	30	02	1	6	ac	12.0		24	35		21		65	17	0	297	353
62760	90	3	30	02	0	6	Ci			25			21				0	177	307
62770	200	4	30	00	0	1	ac			21	35				74	16	0		555
62840																	126	1211	795
62880																	2	1208	1056
62941	180	2	30	03	1	8	Sc,ac	14.3		25	30		20		79	21	0	746	931

HUMIDITY % Mean of day

STATION	on 20th	Diff. from normal
Alexandria	79	+12
Ezbekîya	59	- 5
Gîza	63	- 4
Helwân	58	+4

GÎZA GRASS MINIMUM TEMP. ON 21st 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 20th At 15th

PRESSURE mbs.	HEIGHT ABOVE M.S.L. metres	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	97	36	35	10	17
950					
900					
850	1523	18	56	30	5
800					
700	3157	7	39	270	10
600					
500	5839	-8		240	33
400		-16			
300	9651	-29		230	71

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 20th

HEIGHT m.	Matruh DIR.	Matruh VEL.	Port Said DIR.	Port Said VEL.	Hurghada DIR.	Hurghada VEL.
TIME	15		15		15	
300	20	16	10	16	10	14
600	10	16	10	11	310	15
1000	360	10	30	9	340	10
1500	260	9	350	5	350	12
2000	250	10	340	10	310	10
3000			320	3	260	22
4000					220	27
5000						
6000						
7000						
8000						

UPPER WIND OBSERVATIONS on 21st

HEIGHT m.	SÎDI BARÂNI DIR.	SÎDI BARÂNI VEL.	MATRÛH DIR.	MATRÛH VEL.	FOUAD AIRPORT DIR.	FOUAD AIRPORT VEL.	PORT 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		4		3										9				5		9			
300	10	21	10	15	20	13									10	3			10	12	10	22		
600	20	21	20	13	20	17									40	7			20	24	340	23		
1000	20	17	20	15	10	16									30	14			30	20	320	20		
1500	20	17	20	10											10	13			10	13	340	14		
2000	90	4													20	9			80	11	340	10		
3000	20	7													20	14					200	10		
4000															210	21					210	31		
5000																					220	42		
6000																					230	36		
7000																					230	23		
8000																								

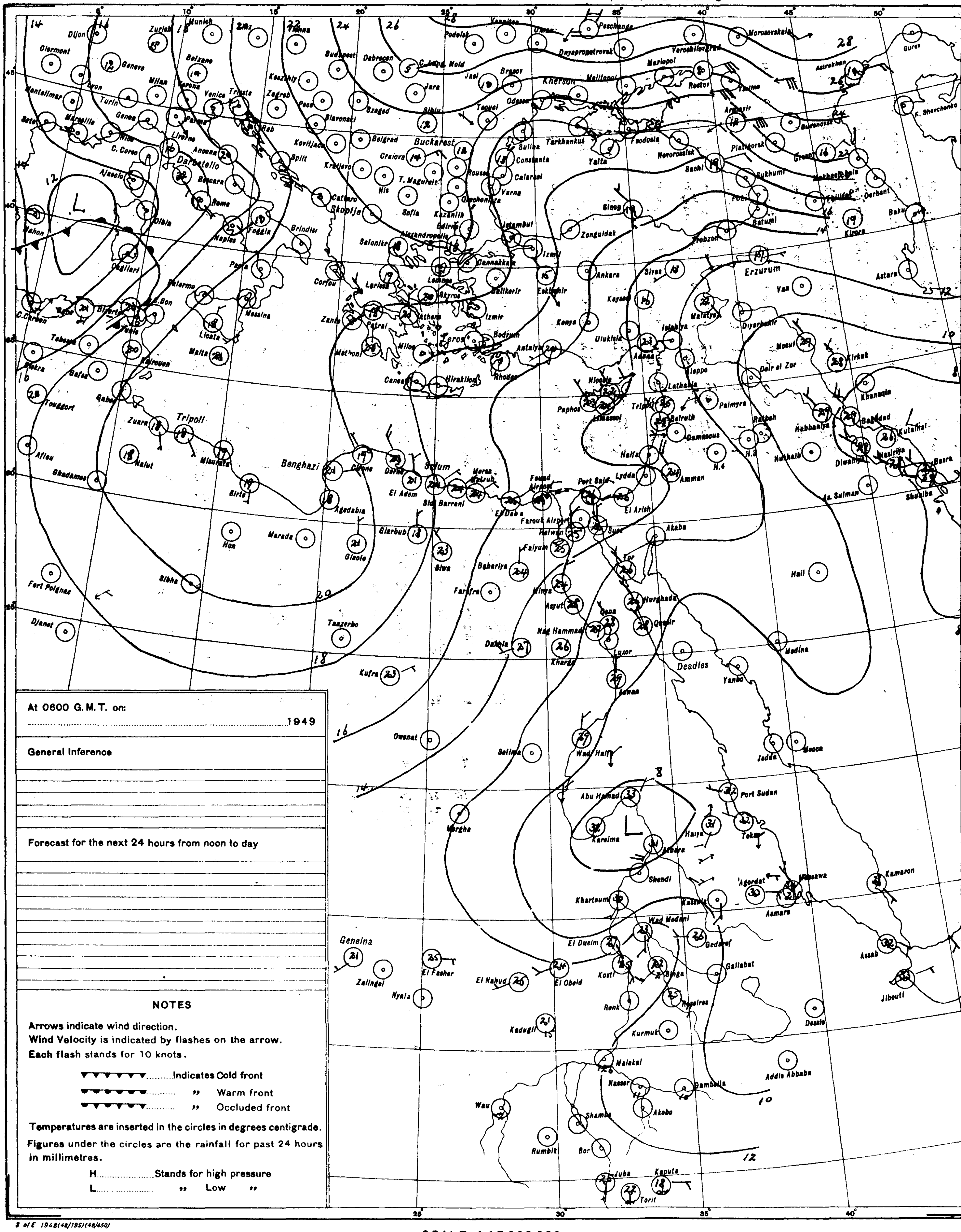
HEIGHT m.	SÎWA DIR.	SÎWA VEL.	BAHARÎYA DIR.	BAHARÎYA VEL.	DAKHLA DIR.	DAKHLA VEL.	KHARGA DIR.	KHARGA VEL.	WÂDI HALFA DIR.	WÂDI HALFA VEL.	ABÛ HAMAD DIR.	ABÛ HAMAD VEL.	KAREIMA DIR.	KAREIMA VEL.	KHARTÛM DIR.	KHARTÛM VEL.	KASSALA DIR.	KASSALA VEL.	EL OBEID DIR.	EL OBEID VEL.	EL FÂSHER DIR.	EL FÂSHER VEL.	MALAKÂL DIR.	MALAKÂL VEL.
TIME	9		9		9		7										3 30				4 30			
300	10	5	30	21	300	6	360	7																
600	90	4	50	6	310	7	20	16									190	18						
1000	60	6	50	10	340	5	20	17									170	11			160	4		
1500	20	7	60	13	350	5											230	14			60	12		
2000	330	3															360	3						
3000	20	6															30	17			60	17		
4000	340	5																						
5000	360	11																						
6000	10	10																						
7000																								
8000																								

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

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

Note: All times G. M. T.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Wednes. 21 - 9 -* 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	S
,, or sand raised by wind	07	$
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	═
Shallow fog	12	
Lightning, no thunder heard	13	<
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	≡]
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain Thunderstorm during the past hour	91	
Hail Thunderstorm during the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

Cloudless	—		○
Cirrus	Ci	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 43 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 : Thursday 22nd September, , 1949

At 1200 on Wednes. 21st

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C
MEDITERRANEAN	62300	SALÛM	20	8	7	01	0	1	ac	17.4	26	55	16
	62303	SÎDI BARÂNI	340	14	35	03	1	4	Cu	18.3?	25	70	19
	62306	MATRÛH	20	11	18	02	1	5	Cu	17.4	26	62	18
	62309	EL DABA	340	1	35	03	2	3	Cu	15.9	27	62	19
		ALEXANDRIA	360	11	50	01	2	3	Sc,Cu	16.0	26	31	18
	62318	FOUAD (Airport)	360	12	18	02	1	2	Sc	15.9	27	66	20
	62330	DAMIETTA	340	2	15	01	0	1	Cu	15.1	26	70	20
	62333	PORT SAÏD	10	9	30	01	0	0	—	14.1	28	62	20
	62336	EL 'ARISH	320	2	35	01	0	0	—	14.8	27	70	21
LOWER EGYPT	62339	DAMANHUR	360	9	15	02	1	1	Cu	16.0	28	62	20
	62342	MANSURA	360	9	35	00	0	0	—	15.2	31	49	19
	62348	TANTA	40	5	35	01	1	2	Cu	15.6	31	49	19
	62354	ZAGAZIG	40	2	35	00	0	0	—	13.3	31	49	19
	62441	ISMAÏLIA	360	5	35	03	1	1	Cu	13.5	31	49	19
CAIRO AREA	62366	FAROUK (Airport)	20	12	30	03	0	2	Cu	13.9	32	38	16
	62372	ALMÂZA	30	14	30	00	0	0	—	13.1	32	52	21
		EZBEKÎYA	360	4	35	00	0	0	—	13.4	32	46	19
		GÎZA	360	4	35	00	0	0	—	13.4	32	34	14
	62378	HELWÂN	360	11	35	02	0	0	—	12.8	33	30	13
UPPER EGYPT	62381	FAIYÛM	20	5	35	02	0	0	—	12.4	33	38	17
	62387	MINYA	10	9	12	00	0	0	—	11.7	35	32	16
	62393	ASYÛT MANGABAD	00	0	30	00	0	0	—	10.3	38	22	13
	62399	NAG' HAMMÂDI	270	3	7	00	0	0	—	8.6	38	27	16
	62402	QENA	270	2	50	06	0	0	—	8.3	40	30	19
	62405	LUXOR											
	62414	ASWÂN	340	3	50	00	0	0	—	7.4	40	20	13
OASES	62417	SÎWA	00	0	35	00	0	0	—	17.2	33	59	24
	62420	BAHARÎYA	360	4	35	02	1	3	ac	12.3	35	32	16
	62423	FARAFRA											
	62432	DAKHLA	320	6	50	00	0	0	—		36	27	14
	62435	KHARGA	340	4	35	00	0	0	—	10.7	37	31	17
RED SEA	62450	SUEZ	360	8	50	02	0	0	—	11.6	33	24	10
	62459	TÛR	310	11	35	00	0	0	—	9.0	29	66	22
	62462	HURGHÂDA	20	9		00	0	0	—	9.5	28	74	23
	62465	QUSEIR	360	9	15	02	0	0	—	9.4	30	40	15
	62641	PORT SUDAN	350	11	30	03	0	0	—	6.1	36	53	25
NORTH SUDAN	62600	WÂDI HALFA	360	17?	10	06	0	1	ac	6.5	41	16	10
	62640	ABU HAMAD	110	3	30	01	0	2	Cu	3.3	43	9	4
	62660	KAREIMA	20	1	30	01	1	3	Cu, ac	3.0	42	12	7
	62680	'ATBARA	200	9	10	03	2	5	Cu, Cb	3.4	41	16	10
	62721	KHARTÛM	200	13	30	02	2	7	Cb	5.3	37	27	15
	62730	KASSALA	00	0	30	00	1	0	—	5.9	36	31	16
CENTRAL SUDAN	62751	WÂD MEDANI	200	9	35	02	1	8	cc	6.8	34	41	19
	62801	RENK											
	62802	ROSEIRES	200	2	35	01	0	4	ac	7.8	31	59	22
	62771	EL OBEID	240	3	30	03	0	6	Cu, ac	6.1	34	27	13
	62760	EL FÂSHER	70	5	30	03	1	7	Cu, ac		33	41	18
	62770	GENEINA	20	5	30	01	0	3	Cu		35	15	5
S. SUDAN	62840	MALAKÂL	160	5	30	03	2	7	Cu, Sc	9.7	30	66	23
	62880	WÂU	130	8	30	01	2	7	ac	7.3	30	52	19
	62941	JUBA	310	2	30	03	2	6	Cu	9.0	31	49	19

At 1800 on Wednes. 21st

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms
MEDITERRANEAN	62300	SALÛM	320	5	15	02	0	1	Cu	17.8	24	69	18	0
	62303	SÎDI BARÂNI	340	5	15	01	1	2	Cu	17.4	23	74	18	0
	62306	MATRÛH	20	3	13	01	1	3	Sc	17.8	23	89	21	0
	62309	EL DABA	340	4	7	02	2	2	Cu	17.1	23	74	18	0
		ALEXANDRIA	330	11		02	2	3	Sc,Cu	17.5	23	74	18	0
	62318	FOUAD (Airport)	360	6	14	02	0	0	—	16.5	22	78	18	0
	62330	DAMIETTA	340	2		00	0	0	—	14.8	24	74	19	0
	62333	PORT SAÏD	360	11	14	02	0	0	—	15.2	24	79	20	0
	62336	EL 'ARISH	360	5	15	03	0	1	Cu				23	0
LOWER EGYPT	62339	DAMANHUR	360	5	15	02	0	0	—	16.6	22	83	19	0
	62342	MANSURA	40	5		00	0	0	—	16.4	23	84	20	0
	62348	TANTA	20	2	35	02	1	0	—	17.1?	23	65	16	0
	62354	ZAGAZIG	340	5	35	00	0	0	—	15.8	23	84	20	0
	62441	ISMAÏLIA	20	2	35	01	0	0	—	15.1	25	70	19	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMÂZA	20	14	14	01	0	0	—	15.4	25	84	22	0
		EZBEKÎYA	20	7	15	00	0	0	—	15.6	25	70	19	0
		GÎZA	20	7	15	00	0	0	—	15.6	26	62	18	0
	62378	HELWÂN	20	22	15	02	0	0	—	14.3	27	52	16	0
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0	—	13.6	28	52	17	0
	62387	MINYA	360	6	10	00	0	0	—	12.7	25	61	17	0
	62393	ASYÛT MANGABAD												
	62399	NAG' HAMMÂDI	00	0		00	0	0	—	10.2	25	61	17	0
	62402	QENA	270	2	7	00	0	0	—	8.7	22	61	14	0
	62405	LUXOR	00	0	12	00	0	0	—	8.9	30	43	16	0
	62414	ASWÂN	00	0	50	00	0	0	—	8.6	37	19	10	0
OASES	62417	SÎWA	00	0	35	00	0	0	—	17.1	29	52	18	0
	62420	BAHARÎYA	360	9	15	02	1	0	—	13.6	29	52	18	0
	62423	FARAFRA												
	62432	DAKHLA	320	4	35	00	0	0	—	10.8	30	21	5	0
	62435	KHARGA	40	1	15	00	0	0	—	10.2	30	35	13	0
RED SEA	62450	SUEZ	360	7	35	02	0	0	—	14.4	26	62	18	0
	62459	TÛR	360	3	15	00	0	0	—	13.0	27	62	19	0
	62462	HURGHÂDA	300	6		00	0	0	—	9.6	27?	55	19	0
	62465	QUSEIR	40	5	15	02	0	0	—	9.6	27	70	21	0
	62641	PORT SUDAN												
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 0600 on Thursday 22nd September,

AREA	INDEX NUMBER	STATION	WIND 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	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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
MEDITERRANEAN	62300	SALÛM	320	4	15	02	0	0	—	17.6		22	26		17		74	17	0			SALUM
	62303	SÎDI BARÂNI	340	6	35	03	1	3	Cu	18.3?		24	26		21		69	18	0	278		SÎDI BARÂNI
	62306	MATRÛH	10	8	18	02	1	5	Sc	17.2		23	27		19		65	16	0			MATRÛH
	62309	EL DABA	340	2	15	03	2	3	Cu	16.4		24	27		20		69	18	0			EL DABA
		ALEXANDRIA	20	4	35	02	1	5	Sc,Cu	16.6	+2.2	24	27	-3	22	0	69	18	0	267	187	ALEXANDRIA
	62318	FOUAD (Airport)	360	10	18	02	2	6	Sc	16.3		24	28		21		69	18	0	265	138	FOUAD (Airport)
	62330	DAMIETTA	340	2		03	0	2	Cu	15.8	+2.2	24	27		20		74	19	0	320	106	DAMIETTA
	62333	PORT SAÏD	320	5	13	01	1	2	Sc	15.5		24	27		23		69	18	0	72		PORT SAÏD
	62336	EL 'ARISH	00	0	35	03	1	3	Cu	15.4	+1.9	25	28	-1	20	+1	74	20	0		94	EL 'ARISH
LOWER EGYPT	62339	DAMANHUR	360	5	7	03	1	3	Cu	16.7	+2.4	23	29	-2	18	-1	84	20	0	102	101	DAMANHÛR
	62342	MANSURA	360	5	35	00	0	0	—	16.2	+2.2	24	32	0	20	+1	74	19	0	49	55	MANSÛRA
	62348	TANTA	270	2	35	02	0	0	—	17.0	+2.7	22	31	-1	15	-2	83	19	0	34	44	TANTA
	62354	ZAGAZIG	320	2	15	02	1	2	Ac	16.2	+1.9	24	32	0	18	+1	84	21	0	21	27	ZAGAZIG
	62441	ISMAÏLIA	20	2	35	03	1	2	Ac	15.5		25	32		20		70	19	0	14		ISMAÏLIA
CAIRO AREA	62366	FAROUK (Airport)	360	3	7	02	1	5	Sc	15.3		22			21		83	19	0			FAROUK (Airport)
	62372	ALMÂZA	20	4	12	01	1		Sc	16.0	+2.1	22	32		19		78	18	0			ALMÂZA
		EZBEKÎYA	260	3	15	00	0	3	Sc	16.3	+2.4	23	32	0	20	0	84	20	0	8	26	EZBEKÎYA
		GÎZA	360	3	15	00	0	3	Sc	16.6	+2.6	22	32	+1	19	+2	83	19	0	16	27	GÎZA
	62378	HELWÂN	340	6	15	00	1	3	Cu	15.8	+2.0	22	34	+2	20	0	83	19	0	16	29	HELWÂN
UPPER EGYPT	62381	FAIYÛM	20	8	35	03	1	4	Sc,Cu	16.0	+2.0	24	34	+1	20	+1	74	19	0	8	8	FAIYÛM
	62387	MINYA	20	11	10	00	1	0	—	15.0		22	35		19		78	18	0	5		MINYA
	62393	ASYÛT MANGABAD	300	3	30	00	0	0	—	13.9		28			20		42	14	0	dr.		ASYÛT MANGABAD
	62399	NAG' HAMMÂDI	00	0		00	0	0	—	11.5	+0.2	28	39		22		58	19	0	3		NAG' HAMMÂDI
	62402	QENA	270	2	35	00	0	0	—	11.2	-0.1	27	42	+5	24	+3	52	16	0	dr.		QENA
	62405	LUXOR	00	0	30	00	0	0	—	11.1		31	40		21		29	11	0	dr.		LUXOR
	62414	ASWÂN	360	8	50	00	0	0	—	10.4	0.0	29	41	+2	25	+1	43	15	0	2		ASWÂN
OASES	62417	SÎWA	320	5	35	00	0	0	—	18.0	+2.2	26	34	-1	18	+1	45	13	0	1	8	SÎWA
	62420	BAHARÎYA	360	4	35	02	1	3	Ac	16.2	+1.5	22	36	+3	20	+2	89	20	0	dr.	7	BAHARÎYA
	62423	FARAFRA																		dr.		FARAFRA
	62432	DAKHLA	140	3	35	00	0	0	—	13.7	+0.7	28	38	+2	21	+1	40	13	0	dr.		DAKHLA
	62435	KHARGA	360	2	35	00	0	0	—	12.4	+0.2	28	38	+2	25	+4	61	19	0	0		KHARGA
RED SEA	62450	SUEZ	00	0	50	00	0	5	Cu	15.0	+2.3	24	35	+2	20	-1	74	19	0	12	17	SUEZ
	62459	TÛR	310	9	35	00	0	0	—	13.0	+2.6	25	33	+2	24	+2	74	20	0	dr.	13	TÛR
	62462	HURGHÂDA	320	11		00	0	0	—	10.9		26	29		23		70	20	0	7		HURGHADA
	62465	QUSEIR	360	9	15	02	0	0	—	11.0	+0.6	28	33	+1	25	0	58	19	0	0	4	QUSEIR
	62641	PORT SUDAN	210	1	30	01	0	1	ac	9.3		30	37		24		70	24	0	61	106	PORT SÛDÂN
NORTH SUDAN	62600	WÂDI HALFA	10	7	30	01	1	2	ac	10.7		27	42		23		33	9	0	27		WÂDI HALFA
	62640	ABU HAMAD	310	1	30	00	2	0	—	8.1		32	43		28		21	7	0			ABU HAMAD
	62660	KAREIMA	50	1	30	00	0	0	—			32	44		28		24	9	0	89	27	KAREIMA
	62680	'ATBARA	270	9	35	00	1	2	ac	8.2		32			25		38	16	0	46	68	'ATBARA
	62721	KHARTÛM	210	14	50	02	1	1		9.3		31	38		27		46	18	0	49	160	KHARTÛM
	62730	KASSALA	180	5	30	00	0	0	—	9.7		29	38		23		52	18	0	345	314	KASSALA
CENTRAL SUDAN	62751	WÂD MEDANI	230	9	50	02	0	0	—	10.8		27	35		20		70	21	0	239	385	WÂD MEDANI
	62801	RENK	230	9	50	02	1	6	Sc	11.0		26	34		23		64	23	0		499	RENK
	62802	ROSEIRES	250	2	35	02	0	4	ac	11.2		27	32		21		79	23	2	562	795	ROSEIRES
	62771	EL OBEID	220	15	30	01	0	1	Cb	10.8		27	36		22		58	18	0	297	355	EL OBEID
	62760	EL FÂSHER	00	0	30	03	1	7	ac			24	36		20		61	16	0	177	307	EL FÂSHER
	62770	GENEINA	00	0	30	02	1	7	ac			23	36		20		74	18	0		557	GENEINA
S. SUDAN	62840	MALAKÂL	130	3	30	02	2	7	ac	12.1		25	35		23		94	24	0	1211	799	MALAKÂL
	62880	WÂU	00	0	30	01	1	3	ac	11.2		25	31		21		89	23	0	1206	1061	WÂU
	62941	JUBA	180	5	30	01	1	7	ac	12.7		24	32		20		84	21	dr.	746	935	JUBA

HUMIDITY % Mean of day

STATION	on 21st	Diff. from normal
Alexandria	70	+3
Ezbekiya	70	+6
Giza	61	-6
Helwân	58	+4

GÎZA

GRASS MINIMUM TEMP. ON 22nd 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 21st	At 15h	AIRPORT
PRESSURE mbs.	HEIGHT ABOVE M.S.L. metres	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	115	30	43	10	10
950					
900					
850	1530	16	59	30	9
800					
700	3146	6	29	29	7
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	Foad A.P				Port Said				Hurghada															
TIME	16				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	16			360	19			340	10														
600	360	19			10	7			340	10														
1000	360	17			360	9			340	38?														
1500	320	13			320	9			50	6														
2000	290	12			290	16			340	9														
3000									350	15														
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 22nd

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABAD		LUXOR		ASWÂN		HURGHADA		
TIME	7		5		3		3								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.
G	340	21	330	11	350	18	340	7							360	10			360	16	330	32		
	330	20	330	9	340	19	330	12							360	16			20	22	330	23		
	350	20			350	18	340	16							360	18			30	17	330	20		
1500	20	16			350	11	340	13							350	26			30	12	310	21		
2000	340	14					350	14							340	16			170	10	260	23		
3000	10	12													210	10					220	34		
4000																					190	25		
5000																					240	29		
6000																								
7000																								
8000																								

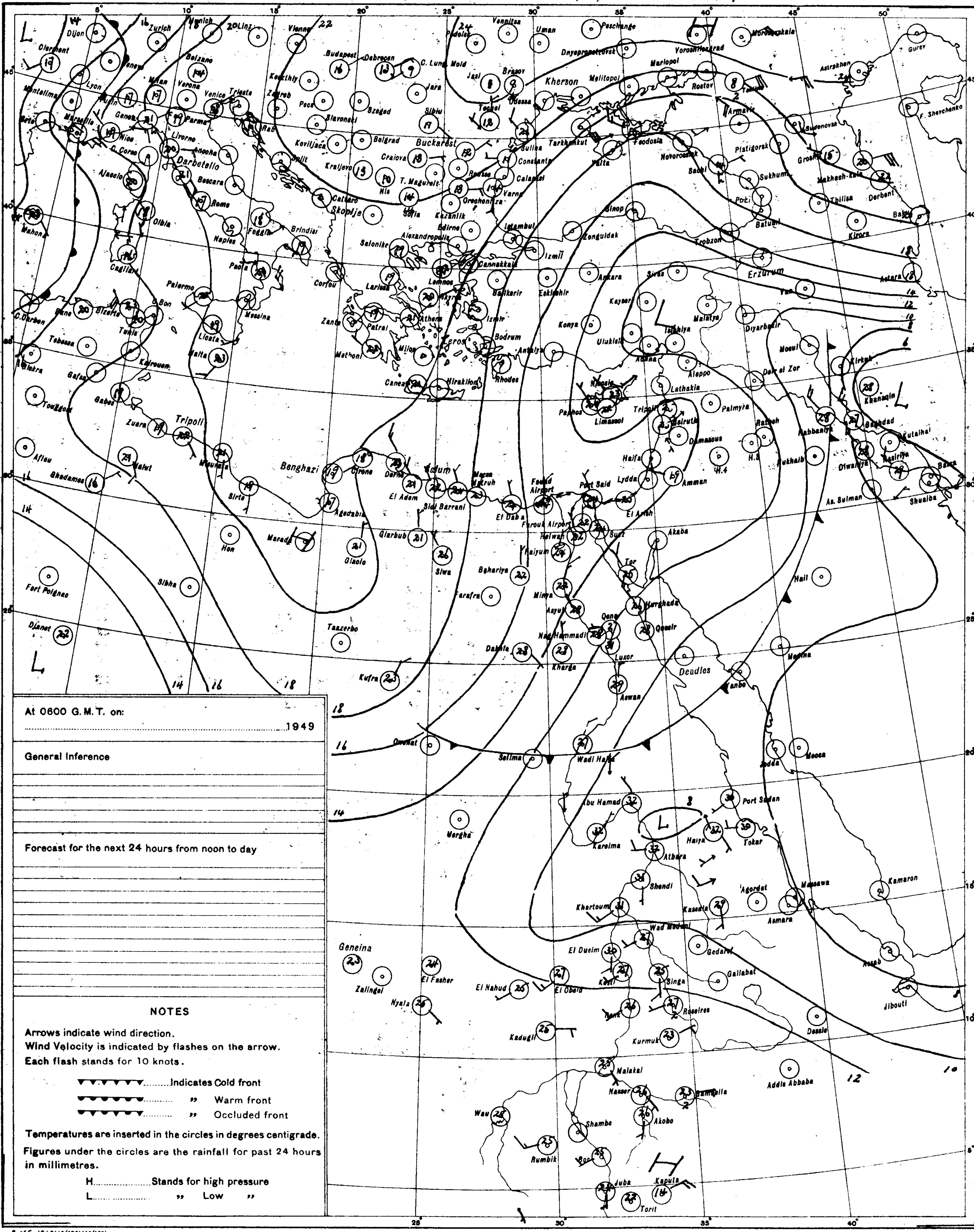
STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	7		9		9		7		4		3				4		3 45		4		4		4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	60	8	360	10	40	9	10	27	360	14														
600	40	4	360	10	40	18	20	32	10	19	360	9			200	18	170	13					130	4
1000	360	7	360	18	30	16	20	34	20	29	10	2			210	24	190	13	50	19	10	7		
1500	330	16	330	36?	30	22	20	16	10	24	180	6			200	7	290	6	270	12	90	11		
2000	340	10															10	10	340	3			110	3
3000	40	6							50	15	70	10			90	13					130	23		
4000	50	10																						
5000	50	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 *THURSDAY. 22.9.* 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	S
,, or sand raised by wind	07	
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	≡]
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain } Thunderstorm during the past hour	91	
Hail }	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	◯
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze *(vis less than 1000 m.)*	4	≡
Drizzle	5	,
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 43 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 23rd September, , 1949

At 1200 on Thurs. 22nd

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C
MEDITERRANEAN	62300	SALÛM	320	10	35	02	0	0	—	17.4	26	62	18
	62303	SIDI BARÂNI	40	12	50	01	0	0	—	17.8	25	70	19
	62306	MATRÛH	20	10	18	02	1	3	Cu	17.0	26	55	16
	62309	EL DABA	340	5	35	02	2	2	Cu	16.9	26	55	16
		ALEXANDRIA	310	10	50	02	2	4	Sc,Cu	16.6	26	62	18
	62318	FOUAD (Airport)	340	16	18	02	1	4	Cu	15.3	26	62	18
	62330	DAMIETTA	340	2	15	01	0	1	Cu		26	70	20
	62333	PORT SAÏD	360	8	30	01	0	1	Sc	14.3	26	70	19
	62336	EL 'ARISH	00	0	35	01	0	1	Cu	14.4	27	62	19
LOWER EGYPT	62339	DAMANHÛR	330	13	15	01	1	2	Cu	15.8	27	62	19
	62342	MANSÛRA	340	9	35	02	1	3	Cu	14.8	30	46	17
	62346	TANTA	360	13	35	01	1	4	Cu	15.0	30	46	17
	62354	ZAGAZIG	320	6	35	02	1	2	Ac	13.8	31	49	19
	62441	ISMÂÏLIA	20	5	35	03	1	3	Cu	13.1	30	40	15
CAIRO AREA	62366	FAROUK (Airport)	310	9	30	02	1	2	Cu	13.7	29	40	14
	62372	ALMAZA	340	11	15	01	1	1	Cu	13.4	29	59	20
		EZBEKÎYA	360	9	35	00	0	0	—	13.8	30	46	17
		GÎZA	360	9	35	00	0	0	—	13.8	30	36	14
	62378	HELWÂN	340	11	15	02	0	0	—	13.2	30	35	13
UPPER EGYPT	62381	FAIYÛM	360	5	35	01	0	0	—	13.6	30	40	15
	62387	MINYA	20	12	12	00	0	0	—	12.9	31	43	17
	62393	ASYÛT MANQABAD	320	15	30	00	0	0	—	11.8	34	18	6
	62399	NAG' HAMMADI	270	4	7	00	0	0	—	9.0	36	27	15
	62402	QENA	240	5	50	00	0	0	—	8.6	38	27	16
	62405	LUXOR											
	62414	ASWÂN	340	5	50	00	0	0	—	7.8	38	21	12
OASES	62417	SÎWA	270	4	35	00	0	0	—	18.0	31	70	25
	62420	BAHARÎYA	360	5	35	02	1	0	—	13.9	31	43	17
	62423	FARAFRA											
	62432	DAKHLA	360	6	50	00	0	0	—		34	27	12
	62435	KHARGA	360	1	35	00	0	0	—	11.0	35	32	16
RED SEA	62450	SUEZ	360	7	50	01	0	0	—	11.9	29	46	16
	62459	TÛR	310	14	35	00	0	0	—	10.6	28	70	22
	62462	HURGHÂDA	330	16		00	0	0	—	8.9	28	70	22
	62465	QUSEIR	360	9	15	02	0	0	—	9.0	29	59	20
	62641	PORT SUDÂN	20	8	30	02	0	1	Cu	5.9	38	50	26
NORTH SUDÂN	62600	WÂDI HALFA	360	12	30	02	0	1	Ac	8.0	40	19	12
	62640	ABU HAMAD	270	3	30	03	0	3	Cu	4.7	41	16	10
	62660	KAREIMA	110	1	30	01	0	3	Cu	4.5	41	22	15
	62680	'ATBARA	270	5	30	03	0	2	Cu,Ac	4.2	41	17	11
	62721	KHARTÛM	170	13	30	03	0	1	Cu	4.8	39	20	12
	62730	KASSALA	00	0	30	03	0	4	Cu	5.1	38	29	17
CENTRAL SUDÂN	62751	WÂD MEDANI	230	9	35	02	1	4	St	5.4	37	24	15
	62801	RENK	230	13	50	02	1	4	Cu	6.7	36	40	20
	62802	ROSEIRES	200	2	35	02	0	0	—	7.6	34	47	21
	62771	EL OBEID	200	9	30	03	0	3	Cu,Ci	5.3	36	27	14
	62760	EL FÂSHER	100	9	30	01	1	5	Ac		35	30	15
	62770	GENEINA	70	7	30	01	2	5	Cu,Ci		35	20	9
S. SUDÂN	62840	MALAKÂL	130	3	30	25	8	7	Cb,Sc	8.2	29	66	22
	62880	WÂU	160	3	30	02	2	6	Cu	7.4	32	56	22
	62941	JUBA											

At 1800 on Thurs. 22nd

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-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	0	—	16.6	23	74	18	0
62303	SIDI BARÂNI	340	5	15	02	0	0	—	16.2	23	74	18	0
62306	MATRÛH	360	4	12	00	0	0	—	16.6	22	69	16	0
62309	EL DABA	340	4	7	00	0	0	—	16.2	23	65	16	0
	ALEXANDRIA	330	5	35	02	2	6	Sc,Cu	15.4	23	74	18	0
62318	FOUAD (Airport)	360	11	18	03	1	3	Sc	14.4	23	74	18	0
62330	DAMIETTA	340	2		00	0	0	—	14.2	23	84	20	0
62333	PORT SAÏD	360	11	18	03	0	1	Sc	13.7	24	79	20	0
62336	EL 'ARISH	320	5	15	02	1	2	Cu	13.0	24	74	19	0
62339	DAMANHÛR	310	5	15	02	0	0	—	15.4	22	83	19	0
62342	MANSÛRA	360	5		00	1	0	—	14.4	23	74	18	0
62346	TANTA	370	2	35	02	1	0	—	14.1	22	74	17	0
62354	ZAGAZIG	320	2	35	00	1	0	—	13.9	23	74	18	0
62441	ISMÂÏLIA	20	2	35	01	0	0	—	13.8	24	69	18	0
62366	FAROUK (Airport)												
62372	ALMAZA	350	8	12	00	0	0	—	13.8	25	74	20	0
	EZBEKÎYA	340	3	15	00	0	0	—	14.2	25	64	17	0
	GÎZA	340	3	15	00	0	0	—	14.7	23	69	17	0
62378	HELWÂN	340	8	15	02	0	0	—	13.6	25	54	15	0
62381	FAIYÛM	360	2	35	02	0	0	—	13.1	25	61	17	0
62387	MINYA	00	0	10	00	0	0	—	12.9	22	65	15	0
62393	ASYÛT MANQABAD												
62399	NAG' HAMMADI	270	2		00	0	0	—	9.9	27	52	16	0
62402	QENA	270	2	7	00	0	0	—	7.3	29	46	16	0
62405	LUXOR	320	4	12	00	0	0	—	8.8	31	33	13	0
62414	ASWÂN	360	5	50	00	0	0	—	7.9	36	17	7	0
62417	SÎWA	00	0	35	00	0	0	—	16.6	28	52	17	0
62420	BAHARÎYA	00	0	15	02	0	0	—	14.8	25	54	15	0
62423	FARAFRA												
62432	DAKHLA	330	10	35	00	0	0	—	11.2	29	40	14	0
62435	KHARGA	20	8	15	00	0	0	—	10.7	29	42	15	0
62450	SUEZ	360	5	35	02	0	0	—	13.0	25	61	17	0
62459	TÛR	310	4	15	00	0	0	—	9.3	27	62	19	0
62462	HURGHÂDA	310	13		00	0	0	—	8.8	27	70	21	0
62465	QUSEIR	320	5	15	02	0	0	—	9.1	28	58	19	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 23rd September,

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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	SALÛM	320	9	7	00	0	0	—	16.2		23	27		17		74	18	0			SALUM
62303	SIDI BARÂNI	340	10	50	03	0	1	Cu	16.3		25	26		22		65	18	0	278		SIDI BARANI
62306	MATRÛH	320	6	18	00	0	0	—	15.0		22	27		17		74	17	0			MATRUH
62309	EL DABA	340	8	15	00	0	0	—	13.5		24	27		21		61	16	0			EL DABA
	ALEXANDRIA	360	3	50	01	1	6	Sc,Cu	13.8	-0.7	24	27	-3	22	0	69	18	0	267	187	ALEXANDRIA
62318	FOUAD (Airport)	320	14	18	03	1	4	Sc	13.1		24	27		21		69	18	0	265	138	FOUAD (Airport)
62330	DAMIETTA	200	2		11	0	2	Fs,Fc	13.1	-0.6	23	27		18		84	20	0	320	106	DAMIETTA
62333	PORT SAÏD	260	8	12	01	0	3	Sc	12.8		24	26		22		79	20	0	72		PORT SAID
62336	EL 'ARISH	220	2	35	03	1	3	Cu	13.5	-0.1	27	27	-2	19	0	62	19	0		94	EL 'ARISH
62339	DAMANHÛR	310	9	7	02	0	0	—	15.2	+0.8	23	28	-3	18	-1	78	19	0	102	101	DAMANHUR
62342	MANSÛRA	40	5	35	01	1	3	Ac	13.1	-1.0	24	31	-1	18	-1	74	19	0	49	55	MANSURA
62346	TANTA	220	2	35	01	1	2	Cu	13.4	-1.0	23	30	-2	16	-1	84	20	0	34	44	TANTA
62354	ZAGAZIG	220	2	15	03	0	2	Sc	13.4	-1.0	24	32	0	18	+1	74	19	0	21	27	ZAGAZIG
62441	ISMÂÏLIA	290	2	35	01	2	6	Cu	12.8		24	31		18		69	18	0	14		ISMAILIA
62366	FAROUK (Airport)	340	6	12	02	2	7	Sc	13.7		21			19		83	18	0			FAROUK (Airport)
62372	ALMAZA	340	8	11	03	1	8	St	13.5	-0.5	22	30		20		83	19	0			ALMAZA
	EZBEKÎYA	360	3	15	00	0	6	Sc	13.9	-0.1	23	30	-2	20	+1	78	19	0	8	26	EZBEKIYA
	GÎZA	360	3	15	00	0	6	Sc	13.9	-0.2	23	30	-1	18	+1	75	18	0	16	27	GIZA
62378	HELWÂN	360	4	7	03	2	6	Cu	13.9	0.0	22	30	-2	19	-1	57	13	0	16	29	HELWAN
62381	FAIYÛM	360	2	35	03	2	7	St	14.7	+0.5	23	31	-2	18	-1	74	18	0	8	8	FAIYUM
62387	MINYA	360	10	12	02	0	4	Sc	14.0		22	31		17		69	16	0	5		MINYA
62393	ASYÛT MANQABAD	340	4	30	00	0	0	—	13.4		22			18		74	17	0	dr.		ASYUT MANQABAD
62399	NAG' HAMMADI	270	2		00	0	0	—	11.1	-0.3	25	37		19		36	9	0	0		NAG' HAMMADI
62402	QENA	240	5	35	00	0	0	—	11.4	0.0	25	40	-3	22	+1	64	17	0	dr.		QENA
62405	LUXOR	300	2	30	00	0	0	—	10.6		27	39		21		35	10	0	dr.		LUXOR
62414	ASWÂN	360	5	50	00	0	0	—	10.0	-0.5	27	40	+1	24	+1	48	15	0	2		ASWAN
62417	SÎWA	320	5	35	00	0	0	—	17.8	+1.9	21	32	-3	17	0	41	7	0	1	8	SIWA
62420	BAHARÎYA	360	4	35	02	1	3	Ac	15.5	+0.7	21	32	-1	17	-1	74	16	0	dr.	7	BAHARIYA
62423	FARAFRA																		dr.		FARAFRA
62432	DAKHLA	320	6	35	00	0	0	—	13.5	-0.4	23	37	+1	20	0	44	10	0	dr.		DAKHLA
62435	KHARGA	20	6	35	00	0	0	—	13.0	+0.7	25	33	-3	21	0	54	15	0	0		KHARGA
62450	SUEZ	360	6	35	00	0	0	—	13.6	+0.8	23	32	-1	20	-1	65	16	0	12	17	SUEZ
62459	TÛR	310	10	35	00	0	0	—	9.1	-1.4	23	30	-1	22	0	65	16	0	dr.	13	TOR
62462	HURGHÂDA	330	19		00	0	0	—	9.5		24	28		20		74	19	0	7		HURGHADA
62465	QUSEIR	360	24	15	02	0	0	—	8.5	-2.0	27	31	-1	24	-1	52	16	0	0	4	QUSEIR
62641	PORT SUDÂN	300	9	50	03	1	7	Cs	7.9		31	39		25		66	24	0	61	106	PORT SUDAN
62600	WÂDI HALFA	10	20	30	00	0	0	—	10.6		27	41		24		42	13	0	27		WADI HALFA
62640	ABU HAMAD	20	9	30	02	0	1	Ac	6.4		32	42		28		21	7	0			ABU HAMAD
62660	KAREIMA	70		30	01	1	3	Ac,Cs	7.5		31	43		29		29	11	0	89	27	KAREIMA
62680	'ATBARA	200	5	30	02	1	1	Ac	8.4		31	42		28		36	14	0	46	69	'ATBARA
62721	KHARTÛM	240	12	30	02	0	1	Ac	8.2		31	40		26		49	19	0	49	160	KHARTUM
62730	KASSALA	180	5	30	00	0	0	—	9.0		29	39		25		59	20	0	345	316	KASSALA
62751	WÂD MEDANI	200	9	50	01	1	2	As	9.3		28	38		24		66	21	0	239	387	WAD MEDANI
62801	RENK	230	13	50	02	1	4	Sc			26	36		21		79	22	0		502	RENK
62802	ROSEIRES	160	5	35	02	0	0	—	8.4		25	34				84	22	2	564	797	ROSEIRES
62771	EL OBEID	200	13	30	01	1	3	Ac	9.8		27	37		24		58	18	0	297	357	EL OBEID
62760	EL FÂSHER	00	0	30	03	0	1	Ac,Ci			24	37		18		47	12	0	177	308	EL FASHER
62770	GENEINA	70	5	30	00	1	2	Ac			23	36		17		38	8	0		559	GENEINA
62840	MALAKÂL	230	3	30	51	5	7	As	12.2		24	32		22		95	23	dr.	1211	803	MALAKAL
62880	WÂU	160	4	30	01	2	5	Ac	11.5		24	34		21		79	20	21	1227	1066	WAU
62941	JUBA	180	5	30	02	2	7	Sc,Ac,Ci	12.4		24	31		20		79	20	37	783	938	JUBA

HUMIDITY % Mean of day

STATION	on 22nd	Diff. from normal
Alexandria	70	+3
Ezbekiya	67	+2
Giza	70	+3
Helwân	61	+7

GÎZA

GRASS MINIMUM TEMP. ON 23rd 13.4 °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 22nd At 15th	PRESSURE mbs	HEIGHT ABOVE Meters	AIRPORT TEMP. °C	AIRPORT HUMID. %	AIRPORT WIND DIR.	AIRPORT WIND VEL.
	1000	114	28	37	360	9
	950					
	900					
	850	1520	14	59	20	7
	800					
	700	3150	11		320	16
	600					
	500	5861	-6		290	18
	400		-14			
	300	7694	-31		290	41

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.	Foad A.P. DIR.	Foad A.P. VEL.	DIR.	VEL.	DIR.	VEL.	Port Said DIR.	Port Said VEL.	DIR.	VEL.	Hurghada DIR.	Hurghada VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
	TIME 15						TIME 15				TIME 15															
300	320	19					340	15			330															
600	330	17					330	14			330	25														
1000	340	11					330	13			330	29														
1500	350	8					00	6																		
2000							50	6																		
3000							90	7																		
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 23rd

HEIGHT m.	STATION	SIDI BARÂNI DIR.	SIDI BARÂNI VEL.	MATRÛH DIR.	MATRÛH VEL.	FOUAD AIRPORT DIR.	FOUAD AIRPORT VEL.	PORT SAÏD DIR.	PORT SAÏD 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.	Almaza DIR.	Almaza VEL.
	TIME	9		4		3		9				9				9							9	8	
300		340	10	320	19	320	19	180	11			360	9			320	7					330	26	300	3
600		350	11	340	16	320	19	170	10			20	10			340	12					320	27	280	6
1000		360	11	340	23	330	16	170	9			30	16			340	16					300	20	340	8
1500		320	5	360	28	340	15	320	3			10	12			340	15					270	23	350	7
2000		360	8									340	9			360	5							340	12
3000		350	8													280	8							310	13
4000																350	8								
5000																340	10								
6000																									
7000																									
8000																									

HEIGHT m.	STATION	SÎWA DIR.	SÎWA VEL.	BAHARÎYA DIR.	BAHARÎYA VEL.	DAKHLA DIR.	DAKHLA VEL.	KHARGA DIR.	KHARGA VEL.	WÂDI HALFA DIR.	WÂDI HALFA VEL.	ABU HAMAD DIR.	ABU HAMAD VEL.	KAREIMA DIR.	KAREIMA VEL.	KHARTÛM DIR.	KHARTÛM VEL.	KASSALA DIR.	KASSALA VEL.	EL OBEID DIR.	EL OBEID VEL.	EL FÂSHER DIR.	EL FÂSHER VEL.	MALAKÂL DIR.	MALAKÂL VEL.
	TIME	9		9		9		7		4														5	
300		310	5	330	30	360	22	360	16	30	16														
600		40	9	330	30	350	16	360	15	30	7													210	10
1000		360	8	340	43	350	19			30														210	13
1500		360	13	350	29					20	17													160	8
2000		360	10	60	9																				
3000		10	13							300	4													110	1
4000		360	10																						
5000																									
6000																									
7000																									
8000																									

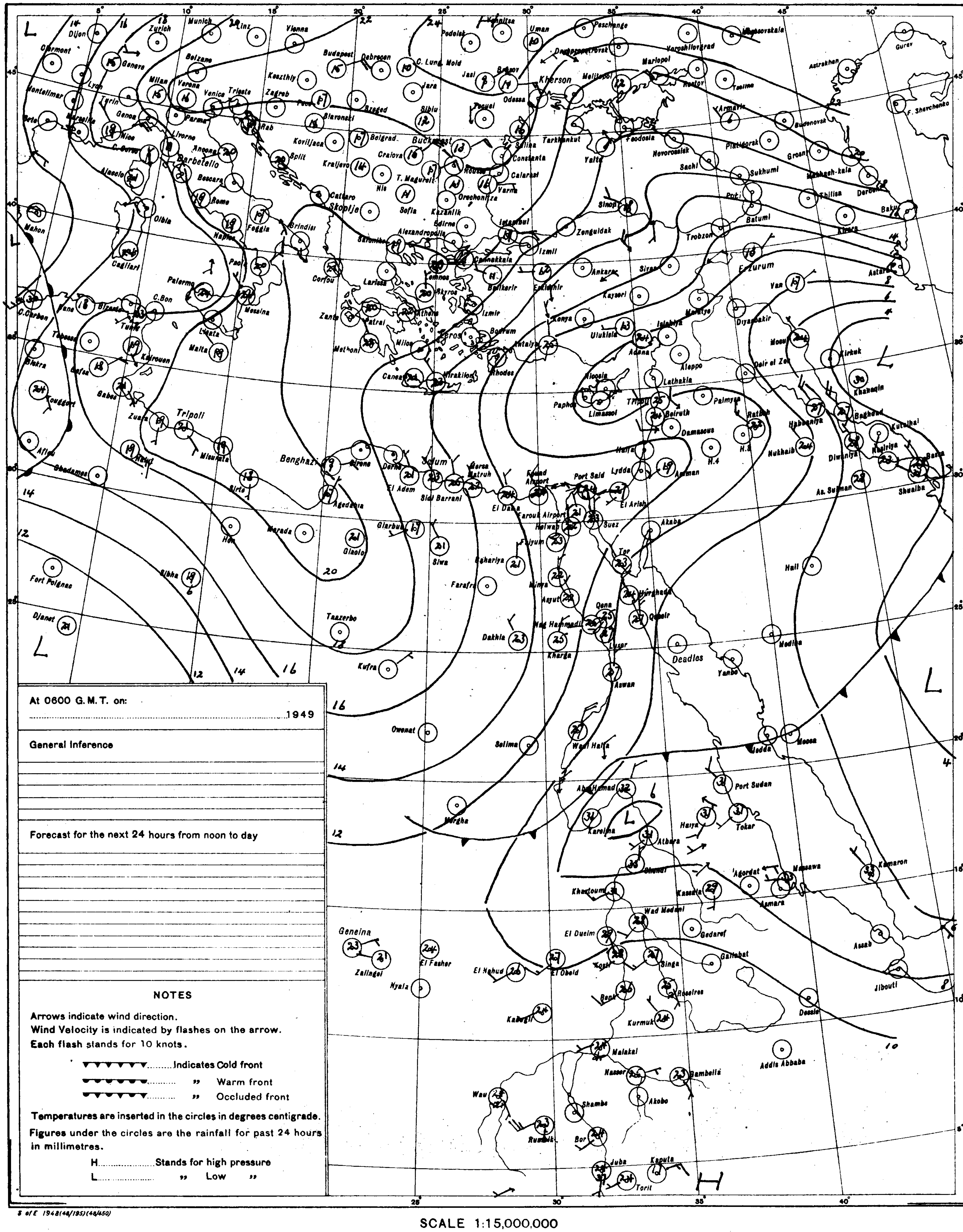
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON FRIDAY 23 : 9 : 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	S
,, or sand raised by wind	07	$
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	=
Shallow fog	12	
Lightning, no thunder heard	13	<
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	≡]
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain } Thunderstorm during	91	
Hail } the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

Cloudless		—	◯
Cirrus	Ci	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)

CAIRO
Time of Sunrise 03 44 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 : Saturday 24th September, , 1949

At 1200 on Fri. 23rd

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.
MEDITERRANEAN	62300	SALÛM	40	14	35	02	0	0	—	15.6	27	55	17	
	62303	SÎDI BARÂNI	320	13	35	01	0	0	—	15.4	27	62	19	
	62306	MATRÛH												
	62309	EL DABA	340	10	15	00	0	0	—	12.3	26	55	16	
		ALEXANDRIA	330	14	50	02	1	4	Cu, Sc	12.0	25	51	17	
	62318	FOUAD (Airport)	340	14	18	02	1	3	Sc	12.1	26	60	19	
	62330	DAMIETTA	360	2	15	00	0	0	—	11.0	26	70	20	
	62333	PORT SAÏD	340	6	30	02	1	1	Sc	11.4	26	70	20	
	62336	EL 'ARISH	320	2	35	01	0	0	—	11.6	26	62	18	
LOWER EGYPT	62339	DAMANHUR	360	13	15	02	0	0	—		27	66	20	
	62342	MANSURA	320	13	35	01	1	2	Ac	11.2	31	43	17	
	62348	TANTA	270	8	35	01	1	4	Cu	11.6	30	52	19	
	62354	ZAGAZIG	320	2	35	00	0	0	—	11.4	31	49	19	
	62441	ISMAÏLIA	250	2	35	01	1	3	Ac	12.0	31	38	15	
CAIRO AREA	62366	FAROUK (Airport)	290	8	30	02	1	1	Cu	10.9	29	43	15	
	62372	ALMÂZA	320	9	30	00	0	0	—	11.2	28	62	20	
		EZBEKÎYA	270	6	35	00	0	0	—	11.5	30	43	16	
		GÎZA	270	6	35	00	0	0	—	11.3	30	41	15	
	62378	HELWÂN	320	5	15	02	0	0	—	10.8	28	40	13	
UPPER EGYPT	62381	FAIYÛM	360	5	35	01	0	0	—	11.1	31	38	15	
	62387	MINYA	20	11	12	00	2	0	—	11.7	30	33	12	
	62393	ASYÛT MANQABÂD	320	5	30	00	0	0	—	10.6	30	27	9	
	62399	NAG' HAMMÂDI	270	3	7	00	0	0	—	8.3	31	43	17	
	62402	QENA	240	5	50	00	0	0	—	7.6	33	25	13	
	62405	LUXOR												
	62414	ASWÂN	360	6	50	00	0	0	—	7.8	38	25	15	
OASES	62417	SÎWA	250	3	35	00	0	0	—	16.8	31	52	20	
	62420	BAHARÎYA	360	5	35	02	1	0	—	13.0	30	46	17	
	62423	FARAFRA												
	62432	DAKHLA	290	16	50	00	0	0	—	11.6	30	25	8	
	62435	KHARGA	340	4	35	00	0	0	—	10.6	32	36	15	
RED SEA	62450	SUEZ	360	4	50	01	0	0	—	10.6	30	35	13	
	62459	TÛR	310	17	35	00	0	0	—	7.6	28	58	19	
	62462	HURGHÂDA	350	18		00	0	0	—	6.6	26	70	20	
	62465	QUSEIR	360	19	15	02	0	0	—		29	59	20	
	62641	PORT SÛDÂN	20	13	50	02	1	1	Ac	5.1	35	44	21	
NORTH SÛDÂN	62600	WÂDI HALFA	360	4	30	03	0	1	Ac	7.3	37	25	14	
	62640	ABU HAMAD	20	2	30	03	0	1	Cu	2.6	42	11	5	
	62660	KAREIMA	290	1	30	00	1	0	—	5.5	41	13	7	
	62680	'ATBARA	270	5	30	03	1	6	Cb	2.0	40	19	12	
	62721	KHARTÛM	230	10	30	03	0	4	Cu, Ac	3.4	39	23	14	
	62730	KASSALA	230	2	30	00	0	1	Cu	4.6	37	35	17	
CENTRAL SÛDÂN	62751	WÂD MEDANI	270	9	35	01	1	6	St.	5.4	37	33	18	
	62801	RENK												
	62802	ROSEIRES												
	62771	EL OBEID	250	12	30	02	0	3	Cu, Ac	4.9	35	30	15	
	62760	EL FÂSHER	50	10	30	02	0	7	Cs		37	33	18	
	62770	GENEINA	70	7	30	01	1	6	Ac, Ci		35	12	2	
S. SÛDÂN	62840	MALAKÂL	180	4	30	01	8	4	Cu, Ac	0.2	31	55	21	
	62880	WÂU	230	5	30	03	2	6	Cu, Ac	8.0	33	53	22	
	62941	JUBA	20	2	30	03	2	7	Cb, Ci	7.3	32	52	21	

At 1800 on Fri. 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	360	4	15	02	0	0	—	14.0	24	69	18	0
62303	SÎDI BARÂNI	320	10	15	02	0	0	—	13.7	23	84	20	0
62306	MATRÛH	360	14	12	00	0	0	—	13.6	23	69	17	0
62309	EL DABA	340	8	15	00	0	0	—	11.2	23	61	15	0
	ALEXANDRIA	310	16	15	02	1	7	Cu, Sc	12.3	23	74	18	0
62318	FOUAD (Airport)	340	15	14	01	1	3	Sc	11.9	23	74	18	0
62330	DAMIETTA	290	2		03	0	1	Cu	11.4	24	74	19	0
62333	PORT SAÏD	320	12	15	02	0	0	—	11.0	24	74	19	0
62336	EL 'ARISH	360	2	15	02	0	0	—	11.6	24	74	19	0
62339	DAMANHUR	360	5	7	02	0	0	—	12.6	22	83	19	0
62342	MANSURA	340	6		00	1	0	—	11.9	23	74	18	0
62348	TANTA	270	2	35	02	1	0	—	11.3	21	74	16	0
62354	ZAGAZIG	320	2	35	00	0	0	—	11.2	23	74	18	0
62441	ISMAÏLIA	20	2	35	02	0	0	—	11.4	25	70	19	0
62366	FAROUK (Airport)												
62372	ALMÂZA	330	6	13	00	0	0	—	11.2	24	69	18	0
	EZBEKÎYA	340	3	15	00	0	0	—	11.6	24	65	17	0
	GÎZA	340	3	15	00	0	0	—	11.4	23	66	16	0
62378	HELWÂN	340	11	15	02	0	0	—	11.1	25	54	15	0
62381	FAIYÛM	360	2	35	02	0	0	—	10.8	25	54	15	0
62387	MINYA	00	0	10	00	0	0	—	11.4	21	74	16	0
62393	ASYÛT MANQABÂD												
62399	NAG' HAMMÂDI	290	1		00	0	0	—	9.0	25	54	15	0
62402	QENA	270	5	7	00	0	0	—	7.3	28	33	10	0
62405	LUXOR	300	8	12	00	0	0	—	8.3	29	35	12	0
62414	ASWÂN	360	9	50	00	0	0	—	8.3	34	29	13	0
62417	SÎWA	00	0	35	00	0	0	—	14.4	26	55	16	0
62420	BAHARÎYA	360	5	15	02	0	0	—	12.7	25	47	13	0
62423	FARAFRA												
62432	DAKHLA	320	4	35	00	0	0	—	11.0	29	23	6	0
62435	KHARGA	00	0	15	00	0	0	—	10.4	28	45	15	0
62450	SUEZ	00	0	35	02	0	0	—	10.6	27	37	11	0
62459	TÛR	310	11	15	00	0	0	—	7.9				0
62462	HURGHÂDA	270	4		00	0	0	—	7.6	25	45	12	0
62465	QUSEIR	330	9	15	02	0	0	—	6.9	26	48	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 24th September,

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL mms. Total From Oct. 1st.	RAINFALL mms. Normal From Oct. 1st.
62300	SALUM	320	9	15	02	0	0	—	14.0		23	28		18		74	18	0		
62303	SÎDI BARÂNI	340	9	35	02	0	0	—	14.4		25	27		22		61	17	0	278	
62306	MATRÛH	330	8	18	00	0	0	—	12.0		24	28		20		61	16	0		
62309	EL DABA	340	8	15	00	0	0	—	13.2		24	26		22		61	16	0		
	ALEXANDRIA	310	10	50	02	1	7	Sc, Cu	11.6	-3.0	24	27	-3	21	-1	69	18	0	267	187
62318	FOUAD (Airport)	330	10	18	02	1	5	Sc	10.9		24	28		21		69	18	0	265	138
62330	DAMIETTA	280	5		11	2	6	Fs, Sc	11.4	-2.4	22	28		17		83	19	0	320	106
62333	PORT SAÏD	270	8	12	01	0	1	Sc	10.9		24	29		21		79	20	0	72	
62336	EL 'ARISH	220	2	35	02	0	0	—	11.4	-2.3	24	29	0	19	0	69	18	0		94
62339	DAMANHUR	270	5	7	02	0	0	—	12.0	-2.5	22	29	-2	17	-1	89	20	0	102	101
62342	MANSURA	220	5	35	00	1	0	—	11.1	-3.1	23	31	-1	17	-2	74	18	0	49	55
62348	TANTA	00	0	35	02	1	0	—	1. .	- .	21	30	-2	13	-4	83	18	0	34	44
62354	ZAGAZIG	320	2	15	00	0	0	—	11.0	-3.5	25	31	-1	18	+1	70	19	0	21	27
62441	ISMAÏLIA	250	2	35	03	1	3	Cu	10.8		23	32		20		74	18	0	14	
62366	FAROUK (Airport)	240	9	12	02	0	2	Sc	11.7		22			19		74	17	0		
62372	ALMÂZA	270	2	13	03	0	3	Cu	11.4	-2.7	22	30		19		78	18	0		
	EZBEKÎYA	310	4	15	00	0	4	Cu	11.9	-2.2	22	30	-2	20	+1	78	18	0	8	26
	GÎZA	310	4	15	00	0	4	Cu	12.3	-1.9	23	31	0	18	+1	68	16	0	16	27
62378	HELWÂN	00	0	15	00	0	1	St	11.8	-2.2	21	30	-2	19	-1	83	18	0	16	29
62381	FAIYÛM	330	2	35	03	2	7	St	12.0	-2.3	22	31	-2	19	0	83	19	0	8	8
62387	MINYA	260	2	10	03	2	6	Sc	12.7		21	31		15		74	16	0	5	
62393	ASYÛT MANQABÂD	340	6	30	00	0	0	—	12.1		22			17		69	16	0	dr.	
62399	NAG' HAMMÂDI	290	2		00	0	0	—	11.0	-0.5	25	32		18		70	19	0	0	
62402	QENA	240	5	35	00	0	0	—	9.8	-1.7	25	36	-1	21	0	47	13	0	dr.	
62405	LUXOR	00	0	30	00	0	0	—	10.0		27	35		19		45	14	0	dr.	
62414	ASWÂN	360	5	50	00	0	0	—	10.3	-0.3	25	39	0	21	-2	51	14	0	2	
62417	SÎWA	60	4	7	03	2	8	Ac	15.4	-0.6	21	33	-2	18	+1	50	10	0	1	8
62420	BAHARÎYA	360	2	35	02	0	0	—	13.8	-1.1	21	31	-2	16	-2	74	16	0	dr.	7
62423	FARAFRA																		dr.	
62432	DAKHLA	320	6	35	00	0	0	—	12.2	-1.0	22	32	-3	18	-2	44	9	0	dr.	
62435	KHARGA	360	1	35	00	0	0	—	11.6	-0.8	24	32	-4	20	-1	69	18	0	0	
62450	SUEZ	00	0	50	00	0	2	Cu	12.0	-0.9	23	31	-2	20	-1	65	16	0	12	17
62459	TÛR	40	4	35	00	0	0	—	8.2	-2.4	23	30	-1	20	-1	74	18	0	dr.	13
62462	HURGHADA	320	9		00	0	0	—	7.2		24	27		20		79	20	0	7	
62465	QUSEIR	360	9	15	02	0	0	—	7.7	-3.0	28	29	-3	23	-2	40	13	0	0	4
62641	PORT SÛDÂN	160	8	30	01	1	3	Ac	8.7		31	38		24		70	25	0	61	106
62600	WÂDI HALFA	30	3	30	00	0	0	—	11.4		25	37		20		36	9	0	27	
62640	ABU HAMAD	20	13	10	07	1	3	Ac, Ci	6.8		30	42		27		22	6	0		
62660	KAREIMA	360	9	30	01	1	4	Ac	8.5		30	42		26		21	5	0	89	27
62680	'ATBARA	200	5	30	02	2	5	Ac, Ci	7.0		32	42		26		28	11	0	46	69
62721	KHARTÛM	200	21	30	02	2	4	Ac, Ci	9.8		28	40		25		66	21	0	49	161
62730	KASSALA																		345	317
62751	WÂD MEDANI	180	9	50	02	8	8	Fs, Fc	11.4		23	39		22		89	21	7	246	389
62801	RENK																			604
62802	ROSEIRES																		564	798
62771	EL OBEID	180	9	30	01	2	5	Ac, Ci	10.9		25	38		24		70	19	9	306	359
62760	EL FÂSHER	30	3	30	01	0	3	Ci			26	38		20		45	13	0	177	308
62770	GENEINA	110	1	30	01	0	3	Ci			23	37		18		78	19	0		561
62840	MALAKÂL																		1211	807
62880	WÂU	130	4	30	01	2	3	Ac	11.5		25	33		22		79	21	dr.	1229	1071
62941	JUBA																		783	942

HUMIDITY % Mean of day

STATION	on 23rd	Diff from normal
Alexandria	70	+3
Ezbekiya	66	+1
Giza	66	-1
Helwân	58	+4

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

PRESSURE mbs.	HEIGHT ABOVE M.S.L. metres	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	88	29	46	340	5
950					
900					
850	1495	16	32	310	11
800					
700	3119	8		320	17
600					
500	5816	-7		290	17
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 23rd.

HEIGHT m.	Fouad A.P. DIR.	Fouad A.P. VEL.	Port Said DIR.	Port Said VEL.	Hurghada DIR.	Hurghada VEL.
TIME	15		15		15	
300	320	20	310	13	340	40
600	310	27	280	16	320	34
1000	310	34	280	13	320	23
1500	320	27	300	10		
2000	330	10	330	9		
3000			360	12		
4000						
5000						
6000						
7000						
8000						

UPPER WIND OBSERVATIONS on 24th

HEIGHT m.	SÎDI BARÂNI DIR.	SÎDI BARÂNI VEL.	MATRÛH DIR.	MATRÛH VEL.	FOUAD AIRPORT DIR.	FOUAD AIRPORT VEL.	PORT 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.	Gîza DIR.	Gîza VEL.
TIME	9		4		3		3				9 15				9				5		9		8	
300	340	17			330	14	290	8			290	8			320	9			350	8	350	23	290	6
600	350	23	320	17	330	16	320	5			270	8			330	14			350	20	320	13	300	3
1000	360	24	340	24	310	13	330	4							330	15			10	12	300	17	320	5
1500	360	23	350	23	310	10	320	8							340	19			360	6	300	17	330	11
2000	360	16	350	18	320	14	350	13							340	10			240	19	280	9	320	11
3000	50	11			310	10									300	7					260	13	310	9
4000					300	12															240	11		
5000																					250	13		
6000																					250	23		
7000																					220	19		
8000																								

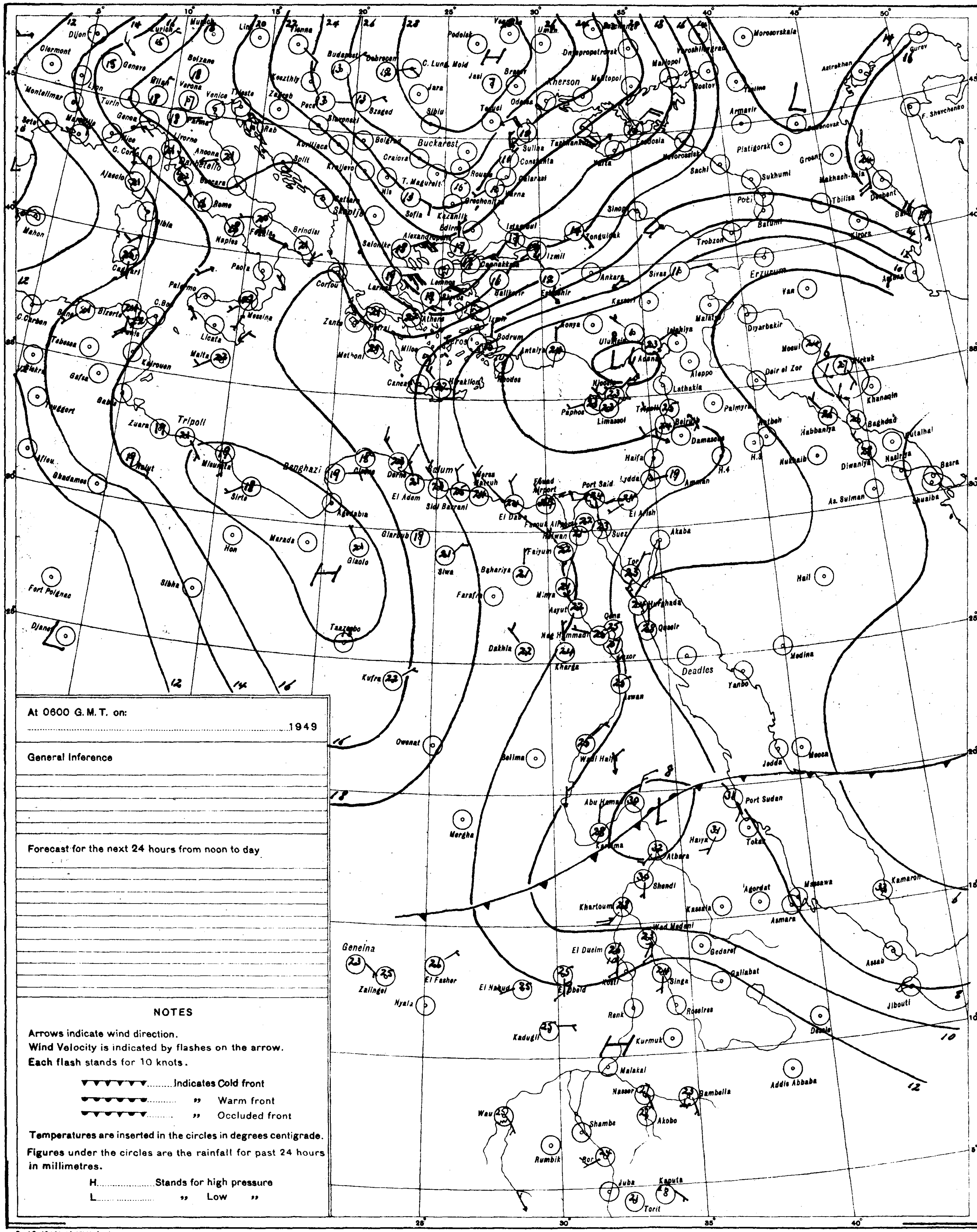
HEIGHT m.	SÎWA DIR.	SÎWA VEL.	BAHARÎYA DIR.	BAHARÎYA VEL.	DAKHLA DIR.	DAKHLA VEL.	KHARGA DIR.	KHARGA VEL.	WÂDI HALFA DIR.	WÂDI HALFA VEL.	ABÛ HAMAD DIR.	ABÛ HAMAD VEL.	KAREIMA DIR.	KAREIMA VEL.	KHARTÛM DIR.	KHARTÛM VEL.	KASSALA DIR.	KASSALA VEL.	EL OBEID DIR.	EL OBEID VEL.	EL FÂSHER DIR.	EL FÂSHER VEL.	MALAKÂL DIR.	MALAKÂL VEL.
TIME	9		9		9		7		4												4 45		4	
300	280	8	320	21	320	10	360	10																
600	310	8	320	26	320	10	350	22															20	13
1000	360	9	320	20	330	23	340	22	350	19													50	11
1500	330	7	340	23					330	13													60	28
2000	350	14	330																					
3000	340	10							240	23													110	10
4000	300	7																						
5000	270	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 SATURDAY 24 :4: 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 } Thunderstorm during the past hour 91
Hail } 93
Thunderstorm with rain 95
,, ,, hail 96
,, ,, Sandstorm 98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless 0
1/8 of sky coverd or trace of cloud 1
2/8 th ,, ,, ,, ... 2
3/8 ,, ,, ,, ,, ... 3
4/8 ,, ,, ,, ,, ... 4
5/8 ,, ,, ,, ,, ... 5
6/8 ,, ,, ,, ,, ... 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 45 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 : Sunday 25th September, , 1949

At 1200 on Satur 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	RAIN PAST 12 hrs mms.
MEDITERRANEAN	62300	SALÛM	360	8	7	03	0	1	ac	14.0	27	55	17	0
	62303	SÎDI BARÂNI	40	12		02	0	3		14.6	26	62	18	0
	62306	MATRÛH	10	16	18	00	0	0	—	13.4	26	51	15	
	62309	EL DABA	340	12	15	02	2	2	Cu	11.2	26	48	12	0
		ALEXANDRIA	310	14	50	02	2	7	Cu,Sc	11.5	25	61	17	
	62318	FOUAD (Airport)	340	13	18	01	1	3	Sc	10.9	27	65	17	0
	62330	DAMIETTA	360	2	15	00	0	0	—	10.6	26	70	20	0
	62333	PORT SAÏD	360	4	30	02	0	0	—	10.3	26	62	18	0
	62336	EL 'ARISH	340	2	35	02	0	0	—		26	62	18	0
LOWER EGYPT	62339	DAMANHUR	360	9	15	02	1	2	Cu	11.8	27	62	19	0
	62342	MANSURA	320	5	35	02	1	2	ac	10.3	30	40	15	0
	62348	TANTA	220	2	35	02	0	0	—	12.2	30	46	17	0
	62354	ZAGAZIG	320	5	35	00	0	0	—	10.3	31	49	19	0
	62441	ISMAÏLIA	320	2	35	02	1	2	Cu	10.0	30	40	15	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMÂZA	270	8	30	00	0	0	—	10.4	28	49	16	0
		EZBEKÎYA	340	5	35	00	0	0	—	10.3	30	43	16	0
		GÎZA	340	5	35	00	0	0	—	11.1	31	41	17	0
	62378	HELWÂN	00	0	35	02	0	0	—	10.3	28	40	13	0
UPPER EGYPT	62381	FAIYÛM	360	5	35	01	0	0	—	10.4	29	40	14	0
	62387	MINYA	20	11	12	00	2	0	—	10.6	31	31	12	0
	62393	ASYÛT MANQABÂD	300	6	30	00	0	0	—	10.1	30	29	10	
	62399	NAG' HAMMÂDI	270	3	7	00	0	0	—	8.7	31	43	17	0
	62402	QENA	240	9	50	00	0	0	—	7.6	33	34	15	0
	62405	LUXOR												
	62414	ASWÂN	340	2	50	00	0	0	—	8.0	34	29	13	0
OASES	62417	SÎWA	00	0	35	00	0	0	—	15.1	29	35	12	0
	62420	BAHARÎYA	360	3	35	02	0	0	—	12.4	31	43	17	0
	62423	FARAFRA												
	62432	DAKHLA	340	9	50	00	0	0	—		31	17	3	
	62435	KHARGA	360	5	35	00	0	0	—	10.6	32	34	14	0
RED SEA	62450	SUEZ	00	0	50	01	0	0	—	9.8	30	40	15	0
	62459	TÛR	310	9	35	00	0	0	—	6.6	28	62	20	0
	62462	HURGHÂDA	350	10		00	0	0	—	7.0	27	74	22	0
	62465	QUSEIR	360	9	15	02	0	0	—	7.2	28	62	20	0
	62641	PORT SUDÂN	360	15	30	02	0	2	Cu,Ac	5.3	35	35	17	
NORTH SÛDÂN	62600	WÂDI HALFA												
	62640	ABU ḤAMAD	360	3	30	03	1	3	Cu,Cl	3.5	40	14	8	
	62660	KAREIMA	310	9	30	00	0	0	—	5.2	38	15	7	
	62680	'ATBARA	250	5	30	00	1	0	—	2.2	37	12	5	
	62721	KHARTÛM	270	8	30	01	2	2	ac	5.5	37	22	11	
	62780	KASSALA	180	2	30	00	1	1	Cu	6.1	37	33	18	
CENTRAL SÛDÂN	62751	WÂD MEDANI	180	5	35	02	2	8	as	8.6	32	43	18	
	62801	RENK												
	62802	ROSEIRES												
	62771	EL OBEID	270	6	30	18	1	7	Sc,Cu	5.9	33	41	18	
	62760	EL FÂSHER	80	3	30	03	1	7	Ci		35	18	7	
	62770	GENEINA	200	1	30	02	1	7	Cu,Ci		35	23	11	
S. SÛDÂN	62840	MALAKÂL	90	6	30	03	2	8	Cb,as	8.0	29	66	22	
	62880	WÂU	180	4	30	03	0	7	Cb,ac	7.6	33	47	20	
	62941	JUBA												

At 1800 on Satur 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
SALUM	320	5	15	02	0	0	—	14.7	25	61	17
SIDI BARANI	360	6	15	02	0	0	—	15.2	23	74	18
MATRUH	10	14	12	00	0	0	—	14.2	23	65	16
EL DABA	340	11	7	00	0	0	—	13.1	24	61	16
ALEXANDRIA	330	10	7	01	2	3	Cu,Sc	12.6	23	74	18
FOUAD (Airport)	340	14	12	01	1	4	Sc	11.7	23	74	18
DAMIETTA	320	2		00	0	0	—	11.2	23	84	20
PORT SAID	360	11	14	02	0	1	—	11.0	24	74	19
EL 'ARISH	360	2	15	02	0	0	—	12.2	24	74	19
DAMANHUR	360	5	15	02	0	0	—	11.8	21	83	18
MANSURA	360	5		00	1	0	—	11.6	23	74	18
TANTA	270	2	35	02	0	0	—	11.3	22	78	17
ZAGAZIG	320	2	35	00	0	0	—	11.4	23	74	18
ISMAILIA	360	5	35	01	0	0	—	11.0	24	74	19
ALMAZA	340	6	12	00	0	0	—	11.0	24	74	19
EZBEKIYA	340	3	15	00	0	0	—	11.2	24	69	18
GIZA	340	3	15	00	0	0	—	11.1	23	68	16
HELWAN	320	5	15	02	0	0	—	11.1	25	54	15
FAIYUM	360	2	35	02	0	0	—	10.7	25	61	17
MINYA	00	0	10	00	0	0	—	10.8	22	61	14
ASYUT MANQABAD											
NAG' HAMMADI	290	2		00	0	0	—	8.5	28	45	15
QENA	240	5	7	00	0	0	—	8.2	26	49	14
LUXOR	00	0	12	00	0	0	—	8.3	28	42	14
ASWAN	360	4	50	00	0	0	—	7.9	31	31	12
SIWA	00	0	35	00	0	0	—	16.8	25	70	19
BAHARIYA	360	2	15	02	0	0	—	12.4	25	54	15
FARAFRA											
DAKHLA	340	13	35	00	0	0	—	11.4	26	42	12
KHARGA	360	1	15	00	0	0	—	10.6	26	37	10
SUEZ	360	7	35	02	0	0	—	10.3	26	55	16
TUR	310	9	15	00	0	0		8.4			17
HURGHADA	310	3		00	0	0	—	7.3	26?	84	24
QUSEIR	180	5	15	02	0	0	—	7.3	26	62	18
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 25th September,

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C	RAINFALL mms. Past 24 hrs.	RAINFALL mms. Total From Oct. 1st.	RAINFALL mms. Normal From Oct. 1st.
SALUM	20	11	15	03	2	5	Cu	15.4		24	28		19		61	16	0		
SIDI BARANI	360	6	35	03	1	4	Cu	14.4		23	26		21		74	18	0	478	
MATRUH	30	17	18	03	1	4	Cu	14.9		23	28		20		65	16	0		
EL DABA	340	8	7	03	2	5	Sc	13.1		23	26		21		65	16	0		
ALEXANDRIA	360	4	50	01	1	3	Cu,Sc	13.4	-1.3	23	27	-3	22	0	74	18	0	247	187
FOUAD (Airport)	360	12	14	02	1	4	Sc	13.0		24	28		21		69	18	0	265	136
DAMIETTA	320	2		41	0	1	Cu	13.0	-0.9	24	28		18		74	19	0	320	106
PORT SAID	320	3	15	03	0	4	Sc	12.5		24	28		22		69	18	0	72	
EL 'ARISH	00	0	35	03	1	1	Cu	12.6	-1.2	22	28	-1	17	-2	74	17	0		94
DAMANHUR	360	5	7	02	0	0	—	13.1	-1.5	22	28	-3	17	-1	83	19	0	102	101
MANSURA	180	2	35	00	1	0	—	12.8	-1.5	24	31	-1	17	0	74	19	0	49	55
TANTA	270	2	35	01	1	3	Cu	12.3	-2.3	21	30	-2	14	-3	88	19	0	34	40
ZAGAZIG	320	2	15	00	0	0	—	12.6	-2.1	23	31	-1	17	0	84	20	0	21	27
ISMAILIA	270	2	35	01	1	3	ac	12.4		22	31		19		83	19	0	14	
FAROUK (Airport)																			
ALMAZA	330	5	12	03	2	7	Sc	13.2	-1.0	21	30		20		88	19	0		
EZBEKIYA	340	3	15	00	0	6	Sc	13.1	-1.1	22	30	-2	19	0	78	18	0	8	26
GIZA	340	3	15	00	0	6	Sc	12.9	-1.4	21	32	+1	16	-1	74	16	0	16	27
HELWAN	00	0	7	00	1	5	Sc	13.1	-1.0	21	30	-2	18	-2	83	18	0	16	29
FAIYUM	360	5	35	02	0	0	—	13.6	-0.8	22	30	-3	18	-1	83	19	0	8	8
MINYA	360	10	10	03	1	4	Sc	12.9		20	31		16		83	17	0	5	
ASYUT MANQABAD	340	2	30	02	0	4	Cb	13.2		20			17		78	16	0	dr.	
NAG' HAMMADI	290	2		00	0	0	—	11.5	-0.1	25	31		19		61	17	0	0	
QENA	290	5	35	00	0	0	—	11.1	-0.5	25	34	-3	21	0	54	15	0	dr.	
LUXOR											34							dr.	
ASWAN	360	3	50	00	0	0	—	11.0	+0.3	25	35	-4	20	-3	61	17	0	2	
SIWA	00	6	35	00	0	0	—	16.7	+0.6	22	32	-2	16	-1	57	13	0	1	8
BAHARIYA	360	5	35	02	0	0	—	14.3	-0.7	21	31	-2	18	0	83	18	0	clr.	7
FARAFRA																		dr.	
DAKHLA	360	3	35	00	0	0	—	13.0	-0.3	22	31	-1	18	-2	57	13	0	dr.	
KHARGA	40	2	35	00	0	0	—	12.2	-0.3	24	32	-4	18	-3	61	16	0	0	
SUEZ	00	0	50	00	0	4	Cu	12.8	-0.2	24	33	0	20	-1	69	18	0	12	17
TUR	40	2	35	00	0	0	—	9.3	-1.4	24	31	0	19	-2	69	18	0	dr.	13
HURGHADA	310	6		00	0	0	—	8.9		25	28		20		74	20	0	7	
QUSEIR	330	9	15	02	0	0	—	8.3	-2.5	28	29	-3	23	-2	45	15	0	0	4
PORT SUDAN	270	4	30	03	1	5	Ac	6.4		31	37		25		55	21	0	61	106
WADI HALFA	350	1	30	03	0	1	Ac	11.6		23	35		18		36	7	0	27	
ABU HAMAD	360	9	30	03	2	8	Cs	6.4		30	41		24		18	3	0		
KAREIMA	20	11	30	00	0	2	Ac	9.6		28	39		24		22	4	0	89	27
'ATBARA	310	5	30	02	2	8	Cs	9.3		29	40		24		22	5	0	46	69
KHARTUM	360	4	30	02	0	1	Ac			31	39		23		24	8	0	49	161
KASSALA	200	2	20	21	1	8	Ac,Cs	11.5		27	39		22		66	20	3	348	319
WAD MEDANI	200	5	50	02	0	2	Ci	10.2		26	33		21		79	22	0	246	391
RENK	230	2	50	01	1	4	Sc	11.1		26	33		21		74	21	0		506
ROSEIRES																		567	800
EL OBEID	290	9	30	03	0	4	Ac,Ci	9.8		27	34		22		68	18	0.1	306	361
EL FASHER	00	0	30	03	1	7	Ac,Ci			25	37		19		65	18	0	177	309
GENEINA	00	0	30	02	1	7	Ac,Ci			21	36		18		65	16	0		562
MALAKAL	130	6	30	04	1	5	Sc,Cu	11.7		23	30		21		95	22	dr.	1211	811
WAU	00	0	30	03	1	5	Sc,Ac	11.6		22	34		20		95	21	dr.	1229	1076
JUBA	00	6	30	03	2	5	Ac	11.2		25	28		19		79	21	0	783	945

HUMIDITY % Mean of day

STATION	on 24th	Diff. from normal
Alexandria	65	-2
Ezbekiya	67	+2
Giza	63	-4
Helwân	64	+10

GÎZA
GRASS MINIMUM TEMP. ON 25th 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 24th At 15th

PRESSURE mbs.	HEIGHT ABOVE Metres	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	88	29	37	330	10
950					
900					
850	1500	17	32	310	10
800					
700	3130	9		280	17
600					
500	5843	-5		270	40
400		-18			
300	9634	-33		270	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 24th

STATION	Matruh		Foad A.P.		Pt Said		Luxor		Hurghada	
TIME	15		15		15		15	15	15	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	340	30	320	23	340	17	310	11	340	23
600	330	30	320	18	320	17	300	9	340	17
1000	340	26	320	16	280	17	320	12	340	18
1500	340	28	340	12	300	8	10	12	300	16
2000			330	11	260	7	350	6	290	15
3000									280	13
4000									250	12
5000									250	11
6000										
7000										
8000										

UPPER WIND OBSERVATIONS on 25th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA	
TIME	9		4		3		3				9	15			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.
300	340	4	340	25	350	12	300	6			320	8			320	15			350	4	340	27
600	340	5	340	31	340	15	290	5			350	14			340	17			350	17	320	15
1000	340	8	350	27	340	12	280	7			30	3			340	17			30	13	300	21
1500	330	8			340	9	10	6			40	5			360	10			360	9	250	16
2000							320	2							340	9			230	5	240	11
3000																						
4000																						
5000																						
6000																						
7000																						
8000																						

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABU ḤAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7		4		3						3	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	40	11	360		330	19	360	10	10	13														
600	40	6	360		330	18	350	16	10	26	360	23					170	9						
1000	20	8	360		340	13	340	21	10	16	10	17					300	4	320	14	310	6		
1500	10	12			330	12	360	18	10	21	300	12					10	5	10	15	100	4		
2000	10	13					10	10													60	13		
3000	10	15					30	6	290	5	190	7					50	8	60	15	80	15		
4000	350	13							310	5														
5000																					80	11		
6000																								
7000																								
8000																								

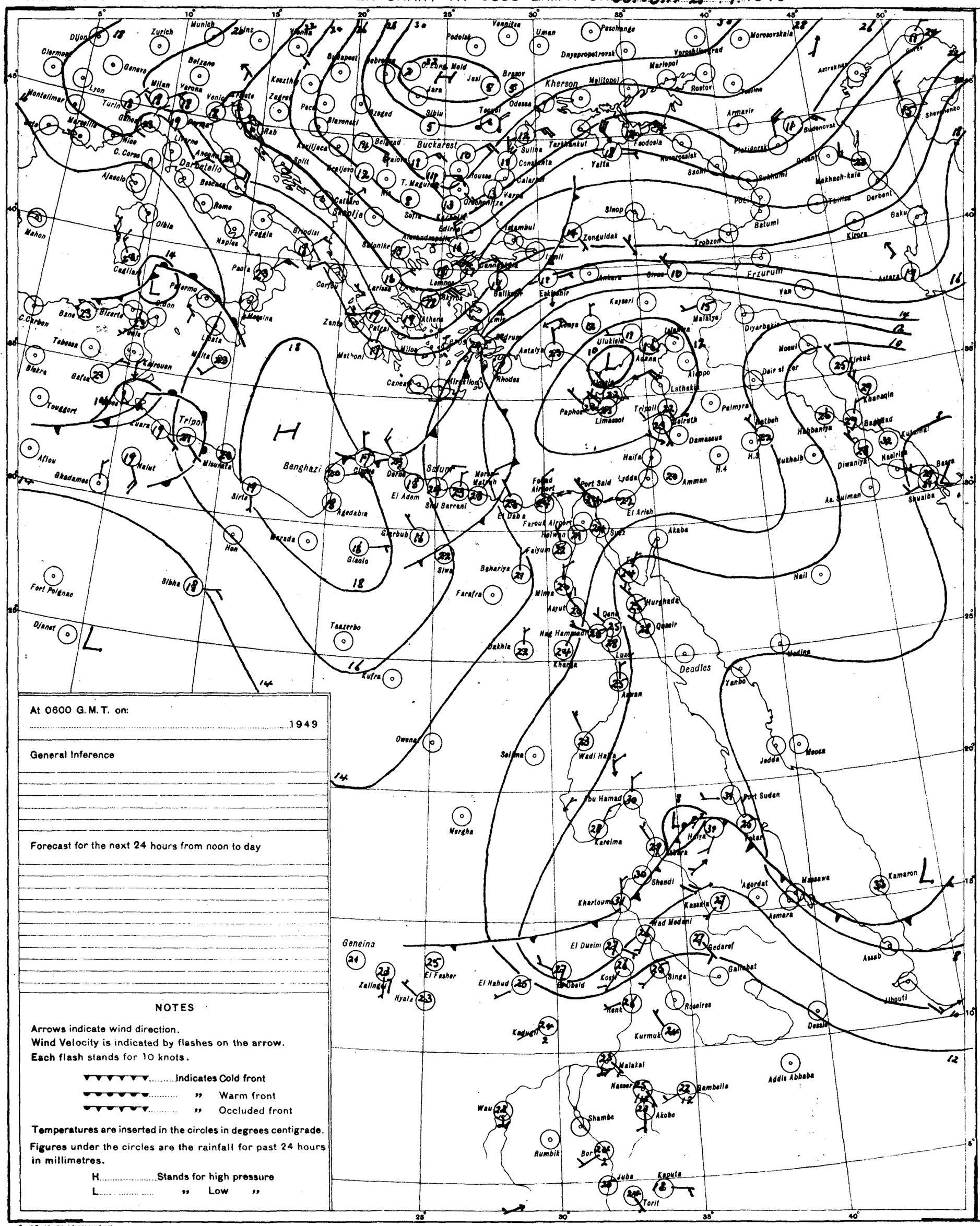
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

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

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON SUNDAY 25th. 9. 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	R
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,
	Rain	21	•
	Showers of rain	25	•
	,, ,, hail	27	▲
	Fog	28	≡
	Thunderstorm	29	R
Duststorm or Sandstorm		31	≡
Fog		45	≡
Drizzle		50	,
Rain		50	•
Showers of rain		80	•
,, ,, hail		87	▲
Rain / Hail — Thunderstorm during the past hour		91	R• / R▲
Thunderstorm with rain		95	R
,, ,, hail		96	R
,, ,, Sandstorm		98	R

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

Cloudless		—	○
Cirrus	Ci	1	⌇
Cirrostratus	Cs	2	⌇
Cirrocumulus	Cc	3	⌇
Altocumulus	Ac	4	⌇
Altostratus	As	5	⌇
Stratocumulus	Sc	8	◌
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 45 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 : Monday 26th September, , 1949

At 1200 on Sun. 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	13	7	01	2	2	Ac	16.0	25	61	17
	62303	SIDI BARANI	360	8	35	02	1	4	Cu	16.8	25	64	17
	62306	MATRUH	10	15	18	02	1	3	Cu	16.2	25	58	16
	62309	EL DABA	340	9	15	02	1	2	Cu	16.8	25	61	17
		ALEXANDRIA	310	15	50	03	1	6	Sc,Cu	13.8	24	69	18
	62318	FOUAD (Airport)	340	13	10	02	1	4	Cu	13.4	26	37	10
	62330	DAMIETTA	340	5	15	02	0	1	Cu	12.7	26	62	18
	62333	PORT SA'ID	20	5	18	02	0	1	Sc	12.4	26	62	18
	62336	EL 'ARISH	320	2	35	02	1	1	Cu	12.1	26	70	20
LOWER EGYPT	62339	DAMANHUR	360	9	15	02	1	2	Cu	13.3	27	66	20
	62342	MANSURA	320	5	35	03	1	4	Cu	12.4	31	38	15
	62348	TANTA	310	6	35	01	1	4	Cu	13.1	29	46	16
	62354	ZAGAZIG	320	2	35	02	1	2	Ac	12.0	30	52	19
	62441	ISMAILIA	220	2	35	01	1	2	Cu	11.1	31	38	15
CAIRO AREA	62366	FAROUK (Airport)	290	12	30	02	1	1	Cu	12.6	30?	43	16
	62372	ALMAZA	360	8	30	00	0	0	—	11.7	29	55	19
		EZBEKIYA	340	6	35	00	0	0	—	11.8	29	46	16
		GIZA	340	6	35	00	0	0	—	12.4?	29	39	14
	62378	HELWAN	340	5	15	02	0	0	—	11.5	29	35	12
UPPER EGYPT	62381	FAIYUM	360	8	35	02	0	0	—	11.5	29	40	14
	62387	MINYA	30	9	12	00	0	0	—	11.8	29	40	14
	62393	ASYUT MANQABAD	320	4	30	00	0	0	—	10.5	30	35	13
	62399	NAG' HAMMADI	270	4	7	00	0	0	—	8.8	31	49	19
	62402	QENA	290	5	50	00	0	0	—	8.4	35	32	16
	62405	LUXOR	00	0	30	00	0	0	—	8.0	34	30	14
	62414	ASWAN	340	7	50	00	0	0	—	7.2	35	30	15
OASES	62417	SIWA	00	0	35	00	0	0	—	17.0?	31	38	15
	62420	BAHARIYA	360	3	35	02	0	0	—	12.8	29	46	16
	62423	FARAFRA											
	62432	DAKHLA	320	11	50	00	0	0	—	11.5	29	46	16
	62436	KHARGA	360	2	35	00	0	0	—	10.7	31	38	15
RED SEA	62450	SUEZ	360	4	50	01	0	0	—	11.1	30	35	13
	62459	TOR	310	11	35	00	0	0	—	9.7	28	70	22
	62462	HURGHADA	340	11		00	0	0	—	7.7	27	79	23
	62465	QUSEIR	360	9	15	02	0	0	—	7.7	28	62	20
	62641	PORT SUDAN	360	15	10	07	1	4	Cu,Ci	5.9	34	44	20
NORTH SUDAN	62600	WADI HALFA	20	13	50	02	0	1	Ci	7.9	34	16	5
	62640	ABU HAMAD	310	3	30	01	1	1	Ci	4.9	38	11	3
	62660	KAREIMA	350	8	30	00	0	—	—	6.9	36	12	2
	62680	'ATBARA	310	2	30	02	2	7	Cs	3.6	39	23	14
	62721	KHARTUM	290	4	30	03	0	4	Ci	5.2	38	10	1
	62730	KASSALA	180	2	30	01	1	4	Cu,Ac	5.5	36	37	19
CENTRAL SUDAN	62751	WAD MEDANI	230	5	35	01	1	4	Cu	4.8	35	39	19
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	70	13	30	03	1	4	Cu,Ci	4.9	35	18	7
	62760	EL FASHER	140	8	30	02	1	6	Cu,Ci		35	20	10
	62770	GENEINA	240	5	30	02	1	7	Cu,Ci		33	38	17
S. SUDAN	62840	MALAKAL	230	4	30	01	2	7	Cu,Ci	7.8	30	59	21
	62880	WAU	180	1	30	03	2	7	Cu,Ac	8.4	29	62	21
	62941	JUBA	20	2	30	03	1	5	Cu,Ac	6.7	31	49	19

At 1800 on Sun. 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	320	3	15	03	0	3	Cu	16.7	23	65	16	0
SIDI BARANI	360	10	15	01	0	2	Cu	16.1	22	65	15	0
MATRUH												
EL DABA												
ALEXANDRIA	340	8	7	02	1	2	Ac		22	65	15	0
FOUAD (Airport)	330	11	15	01	2	3	Sc,Cu	14.3	22	74	17	0
DAMIETTA	360	13	12	01	1	4	Sc	14.3	22	57	17	0
PORT SA'ID	320	5		00	0	0	—	13.3	23	74	18	0
EL 'ARISH	360	2	15	02	1	1	Cu	11.0	24	69	18	0
DAMANHUR	360	9	15	02	0	0	—	14.3	22	83	19	0
MANSURA	320	5		00	1	0	—	13.8	22	83	19	0
TANTA	00	0	35	01	1	4	Cu	14.2	21	74	16	0
ZAGAZIG	320	2	35	00	1	0	—	13.3	22	83	19	0
ISMAILIA	320	2	35	01	1	1	Cu	12.6	24	69	18	0
FAROUK (Airport)												
ALMAZA												
EZBEKIYA	360	3	15	00	0	0	—	13.8	23	65	16	0
GIZA	360	3	15	00	0	0	—	14.2?	23	66	16	0
HELWAN	340	13	15	02	0	0	—	12.6	24	61	16	0
FAIYUM	360	2	35	02	0	0	—	11.9	25	61	17	0
MINYA	00	0	10	00	0	0	—	11.5	22	61	14	0
ASYUT MANQABAD												
NAG' HAMMADI	00	0		00	0	0	—	9.5	25	61	17	0
QENA	270	2	7	00	0	0	—	8.4	26	55	16	0
LUXOR	00	0	12	00	0	0	—	8.8	28	45	15	0
ASWAN	00	0	50	00	0	0	—	8.0	32	28	11	0
SIWA	00	0	35	00	0	0	—	17.8	28	70	22	0
BAHARIYA	360	6	15	02	0	0	—	13.8	24	57	15	0
FARAFRA												
DAKHLA	320	15	35	00	0	0	—	11.2	26	30	7	0
KHARGA	360	1	15	00	0	0	—	10.7	27	37	11	0
SUEZ	360	9	50	02	0	0	—	12.4	25	54	15	0
TOR	310	2	15	00	0	0	—		27	62	19	0
HURGHADA	300	13		00	0	0	—	8.3	29?	55	17	0
QUSEIR	20	5	15	00	0	0	—	7.5	26	55	16	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 26th September,

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL mms. Total From Oct. 1st.	RAINFALL mms. Normal From Oct. 1st.
SALUM	360	3	15	01	2	4	Cu,Ac	17.5		23	26		17		50	12	0		
SIDI BARANI	20	5	35	03	1	3	Sc,Cu	17.8		23	25		21		61	15	0	278	
MATRUH	30	11	14	03	2	5	Cu	17.0		23			20		57	14	0		
EL DABA	340	6	7	03	2	6	Sc			22			20		65	15	0		
ALEXANDRIA	40	3	50	01	1	3	Cu,Sc	15.5	+0.7	23	27	-2	21	-1	61	15	0	267	187
FOUAD (Airport)	340	9	14	01	1	3	Cu	15.1		24	28		20		57	15	0	265	138
DAMIETTA	220	5	3	03	0	2	Cu	14.8	+0.8	24	27		18		69	18	0	320	106
PORT SA'ID	340	5	15	01	1	1	Sc	14.5		24	28		23		69	18	0	72	
EL 'ARISH	220	2	35	02	1	1	Cu	14.4	+0.5	23	28	-1	17	-2	84	20	0		94
DAMANHUR	40	5	7	01	1	3	Cu	15.2	+0.5	22	28	-3	17	-1	74	17	0	102	101
MANSURA	190	5	35	00	0	0	—	15.2	+0.8	23	31	-1	19	0	65	16	0	49	55
TANTA	270	2	35	02	1	0	—	14.9	+0.2	20	29	-3	13	-4	83	17	0	34	44
ZAGAZIG	320	2	15	00	0	0	—	14.8	0.0	23	31	-1	16	-1	74	18	0	21	27
ISMAILIA	320	2	35	03	1	3	Cu	14.6		24	32		19		69	18	0	14	
FAROUK (Airport)	40	6	12	01	0	1	Cu	15.6		20			13		83	17	0		
ALMAZA	10	6	13	01	1	1	Sc	15.2	+0.9	21			17		83	18	0		
EZBEKIYA	340	3	15	00	0	0	—	15.5	+1.2	22	30	-2	18	-1	69	16	0	8	26
GIZA	340	3	15	00	0	0	—	15.0	+0.6	22	30	-1	17	0	72	17	0	16	27
HELWAN	340	10	15	00	0	1	St	15.2	+1.0	21	29	-3	18	-2	74	16	0	16	29
FAIYUM	360	8	35	02	0	0	—	15.6	+1.1	22	30	-3	18	-1	74	17	0	8	8
MINYA	10	10	12	00	0	0	—	15.1		21	30	—	18		74	16	0	5	
ASYUT MANQABAD	270	3	30	02	0	3	Cu	14.8		21			17		78	17	0	dr.	
NAG' HAMMADI	340	2	7	00	0	0	—	11.5	-0.2	25	32		19		65	18	0	0	
QENA	340	8	35	00	0	0	—	12.2	+0.4	24	37	0	21	0	57	15	0	dr.	
LUXOR											35							dr.	
ASWAN	340	8	50	00	0	0	—	11.6	+0.8	25	36	-3	22	-1	58	16	0	2	
SIWA	00	0	35	00	0	0	—	19.2	+3.0	21	32	-2	16	-1	65	14	0	1	8
BAHARIYA	360	3	35	02	0	0	—	16.3	+1.2	19	30	-3	16	-1	88	17	0	dr.	7
FARAFRA																		dr.	
DAKHLA	320	10	35	00	0	0	—			21	32	-3	19	-1	74	16	0	dr.	
KHARGA	360	4	35	00	0	0	—	14.4	+1.8	23	32	-4	20	0	74	18	0	0	
SUEZ	00	0	50	00	0	2	Cu	15.0	+1.9	24	31	-2	19	-2	69	18	0	12	17
TOR	40	3	35	00	0	0	—	10.8	0.0	24	31	0	19	-2	64	18	0	dr.	13
HURGHADA	320	22?		00	0	0	—	10.3		24	27		20		79	20	0	7	
QUSEIR	360	13	15	02	0	0	—	11.0	+0.1	27	29	-3	23	-2	52	16	0	0	4
PORT SUDAN	290	6	50	03	0	1	Ac	9.4		32	36		25		66	25	0	61	106
WADI HALFA	360	6	30	00	0	0	—	12.1		24	35		19		36	8	0	27	
ABU HAMAD	290	5	30	02	0	2	Ac,Ci	9.4		31	39		22		11	-3	0		
KAREIMA	360	11	30	01	1	4	Ci	10.5		29	37		20		25	7	0	89	27
'ATBARA	200	5	30	03	2	7	Ac,Ci	9.8		28	40		24		29	8	0	46	69
KHARTUM	20	1	30	02	0	2	Ac,Ci	10.6		30	39		22		13	-1	0	49	162
KASSALA	160	5	30	00	9	0	—	11.0		26	38		21		70	20	3	351	320
WAD MEDANI	130	9	50	00	9	2	Ci	10.4		27	37		21		45	14	4	250	592
RENK																			508
ROSEIRES	180	2	50	02	1	4	Sc	11.1		25	35		21		84	22	13	582	802
EL OBEID	300	8	15	03	0	3	Ac,Ci	10.8		26	36		21		66	19	0	306	363
EL FASHER	30	3	30	01	0	3	Ci			25	36		21		51	14	0	177	309
GENEINA	310	4	30	02	1	7	Ac,Ci			25	35		20		54	15	dr.		563
MALAKAL	00	0	30	03	2	8	Ac	10.9		26	31		24		84	23	dr.	1211	814
WAU	130	5	30	01	2		Ac	15.2		24	31		21		79	20	1	1230	1081
JUBA	230	2	30	02	6	8	Sc,Ac	13.7		22	32		21		75	22	4	787	948

HUMIDITY

Mean of day

STATION	on 25th %	Diff. from normal
Alexandria	69	+2
Ezbekiya	67	+2
Giza	65	-3
Helwan	68	+14

GIZA GRASS MINIMUM TEMP ON 26th 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 — AIRPORT

On 25th At 15 h

PRESSURE mbs.	HEIGHT ABOVE M.S.L. metres	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000		29		350	13
950					
900					
850	1506	15		350	8
800					
700	3134	9		290	8
600					
500	5831	-6		250	21
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 25th

STATION	Matruh				Foad A.P.				Port Said				Hurghada											
TIME	14 30				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	360	12			330	9			350	9			330	22										
600	340	16			330	13			340	9			350	27										
1000	320	17			340	16			320	6			350	27										
1500	330	22			340	11			350	4			280	12										
2000	320	22			340	21			320	7			300	16										
3000													290	13										
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 26th

STATION	SIDI BARANI		MATRUH		ROUAD AIRPORT		PORT SA'ID		EL 'ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA		Almaza	
TIME	9		4		5		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	340	8	10	18	330	18	330	10											10	10	330	26	340	13
600	340	9	350	13	340	13	350	6											20	18	310	16	350	13
1000	320	8	350	16	340	10	80	3											80	25	280	13	10	7
1500	260	10	340	33?	310	14	280	7											200	10	280	10	10	9
2000	330	18	330	16	260	11	200	5											170	4	250	3	210	3
3000																							270	9
4000																								
5000																								
6000																								
7000																								
8000																								

STATION	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME	9		9		9		7		4												5		4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	350	16	340	30	340	24	360	10	10	9														
600	330	16	350	32	350	33	10	16	20	26													270	7
1000	320	9	340	47?	340	39	10	16	360	17											50	6	240	7
1500	310	6	140	12			20	10	360	8											50	9	200	5
2000	310	10	360	27			360	3															50	3
3000			340	36					80	10													60	6
4000									90	11														
5000																								
6000																								
7000																								
8000																								

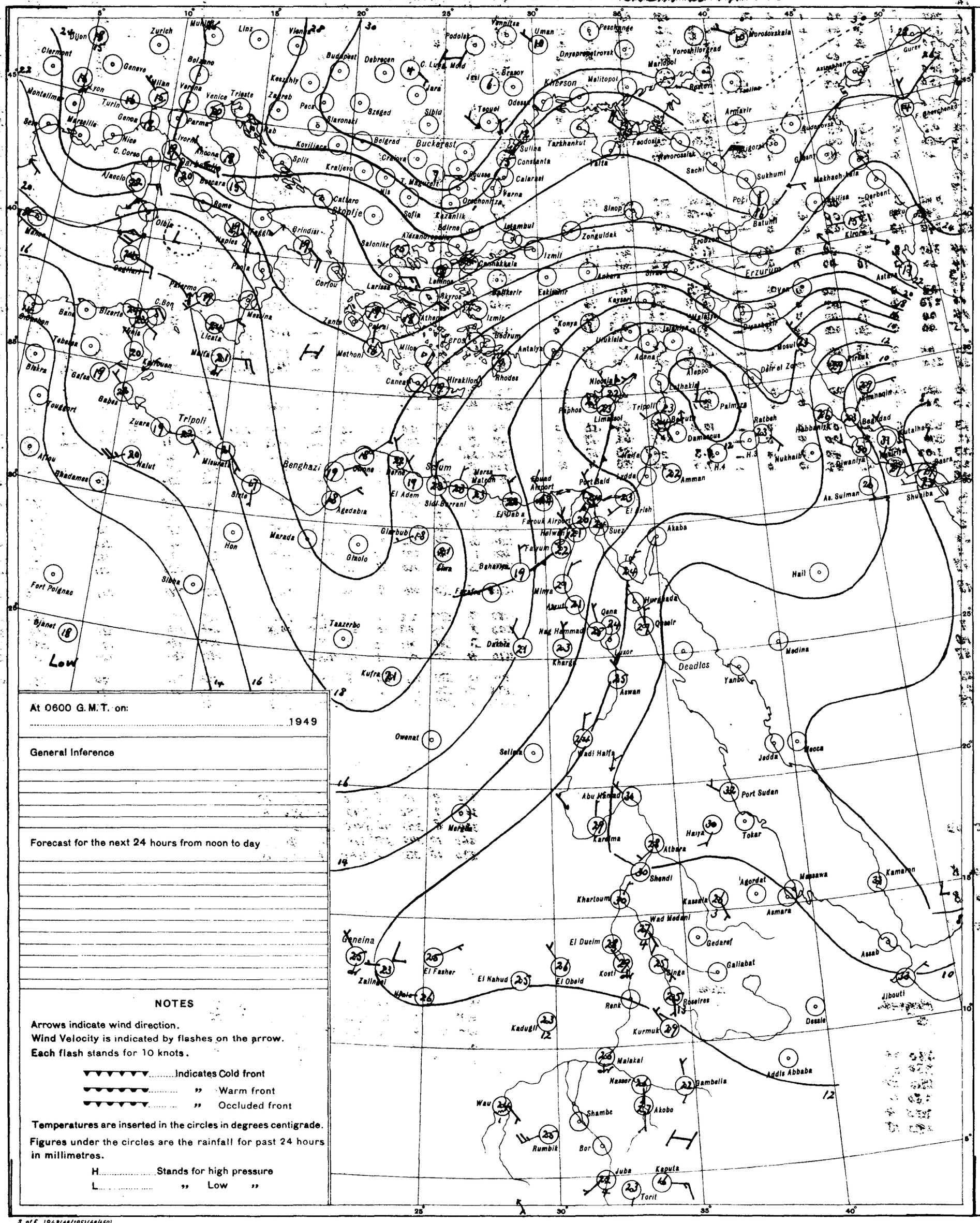
Remarks: 1- Wind Direction in degrees east of North.
2- " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 MONDAY 26th. 9. 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	∽
	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	(•)
Sounder, no precipitation		17	(⌇)
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,
	Rain	21	•
	Showers of rain	25	▽
	,, ,, hail	27	▽
	Fog	28	≡
	Thunderstorm	29	⌇
Duststorm or Sandstorm		31	⌇
Fog		45	≡
Drizzle		50	,
Rain		60	•
Showers of rain		80	▽
,, ,, hail		87	▽
Rain	Thunderstorm during the past hour	91	⌇
Hail		93	⌇
Thunderstorm with rain		95	⌇
,, ,,	hail	96	⌇
,, ,,	Sandstorm	98	⌇

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,,	2
3/8 ,, ,, ,,	3
4/8 ,, ,, ,,	4
5/8 ,, ,, ,,	5
6/8 ,, ,, ,,	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 46 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: Tuesday 27th September, 1949

At 1200 on Mon. 26th / At 1800 on Mon. 26th

Station	1200 Wind Dir.	1200 Wind Vel. (knots)	1200 Visibility (km)	1200 Present Weather	1200 Past Weather	1200 Cloud Amount 0-8	1200 Cloud Form	1200 Bar. Pressure M.S.L. mbs	1200 Temp. °C	1200 Humidity %	1200 Dew Point °C	1800 Wind Dir.	1800 Wind Vel.	1800 Visibility	1800 Present Weather	1800 Past Weather	1800 Cloud Amount	1800 Cloud Form	1800 Bar. Pressure M.S.L.	1800 Temp.	1800 Humidity	1800 Dew Point	Rain past 12 hrs mms
Salum	40	11	7	01	0	2	Ac	17.0	24	54	14	40	4	15	02	0	0	—	17.5	23	61	15	0
Sidi Barani	320	8	35?	03	1	4	Cu	17.8	24	84	21	340	4	15	01	1	2	Cu	18.6	22	65	15	0
Matruh												360	8	12	01	1	1	Sc	17.4	21	65	14	0
El Daba	340	8	15	02	2	6	Sc	15.1?	25	61	17	340	8	7	02	1	3	Cb		22	65	15	0
Alexandria	310	8	50	02	1	3	Sc, Cu	15.2	25	61	17	360	6	7	01	1	3	Cu	15.9	22	74	17	0
Fouad (Airport)	340	6	18	01	1	2	Sc	14.9	26	55	16	340	8	12	02	1	4	Sc	15.1	22	74	17	0
Damietta	340	5	15	02	0	2	Fs, Fc	14.3	25	61	17	320	2		00	0	0	—	14.6	23	74	18	0
Port Said	360	2	30	02	0	1	Sc	13.8	26	55	16	360	10	15	02	0	2	Sc	14.4	24	69	18	0
El Arish	320	3	35	02	0	1	Cu	13.5	26	70	20	320	2	35	03	1	3	Cu	13.5	26	62	18	0
Damanhur	360	9	15	02	1	2	Cu	15.3	27	62	19	360	9	15	02	1	2	Cu	15.0	21	83	18	0
Mansura	360	5	35	01	1	3	Cu	13.9	29	46	16	360	5		00	1	0	—	15.4	22	74	17	0
Tanta	00	0	35	02	0	0	—	13.8	29	46	16	00	0	35	02	0	0	—	15.0	22	74	17	0
Zagazig	320	2	35	00	0	0	—	13.6	29	52	18	320	2	35	00	0	0	—	14.8	22	78	18	0
Ismailia	20	2	35	03	1	3	Cu, Ac	13.0	30	40	15	20	2	35	01	0	0	—	15.5	24	61	16	0
Farouk (Airport)	340	4	30	00	0	0	—	13.8	28	40	13												
Almaza	320	7	30	00	0	0	—	13.5	28	55	18	350	9	12	00	0	0	—	14.4	24	69	18	0
Ezbekiya	360	5	35	00	0	0	—	13.6	28	45	15	340	3	15	00	0	0	—	15.2	23	65	16	0
Giza	360	5	35	00	0	0	—	14.6?	29	36	12	340	3	15	00	0	0	—	15.2	23	68	16	0
Helwan	340	4	15	02	0	0	—	13.1	28	40	13	340	5	15	02	0	0	—	13.8	25	47	13	0
Faiyum	360	8	35	02	0	0	—	13.6	28	40	13	360	2	35	02	0	0	—	13.8	24	54	14	0
Minya	40	10	12	00	0	0	—	13.2	29	40	14	00	0	10	00	0	0	—	13.5	22	61	14	0
Asyut (Airport)	350	4	30	00	0	0	—	12.4	30	29	10												
Nag Hammadi	290	3	15	00	0	0	—	10.3	32	43	18	00	0		00	0	0	—	10.8	25	61	17	0
Qena	290	5	50	00	0	0	—	10.0	35	35	17	240	5	7	00	0	0	—	10.2	26	48	14	0
Luxor												00	0	12	00	0	0	—	10.4	28	40	13	0
Aswan	340	9	50	00	0	0	—	8.4	36	31	16	360	6	50	00	0	0	—	9.0	33	24	10	0
Siwa	320	9	35	00	0	0	—	18.4	28	45	15	00	0	35	00	0	0	—	17.4	28	45	15	0
Bahariya	360	3	35	02	0	0	—	15.0	28	40	13	360	6	15	02	0	0	—	15.4	24	47	12	0
Farafra																							
Dakhla	320	11	50	00	0	0	—		29	29	9	320	9	35	00	0	0	—		26	37	10	0
Kharga	360	4	35	00	0	0	—	12.3	31	38	15	360	1	15	00	0	0	—	12.8	26	40	11	0
Suez	360	5	50	01	0	0	—	12.6	29	40	14	360	6	35	02	0	0	—	13.8	25	61	17	0
Tor	310	11	35	00	0	0	—	10.0	28	70	22	310	3	15	00	0	0	—	10.2	27	62	19	0
Hurghada	350	15		00	0	0	—	9.4			22	300	16		00	0	0	—	9.9	28?	68	19	0
Quseir	360	9	15	02	0	0	—	9.1	28	70	22	330	9	15	02	0	0	—	9.1	27	42	13	0
Port Sudan	340	12	30	03	0	1	Cb	7.3	34	53	23												
Wadi Halfa	340	7	30	03	0	4	Ci	8.9	35	18	7												
Abu Hamad	270	3	30	00	0	0	—	6.6	39	7	-3												
Karima	290	8	30	00	1	0	—	7.1	37	14	6												
Atbara	250	5	30	00	2	0	—	4.9	39	13	6												
Khartoum	300	6	30	02	0	2	Ac, Ci	6.0	38	11	3												
Kassala	00	0	30	00	0	0	—	5.3	36	35	18												
Wad Medani	230	5	35	02	0	4	As	5.4	35	27	13												
Renk	130	5	50	02		7	Cu	8.7	34	53	23												
Roseires	280	2	35	02	0	2	Ac	7.0	32	49	20												
El Obeid	50	9	30	03	0	3	Cu, Ci	6.5	35	18	7												
El Fasher	110	10	30	00	1	2	Cu		34	29	13												
Geneina	160	8	30	02	2	6	Cu, Ci		33	34	15												
Malakal	180	11	10	17	6	8	Sc	10.7	23	95	23												
Wau																							
Juba																							

At 0600 on Tuesday 27th September,

Wind Dir.	Wind Vel. (knots)	Visibility (km)	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Dry Bulb	Max. Yesterday	Max. Diff. from normal	Min. Today	Min. Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs	Total from Oct. 1st	Normal from Oct. 1st	Station
270	5	15	01	2	4	Cu, Ac	18.8		21	25		15		65	14	0			Salum
200	1	35	03	1	5	Sc, Cu, Ac	18.3		22	25		16		63	15	0	278		Sidi Barani
320	8	15	02	1	3	Sc	17.5		21	26		17		61	13	0			Matruh
340	4	7	03	2	6	St	16.8		22	25		20		65	15	0			El Daba
360	5	50	01	1	4	Cu	16.3	+1.4	22	26	-3	21	-1	65	15	0	267	187	Alexandria
360	10	14	01	1	3	Sc	16.1		24	27		20		61	16	0	265	138	Fouad (Airport)
220	2		03	0	1	Cu	15.4	+1.3	24	27		17		74	19	0	320	106	Damietta
260	6	14	03	2	3	Sc	15.2		24	27		21		69	18	0	72		Port Said
00	0	35	02	1	3	Cu	14.2	+0.2	24	27	-2	19	0	69	18	0		94	El Arish
360	5	15	02	0	0	—	16.2	+1.2	23	28	-3	17	-1	74	18	0	102	101	Damanhur
320	9	35	02	1	4	Ac	15.8	+1.3	23	30	-2	18	-1	74	18	0	49	55	Mansura
270	2	35	02	0	0	—	15.5	+0.6	22	29	-3	14	-3	83	19	0	34	44	Tanta
320	2	15	00	0	0	—	15.5	+0.6	24	30	-2	17	0	69	18	0	21	27	Zagazig
190	2	35	03	1	2	Cu	15.4		19	31		19		94	18	0	14		Ismailia
320	6	12	02	1	6	Sc	16.0		20			18		78	16	0			Farouk (Airport)
360	5	12	03	2	7	Sc	16.6	+2.2	21	29		18		83	18	0			Almaza
360	3	15	00	0	6	Sc	16.4	+2.0	22	29	-3	19	0	83	19	0	8	26	Ezbekiya
360	3	15	00	0	6	Sc	17.0	+1.5	21	30	-1	18	+1	73	16	0	16	27	Giza
320	5	15	00	1	4	Cu, Sc	16.2	+1.9	21	29	-2	18	-1	83	18	0	16	29	Helwan
360	5	35	03	1	6	St	16.4	+1.8	22	30	-3	17	-2	74	17	0	8	8	Faiyum
360	8	10	02	0	2	Sc	16.0		21	29		15		65	14	0	5		Minya
210	2	30	00	0	0	—	16.1		22			17		69	16	0	dr.		Asyut (Airport)
320	1	7	00	0	0	—	14.3	+2.5	25	33		19		54	15	0	0		Nag Hammadi
240	5	35	00	0	0	—	13.9	+2.0	23	37	0	20	-1	61	15	0	dr.		Qena
										35							dr.		Luxor
360	8	50	00	0	0	—	13.0	+2.1	25	37	-1	23	0	51	14	0	2		Aswan
00	0	35	00	0	0	—	19.2	+3.0	21	30	-4	15	-2	57	12	0	1	8	Siwa
360	2	35	02	0	0	—	17.4	+2.2	20	29	-4	16	-1	73	15	0	dr.	7	Bahariya
																	dr.		Farafra
320	6	35	00	0	0	—	15.9	+2.4	21	32	-3	18	-2	65	14	0	dr.		Dakhla
360	4	15	00	0	0	—	15.6	+2.9	23	32	-4	19	-1	65	16	0	0		Kharga
00	0	50	00	0	2	Cu	15.8	+2.6	23	31	-1	19	-2	74	18	0	12	17	Suez
360	2	35	00	0	0	—	13.2	+2.3	24	29	-1	22	+1	74	19	0	dr.	13	Tor
310	15		00	0	0	—	12.2		25	28		20		74	20	0	7		Hurghada
360	9	15	02	0	0	—	12.3	+1.3	27			23	-2	55	17	0	0	4	Quseir
270	5	50	01	2	3	Ac, Ci	7.9		32	37		25		41	17	0	61	106	Port Sudan
340	9	30	02	0	2	Ci	12.9		23	35		21		38	8	0	27		Wadi Halfa
310	4	30	03	1	5	Ac, Ci	9.3		29	39		23		20	4	0			Abu Hamad
340	8	30	00	0	2	Cs	10.9		27	38		22		28	7	0	89	27	Karima
340	9	30	02	2	8	Cs	8.4		32	41		26		22	8	0	46	70	Atbara
20	2	30	01	1	2	Ac, Ci	10.7		31	40		27		17	3	0	49	162	Khartoum
200	9	30	00	0	0	—	11.5		27	37		24		66	20	0	351	321	Kassala
210	5	50	02	1	7	Cc	12.3?		25	36		21		79	21	0	250	393	Wad Medani
230	5	50	02	1	4	Sc	12.7?		25	37		20		79	21	6		510	Renk
110	13	50	02	1	6	Ac	11.8		24	36		21		84	21	0	582	804	Roseires
310	4	30	02	0	0	—	11.9		26	36		21		62	18	0	306	365	El Obeid
100	2	30	00	0	2	Ci			26	36		20		62	18	0	177	309	El Fasher
20	12	30	02	2	7	Cu, Ac			23	37		18		57	14	0		564	Geneina
110	6	30	02	2	7	Sc, Ac	12.0		24	32		21		84	21	25	1236	817	Malakal
100	1	30	03	2	8	Sc, Ac	11.5		23	32		21		95	22	7	1237	1086	Wau
																0	787	951	Juba

Station	26th	
Alexandria	64	-3
Ezbekiya	62	-3
Giza	65	-3
Helwan	56	+2

GIZA
27th 11.5

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

RADIOSONDE — On 26th At 15 h

Pressure mbs	Height (metres)	Temp. °C	Humidity %	Wind Dir.	Wind Vel.
1000	114	27	42	350	7
850	1521	16	42	330	7
700	3147	9		240	17
500	5844	-8		240	5
400		-18			

Remarks

UPPER WIND OBSERVATIONS on 26th

Height m.	Matruh Dir.	Matruh Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	Port Said Dir.	Port Said Vel.	Hurghada Dir.	Hurghada Vel.
Time	15		15		15		15	
300	350	23	340	15	310	8	330	35?
600	340	16	340	15	310	8	250	14
1000	360	20	350	17	300	7	340	11
1500	340	15	320	12	360	3	290	12
2000	300	19					290	20
3000							290	7

UPPER WIND OBSERVATIONS on 27th

Height m.	Sidi Barani Dir.	Vel.	Matruh Dir.	Vel.	Helwan Dir.	Vel.	Asyut (Manqabad) Dir.	Vel.	Aswan Dir.	Vel.	Hurghada Dir.	Vel.	Almaza Dir.	Vel.
Time	9		4		9		9		5		9		4	
300	330	4	310	14	320	11	350	16	350	20	340	30	330	6
600	320	5	310	15	330	11	350	16	360	25	320	25	350	8
1000	330	6	320	15	340	36?	340	14	20	19	310	12	350	13
1500	310	8			120	11	300	9	60	10	290	16	300	10
2000	300	10			260	2	360	6	10					
3000	290	15					240	5	210	22				
4000							330	33	210	29				
5000							220	24						

(No entries for Bulaq Airport, Port Said, El Arish, Minya, Luxor.)

Height m.	Siwa Dir.	Vel.	Bahariya Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Wadi Halfa Dir.	Vel.	Abu Hamad Dir.	Vel.	Karima Dir.	Vel.	El Fasher Dir.	Vel.
Time	9		9		9		7		4		3 30		3 45		4 30	
300	210	3	340	30	350	19	360	13	360	14						
600	250	3	340	39	350	16	360	18	10	20	360	19	20	15		
1000	330	13	230	3	360	16	350	17	20	28	360	12	20	2	140	4
1500	300	17	350	16			40	12	20	21	340	5	300	5	90	7
2000	310	19	350	34?			280	2			30	4	270	4		
3000	320	21					210	13			130	6	230	4	110	19
4000							230	14			140	5				
5000							230	16								
6000							180	14								
7000							200	16								

(No entries for Khartoum, Kassala, El Obeid, Malakal.)

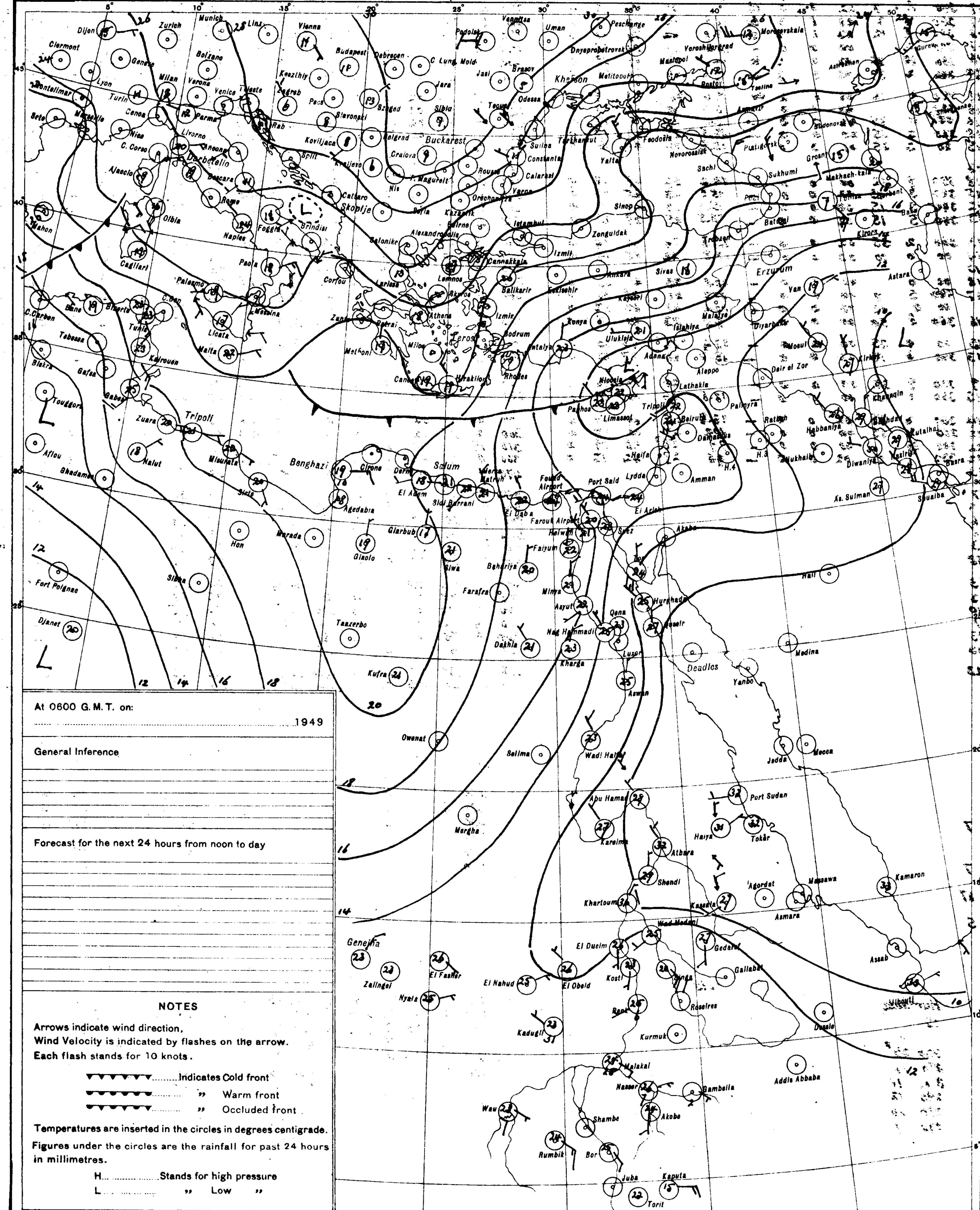
Remarks:
1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON TUESDAY 27th.9 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 — Thunderstorm during the past hour	91	
Hail — Thunderstorm during the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

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 ,,

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

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 46 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 : Wednesday 28th September, 1949

At 1200 on Tues. 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	8		20	8	8	Cb	17.5	23	74	18
	62303	SÎDI BARÂNI	340	8	35	02	1	5	Sc, Cu	18.3	24	61	16
	62306	MATRÛH	10	11	18	02	2	2	Cu	17.7	24	47	12
	62309	EL DABʿA	340	4	15	03	2	6	St.	16.6	24	65	17
		ALEXANDRIA	310	13	35	01	1	6	Cu	16.4	24	61	16
	62318	FOUAD (Airport)	340	13	18	02	1	5	Cu	16.4	26	69	15
	62330	DAMIETTA	20	2	15	03	!	5	Cu	14.7	25	70	19
	62333	PORT SAʿÎD	10	7	30	01	1	2	Sc	15.0	26	55	16
	62336	EL ʿARISH	320	5	35	01	0	1	Cu	13.5	25	70	19
LOWER EGYPT	62339	DAMANHUR	360	9	15	02	1	3	Cu	16.5	26	62	18
	62342	MANṢURA	320	13	15	03	2	6	Sc, Cu	15.4	27	52	16
	62348	TANTA	310	5	35	02	1	5	Cu	16.2?	28	45	15
	62354	ZAGAZIG	320	5	35	02	1	4	Ac	15.2	30	43	16
	62441	ISMAʿILÎA	320	2	35	03	1	6	Cu	13.9	30	40	15
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMÂZA											
		EZBEKÎYA	360	5	35	00	0	0	—	15.1	29	40	14
		GÎZA	360	5	35	00	0	0	—	15.9	29	46	16
	62378	ḤELWÂN	320	8	35	01	1	2	Cu	15.1	27	42	13
UPPER EGYPT	62381	FAIYÛM	360	5	35	01	0	0	—	15.1	28	40	13
	62387	MINYA	20	12	12	00	1	0	—	14.7	29	35	12
	62393	ASYÛṬ MANQABÂD	320	8	30	00	0	0	—	13.9	30	35	13
	62399	NAGʿ ḤAMMÂDI	290	4		00	0	0	—	11.9	31	49	19
	62402	QENA	240	5	50	00	0	0	—	10.7	35	37	18
	62405	LUXOR											
	62414	ASWÂN	360	4	50	00	0	0	—	9.6	36	31	16
OASES	62417	SÎWA	270	4	35	00	0	0	—	19.4	29	49	17
	62420	BAHARÎYA	360	4	35	02	0	0	—	16.0	28	40	13
	62423	FARAFRA											
	62432	DAKHLA	360	13	50	00	0	0	—	13.9	29	29	9
	62435	KHARGA	360	4	35	00	0	0	—	12.2	31	43	17
RED SEA	62450	SUEZ	360	4	50	01	0	0	—	13.9	29	46	16
	62459	ṬÔR	310	12	35	00	0	0	—	11.4	28	58	19
	62462	HURGHÂDA	330	17		00	0	0	—	10.3			22
	62465	QUSEIR	360	13	15	02	0	0	—	9.9	28	62	20
	62641	PORT SÛDÂN	360	13	50	03	1	1	Ac	7.9	35	39	19
NORTH SÛDÂN	62600	WÂDI ḤALFA	20	13	30	02	0	2	Ci	9.2	35	20	9
	62640	ABU ḤAMAD	50	3	30	03	0	1	Cu	5.4	41	13	7
	62660	KAREIMA	330	3	30	00	0	0	—	7.0	39	14	7
	62680	ʿAṬBARA	360	9	30	03	1	2	Cu, Ci	4.5	40	24	8
	62721	KHARTÛM	320	3	30	01	0	1	Ac	6.5	38	11	3
	62730	KASSALA	270	2	30	00	0	0	—	6.8	36	31	16
CENTRAL SÛDÂN	62751	WÂD MEDANI											
	62801	RENK	310	5	50	02	1	6	Sc	8.7	31	59	22
	62802	ROSEIRES	240	2	35	02	2	2	Cs	8.3	29	59	20
	62771	EL OBEID											
	62760	EL FÂSHER	120	4	30	01	0	1	Cu, Ci		35	12	2
	62770	GENEINA	50	5	30	02	2	7	Cu Ci		33	21	8
S. SÛDÂN	62840	MALAKÂL	230	1	30	25	8	7	Cb, As	9.3	29	66	22
	62880	WÂU	60	1	30	03	1	6	Cu	8.3	32	41	17
	62941	JUBA	90	2	30	03	1	5	Cu	8.3	31	49	19

At 1800 on Tues. 27th

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.
SALÛM	320	5	15	01	6	2	Cu	17.9	21	74	16	3
SÎDI BARÂNI	360	1	15	01	0	2	Cu	18.6	21	74	16	0
MATRÛH												
EL DABʿA	340	4	7	00	0	0	—	16.2	21	69	15	0
ALEXANDRIA	310	9	15	02	1	4	Cu	16.7	22	65	15	0
FOUAD (Airport)	340	12	18	02	1	5	Sc	16.7	22	61	14	0
DAMIETTA	320	2		00	0	0	—	15.6	23	65	16	0
PORT SAʿÎD	330	11	14	01	1	3	Sc	15.4	23	65	16	0
EL ʿARISH	320	2	15	03	1	3	Cb		23	74	18	0
DAMANHUR	310	9	15	02	1	2	Cu	16.4	20	83	17	0
MANṢURA	360	5		00	1	0	—	16.6	22	69	16	0
TANTA	270	2	35	02	1	0	—	16.2	21	74	16	0
ZAGAZIG	320	2	35	00	1	0	—	16.2	21	83	18	0
ISMAʿILÎA	20	2	35	01	0	0	—	15.4	23	74	18	0
FAROUK (Airport)												
ALMÂZA	310	8	12	00	0	0	—	16.3	22	74	17	0
EZBEKÎYA	340	1	15	00	0	0	—	16.4	23	61	15	0
GÎZA	340	1	15	00	0	0	—	17.0	22	59	13	0
ḤELWÂN	340	12	15	02	0	0	—	15.9	23	61	15	0
FAIYÛM	360	5	35	02	0	0	—	16.2	24	54	14	0
MINYA	360	5	8	00	0	0	—	15.0	22	53	12	0
ASYÛṬ MANQABÂD												
NAGʿ ḤAMMÂDI	270	2		20	0	0	—	12.2	25	61	17	0
QENA	270	2	7	00	0	0	—	10.8	28	40	13	0
LUXOR												
ASWÂN	330	8	50	00	0	0	—	10.6	33	30	13	0
SÎWA	00	0	35	00	0	0	—	18.3	26	55	16	0
BAHARÎYA	360	4	15	02	0	0	—	16.3	24	47	12	0
FARAFRA												
DAKHLA	320	13	35	00	0	0	—	13.3	26	37	10	0
KHARGA	360	1	15	00	0	0	—	12.4	26	37	10	0
SUEZ	360	8	35	02	0	0	—	14.7	25	61	17	0
ṬÔR	310	8	15	00	0	0	—	12.3	27?	58	19	0
HURGHÂDA	300	13		00	0	0	—	11.2	28	52	17	0
QUSEIR	330	5	15	02	0	0	—	11.2	26	62	18	0
PORT SÛDÂN												
WÂDI ḤALFA												
ABU ḤAMAD												
KAREIMA												
ʿAṬBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Wednesday 28th September.

STATION	WIND 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. °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	50	01	0	5	Cu, Ac	17.6?		22					57	13	3		
SÎDI BARÂNI	360	4	50	02	0	2	Ac	18.0		22	25		20?		50	11	0	278	
MATRÛḤ	310	3	14	02	1	4	Cu	17.7		21			16		53	11	0		
EL ḌABʿA	340	5	15	03	2	6	Sc	16.5?		22	25		16		65	15	0		
ALEXANDRIA	310	5	35	02	1	5	Cu	16.7	+1.7	23	26	-3	21	-1	61	15	0	267	187
FOUAD (Airport)	330	12	12	03	1	5	Sc	16.3		23	26		21		57	14	0	265	138
DAMIETTA	220		3	03	0	1	Cu	15.8	+1.6	24	26		17		61	16	0	320	106
PORT SAʿÎD	300	10	18	01	1	1	Sc	15.3		24	27		21		54	14	0	72	
EL ʿARISH	220	2	35	01	0	1	Cu			23	27	-2	19	0	74	18	0		94
DAMANHÛR	310	13	15	02	1	3	Cu	17.0	+2.1	21	27	-4	17	-1	83	18	0	102	101
MANṢÛRA	360	5	35	00	1	0	—	16.4	+1.8	22	30	-2	17	-2	65	15	0	49	55
ṬANṬA	220	2	35	02	0	0	—	17.2	+2.2	20	29	-3	12	-5	83	17	0	34	44
ZAGAZIG	220	2	15	00	0	0	—	16.4	+1.4	23	31	-1	16	-1	65	16	0	21	27
ISMAÎLÎA	290	2	35	01	0	0	—	15.6		23	31		18		65	16	0	14	
FAROUK (Airport)																			
ALMÂZA	320	3	10	00	0	0	—	16.7	+2.2	20	28		16		78	16	0		
EZBEKÎYA	340	2	15	00	0	0	—	16.7	+2.2	21	29	-3	17	-2	74	16	0	8	26
GÎZA	340	2	15	00	0	0	—	17.6?	+3.0	21	29	-2	14	-3	66	14	0	16	27
ḤELWÂN	00	0	7	06	0	0	—	17.0	+2.6	20	28	-3	17	0	73	15	0	16	29
FAIYÛM	360	2	35	02	0	0	—	17.4	+2.7	22	29	-4	16	-3	65	15	0	8	8
MINYA	20	8	12	00	0	0	—	16.7		21	30		15		65	14	0	5	
ASYÛṬ MANQABÂD	340	3	30	00	0	0	—	16.3		21			16		65	14	0	dr.	
NAGʿ ḤAMMÂDI	250	2	7	00	0	0	—	14.6	+2.7	24	32		19		61	16	0	0	
QENA	290	5	35	00	0	0	—	14.3	+2.3	24	36	-1	20	-1	61	16	0	dr.	
LUXOR	10	11	30	00	6	0	—	13.7		25			19		58	16	0	dr.	
ASWÂN	360	9	50	00	0	0	—	13.0	+2.0	25	37	-1	23	0	61	17	0	2	
SÎWA	00	0	35	00	0	0	—	19.9	+3.6	19	30	-4	15	-2	73	14	0	1	8
BAHARÎYA	270	1	35	02	1	5	Ac	17.6	-2.3	21	29	-4	16	-1	65	14	0	dr.	7
FARAFRA																		dr.	
DAKHLA	320	4	35	00	0	0	—	15.7	+2.1	21	33	-2	18	-2	57	12	0	dr.	
KHARGA	340	6	35	00	0	0	—	15.1	+2.3	24	32	-4	20	0	54	14	0	0	
SUEZ	310	7	50	00	0	1	Cu	15.8	+2.4	23	31	-1	20	-1	65	16	0	12	17
ṬÔR	310	9	35	00	0	0	—	13.3	+2.3	23	30	0	22	+1	74	18	0	dr.	13
HURGHADA	310	19		00	0	0	—	12.4		24	28		20		74	19	0	7	
QUSEIR	360	19	15	02	0	0	—	12.3	+1.2	26	29	-3	24	-1	62	18	0	0	4
PORT SÛDÂN	320	4	30	03	0	2	Ac, Ci	9.3		32	39		26		43	18	0	61	106
WÂDI ḤALFA	360	16	30	03	0	2	Ac, Ci	13.4		25	37		21		42	11	0	27	
ABU ḤAMAD	20	9	30	01	2	8	Ac, Cs	8.3?		32	41		28		21	7	0		
KAREIMA	310	5	30	01	1	4	Ac	10.0		27	39		23		28	7	0	89	27
ʿAṬBARA	20	9	30	02	2	8	Cs	7.1		31	41		26		29	11	0	46	70
KHARTÛM	320	10	30	03	1	6	Ac	8.4		31	40		26		19	5	0	49	163
KASSALA	180	5	30	00	0	0	—	10.9		28	37		24		66	21	0	351	323
WÂD MEDANI	200	9	50	02	1	2	Ac, Ci	9.6		27	35		21		62	19	0	250	395
RENK	360	2	50	02	1	6	Sc	10.5		24	32		21		89	22	0		512
ROSEIRES	200	2	35	02	1	4	Ac	10.2		25	30		22		79	21	0	582	806
EL OBEID	00	0	30	01	0	1	Ac	11.3		27	36		21		23	4	0	306	366
EL FÂSHER	350	5	30	03	0	1	Ac			25	35		18		19	0	0	177	310
GENEINA	50	10	30	01	0	3	Ac			23	34		16		27	3	0		564
MALAKÂL	00	0	30	03	4	7	Sc, Ac	11.6		25	30		20		95	24	dr.	1236	820
WÂU	00	0	30	03	2	7	Ac	11.0		24	32		22		89	22	0	1237	1091
JUBA	50	2	30	03	2	8	Ac, Cs	11.7		26	32		20		74	21	0	787	955

HUMIDITY % Mean of day

STATION	on 27th	Diff. from normal
Alexandria	64	-3
Ezbekiya	65	0
Giza	61	-7
Helwân	66	+12

GÎZA
GRASS MINIMUM TEMP. ON 28th 7.0 °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 27th At 15 h

PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET (Metres)	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	132	26	45		
950					
900					
850	1528	12	63		
800					
700	3154	7			
600					
500	5851	-6			
400		-20			
300	9624	-32			

...... 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

STATION	Matruh				Fouad A.P.				Port Said				Hurghada	
TIME	14	30			15				15				15	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	330	17			320	15			330	14			340	29
600	320	19			320	16			330	12			350	23
1000	320	17			330	17			300	10			330	21
1500	320	15							240	15			330	13
2000	320	17							260	15			290	21
3000									240	20				
4000									240	29				
5000														
6000														
7000														
8000														

UPPER WIND OBSERVATIONS on 28th

STATION	SÎDI BARÂNI		MATRÛḤ		FOUAD AIRPORT		PORT SAʿÎD		EL ʿARÎSH		ḤELWÂN		MINYA		ASYÛṬ MANQABÂD		LUXOR		ASWÂN		HURGHADA		Almaza	
TIME			4		3		3								9				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			320	10	320	20	290	16							350	10			350	24	340	49	310	10
600			320	9	320	21	300	17							350	10			350	28	310	23	330	12
1000			320	8	320	24	310	13							350	11			10	20	280	16	340	11
1500			300	11	300	23	310	9											180	14	290	16	320	20
2000			290	15	290	27	290	17											210	9	260	23	310	15
3000																					240	28		
4000																					230	32		
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI ḤALFA		ABÛ ḤAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		8		4								4				4	15	4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	320	4	340	25	350	13	10	17	10	17														
600	320	5	330	24	350	23	10	22	20	23							190	11					230	1
1000	340	5	320	16	350	10	10	27	30	16							180	13			10	15	130	1
1500	320	17	340	21	350	21	250	20	70	4							230	8			50	15	70	3
2000	310	11					300	12	220	5											100	7		
3000	320	16															300	6			130	9	60	8
4000	290	23																			90	11		
5000	280	21																			110	10		
6000																					70	12		
7000																								
8000																								

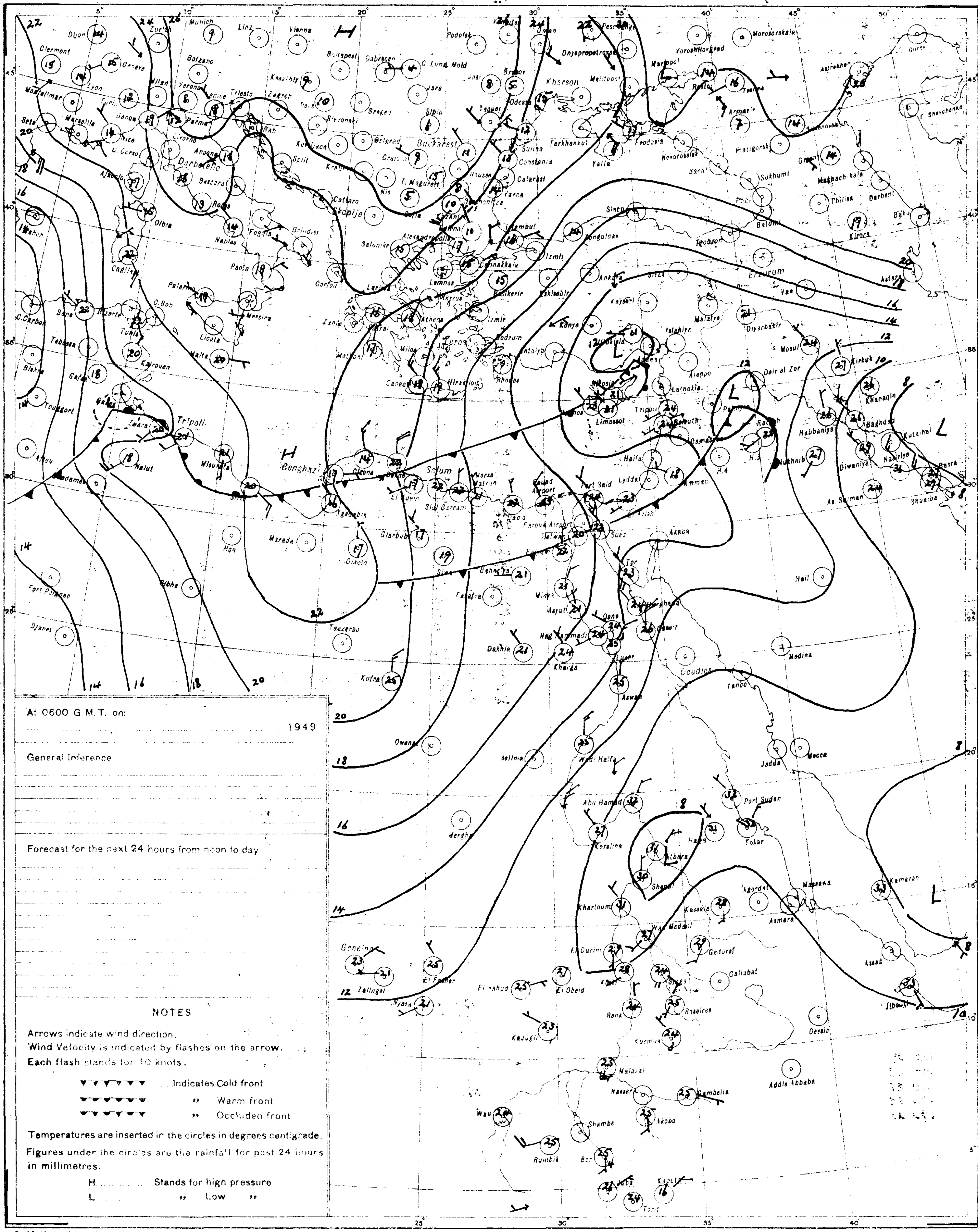
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON WEDNES: 28 : 9 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 covered or trace of cloud	1
2/8 „ „ „	2
3/8 „ „ „	3
4/8 „ „ „	4
5/8 „ „ „	5
6/8 „ „ „	6
7/8 „ „ „	7
Sky completely covered	8
„ obscured by fog, sand or snow or cloud amount cannot be estimated owing to darkness	9

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 „

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

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 47 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 : Thursday 29th September, , 1949

At 1200 on Wednes. 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											
	62303	SÎDI BARÂNI											
	62306	MATRÛH	20	12	18	02	1	2	Sc	17.4	24	47	12
	62309	EL DABÂ	340	5	35	01	1	1	Cu	17.1	25	47	13
		ALEXANDRIA	310	12	35	02	1	6	Cu	16.8	25	54	15
	62318	FOUAD (Airport)	340	13	18	01	1	4	Cu	16.5	26	51	15
	62330	DAMIETTA	320	5	15	02	0	1	Cu	15.4	24	61	16
	62333	PORT SAÏD	350	12	30	02	0	1	Cu	15.0	25	58	16
	62336	EL 'ARISH	320	5	35	03	1	2	Cu		26	70	20
LOWER EGYPT	62339	DAMANHUR	270	13	15	02	1	3	Cu	16.4	25	47	13
	62342	MANSURA	320	13	35	02	1	4	Cu	15.5	27	42	13
	62348	TANTA	310	13	35	02	1	6	Cu	16.4	26	42	12
	62354	ZAGAZIG	320	2	35	02	1	5	Cu	14.8			16
	62441	ISMAÏLIA	200	2	35	01	1	5	Cu	14.4	28	40	13
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMÂZA	300	11	30	02	2	5	Sc	15.6	26	55	16
		EZBEKÎYA	310	6	35	00	0	3	Cu	15.2	28	40	13
		GÎZA	310	6	35	00	0	3	Cu	16.2?	28	43	15
	62378	HELWÂN	320	11	35	02	2	5	Cu	15.2	26	37	10
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0	—	15.0	27	42	13
	62387	MINYA	20	13	12	02	1	1	Cu		28	33	10
	62393	ASYÛT MANQABAD	340	10	30	00	0	0	—	14.4	28	23	5
	62399	NAG' HAMMÂDI	270	4	7	00	0	0	—	12.0	30	40	15
	62402	QENA	290	5	50	00	0	0	—	10.8	34	22	9
	62405	LUXOR											
	62414	ASWÂN	20	5	50	00	0	0	—	9.9	35	32	16
OASES	62417	SÎWA	320	5	35	00	0	0	—	19.2	27	42	13
	62420	BAHARÎYA	320	4	35	01	1	2	ac	16.2	28	33	10
	62423	FARAFRA											
	62432	DAKHLA	320	8	50	00	0	0	—	15.2	29	29	9
	62435	KHARGA	20	4	35	00	0	0	—	14.2	30	40	15
RED SEA	62450	SUEZ	310	10	50	03	0	5	Cu	14.0	28	40	13
	62459	TÛR	310	11	35	00	0	0	—	11.3	29	66	22
	62462	HURGHÂDA	330	22		00	0	0	—	10.3	26?	70	20
	62465	QUSEIR	360	13	15	02	0	0	—	9.9	28	70	22
	62641	PORT SUDÂN	360	12	30	03	2	7	ac, Cu	6.8	33	53	22
NORTH SÛDÂN	62600	WÂDI HALFA	360	15	30	00	0	0	—	11.2	35	23	11
	62640	ABU HAMAD	110	2	30	03	0	1	Cu	4.2	41	13	7
	62660	KAREIMA	340	10	30	00	1	0	—	6.1	41	13	7
	62680	'ATBARA											
	62721	KHARTÛM	310	10	30	01	1	3	ac	3.3	40	11	4
	62730	KASSALA	00	0	30	00	0	0	—	4.0	37	33	18
CENTRAL SÛDÂN	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES	250	2	35	00	0	0	—	6.7	34	41	19
	62771	EL OBEID	50	9	30	00	1	2	Cu, ac	6.1	35	13	3
	62760	EL FASHER	60	2	30	00	0	1	—		35	13	3
	62770	GENEINA											
S. SÛDÂN	62840	MALAKÂL	310	3	30	01	2	5	Cu, ac	6.8	32	56	22
	62880	WÂU	310	5	30	25	6	7	Sc	7.2	28	79	24
	62941	JUBA	90	12	30	03	1	5	Cu, Ci	6.0	32	84	27

At 1800 on Wednes. 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.	RAIN PAST 12 hrs mms
MEDITERRANEAN	62300	SALÛM	270	5	15	01	1	5	ac	18.4	20	46	8	0
	62303	SÎDI BARÂNI	290	5	15	01	1	3	ac	17.7	21	65	14	0
	62306	MATRÛH	10	10	13	00	1	0	—	17.8	21	61	13	0
	62309	EL DABÂ	160	1	7	00	0	0	—	17.5	21	65	14	0
		ALEXANDRIA	330	10	15	02	2	4	Cu	16.7	23	61	15	0
	62318	FOUAD (Airport)	340	12	14	02	1	4	Sc	17.4	21	65	14	0
	62330	DAMIETTA	320	5		02	0	1	Cu	16.0	23	65	16	0
	62333	PORT SAÏD	350	10	15	02	0	1	Sc	16.1	23	61	15	0
	62336	EL 'ARISH	320	2	35	01	0	0	—	15.2	24	69	18	0
LOWER EGYPT	62339	DAMANHUR	310	9	15	02	1	2	Cu	17.2	19	83	16	0
	62342	MANSURA	20	5		00	1	0	—	17.1	21	74	16	0
	62348	TANTA	270	2	35	01	1	3	Cu	17.1	20	73	15	0
	62354	ZAGAZIG	320	2	35	00	1	0	—	16.6	20	73	15	0
	62441	ISMAÏLIA	360	2	35	01	0	0	—	16.6	22	65	15	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMÂZA	340	11	12	03	2	6	St	16.8	22	74	17	0
		EZBEKÎYA	310	3	15	00	0	5	ac	17.2	22	57	13	0
		GÎZA	310	3	15	00	0	5	ac	17.5	21	62	14	0
	62378	HELWÂN	340	13	7	01	2	0	—	16.2	23	50	12	0
UPPER EGYPT	62381	FAIYÛM	360	5	35	03	1	4	St	16.0	24	47	12	0
	62387	MINYA	10	5	10	00	1	0	—		20	60	12	0
	62393	ASYÛT MANQABAD												
	62399	NAG' HAMMÂDI	290	2		00	0	0	—	13.9	24	54	14	0
	62402	QENA	240	5	7	00	0	0	—	12.1	28	45	15	0
	62405	LUXOR	00	0	12	00	0	0	—	12.7	27	48	15	0
	62414	ASWÂN	340	9	50	00	0	0	—	10.7	32	28	11	0
OASES	62417	SÎWA	00	0	35	00	0	0	—	18.8	25	42	11	0
	62420	BAHARÎYA	360	3	15	02	0	0	—	16.7	23	44	10	0
	62423	FARAFRA												
	62432	DAKHLA	320	13	35	00	0	0	—		26	30	7	0
	62435	KHARGA	00	0	14	00	0	0	—	14.4	25	42	11	0
RED SEA	62450	SUEZ	360	10	35	01	2	2	Cu	15.8	23	65	16	0
	62459	TÛR	310	5	15	00	0	0	—	12.0	26	66	20	0
	62462	HURGHÂDA	300	17		00	0	0	—	11.4	25	62	18	0
	62465	QUSEIR	360	13	15	02	0	0	—	10.9	26	62	18	0
	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 FASHER												
	62770	GENEINA												
S. SÛDÂN	62840	MALAKÂL												
	62880	WÂU												
	62941	JUBA												

At 0600 on Thursday 29th September,

AREA	INDEX NUMBER	STATION	WIND 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	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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.
MEDITERRANEAN	62300	SALÛM	320	2	15	01	0	4	ac	18.2		21	26		15		78	17	0		
	62303	SÎDI BARÂNI	340	6	35	03	1	6	Sc Cu	18.6		22	25		20?		57	13	0	278	
	62306	MATRÛH	270	4	13	03	2	4	Sc	17.9		19	26?		16		56	10	0		
	62309	EL DABÂ	320	4	7	03	2	6	St	16.6?		23	26		18		61	15	0		
		ALEXANDRIA	330	8	50	03	5	7	Fs Fc	17.4	+2.3	22	26	-3	21	-1	65	15	dr.	267	187
	62318	FOUAD (Airport)	220	4	12	25	3	6	Cu Sc	16.7		21	27		17		74	16	dr.	265	138
	62330	DAMIETTA	220	5		03	0	2	Cu	15.0	+0.7	23	25		18		50	12	0	320	106
	62333	PORT SAÏD	340	9	30	01	0	2	Sc	16.0		24	27		22		80	13	0	72	
	62336	EL 'ARISH	320	5	35	03	0	1	Cu	15.4	+1.2	23	27	-2	17	-2	61	15	0		94
LOWER EGYPT	62339	DAMANHUR	270	9	15	03	1	6	ac	17.4	+2.4	20	26	-5	16	-2	83	17	0	102	101
	62342	MANSURA	20	5	35	00	0	0	—	16.7	+2.0	23	28	-4	17	-2	61	15	0	49	55
	62348	TANTA	230	2	35	02	0	0	—	16.5	+1.4	19	28	-4	11	-6	73	16	0	34	44
	62354	ZAGAZIG	360	12	15	00	0	0	—	16.4	+1.3	22	27	-5	15	-3	74	17	0	21	27
	62441	ISMAÏLIA	340	2	35	01	0	0	—	16.0		23	29		17		61	15	0	14	
CAIRO AREA	62366	FAROUK (Airport)	320	3	10	00	0	0	—	17.1		20			16		73	15	0		
	62372	ALMÂZA	00	0	12	00	0	0	—	16.9	+2.3	20	28		16		83	17	0		
		EZBEKÎYA	20	3	15	00	0	2	Cu	17.1	+2.5	21	28	-4	17	-2	74	16	0	8	26
		GÎZA	20	3	15	00	0	2	Cu	17.9?	+3.2	21	28	-3	15	-2	70	16	0	16	27
	62378	HELWÂN	340	5	7	02	0	0	—	16.8	+2.2	19	27	-4	17	0	73	14	0	16	29
UPPER EGYPT	62381	FAIYÛM	360	2	35	01	0	0	—	17.4	+2.6	21	28	-5	16	-3	74	16	0	8	8
	62387	MINYA	10	8	10	00	0	0	—	16.9		20	29		15		69	14	0	5	
	62393	ASYÛT MANQABAD	270	2	30	00	0	0	—	16.6		23			16		44	10	0	dr	
	62399	NAG' HAMMÂDI	320	4	7	00	0	0	—	14.7	+2.7	23	30		18		50	12	0	0	
	62402	QENA	240	5	35	00	0	0	—	14.2	+2.1	22	35	-2	19	-2	65	15	0	dr.	
	62405	LUXOR	360	7	30	00	0	0	—	13.6		24	33		18		50	13	0	dr.	
	62414	ASWÂN	340	8	50	00	0	0	—	13.1	+2.0	24	35	-3	21	-2	61	16	0	2	
OASES	62417	SÎWA	270	4	35	00	0	0	—	20.0	+3.6	19	29	-5	14	-2	73	14	0	1	8
	62420	BAHARÎYA	360	3	35	02	0	0	—	17.6	+2.2	19	29	-4	14	-3	73	14	0	dr.	7
	62423	FARAFRA																		dr.	
	62432	DAKHLA	320	4	35	00	0	0	—	17.5	+3.3	20	31	-4	16	-4	46	8	0	dr.	
	62435	KHARGA	340	2	35	00	0	0	—	17.2	+4.3	22	31	-5	18	-2	65	15	0	0	
RED SEA	62450	SUEZ	310	8	50	00	0	2	Cu	16.0	+2.5	22	29	-3	18	-3	65	15	0	12	17
	62459	TÛR	310	8	35	00	0	0	—	13.3	+2.0	23	29	-1	23	+2	65	16	0	dr.	13
	62462	HURGHÂDA	310	18		00	0	0	—	12.3		23	26?		18		74	18	0	7	
	62465	QUSEIR	360	19	15	02	0	0	—	12.6	+1.4	25	28	-4	23	-2	61	17	0	0	4
	62641	PORT SUDÂN	270	3	50	02	1	7	Sc, ac	9.3		31	36		29		46	18	0	61	106
NORTH SÛDÂN	62600	WÂDI HALFA	110	15	30	03	0	0	—	13.1		27	37		21		37	11	0	27	
	62640	ABU HAMAD	20	9	30	01	1	2	ac, Ci	8.8		30	43		26		22	6	0		
	62660	KAREIMA	20	13	30	00	1	0	—	9.3		28	41		25		22	4	0	89	27
	62680	'ATBARA	70	5	30	03	1	3	ac, Ci	8.1		31	42		26		26	9	0	46	70
	62721	KHARTÛM	360	12	30	02	0	1	Ci	6.8		31	41		28		24	8	0	49	163
	62730	KASSALA	180	5	30	01	1	2	ac	8.5		29	38		24		59	20	0	351	324
CENTRAL SÛDÂN	62751	WÂD MEDANI																	0	250	396
	62801	RENK	120	13	52	01	1	4	Sc	9.4		28	35		22		66	21	0		514
	62802	ROSEIRES	160	5	35	00	0	0	—	9.0		28	35		21		58	19	0	582	807
	62771	EL OBEID	340	11	10	01	0	1	ac	8.5		27	37		23		23	4	0	306	367
	62760	EL FASHER																	0	177	310
	62770	GENEINA	10	31	30	00	0	1	ac			23	35		17		27	3	0		565
S. SÛDÂN	62840	MALAKÂL	30	0	30	01	2	6	Sc, ac	11.1		25	33		23		95	24	1	1237	823
	62880	WÂU	330	1	30	02	6	8	ac	10.8		22	33		21		95	21	26	1263	1096
	62941	JUBA	180	2	10	03	2	8	Sc, Ci	12.2		25	33		20		79	21	0	787	959

HUMIDITY

Mean of day

STATION	% on 28th	Diff. from normal
Alexandria	65	-2
Ezbeklya	58	-7
Giza	59	-9
Helwân	60	16

GÎZA

GRASS MINIMUM TEMP.

ON 29th 7.3 °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 28th At 15 h AIRPORT	PRESSURE mbs.	HEIGHT ABOVE M.S.L. metres	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
	1000	132	24	47	340	13
	950					
	900					
	850	1513	8	76	330	10
	800					
	700	3095	4		280	15
	600					
	500	7752	-12		240	43
	400		-23			
	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 28th

STATION	Matruh.				Foad A.P.				Port Said				Hurghada											
TIME	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	340	9			330	23			320	9			330	47										
600	340	14			330	15			320	11			340	33										
1000	330	14			330	28			320	10			330	23										
1500	310	19							330	5			310	30										
2000	280	18							300	4			250	16										
3000													260											
4000									250	23														
5000									260	19														
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 29th

STATION	SÎDI BARÂNI		MATRÛH		BOUAD AIRPORT		PORT SAÏD		EL 'ARISH		HELWÂN		MINYA		ASYÛT MANQABAD		LUXOR		ASWÂN		HURGHADA		Almaza	
TIME	9		4		3		3				9				9				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	320	10	320	9	300	7	320	13			340	14			330	23			350	14	340	36	360	4
600	320	9	330	10	300	7	320	19			20	4			340	38			360	23	320	35	10	8
1000	320	6	330	10	290	8	330	10			360	6			330	39			360	18	320	30	350	9
1500	300	8	340	13	320	15	330	10			300	8			340	23			250	12	260	19	320	10
2000			350	23	330	14	290	9			290	11							220	12	280	18	280	8
3000					280	10	260	17			250	13									220	20	270	14
4000											250	27									240	30		
5000																					220	14		
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABU HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7		4								3 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	360	5	340		360	12	10	12	10	19														
600	360	7	340	43?	360	12	10	12	10	32							190	11						
1000	20	12			360	16	360	17	10	27							210	10			350	12		
1500	350	12			350	13	360	14	20	9							230	5			30	16		
2000	350	10					300	8																
3000	340	14					230	22	230	1							210	4			70	12		
4000	290	20																						
5000	280	26																						
6000																								
7000																								
8000																								

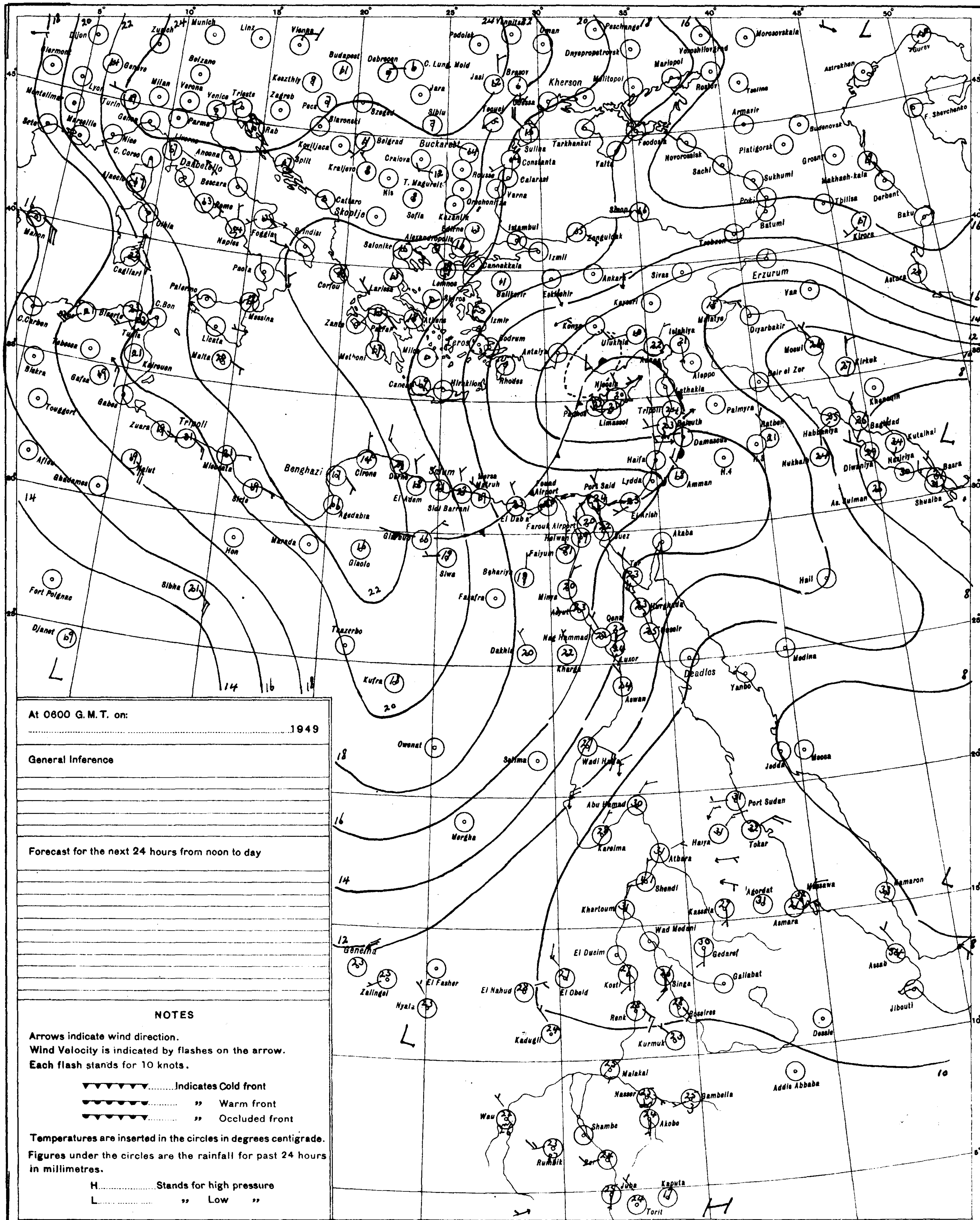
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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

Note: All times G. M. T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON THURSDAY 29: 9 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 ,,

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

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

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

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

CAIRO
Time of Sunrise 03 47 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 : Friday 30th September, 1949

At 1200 on Thurs. 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	320	8	7	02	0	4	ac	17.9	24	32	6
	62303	SÎDI BARÂNI	340	11	35	01	1	5	Cu	18.2	23	50	12
	62306	MATRÛH	10	12	18	01	1	3	Sc	17.9	25	42	11
	62309	EL DABA	340	6	15	02	1	3	Cu		24	54	14
		ALEXANDRIA	310	16	50	01	1	4	Cu	16.8	23	61	15
	62318	FOUAD (Airport)	320	14	18	02	1	4	Sc	16.4	25	47	13
	62330	DAMIETTA	320	5	15	01	0	1	Cu	15.5	24	61	16
	62333	PORT SA'ÎD	350	16	30	02	0	3	Sc	14.9	23	57	14
	62336	EL 'ARISH	320	9	35	03	1	4	Cu	13.6	25	36	17
LOWER EGYPT	62339	DAMANHUR	270	13	15	02	1	3	Cu	16.4	25	47	15
	62342	MANSURA	320	13	35	03	1	4	Sc,Cu	15.4	27	42	13
	62348	TANTA	00	0	35	02	1	6	Cu	15.4	26	48	14
	62354	ZAGAZIG	320	5	35	02	1	4	Cu	15.1	28	45	15
	62441	ISMAÎLIA	20	5	35	03	1	5	Cu	14.2	27	42	13
CAIRO AREA	62366	FAROUK (Airport)	360	5	15	02	1	5	Sc	15.2	26	37	10
	62372	ALMÂZA	360	10	30	03	0	4	Cu	15.0	26	62	18
		EZBEKÎYA	340	4	35	00	0	3	Cu	15.4	26	42	12
		GÎZA	340	4	35	00	0	3	Cu	15.9	27	44	13
	62378	HELWÂN	320	12	35	03	1	3	Cu	14.7	25	39	10
UPPER EGYPT	62381	FAIYÛM	360	5	35	03	1	3	Cu,Sc	15.2	27	37	11
	62387	MINYA	20	14	12	00	1	0	—	15.2	27	35	10
	62393	ASYÛT MANQABÂD	340	12	30	00	0	0	—	13.4	28	29	8
	62399	NAG' HAMMÂDI	270	5	7	00	0	0	—	11.6	29	35	12
	62402	QENA	270	5	50	00	0	0	—	10.7	32	34	14
	62405	LUXOR											
	62414	ASWÂN	360	10	50	00	0	0	—	9.5	33	36	16
OASES	62417	SÎWA	00	0	35	00	0	0	—	19.2	27	33	9
	62420	BAHARÎYA	360	6	35	02	0	0	—	16.2	26	21	2
	62423	FARAFRA											
	62432	DAKHLA	320	11	50	00	0	0	—		28	27	7
	62435	KHARGA	340	9	15	00	0	0	—	14.0	29	20	4
RED SEA	62450	SUEZ	360	4	50	01	0	1	Cu	13.5	27	37	11
	62459	TÛR	310	16	35	00	0	0	—	11.9	26	74	21
	62462	HURGHÂDA	330	20		00	0	0	—	10.0	26	70	20
	62465	QUSEIR	360	13	15	02	0	0	—	10.7	27	70	21
	62641	PORT SÛDAN	350	11	30	01	1	1	ac	6.7	33	50	21
NORTH SÛDAN	62600	WÂDI HALFA	340		10	07	0	0	—	9.4	33	14	2
	62640	ABU HAMAD	360	5	30	03	0	1	Cu	3.9	40	11	4
	62660	KAREIMA	70	1	30	00	0	0	—	5.1	39	12	5
	62680	'ATBARA	20	5	30	03	2	8	Cu,Cs	2.8	41	16	10
	62721	KHARTÛM	70	7	30	03	1	4	Cu,Cc	2.4	41	13	7
	62730	KASSALA	00	0	30	00	0	0	—	3.9	37	35	19
CENTRAL SÛDAN	62751	WÂD MEDANI	130	5	35	02	1	7	Cc	2.6	38	21	12
	62801	RENK	230	13	50	02	1	7	Sc	5.3	36	40	20
	62802	ROSEIRES	240	12	35	02	0	0	—	4.4	35	47	22
	62771	EL OBEID	360	4	10	02	1	6	Cc	3.5	37	17	8
	62760	EL FÂSHER	90	3	30	02	0	7	Cs		36	15	6
	62770	GENEINA	50	3	30	00	0	0	—		34	12	1
S. SÛDAN	62840	MALAKÂL	210	4	30	03	2	7	Cu,ac	5.8	33	56	23
	62880	WÂU	30	1	30		8	5	Cu,ac	8.2	30	62	22
	62941	JUBA											

At 1800 on Thurs. 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	270	3	15	02	1	4	ac	17.6	20	46	8	0
	62303	SÎDI BARÂNI	340	14	15	01	1	4	Cu	18.7	22	57	13	0
	62306	MATRÛH	360	9	12	02	1	3	Cu	18.3	21	50	10	0
	62309	EL DABA	340	6	7	02	1	3	Cu	17.3	21	57	12	0
		ALEXANDRIA	330	10		02	1	6	Cu	17.4	22	47	13	0
	62318	FOUAD (Airport)	340	18	12	03	0	4	Sc	16.7	21	42	12	0
	62330	DAMIETTA	320	2		02	0	1	Cu	15.1	22	57	13	0
	62333	PORT SA'ÎD	310	13	14	03	1	1	Sc	15.7	22	61	14	0
	62336	EL 'ARISH	320	2	15	02	1	4	Cu	15.4	23	65	16	0
LOWER EGYPT	62339	DAMANHUR	310	9	15	02	1	4	Cu	16.8	19	73	14	0
	62342	MANSURA	360	5		00	1	0	—	17.1	20	73	15	0
	62348	TANTA	220	2	35	01	1	3	Cu	17.5	19	73	14	0
	62354	ZAGAZIG	320	2	35	00	1	0	—	16.3	18	83	15	0
	62441	ISMAÎLIA	20	2	35	03	1	0	—	16.2	22	57	13	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMÂZA	340	6	12	01	1	2	Sc	16.6	21	74	16	0
		EZBEKÎYA	340	1	15	00	0	0	—	16.7	22	57	13	0
		GÎZA	340	1	15	00	0	0	—	17.1	20	64	13	0
	62378	HELWÂN	340	8	15	01	2	0	—	16.2	22	50	11	0
UPPER EGYPT	62381	FAIYÛM	360	8	35	01	0	0	—	16.3	22	57	13	0
	62387	MINYA	00	0	10	00	0	0	—	15.1	20	69	14	0
	62393	ASYÛT MANQABÂD												
	62399	NAG' HAMMÂDI	270	2		00	0	0	—	12.2	23	50	12	0
	62402	QENA	270	2	7	00	0	0	—	11.1	25	42	11	0
	62405	LUXOR	310	6	12	00	0	0	—	11.7	26	42	12	0
	62414	ASWÂN	360	4	50	00	0	0	—	11.1	30	35	13	0
OASES	62417	SÎWA	00	0	35	00	0	0	—	19.6	23	44	10	0
	62420	BAHARÎYA	360	3	15	02	0	0	—	16.6	22	44	9	0
	62423	FARAFRA												
	62432	DAKHLA	320	6	35	00	0	0	—	14.9	24	32	6	0
	62435	KHARGA	360	2	15	00	0	0	—	14.2	25	42	11	0
RED SEA	62450	SUEZ	360	5	15	03	0	5	Cu	15.5	23	61	15	0
	62459	TÛR	310	19	15	00	0	0	—	11.6	2	62	18	0
	62462	HURGHÂDA	310	20		00	0	0	—	10.3	25	67	17	0
	62465	QUSEIR	360	13	15	02	0	0	—		25	70	19	0
	62641	PORT SÛDAN												
NORTH SÛDAN	62600	WÂDI HALFA												
	62640	ABU HAMAD												
	62660	KAREIMA												
	62680	'ATBARA												
	62721	KHARTÛM												
	62730	KASSALA												
CENTRAL SÛDAN	62751	WÂD MEDANI												
	62801	RENK												
	62802	ROSEIRES												
	62771	EL OBEID												
	62760	EL FÂSHER												
	62770	GENEINA												
S. SÛDAN	62840	MALAKÂL												
	62880	WÂU												
	62941	JUBA												

At 0600 on Friday 30th September.

AREA	INDEX NUMBER	STATION	WIND 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	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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
MEDITERRANEAN	62300	SALÛM	320	3	15	02	1	4	ac	18.2		20	27		19		60	12	0			SALUM
	62303	SÎDI BARÂNI	340	11	15	01	1	3	Cu	19.1		22	24		20		50	11	0	278		SÎDI BARÂNI
	62306	MATRÛH	360	13	15	03	2	5	Cu	17.7		22	26		20		50	11	0			MATRÛH
	62309	EL DABA	320	11	15	01	1	2	Cu	17.2		22	25		20		50	11	0			EL DABA
		ALEXANDRIA	310	14	50	02	2	6	Cu	16.6	+1.4	22	25	-4	21	+1	57	13	0	267	187	ALEXANDRIA
	62318	FOUAD (Airport)	340	12	14	01	1	4	Sc	16.4		22	26		20		57	13	0	265	138	FOUAD (Airport)
	62330	DAMIETTA	220	2	3	03	0	2	Cu	15.4	+1.1	21	27		15		65	14	0	320	106	DAMIETTA
	62333	PORT SA'ÎD	250	10	15	01	0	1	Sc	15.2		21	26		19		65	14	0	72		PORT SAÎD
	62336	EL 'ARISH	220	21	35	01	0	1	Cu	15.2	+0.9	21	27	-2	17	-2	65	14	0		74	EL 'ARISH
LOWER EGYPT	62339	DAMANHUR	310	13	15	02	1	3	Cu	17.0	+1.9	21	26	-5	15	-3	65	14	0	102	101	DAMANHÛR
	62342	MANSURA	320	9	35	02	1	3	Sc,Cu	15.6	+0.8	21	27	-5	14	-5	65	14	0	49	55	MANSÛRA
	62348	TANTA	220	2	35	01	1	2	Cu	16.8	+0.6	20	27	-5	10	-7	73	15	0	34	44	TANTA
	62354	ZAGAZIG	220	21	15	00	0	0	—	16.3	+1.1	21	29	-3	14	-3	74	16	0	21	27	ZAGAZIG
	62441	ISMAÎLIA	250	2	35	02	0	0	—	16.2		21	29		11		65	14	0	14		ISMAÎLIA
CAIRO AREA	62366	FAROUK (Airport)	240	4	12	03	1	4	Sc	17.1		20			16		64	13	0			FAROUK (Airport)
	62372	ALMÂZA	270	4	12	03	0	4	Sc	16.7	+2.0	20	26		16		73	15	0			ALMÂZA
		EZBEKÎYA	00	0	15	01	1	2	Cu	17.1	+2.4	19	27	-5	16	-3	73	14	0	8	26	EZBEKÎYA
		GÎZA	00	0	15	01	1	2	Cu	17.2	+2.4	20	28	-3	13	-4	63	13	0	16	27	GÎZA
	62378	HELWÂN	00	0	7	02	0	0	—	16.6	+1.9	19	26	-5	15	-2	73	14	0	16	29	HELWÂN
UPPER EGYPT	62381	FAIYÛM	00	0	35	03	0	2	Cu,Sc	14.0	-0.9	20	27	-6	14	-5	64	13	0	8	8	FAIYÛM
	62387	MINYA	360	6	10	00	0	0	—	16.8		19	28		13		68	13	0	5		MINYA
	62393	ASYÛT MANQABÂD	340	4	30	00	0	0	—	16.7		20			15		60	12	0	dr.		ASYÛT MANQABÂD
	62399	NAG' HAMMÂDI	320	2	7	00	0	0	—	15.0	+2.9	22	29		18		53	12	0	0		NAG' HAMMÂDI
	62402	QENA	290	5	35	00	0	0	—	14.0	+1.8	22	34	-3	17	-3	67	13	0	dr.		QENA
	62405	LUXOR	360	9	30	00	0	0	—	13.9		23	31		16		50	12	0	dr.		LUXOR
	62414	ASWÂN	340	12	50	00	0	0	—	13.6	+2.4	23	33	-5	19	4	61	15	0	2		ASWÂN
OASES	62417	SÎWA	00	0	35	00	0	0	—	20.3	+3.8	18	28	-6	14	-2	68	12	0	1	8	SÎWA
	62420	BAHARÎYA	360	2	35	02	0	0	—	18.0	+2.5	18	27	-5	12	-5	73	13	0	dr.	7	BAHARÎYA
	62423	FARAFRA																		dr.		FARAFRA
	62432	DAKHLA	320	3	35	00	0	0	—	16.3	+2.5	19	28	-7	17	-2	52	9	0	dr.		DAKHLA
	62435	KHARGA	40	2	35	00	0	0	—	16.0	+3.0	21	29	-7	17	-3	65	14	0	0		KHARGA
RED SEA	62450	SUEZ	00	0	50	00	0	1	Cu	16.8	+3.2	21	29	-3	16	-5	65	14	0	12	17	SUEZ
	62459	TÛR	310	12	35	00	0	0	—			22	28	-2	17	-4	65	15	0	dr.	13	TÛR
	62462	HURGHÂDA	300	19		00	0	0	—	12.5		22	26		18		65	15	0	7		HURGHADA
	62465	QUSEIR	360	24	15	02	0	0	—	12.4	+1.1	24	28	-4	23	-2	61	16	0	0	4	QUSEIR
	62641	PORT SÛDAN	00	0	30	02	0	2	Sc,ac	10.9		30	34		25		52	19	0	61	106	PORT SÛDAN
NORTH SÛDAN	62600	WÂDI HALFA	10	10	30	00	0	0	—	14.3		22	34		18		23	0	0	27		WÂDI HALFA
	62640	ABU HAMAD	360	13	10	03	1	4	ac	8.3		30	40		25		18	3	0			ABU HAMAD
	62660	KAREIMA	20	9	30	02	1	8	Cs	9.6		27	41		23		22	3	0	89	27	KAREIMA
	62680	'ATBARA	20	9	30	03	2	7	ac	7.3		31	42		25		37	12	0	46	70	'ATBARA
	62721	KHARTÛM	360	5	30	02	1	3	Cc	7.8		31	42		26		22	7	0	49	164	KHARTÛM
	62730	KASSALA																	0	351	325	KASSALA
CENTRAL SÛDAN	62751	WÂD MEDANI	230	5	50	00	0	0	—	7.6		28	39		23		66	21	0	230	397	WÂD MEDANI
	62801	RENK	140	9	50	02	1	6	Sc	9.4		27	37		23		84	24	0		516	RENK
	62802	ROSEIRES	160	2	35	00	0	8		7.1		27	36		23		70	21	0	582	808	ROSEIRES
	62771	EL OBEID	350	12	10	03	1	6	Cs	9.6		28	38		24		22	4	0	306	368	EL OBEID
	62760	EL FÂSHER	350	9	30	00	0	1	ac			26	37		21		27	5	0	177	310	EL FÂSHER
	62770	GENEINA	50	11	30	00	0	0	—			24	36		20		26	3	0		565	GENEINA
S. SÛDAN	62840	MALAKÂL	200	2	30	01	0	5	ac	10.6		27	33		25		89	25	0	1237	826	MALAKÂL
	62880	WÂU	170	4	30	03	2	8	Ac,Cc	11.0		24	31		22		84	21	dr.	1263	1101	WÂU
	62941	JUBA	180	2	30	03	2	8	Ac,Cs	11.6		24	33		21		79	20	0	787	963	JUBA

HUMIDITY % Mean of day

STATION	on 29th	Diff from normal
Alexandria	61	-6
Ezbeklya	61	-4
Giza	62	-6
Helwân	57	+3

GÎZA GRASS MINIMUM TEMP. ON 30th 7.0 °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 29th

STATION	Foad A.P.				Hurghada																	
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.
300	330	37			320	43																
600	330	30			320	34																
1000	330	30			300	18																
1500					290	23																
2000					250	16																
3000					250	29																
4000																						
5000																						
6000																						
7000																						
8000																						

UPPER WIND OBSERVATIONS on 30th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		
TIME	9		5		3		3								7						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	19	330	11	330	15	290	13							360	12					340	31		
600	340	19	350	25	330	16	300	16							340	10					330	45		
1000	340	22	330	20	340	10	300	14							310	12					320	32		
1500	330	21	340	21	320	17	300	17							340	18					300	31		
2000	360	16					280	21							310	12					300	11		
3000	350	21					280	29																
4000																								
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7		4								4		3 45		4 30		4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	20	3	350	38	10	38	360	11	10	18														
600	30	6	330	43	10	21	360	22	20	27							190	11					240	11
1000	20	9	350	15	360	12	360	33	30	26									10	23	350	13	230	12
1500	360	17	340	24			20	15	310	11									40	31	30	12	190	5
2000	350	18																	50	9				
3000	340	14							250	14									70	3			110	10
4000	310	10																					110	9
5000	320	10																						
6000																								
7000																								
8000																								

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

Note: All times G. M. T.

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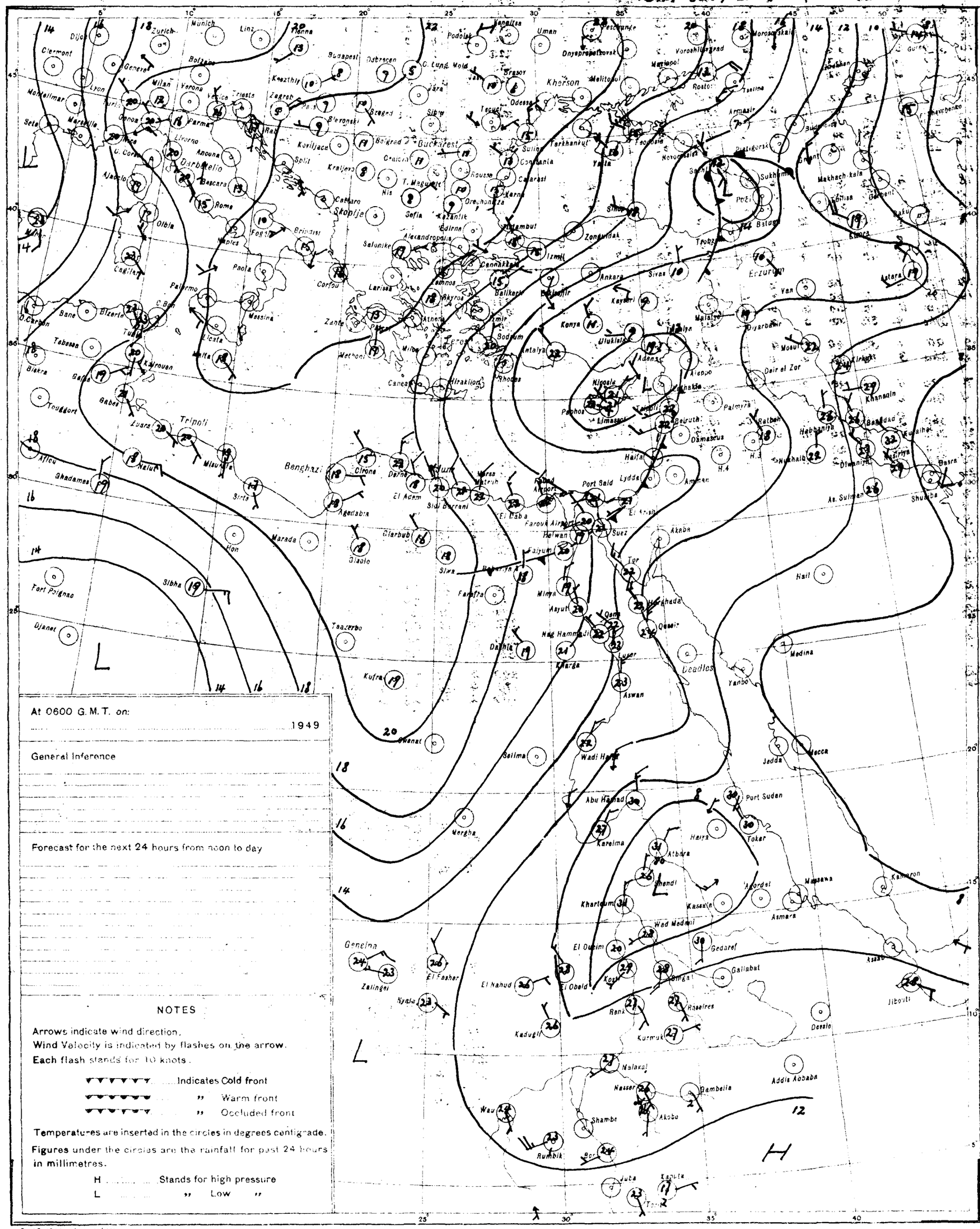
Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON FRIDAY 30.9 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 or sand raised by wind	06
		07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	" " hail	27
	Fog	28
	Thunderstorm	29
Dust storm or Sandstorm		31
Rain		45
Drizzle		50
Rain		60
Showers of rain		80
" " hail		87
Rain	Thunderstorm during	91
Hail	the past hour	93
Thunderstorm with rain		95
	Hail	96
	Sandstorm	98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky covered or trace of cloud	1
2/8 th ...	2
3/8 ...	3
4/8 ...	4
5/8 ...	5
6/8 ...	6
7/8 ...	7
Sky completely covered	8
... obscured by fog or dust storm or sandstorm or estimated cloud to be ...	9

S of E 1948(48/1951(48/450)

SCALE 1:15,000,000

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

Form No 7 F.

DAILY WEATHER REPORT

Date: Saturday 1st October, , 1949

LIBRARY JAN 10 1950 WEATHER BUREAU

At 1200 on Fri. 30th

		WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C
		360	6	7	01	0	0	—	17.8	25	58	16
		320	12	15	01	0	1	Cu	17.3	24	54	14
		360	19	18	03	1	4	Sc,Cu	17.8	24	50	13
		340	8	7	03	2	6	Sc	15.5			14
		310	22	35	02	1	4	Cu	15.9	24	54	14
62330	DAMIETTA	290	2	15	03	1	6	Cu	14.6	24	61	16
62333	PORT SAID	330	14	30	02	0	2	Sc	14.3	25	61	14
62336	EL 'ARISH	240	5	35	02	0	1	Cu	14.6	25	47	13
62339	DAMANHUR	310	13	15	02	1	3	Cu	16.3	25	54	15
62342	MANSURA	320	13	35	03	1	4	Sc,Cu	14.8	26	42	12
62348	TANTA	310	8	35	01	1	4	Cu	15.2	27	52	16
62354	ZAGAZIG	320	5	35	02	1	5	Cu	14.4	26	55	16
62441	ISMAILIA	320	5	35	03	1	4	Cu,Cc	13.9	27	37	11
62361	FAROUK (Airport)											
62372	ALMAZA	320	11	30	02	1	3	Cu	14.8	25	45	12
	EZBEKIYA	340	6	15	01	1	3	Cu	15.0	27	37	11
	GIZA	340	6	15	01	1	3	Cu	15.6?	26	36	10
62378	HELWAN	320	16	35	01	0	0	—	14.3	26	30	7
62381	FAIYUM	360	8	35	01	0	0	—	15.1	27	37	11
62387	MINYA	20	12	12	00	0	0	—	15.5	27	35	10
62393	ASYUT MANDARA											
62399	NAG HAMMADI	290	4	7	00	0	0	—	12.4	28	40	13
62402	QENA	240	5	50	00	0	0	—	10.8	31	31	12
62405	LUXOR											
62414	ASWAN	340	10	50	00	0	0	—	10.6	32	29	12
62417	SIWA	00	0	35	00	0	0	—	18.0	29	40	14
62420	BAHARIYA	360	4	35	02	0	0	—	16.6	26	42	12
62423	FARAFRA											
62432	DAKHLA	320	13	50	00	0	0	—	14.0	27	33	9
62435	KHARGA	360	11	15	00	0	0	—	13.9	28	40	13
62450	SUEZ	310	6	50	02	0	1	Cu	13.6	28	33	10
62459	TOR	310	19	35	00	0	0	—	10.7	26	70	20
62462	HURGHADA	330	17		00	0	0	—	10.8	25	61	18
62465	QUSEIR	360	19	15	02	0	0	—	10.0	26	62	18
62641	PORT SUDAN	350	13	30	03	2	5	Ac,Cs	7.5	34	27	22
62600	WADI HALFA	340	12	30	02	0	1	As,Cc,Ac	10.9	35	12	2
62640	ABU HAMAD	260	2	30	01	1	4	Cu,Ac	4.0	41	13	7
62660	KAREIMA	40	5	30	00	1	2	Ac	6.0	39	12	4
62680	ATBARA	20	5	30	03	2	8	Cu,Cb	2.9	41	18	12
62721	KHARTUM	20	7	30	02	1	4	Cu,Cc	2.4	41	11	5
62730	KASSALA	230	2	30	00	0	0	—	4.1	38	25	15
62751	WAD MEDANI											
62801	RENK											
62802	ROSEIRES	340	2	15	02	1	6	Fs,Fc	5.8	35	42	20
62771	EL OBEID	350	4	10	03	1	6	Ci,Cs	4.0	36	24	12
62760	EL FASHER	90	4	30	02	0	1	Ci		36	19	9
62770	GENEINA	90	7	30	00	0	0	—		35	18	7
62840	MALAKAL	290	9	30	17	2	8	Cb,Cs	7.3	32	49	20
62880	WAU	150	2	30	02	2	6	Cu,Ac	6.7	32	56	22
62941	JUBA	50	5	30	03	2	5	Cb,Ac	5.7	32	52	21

At 1800 on Fri. 30th

		WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms
		320	1	15	01	0	2	Ci	18.0	20	56	11	0
		330	6	35	01	1	1	Cu	19.0	23			0
		20	13	14	01	1	2	Cu	18.7	22	63	12	0
		40	5	15	02	1	3	Cb	18.7?	22	67	13	0
62330	DAMIETTA	360	3	50	01	1	5	Sc,Cu	18.2	22	57	13	0
62333	PORT SAID	360	4	14	02	1	5	Cu	17.8	23	74	16	0
62336	EL 'ARISH	220	2		11	6	4	Cu	17.4	19	88	17	2
62339	DAMANHUR	280	5	12	02	0	1	Sc	16.1	23	74	18	0
62342	MANSURA	00	0	35	01	0	1	Cu	16.7	25	70	19	0
62348	TANTA	310	9	7	02	0	0	—	17.2	20	88	18	0
62354	ZAGAZIG	320	5	35	00	0	0	—	17.9	21	74	16	0
62441	ISMAILIA	310	5	35	02	0	0	—	17.5	21	74	16	0
		220	2	15	00	0	0	—	17.8	21	74	16	0
		290	2	35	01	0	0	—	17.2	21	74	16	0
62361	FAROUK (Airport)	290	3	12	03	0	3	Sc	17.9	19	73	14	0
62372	ALMAZA	00	0	50	00	0	0	—	17.7	20	78	16	0
	EZBEKIYA	340	2	35	00	0	0	—	18.2	20	72	15	0
	GIZA	340	2	35	00	0	0	—	18.2	19	72	14	0
62378	HELWAN	00	0	7	00	0	0	—	17.8	19	73	14	0
62381	FAIYUM	360	2	35	02	0	0	—		20	72	15	0
62387	MINYA	360	9	10	00	0	0	—	17.6	18	63	12	0
62393	ASYUT MANDARA	320	3	30	00	0	0	—	17.1	20	60	12	0
62399	NAG HAMMADI	290	2	3	00	0	0	—	15.4	21	65	14	0
62402	QENA	240	5	35	00	0	0	—	15.4	21	65	14	0
62405	LUXOR									31			
62414	ASWAN	360	9	50	00	0	0	—	14.8	23	57	14	0
62417	SIWA	00	0	35	00	0	0	—	20.8	18	73	13	0
62420	BAHARIYA	360	5	35	02	1	4	Ac	18.6	19	73	14	0
62423	FARAFRA												
62432	DAKHLA	320	6	35	00	0	0	—	16.7	19	64	12	0
62435	KHARGA	40	4	35	00	0	0	—	15.8	21	69	15	0
62450	SUEZ	00	0	35	00	0	0	—	16.8	19	83	16	0
62459	TOR	40	6	35	00	0	0	—	14.6	18	73	13	0
62462	HURGHADA	310	17		00	0	0	—	14.1	22	69	16	0
62465	QUSEIR	360	19	15	02	0	0	—	13.8	25	54	15	0
62641	PORT SUDAN	300	11	30	03	1	7	Ac,Cs	11.9	27	62	19	0
62600	WADI HALFA	360	13	30	03	0	1	Cc	13.9	22	38	7	0
62640	ABU HAMAD	20	9	30	02	1	3	Ac	9.6	29	17	1	0
62660	KAREIMA	360	3	30	00	0	1	Cc	10.1	28	25	6	0
62680	ATBARA	90	5	30	02	2	5	Ac,Cc	8.2	31	38	15	0
62721	KHARTUM	270	10	30	02	0	1	Ac	8.2	29	18	2	0
62730	KASSALA												0
62751	WAD MEDANI	200	9	50	02	1	7	Cu	9.8	25	70	19	0
62801	RENK												
62802	ROSEIRES	110	2	35	02	1	8	Cc	9.3	27	70	21	0
62771	EL OBEID	350	13	10	02	1	8	Ac	7.3	27	22	3	0
62760	EL FASHER	360	6	30	00	0	1	Cc		25	30	6	0
62770	GENEINA	50	9	30	00	0	0	—		23	26	2	0
62840	MALAKAL	130	4	30	03	2	7	Ac	10.7	24	94	23	0
62880	WAU	130	11	30	03	1	7	Ac	10.6	25	79	21	0
62941	JUBA	160	2	30	02	2	8	Ac,Cb	11.6	25	79	21	dr.

At 0600 on Saturday 1st October,

	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	BAR. PRESSURE Diff. from normal mbs	TEMPERATURES Dry Bulb °C	TEMPERATURES MAXIMUM Yesterday °C	TEMPERATURES MAXIMUM Diff. from normal	TEMPERATURES MINIMUM Today °C	TEMPERATURES MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C	RAIN FALL mms Past 24 hrs	RAIN FALL mms Total From Oct. 1st	RAIN FALL mms Normal From Oct. 1st	STATION
	320	1	15	01	0	2	Ci	18.0		20	25		20		56	11	0			SALUM
	330	6	35	01	1	1	Cu	19.0		23	24		19				0	278		SIDI BARANI
	20	13	14	01	1	2	Cu	18.7		22	26		20		63	12	0			MATRUH
	40	5	15	02	1	3	Cb	18.7?		22	25		19		67	13	0			EL DABA
62330	360	3	50	01	1	5	Sc,Cu	18.2	+2.9	22	25	-4	20	-1	57	13	0	267	187	ALEXANDRIA
62333	360	4	14	02	1	5	Cu	17.8		23	26		16		74	16	0	265	138	FOUAD (Airport)
62336	220	2		11	6	4	Cu	17.4	+3.0	19	25		17		88	17	2	322	106	DAMIETTA
62339	280	5	12	02	0	1	Sc	16.1		23	26		20		74	18	0	72		PORT SAID
62342	00	0	35	01	0	1	Cu	16.7	+2.4	25	26	-3	15	-4	70	19	0		94	EL 'ARISH
62348	310	9	7	02	0	0	—	17.2	+2.0	20	26	-5	15	-3	88	18	0	102	101	DAMANHUR
62354	320	5	35	00	0	0	—	17.9	+3.0	21	27	-5	17	-2	74	16	0	49	55	MANSURA
62441	310	5	35	02	0	0	—	17.5	+2.3	21	27	-5	10	-7	74	96	0	34	44	TANTA
	220	2	15	00	0	0	—	17.8	+2.5	21	29	-3	15	-2	74	16	0	21	27	ZAGAZIG
	290	2	35	01	0	0	—	17.2		21	28		16		74	16	0	14		ISMAILIA
62361	290	3	12	03	0	3	Sc	17.9		19			15		73	14	0			FAROUK (Airport)
62372	00	0	50	00	0	0	—	17.7	+2.9	20	27		15		78	16	0			ALMAZA
	340	2	35	00	0	0	—	18.2	+3.4	20	27	-5	15	-4	72	15	0	8	26	EZBEKIYA
	340	2	35	00	0	0	—	18.2	+3.3	19	25	-5	13	-4	72	14	0	16	27	GIZA
62378	00	0	7	00	0	0	—	17.8	+3.1	19	26	-5	16	-3	73	14	0	16	29	HELWAN
62381	360	2	35	02	0	0	—			20	27	-6	14	-5	72	15	0	8	8	FAIYUM
62387	360	9	10	00	0	0	—	17.6		18	28		12		63	12	0	5		MINYA
62393	320	3	30	00	0	0	—	17.1		20			14		60	12	0	dr.		ASYUT MANDARA
62399	290	2	3	00	0	0	—	15.4	+3.4	21	29		17		65	14	0	0		NAG HAMMADI
62402	240	5	35	00	0	0	—	15.4	3.1	21	34	-2	17	-3	65	14	0	dr.		QENA
62405											31							dr.		LUXOR
62414	360	9	50	00	0	0	—	14.8	+3.5	23	32	-6	20	-3	57	14	0	2		ASWAN
62417	00	0	35	00	0	0	—	20.8	+4.3	18	29	-5	13	-3	73	13	0	1	8	SIWA
62420	360	5	35	02	1	4	Ac	18.6	+3.1	19	27	-5	13	-4	73	14	0	dr.	7	BAHARIYA
62423																		dr.		FARAFRA
62432	320	6	35	00	0	0	—	16.7	+2.8	19			16	-3	64	12	0	dr.		DAKHLA
62435	40	4	35	00	0	0	—	15.8	+2.8	21	29	-7	17	-3	69	15	0	0		KHARGA
62450	00	0	35	00	0	0	—	16.8	+3.1	19	29	-3	15	-2	83	16	0	12	17	SUEZ
62459	40	6	35	00	0	0	—	14.6	+3.2	18	28	-2	16	-4	73	13	0	dr.	13	TOR
62462	310	17		00	0	0	—	14.1		22	26		17		69	16	0	7		HURGHADA
62465	360	19	15	02	0	0	—	13.8	+2.4	25	27	-5	21	-4	54	15	0	0	4	QUSEIR
62641	300	11	30	03	1	7	Ac,Cs	11.9		27	35		25		62	19	0	61	106	PORT SUDAN
62600	360	13	30	03	0	1	Cc	13.9		22	35		19		38	7	0	27		WADI HALFA
62640	20	9	30	02	1	3	Ac	9.6		29	42		25		17	1	0			ABU HAMAD
62660	360	3	30	00	0	1	Cc	10.1		28	41		24		25	6	0	89	28	KAREIMA
62680	90	5	30	02	2	5	Ac,Cc	8.2		31	41		25		38	15	0	46	71	ATBARA
62721	270	10	30	02	0	1	Ac	8.2		29	42		27		18	2	0	49	165	KHARTUM
62730																	0	351	326	KASSALA
62751	200	9	50	02	1	7	Cu	9.8		25	39		23		70	19	0	250	398	WAD MEDANI
62801																			518	RENK
62802	110	2	35	02	1	8	Cc	9.3		27	37		21		70	21	0	582	809	ROSEIRES
62771	350	13	10	02	1	8	Ac	7.3		27	37		24		22	3	0	306	369	EL OBEID
62760	360	6	30	00	0	1	Cc			25	36		18		30	6	0	177	311	EL FASHER
62770	50	9	30	00	0	0	—			23	36		18		26	2	0		566	GENEINA
62840	130	4	30	03	2	7	Ac	10.7		24	33		23		94	23	0	1237	829	MALAKAL
62880	130	11	30	03	1	7	Ac	10.6		25	33		23		79	21	0	1263	1106	WAU
62941	160	2	30	02	2	8	Ac,Cb	11.6		25	33		19		79	21	dr.	787	767	JUBA

HUMIDITY %

Mean of day

STATION	on 30th	Diff. from normal
Alexandria	58	- 9
Ezbekiya	62	- 3
Giza	58	-10
Helwan	57	+3

GIZA GRASS MINIMUM TEMP ON 1st Oct. 5.3 °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 30th September,

STATION	Food A.P.				Port Said				Hurghada																	
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	10			320	14			340																	
600	330	23			320	19			330	30																
1000	320	20			320	17			320	19																
1500	330	14							300	24																
2000																										
3000																										
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 1st Oct.

STATION	SIDI BARANI		MATRUH		BOUAD AIRPORT		PORT SAID		EL 'ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA		
TIME	9		4		3		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	350	12	340	25	360	7	350	6							350	13					360	24		
600	340	16	340	33	340	9	350	6							350	16					330	31		
1000	340	14	340	33	340	10	60	4							360	14					310	23		
1500	360	16	340	35	330	18	30	6							360	11					310	21		
2000	10	16	340	22	360	9	360	7							10	4					250	3		
3000	330	11					330	17							290	8								
4000	330	8																						
5000																								
6000																								
7000																								
8000																								

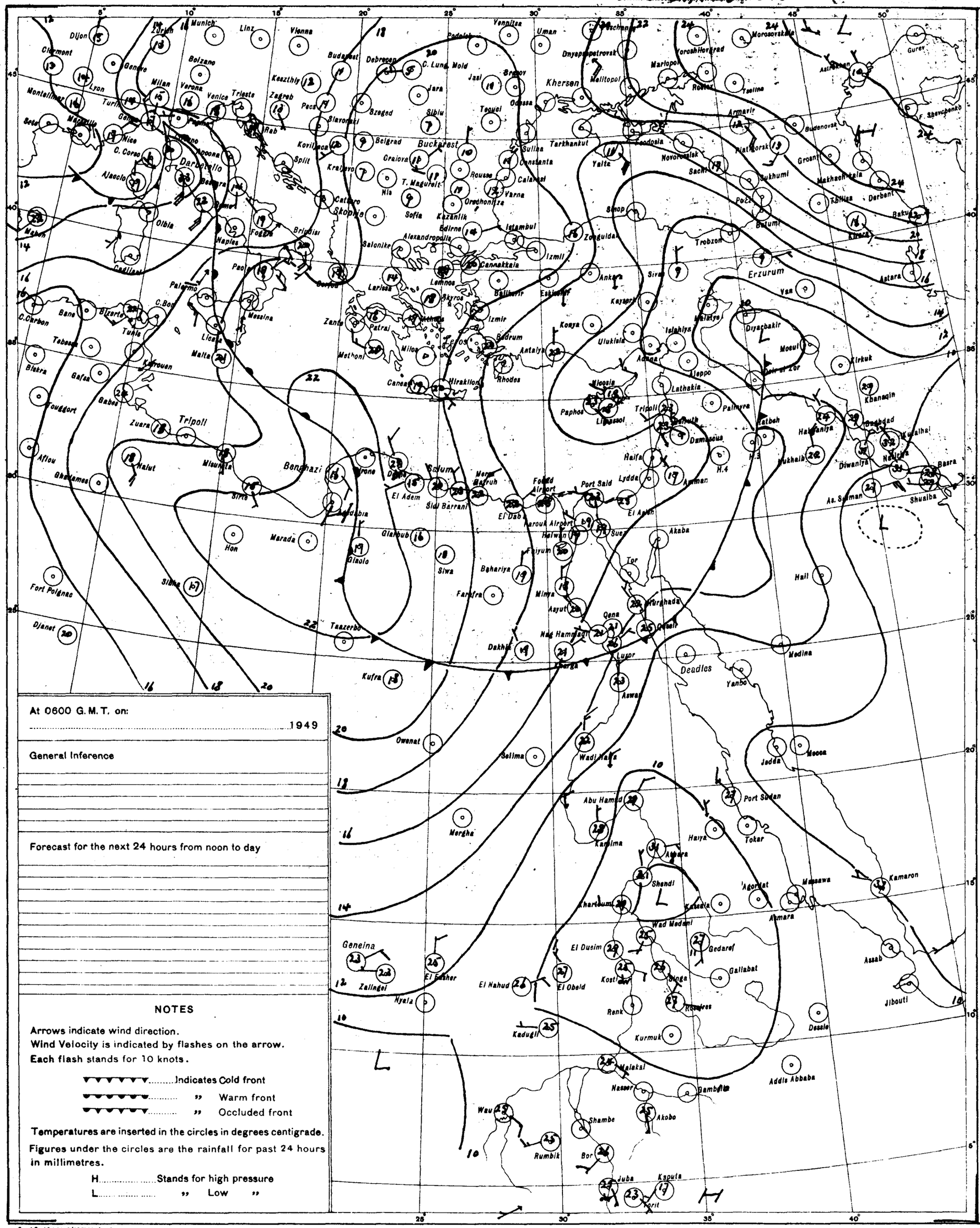
STATION	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME	9		9		9		7		4										4	15	4	30	4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	60	5	360	20	350	30	10	16	20	16													150	7
600	50	4	350	20	340	34	20	23	40	25														
1000	360	12	350	14	360	42	10	45	50	20									340	11	360	11	360	5
1500	360	12	360	33					360	6									30	11	30	5	60	5
2000	20	10	360	23															60	23				
3000	70	10																			70	5	60	2
4000	10	8																						
5000	50	4																						
6000	40	13																						
7000																								
8000																								

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

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 SATURDAY 1.10 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	(K)
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,
	Rain	21	•
	Showers of rain	25	• ▽
	,, ,, hail	27	▲
	Fog	28	≡
	Thunderstorm	29	K
Duststorm or Sandstorm		31	≈
Fog		45	≡
Drizzle		50	,
Rain		60	•
Showers of rain		80	• ▽
,, ,, hail		87	▲
Rain / Hail	Thunderstorm during the past hour	91	K• / K▲
Thunderstorm with rain		95	K•
,, ,, hail		96	K▲
,, ,, Sandstorm		98	K≈

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

Cloudless		—	○
Cirrus	Ci	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 48 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 : Sunday 2nd October, 1949

At 1200 on Satur 1st

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C	HUMIDITY %	DEW POINT °C
MEDITERRANEAN	62300	SALUM	360	9	7	01	0	0	—	19.1?	25	42	11
	62302	SIDI BARÂNI	330	9	50	02	0	2	Cu	19.8	24	61	16
	62306	MATRUH											
	62305	EL DABA	340	9	15	02	1	3	Cu	13.2	24	54	14
		ALEXANDRIA	310	5	50	02	1	3	Cu	18.3	24	54	14
	62316	FOUAD (Airport)	340	10	18	01	0	1	Sc	18.3	25	51	14
	62330	DAMIETTA	360	2	15	01	0	1	Cu	16.8	24	61	16
	62336	PORT SAÏD	350	11	30	02	0	1	Sc	17.1	24	61	16
	62336	EL 'ARISH	340	9	35	01	0	1	Cu	16.7	25	61	17
LOWER EGYPT	62339	DAMANHUR	360	9	15	02	1	1	Cu	18.4	26	48	14
	62342	MANSURA	20	9	35	02	1	2	Sc,Cu	17.1	28	40	13
	62345	TANTA	310	13	35	02	0	0	—	17.8	28	48	15
	62354	ZAGAZIG	320	2	35	02	1	2	Cu	16.7	29	46	16
	62441	ISMAILIA	360	5	35	03	1	3	Cu	16.2	28	40	13
CANAL AREA	62356	FAROUK (Airport)	320	8	30	01	1	1	Cu	16.7	27	40	12
	62372	ALMÂZA	350	10	30	01	0	2	Cu	16.4	27	42	13
		EZBEKÎYA	320	5	15	00	0	1	Cu	16.3	27	42	13
		GÎZA	320	5	15	00	0	1	Cu	16.6	27	43	13
	62378	HELWÂN	360	10	35	02	0	0	—	17.0	27	37	11
UPPER EGYPT	62381	FAIYÛM	360	8	35	02	0	0	—	16.6	28	40	13
	62387	MINYA	10	13	12	00	1	0	—	16.0	28	37	12
	62393	ASYÛT MANQABÂD											
	62399	NAG HAMMADI	270	4	7	00	0	0	—	13.0	28	45	15
	62402	QENA	240	5	50	00	0	0	—	12.6	31	31	12
	62405	LUXOR											
	62414	ASWÂN	360	8	50	00	0	0	—	12.0	31	31	12
OASES	62417	SÎWA	00	0	35	00	0	0	—	20.8	28	55	18
	62420	BAHARÎYA	360	4	35	02	1	0	—	17.0	27	37	11
	62423	FARAFRA											
	62432	DAKHLA	360	13	50	00	0	0	—		28	33	10
	62435	KHARGA	360	5	35	00	0	0	—	15.0	29	40	14
RED SEA	62450	SUEZ	310	6	50	02	0	0	—	13.8	28	40	13
	62459	TÛR	310	13	35	00	0	0	—	13.9	28	62	20
	62462	HURGHÂDA	350	12		00	0	0	—	12.7	25	74	20
	62465	QUSEIR	360	13	15	02	0	0	—	12.1	27	52	16
	62641	PORT SUDAN	350	13	30	03	1	2	Cc	8.0	33	53	22
NORTH SUDAN	62600	WÂDI HALFA											
	62640	ABU HAMAD	50	5	30	03	0	1	Cu	4.9	41	13	7
	62660	KAREIMA	20	4	30	01	1	3	Cu	5.1	41	23	16
	62680	ATBARA	90	9	30	01	1	1	Cc	4.4	41	18	12
	62721	KHARTÛM	270	8	30	02	0	1	Cu, Ac	3.8	39	13	6
	62730	KASSALA	200	2	30	00	1	0	—	4.8	38	29	17
CENTRAL SUDAN	62751	WAD MEDANI											
	62801	RENK	270	2	50	00	0	2	Sc	6.3	33	53	22
	62802	ROSEIRES											
	62771	EL OBEID	70	7	30	02	2	7		4.8	36	17	7
	62760	EL FASHER	60	3	30	00	0	0	—		35	18	7
	62770	GENEINA	90	6	30	00	0	1	Ac		35	13	3
S. SUDAN	62840	MALAKÂL	360	2	30	02	1	5	Cu, Ac	6.7	32	49	20
	62880	WÂU	00	0	30	03	1	7	Cb, Ci	6.2	33	47	20
	62941	JUBA											

At 1800 on Satur. 1st

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms
MEDITERRANEAN	62300	SALUM	320	3	15	02	1	0	—	13.9?	21	50	10	0
	62302	SIDI BARÂNI	10	6	15	00	0	0	—	19.9	22	74	17	0
	62306	MATRUH	20	6	13	00	1	0	—	19.1	21	57	12	0
	62305	EL DABA	340	11	7	03	1	5	Cb, Ac	18.1	21	65	14	0
		ALEXANDRIA	360	10	15	02	1	6	Cu	18.7	21	65	14	0
	62316	FOUAD (Airport)	360	8	12	03	1	4	Sc	18.2	21	69	15	0
	62330	DAMIETTA	320	2		00	0	0	—	17.4	22	65	15	0
	62336	PORT SAÏD	10	4	18	02	0	2	Sc	17.5	22	65	15	0
	62336	EL 'ARISH	360	5	15	03	1	2	Cu	16.2	23	61	15	0
LOWER EGYPT	62339	DAMANHUR	360	9	15	02	1	0	—	18.8	20	88	18	0
	62342	MANSURA	20	9	35	02	1	0	—	18.0	20	73	15	0
	62345	TANTA	310	13	35	02	0	0	—	18.6	22	74	17	0
	62354	ZAGAZIG	320	2	35	02	1	0	—	17.6	20	83	17	0
	62441	ISMAILIA	360	5	35	03	1	0	—	17.2	22	65	15	0
CANAL AREA	62356	FAROUK (Airport)	320	8	30	01	1	1	Cu	16.7	27	40	12	
	62372	ALMÂZA	350	10	30	01	0	2	Cu	16.4	27	42	13	20
		EZBEKÎYA	320	5	15	00	0	1	Cu	16.3	27	42	13	00
		GÎZA	320	5	15	00	0	1	Cu	16.6	27	43	13	00
	62378	HELWÂN	360	10	35	02	0	0	—	17.0	27	37	11	360
UPPER EGYPT	62381	FAIYÛM	360	8	35	02	0	0	—	16.6	28	40	13	360
	62387	MINYA	10	13	12	00	1	0	—	16.0	28	37	12	00
	62393	ASYÛT MANQABÂD												
	62399	NAG HAMMADI	270	4	7	00	0	0	—	13.0	28	45	15	290
	62402	QENA	240	5	50	00	0	0	—	12.6	31	31	12	240
	62405	LUXOR												00
	62414	ASWÂN	360	8	50	00	0	0	—	12.0	31	31	12	340
OASES	62417	SÎWA	00	0	35	00	0	0	—	20.8	28	55	18	00
	62420	BAHARÎYA	360	4	35	02	1	0	—	17.0	27	37	11	360
	62423	FARAFRA												
	62432	DAKHLA	360	13	50	00	0	0	—		28	33	10	320
	62435	KHARGA	360	5	35	00	0	0	—	15.0	29	40	14	00
RED SEA	62450	SUEZ	310	6	50	02	0	0	—	13.8	28	40	13	360
	62459	TÛR	310	13	35	00	0	0	—	13.9	28	62	20	310
	62462	HURGHÂDA	350	12		00	0	0	—	12.7	25	74	20	300
	62465	QUSEIR	360	13	15	02	0	0	—	12.1	27	52	16	330
	62641	PORT SUDAN	350	13	30	03	1	2	Cc	8.0	33	53	22	
NORTH SUDAN	62600	WÂDI HALFA												
	62640	ABU HAMAD	50	5	30	03	0	1	Cu	4.9	41	13	7	
	62660	KAREIMA	20	4	30	01	1	3	Cu	5.1	41	23	16	
	62680	ATBARA	90	9	30	01	1	1	Cc	4.4	41	18	12	
	62721	KHARTÛM	270	8	30	02	0	1	Cu, Ac	3.8	39	13	6	
	62730	KASSALA	200	2	30	00	1	0	—	4.8	38	29	17	
CENTRAL SUDAN	62751	WAD MEDANI												
	62801	RENK	270	2	50	00	0	2	Sc	6.3	33	53	22	
	62802	ROSEIRES												
	62771	EL OBEID	70	7	30	02	2	7		4.8	36	17	7	
	62760	EL FASHER	60	3	30	00	0	0	—		35	18	7	
	62770	GENEINA	90	6	30	00	0	1	Ac		35	13	3	
S. SUDAN	62840	MALAKÂL	360	2	30	02	1	5	Cu, Ac	6.7	32	49	20	
	62880	WÂU	00	0	30	03	1	7	Cb, Ci	6.2	33	47	20	
	62941	JUBA												

At 0600 on Sunday 2nd October.

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	BAR. PRESSURE Diff. from normal mbs	TEMPERATURES °C Dry Bulb	TEMPERATURES °C MAXIMUM Yesterday	TEMPERATURES °C MAXIMUM Diff. from normal	TEMPERATURES °C MINIMUM Today	TEMPERATURES °C 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
MEDITERRANEAN	62300	SALUM			15	03	1		ac	20.3		22	25		21?		65	15	0	0	
	62302	SIDI BARÂNI	350	9	35	03	1	6	Cb	20.0		23	25		20		84	20	0	0	
	62306	MATRUH	60	2	15	01	1	2	Cu	19.4		22	25?		20		61	14	0	0	
	62305	EL DABA	340	7	15	02	1	3	Cb	19.2		24	25		19		54	14	0	0	
		ALEXANDRIA	20	4	50	01	1	3	Sc, Cu	19.8	+4.4	23	26	-3	20	-1	61	15	0	0	0
	62316	FOUAD (Airport)	70	4	18	02	1	4	Cu	19.0		23	26		18		65	16	0	0	0
	62330	DAMIETTA	20	2	7	02	0	0	—	18.8	+4.3	23	26		16		61	15	0	0	0
	62336	PORT SAÏD	30	4	18	02	0	2	Sc	18.1		24	27		21		61	16	0	0	
	62336	EL 'ARISH	00	0	35	01	0	1	Cu	17.8	+3.4	23	27	-2	18	-1	61	15	0	0	0
LOWER EGYPT	62339	DAMANHUR	40	5	7	02	1	2	Cu	18.8	+3.5	21	27	-4	15	-3	74	16	0	0	0
	62342	MANSURA	20	5	35	00	0	0	—	19.1	+4.2	23	29	-3	15	-4	61	15	0	0	0
	62345	TANTA	310	5	35	02	0	0	—	19.1	+3.8	20	28	-4	11	-6	83	17	0	0	0
	62354	ZAGAZIG	320	5	15	00	0	0	—	19.0	+3.6	22	30	-2	14	-3	65	15	0	0	6
	62441	ISMAILIA	330	2	35	02	0	0	—	17.9		22	29		16		65	15	0	0	0
CANAL AREA	62356	FAROUK (Airport)	00	0	12	00	0	0	—	18.9		19			16		73	14		0	
	62372	ALMÂZA	00	0	12	00	0	0				19	28		15		73	14	0	0	
		EZBEKÎYA	360	4	7	05	0	0		18.7	+3.8	19	28	-4	16	-3	78	15	0	0	0
		GÎZA	360	4	7	05	0	0		18.8	+3.8	19	29	-2	14	-3	78	15	0	0	0
	62378	HELWÂN	20	8	15	00	0	0		18.4	+3.6	20	28	-3	17	-2	64	13	0	0	0
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0		18.6	+3.6	20	28	-5	15	-4	73	15	0	0	0
	62387	MINYA	360	7	10	00	0	0		17.5		19	28		15		73	14	0	0	0
	62393	ASYÛT MANQABÂD	340	2	30	00	0	0		15.1		23			15		50	12	0	0	
	62399	NAG HAMMADI	340	1	7	00	0	0		15.2	+2.9	28	29		16		35	11	0	0	0
	62402	QENA	270	6	35	00	0	0		14.3	+1.9	21	33	-3	18	-2	65	14	0	0	0
	62405	LUXOR	00	0	30	00	0	0		14.7		24	32		14		47	12	0	0	
	62414	ASWÂN	360	7	50	00	0	0		15.4	+3.0	22	32	-6	19	-4	57	13	0	0	0
OASES	62417	SÎWA	00	0	35	00	0	0		20.7	+4.1	16	30	-4	13	-3	59	8	0	0	0
	62420	BAHARÎYA	360	5	35	02	0	0		18.8	+3.2	18	28	-4	15	-2	63	15	0	0	0
	62423	FARAFRA																			
	62432	DAKHLA	00	0	35	00	0	0		16.9	+2.9	21	32	-3	15	-4	57	12	0	0	0
	62435	KHARGA	360	2	35	00	0	0		15.9	+2.7	23			18	-2	61	15	0	0	0
RED SEA	62450	SUEZ	360	3	50	00	0	0		17.2	+3.4	26	29	-3	18	-2	55	16	0	0	0
	62459	TÛR	360	2	35	00	0	0		15.1	+3.5	21	28	-2	16	-4	57	12	0	0	0
	62462	HURGHÂDA	320	16		00	0	0		14.0		23	26		16		74	18	0	0	
	62465	QUSEIR	330	9	15	02	0	0		13.8	+2.2	25	28	-4	20	-5	42	11	0	0	0
	62641	PORT SUDAN	310	10	30	03	2	7	Ac, Cs	10.8		31	35		23		38	15	0	0	0
NORTH SUDAN	62600	WÂDI HALFA	360	10	30	02	0	2	Ci	13.2		22	35		18		44	8	0	0	0
	62640	ABU HAMAD	360	9	10	03	1	6	Ac, Ci	9.0		31	42		25		16	2	0	0	
	62660	KAREIMA	70	5	30	01	1	6	Ac	9.1		30	41		27		24	7	0	0	0
	62680	ATBARA	20	5	30	02	2	8	Cs	9.2		32	41		25		28	11	0	0	0
	62721	KHARTÛM	90	8	2	01	1	3	Ci	6.9		34	40		29		25	11	0	0	0
	62730	KASSALA	00	0	30	02	1	8	Ac	8.5		29	39		25		49	17	0	0	0
CENTRAL SUDAN	62751	WAD MEDANI	200	9	50	01	1	4	Cu	7.6		30	37		24		55	20	0	0	0
	62801	RENK	230	9	50	01	1	4	Sc,	9.0		29	34		22		66	22	0	0	0
	62802	ROSEIRES	290	3	15	02	1	6	Ac, Cs	7.4		25	34		22		94	24	0	0	0
	62771	EL OBEID	330	12	10	02	1	4	Ac, Ci	6.4		27	37		23		60	20	0	0	0
	62760	EL FASHER	20	1	30	00	0	1	Ac			24	36		19		26	3	0	0	0
	62770	GENEINA	50	5	30	10	0	1	Ac			23	36		18		27	3	0	0	0
S. SUDAN	62840	MALAKÂL	230	1	30	01	2	4	Ac, Ci	9.1		28	33		25		79	24	0	0	0
	62880	WÂU	170	5	30	03	2	7	Ac, Ci	10.8		23	34		21		94	22	0	0	0
	62941	JUBA	180	3	30	03	2	7	Sc, Ac	10.4		25	35		21		78	20	0	0	0

HUMIDITY

Mean of day

STATION	%	Diff from normal
Alexandria	60	-7
Ezbekiya	62	-3
Giza	62	-6
Helwân	56	-12

GÎZA

GRASS MINIMUM TEMP. ON 2nd 3.5 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

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

Remarks

RAWINSONDE

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

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

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

UPPER WIND OBSERVATIONS on 1st Oct.

STATION	Matruh TIME 15 DIR.	Matruh VEL.	Fouad A.P. TIME 15 DIR.	Fouad A.P. VEL.	Port Said TIME 15 DIR.	Port Said VEL.	Hurghada TIME 15 DIR.	Hurghada VEL.												
HEIGHT m.																				
300	340	15	340	12	360	11	340	25												
600	340	15	330	10	360	16	320	22												
1000	330	23	350	9	360	9	330	16												
1500	340	12			360	5	310	13												
2000	340	29			30	3	310	6												
3000							310	11												
4000																				
5000																				
6000																				
7000																				
8000																				

UPPER WIND OBSERVATIONS on 2nd Oct.

STATION	SIDI BARÂNI TIME 9 DIR.	SIDI BARÂNI VEL.	MATRUH TIME 4 30 DIR.	MATRUH VEL.	FOUAD AIRPORT TIME 9 DIR.	FOUAD AIRPORT VEL.	PORT SAÏD TIME 3 DIR.	PORT SAÏD VEL.	EL 'ARISH DIR.	EL 'ARISH VEL.	HELWÂN DIR.	HELWÂN VEL.	MINYA DIR.	MINYA VEL.	ASYÛT MANQABÂD DIR.	ASYÛT MANQABÂD VEL.	LUXOR DIR.	LUXOR VEL.	ASWÂN DIR.	ASWÂN VEL.	HURGHADA TIME 9 DIR.	HURGHADA VEL.		
HEIGHT m.																								
300	10	14	350	14	10	12	40	5													340	28		
600	20	17	360	16	10	20	60	6													320	24		
1000	20	19	360	16	30	13	50	6													310	13		
1500	10	24	360	22	100	9																		
2000	20	23	360	28																				
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

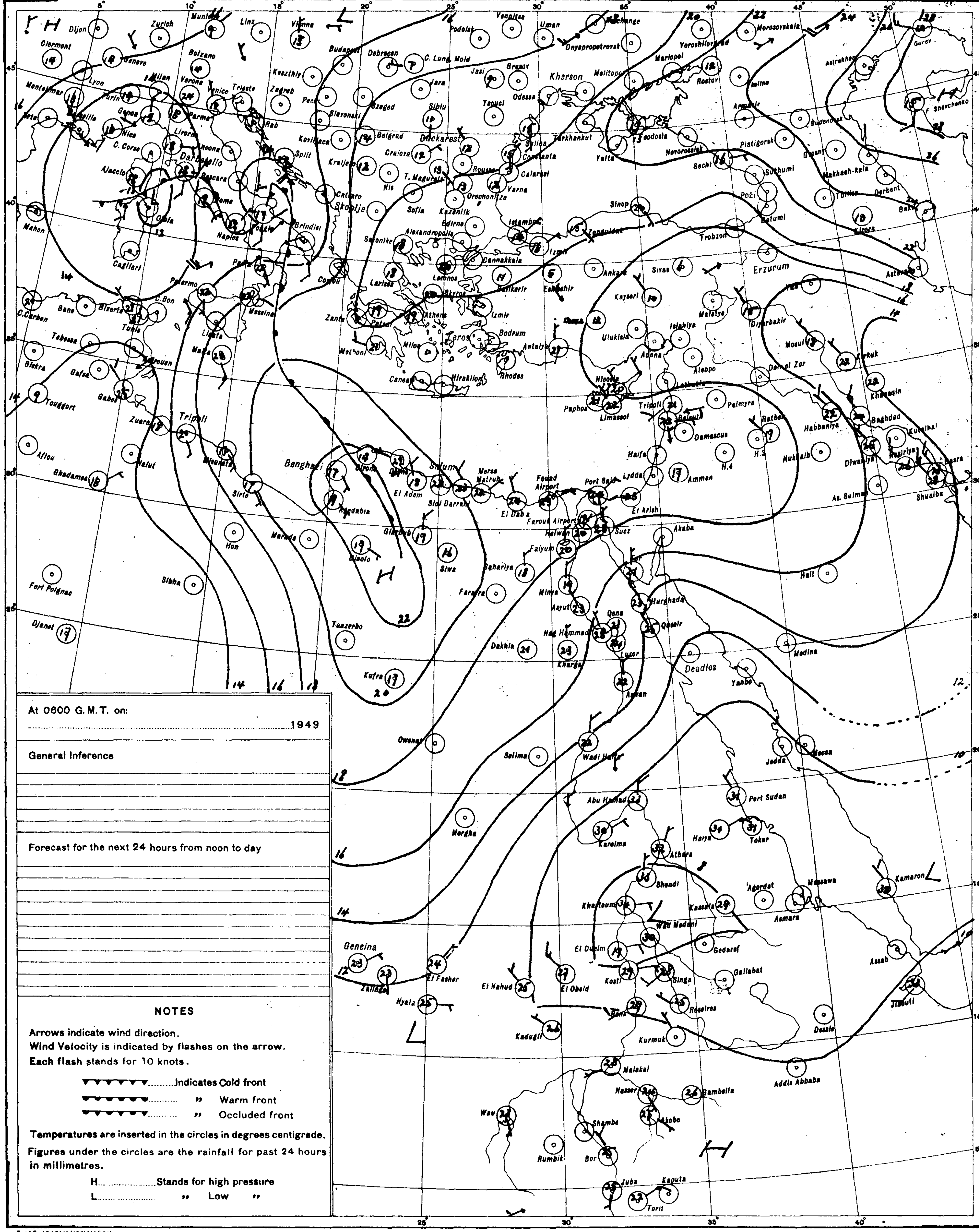
STATION	SÎWA TIME 9 DIR.	SÎWA VEL.	BAHARÎYA TIME 9 DIR.	BAHARÎYA VEL.	DAKHLA TIME 9 DIR.	DAKHLA VEL.	KHARGA TIME 7 DIR.	KHARGA VEL.	WÂDI HALFA DIR.	WÂDI HALFA VEL.	ABÛ HAMAD TIME 3 45 DIR.	ABÛ HAMAD VEL.	KAREIMA DIR.	KAREIMA VEL.	KHARTÛM DIR.	KHARTÛM VEL.	KASSALA DIR.	KASSALA VEL.	EL OBEID DIR.	EL OBEID VEL.	EL FÂSHER TIME 5 DIR.	EL FÂSHER VEL.	MALAKÂL TIME 4 DIR.	MALAKÂL VEL.
HEIGHT m.																								
300	50	7	360	22	340	30	10	16																
600	50	8	10	12	350	25	10	23			50	20											240	6
1000	30	17	10	23	40	11	20	15			80	21									360	12	230	1
1500	40	22	20	46	90	16	240	8			60	19									60	10	90	3
2000	60	22					30	3													90	10		
3000																					90	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 *SUNDAY 2-10-* 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 / Thunderstorm during the past hour	91	
Hail / Thunderstorm during the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

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

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 49 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 : Monday 3rd October, 1949

At 1200 on Sun. 2nd Oct

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	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	6	7	01	0	0	—		25	58	16
	62303	SIDI BARÂNI	10	9	50	01	1	2	Cb	20.6	25	61	17
	62306	MATRÛH	20	11	17	01	1	1	Cu	20.0	25	54	15
	62309	EL DABA	360	5	35	01	1	2	Cu	19.3	24	54	14
		ALEXANDRIA	20	8	50	01	1	2	Cu	19.0	23	65	16
	62318	FOUAD (Airport)	20	14	18	01	1	1	Cu	18.9	26	51	15
	62330	DAMIETTA	20	2	15	02	0	2	Cu	18.0	25	54	15
	62333	PORT SA'ÎD	20	9	30	03	0	2	Sc	17.8	27	52	16
	62336	EL 'ARISH	320	5	35	01	0	0	—	16.7	25	61	17
LOWER EGYPT	62339	DAMANHÛR	40	9	15	02	1	1	Cu	18.3	27	58	18
	62342	MANSÛRA	40	13	35	01	1	1	Sc,Cu	17.9	29	40	14
	62348	TANTA	310	13	35	02	0	0	—	17.9	28	40	13
	62354	ZAGAZIG	40	5	35	00	0	0	—	17.4	27	52	16
	62441	ISMA'ÎLIA	20	5	35	03	1	3	Cu	16.6	29	40	14
CAIRO AREA	62366	FAROUK (Airport)	70	9	30	00	0	0	—	16.8	28	42	14
	62372	ALMÂZA	360	13	30	00	0	0	—	16.6	28	40	13
		EZBEKÎYA	40	5	35	00	0	0	—	16.6	28	42	14
		GÎZA	40	5	35	00	0	0	—	17.0	28	39	13
	62378	HELWÂN	360	10	35	02	0	0	—	16.0	28	27	7
UPPER EGYPT	62381	FAIYÛM	360	2	35	02	0	0	—	16.2	28	40	13
	62387	MINYA	20	13	12	00	0	0	—	15.8	29	29	9
	62393	ASYÛT MANQABÂD	340	6	30	00	0	0	—	14.5	31	22	7
	62399	NAG' HAMMÂDI	280	2	15	00	0	0	—	13.0	31	38	15
	62402	QENA	270	5	50	00	0	0	—	13.0	32	34	14
	62405	LUXOR											
	62414	ASWÂN	360	13	50	00	0	0	—	11.0	34	22	9
OASES	62417	SÎWA	00	0	35	00	0	0	—	20.6	30	59	21
	62420	BAHARÎYA	360	4	35	02	0	0	—	17.2	28	33	10
	62423	FARAFRA											
	62432	DAKHLA	320	9	50	00	0	0	—	13.4	29	35	12
	62436	KHARGA	360	2	35	00	0	0	—	14.2	31	38	15
RED SEA	62450	SUEZ	360	2	50	02	0	0	—	13.9	30	31	11
	62459	TÛR	360	11	35	00	0	0	—	13.5	27	62	19
	62462	HURGHÂDA	350	10		00	0	0	—	13.5	25	84	22
	62465	QUSEIR	360	13	15	02	0	0	—	13.5	28	52	17
	62641	PORT SÛDÂN	350	15	7	07	1	0	—	8.0	33	59	24
NORTH SÛDÂN	62600	WÂDI HALFA	10	12	30	00	0	0	—	10.3	35	12	1
	62640	ABU HAMAD	50	5	30	03	0	1	Cu	4.5	41		
	62660	KAREIMA	10	6	30	00	1	1	Cu	5.1	41	10	3
	62680	'ATBARA	70	9	10	00	2	0	—	3.2	42	17	12
	62721	KHARTÛM	50	10	30	01	1	1	Cu,ac	3.0	40		
	62730	KASSALA											
CENTRAL SÛDÂN	62751	WÂD MEDANI											
	62801	RENK	180	5	50	02	1	7	Sc	6.0	33	53	22
	62802	ROSEIRES											
	62771	EL OBEID	60	4	10	02	0	3	ac	3.3	38	11	3
	62760	EL FÂSHER	20	9	30	00	0	0	—		36	15	6
	62770	GENEINA	50	8	30	00	0	0	—		35	15	5
S. SÛDÂN	62840	MALAKÂL	80	3	30	81	2	7	Cb.	4.7	33	53	22
	62880	WÂU	200	3	30	01	2	4	Cu, ac	6.0	33	53	22
	62941	JUBA											

At 1800 on Sun. 2nd Oct.

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST 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	3	15	03	1	3	ac	19.2?	21	50	10	0
62303	SIDI BARÂNI	20	5	35	02	1	2	Cb	20.2	21	88	19	0
62306	MATRÛH	40	8	12	03	1	1	Cu	20.5	21	74	16	0
62309	EL DABA	40	3	7	00	0	0	—	18.4	22	65	15	0
	ALEXANDRIA	330	10	7	01	1	3	Sc,Cu	19.9	22	65	15	0
62318	FOUAD (Airport)	40	8	18	02	1	2	Sc	19.8	20	78	16	0
62330	DAMIETTA				01	0	0	—	18.4	23	65	16	0
62333	PORT SA'ÎD	40	15	15	02	0	0	—	18.7	24	57	15	0
62336	EL 'ARISH	320	5	15	02	0	0	—	17.9	24	61	16	0
62339	DAMANHÛR	40	5	15	02	0	0	—	19.5	21	74	16	0
62342	MANSÛRA	20	5		00	1	8	—	19.9	21	74	16	0
62348	TANTA	270	2	35	02	0	0	—	19.6	21	65	14	0
62354	ZAGAZIG	40	5	35	00	0	0	—	19.4	20	83	17	0
62441	ISMA'ÎLIA	20	2	35	01	0	0	—	18.3	23	61	15	0
62366	FAROUK (Airport)												
62372	ALMÂZA	30	13	18	00	0	0	—	18.4	22	69	16	0
	EZBEKÎYA	40	5	15	00	0	0	—	18.6	22	61	14	0
	GÎZA	40	5	15	00	0	0	—	18.8	23	56	14	0
62378	HELWÂN	360	15	15	02	0	0	—	17.9	23	61	15	0
62381	FAIYÛM	360	5	35	02	0	0	—	17.5	24	54	14	0
62387	MINYA	10	8	10	00	0	0	—	16.0	21	57	12	0
62393	ASYÛT MANQABÂD												
62399	NAG' HAMMÂDI	00	0	7	00	0	0	—	14.0	24	54	14	0
62402	QENA	240	9	7	00	0	0	—	13.0	25	47	13	0
62405	LUXOR	00	0	12	00	0	0	—	12.9	26	48	14	0
62414	ASWÂN	00	0	50	00	0	0	—	12.6	30	25	8	0
62417	SÎWA	00	0	35	00	0	0	—	20.0	26	55	16	0
62420	BAHARÎYA	360	2	15	02	0	0	—	17.9	23	44	10	0
62423	FARAFRA												
62432	DAKHLA	320	4	35	00	0	0	—	14.7	25	42	11	0
62436	KHARGA	360	1	15	00	0	0	—	15.1	26	42	12	0
62450	SUEZ	360	7	35	02	0	0	—	16.6	24	54	14	0
62459	TÛR	310	3	15	00	0	0	—	13.4	26	55	16	0
62462	HURGHÂDA	290	10		00	0	0	—	13.2	24	70	19	0
62465	QUSEIR	360	13	15	02	0	0	—	13.1	25	54	15	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 3rd October,

INDEX NUMBER	STATION	WIND 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	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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.
62300	SALUM	360	3	15	03	1	5	ac	20.3		23	25		22?		61	15	0	0	
62303	SIDI BARANI	30	5	35	02	2	6	Cb	24.4		22	25		20		78	18	0	0	0
62306	MATRUH	50	9	15	01	2	3	Cu	20.7		23	26		19		65	16	0	0	
62309	EL DABA	360	7	35	00	0	0	—	19.0		24	27		17		61	16	0	0	
	ALEXANDRIA	40	11	50	00	0	0	—	20.4	+4.9	23	25	-4	21	0	61	15	0	0	0
62318	FOUAD (Airport)	40	13	18	02	0	0	—	19.9		24	26		17		61	16	0	0	0
62330	DAMIETTA	20	2		03	1	3	Cu	17.8	+3.2	24	25		21		69	18	0	0	0
62333	PORT SA'ID	40	16	18	03	0	4	Sc	18.5		25	27		23		65	18	0	0	
62336	EL 'ARISH	00	0	35	03	1	4	Cu	18.2	+3.7	24	26	-3	15	-3	69	18	0	0	0
62339	DAMANHUR	90	9	7	02	0	0	—	19.0	+3.6	22	29	-2	16	-2	74	17	0	0	0
62342	MANSURA	40	9	35	00	0	0	—	19.4	+4.4	24	30	-2	18	-1	69	18	0	0	0
62348	TANTA	360	8	35	02	0	0	—	19.5	+4.1	22	28	-6	12	-5	74	17	0	0	0
62354	ZAGAZIG	320	5	15	00	0	0	—	18.7	+3.2	23	29	-3	16	-1	74	18	0	0	0
62441	ISMAILIA	20	2	35	01	0	0	—	17.8		23	29		17		61	15	0	0	0
62366	FAROUK (Airport)	20	6	5	00	0	0	—	17.9		21			16		78	17	0	0	
62372	ALMAZA	30	7	12	00	0	0	—	18.1	+3.1	19	29		16		83	16	0	0	
	EZBEKIYA	20	3	15	00	0	0	—	18.3	+3.3	19	29	-2	16	-3	83	16	0	0	0
	GIZA	20	3	15	00	0	0	—	18.6	+3.6	20	29	-2	15	-4	80	16	0	0	0
62378	HELWAN	20	16	15	02	0	0	—	17.6	+2.7	23	29	-2	19	0	61	15	0	0	0
62381	FAIYUM	360	8	35	02	0	0	—	17.2	+2.1	20	29	-3	18	0	83	17	0	0	0
62387	MINYA	10	9	10	00	0	0	—	16.6		20	29		16		78	16	0	0	0
62393	ASYUT MANQABAD	320	2	30	00	0	0	—	16.1		20			15		69	14	0	0	0
62399	NAG' HAMMADI	340	1	7	00	0	0	—	14.8	+2.4	22	32		16		65	15	0	0	0
62402	QENA	270	5	35	00	0	0	—	14.7	+2.2	21	35	-1	18	-2	74	16	0	0	0
62405	LUXOR	00	0	30	00	0	0	—	14.2		25	34		16		51	14	0	0	
62414	ASWAN	340	6	50	00	0	0	—	13.8	+2.3	22	35	-3	19	-4	69	16	0	0	0
62417	SIWA	40	4	35	00	0	0	—	21.1	+4.4	21	31	-3	15	-1	74	16	0	0	0
62420	BAHARIYA	360	4	35	02	0	0	—	18.7	+3.0	19	29	-3	16	-1	83	*16	0	0	0
62423	FARAFRA																	0	0	
62432	DAKHLA	320	10	35	00	0	0	—	16.8	+2.7	21	32	-3	19	0	65	14	0	0	0
62436	KHARGA	360	2	35	00	0	0	—	16.3	+3.1	22	31	-5	16	-4	65	15	0	0	0
62450	SUEZ	360	4	50	00	0	0	—	17.1	+3.2	23	31	-1	18	+2	61	15	0	0	0
62459	TOR	40	4	35	00	0	0	—	14.4	+2.7	23	28	-2	18	-2	44	10	0	0	0
62462	HURGHADA	320	15		00	0	0	—	13.5		23	27		19		78	19	0	0	
62465	QUSEIR	330	9	15	02	0	0	—	13.5	+1.8	26	28	-4	22	-3	42	12	0	0	0
62641	PORT SUDAN																	0	0	0
62600	WADI HALFA																	0	0	
62640	ABU HAMAD																	0	0	
62660	KAREIMA																	0	0	0
62680	'ATBARA																	0	0	0
62721	KHARTUM																	0	0	0
62730	KASSALA																	0	0	0
62751	WAD MEDANI																	0	0	0
62801	RENK																	0	0	1
62802	ROSEIRES																	5	5	1
62771	EL OBEID																	1	1	0
62760	EL FASHER																	0	0	0
62770	GENEINA																	0	0	0
62840	MALAKAL	90	10	30	03	2	8	Sc	13.6		22	34		20		94	21	8	8	4
62880	WAU	110	5	30	01	1	5	ac,cc	10.0		23			20		89	21	1	1	5
62941	JUBA																	10	10	4

HUMIDITY

Mean of day %

STATION	on 2nd	Diff. from normal
Alexandria	61	-6
Ezbekiya	63	-2
Giza	61	-7
Helwan	56	+2

GÎZA
GRASS MINIMUM TEMP.
ON 3rd 6.8 °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.	AIRPORT On ..... At ..... HEIGHT ABOVE M.S.L. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.	AIRPORT On ..... At ..... HEIGHT ABOVE M.S.L. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.	AIRPORT On ..... At ..... 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 Oct.

STATION	Foad A.P.			Port Said			Hurghada															
TIME	15			15			15															
HEIGHT m.	DIR.	VEL.		DIR.	VEL.		DIR.	VEL.														
300	20	16		20	11		340															
600	20	14		20	12		340	15														
1000	50	10		50	14		300	3														
1500	40	8		20	12		300	2														
2000	10	10					340	10														
3000	330	9					320	16														
4000																						
5000																						
6000																						
7000																						
8000																						

UPPER WIND OBSERVATIONS on 3rd Oct.

STATION	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SAID		EL 'ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA		
TIME	9		5		3		4								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	20	16	20	10	20	16	40	15							330	8					340	28		
600	30	11	20	10	30	20	60	22							330	13					330	15		
1000	60	10	10	10	40	19									320	13					320	17		
1500	50	17			40	23									280	4					30	11		
2000	50	18			50	18									360	4					60	6		
3000					50	18									50	9					340	11		
4000																								
5000																								
6000																								
7000																								
8000																								

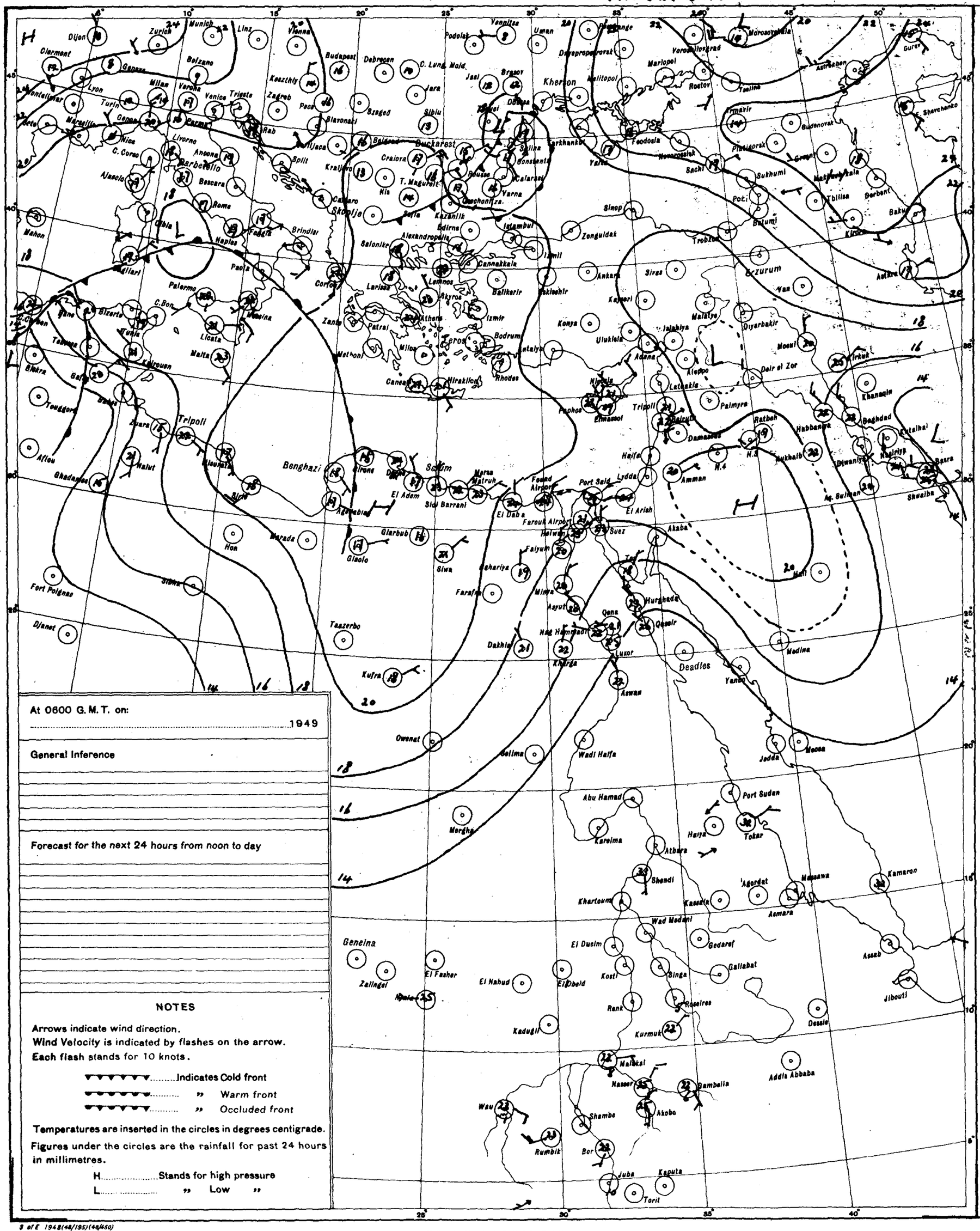
STATION	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME	9		9		9		7		4										4		4 45			
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	50	24	10	39	350	12	360	16	10	13														
600	50	22	20	39	350	10	360	16	50	13														
1000	70	3	30	34	360	16	20	15	50	17									30	18	110	10		
1500	50	25	40	26	340	8	20	4	30	17									330	7	70	19		
2000	60	22	30	33			360	3	340	12											70			
3000	30	18							320	13									60	23	340	10		
4000									260	9														
5000																								
6000																								
7000																								
8000																								

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

Note: All times G. M. T.

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

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON MONDAY 3.10 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	(R)
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,
	Rain	21	•
	Showers of rain	25	▽
	" " hail	27	▲
	Fog	28	≡
	Thunderstorm	29	R
Duststorm or Sandstorm		31	≈
Fog		45	≡
Drizzle		50	,
Rain		60	•
Showers of rain		80	▽
" " hail		87	▲
Rain + Thunderstorm during the past hour		91	R•
Hail + Thunderstorm during the past hour		93	R△
Thunderstorm with rain		95	R
" " hail		96	R▲
" " Sandstorm		98	R

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

Cloudless		—	○
Cirrus	Ci	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 50 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 4th October, , 1949

At 1200 on Mon. 3rd

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C
MEDITERRANEAN	62300	SALUM	360	4	7	02	1	5	ac	20.3	23	61	15
	62303	SIDI BARÂNI	360	8	50	02	2	7	Cb	20.7	24	74	19
	62306	MATRÛH	40	8	17	01	0	0	—	19.9	25	61	17
	62309	EL DABÂ	360	4	35	00	0	0	—	18.0	26	48	14
		ALEXANDRIA	20	14	50	00	0	0	—	17.2	23	65	16
	62318	FOUAD (Airport)	20	17	18	02	6	2	Sc	18.1	27	55	17
	62330	DAMIETTA	40	2	15	02	1	4	Cu	16.8	25	61	17
	62333	PORT SA'ID	30	13	30	02	0	1	Sc	15.8	27	55	17
	62336	EL 'ARISH	360	9	35	01	0	0	—	15.9	27	55	17
LOWER EGYPT	62339	DAMANHUR	90	13	15	02	0	0	—	18.2	28	27	7
	62342	MANSURA	360	9	35	00	0	0	—	17.5	29	40	14
	62348	TANTA	310	13	35	02	0	0	—	17.2	29	35	14
	62354	ZAGAZIG	320	6	35	00	0	0	—	16.0	28	45	15
	62441	ISMÂILIA	40	9	35	03	1	3	Cu	15.5	29	40	14
CAIRO AREA	62366	FAROUK (Airport)	20	24	18	00	0	0	—	15.0	28	37	12
	62372	ALMAZA	20	21	12	00	0	0	—	15.3	29	46	16
		EZBEKIYA	40	2	35	00	0	0	—	15.4	29	43	15
		GÎZA	40	2	35	00	0	0	—	15.6	29	46	16
	62378	HELWÂN	360	16	15	02	0	0	—	14.4	30	31	11
UPPER EGYPT	62381	FAIYUM	360	8	35	02	0	0	—	14.3	30	35	13
	62387	MINYA	10	10	12	00	0	0	—	13.9	30	35	13
	62393	ASYÛT (Mangabad)	320	3	30	00	0	0	—	13.2	31	28	10
	62399	NAG' HAMMÂDI	290	1	15	00	0	0	—	11.6	32	34	14
	62402	QENA	270	5	50	00	0	0	—	13.0	33	34	15
	62405	LUXOR											
	62414	ASWAN	20	7	60	00	0	0	—	9.8	35	19	8
OASES	62417	SIWA	40	6	35	00	0	0	—	21.0	29	52	18
	62420	BAHARIYA	360	4	35	02	0	0	—	16.2	30	35	13
	62423	FARAFRA											
	62432	DAKHLA	320	11	60	00	0	0	—	14.4	29	35	12
	62435	KHARGA	360	1	35	00	0	0	—	14.2	31	38	15
RED SEA	62450	SUEZ	360	10	50	02	0	0	—	13.6	30	40	15
	62459	TÛR	310	11	35	00	0	0	—	11.2	27	62	19
	62462	HURGHADA	340	13		00	0	0	—	11.1	26	79	22
	62465	QUSEIR	360	9	15	02	0	0	—	11.3	28	62	20
	62641	PORT SUDAN											
NORTH SUDAN	62600	WÂDI HALFA											
	62640	ABU HAMAD											
	62660	KAREIMA											
	62680	ATBARA	70	5	30	03	2	7	Cb, Cc	3.7	41	8	0
	62721	KHARTUM	60	13	30	03	1	7	Cu, Cc	6.3	40	9	1
	62780	KASSALA	180	2	30	00	1	0	—	4.6	37	27	15
CENTRAL SUDAN	62751	WAD MEDANI	180	2	35	01	1	4	Cu	1.8	36	31	16
	62801	RENK	180	2	50	02	1	6	Sc		31	59	22
	62802	ROSEIRES	250	2	35	00	0	0	—	5.9	33	53	22
	62771	EL OBEID	120	8	30	03	0	4	Cu, Ac	4.4	36	31	16
	62760	EL FASHER	80	11	30	02	0	1	Ac		37	14	6
	62770	GENEINA	90	9	30	02	1	7	Cs		34	12	1
S. SUDAN	62840	MALAKÂL	180	4	30	01	2	7	Ac	8.1	29	59	20
	62880	WAU	00	0	30	03	2	8	Cs	6.4	33	44	19
	62941	JUBA	90	2	30	03	2	7	Cu, Sc	7.5	31	65	21

At 1800 on Mon. 3rd

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms
62300	SALUM	360	4	15	02	1	5	Ac	19.6	23	65	16	0
62303	SIDI BARÂNI	360	5	35	02	2	5	Cb	20.4	22	83	19	0
62306	MATRÛH	360	11	15	02	1	3	Sc	18.3	22	83	19	0
62309	EL DABÂ	320	9	35	00	0	0	—	18.8	22	74	17	0
	ALEXANDRIA	360	3	50	00	0	0	—	17.0	25	77	18	0
62318	FOUAD (Airport)	360	10	18	02	0	0	—	17.4	24	65	16	0
62330	DAMIETTA	360	6	12	02	0	0	—	17.0	24	77	18	0
62333	PORT SA'ID	340	5	7	02	0	0	—	16.2	24	74	18	0
62336	EL 'ARISH	360	6	12	02	0	0	—	16.0	24	69	18	0
62339	DAMANHUR	340	5	35	01	0	0	—	16.0	25	84	22	0
62342	MANSURA	40	5	7	02	0	0	—	17.9	21	73	15	0
62348	TANTA	360	5	35	00	0	0	—	16.7	22	83	18	0
62354	ZAGAZIG	310	2	35	02	0	0	—	17.3	21	74	16	0
62441	ISMÂILIA	320	5	35	00	0	0	—	17.5	20	83	17	0
62366	FAROUK (Airport)												
62372	ALMAZA	20	5	10	01	2	2	Sc	16.7	23	65	16	0
	EZBEKIYA	40	2	3	05	3	1	Cu	16.4	22	69	16	0
	GÎZA	40	2	3	05	3	1	Cu	16.1	22	59	13	0
62378	HELWÂN	360	11	15	00	0	1	Cu	16.2	23	56	12	0
62381	FAIYUM	360	5	35	00	0	0	—	15.5	25	42	11	0
62387	MINYA	20	12	10	00	0	0	—	14.0	25	51	14	0
62393	ASYÛT (Mangabad)												
62399	NAG' HAMMÂDI	00	0	7	00	0	0	—	13.0	25	47	13	0
62402	QENA	270	5	7	00	0	0	—	11.6	26	42	12	0
62405	LUXOR	230	5	12	00	0	0	—	11.5	26	42	12	0
62414	ASWAN	360	6	50	00	0	0	—	9.8	32	22	8	0
62417	SIWA	00	0	35	00	0	0	—	19.6	27	52	16	0
62420	BAHARIYA	15	0	35	02	0	0	—	16.4	24	47	12	0
62423	FARAFRA												
62432	DAKHLA									25	42	11	0
62435	KHARGA	360	0	15	00	0	0	—	14.3	26	42	12	0
62450	SUEZ	00	0	35	00	0	0	—	15.8	24	54	14	0
62459	TÛR	310	10	15	00	0	0	—	12.1	26	74	21	0
62462	HURGHADA	300	12		00	0	0	—	11.1	25?	66	19	0
62465	QUSEIR	360	9	15	02	0	0	—	11.6	26	48	14	0
62641	PORT SUDAN												
62600	WÂDI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	ATBARA												
62721	KHARTUM												
62780	KASSALA												
62751	WAD MEDANI	180	2	35	01	1	4	Cu	1.8	36	31	16	
62801	RENK	180	2	50	02	1	6	Sc		31	59	22	
62802	ROSEIRES	250	2	35	00	0	0	—	5.9	33	53	22	
62771	EL OBEID	120	8	30	03	0	4	Cu, Ac	4.4	36	31	16	
62760	EL FASHER	80	11	30	02	0	1	Ac		37	14	6	
62770	GENEINA	90	9	30	02	1	7	Cs		34	12	1	
62840	MALAKÂL	180	4	30	01	2	7	Ac	8.1	29	59	20	
62880	WAU	00	0	30	03	2	8	Cs	6.4	33	44	19	
62941	JUBA	90	2	30	03	2	7	Cu, Sc	7.5	31	65	21	

At 0600 on Tuesday 4th October,

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	Diff. from normal mbs.	TEMPERATURES °C Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C	RAINFALL mms. Past 24 hrs.	RAINFALL Total From Oct. 1st.	RAINFALL Normal From Oct. 1st.
62300	SALUM	320	6	15	01	1	3	Ac	18.4		23	25		27?		65	16	0	0	
62303	SIDI BARÂNI	330	11	35	03	2	4	Cb	19.5		23	23		21		89	21	0	6	
62306	MATRÛH	360	11	15	02	1	3	Sc	18.3		22	25		21		83	19	0	6	
62309	EL DABÂ	320	9	35	00	0	0	—	17.0		25	27		18		65	18	0	0	
	ALEXANDRIA	360	3	50	00	0	0	—	17.4	+1.8	24	25	-4	21	0	69	18	0	0	0
62318	FOUAD (Airport)	360	10	18	02	0	0	—	17.0		24	27		18		65	17	0	0	1
62330	DAMIETTA	340	5	7	02	0	0	—	16.2	+1.5	24	26		18		74	19	0	0	0
62333	PORT SA'ID	360	6	12	02	0	0	—	16.0		24	28		22		69	18	0	0	
62336	EL 'ARISH	340	5	35	01	0	0	—	16.0	+1.4	25	27	-2	17	-1	70	19	0	0	0
62339	DAMANHUR	40	5	7	02	0	0	—	17.9	+2.4	21	29	-2	16	-2	83	18	0	0	0
62342	MANSURA	360	5	35	00	0	0	—	16.7	+1.6	22	30	-2	19	0	74	17	0	0	0
62348	TANTA	310	2	35	02	0	0	—	16.5	+1.0	22	29	-3	11?	-6	74	17	0	0	0
62354	ZAGAZIG	320	5	35	00	0	0	—	16.4	+0.8	22	30	-2	16	-1	83	19	0	0	0
62441	ISMÂILIA	360	2	35	01	0	0	—	15.8		23	29		18		74	18	0	0	0
62366	FAROUK (Airport)																		0	0
62372	ALMAZA	20	5	10	01	2	2	Sc	16.2	+1.2	20	31		16		88	18	0	0	6
	EZBEKIYA	40	2	3	05	3	1	Cu	16.6	+1.6	20	30	-1	16	-3	78	16	0	0	0
	GÎZA	40	2	3	05	3	1	Cu	16.8	+1.7	20	30	-1	16	0	82	18	0	0	0
62378	HELWÂN	360	11	15	00	0	1	Cu	16.2	+1.1	22	30	-1	19	0	74	17	0	0	0
62381	FAIYUM	20	5	35	02	0	0	—	16.0	+0.9	21	31	-1	16	-2	83	18	0	0	0
62387	MINYA	20	13	10	00	0	0	—	15.1		21	31		18		74	16	0	0	0
62393	ASYÛT (Mangabad)	340	4	30	00	0	1	Cu	14.3		21			16		74	16	0	0	
62399	NAG' HAMMÂDI	00	0	7	00	0	0	—	13.0	+0.5	20	32		15		88	18	0	0	0
62402	QENA	240	5	35	00	0	0	—	12.6	0.0	22	35	-1	20	0	74	17	0	0	0
62405	LUXOR	360	7	50	00	0	1	Cu			22	36		18		74	17	0	0	
62414	ASWAN	340	1	50	00	0	0	—	12.3	+1.1	23	36	-2	19	-4	61	15	0	0	0
62417	SIWA	320	6	35	03	2	8	Sc, Cu	20.8	+4.0	18	31	-3	15	-1	46	6	0	0	0
62420	BAHARIYA	360	5	35	02	1	4	Ac	17.8	+2.0	18	30	-2	16	-1	83	15	0	0	0
62423	FARAFRA																		0	
62432	DAKHLA	320	11	35	00	0	0	—	15.2	+1.0	20	33	-2	18	-1	73	15	0	0	0
62435	KHARGA	00	0	35	00	0	0	—	14.6	+1.3	23	32	-4	19	-1	65	16	0	0	0
62450	SUEZ	360	7	50	00	0	1	Cu	15.9	+1.9	22	32	0	18	-2	74	17	0	0	0
62459	TÛR	310	8	35	00	0	0	—	12.3	+0.5	23	28	-2	18	-2	74	18	0	0	0
62462	HURGHADA	320	17		00	0	0	—	11.3		23	27		19		78	19	0	0	
62465	QUSEIR	360	9	15	02	0	0	—	11.9	+0.1	26	29	-2	21	-3	62	18	0	0	0
62641	PORT SUDAN	60	2	30	00	0	0	—	11.5		30	35		23		66	23	0	0	0
62600	WÂDI HALFA	10	3	30	00	0	0	—	13.9		24	38		15		34	7	0	0	
62640	ABU HAMAD	360	5	30	03	1	4	Ac, Cc	9.3		30	42		26		22	6	0	0	
62660	KAREIMA	20	7	30	00	2	7	Ac	9.4		30	41		26		22	6	0	0	0
62680	ATBARA	50	2	30	03	0	1	Cc	9.6		31	42		24		17	3	0	0	0
62721	KHARTUM	190	7	30	02	0	3	Cc	7.1		31	41		26		43	17	0	0	0
62780	KASSALA	30	9	30	00	0	0	—	9.5		28	40		24		58	19	0	0	0
62751	WAD MEDANI	180	9	50	02	1	4	Cs	10.0		27	38		23		66	20	0	6	1
62801	RENK																		0	3
62802	ROSEIRES																	6	11	2
62771	EL OBEID	230	13	30	03	0	5	Ac, Cs	9.1		28	37				58	19	0	1	1
62760	EL FASHER	50	9	30	01	1	4	Ac			29	38		24		25	7	0	0	0
62770	GENEINA	40	8	30	02	1	7	Ac			24	36		18		26	3	0	0	0
62840	MALAKÂL	130	2	30	03	2	7	Ac, Cs	11.3		25	29		21		84	22	0	18	8
62880	WAU	130	2	30	01	1	4	Ac	10.3		25	33		22		84	22	0	1	10
62941	JUBA	170	2	30	01	2	4	Ac	12.0		24	32		21		84	21	0	10	8

HUMIDITY

Mean of day

STATION	On 3rd	Diff. from normal
Alexandria	60	-7
Ezbekiya	69	+4
Giza	64	-4
Helwân	56	-4

GIZA

GRASS MINIMUM TEMP ON 4th 7.9 °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 3rd

HEIGHT m	Foad A.P. 15 DIR.	Foad A.P. 15 VEL.	Port Said 15 DIR.	Port Said 15 VEL.	Hurghada 15 DIR.	Hurghada 15 VEL.
300	10	18	20	17	340	22
600	20	15	30	15	330	10
1000	28	21	30	18	320	2
1500	30	16			320	5
2000					50	4
3000						
4000						
5000						
6000						
7000						
8000						

UPPER WIND OBSERVATIONS on 4th

HEIGHT m	SIDI BARÂNI 9 DIR.	SIDI BARÂNI 9 VEL.	MATRÛH 4 DIR.	MATRÛH 4 VEL.	FOUAD AIRPORT 3 DIR.	FOUAD AIRPORT 3 VEL.	PORT SAÏD 3 DIR.	PORT SAÏD 3 VEL.	EL 'ARISH DIR.	EL 'ARISH VEL.	HELWÂN DIR.	HELWÂN VEL.	MINYA DIR.	MINYA VEL.	ASYÛT MANGABAD 9 DIR.	ASYÛT MANGABAD 9 VEL.	LUXOR DIR.	LUXOR VEL.	ASWÂN DIR.	ASWÂN VEL.	HURGHADA 9 DIR.	HURGHADA 9 VEL.	DIR.	VEL.
300	330	20	320	14	350	12	360	9							310	17					340	35		
600	350	27	320	23	350	15	10	10							320	15					320	20		
1000	350	31	360	16	10	14	30	16							340	13					320	21		
1500	340	14			30	15	60	19							10	7					300	13		
2000	350	19			100	13	100	9							10	12					20	3		
3000					70	23?									20	16					210	4		
4000															30	8					240	12		
5000																					240	9		
6000																								
7000																								
8000																								

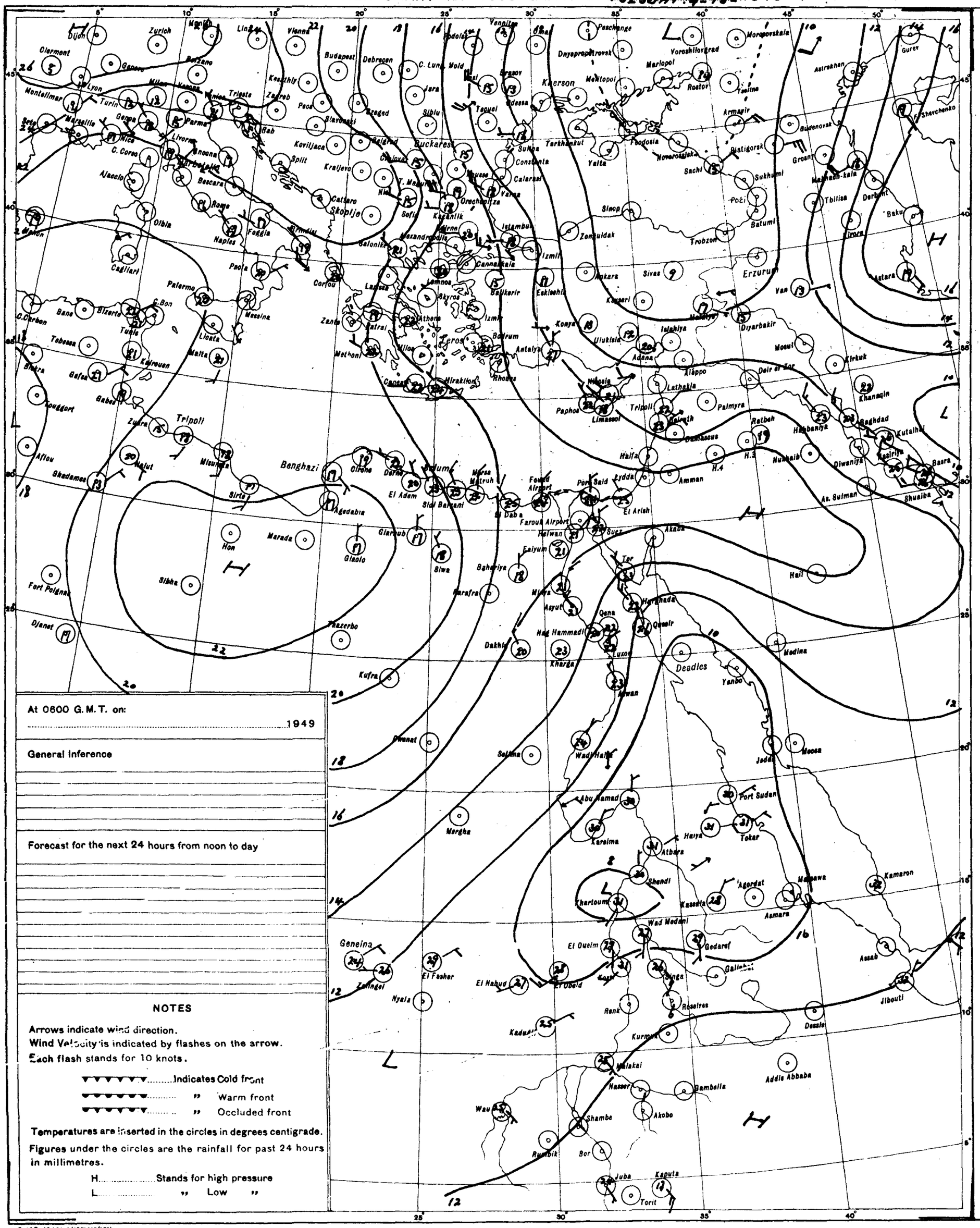
HEIGHT m	SIWA DIR.	SIWA VEL.	BAHARÎYA 9 DIR.	BAHARÎYA 9 VEL.	DAKHLA 9 DIR.	DAKHLA 9 VEL.	KHARGA 7 DIR.	KHARGA 7 VEL.	WÂDI HALFA DIR.	WÂDI HALFA VEL.	ABÛ HAMAD 4 DIR.	ABÛ HAMAD 4 VEL.	KAREIMA 4 DIR.	KAREIMA 4 VEL.	KHARTÛM DIR.	KHARTÛM VEL.	KASSALA DIR.	KASSALA VEL.	EL OBEID DIR.	EL OBEID VEL.	EL FÂSHER DIR.	EL FÂSHER VEL.	MALAKÂL DIR.	MALAKÂL VEL.
300	310	10	10	36	350	24	350	7																
600	10	13	10	26	350	38	360	12			40	22	50	28										
1000	30	18	10	23	350	43	360	14			50	18												
1500	50	22			350	30					90	9												
2000	50	30																						
3000	60	30									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.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON TUESDAY 4-10-1949



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	ε
	Duststorm or sandstorm within sight or at station during last hour	09	(≋)
	Mist	10	=
	Shallow fog	12	=
	Lightning, no thunder heard	13	⟨
	Precipitation within sight	16	(•)
	Thunder, no precipitation	17	(R)
During past hour and not at time of observation	Squalls	18	V
	Drizzle	20	,]
	Rain	21	•]
	Showers of rain	25	•]
	,, ,, hail	27	▲]
	Fog	28	=]
	Thunderstorm	29	R]
	Duststorm or Sandstorm	31	≋
	Fog	45	=
	Drizzle	50	,
	Rain	60	•
	Showers of rain	80	▽
	,, ,, hail	87	▽
Rain / Hail	Thunderstorm during the past hour	91	R]•
		93	R]▲
	Thunderstorm with rain	95	R
	,, ,, hail	96	R
	,, ,, Sandstorm	98	R

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

Cloudless	—		○
Cirrus	Ci	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 50 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 : Wednesday 5th October, , 1949

At 1200 on Tues. 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	RAIN PAST 12 hrs mms
MEDITERRANEAN	62300	SALÛM	320	5	7	02	1	3	ac	18.6	24	69	13	0
	62303	SÎDI BARÂNI	30	12	50	01	1	2	Cb	18.3	25	84	22	0
	62306	MATRÛH	360	12	18	00	1	0	—	16.8	26	70	20	0
	62309	EL DABʿA	320	9	35	00	0	0	—	14.7	25	70	19	0
		ALEXANDRIA	360	11	50	00	0	0	—	14.8	25	74	20	0
	62318	FOUAD (Airport)	320	16	18	02	0	0	—	15.3	26	62	18	0
	62330	DAMIETTA	320	5	15	02	0	0	—	14.4	25	74	20	0
	62333	PORT SAʿÎD	350	12	30	02	0	0	—	13.9	25	39	10	0
	62336	EL ʿARÎSH	320	5	35	02	0	0	—	14.0	25	74	20	0
LOWER EGYPT	62339	DAMANHÛR	40	9	15	02	0	0	—	16.8	28	31	17	0
	62342	MANSÛRA	340	9	35	00	0	0	—	14.2	30	35	13	0
	62348	TANTA	270	13	35	02	0	0	—	14.2	30	31	11	0
	62354	ZAGAZIG	320	5	35	00	0	0	—	13.4	30	33	12	0
	62441	ISMAÎLIA	360	5	35	02	0	0	—	13.1	30	25	8	
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMÀZA	20	10	30	00	0	0	—	13.5	30	38	14	0
		EZBEKÎYA	20	5	35	00	0	0	—	13.5	30	31	11	0
		GÎZA	20	5	35	00	0	0	—	14.2	30	35	13	0
	62378	HELWÂN	20	13	35	02	0	0	—	.	30	21	5	0
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0	—	13.1	30	31	11	0
	62387	MINYA	20	18	12	00	0	0	—	12.3	30	33	12	0
	62393	ASYÛT MANQABÂD	340	6	30	00	0	0	—	11.1	31	31	12	
	62399	NAGʿ HAMMÂDI	290	2	15	00	0	0	—	9.9	31	38	15	0
	62402	QENA	240	5	50	00	0	0	—	9.5	33	38	17	0
	62405	LUXOR												
	62414	ASWÂN	40	1	50	00	0	0	—	9.5	35	20	9	0
OASES	62417	SÎWA	220	4	35	00	0	0	—	19.5	30	46	17	0
	62420	BAHARÎYA	40	5	35	02	1	0	—	14.4	31	28	10	0
	62423	FARAFRA												
	62432	DAKHLA	320	11	50	00	0	0	—	13.3	29	35	12	0
	62435	KHARGA	360	16	35	00	0	0	—	12.3	30	40	15	0
RED SEA	62450	SUEZ	00	0	50	01	0	0	—	12.4	27	52	16	0
	62459	TÛR	310	13	35	00	0	0	—	10.0	27	70	21	0
	62462	HURGHÂDA	350	13		00	0	0	—	9.7	26	74	21	0
	62465	QUSEIR	360	13	15	02	0	0	—	9.3?	27	70	21	0
	62641	PORT SUDÂN	20	10	30	02	0	0	—	8.3	33	53	22	
NORTH SUDAN	62600	WÂDI HALFA												
	62640	ABU HAMAD	110	3	30	03	1	3	Cu,ac	4.4	40	13	7	
	62660	KAREIMA	40	6	30	01	2	3	ac	4.6	41	8	0	
	62680	ʿATBARA	20	2	30	00	0	0	—	4.2	39	9	0	
	62721	KHARTÛM	20	1	30	15	2	7	Cu, Cb	3.5	40	15	9	
	62730	KASSALA												
CENTRAL SUDAN	62751	WÂD MEDANI												
	62801	RENK	230	9	50	02	1	6	ac	7.2	33	47	20	
	62802	ROSEIRES	200	22?	15	02	1	2	ac	6.0	29	66	22	
	62771	EL OBEID	360	3	30	17	1	7	Cb, ac	3.9	36	27	14	
	62760	EL FÂSHER	60	6	30	00	1	1	Cu		37	18	9	
	62770	GENEINA	50	13	30	00	1	2	Cʿ		35	9	-2	
S. SUDAN	62840	MALAKÂL	180	6	30	01	2	4	Cu, Cʿ	6.9	33	47	20	
	62880	WÂU	20	2	30	03	1	5	Cb,	5.8	34	44	20	
	62941	JUBA	20	5	30	03	1	3	Cu, ac	6.2	33	47	20	

At 1800 on Tues. 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	320	9	15	01	0	0	—	17.9	21	57	12
	62303	SÎDI BARÂNI	30	16	35	03	2	7	Sc,Cu	17.8	23	89	21
	62306	MATRÛH	350	15	12	02	1	3	Cu	16.9	23	78	19
	62309	EL DABʿA	320	10	7	03	0	4	Cb	16.1	23	78	19
		ALEXANDRIA	360	10	7	01	1	4	Cu,Sc	15.6	24	74	19
	62318	FOUAD (Airport)	340	14	12	02	0	0	—	15.1	23	78	19
	62330	DAMIETTA	320	1		02	0	0	—	14.2	23	84	20
	62333	PORT SAʿÎD	340	9	14	02	0	0	—	13.9	24	74	19
	62336	EL ʿARÎSH	00	0	15	02	0	0	—	14.3	22	83	19
LOWER EGYPT	62339	DAMANHÛR	360	5	15	02	0	0	—	15.5	21	74	16
	62342	MANSÛRA	40	3		00	0	0	—	14.3	23	74	18
	62348	TANTA	270	2	35	02	0	0	—	15.0?	22	65	15
	62354	ZAGAZIG	320	5	35	00	0	0	—	14.4	22	74	17
	62441	ISMAÎLIA	310	5	35	00	0	0	—	14.4	22	74	17
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMÀZA	10	6	12	00	0	0	—	14.5	24	61	16
		EZBEKÎYA	320	2	15	00	0	0	—	14.8	24	61	16
		GÎZA	320	2	15	00	0	0	—	15.2	23	60	15
	62378	HELWÂN	340	11	15	02	0	0	—	14.3	25	47	13
UPPER EGYPT	62381	FAIYÛM	360	2	35	02	0	0	—	13.8	24	54	14
	62387	MINYA	360	5	10	00	0	0	—	12.8	22	53	12
	62393	ASYÛT MANQABÂD											
	62399	NAGʿ HAMMÂDI	00	0	7	00	0	0	—	10.3	24	69	18
	62402	QENA	270	5	7	00	0	0	—	9.4	27	37	11
	62405	LUXOR	310	8	12	00	0	0	—	10.0	28	45	15
	62414	ASWÂN	00	0	50	00	0	0	—	9.8	31	24	8
OASES	62417	SÎWA	00	0	35	00	0	0	—	12.8	28	62	20
	62420	BAHARÎYA	360	5	15	02	0	0	—	15.1	25	47	13
	62423	FARAFRA											
	62432	DAKHLA	320	13	35	00	0	0	—		26	37	10
	62435	KHARGA	360	2	15	00	0	0	—	13.4	26	40	11
RED SEA	62450	SUEZ	00	0	35	02	0	0	—	13.5	24	47	12
	62459	TÛR	310	5	15	00	0	0	—	9.5	26	62	19
	62462	HURGHÂDA	360	17		00	0	0	—	9.9	26?	62	18
	62465	QUSEIR	330	9	15	02	0	0	—	9.4	26	62	18
	62641	PORT SUDÂN											
NORTH SUDAN	62600	WÂDI HALFA											
	62640	ABU HAMAD											
	62660	KAREIMA											
	62680	ʿATBARA											
	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 0600 on Wednesday 5th October,

AREA	INDEX NUMBER	STATION	WIND 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	SALUM	220	2	15	03	1	3	ac	16.4		23	26		22		65	16	0	0	
	62303	SIDI BARANI	320	11	35	03	2	7	Cb	17.0		24	26		22		84	21	0	0	
	62306	MATRUH	350	13	14	01	2	2	Sc	15.6		23	27		22		74	18	0	0	
	62309	EL DABA	320	10	15	01	1	2	Cu	14.8		23	26		21		84	20	0	0	
		ALEXANDRIA	270	13	50	01	1	2	Sc,Cu	14.8	-0.9	24	27	-2	21	0	74	19	0	0	0
	62318	FOUAD (Airport)	320	8	12	02	0	0	—	14.0		24	27		21		74	19	0	0	1
	62330	DAMIETTA	310	8		11	0	1	Cu	13.9	-0.9	24	27		19		84	21	0	0	0
	62333	PORT SAʿID	260	8	10	02	0	1	Sc	13.4		22	26		21		89	20	0	0	
	62336	EL ʿARISH	220	2	35	00	2	7	Cb	14.2	-0.5	25	27	-2	18	0	70	19	0	0	0
LOWER EGYPT	62339	DAMANHUR	360	9	3	02	0	0	—	15.2	-0.4	20	29	-2	15	-3	83	17	0	0	0
	62342	MANSURA	320	5	35	00	0	0	—	13.8	-1.4	23	31	-1	18	0	74	18	0	0	0
	62348	TANTA	270	8	35	02	0	0	—	14.1	-1.5	22	30	-2	14	-3	89	20	0	0	0
	62354	ZAGAZIG	320	5	15	00	0	0	—	14.4	-1.3	20	33	+2	17	0	95	20	0	0	0
	62441	ISMAILIA	250	2	35	03	2	7	Sc	13.9		22			19		83	19	0	0	
CAIRO AREA	62366	FAROUK (Airport)																	0	0	
	62372	ALMÀZA											31						0	0	
		EZBEKÎYA	320	1	7	00	2	7	Cu	15.0	-0.1	22	31	0	20	+2	89	20	0	0	0
		GÎZA	320	1	7	00	2	7	Cu	15.1	-0.1	21	31	0	19	+3	89	19	0	0	0
	62378	HELWÂN	340	1	7	03	2	8	Cu,Sc	14.7	-0.4	20	30	-1	20	+1	94	19	0	0	0
UPPER EGYPT	62381	FAIYÛM	360	2	35	03	1	5	Sc	15.0	-0.2	22	31	-1	19	+1	84	19	0	0	0
	62387	MINYA	360	8	10	08	1	3	Sc	14.8		20	30		17		83	17	0	0	
	62393	ASYÛT MANQABÂD	340	6	30	00	0	0	—	14.4		21			16		74	16	0	0	
	62399	NAGʿ HAMMÂDI	00	0	7	00	0	0	—	12.4	-0.2	24	33		18		61	16	0	0	
	62402	QENA	270	5	35	00	0	0	—	12.3	-0.4	23	34	-2	19	-1	65	16	0	0	
	62405	LUXOR	00	0	30	00	0	0	—	14.9		25	36		18		54	15	0	0	
	62414	ASWÂN	360	4	50	00	0	0	—	11.6	-0.4	28	36	-2	20	-2	47	16	0	0	
OASES	62417	SÎWA	00	0	35	00	0	0	—	19.0	+2.2	21	32	-1	17	+1	65	14	0	0	0
	62420	BAHARÎYA	360	4	35	02	1	5	ac	15.9	+0.1	21	32	0	18	+1	83	18	0	0	0
	62423	FARAFRA																			
	62432	DAKHLA	270	6	35	00	0	0	—	13.6	-0.7	22	30	-5	20	+1	57	13	0	0	0
	62435	KHARGA	10	8	35	00	0	0	—	13.1	-0.3	25	31	-4	21	+1	47	13	0	0	0
RED SEA	62450	SUEZ	00	0	35	00	0	6	Cu	13.8	-0.8	23	32	0	18	-2	74	18	0	0	0
	62459	TÛR	40	2	35	00	0	0	—	11.9	-1.0	20	29	-1	13	-2	46	8	0	0	0
	62462	HURGHADA	310	15		00	0	0	—	11.1		24	28		21		65	17	0	0	
	62465	QUSEIR	360	9	15	02	0	0	—	11.4?	-0.5	27	28	-3	22	-2	42	13	0	0	0
	62641	PORT SUDÂN	150	1	30	03	1	2	Cu,ac,c	11.1		29	33		23		74	24	0	0	1
NORTH SUDAN	62600	WÂDI HALFA	360	3	30	00	0	0	—	12.2		22	36		18		38	7	0	0	
	62640	ABU HAMAD	110	3	30	00	0	0	—	9.1		30	42		24		18	3	0	0	
	62660	KAREIMA	50	6	30	00	0	0	—	9.3		28	41		23		23	5	0	0	0
	62680	ʿATBARA	270	9	30	03	0	1	Cʿ	8.5		30	40		25		24	7	0	0	0
	62721	KHARTÛM	230	7	30	03	2	7	Ac,Cʿ	8.3		29	41		25		52	18	0	0	0
	62730	KASSALA	180	5	30	01	1	5	ac	9.5		28	39		24		58	19	0	0	1
CENTRAL SUDAN	62751	WÂD MEDANI	180	2	50	02	1	8	Cu	9.8?		26	37		21		70	20	1	1	1
	62801	RENK	130	9	50	02	1	6	Sc	10.2?		28	34		21		66	21	0	0	4
	62802	ROSEIRES																	2	13	3
	62771	EL OBEID	360	6	30	02	1	3	Cʿ	9.8		27	37		21		52	16	0	1	1
	62760	EL FÂSHER	00	0	30	02	1	4	Ac,Cʿ			25	38		20		51	14	0	0	0
	62770	GENEINA	50	3	30	01	2	4	Cʿ			22	37		19		44	9	0	0	1
S. SUDAN	62840	MALAKÂL	130	4	30	02	1	2	Ac,Cʿ	9.5		27	33		22		79	23	5	11	12
	62880	WÂU	00	0	30	03	2	8	Cs	8.0		25	34		23		79	21	0	1	15
	62941	JUBA	50	2	30	02	2	8	Cs	9.9		25	33		20		79	21	0	10	12

HUMIDITY % Mean of day

STATION	on 4th	Diff from normal
Alexandria	68	+1
Ezbekiya	63	-2
Giza	68	0
Helwân	50	-4

GIZA GRASS MINIMUM TEMP. ON 5th 11.4 °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 4th

STATION	Matruh.		Fouad A.P.		Port Said		Hurghada															
TIME	15		15		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.
300	300	23			320	13	320	17			340	50										
600	320	27			330	12	320	16			330	38										
1000	320	25			340	20	340	10			320	19										
1500	320	25			350	23	320	10			300	6										
2000	330	30			350	22					300	17										
3000					350	30					300	9										
4000																						
5000																						
6000																						
7000																						
8000																						

UPPER WIND OBSERVATIONS on 5th

STATION	SIDI BARANI		MATRÛH		ROUAD AIRPORT		PORT SAʿID		EL ʿARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Almaza	
TIME	9				3		4								9						9		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	320	15			320	28	300	11							320	10					310	34	320	5
600	320	16			340	30	350	15							360	16					20	3	340	10
1000	330	17			350	37	330	14							10	21					290	23	330	12
1500	330	19			320	21									10	15					330	10	320	17
2000					310	16									10	16					230	7	310	13
3000															20	10					290	7	280	16
4000															340	14					290	17	300	23
5000															300	17					300	18		
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	8		9		9		7		4								3 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	310	4	10	32	10	11	10	24	60	13														
600	330	5	10	21	20	23	20	31	10	16							170	10					100	2
1000	20	12	20	10	30	19	30	25	340	12							200	5			50	9	130	4
1500	320	16	10	36			30	19									60	5			50	16	40	5
2000	330	17	10	31																				
3000									230	20							30	12			60	25	140	17
4000																							90	15
5000									160	12														
6000																								
7000																								
8000																								

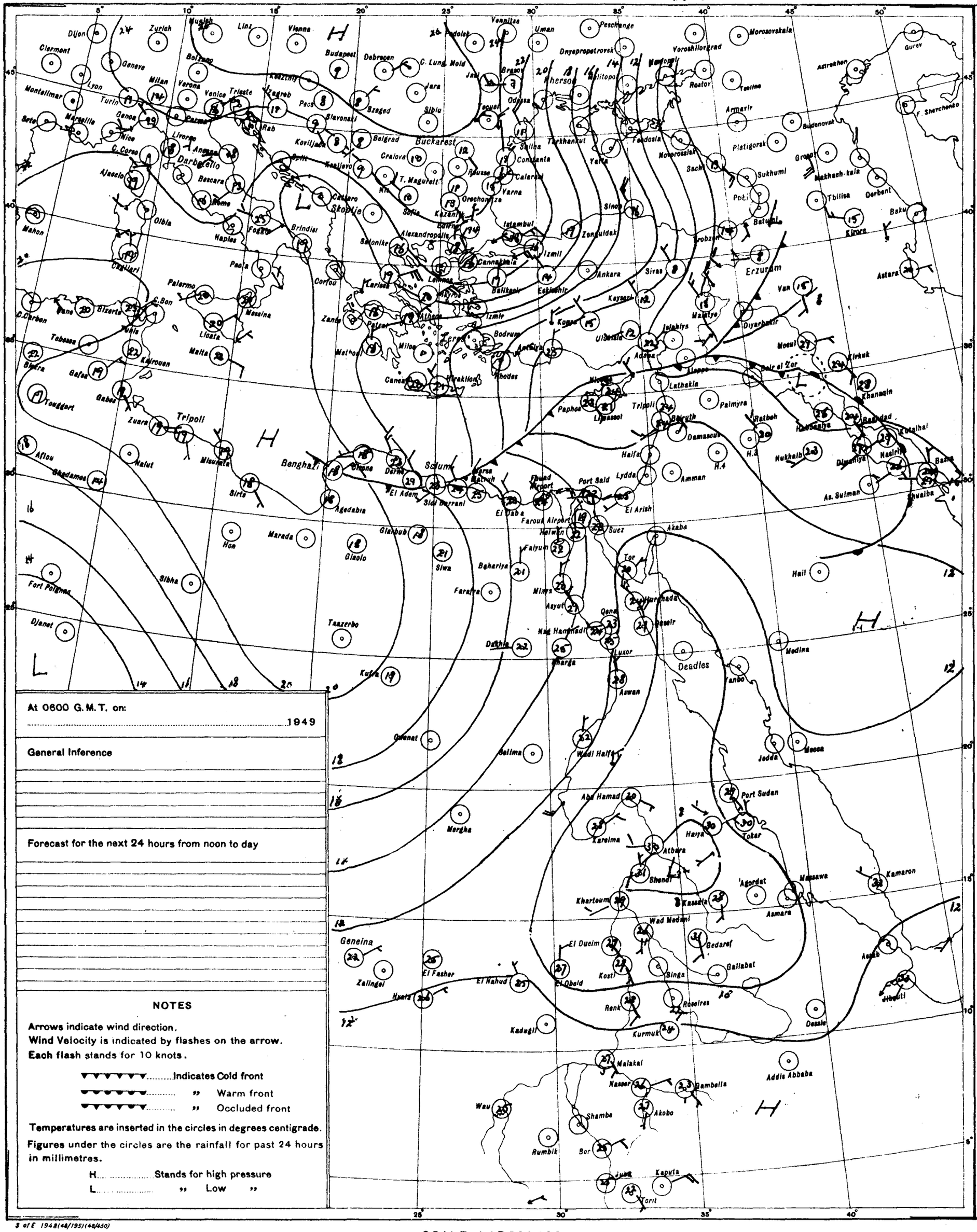
Remarks: 1- Wind Direction in degrees east of North.
2- " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 WEDNESDAYS-10 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	S
	,, or sand raised by wind	07	≋
	Dust devil	08	≋
	Duststorm or sandstorm within sight or at station during last hour	09	(≋)
	Mist	10	=
	Shallow fog	12	=
Lightning, no thunder heard		13	⚡
Precipitation within sight		16	(•)
Thunder, no precipitation		17	(R)
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,
	Rain	21	•
	Showers of rain	25	▽
	,, ,, hail	27	▽
	Fog	28	≡
	Thunderstorm	29	R
Duststorm or Sandstorm		31	≋
Fog		45	≡
Drizzle		50	,
Rain		60	•
Showers of rain		80	▽
,, ,, hail		87	▽
Rain / Hail	Thunderstorm during the past hour	91	R•
		93	R△
Thunderstorm with rain		95	R
,, ,, hail		96	R
,, ,, Sandstorm		98	R

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

Cloudless	—	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 03 51 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 : Thursday 6th October, , 1949

At 1200 on Wednes. 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	320	9	7	02	1	4	ac	16.0	26	56	16
	62303	SÎDI BARÂNI	320	12	50	02	0	7	sc,cu	16.0	25	84	22
	62306	MATRÛH	360	15	18	01	2	3	cu	15.1	25	65	18
	62309	EL DABA	320	10	35	00	0	0	—	13.5	25	61	17
		ALEXANDRIA	330	17	35	03	1	4	cu	13.3	25	70	19
	62318	FOUAD (Airport)	340	14	18	01	1	2	sc	13.4	26	62	18
	62330	DAMIETTA	320	2	15	01	0	0	—	12.2	26	70	20
	62333	PORT SAÏD	340	12	30	02	0	1	cu	12.1	25	74	20
	62336	EL 'ARISH	320	5	35	01	0	0	—	12.7	25	74	20
LOWER EGYPT	62339	DAMANHUR	40	9	15	02	0	0	—	14.0	27	58	18
	62342	MANSURA	320	13	35	00	0	0	—	12.6	29	46	16
	62348	TANTA	310	13	35	01	1	4	cu	13.3	29	46	16
	62354	ZAGAZIG	320	2	35	00	0	0	—	12.7	31	43	17
	62441	ISMAÏLIA	270	5	35	03	1	4	cu	11.4	31	43	17
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMÂZA	320	9	30	00	0	0	—	11.9	30	43	16
		EZBEKÎYA	360	5	35	00	0	0	—	12.3	30	43	16
		GÎZA	360	5	35	00	0	0	—	12.8	30	39	14
	62378	HELWÂN	290	7	35	02	0	0	—	11.8	29	40	14
UPPER EGYPT	62381	FAIYÛM	330	2	35	01	0	0	—	11.9	30	35	13
	62387	MINYA	20	8	12	00	0	0	—	12.5	30	38	14
	62393	ASYÛT MANQABAD	320	10	30	00	0	0	—	10.9	32	28	11
	62399	NAG' HAMMÂDI	00	0	15	00	0	0	—	9.3	34	41	19
	62402	QENA	270	2	50	00	0	0	—	9.4	33	34	15
	62405	LUXOR											
	62414	ASWÂN	340	4	50	00	0	0	—	7.9	36	24	12
OASES	62417	SÎWA	00	0	35	00	0	0	—	17.5	32	66	25
	62420	BAHARÎYA	360	3	35	02	1	0	—	13.6	30	40	15
	62423	FARAFRA											
	62432	DAKHLA	360	6	50	00	0	0	—		32	28	11
	62435	KHARGA	340	9	15	00	0	0	—	11.8	33	21	8
RED SEA	62450	SUEZ	00	0	50	01	0	0	—	11.6	26	55	16
	62459	TÛR	310	12	35	00	0	0	—	9.4	27	62	19
	62462	HURGHÂDA	350	9		00	0	0	—	9.1	26	70	20
	62465	QUSEIR	360	9	15	02	0	0	—	9.5?	29	52	18
	62641	PORT SUDÂN											
NORTH SUDAN	62600	WÂDI HALFA	360	7	30	00	0	0	—	8.3	34	20	8
	62640	ABU HAMAD	190	1	30	00	0	0	—	7.9	38	16	8
	62660	KAREIMA	40	1	30	00	0		ac	3.8	40	11	4
	62680	'ATBARA	130	5	30	03	2	5	cu,ac	3.2	39	11	3
	62721	KHARTÛM	330	4	30	03	1	5	cu	3.1	39	20	12
	62730	KASSALA	180	2	30	00	1	1	cu	4.7	37	27	15
CENTRAL SUDAN	62751	WÂD MEDANI											
	62801	RENK	230	9	50	02	1	6	cu	4.9	32	56	22
	62802	ROSEIRES	20	2	35	02	0	0	—	4.8	34	41	19
	62771	EL OBEID	00	0	30	02	2	8	cu,sc,ci	3.9	35	30	15
	62760	EL FÂSHER	60	5	30	02	1	7	ci		36	15	6
	62770	GENEINA	70	9	30	00	0	2	ci		36	12	2
S. SUDAN	62840	MALAKÂL	90	6	30	03	2	8	cu,cs	5.2	33	44	19
	62880	WÂU	00	0	30	03	2	8	cb,cu	5.0	33	47	20
	62941	JUBA	50	2	30	02	2	7	cu,ci	4.2	33	41	18

At 1800 on Wednes. 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	SALÛM	320	9	15	02	1	4	ac	15.8	23	65	16	0
	62303	SÎDI BARÂNI	320	6	35	01	2	3	sc,cu	16.3	22	89	20	0
	62306	MATRÛH	360	8	13	00	1	0	—	15.5	22	83	19	0
	62309	EL DABA	320	12	7	00	0	0	—	13.8	23	69	17	0
		ALEXANDRIA	360	10	7	01	1	2	cu	14.6	23	74	18	0
	62318	FOUAD (Airport)	340	12	12	02	0	2	sc	13.6	23	74	18	0
	62330	DAMIETTA	340	5		03	1	3	sc	13.1	23	84	20	0
	62333	PORT SAÏD	320	12	15	02	1	4	sc	12.6	23	78	19	0
	62336	EL 'ARISH	00	0	35	02	0	0	—	12.6	23	84	20	0
LOWER EGYPT	62339	DAMANHUR	360	9	7	02	0	0	—	14.2	21	74	16	0
	62342	MANSURA	320	5		00	0	0	—	13.5	22	83	19	0
	62348	TANTA	310	2	35	02	1	0	—	13.5	23	65	16	0
	62354	ZAGAZIG	320	2	35	00	0	0	—	13.5	22	74	17	0
	62441	ISMAÏLIA	360	2	35	01	0	0	—	12.6	24	74	19	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMÂZA	330	8	12	00	0	0	—	13.1	24	61	16	0
		EZBEKÎYA	00	0	15	00	0	0	—	13.8	24	61	16	0
		GÎZA	00	0	15	00	0	0	—	14.3?	23	69	16	0
	62378	HELWÂN	320	6	15	02	0	0	—	13.2	25	54	15	0
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0	—	12.7	25	54	15	0
	62387	MINYA	00	0	10	00	0	0	—	12.5	23	65	16	0
	62393	ASYÛT MANQABAD												
	62399	NAG' HAMMÂDI	00	0	7	00	0	0	—	9.9	25	70	19	0
	62402	QENA	280	2	7	00	0	0	—	9.5	27	48	15	0
	62405	LUXOR	00	0	12	00	0	0	—	9.3	29	35	12	0
	62414	ASWÂN	360	3	50	00	0	0	—	9.8	31	28	10	0
OASES	62417	SÎWA	00	0	35	00	0	0	—	17.4	28	62	20	0
	62420	BAHARÎYA	360	2	15	02	0	0	—	14.3	25	61	17	0
	62423	FARAFRA												0
	62432	DAKHLA	320	3	35	00	0	0	—	11.7?				0
	62435	KHARGA	360	1	15	00	0	0	—	11.5	26	42	12	0
RED SEA	62450	SUEZ	360	4	35	02	0	0	—	12.3	25	61	17	0
	62459	TÛR	180	3	15	00	0	0	—	10.3	26	48	14	0
	62462	HURGHÂDA	290	9		00	0	0	—	9.7	25	42	12	0
	62465	QUSEIR	330	5	15	02	0	0	—	9.4	25	70	19	0
	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 0600 on Thursday 6th October,

AREA	INDEX NUMBER	STATION	WIND 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	4	15	01	0	0	—	17.8		22	26		17		74	17	0	0	
	62303	SÎDI BARÂNI	00	0	50	01	0	1	sc,cu	17.2		23	26		18		84	20	0	0	
	62306	MATRÛH	10	11	14	00	0	0	—	16.4		23	26		21		65	16	0	0	
	62309	EL DABA	320	7	15	03	2	4	ci	16.1		22	26		17		69	16	0	0	
		ALEXANDRIA	40	3	35	03	1	5	cu	15.4	-0.4	24	27	-2	21	0	69	18	0	0	1
	62318	FOUAD (Airport)	320	8	12	02	2	6	sc	14.9		23	28		20		74	18	0	0	1
	62330	DAMIETTA	220	2		12	1	2	sc	15.2	+0.4	22	27		17		89	20	0	0	1
	62333	PORT SAÏD	210	5		01	1	2	sc	14.0		24	27		21		79	20	0	0	
	62336	EL 'ARISH	00	0	35	03	2	8	ci	15.6	+0.9	22	27	-2	17	-1	84	19	0	0	0
LOWER EGYPT	62339	DAMANHUR	310	5		02	0	0	—	15.2	-0.5	21	28	-3	17	-1	83	18	0	0	0
	62342	MANSURA	140	5	35	00	0	0	—	15.1	-0.2	22	30	-2	17	-1	74	17	0	0	0
	62348	TANTA	00	0	35	02	1	0	—	16.0	+0.3	20	30	-1	13	-4	83	17	0	0	0
	62354	ZAGAZIG	220	2	15	00	0	0	—	16.2	+0.4	22	32	+1	18	+1	83	19	0	0	0
	62441	ISMAÏLIA	320	2	35	03	2	7	ac	15.2		22	32		17		83	19	0	0	
CAIRO AREA	62366	FAROUK (Airport)																	0	0	
	62372	ALMÂZA	00	0	12	01	2	4	sc	15.5	+0.3	21	30		19		83	18	0	0	
		EZBEKÎYA	320	3	15	00	0	1	cu	15.6	+0.4	21	31	0	19	+1	78	17	0	0	0
		GÎZA	320	3	15	00	0	1	cu	16.0	+0.9	22	31	+1	16	0	75	17	0	0	0
	62378	HELWÂN	00	0	7	00	1	3	st	15.4	+0.2	20	29	-2	18	-1	73	17	0	0	0
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0	—	16.2	+0.9	22	31	-1	17	-1	74	17	0	0	0
	62387	MINYA	360	3	8	00	0	7	sc	15.6		20	31		15		83	17	0	0	
	62393	ASYÛT MANQABAD	320	3	30	00	0	0	—	14.9		22			17		69	16	0	0	
	62399	NAG' HAMMÂDI	290	2	7	00	0	0	—	13.8	+1.1	25	35		18		61	17	0	0	0
	62402	QENA	320	5	35	00	0	0	—	13.5	+0.7	24	36	0	19	-1	61	16	0	0	0
	62405	LUXOR	110	2	30	00	0	0	—	13.2		26	35		18		37	10	0	0	
	62414	ASWÂN	360	6	50	00	0	0	—	12.2	+0.3	26	37	-1	22	0	58	17	0	0	0
OASES	62417	SÎWA	00	6	35	00	0	0	—	17.5	+0.6	20	34	+1	16	0	73	15	0	0	0
	62420	BAHARÎYA	360	5	35	02	0	0	—	17.2	+1.3	21	31	-1	17	0	83	18	0	0	0
	62423	FARAFRA																	0		
	62432	DAKHLA	00	0	35	00	6	0	—			23	33	-2	19	0	50	12	0	0	0
	62435	KHARGA	20	4	35	00	0	0	—	14.3	+0.7	24	34	-1	20	0	50	13	0	0	0
RED SEA	62450	SUEZ	360	3	35	00	2	8	ac	15.5	+1.3	22	29	-3	18	-2	83	19	0	0	0
	62459	TÛR	310	4	35	00	0	0	—	12.8	+0.6	23	29	-1	20	0	74	18	0	0	0
	62462	HURGHÂDA	310	7		00	0	0	—	12.2		25	27		21		61	17	0	0	
	62465	QUSEIR	360	13	15	02	0	0	—	12.6	+0.6	27	30	-1	22	-2	55	17	0	0	0
	62641	PORT SUDÂN	260	2	30	01	1	4	sc	11.8		29	33		25		79	25	0		1
NORTH SUDAN	62600	WÂDI HALFA	360	11	30	00	0	0	—	12.0		23	35		19		41	9	0	0	
	62640	ABU HAMAD	360	5	30	00	0	0	—	8.7		31	41		24		19	5	0	0	
	62660	KAREIMA	20	6	30	00	0	0	—	9.0		28	41		24		23	5	0	0	0
	62680	'ATBARA	70	5	30	00	0	0	—	8.1		30	41		23		33	12	0	0	0
	62721	KHARTÛM	310	10	30	03	1	4	ac	7.5		31	40		29		16	2	dr.	dr.	0
	62730	KASSALA	180	5	30	00	0	0	—	8.4		28	40		25		58	19	0	0	1
CENTRAL SUDAN	62751	WÂD MEDANI	270	9	50	02	1	7	ci	9.7		30	37		24		49	18	0	1	2
	62801	RENK	110	9	50	02	1	4	sc			27	33		22		79	23	0	0	6
	62802	ROSEIRES	260			02	0	4	ac	7.6		26	35		23		70	20	0	13	4
	62771	EL OBEID	150	12	30	02	6	7	ac	11.9		25	36		23		70	19	1	2	2
	62760	EL FÂSHER	40	1	30	02	1	7	ci			25	37		20		42	11	0	0	1
	62770	GENEINA	140	5	30	01	2	4	ac,ci			23	37		21		41	9	0		1
S. SUDAN	62840	MALAKÂL	330	3	30	02	2	7	sc,ac	17.0		25	34		24		79	21	0	11	16
	62880	WÂU	00	0	30	03	6		ns,cs	11.2		22	34		20		78	18	25	26	20
	62941	JUBA	350	3	30	03	2	8	sc,ci	12.2		24	34		20		84	21	0	10	16

HUMIDITY %

Mean of day on 5th

STATION	%	Diff. from normal
Alexandria	69	+2
Ezbekiya	66	+1
Giza	73	+5
Helwân	65	+11

GÎZA GRASS MINIMUM TEMP. ON 6th 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 5th At 15¼ AIRPORT						On At AIRPORT						On At AIRPORT					
PRESSURE mbs	HEIGHT ABOVE M.S.L. Metres	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.	PRESSURE mbs	HEIGHT ABOVE M.S.L. FEET	TEMP. °C	HUMID. %	WIND DIR.	WIND VEL.	PRESSURE mbs	HEIGHT ABOVE M.S.L. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	405	29	40	360	11	1000						1000					
950						950						950					
900						900						900					
850	1515	15	59	310	14	850						850					
800						800						800					
700	3137	7	27	290	21	700						700					
600						600						600					
500	5819	-9		280	23	500						500					
400		-21				400						400					
300	9563	-36		270	78	300						300					

UPPER WIND OBSERVATIONS on 5th

STATION	Matruh		Fouad A.P.		Port Said		Hurghada	
TIME	15		15		15		15	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	330	16	300	19	300	14	350	36
600	340	16	300	24	280	15	350	23
1000	330	20	310	24	290	16	340	17
1500	340	23			270	11	300	14
2000	330	20					300	10
3000	320	20					290	15
4000							320	13
5000							320	25
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 6th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABAD		LUXOR		ASWÂN		HURGHADA	
TIME	9		9		3		4								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.
300	330	8	350	10	330	11	320	3							320	9			360	13	350	23
600	340	10	350	17	320	16	340	3							350	13			10	20	320	15
1000	340	10	340	24	330	16	40	7							340	15			40	14	310	15
1500	340	12													330	9			60	13	300	6
2000	10	10													310	8			330	2	290	10
3000	350	2													270	9					310	9
4000	70	1													220	12					230	20
5000															210	18					330	17
6000																					250	25
7000																						
8000																						

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7												3 45		4 15		4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	90	4	360		10	10	10	12																
600	360	2	350		10	9	20	23															300	10
1000	50	3	10		20	13	10	29											10	13	70	9	260	9
1500	360	5			10	19	50	7											320	13	350	7	280	5
2000	330	9																					00	0
3000	300	12																	50	10	110	29	80	4
4000	300	9																						
5000	290	3																						
6000	240	10																						
7000	240	14																						
8000	240	15																						

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

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 THURSDAY 6-10 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	S
	,, or sand raised by wind	07	≋
	Dust devil	08	≋
	Duststorm or sandstorm within sight or at station during last hour	09	(≋)
	Mist	10	=
	Shallow fog	12	=
Lightning, no thunder heard		13	≤
Precipitation within sight		16	(•)
Thunder, no precipitation		17	(K)
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,
	Rain	21	•
	Showers of rain	25	▽
	,, ,, hail	27	▽
	Fog	28	≡
	Thunderstorm	29	K
Duststorm or Sandstorm		31	≋
Fog		45	≡
Drizzle		50	,
Rain		60	•
Showers of rain		80	▽
,, ,, hail		87	▽
Rain / Hail	Thunderstorm during the past hour	91 / 93	K• / K▲
Thunderstorm with rain		95	K
,, ,, hail		96	K
,, ,, Sandstorm		98	K

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

Cloudless		—	○
Cirrus	Ci	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 03 51 G.M.T.

" " Sunset 15 34 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date: Friday 7th October, 1949

At 1200 on Thurs. 6th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C
MEDITERRANEAN	62300	SALUM	40	9	7	03	1	3	Ac	17.3	25	61	17
	62302	SIDI BARÂNI	350	6	50	02	0	1	Cb	17.5	25	70	19
	62306	MATRUH	30	14	18	01	1	2	Cu	16.6	25	58	16
	62309	EL DABA	320	7	35	03	2	4	Cb	14.4?	25	61	17
		ALEXANDRIA	360	5	50	00	0	0	—	14.8	26	62	18
	62318	FOUAD (Airport)	350	8	18	02	1	2	Sc	14.3	26	62	18
	62330	DAMIETTA	20	2	15	02	1	2	Cu	14.8	26	70	20
	62332	PORT SAÏD	40	3	30	01	1	2	Sc	14.5	26	66	19
	62336	EL 'ARISH	320	2	35	01	0	0	—	14.7	26	70	20
LOWER EGYPT	62339	DAMANHÛR	40	5	15	02	1	1	Cu	14.7	29	59	20
	62342	MANSÛRA	40	5	35	01	1	3	Ac	14.0	30	46	17
	62348	TANTA	00	0	35	01	1	4	Cu	15.1	29	46	16
	62354	ZAGAZIG	320	5	35	02	1	2	Ac	14.2	29	52	18
	62441	ISMAÏLIA	70	2	35	01	0	0	—	13.4	29	40	14
CANAL AREA	62366	FAROUK (Airport)											
	62372	ALMAZA	360	8	30	00	0	0	—	13.5	28	52	17
		EZBEKIYA	320	4	35	00	0	0	—	13.8	29	46	16
		GIZA	320	4	35	00	0	0	—	13.7	29	42	16
	62378	KELWÂN	340	6	15	02	0	0	—	13.1	28	54	13
UPPER EGYPT	62381	FAIYUM	360	8	35	02	0	0	—	13.8	28	45	15
	62384	MINYA	30	9	12	00	0	0	—	13.8	30	38	14
	62390	ASYÛT (Mangabad)	300	8	30	00	0	0	—	12.7	30	33	12
	62396	NAG' HAMMADI	290	2	7	00	0	0	—	10.6	32	38	16
	62402	QENA	270	5	50	00	0	0	—	10.4	36	29	15
	62405	LUXOR											
	62414	ASWÂN	340	6	50	00	0	0	—	8.0	37	19	10
OASES	62417	SIWA	00	0	35	00	0	0	—	18.3	30	52	19
	62420	BAHARIYA	360	4	35	02	0	0	—	14.6	29	35	12
	62423	FARAFRA											
	62432	DAKHLA	320	13	50	00	0	0	—		31	38	15
	62435	KHARGA	360	4	35	00	0	0	—	12.3	32	24	9
RED SEA	62450	SUEZ	360	3	50	01	0	0	—	12.7	28	45	15
	62459	TOR	310	10	35	00	0	0	—	11.0	26	70	20
	62462	HURGHADA	350	11		00	0	0	—	11.2	26	70	20
	62465	QUSEIR	360	13	15	02	0	0	—	11.8	28	62	20
	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	WAU											
	62961	JUBA											

At 1800 on Thurs. 6th

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms
62300	SALUM	40	5	3	02	0	0	—	15.6	22	30	-1	18	0	83	19	0	0	0
62302	SIDI BARÂNI	40	5	35	00	0	0	—	15.2	24	31	-1	19	+1	74	19	0	0	0
62306	MATRUH	00	0	35	02	0	0	—	16.0	22	30	-1	13	-4	89	20	0	0	0
62309	EL DABA	40	2	15	00	0	0	—	15.2	23	30	-1	17	+1	84	20	0	0	0
	ALEXANDRIA	40	2	35	02	0	0	—	16.3	24	31		18		74	19	0	0	
62318	FOUAD (Airport)	290	1	6	03	0	2	Sc	15.0	20			16		83	17	0	0	
62330	DAMIETTA	00	0	1.5	42	4	4	Sc	15.5	+0.2	19	30	17		94	18	0	0	
	EZBEKIYA	340	3	15	00	0	7	Sc	15.2	-0.1	20	30	-1	18	0	83	17	0	0
	GIZA	340	3	15	00	0	7	Sc	15.6	+0.4	19	30	0	17	+1	80	16	0	0
62378	KELWÂN	340	4	7	02	0	0	—	15.0	-0.3	20	29	-2	18	-1	83	17	0	0
62381	FAIYUM	00	0	35	02	0	0	—	15.5	+0.1	22	29	-3	17	-1	74	17	0	0
62384	MINYA	360	2	10	00	0	0	—	15.3		21	30		15		78	17	0	0
62390	ASYÛT (Mangabad)	300	1	30	00	0	0	—	15.1		22			17		69	16	0	0
62396	NAG' HAMMADI	00	0	7	00	0	0	—	14.2	+1.4	25	33		18		70	19	0	0
62402	QENA	320	5	35	00	0	0	—	13.8	+0.9	23	37	+1	20	0	65	16	0	0
62405	LUXOR	360	3	30	00	0	0	—	13.4		25	35		18		45	12	0	0
62414	ASWÂN	340	6	50	00	0	0	—	12.8	+0.9	27	38	0	22	0	58	18	0	0
62417	SIWA	00	0	35	00	0	0	—	18.0	+1.0	21	32	-1	15	-1	65	14	0	0
62420	BAHARIYA	360	4	35	02	0	0	—	15.9	-0.1	20	30	-2	15	-2	88	18	0	0
62423	FARAFRA																		
62432	DAKHLA	00	0	35	00	0	0	—			21	33	-2	17	-2	50	10	0	0
62435	KHARGA	40	4	35	00	0	0	—	14.4	+0.8	25	33	-2			42	11	0	0
62450	SUEZ	00	0	50	00	0	0	—	13.8	-0.5	24	30	-2	19	-1	69	18	0	0
62459	TOR	40	6	35	00	0	0	—	12.2	-0.1	18	28	-2	16	-4	64	11	0	0
62462	HURGHADA	300	2		00	0	0	—	12.6		24	27		16		47	12	0	0
62465	QUSEIR	330	5	15	02	0	0	—	13.0	+0.8	26	29	-2	22	-2	42	12	0	0
62641	PORT SUDÂN	00	0	30	03	0	1	Sc,Cu	12.3		29	33		25		66	22	0	0
62600	WÂDI HALFA	20	7	30	00	0	0	—	12.1		24	31		21		34	7	0	0
62640	ABU HAMAD	90	3	30	00	0	0	—	9.5		31	42		24		33	13	0	0
62660	KAREIMA	200	3	2	05	0	0	—	9.3		30	41		27		49	18	0	0
62680	ATBARA	270	5	30	00	0	0	—	9.7		30	40		25		38	14	0	0
62721	KHARTUM	200	10	30	01	1	3	Ac,Cu	9.3		29	41		26		43	15	0	0
62730	KASSALA	180	9	30	02	1	8	Ac	11.8		26	40		23		62	18	0	0
62751	WÂD MEDANI	240	9	35	01	8	6	As	11.1		25	39		20		70	19	dr.	t	2
62801	RENK	240	5	50	01	1	4	Sc			26	31		20		84	22	0	0	7
62802	ROSEIRES	110	2	35	00	0	0	—	9.8		25	32?		20		79	21	10	23	5
62771	EL OBEID	00	0	30	01	2	6	Ac,Cu	11.6		25	34		21		54	15	dr.	2	2
62760	EL FÂSHER	360	2	30	03	0	2	Ac			24	35		20		36	8	0	0	1
62770	GENEINA	20	4	30	00	0	2	Ac			22	36		17		31	4	0		1
62840	MALAKÂL	110	3	30	02	0	8	Sc,Ac	11.9		23	28?		20		94	22	1	12	20
62880	WAU	00	0	30	03	2	7	Sc,Ac	11.2		23	32		20		89	21	43	69	25
62961	JUBA	230	2		03	2	8	St,As	12.8		26	30		21		74	21	0	10	20

At 0600 on Friday 7th October.

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-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	15	03	1	4	Ac	16.3		22			17		57	13	0	0	
62302	SIDI BARÂNI	240	3	35	00	0	4	Cb	17.0		21	26		16		83	18	0	0	
62306	MATRUH	290	2	18	01	2	3	Sc	16.2		24	26		18		69	18	0	0	
62309	EL DABA	320	1	15	00	0	0	—	14.8		24	27		17		69	18	0	0	
	ALEXANDRIA	00	0	15	01	2	2	Sc,Cu,Ac	15.9	0.0	25	27	-2	21	0	70	19	0	0	1
62318	FOUAD (Airport)	00	0	14	02	0	1	Cu	15.6		24	28		16		74	19	0	0	1
62330	DAMIETTA	20	2	3	11	0	1	Cu	15.5	+0.6	24	28		20		84	21	0	0	1
62332	PORT SAÏD	60	5	14	03	0	4	Sc	14.8		25			23		74	20	0	0	
62336	EL 'ARISH	00	0	35	04	1	4	St	15.1	+0.3	26	28	-1	17	-1	74	21	0	0	0
62339	DAMANHÛR	40	5	3	02	0	0	—	15.6	-0.1	22	30	-1	18	0	83	19	0	0	0
62342	MANSÛRA	40	5	35	00	0	0	—	15.2	-0.1	24	31	-1	19	+1	74	19	0	0	0
62348	TANTA	00	0	35	02	0	0	—	16.0	+0.2	22	30	-1	13	-4	89	20	0	0	0
62354	ZAGAZIG	40	2	15	00	0	0	—	15.2	-0.7	23	30	-1	17	+1	84	20	0	0	0
62441	ISMAÏLIA	40	2	35	02	0	0	—	16.3		24	31		18		74	19	0	0	
62366	FAROUK (Airport)	290	1	6	03	0	2	Sc	15.0		20			16		83	17	0	0	
62372	ALMAZA	00	0	1.5	42	4	4	Sc	15.5	+0.2	19	30		17		94	18	0	0	
	EZBEKIYA	340	3	15	00	0	7	Sc	15.2	-0.1	20	30	-1	18	0	83	17	0	0	0
	GIZA	340	3	15	00	0	7	Sc	15.6	+0.4	19	30	0	17	+1	80	16	0	0	0
62378	KELWÂN	340	4	7	02	0	0	—	15.0	-0.3	20	29	-2	18	-1	83	17	0	0	0
62381	FAIYUM	00	0	35	02	0	0	—	15.5	+0.1	22	29	-3	17	-1	74	17	0	0	0
62384	MINYA	360	2	10	00	0	0	—	15.3		21	30		15		78	17	0	0	
62390	ASYÛT (Mangabad)	300	1	30	00	0	0	—	15.1		22			17		69	16	0	0	
62396	NAG' HAMMADI	00	0	7	00	0	0	—	14.2	+1.4	25	33		18		70	19	0	0	0
62402	QENA	320	5	35	00	0	0	—	13.8	+0.9	23	37	+1	20	0	65	16	0	0	0
62405	LUXOR	360	3	30	00	0	0	—	13.4		25	35		18		45	12	0	0	
62414	ASWÂN	340	6	50	00	0	0	—	12.8	+0.9	27	38	0	22	0	58	18	0	0	0
62417	SIWA	00	0	35	00	0	0	—	18.0	+1.0	21	32	-1	15	-1	65	14	0	0	0
62420	BAHARIYA	360	4	35	02	0	0	—	15.9	-0.1	20	30	-2	15	-2	88	18	0	0	0
62423	FARAFRA																			
62432	DAKHLA	00	0	35	00	0	0	—			21	33	-2	17	-2	50	10	0	0	0
62435	KHARGA	40	4	35	00	0	0	—	14.4	+0.8	25	33	-2			42	11	0	0	0
62450	SUEZ	00	0	50	00	0	0	—	13.8	-0.5	24	30	-2	19	-1	69	18	0	0	0
62459	TOR	40	6	35	00	0	0	—	12.2	-0.1	18	28	-2	16	-4	64	11	0	0	0
62462	HURGHADA	300	2		00	0	0	—	12.6		24	27		16		47	12	0	0	
62465	QUSEIR	330	5	15	02	0	0	—	13.0	+0.8	26	29	-2	22	-2	42	12	0	0	0
62641	PORT SUDÂN	00	0	30	03	0	1	Sc,Cu	12.3		29	33		25		66	22	0	0	2
62600	WÂDI HALFA	20	7	30	00	0	0	—	12.1		24	31		21		34	7	0	0	
62640	ABU HAMAD	90	3	30	00	0	0	—	9.5		31	42		24		33	13	0	0	
62660	KAREIMA	200	3	2	05	0	0	—	9.3		30	41		27		49	18	0	0	0
62680	ATBARA	270	5	30	00	0	0	—	9.7		30	40		25		38	14	0	0	0
62721	KHARTUM	200	10	30	01	1	3	Ac,Cu	9.3		29	41		26		43	15	0	dj	0
62730	KASSALA	180	9	30	02	1	8	Ac	11.8		26	40		23		62	18	0	0	1
62751	WÂD MEDANI	240	9	35	01	8	6	As	11.1		25	39		20		70	19	dr.	t	2
62801	RENK	240	5	50	01	1	4	Sc			26	31		20		84	22	0	0	7
62802	ROSEIRES	110	2	35	00	0	0	—	9.8		25	32?		20		79	21	10	23	5
62771	EL OBEID	00	0	30	01	2	6	Ac,Cu	11.6		25	34		21		54	15	dr.	2	2
62760	EL FÂSHER	360	2	30	03	0	2	Ac			24	35		20		36	8	0	0	1
62770	GENEINA	20	4	30	00	0	2	Ac			22	36		17		31	4	0		1
62840	MALAKÂL	110	3	30	02	0	8	Sc,Ac	11.9		23	28?		20		94	22	1	12	20
62880	WAU	00	0	30	03	2	7	Sc,Ac	11.2		23	32		20		89	21	43	69	25
62961	JUBA	230	2		03	2	8	St,As	12.8		26	30		21		74	21	0	10	20

HUMIDITY

Mean of day

STATION	6th	Diff from normal
Alexandria	73	+6
Ezbekiya	67	+2
Giza	68	0
Helwân	64	+11

GIZA

GRASS MINIMUM TEMP. ON 7th 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

On 6th At 15th	PRESSURE mbs	HEIGHT ABOVE M.S.L. Metres	TEMP. °C	HUMID. %	WIND DIR.	WIND VEL.
AIRPORT	1000	114	27	45	360	4
	950					
	900					
	850	1518	14	52	40	9
	800					
	700	3137	9		230	7
	600					
	500	5834	-7		280	9
	400		-21			
	300	9582	-34		280	38

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 6th

STATION	Matruh				Foad A.P.				Port Said				Luxor				Hurghada							
TIME	14	30			15				15				13				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	32			360	16			30	13			340	11			360	15						
600	340	29			10	10			30	7			340	15			350	18						
1000	340	29			10	8							340	10			330	20						
1500					30	3							320	8			310	13						
2000													160	6			310	10						
3000													240	3										
4000													170	13										
5000													160	9										
6000													240	15										
7000													220	13										
8000																								

UPPER WIND OBSERVATIONS on 7th

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		EL 'ARISH		HELWÂN		MINYA		ASYÛT (Mangabad)		LUXOR		ASWÂN		KURGHADA		Almaza	
TIME	9		5		3										9						9		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	350	6	40	2											330	11					340	21	60	10
600	320	3	190	4	90	11									330	11					340	7	50	12
1000	170	2	230	8	80	15									320	9					90	4	70	10
1500	160	1			90	17									190	7					210	6	220	4
2000	140	5			90	10									210	10					210	14	210	9
3000	120	5			180	8									200	20					220	27	190	16
4000															200	23							180	21
5000																								
6000																								
7000																								
8000																								

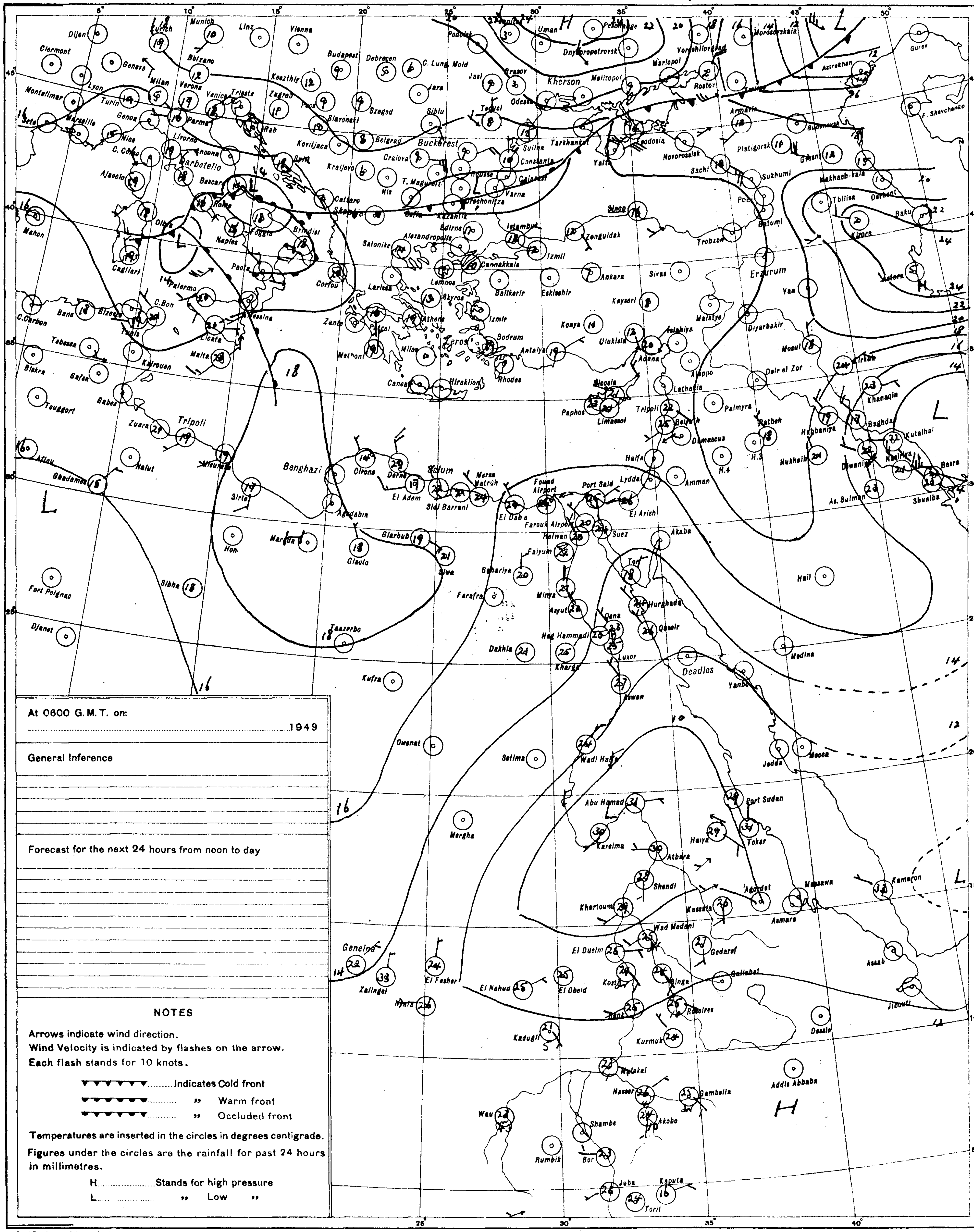
STATION	SIWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7		4								3	30	4		5		4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	180	6	310		20	9	10	10	360	17														
600	160	3	310		10	14	10	17	210	25							180	12					120	7
1000	340	3			10	23	10	18	20	8							170	9	340	7	310	6	130	7
1500	340	4			360	10			100	6							80	6	320	3	90	16	70	7
2000	270	8							70	11									10	10				
3000	270	9															50	6					50	6
4000	270	7																						
5000	250	11																						
6000	230	21																						
7000																								
8000																								

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

Note: All times 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 7-10* 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	Thunderstorm during the past hour	91
Hail		93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	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 52 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: Saturday 8th October, 1949

At 1200 on Fri. 7th

AREA	NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C
LOWER EGYPT	62360	SALUM	320	5	7	02	1	4	4c	15.0	23	53	13
	62362	SIDI BARANI	330	9	50	03	1	5	4c	16.0	24	74	19
	62366	MATRUH	50	10		02	1	1	Sc	15.0	25	67	17
	62369	EL DABA	20	8	35	00	0	0	—	15.2	26	62	18
		ALEXANDRIA											
	62372	FOUAD (Airport)	20	12	18	03	1	3	Sc	13.9	27	62	19
	62430	DAMIETTA	360	5	15	02	0	1	Cu	13.4	26	62	18
	62432	PORT SAID	10	11	30	02	0	0	—	13.4	28	62	20
	62436	E. ARISH											
	62539	DAMANHUR	360	9	15	02	1	3	Cu	16.2	27	66	20
	62542	MANSURA	340	5	35	02	1	4	Cu	13.4	31	43	17
	62548	TANTA	310	13	35	01	1	4	Cu	13.8	31	49	19
	62554	ZAGAZIG	320	5	35	02	1	2	Ac	13.3	31	28	10
	62567	ISMAILIA	70	2	35	02	1	5	4c	13.6	31	49	19
	62568	FAIDUD (Airport)											
	62572	ALMAZA	20	6	30	02	0	1	Cu	12.5	31	46	18
		EVBEKIYA	360	3	35	00	0	0	—	12.2	31	43	17
		GIZA	360	3	35	00	0	0	—	13.0	30	41	13
	62587	HELWAN	290	11	15	02	0	0	—	11.8	30	31	11
	62591	FAYOUM	300	2	35	02	0	0	—	12.8	31	38	15
	62598	MINYA	360	2	12	00	0	0	—	13.0	31	38	15
	62602	ASYUT (Airport)	00	0	30	00	0	0	—	12.2	30	27	9
	62606	NAG HAMMADI	290	2	15	00	0	0	—	11.1	32	38	16
	62610	QENA	340	5	50	00	0	0	—	10.6	34	36	17
	62615	LUXOR											
	62618	ASWAN	320	4	50	00	0	0	—	9.4	37	25	14
OASES	62621	SIWA	00	0	35	00	0	0	—	17.2	32	56	22
	62626	BAHARIYA	320	3	35	02	0	0	—	14.4	28	45	15
	62629	FARAFRA											
	62632	DAKHLA	320	9	50	00	0	0	—		31	31	12
	62638	KHARGA	00	0	35	00	0	0	—	13.0	32	24	9
RED SEA	62650	SUEZ	360	3	50	02	0	0	—	11.0	31?	38	15
	62656	TOR	310	6	35	00	0	0	—	12.2?	27?	79	23
	62662	HURGHADA	10	2		00	0	0	—	11.2	27	74	22
	62668	QUSEIR	360	9	15	02	0	0	—	12.7	28	31	20
	62681	PORT SUDAN											
NORTH SUDAN	62690	WADI HALFA											
	62692	ABU HAMAD											
	62696	KAREIMA											
	62698	ATBARA											
	62722	KHARTUM											
	62726	KASSALA											
CENTRAL SUDAN	62751	WAD MEDANI											
	62801	RENK	230	5	50	02	1	4	Cu	7.5	33	44	20
	62802	ROSEIRES	70	2	35	00	0	0	—	5.9	33	41	18
	62771	EL OBEID											
	62760	EL FASHER											
	62770	GENEINA											
S. SUDAN	62940	MALAKAL	200	4	30	03	8	7	Cu/Ac	7.5	29	35	20
	62880	WAU	20	2	30	01	2		Cu/Ac	8.2	31	55	21
	62941	JUBA	90	2	30	02	2	8	Cu, Ci	7.8	32	43	18

At 1800 on Fri. 7th

NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms
62360	SALUM	320	4	15	02	2	7	Fc,Fc	16.7	21	65	14	0
62362	SIDI BARANI	320	5	35	02	2	6	4c	16.7	22	83	19	0
62366	MATRUH	300	3	15	01	2	6	Sc	16.1	21	57	12	0
62369	EL DABA	30	0	15	02	1	2	Ci	15.8	21	83	18	0
	ALEXANDRIA	360	3	50	03	1	5	Cu,4c	16.0	24	69	18	0
62372	FOUAD (Airport)	20	7	18	01	1	3	Cu	15.4	24	69	18	0
62430	DAMIETTA	340	2	7	02	0	0	—	15.4	24	69	18	0
62432	PORT SAID	10	3	12	03	0	1	Sc	14.7	24	74	19	0
62436	E. ARISH	220	2	35	00	1	4	Cu	14.8	25	84	22	0
62539	DAMANHUR	40	5	1.5	10	4	1	Cu	15.5	22	83	19	0
62542	MANSURA	360	5	35	00	0	0	—	15.5	23	74	18	0
62548	TANTA	00	0	35	02	0	0	—	16.3	20	88	18	0
62554	ZAGAZIG	320	1	15	02	1	5	Ci	15.8	22	89	20	0
62567	ISMAILIA	360	2	35	01	0	0	—	14.7	25	74	20	0
62568	FAIDUD (Airport)												
62572	ALMAZA	20	6	30	02	0	1	Cu	12.5	31	46	18	0
	EVBEKIYA	360	3	35	00	0	0	—	12.2	31	43	17	0
	GIZA	360	3	35	00	0	0	—	13.0	30	41	13	0
62587	HELWAN	290	11	15	02	0	0	—	11.8	30	31	11	0
62591	FAYOUM	300	2	35	02	0	0	—	12.8	31	38	15	0
62598	MINYA	360	2	12	00	0	0	—	13.0	31	38	15	0
62602	ASYUT (Airport)	00	0	30	00	0	0	—	12.2	30	27	9	
62606	NAG HAMMADI	290	2	15	00	0	0	—	11.1	32	38	16	0
62610	QENA	340	5	50	00	0	0	—	10.6	34	36	17	0
62615	LUXOR												
62618	ASWAN	320	4	50	00	0	0	—	9.4	37	25	14	0
62621	SIWA	00	0	35	00	0	0	—	16.8	24	74	19	0
62626	BAHARIYA	320	3	35	02	0	0	—	14.6	24	54	14	0
62629	FARAFRA												
62632	DAKHLA	320	9	50	00	0	0	—	13.5	25	42	11	0
62638	KHARGA	00	0	35	00	0	0	—	13.9	27	33	9	0
62650	SUEZ	360	3	50	02	0	0	—	12.3	26	70	20	0
62656	TOR	310	6	35	00	0	0	—	11.6	24	74	19	0
62662	HURGHADA	10	2		00	0	0	—	11.0	24	65	17	0
62668	QUSEIR	360	9	15	02	0	0	—	12.3	25	74	20	0
62681	PORT SUDAN												
62690	WADI HALFA												
62692	ABU HAMAD												
62696	KAREIMA												
62698	ATBARA												
62722	KHARTUM												
62726	KASSALA												
62751	WAD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID												
62760	EL FASHER												
62770	GENEINA												
62940	MALAKAL												
62880	WAU												
62941	JUBA												

At 0600 on Saturday 8th October,

NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR PRESSURE M.S.L. mbs	BAR PRESSURE Diff. from normal mbs	TEMPERATURES °C Dry Bulb	TEMPERATURES °C Maximum Yesterday	TEMPERATURES °C Maximum Diff. from normal	TEMPERATURES °C Minimum Today	TEMPERATURES °C 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
62360	SALUM	320	4	15	02	2	7	Fc,Fc	16.7		21	29?				65	14	0	0	
62362	SIDI BARANI	320	5	35	02	2	6	4c	16.7		22	26		16		83	19	0	0	
62366	MATRUH	300	3	15	01	2	6	Sc	16.1		21	26		16		57	12	0	0	
62369	EL DABA	30	0	15	02	1	2	Ci	15.8		21	28		17		83	18	0	0	
	ALEXANDRIA	360	3	50	03	1	5	Cu,4c	16.0	0.0	24	27	-2	21	0	69	18	0	0	1
62372	FOUAD (Airport)	20	7	18	01	1	3	Cu	15.4		24	28		17		69	18	0	0	1
62430	DAMIETTA	340	2	7	02	0	0	—	15.4	+0.4	24	27		19		69	18	0	0	1
62432	PORT SAID	10	3	12	03	0	1	Sc	14.7		24	29		22		74	19	0	0	
62436	E. ARISH	220	2	35	00	1	4	Cu	14.8	0.0	25	27	-2	19	+1	84	22	0	0	1
62539	DAMANHUR	40	5	1.5	10	4	1	Cu	15.5	-0.3	22	28	-3	17	-1	83	19	0	0	1
62542	MANSURA	360	5	35	00	0	0	—	15.5	+0.1	23	32	0	18	0	74	18	0	0	0
62548	TANTA	00	0	35	02	0	0	—	16.3	+0.5	20	31	0	13	-3	88	18	0	0	0
62554	ZAGAZIG	320	1	15	02	1	5	Ci	15.8	-0.2	22	31	0	18	+2	89	20	0	0	0
62567	ISMAILIA	360	2	35	01	0	0	—	14.7		25	32		20		74	20	0	0	
62568	FAIDUD (Airport)																	0	0	
62572	ALMAZA	20	6	30	02	0	1	Cu	12.5	31	46	18	30	13	14	00	0	0	—	13.3
	EVBEKIYA	360	3	35	00	0	0	—	12.2	31	43	17	360	3	15	00	0	0	—	13.5
	GIZA	360	3	35	00	0	0	—	13.0	30	41	13	360	3	15	00	0	0	—	13.6
62587	HELWAN	290	11	15	02	0	0	—	11.8	30	31	11	320	6	15	02	0	0	—	13.0
62591	FAYOUM	300	2	35	02	0	0	—	12.8	31	38	15	300	2	35	02	0	0	—	12.7
62598	MINYA	360	2	12	00	0	0	—	13.0	31	38	15	30	3	12	00	0	0	—	13.3
62602	ASYUT (Airport)	00	0	30	00	0	0	—	12.2	30	27	9								
62606	NAG HAMMADI	290	2	15	00	0	0	—	11.1	32	38	16	00	0	7	00	0	0	—	12.2
62610	QENA	340	5	50	00	0	0	—	10.6	34	36	17	270	5	7	00	0	0	—	11.0
62615	LUXOR												00	0	12	00	0	0	—	11.2
62618	ASWAN	320	4	50	00	0	0	—	9.4	37	25	14	300	6	50	00	0	0	—	7.6
62621	SIWA	00	0	35	00	0	0	—	17.2	32	56	22	60	0	35	00	0	0	—	16.8
62626	BAHARIYA	320	3	35	02	0	0	—	14.4	28	45	15	320	4	15	02	0	0	—	14.6
62629	FARAFRA																			
62632	DAKHLA	320	9	50	00	0	0	—			31	31	12	320	9	35	00	0	0	—
62638	KHARGA	00	0	35	00	0	0	—	13.0	32	24	9	00	0	15	00	0	0	—	13.9
62650	SUEZ	360	3	50	02	0	0	—	11.0	31?	38	15	360	7	35	02	0	0	—	12.3
62656	TOR	310	6	35	00	0	0	—	12.2?	27?	79	23	180	3	15	00	0	0	—	11.6
62662	HURGHADA	10	2		00	0	0	—	11.2	27	74	22	00	0		00	0	0	—	11.0
62668	QUSEIR	360	9	15	02	0	0	—	12.7	28	31	20	20	5	15	02	0	0	—	12.3
62681	PORT SUDAN																			
62690	WADI HALFA																			
62692	ABU HAMAD																			
62696	KAREIMA																			
62698	ATBARA																			
62722	KHARTUM																			
62726	KASSALA																			
62751	WAD MEDANI																			
62801	RENK																			
62802	ROSEIRES																			
62771	EL OBEID																			
62760	EL FASHER																			
62770	GENEINA																			
62940	MALAKAL	230	9	50	01	1	6	Cu	11.1		28	37		22		58	19	0	1	2
62880	WAU	270	5	50	02	1	6	Sc	10.2		27	34		22		66	20	0		9
62941	JUBA																	0	2?	6
		250	10	30	02	2	4	Ac	10.0		28	36		25		52	17	0	2	4
		00	0	30	02	1	7	Ac			25	35		21		30	6	0	0	1
		20	6	30	01	0	3	Ac			23	35		17		26	2	0		2
		90	2	30	02	2	7	Ac	12.2		25	31		22		84	22	dr.	12	24
		130	1	30	01	2	4	Ac	11.6		25	32		22		79	21	0	05	30
		180	2	30	02	1	6	Ac, Cs	12.8		26	33		20		74	21	0	10	14

HUMIDITY

Mean of day

STATION	%	Diff. from normal
Alexandria	56	-1
Ezbekiya	68	+2
Giza	68	0
Helwan	60	+7

GIZA
GRASS MINIMUM TEMP.
ON 8th 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 7th

HEIGHT m.	Matruh TIME 15 DIR.	Matruh VEL.	Faid A.P. TIME 15 DIR.	Faid A.P. VEL.	Hurghada TIME 15 DIR.	Hurghada VEL.
300	200	9	10	20	140	6
600	200	9	20	22	110	5
1000	150	9	10	18	120	7
1500			240	3	100	6
2000			150	6	210	7
3000					240	21
4000					200	19
5000					160	30
6000					190	40
7000					210	25
8000						

UPPER WIND OBSERVATIONS on 8th

HEIGHT m.	SIDI BARANI TIME 9 DIR.	SIDI BARANI VEL.	MATRUH TIME 4 DIR.	MATRUH VEL.	FOUAD AIRPOR TIME 3 DIR.	FOUAD AIRPOR VEL.	PORT SAID DIR.	PORT SAID VEL.	EL AFISH DIR.	EL AFISH VEL.	HELWAN TIME 9 DIR.	HELWAN VEL.	MINYA DIR.	MINYA VEL.	ASYUT MANQABAT TIME 9 DIR.	ASYUT MANQABAT VEL.	LUXOR DIR.	LUXOR VEL.	ASWAN TIME 5 DIR.	ASWAN VEL.	KURGHADA TIME 9 DIR.	KURGHADA VEL.	DIR.	VEL.
300	280	7	260	5	10	9					340	7			330	5			360	14	350	20		
600	250	9	80	5	10	9					330	9			340	8			300	22	320	11		
1000	240	6	110	5	360	12					20	7			340	11			130	2	310	10		
1500	180	4	190	8	360	12					280	4			300	7			160	13				
2000	30	2									210	11			230	11			170	17				
3000	310	5									230	18			220	31			180	16				
4000	340	11													210	22			200	15				
5000															230	25								
6000																								
7000																								
8000																								

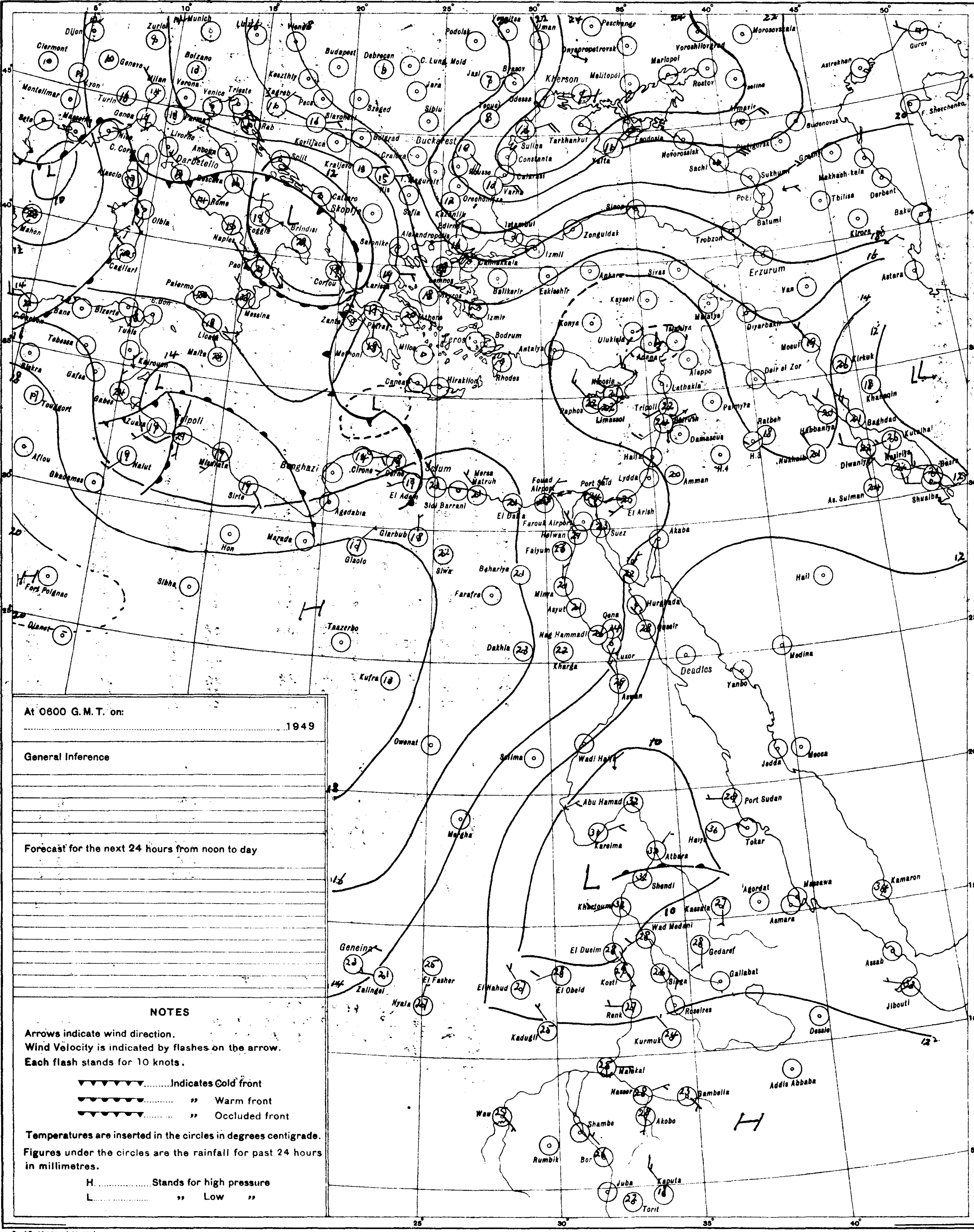
HEIGHT m.	SIWA TIME 9 DIR.	SIWA VEL.	BAHARIYA TIME 9 DIR.	BAHARIYA VEL.	DAKHLA TIME 9 DIR.	DAKHLA VEL.	KHARGA TIME 7 DIR.	KHARGA VEL.	WADI HALFA TIME 4 DIR.	WADI HALFA VEL.	ABU HAMAD DIR.	ABU HAMAD VEL.	KAREIMA DIR.	KAREIMA VEL.	KHARTUM TIME 4 DIR.	KHARTUM VEL.	KASSALA DIR.	KASSALA VEL.	EL OBEID DIR.	EL OBEID VEL.	EL FASHER DIR.	EL FASHER VEL.	MALAKAL DIR.	MALAKAL VEL.
300	110	5	340	38	340	23	330	7																
600	40	3	340	39	350	30	360	11	30	24					220	11								
1000	360	2	310	10	10	23	360	12	40	17					230	4								
1500	310	6	130	6					70	7					60	4								
2000	280	9	350	27																				
3000	300	9							190	11					60	6								
4000	270	10																						
5000	260	23																						
6000	230	25																						
7000																								
8000																								

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

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

Note: All times G. M. T.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *SATURDAY 8-10* 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	Thunderstorm during the past hour	91
Hail		93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	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 53 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 : Sunday 9th October, 1949

At 1200 on Satur. 8th / At 1800 on Satur. 8th

Area	Index Number	Station	1200 Wind Direction	1200 Wind Velocity in knots	1200 Visibility in km	1200 Present Weather	1200 Past Weather	1200 Cloud Amount 0-8	1200 Cloud Form	1200 Bar. Pressure M.S.L. mbs	1200 Temperature °C	1200 Humidity %	1200 Dew Point °C	1800 Wind Direction	1800 Wind Velocity in knots	1800 Visibility in km	1800 Present Weather	1800 Past Weather	1800 Cloud Amount 0-8	1800 Cloud Form	1800 Bar. Pressure M.S.L. mbs	1800 Temperature °C	1800 Humidity %	1800 Dew Point °C	Rain past 12 hrs mms
Mediterranean	62300	SALUM												320	9	15	02	2	7	Fs,Fc	16.9	23	61	15	0
	62303	SIDI BARANI												200?	4	35	01	2	6	Cb	17.0	23	78	19	0
	62306	MATRUH	70	8	17	02	1	3	Sc	15.7	25	65	18	80	3	12	02	1	1	Cu	16.4	21			0
	62309	EL DABA	320	4	35	01	1	2	Cu	15.6	26	55	16	00	0	7	00	0	0	—	16.4	21	74	16	0
		ALEXANDRIA	360	5	50	00	0	0	—	15.1	24	69	18	360	5	7	01	1	4	Cu,Sc	16.4	23	65	16	0
	62318	FOUAD (Airport)	20	14	18	02	1	1	Cu	15.3	25	64	17	350	6	12	02	0	1	Sc	15.6	21	74	16	0
	62330	DAMIETTA	20	2	15	03	1	3	Cu	13.6	26	66	19	320	2		00	0	0	—	15.4	22	83	19	0
	62333	PORT SA'ID	360	6	30	02	0	1	Cu	14.3	25	65	18	360	11	18	02	0	0	—	14.6	23	65	16	0
	62336	EL 'ARISH	320	2	35	03	0	1	Cu	13.9	26	74	21	340	2	15	01	0	0	—	14.4	24	74	19	0
Lower Egypt	62339	DAMANHUR	40	9	15	02	1	3	Cu	16.4	27	58	18	360	9	7	02	0	0	—	15.9	21	83	18	0
	62342	MANSURA	320	9	35	03	2	6	Sc,Cu	14.3	28	45	15	20	5		00	1	0	—	15.8	21	83	18	0
	62348	TANTA	40	6	35	01	1	4	Cu	14.2	28	45	15	00	0	35	03	1	6	Cu	14.8	20	73	15	0
	62354	ZAGAZIG	320	5	35	02	1	5	Cb	13.9	30	49	18	40	5	35	00	1	0	—	15.2	22	74	17	0
	62441	ISMAILIA	360	2	35	03	1	5	Cu	12.6	29	40	14	360	2	35	01	0	0	—	14.4	23	65	16	0
Cairo Area	62366	FAROUK (Airport)																							
	62372	ALMAZA	290	7	30	03	1	3	Cu	13.4	28	42	14	20	11	13	00	0	0	—	14.7	23	65	16	0
		EZBEKIYA	340	5	35	00	0	2	Cu	13.5	29	46	16	360	2	15	00	0	1	Ac	16.0	23	65	16	0
		GIZA	340	5	35	00	0	2	Cu	13.3	30	42	15	360	2	15	00	0	1	Ac	15.9	23	65	16	0
	62378	HELWAN	290	8	35	02	1	3	Cu	13.1	28	40	13	360	13	15	02	0	0	—	14.3	24	61	16	0
Upper Egypt	62381	FAIYUM	00	0	35	02	0	0	—	13.3	29	40	14	360	5	35	02	0	0	—	14.2	22	65	15	0
	62387	MINYA	20	9	12	02	0	1	Cu	13.5	30	46	17	00	0	12	00	0	0	—	14.2	21	50	10	0
	62393	ASYUT MANQABAD	300	8	30	00	0	0	—	12.3	30	33	12												
	62399	NAG' HAMMADI	270	2	7	00	0	0	—	11.1	33	30	13	00	0		00	0	0	—	12.3	25	54	15	0
	62402	QENA	240	5	50	00	0	0	—	12.0	33	34	15	270	2	7	00	0	0	—	12.3	28	40	13	0
	62405	LUXOR												00	0	12	00	0	0	—	11.4	28	25	6	0
	62414	ASWAN	340	7	50	00	0	0	—	9.1	37	22	12	360	6	50	00	0	0	—	10.6	34	27	12	0
Oases	62417	SIWA	00	0	35	00	0	0	—	17.1	31	45	18	00	0	35	00	0	0	—	16.2	23	74	18	0
	62420	BAHARIYA	360	5	35	01	1	3	Ac	14.6	29	40	14	360	2	15	02	1	0	—	15.0	25	47	13	0
	62423	FARAFRA																							
	62432	DAKHLA	340	13	50	00	0	0	—	13.7	30	40	15	320	8	35	00	0	0	—	13.5	25	42	11	0
	62435	KHARGA	40	2	35	00	0	0	—	13.0	32	24	9	40	1	15	00	0	0	—	13.2	27	35	10	0
Red Sea	62450	SUEZ	00	0	50	01	0	1	Cu	13.0	29	40	14	00	0	35	01	0	0	—	13.5	24	61	16	0
	62459	TOR	310	4	35	00	0	0	—	10.8	29	33	11	310	5	15	00	0	0	—	11.1	25	74	20	0
	62462	HURGHADA	350	8		00	0	0	—	10.1	28	79	23	310	8		00	0	0	—	10.7	27	62	20	0
	62465	QUSEIR	140	6	15	02	0	0	—	10.2	28	74	23	360	9	15	02	0	0	—	10.2	27	52	16	0
	62641	PORT SUDAN	30	10	30	00	0	0	—	8.3	33	44	19												
North Sudan	62600	WADI HALFA	340	15	30	00	0	0	—	8.8	37	13	4												
	62640	ABU HAMAD	70	1	30	03	0	2	Cu	5.3	40	14	8												
	62660	KAREIMA	140	16	4	07	0	6	Cu	6.3	39	24	15												
	62680	'ATBARA																							
	62721	KHARTUM	110	17	30	17	2	6	Sc,Cu	5.5	36	27	14												
	62730	KASSALA	180	2	30	00	0	0	—	5.6	37	33	18												
Central Sudan	62751	WAD MEDANI	270	9	50	02	1	8	Fs,Fc	7.6	34	36	17												
	62801	RENK	270	5	50	02	1	6	Cu	7.1	31	55	21												
	62802	ROSEIRES																							
	62771	EL OBEID	200	12	30	95	8	7	Cb	6.8	31	41	16												
	62760	EL FASHER	30	3	30	01	1	2	Ac		35	18	7												
	62770	GENEINA	200	4	30	00	0	2	Cu		35	18	7												
S. Sudan	62840	MALAKAL	270	4	30	17	2	6	Cb,Ac	8.1	32	59	22												
	62880	WAU	00	0	30	01	1	3	Cu,Ac	8.2	33	50	21												
	62941	JUBA																							

At 0600 on Sunday 9th October,

Wind Direction	Wind Velocity in knots	Visibility in km	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Dry Bulb °C	Maximum Yesterday	Max. Diff. from normal	Minimum Today	Min. Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs	Total from Oct. 1st	Normal from Oct. 1st	Station
220	3	15	00	0	0	—	16.4		22					57	13	0	0		SALUM
180	5	35	00	0	0	—	16.7		21	26		14		83	18	0	0		SIDI BARANI
250	3	15	00	0	0	—	16.0		20	26		14		83	17	0	0		MATRUH
220	4	15	00	0	0	—	15.6		19	27		14		83	16	0	0		EL DABA
00	0	50	01	1	3	Cu	16.3	+0.2	24	26	-3	20	-1	61	16	0	0	1	ALEXANDRIA
240	7	14	01	1	3	Sc	15.8		22	27		18		74	17	0	0	2	FOUAD (Airport)
220	2		11	0	2	Cu	15.8	+0.7	23	26		17		74	18	0	0	1	DAMIETTA
330	4	12	02	0	1	Sc	15.3		23	26		21		65	16	0	0		PORT SA'ID
220	2	35	03	1	2	Cu	15.4	+0.5	24	27	-2	19	+1	74	19	0	0	1	EL 'ARISH
270	9	3	28	4	0	—	16.3	+0.4	21	28	-3	16	-2	88	19	0	0	1	DAMANHUR
320	5	35	00	0	0	—	15.8	+0.3	23	30	-1	17	-1	65	16	0	0	0	MANSURA
00	0	35	02	1	0	—	15.6	-0.3	20	30	-1	12	-4	88	18	0	0	0	TANTA
40	2	15	00	0	0	—	15.8	-0.2	23	31	0	16	0	74	18	0	0	0	ZAGAZIG
340	2	35	01	1	1	Ac	15.1		24	30		18		69	18	0	0		ISMAILIA
20	4	12	00	0	0	—	15.6		20					78	16		0		FAROUK (Airport)
00	0	12	00	0	0	—	15.2		20			17		83	17	0	0		ALMAZA
00	0	15	00	0	2	Cu	15.9	+0.5	21	30	-1	18	0	83	18	0	0	0	EZBEKIYA
00	0	15	00	0	2	Cu	16.3	+0.7	22	30	0	16	0	74	17	0	0	0	GIZA
340	5	15	00	0	0	—	15.8	+0.3	21	29	-2	18	-1	74	16	0	0	0	HELWAN
360	5	35	02	0	0	—	16.2	+0.7	21	30	-2	18	0	83	18	0	0	0	FAIYUM
10	8	10	00	0	0	—	15.5		21	30		16		74	16	0	0		MINYA
270	2	30	00	0	0	—	15.0		22			18		69	16	0	0		ASYUT MANQABAD
290	2	7	00	0	0	—	13.5	+0.5	26	34		20		55	16	0	0	0	NAG' HAMMADI
240	5	35	00	0	0	—	12.6	-0.5	24	35	-1	21	+2	69	18	0	0	0	QENA
340	7	30	00	0	0	—	12.0		23	36		19		53	13	0	0		LUXOR
360	15	50	00	0	0	—	13.0	+0.9	26	38	+1	22	0	58	17	0	0	0	ASWAN
00	0	35	00	0	0	—	18.2	+1.1	22	31	-2	14	-1	69	16	0	0	0	SIWA
360	2	35	02	0	0	—	16.0	-0.1	21	30	-2	16	-1	74	16	0	0	0	BAHARIYA
																0	0		FARAFRA
00	0	35	00	0	0	—	14.7	0.0	21	33	-1	17	-1	57	12	0	0		DAKHLA
360	1	35	00	0	0	—	14.4	+0.6	25	33	-2	19	0	42	11	0	0		KHARGA
00	0	35	00	0	0	—	14.3	-0.2	22	31	-1	19	-1	74	17	0	0		SUEZ
40	4	35	00	0	0	—	12.0	-0.6	23	30	0	19	0	61	15	0	0	0	TOR
310	19		00	0	0	—	11.4		25	28		22		58	16	0	0		HURGHADA
360	13	15	02	0	0	—	11.1	-1.2	26	29	-2	23	-1	62	18	0	0	0	QUSEIR
320	5	30	01	1	2	Sc,Cu	10.4		30	33		27		70	24	0	0	3	PORT SUDAN
20	8	30	00	0	0	—	12.5		25	38		21		36	9	0	0		WADI HALFA
80	3	30	03	1	3	Cc	8.7		30	41		23		18	3	0	0		ABU HAMAD
20	5	30	00	0	1	Cc	9.8		30	42		26		19	4	dr.	dr	0	KAREIMA
270	9	30	03	1	6	Ac,Cc	8.7		30	41		25		40	15	0	0	0	'ATBARA
00	0	30	02	1	6	Ac	9.3		27	38		25		—	—	dr.	dr	1	KHARTUM
180	2	30	03	1	4	Ac	10.5		29	39		24		52	18	0	0	2	KASSALA
180	5	35	02	0	0	—	10.4		26	37		18		62	18	dr.	1	3	WAD MEDANI
80	5	35	02	0	2	Sc	10.6		29	33		22		66	22	0	0	10	RENK
160	2	35	02	0	0	—	11.5		23	32		20		84	20	0	23	7	ROSEIRES
00	0	30	02	2	6	Ac	10.1		25	36		21		54	15	dr.	2	4	EL OBEID
50	2	30	00	0	0	—			27	35		23		22	12	0	0	2	EL FASHER
50	4	30	00	0	1	Ac			24	36		20		28	4	0		2	GENEINA
50	7	30	02	1	4	Ac	10.7		26	32		21		79	22	3	15	28	MALAKAL
00	0	30	02	1	5	Ac	10.4		25	34		22		79	21	0	69	35	WAU
200	5	30	01	1	3	Cu,Ac	11.4		25	34		21		70	19	0	10	28	JUBA

HUMIDITY % Mean of day

Station	on 8th	Diff. from normal
Alexandria	66	-1
Ezbekiya	71	+5
Giza	66	-2
Helwan	66	+13

GIZA

GRASS MINIMUM TEMP. ON 9th 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 ... / ... AIRPORT On ... At ... / ... 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	Matruh		Fouad A.P.		Hurghada	
Time	15		15		15	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	40	14	360	21	340	16
600	40	11	360	23	340	6
1000	30	9	350	18	340	15
1500	320	9	340	17	240	6
2000	180	15			260	8
3000					230	24
4000					210	30
5000						
6000						
7000						
8000						

UPPER WIND OBSERVATIONS on 9th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		Almaza	
Time	9		4		4						9 15				9				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	240	8	190	4	360	4					360	18			330	6			10	14	340	31	40	3
600	240	10	150	3	350	5					360	17			340	12			360	26	320	28	10	6
1000	250	10	180	4	350	6					10	9			350	12			10	18	290	12	20	5
1500	330	9			340	7					30	11			320	11			310	13	220	4		
2000	340	11																						
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	9		9		9		7		4		3 30										4 15		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	160	12	360	8	10	19	20	16	10	16	360	10												
600	200	7	360	10	360	26	10	21	20	21	10	9											20	9
1000	190	4	350	10	350	39	10	21	20	17	60	5									90	3	40	8
1500	40	19	90	3			330	17	80	7	90	7											50	6
2000	30	23	20	19			270	10	270	2											120	13	50	4
3000			30	7					230	3											110	23		
4000			340																					
5000																								
6000																								
7000																								
8000																								

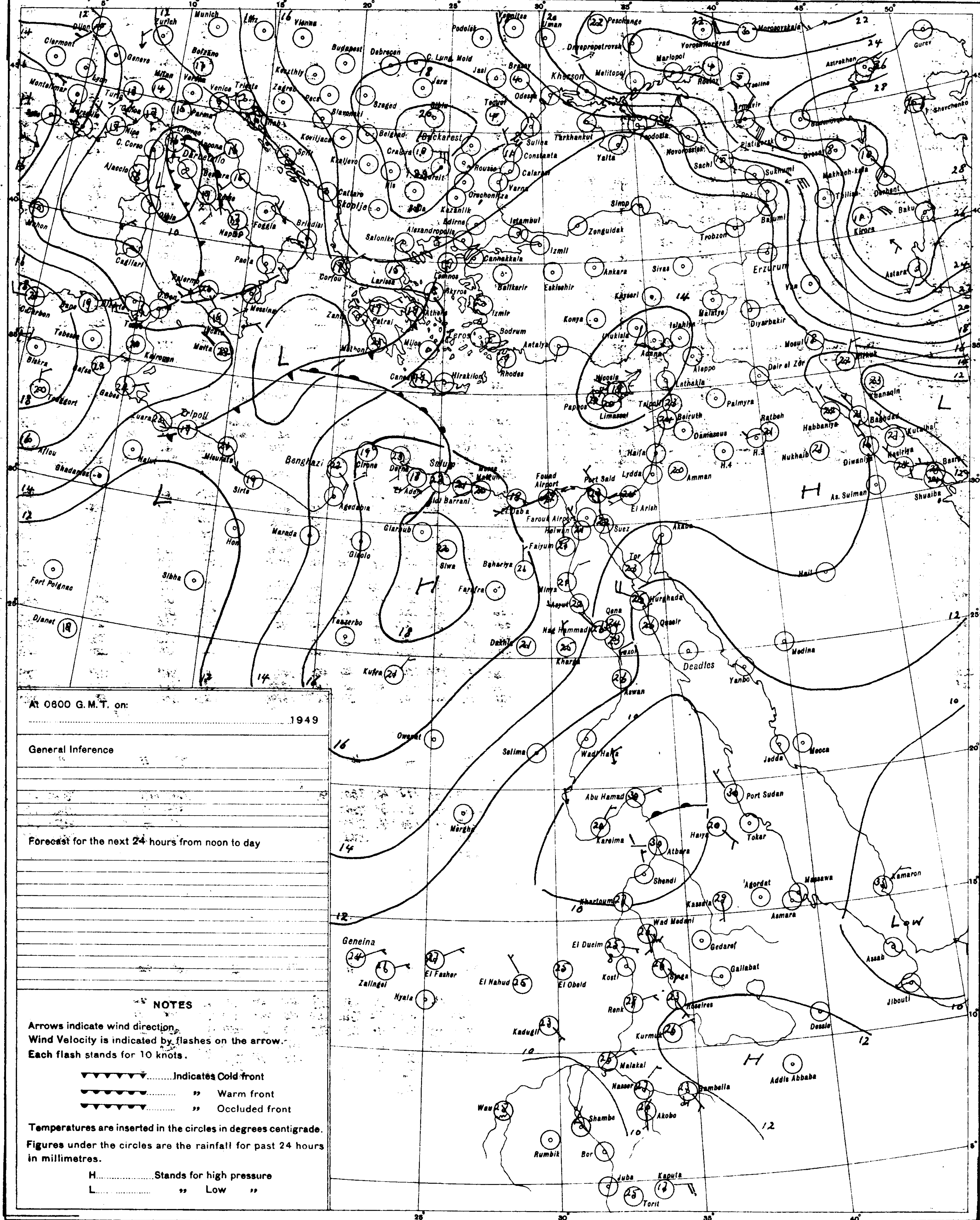
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

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 SUNDAY 9 - 10 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	Thunderstorm during the past hour	91
Hail		93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	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 53 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 10th October, , 1949

At 1200 on Sun. 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	RAIN PAST 12 hrs mms
MEDITERRANEAN	62300	SALÛM	220	3	7	02	0	0	—	15.0	31	43	17	
	62303	SÎDI BARÂNI	300	9	50	00	0	0	—	15.1	27	55	17	
	62306	MATRÛH	30	6	18	00	0	0	—	16.8	25	58	16	
	62309	EL DABÂ	320	10	35	00	0	0	—	14.2	25	61	17	
		ALEXANDRIA	330	9	50	02	1	6	Cu	15.1	24	61	16	
	62318	FOUAD (Airport)	320	14	18	02	1	4	Cu	16.2	24	57	15	
	62330	DAMIETTA	320	5	7	02	0	1	Cu	14.6	24	57	15	
	62333	PORT SAÏD												
	62386	EL 'ARISH	320	5	35	03	1	1	Cu	14.2	25	70	19	
LOWER EGYPT	62339	DAMANHUR	360	9	15	02	1	2	Cu	15.4	26	48	14	
	62342	MANSURA	360	5	35	02	1	4	Cu	14.2	28	49	16	
	62348	TANTA	310	2	35	03	1	6	Cu	14.1	27	42	13	
	62354	ZAGAZIG	220	6	35	00	1	0	—	13.5	28	46	15	
	62441	ISMAÏLIA	20	2	35	01	0	0	—	13.1	28	40	13	
CAIRO AREA	62366	FAROUK (Airport)	290	9	15	01	1	2	Cu	13.6	26	42	12	
	62372	ALMÂZA	360	9	30	02	1	1	Cu	13.4	26	42	12	
		EZBEKÎYA	340	4	35	00	0	0	—	13.8	27	42	13	
		GÎZA	340	4	35	00	0	0	—	13.3	28	39	13	
	62378	HELWÂN	340	3	15	02	0	0	—	13.2	27	33	9	
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0	—	13.4	27	37	11	
	62387	MINYA	10	14	12	00	1	0	—	13.4	29	29	9	
	62393	ASYÛT MANQABÂD	300	10	30	00	0	0	—	12.5	28	35	11	
	62399	NAG' HAMMÂDI	270	4	7	00	0	0	—	10.8	30	40	15	
	62402	QENA	270	5	50	00	0	0	—	10.2	32	41	17	
	62405	LUXOR												
	62414	ASWÂN	360	9	50	00	0	0	—	9.4	34	32	15	
OASES	62417	SÎWA	00	0	35	00	0	0	—	17.2	31	43	17	
	62420	BAHARÎYA	360	3	35	02	1	0	—	14.4	28	40	13	
	62423	FARAFRA												
	62432	DAKHLA	320	6	50	00	0	0	—		30	35	13	
	62436	KHARGA	20	4	35	00	0	0	—	12.4	30	27	9	
RED SEA	62450	SUEZ	00	0	35	03	0	1	Cu	12.3	28	40	13	
	62459	TÛR	310	9	35	00	0	0	—	10.3	28	55	18	
	62462	HURGHÂDA	330	17		60	0	0	—	9.6	27	70	20	
	62465	QUSEIR	20	9	15	02	0	0	—	10.7	28	62	20	
	62641	PORT SÛDAN	20	10	50	02	1	4	Cu, Ac	7.3	33	47	20	
NORTH SÛDAN	62600	WÂDI HALFA	360	16	30	00	0	0	—	8.9	36	15	6	
	62640	ABU HAMAD	70	1	30	03	0	2	Ac Cu	4.4	40	11	4	
	62660	KAREIMA	50	3	30	00	0	2	Cc	3.4	40	11	4	
	62680	'ATBARA	230	5	30	03	1	5	Cu, Ac	3.4	40	12	5	
	62721	KHARTÛM	310	1	30	03	1	4	Cu, Ac	4.3	38	21	12	
	62780	KASSALA	180	2	30	00	0	0	—	4.9	38	29	17	
CENTRAL SÛDAN	62751	WÂD MEDANI	160	5	35	02	0	4	Cu	4.6	37	27	15	
	62801	RENK												
	62802	ROSEIRES	20	2	35	00	0	0	—	7.0	34	44	20	
	62771	EL OBEID	90	9	30	02	1	4	Cu, Ac	5.2	35	25	12	
	62760	EL FÂSHER	20	3	30	01	0	3	Cu		35	30	15	
	62770	GENEINA	50	2	30	00	0	0	—		35	12	1	
S. SÛDAN	62840	MALAKÂL	70	4	30	02	1	2	Cu, Ac	6.2	33	50	21	
	62880	WÂU												
	62941	JUBA	360	2	10	29	9	7	Cb, Ac	6.9	30	55	20	

At 1800 on Sun. 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	SALÛM	220	6	15	02	0	0	—	15.1	22	65	15	0
62303	SÎDI BARÂNI	320	11	35	00	0	0	—	14.3	22	83	19	0
62306	MATRÛH	140	2	12	00	0	0	—	15.3	19	78	15	0
62309	EL DABÂ	00	0	7	00	0	0	—	14.4	20	83	17	0
	ALEXANDRIA	00	0	7	00	0	0	—	16.0	24	61	16	0
62318	FOUAD (Airport)	320	3	12	02	0	0	—	15.4	20	78	16	0
62330	DAMIETTA	320	2		02	0	1	Cu	14.0	22	74	17	0
62333	PORT SAÏD	30	0	18	02	0	3	Sc	15.0	23	65	16	0
62386	EL 'ARISH	320	2	15	02	1	2	Cu	15.0	24	74	17	0
62339	DAMANHUR	360	5	15	02	1	0	—	15.6	21	83	18	0
62342	MANSURA	360	5	35	00	1	0	—	15.9	21	65	14	0
62348	TANTA	00	0	35	02	1	0	—	16.4	19	83	16	0
62354	ZAGAZIG	40	2	35	00	0	0	—	15.4	21	74	16	0
62441	ISMAÏLIA	20	2	35	00	0	0	—	14.8	22	57	13	0
62366	FAROUK (Airport)												
62372	ALMÂZA	20	11	13	00	1	0	—	15.1	23	74	18	0
	EZBEKÎYA	340	2	15	00	0	0	—	15.5	22	65	15	0
	GÎZA	340	2	15	00	0	0	—	15.6	23	60	15	0
62378	HELWÂN	340	10	15	02	0	0	—	15.1	23	50	12	0
62381	FAIYÛM	360	2	35	02	0	0	—	14.8	22	57	13	0
62387	MINYA	00	0	12	00	0	0	—	14.9	18	73	13	0
62393	ASYÛT MANQABÂD												
62399	NAG' HAMMÂDI	320	2	3	00	0	0	—	11.9	25	54	15	0
62402	QENA	270	2	35	00	0	0	—	11.1	26	48	14	0
62405	LUXOR	00	0	12	00	0	0	—	11.2	26	42	12	0
62414	ASWÂN	360	6	50	00	0	0	—	9.9	31	38	15	0
62417	SÎWA	00	0	35	00	0	0	—	15.8	25	70	19	0
62420	BAHARÎYA	360	2	15	02	0	0	—	15.0	23	44	10	0
62423	FARAFRA												
62432	DAKHLA	320	3	35	00	0	0	—		29	33	11	0
62436	KHARGA	00	0	15	00	0	0	—	12.8	27	37	11	0
62450	SUEZ	360	7	15	01	0	0	—	13.9	23	61	15	0
62459	TÛR	360	6	15	00	0	0	—	10.8	26	55	16	0
62462	HURGHÂDA	300	13		02	1	3	Cu	10.3	25	55	16	0
62465	QUSEIR	330	9	15	00	0	4	1/8	11.2	26	70	20	0
62641	PORT SÛDAN												
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 Monday 10th October,

INDEX NUMBER	STATION	WIND 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	SALÛM	220	15	15	00	0	0	—	12.2		25	31				28	5	0	0	
62303	SÎDI BARÂNI	210	13	15	00	0	0	—	12.2		22	29		19		57	13	0	0	
62306	MATRÛH	240	15	15	00	0	0	—	13.7		23	28		18		57	14	0	0	
62309	EL DABÂ	180	5	15	00	0	0	—	14.3		20	27		18		73	15	0	0	
	ALEXANDRIA	00	0	35	00	0	0	—	15.8	-0.4	22	26	-3	18	-3	74	17	0	0	1
62318	FOUAD (Airport)	220	3	18	02	1	0	—	15.5		20	26		16		78	16	0	0	2
62330	DAMIETTA	180	2		01	1	1	Cu	15.9	+0.7	22	25		16		83	19	0	0	1
62333	PORT SAÏD	20	5	18	02	0	3	Sc	15.3		23	26		20		65	16	0	0	
62386	EL 'ARISH	00	0	35	02	1	1	Cu	15.8	+0.8	24	26	-3	16	-2	61	16	0	0	1
62339	DAMANHUR	230	5	1.8	28	4	0	—	15.9	-0.1	20	27	-4	16	-2	83	17	0	0	1
62342	MANSURA	340	2	35	00	0	0	—	15.9	+0.4	23	30	-1	16	-2	65	16	0	0	0
62348	TANTA	00	0	35	02	0	0	—	16.7	+0.7	19			11	-5	88	17	0	0	0
62354	ZAGAZIG	40	2	15	00	0	0	—	16.5	-0.6	21	29	-2	15	-1	83	18	0	0	0
62441	ISMAÏLIA	180	2	36	01	0	0	—	15.4		23	29		16		65	16	0	0	
62366	FAROUK (Airport)																		0	
62372	ALMÂZA	20	4	12	00	0	0	—	15.8	+0.3	19	28		15		83	16	0	0	
	EZBEKÎYA	20	2	15	00	0	0	—	15.9	+0.4	19	28	-3	16	-2	78	15	0	0	0
	GÎZA	20	2	15	00	0	0	—	15.5	-0.2	20	28	-2	14	-2	81	17	0	0	0
62378	HELWÂN	20	8	15	00	0	0	—	15.6	0.0	20	27	-3	16	-3	73	15	0	0	0
62381	FAIYÛM	360	5	35	02	0	0	—	15.6	+0.1	20	28	-4	15	-3	73	15	0	0	0
62387	MINYA	00	0	10	00	0	0	—	15.1		19	30		12		78	15	0	0	
62393	ASYÛT MANQABÂD	340	5	18	00	0	0	—	14.6		20			15		69	14	0	0	
62399	NAG' HAMMÂDI	320	2	7	00	0	0	—	13.5	+0.3	24	31		17		54	14	0	0	
62402	QENA	270	5	35	00	0	0	—	13.3	+0.2	21	35	-1	19	0	65	14	0	0	
62405	LUXOR	00	0	18	00	0	0	—	12.4		25	34		17		47	13	0	0	
62414	ASWÂN	360	7	30	00	0	0	—	12.4	+0.2	26	35	-2	21	-1	51	15	0	0	
62417	SÎWA	00	0	35	00	0	0	—	16.0	-1.2	23	32	-1	15	0	32	5	0	0	0
62420	BAHARÎYA	00	0	35	02	0	0	—	15.8	-0.4	23	29	-3	14	-2	61	15	0	0	0
62423	FARAFRA																			
62432	DAKHLA	340	5	35	00	0	0	—	13.4	-1.4	19			16	-2	52	9	0	0	
62436	KHARGA	40	1	35	00	0	0	—	12.3	-1.5	22	31	-4	18	-1	47	10	0	0	
62450	SUEZ	00	0	35	00	0	0	—	14.2	-0.4	22	29	-3	17	-3	57	13	0	0	0
62459	TÛR	40	4	35	00	0	0	—	11.8	-0.9	19	28	-1	18	-1	73	14	0	0	0
62462	HURGHÂDA	300	4		00	0	0	—	11.4		24	27		19		54	14	0	0	
62465	QUSEIR	360	19	15	02	0	0	—	12.0	-0.8	26	29	-2	23	-1	62	18	0	0	0
62641	PORT SÛDAN	270	9	30	01	1	1	Sc	9.3		30	34		25		62	22	0	0	3
62600	WÂDI HALFA	20	11	30	00	0	1	Cc	12.2		25	37		21		34	8	0	0	
62640	ABU HAMAD	20	9	30	00	0	0	—	7.9		29	41		24		25	7	0	0	
62660	KAREIMA	50	6	30	00	0	0	—	9.1		28	41		25		31	9	0	tr	0
62680	'ATBARA	20	5	30	00	0	0	—	7.2		30	41		25		24	7	0	0	0
62721	KHARTÛM	360	2	30	02	0	1	Ac	7.2		29	40		25		31	10	2	2	1
62780	KASSALA	180	2	30	00	0	0	—	7.6		28	40		21		58	19	0	0	2
62751	WÂD MEDANI	160	5	50	01	1	2	Cu	7.5		29	36		20		59	20	0	1	3
62801	RENK	60	5	50	00	0	2	Cu	8.2		29	37		22		59	20	0	0	12
62802	ROSEIRES	70	2	35	02	0	0	-	8.7		24	35		18		84	21	0	23	8
62771	EL OBEID	300	8	30	01	1	1	Ac	8.0		29	35		23		46	16	0	2	5
62760	EL FÂSHER	330	3	30	00	0	1	Ac			27	37		21		35	10	0	0	2
62770	GENEINA	180	11	30	00	0	2	Ac, Cs			24	36		21		32	6	0	0	2
62840	MALAKÂL	50	2	30	00	0	0	-	9.0		28	33		22		94	22	0	15	31
62880	WÂU	00	0	30	01	1	3	Ac	8.8		25	35		21		89	22	0	69	40
62941	JUBA	180	7	30	02	1	4	Ac, Cu	10.0		25	34		20		74	20	tr	10	32

HUMIDITY

Mean of day %

STATION	On 9th	Diff. from normal
Alexandria	59	-8
Ezbekiya	68	+2
Giza	61	-7
Helwân	58	+5

GIZA
GRASS MINIMUM TEMP.
ON 10th 7.0 °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 AIRPORTS	PRESSURE 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	Foud A.P.				Hurghada				Matruh																	
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	330	10			340	27			120	11																
600	350	15			330	16			120	10																
1000	340	10			300	13			260	12																
1500	330	9			280	16			230	15																
2000	350	9			220	13			260	19																
3000	20	10			250	16																				
4000																										
5000																										
6000																										
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		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.
300	230	28	230	20	100	6													360	12	350	30	
600	240	30	250	10	110	5													360	17	320	15	
1000	240	28	280	6	80	10													20	19	320	22	
1500			300	7	50	13													200	4	280	18	
2000			330	12	50	13													180	12	220	12	
3000			300	14															180	6	220	26	
4000																					220	36	
5000																							
6000																							
7000																							
8000																							

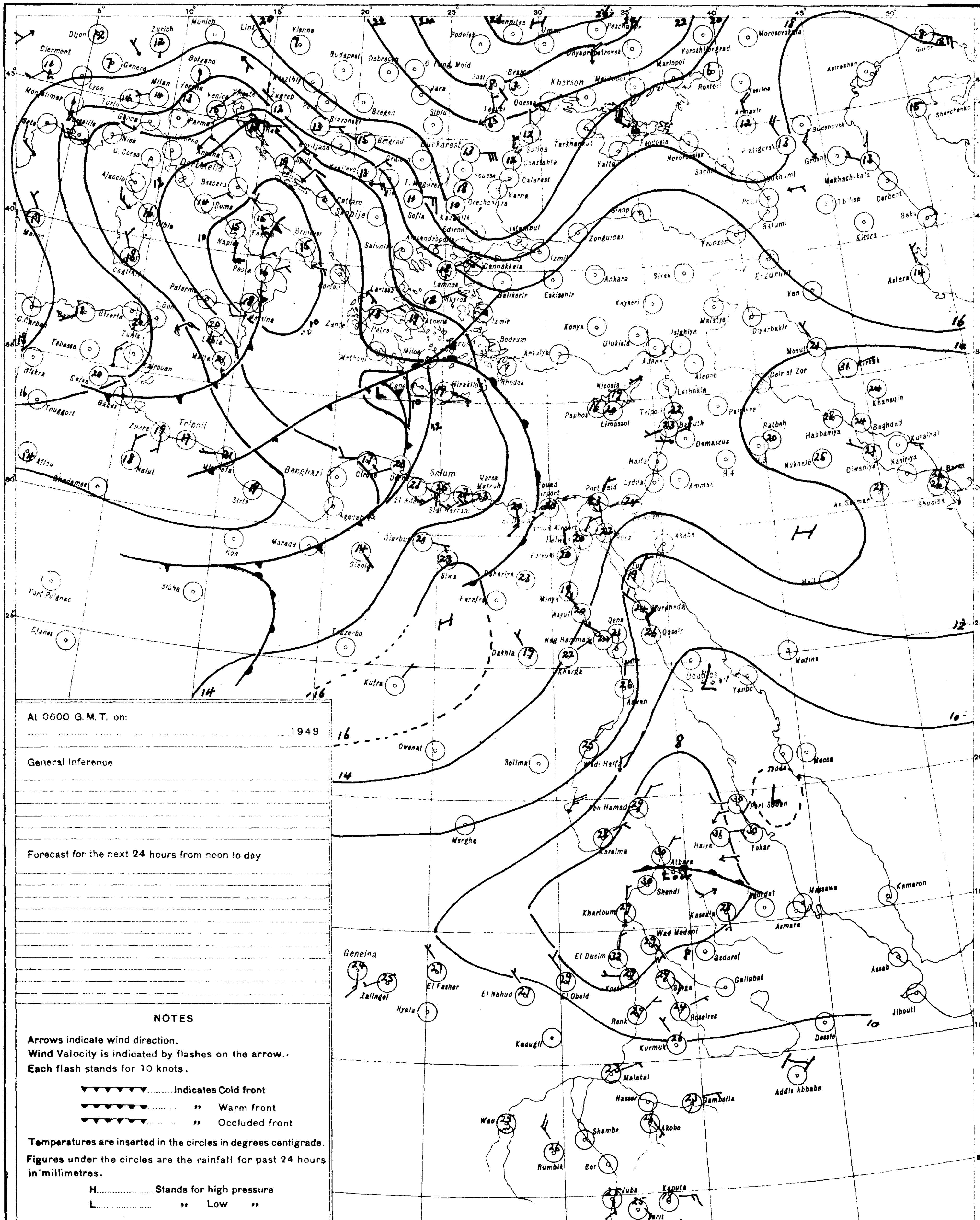
STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7		3		3		3 45		4						5		4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	230	10	10	10	350	9	10	12																
600	220	10	350	7	20	12	360	11			30	4	30	25	280	7							290	3
1000	250	4	360	18	30	18			10	11	90	14	50	36	260	9					70	13	280	5
1500	310	3	350	30	40	28			30	4	110	16	60	15	60	2					80	18	360	5
2000	20	7	20	36					270	3	70	14	50	12	20	3								
3000	350	16							260	11	60	6			120	16							60	12
4000	350	16													80	4								
5000	10	12													120	2								
6000	250	7																						
7000	260	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.

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 *MONDAY 10-10* 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

SCALE 1:15,000,000

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

CAIRO
Time of Sunrise 03 54 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 : Tuesday 11th October, , 1949

At 1200 on Mon. 10th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C
NORTH MEDITERRANEAN	62300	SALUM	220	13	7	00	0	0	—	11.4	34	47	12
	62305	SIDI BARANI	240	17	3	04	3	8	—	12.0			16
	62306	MATRUH											
	62309	EL DABA	70	12	35	00	0	0	—	12.7	29	40	14
		ALEXANDRIA	20	5	35	00	0	0	—	14.6	25	61	17
	62378	FOUAD (Airport)	20	7	18	02	0	0	—	14.2	26	58	17
	62330	DAMIETTA	20	5	15	00	0	0	—	15.2	24	69	18
	62333	PORT SAÏD	40	5	30	02	0	0	—	14.6	26	55	16
	62336	EL 'ARISH	360	3	35	01	0	0	—	15.1	25	58	16
LOWER EGYPT	62339	DAMANHUR	180	5	15	02	0	0	—	14.7	29	52	18
	62342	MANSURA	20	5	35	00	1	0	—	14.2	30	40	15
	62348	TANTA	40	2	35	02	0	0	—	14.2	30	40	16
	62354	ZAGAZIG	320	6	35	00	0	0	—	13.9	28	45	15
	62341	ISMAILIA	40	2	35	01	0	0	—	13.6	28	45	15
CAIRO AREA	62368	FAROUK (Airport)	50	17	30	00	0	0	—	13.7	28	37	12
	62372	ALMAZA	40	12	30	00	0	0	—	13.2	28	37	12
		EZBEKIYA	20	4	85	00	0	0	—	13.5	29	37	13
		GIZA	20	4	35	00	0	0	—	13.9	29	39	14
	62379	HELWAN	20	11	35	02	0	0	—	12.8	30	25	8
UPPER EGYPT	62381	FAIYUM	360	5	35	02	0	0	—	13.1	29	29	9
	62387	MINYA	10	11	12	00	0	0	—	12.2	30	33	12
	62393	ASYUT [illegible]											
	62399	NAG HAMMADI	270	2	7	00	0	0	—	10.0	30	40	15
	62409	QENA	270	2	50	00	0	0	—	9.5	34	36	17
	62405	LUXOR											
	62414	ASWAN	360	6	50	00	0	0	—	7.9	34	32	15
OASES	62417	SIWA	00	0	35	00	0	0	—	15.4	31	38	15
	62420	BAHARIYA	20	5	35	02	0	0	—	13.6	31	28	10
	62423	FARAFRA											
	62432	DAKHLA	360	8	50	00	0	0	—	11.7	30	21	5
	62435	KHARGA	20	6	35	00	0	0	—	11.3	30	19	4
RED SEA	62450	SUEZ	360	8	35	02	0	0	—	13.3	28	33	10
	62459	TOR	310	6	35	00	0	0	—	13.5	27	70	21
	62462	HURGHADA	350	9		00	0	0	—	9.7	26	70	20
	62465	QUSEIR	360	12	15	02	0	0	—	9.9	28	58	19
	62641	PORT SUDAN	360	15	30	02	0	0	—	6.9	33	63	25
NORTH SUDAN	62600	WADI HALFA	10	10	30	00	0	0	—	7.7	34	14	3
	62640	ABU HAMAD	20	5	30	00	0	0	—	3.4	40	8	0
	62660	KAREIMA	50	1	30	00	0	0	—	5.1	39	18	11
	62680	ATBARA	50	9	30	03	0	2	Cu, ac	2.2	40	14	8
	62721	KHARTUM	30	5	30	03	0	2	cu	1.8	39	16	9
	62780	KASSALA	00	0	30	00	0	0	—	1.7	39	23	14
CENTRAL SUDAN	62761	WAD MEDANI	90	9	35	02	1	4	Cb	1.6	39	28	17
	62801	RENK	230	9	35	02	1	4	Cu	2.2	36	40	20
	62802	ROSEIRES											
	62771	EL OBEID			30	01	0		Cu	3.1	36	19	9
	62760	EL FASHER	90	9	30	00	0	0	—		35	25	12
	62770	GENEINA	160	4	30	01	1	4	Cu		34	12	1
S. SUDAN	62840	MALAKAL	250	3	30	03	1	3	Cb, Ci	5.2	33	44	19
	62880	WAU	310	2	30	03	0	5	cb	4.8	34	34	16
	62941	JUBA											

At 1800 on Mon. 10th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms
NORTH MEDITERRANEAN	62300	SALUM	40	3	15	02	0	0	—	13.2	25	58	16	0
	62305	SIDI BARANI	300	1	35	00	0	0	—	13.8	23	89	21	0
	62306	MATRUH												
	62309	EL DABA	00	0	15	00	0	0	—	13.2	22	74	17	0
		ALEXANDRIA	130	9	50	01	1	2	Cu	15.4	23	47	16	0
	62378	FOUAD (Airport)	110	3	14	02	0	0	—	14.9	20	88	18	0
	62330	DAMIETTA	110	5	3	11	0	0	—	14.2	22	83	19	0
	62333	PORT SAÏD	90	9	12	03	0	3	Sc	15.3	23	74	18	0
	62336	EL 'ARISH	00	0	35	02	0	0	—	15.0	23	65	16	0
LOWER EGYPT	62339	DAMANHUR	130	9	1.8	42	4	0	—	15.1	22	83	19	0
	62342	MANSURA	200	5	35	00	0	0	—	15.9	21	83	18	0
	62348	TANTA	00	0	35	02	0	0	—	16.2	20	73	15	0
	62354	ZAGAZIG	40	5	15	00	0	0	—	15.4	21	74	16	0
	62341	ISMAILIA	140	2	35	02	0	0	—	14.7	22	65	15	0
CAIRO AREA	62368	FAROUK (Airport)												
	62372	ALMAZA	80	18	12	00	0	0	—	14.6	23	61	15	0
		EZBEKIYA	20	4	15	00	0	0	—	14.6	23	61	15	0
		GIZA	20	4	15	00	0	0	—	15.0	24	49	12	0
	62379	HELWAN	70	15	15	00	0	0	—	14.3	24	47	12	0
UPPER EGYPT	62381	FAIYUM	360	5	35	02	0	0	—	13.6	23	61	15	0
	62387	MINYA	360	5	10	00	0	0	—	12.5	20	60	12	0
	62393	ASYUT [illegible]	300	3	30	00	0	0	—					
	62399	NAG HAMMADI	00	0	3	00	0	0	—	10.2	22	74	17	0
	62409	QENA	270	2	7	00	0	0	—	9.9	26	48	14	0
	62405	LUXOR			00	0	12	00	0	0	—	9.9	26	55	16	0
	62414	ASWAN	340	5	50	00	0	0	—	9.5	32	36	15	0
OASES	62417	SIWA	00	0	35	00	0	0	—	15.1	27	62	19	0
	62420	BAHARIYA	40	2	15	02	0	0	—	14.2	26	37	10	0
	62423	FARAFRA												
	62432	DAKHLA	00	0	35	00	0	0	—	13.4	27	27	6	0
	62435	KHARGA	00	0	15	00	0	0	—	10.2	26	30	7	0
RED SEA	62450	SUEZ	360	6	15	02	0	0	—	13.4	23	61	15	0
	62459	TOR	340	7	15	00	0	0	—	11.6	25	74	20	0
	62462	HURGHADA	360	12		00	0	0	—	10.2	25	66	19	0
	62465	QUSEIR	330	13	15	02	0	0	—	11.0	26	45	20	0
	62641	PORT SUDAN												
NORTH SUDAN	62600	WADI HALFA												
	62640	ABU HAMAD												
	62660	KAREIMA												
	62680	ATBARA												
	62721	KHARTUM												
	62780	KASSALA												
CENTRAL SUDAN	62761	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 Tuesday 11th October,

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR PRESSURE M.S.L. mbs	BAR PRESSURE Diff. from normal mbs	TEMPERATURES °C Dry Bulb	TEMPERATURES °C MAXIMUM Yesterday	TEMPERATURES °C MAXIMUM Diff. from normal	TEMPERATURES °C MINIMUM Today	TEMPERATURES °C 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
NORTH MEDITERRANEAN	62300	SALUM	40	2	15	03	1	5	Ac	16.0		25	35				70	19		0		SALUM
	62305	SIDI BARANI	00	0	15	12	4	8	As	16.2		22	35		16		89	20	0	0		SIDI BARANI
	62306	MATRUH																		0		MATRUH
	62309	EL DABA	00	0	15	00	0	0	—	14.6		21	32		16		74	16	0	0		EL DABA
		ALEXANDRIA	130	9	50	01	1	2	Cu	16.7	+0.5	21	27	-2	19	-1	83	18	0	0	2	ALEXANDRIA
	62378	FOUAD (Airport)	110	3	14	02	0	0	—	16.4		21	28		17		83	18	0	0	2	FOUAD (AIRPORT)
	62330	DAMIETTA	110	5	3	11	0	0	—	16.3	+1.1	24	25		20		84	21	0	0	2	DAMIETTA
	62333	PORT SAÏD	90	9	12	03	0	3	Sc	16.0		24	27		22		74	19	0	0		PORT SAÏD
	62336	EL 'ARISH	00	0	35	02	0	0	—	15.8	+0.8	20	23	-1	14	-4	73	15	0	0	1	EL 'ARISH
LOWER EGYPT	62339	DAMANHUR	130	9	1.8	42	4	0	—	16.4	+0.4	20	30	-1	15	-2	88	18	0	0	1	DAMANHUR
	62342	MANSURA	200	5	35	00	0	0	—	16.2	+0.6	22	31	0	15	-3	74	17	0	0	1	MANSURA
	62348	TANTA	00	0	35	02	0	0	—	16.7	+0.7	19	30	-1	12	-4	88	17	0	0	1	TANTA
	62354	ZAGAZIG	40	5	15	00	0	0	—	16.3	+0.2	22	29	-2	16	0	74	17	0	0	0	ZAGAZIG
	62341	ISMAILIA	140	2	35	02	0	0	—	15.6		21	29		16		74	16	0	0		ISMAILIA
CAIRO AREA	62368	FAROUK (Airport)																		0		FAROUK (Airport)
	62372	ALMAZA	80	18	12	00	0	0	—	14.8	-0.8	22	29		17		74	17	0	0		ALMAZA
		EZBEKIYA	20	4	15	00	0	0	—	15.0	-0.6	22	30	-1	17	-1	78	18	0	0	0	EZBEKIYA
		GIZA	20	4	15	00	0	0	—	15.4	-0.4	21	30	0	14	-2	75	16	0	0	1	GIZA
	62379	HELWAN	70	15	15	00	0	0	—	14.9	-0.7	23	30	0	18	-1	50	12	0	0	0	HELWAN
UPPER EGYPT	62381	FAIYUM	360	5	35	02	0	0	—	14.8	-0.8	22	30	-2	16	-2	65	15	0	0	0	FAIYUM
	62387	MINYA	360	5	10	00	0	0	—	14.0		19	30		15		73	14	0	0		MINYA
	62393	ASYUT [illegible]	300	3	30	00	0	0	—						14			14	0	0		ASYUT [illegible]
	62399	NAG HAMMADI	00	0	3	00	0	0	—	12.8	-0.5	24	32		16		69	18	0	0		NAG HAMMADI
	62409	QENA	290	2	35	00	0	0	—	12.7	-0.5	22	36	+1	22	+3	65	15	0	0		QENA
	62405	LUXOR											33							0		LUXOR
	62414	ASWAN	360	4	50	00	0	0	—	11.2	-1.1	28	35	-2	22	0	42	14	0	0		ASWAN
OASES	62417	SIWA	00	0	35	00	0	0	—	16.0	-1.3	21	31	-2	14	-1	57	12	0	0	0	SIWA
	62420	BAHARIYA	00	0	35	02	0	0	—	15.5	-0.8	23	32	+1	15	-1	61	15	0	0	0	BAHARIYA
	62423	FARAFRA																				FARAFRA
	62432	DAKHLA	180	3	35	00	0	0	—	15.8	+0.9	24	32	-2	18	0	47	12	0	0		DAKHLA
	62435	KHARGA	00	0	35	00	0	0	—	12.8	-1.1	22	31	-4	16	-3	50	11	0	0		KHARGA
RED SEA	62450	SUEZ	00	0	35	00	0	0	—	14.6	-0.1	21	29	-3	16	-4	65	14	0	0	0	SUEZ
	62459	TOR	360	6	35	00	0	0	—			22	27	-2	16	-3	68	16	0	0	0	TOR
	62462	HURGHADA	310	19		00	0	0	—	11.3		24	26		20		61	16	0	0		HURGHADA
	62465	QUSEIR	360	13	15	02	0	0	—	11.0	-1.6	26	29	-2	23	-1	48	14	0	0	0	QUSEIR
	62641	PORT SUDAN	360	1	30	00	1	0	—	9.5		30	35		25		59	21	0	0	4	PORT SUDAN
NORTH SUDAN	62600	WADI HALFA	350	2	30	00	0	0	—	11.1		23	35		19		20	-1	0	0		WADI HALFA
	62640	ABU HAMAD	20	3	30	00	0	0	—	7.9		30	41		24		18	3	0	0		ABU HAMAD
	62660	KAREIMA	20	3	30	00	0	0	—	8.2		28	41		24		27	7	0	dr.	0	KAREIMA
	62680	ATBARA	20	5	30	00	0	0	—	7.0		29	41		24		23	6	0	0	0	ATBARA
	62721	KHARTUM	130	12	30	03	0	2	Ci	5.4		32	40		27		26	10	dr.	2	1	KHARTUM
	62780	KASSALA	230	5	30	00	0	0	—	7.7		29	40		22		52	18	0	0	2	KASSALA
CENTRAL SUDAN	62761	WAD MEDANI	270	5	50	02	8	2	Ac, Cu	7.2		28	40		21		58	19	dr.	1	4	WAD MEDANI
	62801	RENK	180	9	50	02	1	4	Cu	7.3		26	37		20		74	22	0	0	13	RENK
	62802	ROSEIRES																	3	26	9	ROSEIRES
	62771	EL OBEID	330	11	30	01	0	1	Ac	7.6		28	37		23		22	4	0	2	5	EL OBEID
	62760	EL FASHER	00	0	30	00	0	1	Ac			26	36		21		37	10	0	0	2	EL FASHER
	62770	GENEINA	50	3	30	00	0	0	—			25	35		20		28	5	dr.	dr.	3	GENEINA
S. SUDAN	62840	MALAKAL	180	1	30	01	2	7	Ac	9.2		24	34		21		54	23	3	18	34	MALAKAL
	62880	WAU	170	2	30	03	2	7	Ac	9.6		23	34		21		78	19	dr.	69	45	WAU
	62941	JUBA	230	5	30	03	2	8	Ac, Cu	10.6		26	35		20		70	20	0	10	35	JUBA

UPPER AIR OBSERVATIONS

Aeroplane Ascent

City 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 10th At 15th

PRESSURE mbs	HEIGHT ABOVE M.S.L. metres	TEMP. °C	HUMID. %	WIND DIR.	WIND VEL.
1000	115	29	33	360	12
950					
900					
850	1526	17	18	30	20
800					
700	3173	7	29	350	10
600					
500	5825	-11		250	15
400		-19			
300	9519	-40		220	23

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	Matruh				Port Said				Fouad A.P.				Hurghada											
TIME	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	120	11			30	8			80	8			350	24										
600	120	10			30	16			360	5			350	12										
1000	260	12			20	16			350	7			320	13										
1500	230	15			10	76			340	15			300	6										
2000	260	19							360	15			250	6										
3000													240	22										
4000													220	30										
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 11th

STATION	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SAÏD		EL 'ARISH		HELWAN		MINYA		ASYUT [illegible]		LUXOR		ASWAN		HURGHADA			
TIME	9		9 30		3		3								7				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	120	5	220	5	90	10	80	14							00	0			360	18	350	19		
600	240	8	220	10	60	10	70	12							40	10			20	16	320	13		
1000	250	15	270	7	40	5									50	10			20	13	340	6		
1500	240	18	290	10	50	10									80	6			110	9	210	9		
2000	240	15	220	2											150	3			130	17	200	19		
3000	250	13	320	10											200	11			140	8	190	13		
4000			290	7											190	14			220	8	230	18		
5000																								
6000																								
7000																								
8000																								

STATION	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME	9		9		9		1		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	200	5	20		60	14	10	14	10	11														
600	190	4	50		50	14	20	23	40	15							180	13						
1000	190	4	50		50	18	40	18	60	11							120	14						
1500	100	8	40		50	21	80	11	110	15							100	13						
2000	70	9	40																					
3000	80	3							90	13							330	14						
4000	90	10																						
5000																								
6000																								
7000																								
8000																								

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

HUMIDITY
Mean of day

STATION	10th	Diff. from normal
Alexandria	69	+2
Ezbekiya	62	-4
Giza	60	-8
Helwan	53	0

GIZA
GRASS MINIMUM TEMP
ON 11th 0.8 °C.

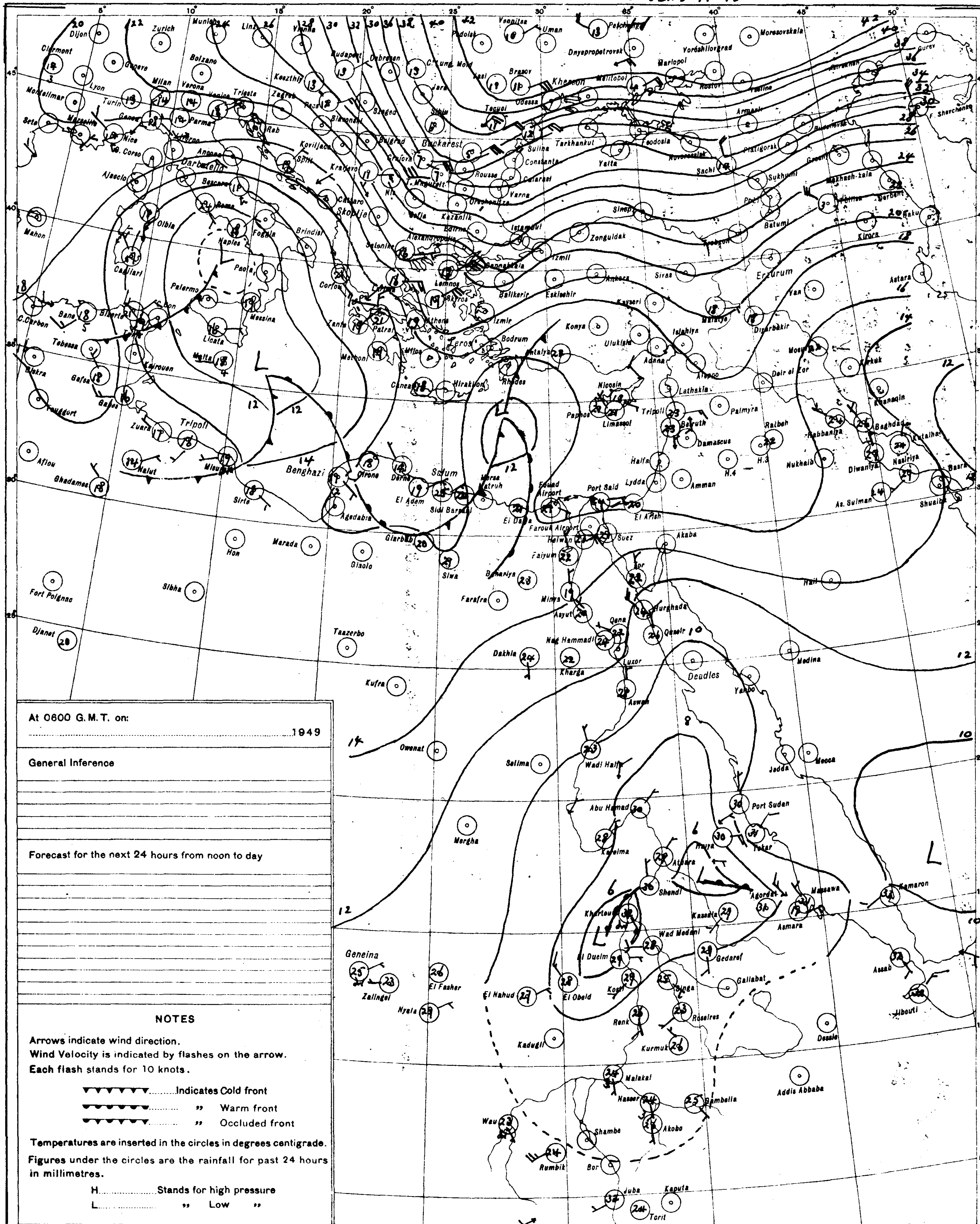
Remarks

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 TUESDAY 11-10 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	Thunderstorm during the past hour	91
Hail		93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

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

AMOUNT OF CLOUD

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

At 0600 G. M. T. on:

....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 ,,

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

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 55 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: Wednesday 12th October, 1949

At 1200 on Tues. 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	360	3	7	02	1	5	ac	16.0	25	70	19
	62305	SIDI BARANI	40	6	15	01	1	5	ci	16.4	24	94	23
	62306	MATRUH	40	4	18	00	0	0	—	16.1	26	70	20
	62309	EL DABA	40	8	35	00	0	0	—	16.1	27	42	13
		ALEXANDRIA	40	10	50	00	0	0	—	16.3	25	74	20
	62318	FOUAD (Airport)	20	10	18	02	0	0	—	15.7	28	62	20
	62330	DAMIETTA	360	5	15	00	0	0	—	15.9	25	74	20
	62333	PORT SAID	40	10	30	02	0	0	—	15.6	27	66	20
	62336	EL ARISH	360	3	35	03	0	1	cu	15.6	25	84	21
LOWER EGYPT	62339	DAMANHUR	90	9	15	02	0	0	—	16.0	30	52	17
	62342	MANSURA	40	5	35	00	0	0	—	15.5	31	38	15
	62348	TANTA	90	5	35	02	0	0	—	15.9	31	43	17
	62354	ZAGAZIG	40	5	35	00	0	0	—	14.8	30	40	15
	62441	ISMAILIA	20	2	35	02	0	0	—	14.3	30	40	15
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMAZA	30	13	30	00	0	0	—	13.7	31	38	15
		EZBEKIYA	20	4	35	00	0	0	—	14.0	32	38	16
		GIZA	20	4	35	00	0	0	—	14.7	30	45	17
	62378	HELWAN	20	18	15	02	0	0	—	13.4	31	28	10
UPPER EGYPT	62381	FAIYUM	360	8	35	02	0	0	—	12.7	33	21	8
	62387	MINYA	10	12	12	00	0	0	—	11.5	33	24	10
	62393	ASYUT	00	0	30	00	0	0	—	10.8	32	20	6
	62399	NAG HAMMADI	00	0	7	00	0	0	—	10.0	32	49	20
	62402	QENA	270	2	50	00	0	0	—	9.4	36	33	17
	62405	LUXOR											
	62414	ASWAN	340	5	50	00	0	0	—	8.3	38	24	14
OASES	62417	SIWA	00	0	35	00	0	0	—	16.0	35	42	20
	62420	BAHARIYA	40	6	35	02	0	0	—	13.0	34	18	6
	62423	FARAFRA											
	62432	DAKHLA	360	6	50	00	0	0	—		34	6	-8
	62435	KHARGA	360	2	35	00	0	0	—	10.7	34	10	-2
RED SEA	62450	SUEZ	360	9	35	02	0	0	—	12.6	31	28	10
	62459	TOR	310	5	35	00	0	0	—	10.7	27	70	21
	62462	HURGHADA	350	3		00	0	0	—	10.8	26	74	21
	62465	QUSEIR	360	9	15	02	0	0	—	11.9	28	62	20
	62641	PORT SUDAN	10	17	30	01	1	1	ci	7.4	32	74	27
NORTH SUDAN	62600	WADI HALFA	360	9	30	00	0	0	—	6.8	37	12	3
	62640	ABU HAMAD	180	2	30	03	0	2	ci	3.5	41	10	3
	62660	KAREIMA	50	2	30	00	0	0	—	4.0	40	11	4
	62680	ATBARA	90	9	10	00	0	0	—	2.8	40	9	1
	62721	KHARTUM	50	2	30	03	0	1	cu	1.7	40	12	4
	62730	KASSALA	180	2	30	00	0	1	cu	2.4	38	25	15
CENTRAL SUDAN	62751	WAD MEDANI	190	2	35	00	1	2	cu	2.3	38	25	15
	62801	RENK	230	9	50	01	1	4	cu		36	40	20
	62802	ROSEIRES	210	2	35	01	0	4	ac	2.7	36	37	19
	62771	EL OBEID	300	3	30	02	1	3	cb, ac	3.1	37	13	4
	62760	EL FASHER	160	5	30	03	0	1	cu, ac		36	22	11
	62770	GENEINA	170	6	30	01	0	3	cu		35	15	5
S. SUDAN	62840	MALAKAL											
	62880	WAU	330	2	30	03	2	7	cu, ac	6.7	32	49	20
	62941	JUBA	90	5	30	03	2	7	cu, sc, ac	5.2	33	50	21

At 1800 on Tues. 11th

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew point °C	Rain past 12 hrs mms
SALUM	40	3	15	02	1	5	ac		26	70	20	0
SIDI BARANI	20	8	15	01	0	2	ac, ci	17.5	23	89	21	0
MATRUH	00	0	13	00	1	0	—	17.3	22	89	20	0
EL DABA	70	7	7	00	0	0	—	17.2	23	84	20	0
ALEXANDRIA	40	9	7	00	0	0	—	17.9	23	74	18	0
FOUAD (Airport)	30	6	14	02	0	0	—	17.2	21	94	19	0
DAMIETTA	20	5		02	0	0	—	17.1	23	84	20	0
PORT SAID	30	14	13	01	0	0	—	16.7	24	84	21	0
EL ARISH	320	2	15	01	0	1	cu	16.3	24	84	21	0
DAMANHUR	40	9	7	02	0	0	—	17.5	22	83	19	0
MANSURA	20	5		00	0	0	—	17.6	22	83	19	0
TANTA	90	2	35	02	0	0	—	17.6	21	74	16	0
ZAGAZIG	40	5	35	00	0	0	—	17.0	22	89	20	0
ISMAILIA	20	2	35	03	1	5	cu	16.7	21	94	20	0
FAROUK (Airport)												
ALMAZA	30	15	14	00	0	0	—	15.9	23	84	20	0
EZBEKIYA	40	3	15	00	0	0	—	16.2	23	74	18	0
GIZA	40	3	15	00	0	0	—	16.6	24	69	18	0
HELWAN	20	17	16	02	0	0	—	15.9	24	61	16	0
FAIYUM	360	2	35	02	0	0	—	13.9	26	42	12	0
MINYA	20	8	10	00	0	0	—	12.3	25	42	11	0
ASYUT												
NAG HAMMADI	00	0		00	0	0	—	11.0	25	70	19	0
QENA	270	2	7	00	0	0	—	10.6	26	62	18	0
LUXOR	00	0	12	00	0	0	—	10.3	30	33	12	0
ASWAN	00	0	50	00	0	0	—	9.3	33	30	13	0
SIWA	00	0	35	00	0	0	—	14.4	27	62	19	0
BAHARIYA	40	4	15	02	0	0	—	14.3	27	37	11	0
FARAFRA												
DAKHLA	40	6	35	00	0	0	—	12.8	29	14	-1	0
KHARGA	00	0	15	00	0	0	—	11.2	29	9	-7	0
SUEZ	330	5	15	02	0	0	—	14.7	24	69	18	0
TOR	310	8	15	00	0	0	—	12.3	25	74	20	0
HURGHADA	280	8		00	0	0	—	11.3	25	58	17	0
QUSEIR	330	9	15	02	0	0	—	10.9	26	62	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 12th October,

Station	Wind 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	140	1	15	03	1	4	ac			23					74	18	0	0	
SIDI BARANI	00	0	7	01	0	1	ac	19.4		22	25		17		89	20	0	0	
MATRUH	00	0	12	02	4	3	cu	19.0		22	28		14		83	19	0	0	
EL DABA	90	8	15	00	0	0	—	18.3?		24	29		20		74	19	0	0	
ALEXANDRIA	40	6	50	00	0	0	—	18.7	+2.4	25	27	-2	21	+1	70	19	0	0	2
FOUAD (Airport)	50	4	12	02	0	0	—	18.3		23	30		16		84	20	0	0	2
DAMIETTA	40	2	3	00	0	0	—	18.2	+2.9	25	27		21		74	20	0	0	2
PORT SAID	40	11	12	02	0	1	sc	18.2		25	27		23		74	20	0	0	
EL ARISH	00	0	35	00	0	3	cu	17.6	+2.5	22	26	-3	17	-1	74	17	0	0	1
DAMANHUR	40	13	3	28	4	0	—	18.6	+2.5	22	31	0	17	0	75	22	0	0	1
MANSURA	40	5	35	00	0	0	—	18.8	+2.1	24	33	+2	19	+1	74	19	0	0	1
TANTA	90	2	35	02	0	0	—	19.1	+3.0	20			14	-2	88	18	0	0	1
ZAGAZIG	320	5	15	00	0	0	—	19.0	+2.8	24	30	-1	17	+1	84	21	0	0	0
ISMAILIA	140	2	35	01	1	2	cu	17.8		23	30		17		84	20	0	0	
FAROUK (Airport)																		0	
ALMAZA	50	23	13	01	2	4	sc	17.8	+2.1	23	32		19		84	20	0	0	
EZBEKIYA	20	4	15	00	0	3	cu	17.8	+2.1	23	32	+1	20	+2	84	20	0	0	0
GIZA	20	4	15	00	0	3	cu	17.5	+1.5	22	32	+2	20	+4	74	17	0	0	1
HELWAN	40	27	7	31	3	0	—	16.0	+0.4	23	32	+2	20	+1	65	16	0	0	0
FAIYUM	360	8	35	02	0	0	—	16.6	+0.9	24	34	+2	18	0	61	16	0	0	0
MINYA	10	11	10	00	0	0	—	14.3		21	33		16		69	15	0	0	
ASYUT MANQABAD	280	2	30	00	0	0	—	14.0		22			17		50	11	0	0	
NAG HAMMADI	00	0	3	00	0	0	—	13.4	0.0	25	34		16		54	15	0	0	
QENA	320	5	35	00	0	0	—	13.5	+0.2	26	39	+4	20	+1	37	10	0	0	
LUXOR	160	3	30	00	0	0	—	12.9		26	36		20		42	12	0	0	
ASWAN	340	4	50	00	0	0	—	12.6	+0.3	31	40	+3	24	+2	38	15	0	0	
SIWA	00	0	35	00	0	0	—	18.3	+1.0	24	37	+4	17	+2	65	17	0	0	0
BAHARIYA	360	9	35	02	0	0	—	16.0	-0.3	21	35	+4	18	+2	83	18	0	0	0
FARAFRA																			
DAKHLA	00	0	35	00	0	0	—			20	37	+3	16	-2	46	8	0	0	
KHARGA	00	0	35	00	0	0	—	13.1	-0.8	24	35	0	17	-2	38	9	0	0	
SUEZ	360	7	35	00	0	0	—	16.3	+1.6	24	32	0	20	0	69	18	0	0	0
TOR	310	4	35	00	0	0	—	13.2	+0.4	23	28	-1	17	-2	61	15	0	0	0
HURGHADA	300	7		00	0	0	—	13.6		25	27		20		54	15	0	0	
QUSEIR	360	13	15	02	0	0	—	13.6	+0.9	27	29	-2	23	-1	52	16	0	0	0
PORT SUDAN	270	9	30	01	1	1	st.	12.5		27	34		23		74	24	0	0	4
WADI HALFA	00	0	30	00	0	0	—	10.8		27	39		20		28	7	0	0	
ABU HAMAD	70	2	30	00	0	0	—	10.4		29	42		23		74	24	0	0	
KAREIMA	40	1	30	00	0	0	—	9.3		29	41		24		35	12	0	dr.	0
ATBARA	50	2	30	00	0	0	—	9.7		26	41		21		32	8	0	0	0
KHARTUM	120	2	30	02	0	1	ci	8.9		29	41		25		58	7	0	2	1
KASSALA																		0	3
WAD MEDANI	230	5	50	02	0	0	—	8.8		28	40		22		58	19	0	1	4
RENK	200	2	35	00	0	0	—	9.6		25	36		21		79	21	0	0	15
ROSEIRES																	0	26	10
EL OBEID	260	15	30	02	0	2	ci	9.8		28	37		24		58	19	0	2	6
EL FASHER	00	0	30	00	0	1	ac			25	37		21		30	6	0	0	3
GENEINA	10	4	30	00	0	2	ci			25	36		18		26	4	0	dr.	3
MALAKAL	290	3	30	01	8	7	ac	9.9		25	31		23		84	22	dr.	18	38
WAU	130	7	30	80	8	8	cb, ac	10.2		23	33		22		89	21	dr.	69	50
JUBA																	0	10	38

HUMIDITY % Mean of day

Station	On 11th	Diff. from normal
Alexandria	76	+9
Ezbekiya	70	+4
Giza	67	-1
Helwan	51	-2

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

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	124	30	25	360	17
950					
900					
850	1536	17		50	33
800					
700	3154	7		50	5
600					
500	5826	-12		240	14
400		-24			
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 ...

Station	Matruh				Foad A.P				Port Said				Hurghada	
Time	15								15				15	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	30	8			20	18			20	15			80	8
600	350	5			40	12			40	20			320	8
1000	20	13			10	20			40	19			00	0
1500					60	10			40	28			300	4
2000					80	13							[illegible]	[illegible]
3000					30	23								
4000														
5000														
6000														
7000														
8000														

UPPER WIND OBSERVATIONS on 12th

Station	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SAID		EL ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA			
Time	9		9		3		3				8 45										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	70	18	50	11	50	19	50	13			50	56									340	33		
600	90	23	60	3	60	23	50	18			60	42									320	22		
1000	100	21	70	9	60	23	40	22			230	5									340	7		
1500	130	10	90	15	70	16	40	20													90	10		
2000	120	14	60	3	60	20	40	24													70	6		
3000			80	16																	90	3		
4000			80	16																	240	3		
5000																					180	5		
6000																								
7000																								
8000																								

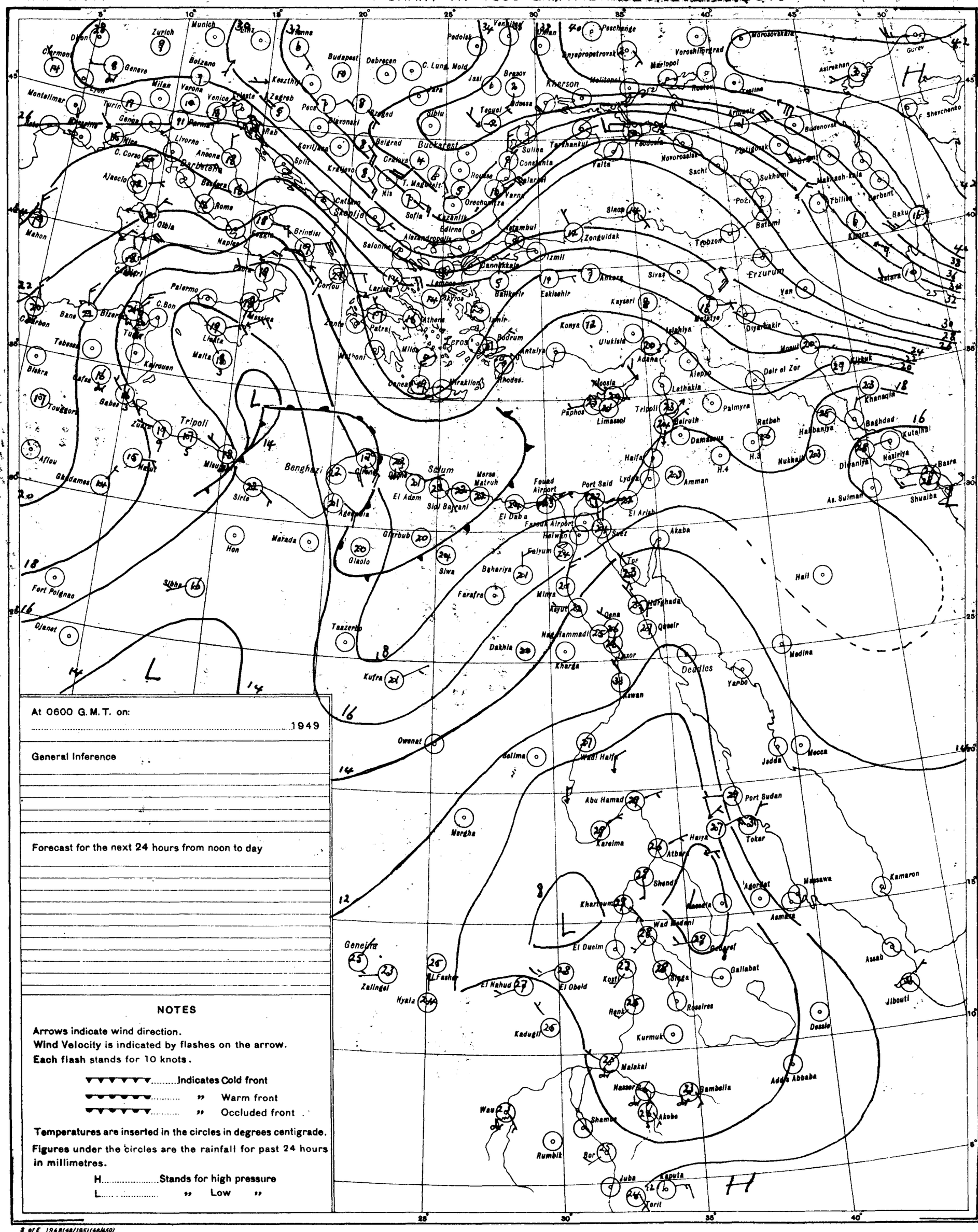
Station	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
Time	9		9		9		7												4		4 30		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	20	21	50	16	340	3	10	16																
600	90	22	50	14	340	3	20	22															260	7
1000	80	22	50	17	300	9	30	16											250	28	00	0	240	11
1500	80	21			320	9													270	3	50	21	190	6
2000	80	24			270	16																	50	4
3000	80	30																	50	14	90	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 WEDNES. 12. 10 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	(K)
During past hour and not at time of observation	Squalls	18	V
	Drizzle	20	,
	Rain	21	•
	Showers of rain	25	•
	,, ,, hail	27	•
	Fog	28	≡
	Thunderstorm	29	K
Duststorm or Sandstorm		31	≡
Fog		45	≡
Drizzle		50	,
Rain		60	•
Showers of rain		80	•
,, ,, hail		87	•
Rain / Hail	Thunderstorm during the past hour	91	K• / K△
Thunderstorm with rain		95	K•
,, ,, hail		96	K
,, ,, Sandstorm		98	K

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

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

FORM OF CLOUD

Cloudless			○
Cirrus	Ci	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 55 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 : Thursday 13th October, , 1949

At 1200 on Wednes 12th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms
MEDITERRANEAN	62300	SALUM	40	6	7	02	1	4	Ac		25	61	17	0
	62303	SIDI BARÂNI	40	12	15	01	0	0	—	19.6	25	84	22	0
	62306	MATRÛH	80	13	18	00	0	0	—	19.2	24	70	20	0
	62309	EL DABA	20	13	35	00	0	0	—	18.4	26	70	20	0
		ALEXANDRIA	20	10	50	00	0	0	—	18.4	25	74	20	0
	62318	FOUAD (Airport)	20	17	14	02	0	0	—	18.0	28	62	20	0
	62330	DAMIETTA	40	2	15	00	0	0	—	17.0	26	74	21	0
	62333	PORT SAÏD	10	10	18	03	0	4	Sc	17.5	27	79	23	0
	62336	EL 'ARISH	360	5	35	01	1	2	Cu	16.3	26	84	23	0
NILE DELTA & UPPER EGYPT	62339	DAMANHUR	40	19	15	02	0	0	—	18.0	32	36	15	0
	62342	MANSURA	20	13	35	00	0	0	—	17.4	32	43	18	0
	62348	TANTA	90	5	35	02	0	0	—	17.8	33	30	13	0
	62354	ZAGAZIG	40	9	35	00	1	0	—	16.8	31	31	12	0
	62441	ISMAÏLIA	20	5	35	02	0	0	—	16.0	32	34	14	0
CAIRO AREA	62366	FAROUK (Airport)	70	17	30	00	0	0	—	15.9	32	28	11	
	62372	ALMÂZA	40	18	30	00	0	0	—	15.7	32	38	16	0
		EZBEKIYA	20	5	35	00	0	0	—	15.8	33	36	16	0
		GIZA	20	5	35	00	0	0	—	15.9	32	38	16	0
	62376	HELWÂN	40	23	15	31	3	6	—	14.8	33	24	10	0
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0	—	14.3	34	22	9	0
	62387	MINYA	10	10	12	00	0	0	—	12.8	35	29	14	0
	62393	ASYÛT MANQABÂD	00	0	30	00	0	0	—	12.3	32	26	10	
	62399	NAG HAMMÂDI	00	0	7	00	0	0	—	11.0	37	40	21	0
	62402	QENA	270	2	50	00	0	0	—	11.1	39	30	18	0
	62405	LUXOR												0
	62414	ASWAN	140	8	50	00	0	0	—	9.1	42	13	8	0
OASES	62417	SÎWA	90	9	35	00	0	0	—	15.6	36	66	28	0
	62420	BAHARÎYA	90	4	35	02	0	0	—	13.8	35	19	8	0
	62423	FARAFRA												
	62432	DAKHLA	270	6	50	00	0	0	—		35	15	5	0
	62435	KHARGA	00	0	35	00	0	0	—	11.4	38	17	8	0
RED SEA	62450	SUEZ	20	9	35	02	0	0	—	14.2	32	34	14	0
	62459	TÛR	300	18	35	00	0	0	—	13.1	29	57	20	0
	62462	HURGHÂDA	340	6		00	0	0	—	12.6	27	79	23	0
	62465	QUSEIR	20	9	15	02	0	0	—	13.1	28	79	24	0
	62641	PORT SUDÂN												
NORTH SUDAN	62600	WÂDI HALFA												
	62640	ABU HAMAD												
	62660	KAREIMA	70	6	30	00	0	0	—	6.0	39	11	3	
	62680	'ATBARA	50	9	30	00	0	0	—	4.6	39	10	2	
	62721	KHARTUM	30	12	30	03	0	1	Ac	4.2	39	10	2	
	62730	KASSALA	180	5	30	00	0	1	Cu	3.5	37	33	18	
CENTRAL SUDAN	62751	WÂD MEDANI	310	5	35	02	0	4	Cu	3.6	39	17	10	
	62801	RENK	130	8	50	02	1	4	Cu	4.7	36	33	17	
	62802	ROSEIRES	290	17	35	02	0	4	Ac	5.3	35	35	17	
	62771	EL OBEID	00	0	30	03	0	5	Cu	4.1	36	19	9	
	62760	EL FASHER	50	9	30	00	0	1	Cu		37	16	7	
	62770	GENEINA	270	4	30	00	0	2	Cu		36	9	-2	
S. SUDAN	62840	MALAKÂL	230	3	30	01	1	3	Cb, Ac	6.6	33	47	20	
	62880	WÂU	270	1	30	03	8	6	Cb, Ac	6.6	33	50	21	
	62941	JUBA												

At 1800 on Wednes. 12th

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms
62300	SALUM												
62303	SIDI BARÂNI	40	11	15	01	0	1	Cu	20.8	23	89	21	0
62306	MATRÛH	80	6	15	02	1	1	Cu	21.1	24	89	20	0
62309	EL DABA	40	12		00	0	0	—	20.5	25	87	21	0
	ALEXANDRIA	40	7	50	00	0	0	—	20.3	25	86	22	0
62318	FOUAD (Airport)	30	8	14	02	0	0	—	19.8	24	80	18	0
62330	DAMIETTA	40	2	3	11	0	0	—	19.0	24	87	20	0
62333	PORT SAÏD	80	4	10	05	0	1	Sc	19.7	25	88	23	0
62336	EL 'ARISH	00	0	35	01	0	0	—	19.5	23	87	21	0
62339	DAMANHUR	40	5	3	28	4	0	—	19.6	21	78	17	0
62342	MANSURA	40	6	35	00	0	0	—	20.0	23	83	19	0
62348	TANTA	00	0	7	03	2	8	Ac	19.9	20	83	18	0
62354	ZAGAZIG	40	2	0.8	43	4	8	Sc	19.9	19	82	17	0
62441	ISMAÏLIA	20	2	35	01	1	3	Ac	19.5	23	82	18	0
62366	FAROUK (Airport)												
62372	ALMÂZA	60	17	12	03	0	1	Cu	18.3	23	84	20	0
	EZBEKIYA	360	3	15	00	0	0	—	18.7	24	77	20	0
	GIZA	360	3	15	00	0	0	—	19.5	23	74	18	0
62376	HELWÂN	40	23	15	31	3	0	—	17.5	26	42	12	0
62381	FAIYÛM	00	0	35	02	0	0	—	17.2	25	54	15	0
62387	MINYA	10	5	10	00	0	0	—	16.6	22	65	15	0
62393	ASYÛT MANQABÂD	290	4	30	00	0	0	—	15.6	23	57	14	0
62399	NAG HAMMÂDI	00	0	3	00	0	0	—	15.1	28	52	17	0
62402	QENA	90	2	35	00	0	0	—	15.4	26	55	16	0
62405	LUXOR	00	0	30	00	0	0	—	14.8	28	29	8	0
62414	ASWAN	00	0	50	00	0	0	—	14.6	28	45	15	0
62417	SÎWA	40	8	35	00	0	0	—	19.6	23	50	12	0
62420	BAHARÎYA	360	3	35	02	0	0	—	17.2	23	65	16	0
62423	FARAFRA												
62432	DAKHLA	00	0	35	00	0	0	—	15.1	26	30	7	0
62435	KHARGA	20	2	35	00	0	0	—	14.0	29	23	6	0
62450	SUEZ	00	0	35	00	0	0	—	17.2	24	69	18	0
62459	TÛR	360	5	35	00	0	0	—	15.4	25	65	18	0
62462	HURGHÂDA	330	11		00	0	0	—	14.3	25	61	17	0
62465	QUSEIR	360	9	15	02	0	0	—	15.1	28	52	17	0
62641	PORT SUDÂN	300	10	30	01	1	2	Sc, Ac	12.9	29	77	25	0
62600	WÂDI HALFA	00	0	18	00	0	0	—	12.5	26	23	3	0
62640	ABU HAMAD	70	5	30	00	0	0	—	10.4	29	31	10	0
62660	KAREIMA	70	3	30	00	0	0	—	10.5	28	29	8	dr. 0
62680	'ATBARA	360	13	10	00	0	0	—	8.5	30	24	7	0
62721	KHARTUM	70	7	30	00	0	0	—	9.4	29	25	7	0
62730	KASSALA												
62751	WÂD MEDANI	330	9	50	02	1	0	—	9.3	28	52	17	0
62801	RENK	230	5	50	02	0	0	—	10.3	27	31	10	0
62802	ROSEIRES	160	2	35	02	0	0	—	9.9	27	70	21	0
62771	EL OBEID	270	10	30	01	0	1	Cc	9.4	28	45	15	0
62760	EL FASHER	330	3	30	03	0	2	Cc		26	27	5	0
62770	GENEINA	00	0	30	00	0	1	Cs		23	61	15	0
62840	MALAKÂL	200	3	30	01	1	5	Ac	9.7	27	79	23	0
62880	WÂU	150	2	30	03	1	7	Ac	10.1	23	84	20	dr. 69
62941	JUBA	180	9	30	02	1	3	Ac, Cc	11.5	26	74	21	dr. 10

At 0600 on Thursday 13th October,

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	BAR. PRESSURE Diff. from normal mbs	TEMPERATURES °C Dry Bulb	TEMPERATURES °C MAXIMUM Yesterday	TEMPERATURES °C MAXIMUM Diff. from normal	TEMPERATURES °C MINIMUM Today	TEMPERATURES °C 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
62300	SALUM	40	9	15	03	2	7	F.C.	20.4		24					69	18	0	0	
62303	SIDI BARÂNI	70	11	15	01	0	1	Cu	20.8		23	26		21		84	20	0	0	
62306	MATRÛH	80	6	15	02	1	1	Cu	21.1		24	27		19		77	20	0	0	
62309	EL DABA	40	12		00	0	0	—	20.5		25	27		21		70	19	0	0	
	ALEXANDRIA	40	7	50	00	0	0	—	20.3	+3.9	25	26	-3	22	+2	74	20	0	0	2
62318	FOUAD (Airport)	30	8	14	02	0	0	—	19.8		24	30		18		77	20	0	0	2
62330	DAMIETTA	40	2	3	11	0	0	—	19.0	+3.6	24	27		20		84	21	0	0	2
62333	PORT SAÏD	80	4	10	05	0	1	Sc	19.7		25	28		23		79	21	0	0	
62336	EL 'ARISH	00	0	35	01	0	0	—	19.5	+4.4	23	26	-3	21	+3	84	20	0	0	1
62339	DAMANHUR	40	5	3	28	4	0	—	19.6	+3.4	21	32	+2	17	0	95	21	0	0	1
62342	MANSURA	40	6	35	00	0	0	—	20.0	+4.3	23	33	+2	19	+1	89	21	0	0	1
62348	TANTA	00	0	7	03	2	8	Ac	19.9	+3.7	20	33	+2	15	-1	88	18	0	0	1
62354	ZAGAZIG	40	2	0.8	43	4	8	Sc	19.9	+3.6	19	32	+1	17	+1	95	19	0	0	0
62441	ISMAÏLIA	20	2	35	01	1	3	Ac	19.5		23	32		18		84	20	0	0	
62366	FAROUK (Airport)																		0	
62372	ALMÂZA	60	17	12	03	0	1	Cu	18.3	+2.5	23	33		20		84	20	0	0	
	EZBEKIYA	360	3	15	00	0	0	—	18.7	+2.9	24	33	+2	21	+3	77	20	0	0	0
	GIZA	360	3	15	00	0	0	—	19.5	+3.6	23	33	+3	21	+5	74	18	0	0	1
62376	HELWÂN	40	23	15	31	3	0	—	17.5	+1.7	26	33	+3	21	+3	42	12	0	0	0
62381	FAIYÛM	00	0	35	02	0	0	—	17.2	+1.4	25	35	+3	21	+3	54	15	0	0	0
62387	MINYA	10	5	10	00	0	0	—	16.6		22	35		18		65	15	0	0	
62393	ASYÛT MANQABÂD	290	4	30	00	0	0	—	15.6		23			18		57	14	0	0	
62399	NAG HAMMÂDI	00	0	3	00	0	0	—	15.1	+1.6	28	38		17		52	17	0	0	
62402	QENA	90	2	35	00	0	0	—	15.4	+2.1	26	41	+6	21	+2	55	16	0	0	
62405	LUXOR	00	0	30	00	0	0	—	14.8		28	39				29	8	0	0	
62414	ASWAN	00	0	50	00	0	0	—	14.6	+2.1	28	43	+6	23	+1	45	15	0	0	
62417	SÎWA	40	8	35	00	0	0	—	19.6	+2.2	23	35	+2	19	+4	50	12	0	0	0
62420	BAHARÎYA	360	3	35	02	0	0	—	17.2	+0.8	23	36	+5	19	+3	65	16	0	0	0
62423	FARAFRA																			
62432	DAKHLA	00	0	35	00	0	0	—	15.1	0.0	26	38	+4	19	+1	30	7	0	0	
62435	KHARGA	20	2	35	00	0	0	—	14.0	-0.1	29	39	+4	17	-2	23	6	0	0	
62450	SUEZ	00	0	35	00	0	0	—	17.2	+2.4	24	33	+2	20	+1	69	18	0	0	0
62459	TÛR	360	5	35	00	0	0	—	15.4	+2.3	25	29	0	18	-1	65	18	0	0	0
62462	HURGHÂDA	330	11		00	0	0	—	14.3		25	28		20		61	17	0	0	
62465	QUSEIR	360	9	15	02	0	0	—	15.1	+2.3	28	29	-2	24	0	52	17	0	0	0
62641	PORT SUDÂN	300	10	30	01	1	2	Sc, Ac	12.9		29	32		25		77	25	0	0	5
62600	WÂDI HALFA	00	0	18	00	0	0	—	12.5		26	43		20		23	3	0	0	
62640	ABU HAMAD	70	5	30	00	0	0	—	10.4		29	41		22		31	10	0	0	
62660	KAREIMA	70	3	30	00	0	0	—	10.5		28	41		24		29	8	0	dr. 0	
62680	'ATBARA	360	13	10	00	0	0	—	8.5		30	40		24		24	7	0	0	0
62721	KHARTUM	70	7	30	00	0	0	—	9.4		29	40		24		25	7	0	2	1
62730	KASSALA																		0	3
62751	WÂD MEDANI	330	9	50	02	1	0	—	9.3		28	40		19		52	17	0	1	4
62801	RENK	230	5	50	02	0	0	—	10.3		27	38		22				0	0	16
62802	ROSEIRES	160	2	35	02	0	0	—	9.9		27	36		22		70	21	0	26	11
62771	EL OBEID	270	10	30	01	0	1	Cc	9.4		28	38		22		45	15	0	2	6
62760	EL FASHER	330	3	30	03	0	2	Cc			26	38		20		27	5	0	0	3
62770	GENEINA	00	0	30	00	0	1	Cs			23	37		17		61	15	0	dr.	3
62840	MALAKÂL	200	3	30	01	1	5	Ac	9.7		27	33		22		79	23	0	18	41
62880	WÂU	150	2	30	03	1	7	Ac	10.1		23	34		21		84	20	dr.	69	55
62941	JUBA	180	9	30	02	1	3	Ac, Cc	11.5		26	33		20		74	21	dr.	10	41

HUMIDITY

Mean of day

STATION	on 12th	Diff. from normal
Alexandria	79	+12
Ezbekiya	68	+2
Giza	62	-6
Helwân	58	+5

GIZA
GRASS MINIMUM TEMP.
ON 13th 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 — AIRPORT — On 12th At 15h

PRESSURE mbs	HEIGHT ABOVE M.S.L. FEET	TEMP. °C	HUMID. %	WIND DIR.	WIND VEL.
1000	141	31	29	260	22
950					
900					
850	1564	19	17	50	25
800					
700	3200	9		210	13
600					
500	5886	-9		250	29
400		-22			
300	9620	-38		250	40

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	Matruh				Port Said				Hurghada																	
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	30	9			30	14			340	19																
600	50	16			30	16			20	6																
1000	50	20			30	17			30	9																
1500					50	21			10	14																
2000									350	10																
3000									300	15																
4000									30	3																
5000									350	10																
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 13th

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		
TIME			5		3		5				9 15				9				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			20	15	40	3	50	8			60	19			300	9			50	4	320	24		
600			60	14	40	10					60	17			150	8			40	18	300	9		
1000			60	35	40	16					60	16			120	4			70	9	50	11		
1500			70	28							60	9			50	3			100	12	90	5		
2000											240	7			310	6			120	12	100	4		
3000																					240	3		
4000																					50	2		
5000																					10	5		
6000																					340	12		
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7		4								3 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	80	15	80		310	3	20	5	70	7														
600	80	22	80		320	5	120	9	80	15							140	5						
1000	100	31	80		330	17	130	19	80	17							150	9	250	11				
1500	110	23			310	17	120	15	40	28							100	9	290	7				
2000	100	16					100	9											50	5				
3000	90	14							60	31							350	8						
4000																								
5000																								
6000																								
7000																								
8000																								

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

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

Note: All times G. M. T.

CAIRO
Time of Sunrise 03 56 G.M.T.
" " Sunset 15 25 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date : Saturday 15th October, , 1949

At 1200 on Fri. 14th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALÛM	40	6	7	01	1	5	Qc	18.7	24	69	18
	62308	SÎDI BARÂNI	40	14	35	01	1	4	Cu	18.4	24	84	21
	62306	MATRÛH	90	10	18	02	1	3	Sc	17.6	24	69	18
	62309	EL DABA	360	6	35	01	1	1	Cu	17.1	26	70	20
		ALEXANDRIA	40	14	50	00	0	0	—	16.3	24	74	19
	62318	FOUAD (Airport)	20	11	16	02	0	0	—	16.7	26	62	18
	62330	DAMIETTA	20	2	15	03	0	1	Cu	16.2	26	70	20
	62336	PORT SAÏD	20	6	30	01	0	0	—	15.7	28	62	20
	62336	EL 'ARISH											
LOWER EGYPT	62339	DAMANHÛR	40	7	15	02	0	0	—	17.0	30	52	19
	62342	MANSÛRA	20	5	35	00	0	0	—	15.9	31	43	17
	62348	TANTA	70	8	35	01	1	4	Cu	15.6	32	38	16
	62354	ZAGAZIG	40	2	35	00	4	0	—	15.5	31	43	17
	62441	ISMÂILÎA	20	5	35	02	0	0	—	16.3	32	34	14
CAIRO AREA	62366	FAROUK (Airport)	50	13	30	00	0	0	—	14.7	32	31	13
	62372	ALMÂZA	[illegible]		30	00	0	0	—	14.2	32	38	16
		EZBEKÎYA	40	8	35	00	0	0	—	14.3	33	34	15
		GÎZA	40	8	35	00	0	0	—	15.0	32	43	18
	62378	HELWÂN	20	16	35	02	0	0	—	13.2	33	16	4
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0	—	13.4	35	19	8
	62387	MINYA	10	10	12	00	0	0	—	12.7	34	29	13
	62393	ASYÛT MANQABÂD	320	5	30	00	0	0	—	11.3	35	25	12
	62399	NAG' HAMMÂDI	60	0	15	00	0	0	—	10.0	37	35	19
	62402	QENA	210	5	50	00	0	0	—	10.8	39	38	22
	62405	LUXOR											
	62414	ASWÂN	360	5	50	00	0	0	—	8.0	41	16	10
OASES	62417	SÎWA	70	9	50	00	0	0	—	17.0	33	50	21
	62420	BAHARÎYA	40	4	35	02	1	0	—	13.4	36	20	10
	62423	FARAFRA											
	62432	DAKHLA	140	3	50	00	0	0	—		40	12	6
	62436	KHARGA	00	0	35	00	0	0	—	9.5	40	15	9
RED SEA	62450	SUEZ	360	8	35	02	0	0	—	13.1	34	18	6
	62459	TÛR	310	5	35	00	0	0	—	12.4	29	66	22
	62462	HURGHÂDA	360	2		00	0	0	—	12.2	27	74	22
	62465	QUSEIR	360	9	15	02	0	0	—	13.0?	29	66	22
	62641	PORT SÛDÂN	10	12	10	03	0	1	Ci	8.3	30	70	24
NORTH SÛDÂN	62600	WÂDI HALFA	90	16	10	07	0	0	—	7.1	40	8	0
	62640	ABU HAMAD	130	3	30	00	0	0	—	4.9	39	10	2
	62660	KAREIMA	50	9	30	00	0	0	—	4.4	38	15	7
	62680	'ATBARA	110	5	30	03	0	1	Cu	3.3	39	16	9
	62721	KHARTÛM	300	2	30	03	0	4	Cu	1.5	33	21	12
	62730	KASSALA											
CENTRAL SÛDÂN	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	200	2	30	01	0	2	Cu, Ci	1.7	38	11	3
	62760	EL FÂSHER	80	7	10	00	0	0			36	9	-2
	62770	GENEINA											
S. SÛDÂN	62840	MALAKÂL	270	4	30	17	2	6	Cb, Ci	4.8	32	56	22
	62880	WÂU	320	1	30	03	2	8	Cb, Ac	5.5	32	49	20
	62941	JUBA											

At 1800 on Fri. 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	SALÛM	40	10	15	03	2	7	Fs,Fc	17.4?	23	65	16	0
62308	SÎDI BARÂNI	70	11	15	01	1	4	Cu	18.0	22	83	19	0
62306	MATRÛH	90	9	12	02	2	5	Sc	17.0	22	78	18	0
62309	EL DABA	20	6	7	00	0	0	—	17.1	21	88	19	0
	ALEXANDRIA	40	10	7	00	0	0	—	17.1	23	74	18	0
62318	FOUAD (Airport)	20	12	12	02	0	0	—	16.7	21	88	19	0
62330	DAMIETTA	360	2		01	0	0	—	15.9	22	89	20	0
62336	PORT SAÏD	10	10	14	02	0	0	—	15.8	23	84	20	0
62336	EL 'ARISH	00	0	15	02	0	0	—	15.0	24	84	21	0
62339	DAMANHÛR	40	9	7	02	0	0	—	16.8	21	78	17	0
62342	MANSÛRA	360	5	3	00	0	0	—	16.4	22	83	19	0
62348	TANTA	70	2	35	01	1	4	Cu	17.0	21	74	16	0
62354	ZAGAZIG	40	2	35	00	0	0	—	15.9	22	89	20	0
62441	ISMÂILÎA	40	2	35	02	0	0	—	17.0	23	84	20	0
62366	FAROUK (Airport)												
62372	ALMÂZA	40	11	14	00	0	0	—	15.1	25	74	20	6
	EZBEKÎYA	40	4	15	00	0	0	—	15.6	25	67	17	0
	GÎZA	40	4	15	00	0	0	—	15.8	25	60	17	0
62378	HELWÂN	20	22	15	02	0	0	—	14.3	26	48	14	0
62381	FAIYÛM	360	5	35	02	0	0	—	13.5	27	52	16	0
62387	MINYA	00	0	8	00	0	0	—	12.7	24	44	11	0
62393	ASYÛT MANQABÂD												
62399	NAG' HAMMÂDI	00	0	3	00	0	0	—	10.0	25	70	19	0
62402	QENA	90	2	7	00	0	0	—	12.3	27	52	16	0
62405	LUXOR	80	11	12	00	0	0	—	9.8	33	6	-5	0
62414	ASWÂN	00	0	50	00	0	0	—	9.4	35	19	8	0
62417	SÎWA	00	0	35	00	0	0	—	15.9	25	61	17	0
62420	BAHARÎYA	40	4	15	02	0	0	—	14.2	28	33	19	0
62423	FARAFRA												
62432	DAKHLA	00	0	35	00	0	0	—	12.4	32	20	6	0
62436	KHARGA	360	1	15	00	0	0	—	10.6	32	26	11	0
62450	SUEZ	180	8	15	02	0	0	—	14.7	25	74	20	0
62459	TÛR	180	3	15	00	0	0	—	12.7	22	83	19	0
62462	HURGHÂDA	270	2		00	0	0	—	11.6	24	69	18	0
62465	QUSEIR	330	9	15	02	0	0	—	11.0	27	42	13	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 15th October,

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.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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	40	6	15	03	2	7	Fs,Fc	16.4		23	25		22		65	16	0	0		SALÛM
62308											25							0		SÎDI BARÂNI
62306	90	6	12	02	2	6	Sc	16.1		23	26		19		78	19	0	0		MATRÛH
62309	40	8	15	01	1	3	Cu	16.5		23	27		20		74	18	0	0		EL DABA
	90	3	35	03	1	6	Sc,Ac	16.3	-0.2	24	26	-2	20	0	74	19	0	0	2	ALEXANDRIA
62318											28							0	3	FOUAD (Airport)
62330	40	2	3	11	0	0	—	16.2	+0.7	24	27		20		74	19	0	0	2	DAMIETTA
62336	60	4	14	01	0	2	Sc	15.6		24	28		22		74	19	0	0		PORT SAÏD
62336	00	0	35	02	0	0	—	16.0	+0.8	22	28	-1	17	-1	83	19	0	0	2	EL 'ARISH
62339	40	9	7	03	1	1	Cu	16.6	+0.3	20	31	+1	15	-2	83	17	0	0	2	DAMANHÛR
62342	40	5	35	00	0	0	—	16.4	+0.6	23	33	+2	19	+1	74	18	0	0	1	MANSÛRA
62348	90	5	35	01	1	4	Cu	16.7?	+0.1	22	32	+1	15	-1	83	19	0	0	1	TANTA
62354	40	6	15	00	0	0	—	15.6	-0.9	23	32	+1	19	+4	44	10	0	0	0	ZAGAZIG
62441	90	2	35	01	0	0	—	15.2		22	32		18		83	19	0	0		ISMÂILÎA
62366	70	10	12	01	2	2	Sc			22			20		78	18	0	0		FAROUK (Airport)
62372	40	10	12	02	1	1	Sc	15.0	-0.9	22	32		19		89	20	0	0		ALMÂZA
	20	3	15	00	0	0	—	15.2	-0.7	22	33	+2	20	+3	78	18	0	0	0	EZBEKÎYA
	20	3	15	00	0	0	—	15.2	-0.9	23	32	+2	20	+4	75	18	0	0	1	GÎZA
62378	20	4	7	00	0	0	—	14.8	-1.3	23	34	+4	19	+1	61	15	0	0	0	HELWÂN
62381	360	5	35	02	0	0	—	14.3	-1.5	23	35	+3	18	+1	74	18	0	0	0	FAIYÛM
62387	360	5	12	00	0	0	—	13.5		22	34		16		78	18	0	0		MINYA
62393	320	3	30	00	0	0	—	12.8		24			19		64	14	0	0		ASYÛT MANQABÂD
62399	00	0	7	00	0	0	—	12.2	-0.3	26	38		16		55	16	0	0		NAG' HAMMÂDI
62402	130	2	35	00	0	0	—	12.7	-0.8	26	40	+5	23	+4	48	14	0	0		QENA
62405											39							0		LUXOR
62414	00	0	50	00	0	0	—	12.0	-0.7	28	42	+5	22	0	29	8	0	0		ASWÂN
62417	00	0	35	00	0	0	—	16.0	-1.5	22	34	+2	15	0	74	17	0	0	0	SÎWA
62420	360	5	35	02	0	0	—	14.6	-2.0	22	37	+6	18	+3	65	15	0	0	0	BAHARÎYA
62423																				FARAFRA
62432	00	0	35	00	0	0	—	12.5	-2.7	25	42	+4	19	+1	34	8	0	0		DAKHLA
62436	40	1	35	00	0	0	—	11.7	-2.4	25	40	+5	22	+3	34	8	0	0		KHARGA
62450	360	6	35	00	0	0	—	14.3	-0.7	22	35	+4	19	0	83*	19	0	0	0	SUEZ
62459	40	2	35	00	0	0	—	13.1	-0.2		30	+1	17	-2			0	0	0	TÛR
62462	300	2		00	0	0	—	12.3		26	28		19		48	14	0	0		HURGHADA
62465	310	5	15	02	0	0	—	12.4	-0.7	27	28	-3	23	0	37	11	0	0	0	QUSEIR
62641	280	4	10	01	1	2	Sc	11.1		29	33		24		79	25	0	0	5	PORT SÛDÂN
62600	00	0	30	00	0	0	—	10.0		27	41		19		28	7	0	0		WÂDI HALFA
62640	360	2	30	00	0	0	—	8.4		29	40		22		17	1	0	0		ABU HAMAD
62660	70	6	30	00	0	1	Cu	7.4		28	39		26		31	9	0	dr.	0	KAREIMA
62680			30	02	2	4	Ac	7.8		30	40		25		13	7	0	0	0	'ATBARA
62721	30	9	30	03	0	1	Ac	6.1		29	40		25		52	18	0	2	1	KHARTÛM
62730	180	2	30	00	0	0	—	7.7		29	39		24		59	20	dr.	dr.	3	KASSALA
62751	200	5	50	02	1	5	Ac	7.2		28	39		23		66	21	0	1	5	WÂD MEDANI
62801																		0	19	RENK
62802	200	2				4	Ci	8.2		25	36		22		59	21	6	32	13	ROSEIRES
62771	200	12	30	03	1	5	Ac, Ci	7.2		27	38		25		66	20	0	2	7	EL OBEID
62760	50	3	30	01	1	4	Ci			27	37		22		19	1	0	0	4	EL FÂSHER
62770	50	4	30	00	0	2	Ci			22	37		18		25	1	0	dr.	4	GENEINA
62840	150	4	30	02	2	7	Ac	8.6		25	33		22		88	23	0	36	47	MALAKÂL
62880	00	0	30	03	2	8	Ac, Ci	8.4		23	33		21		84	20	0	70	65	WÂU
62941																	0	15	47	JUBA

HUMIDITY %

Mean of day

STATION	on 14th	Diff. from normal
Alexandria	74	+6
Ezbekiya	63	-3
Giza	61	-7
Helwan	42	-11

GÎZA

GRASS MINIMUM TEMP. ON 15th 11.6 °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 14th At 15h 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	123	30	33	340	14	1000						1000					
950						950						950					
900						900						900					
850	1541	20	9	40	7	850						850					
800						800						800					
700	3190	9	37	240	17	700						700					
600						600						600					
500	5867	-11		250	22	500						500					
400		-16				400						400					
300						300						300					

UPPER WIND OBSERVATIONS on .....

STATION	Port Said				Kharga																			
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	11			90	5																		
600	20	9			120	2																		
1000	20	9			150	3																		
1500	10	8			120	9																		
2000	40	2			340	6																		
3000	270	15																						
4000	260	13																						
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 15th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA	
TIME	9		6 30				9								9 30		8 30				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	80	14	60	15			30	6							80	13	20	3			300	7
600	90	21					40	5							100	4	360	14			30	4
1000	100	15					40	4							110	6	10	17			70	13
1500	100	17					220	3							100	8	90	11			60	17
2000							20	3							100	9	140	9			50	10
3000							10	2							100	5	340	16			140	1
4000																					230	5
5000																					160	9
6000																					230	13
7000																					210	36
8000																						

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	7		9		9		7										3 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	110	12	70	14	340	7	40	9																
600	100	21	60	20	350	3	90	12									200	12						
1000	130	21	70	20	320	10	110	17									180	8	210	26			200	7
1500	150	17			300	15	80	12										13	230	7			190	6
2000	170	14			280	9	50	16															80	7
3000	170	15																					30	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).

CAIRO
Time of Sunrise 03 56 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 : Friday 14th October, 1949

At 1200 on Thurs. 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	RAIN PAST 12 hrs mms
MEDITERRANEAN	62300	SALUM	40	12	7	02	2	7	Fs,Fc	21.3	25	61	17	0
	62303	SIDI BARANI	40	16	15	03	1	5	Cu	20.7	25	74	20	0
	62306	MATRUH	80	11	18	02	1	3	Cu	20.3	26	70	20	0
	62309	EL DABA	20	12	35	00	0	0	—		27	62	19	0
		ALEXANDRIA	40	12	50	00	0	0	—	19.0	26	74	20	0
	62318	FOUAD (Airport)	30	14	14	02	0	0	—	18.8	28	62	20	0
	62330	DAMIETTA	40	2	15	00	0	0	—	16.8	26	74	21	0
	62333	PORT SAID	20	9	18	02	0	0	—	18.2	28	66	21	0
	62336	EL 'ARISH	360	3	35	02	0	0	—	18.2	26	70	20	0
LOWER EGYPT	62339	DAMANHUR	40	13	15	02	0	0	—	18.7	29	59	20	0
	62342	MANSURA	360	13	35	00	0	0	—	18.2	32	43	18	0
	62348	TANTA	90	8	35	02	1	0	—	18.4	33	34	15	0
	62354	ZAGAZIG	40	9	35	00	4	0	—	17.5	31	38	15	0
	62441	ISMAILIA	40	5	35	01	0	0	—	17.0	32	34	14	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMAZA												
		EZBEKIYA	20	5	35	00	0	0	—	16.7	33	44	19	0
		GIZA	20	5	35	00	0	0	—	15.9	33	43	17	0
	62378	HELWAN	20	22	35	02	0	0	—	15.5	34	14	3	0
UPPER EGYPT	62381	FAIYUM	360	5	35	02	0	0	—	14.8	36	22	10	0
	62387	MINYA	10	8	12	00	0	0	—	14.1	36	27	14	0
	62393	ASYUT MANQABAD	320	5	30	00	0	0	—	13.2	34	27	12	
	62399	NAG' HAMMADI	00	0	7	00	0	0	—	11.9	35	44	21	0
	62402	QENA	240	2	50	00	0	0	—	11.6	40	30	19	0
	62405	LUXOR												
	62414	ASWAN	00	0	50	00	0	0	—	10.0	41	15	9	0
OASES	62417	SIWA	90	10	35	00	0	0	—	18.6	33	36	16	0
	62420	BAHARIYA	40	4	35	02	0	0	—	14.6	36	25	13	0
	62423	FARAFRA												
	62432	DAKHLA	00	0	50	00	0	0	—		38	16	8	0
	62435	KHARGA	00	0	35	00	0	0	—	12.2	40	12	6	0
RED SEA	62450	SUEZ	360	10	35	02	0	0	—	14.7	34	18	6	0
	62459	TOR	310	5	35	00	0	0	—	13.5	30	59	21	0
	62462	HURGHADA	340	1		00	0	0	—	13.8	28	74	23	0
	62465	QUSEIR	360	9	15	02	0	0	—	14.0	29	70	23	0
	62641	PORT SUDAN	350	13	30	01	0	0	—	10.0	31	79	27	
NORTH SUDAN	62600	WADI HALFA	60	13	30	00	0	0	—	10.1	40	12	5	
	62640	ABU HAMAD								5.9	38	15	7	
	62660	KAREIMA	70	15	4	07	0	0	—	5.6	35	18	7	
	62680	ATBARA	60	9	30	03	1	3	Cu	4.2	38	18	10	
	62721	KHARTUM												
	62730	KASSALA	180	2	30	00	2	1	Cu	3.3	38	29	17	
CENTRAL SUDAN	62751	WAD MEDANI	270	9	35	02	0	2	Cu	3.5	38	18	10	
	62801	RENK	230	9	50	02	0	4	Cu	5.0	37	35	19	
	62802	ROSEIRES	230	5	50	02	0	6	Fs,Fc,Cu	5.5	29	52	18	
	62771	EL OBEID	310	10	30	01	0	2	Cu	3.9	37	10	0	
	62760	EL FASHER	50	6	30	00	0	1	Ac		37	17	8	
	62770	GENEINA	20	10	30	00	0	1	Cu		37	8	-3	
S. SUDAN	62840	MALAKAL	230	4	30	03	1	4	Cu,Ac	6.1	34	53	23	
	62880	WAU	120	2	30	17	2	7	Cb,Ac	6.8	33	47	20	
	62941	JUBA												

At 1800 on Thurs. 13th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C
MEDITERRANEAN	62300	SALUM	40	14	15	02	2	7	Fs,Fc	22.0	23	65	16
	62303	SIDI BARANI	40	13	25	03	1	6	Cu	21.1	22	68	20
	62306	MATRUH	90	9	14	02	2	6	Sc	20.6	22	84	19
	62309	EL DABA	40	8	15	03	2	5	Cb	18.8	23	84	20
		ALEXANDRIA	20	10	50	00	0	0	—	18.4	24	74	19
	62318	FOUAD (Airport)	20	8	10	02	0	0	—	18.3	24	74	19
	62330	DAMIETTA	360	2	3	11	0	0	—	17.8	24	84	21
	62333	PORT SAID	200	4	12	03	0	1	Sc	17.9	23	79	21
	62336	EL 'ARISH	00	0	35	02	1	3	Ci	17.9	25	74	20
LOWER EGYPT	62339	DAMANHUR	40	9	15	02	0	0	—	19.1	21	83	17
	62342	MANSURA	00	0	0	00	0	0	—	19.2	22	88	20
	62348	TANTA	35	00	6	00	0	0	—	19.1	22	74	17
	62354	ZAGAZIG	35	00	5	00	0	0	—	18.6	22	88	20
	62441	ISMAILIA	35	00	5	00	0	0	—	17.8	23	84	20
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMAZA											
		EZBEKIYA	40	11	12	00	0	0	—	17.8	25	70	19
		GIZA	20	3	15	00	0	0	—	17.8	25	61	17
	62378	HELWAN	20	3	20	26	15	02	0	0	—	16.3	26
UPPER EGYPT	62381	FAIYUM	360	5	35	02	0	0	—	16.0	27	42	13
	62387	MINYA	360	7	10	00	0	0	—	14.7	25	47	13
	62393	ASYUT MANQABAD											
	62399	NAG' HAMMADI	00	0		00	0	0	—	12.8	26	70	20
	62402	QENA	40	2	7	00	0	0	—	13.4	28	52	17
	62405	LUXOR	10	8	12	00	0	0	—	11.8	33	13	1
	62414	ASWAN	360	9	50	00	0	0	—	10.3	35	19	8
OASES	62417	SIWA	70	8	35	00	0	0	—	16.8	29	46	16
	62420	BAHARIYA	40	5	15	02	0	0	—	15.8	29	35	12
	62423	FARAFRA											
	62432	DAKHLA	320	8	35	00	0	0	—		32	24	9
	62435	KHARGA	00	0	15	00	0	0	—	11.2	34	18	6
RED SEA	62450	SUEZ	360	5	15	02	0	0	—	16.4	26	70	20
	62459	TOR	00	0	15	00	0	0	—		26	74	21
	62462	HURGHADA	300	5		00	0	0	—	13.6	26	62	18
	62465	QUSEIR	360	9	15	02	0	0	—	13.4	28	52	17
	62641	PORT SUDAN	270	1	30	00	1	0	—				
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 0600 on Friday 14th October,

AREA	INDEX NUMBER	STATION	WIND 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	TEMPERATURES °C MAXIMUM Yesterday	TEMPERATURES °C MAXIMUM Diff. from normal	TEMPERATURES °C MINIMUM Today	TEMPERATURES °C 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
MEDITERRANEAN	62300	SALUM	40	10	15	03	2	7	Fs,Fc	18.8		23			22		65	16			
	62303	SIDI BARANI	40	13	25	03	1	6	Cu	19.4		22	25		21		83	19	0	0	
	62306	MATRUH	90	9	14	02	2	6	Sc	19.2		23	26		20		74	18	0	0	
	62309	EL DABA	40	8	15	03	2	5	Cb	18.8		23	26		21		84	20	0	0	
		ALEXANDRIA	20	10	50	00	0	0	—	18.4	+2.0	24	26	-2	22	+2	74	19	0	0	2
	62318	FOUAD (Airport)	20	8	10	02	0	0	—	18.3		24	29		18		74	19	0	0	2
	62330	DAMIETTA	360	2	3	11	0	0	—	17.8	+2.3	24	27		21		84	21	0	0	2
	62333	PORT SAID	200	4	12	03	0	1	Sc	17.9		23			23		79	21	0	0	
	62336	EL 'ARISH	00	0	35	02	1	3	Ci	17.9	+2.8	25	26	-3	17	-1	74	20	0	0	1
LOWER EGYPT	62339	DAMANHUR	40	5	3	28	4	0	—	19.7	+3.5	21	30	0	17	0	88	19	0	0	1
	62342	MANSURA	20	5	35	00	0	0	—	17.9	+2.1	24	34	+3	17	-1	74	19	0	0	1
	62348	TANTA	40	5	35	02	0	0	—	18.4	+2.0	21	33	+2	13	-3	88	19	0	0	1
	62354	ZAGAZIG	40	2	0.8	43	4	8	Sc	17.9	+1.6	19	32	+1	16	0	95	19	0	0	0
	62441	ISMAILIA	140	2	35	02	0	0	—	17.9		23	33		18		84	20	0	0	
CAIRO AREA	62366	FAROUK (Airport)																		0	
	62372	ALMAZA																	0	0	
		EZBEKIYA	40	14	12	01	0	0	—	17.0	+1.2	21	34		18		94	20	0	0	
		GIZA	40	5	15	00	0	2	Sc	17.2	+1.4	23	34	+3	19	+1	78	19	0	0	0
	62378	HELWAN	40	5	15	00	0	2	Sc	17.2	+1.2	23	34	+4	20	+4	74	18	0	0	1
UPPER EGYPT	62381	FAIYUM	360	5	35	02	0	0	—	16.4	+0.6	23	37	+5	19	+2	65	16	0	0	0
	62387	MINYA	360	8	10	00	0	0	—	15.0		22	36		17		65	15	0	0	
	62393	ASYUT MANQABAD	280	5	30	00	0	0	—	14.3		24			20		64	14	0	0	
	62399	NAG' HAMMADI	00	0	7	00	0	0	—	13.5	-0.1	27	35		18		42	13	0	0	
	62402	QENA	320	2	35	00	0	0	—	13.8	+0.4	26	42	+7	22	+3	42	12	0	0	
	62405	LUXOR	00	0	30	00	0	0	—	13.1		28	39		17		29	8	0	0	
	62414	ASWAN	00	0	50	00	0	0	—	12.7	+0.1	27	42	+5	23	+1	27	6	0	0	
OASES	62417	SIWA	40	11	35	00	0	0	—	18.0	+0.6	23	34	+2	18	+3	65	16	0	1	0
	62420	BAHARIYA	360	6	35	02	1	3	Ac	16.3	-0.2	24	37	+6	19	+3	54	14	0	0	0
	62423	FARAFRA																			
	62432	DAKHLA	00	0	35	00	0	0	—	13.3?	-1.9	23	40	+6	19	+1	38	8	0	0	
	62435	KHARGA	00	0	15	00	0	0	—	12.8	-1.4	25	41	+6	17	-2	34	8	0	0	
RED SEA	62450	SUEZ	00	0	35	00	0	0	—	16.2	+1.3	24	35	+4	19	0	69	18	0	0	0
	62459	TOR	310	3	35	00	0	0	—	13.4	+0.2	24	32	+3	18	-1	79	20	0	0	0
	62462	HURGHADA	300	8		00	0	0	—	13.8		26	28		20		58	18	0	0	
	62465	QUSEIR	360	9	15	02	0	0	—	13.5	+0.5	28	29	-2	25	+1	53	17	0	6	0
	62641	PORT SUDAN	270	1	30	00	1	0	—	11.4		29					79	25	0	0	5
NORTH SUDAN	62600	WADI HALFA	00	0	30	00	0	0	—	11.2		26	41		21		32	8	0	0	
	62640	ABU HAMAD	110	5	30	00	0	0	—	9.4		29	39		22		20	4	0	0	
	62660	KAREIMA	70	8	30	00	0	0	—	8.7		29	38		27		29	9	0	dr.	0
	62680	ATBARA	50	9	30	01	1	1	Ac	8.3		30	39		23		24	7	0	0	0
	62721	KHARTUM	10	1	10	02	0	0	—	7.0		30	39		25		24	7	0	2	1
	62730	KASSALA	180	5	30	01	6	4	Ac	8.8		30	40		22		49	18	dr.	dr.	3
CENTRAL SUDAN	62751	WAD MEDANI	230	9	50	02	0	0	—	7.6		27	39		27		66	20	0	1	5
	62801	RENK	180	9	50	02	1	6	Fs,Fc	9.5		25	38		23		84	22	0	0	18
	62802	ROSEIRES	160	2	35	00	0	0	—	10.8		27	32		23		70	21	0	26	12
	62771	EL OBEID	240	15	30	03	1	4	Ci	8.1		26	38		22		58	17	0	2	7
	62760	EL FASHER	00	0	30	01	1	3	Ci			22	39		17		19	-3	0	0	3
	62770	GENEINA	50	2	30	00	0	2	Ci			22	38		16		25	1	0	dr.	4
S. SUDAN	62840	MALAKAL	00	0	30	01	2	5	Ac	8.9		27	34		22		79	23	18	36	44
	62880	WAU		4	30	01	2	6	As	9.5		23	34		22		89	21	1	70	60
	62941	JUBA	290	2	10	03	9	8	Cb,Ac	12.2		23	33		21		94	21	5	15	44

HUMIDITY %

Mean of day

STATION	on 13th	on 14th	Diff. from normal
Alexandria	81		+13
Ezbekiya	64		-2
Giza	62		-6
Helwan	43		-10

GIZA
GRASS MINIMUM TEMP
ON 14th 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

	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 13th

STATION	Matruh		Port Said		Hurghada																	
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.
300	50	9			20	17			70	13												
600					30	17			320	10												
1000					40	18			30	9												
1500					50	21			340	7												
2000									40	6												
3000									280	11												
4000									30	3												
5000									340	10												
6000																						
7000																						
8000																						

UPPER WIND OBSERVATIONS on 14th

STATION	SIDI BARANI		MATRUH		BOUAG AIRPORT		PORT SAID		EL 'ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA	
TIME	9		5 30		3		4								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.
300	80	15	50	16	40	23	10	9							50	3					330	25
600			50	16	40	23	30	13							70	9					330	7
1000			70	29	50	20	10	14							40	9					40	4
1500			60	29			30	16							50	9					160	10
2000							70	9							40	5					130	18
3000							240	5							80	6					140	9
4000							250	8														
5000							230	13														
6000							240	11														
7000							240	17														
8000							240	15														

STATION	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME	9		9		9		7		4						4				4		4 15		4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	90	20	70	23	330	3	40	11	60	7														
600	90	20	70	30	120	10	80	14	90	19					40	16							350	5
1000	100	37	70	10	270	22	90	14	90	21					60	15			250	25	20	12	340	17
1500	120	21			280	24			120	26					90	11			260	5	50	30	200	4
2000	140	13													60	6					40	29	80	5
3000	190	16													360	6								
4000	210	35																						
5000	210	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.

CAIRO
Time of Sunrise 03 57 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 16th October, 1949

At 1200 on Satur. 15th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALÛM	40	4	7	01	0	2	Ci	15.0	24	69	18
	62303	SÎDI BARÂNI	40	12	15	01	0	1	Cu	15.0	24	84	21
	62306	MATRÛH	90	11	18	01	0	1	Cu	15.1	25	76	19
	62309	EL DABA	20	12	35	00	0	0	—	14.3	24	74	19
		ALEXANDRIA	360	10	35	03	1	2	Sc,Cu	14.3	25	70	19
	62318	FOUAD (Airport)	10	11	36	00	0	0	—	14.3	27	62	19
	62330	DAMIETTA	40	3	15	00	0	1	Sc	14.6	25	70	19
	62333	PORT SA'ÎD	30	8	30	02	0	0	—	14.1	27	70	21
	62336	EL 'ARISH	360	1	35	01	0	0	—	14.5	29	74	24
LOWER EGYPT	62339	DAMANHUR	40	9	15	02	0	0	—	15.2	29	59	20
	62342	MANŞURA	40	9	35	01	1	2	Ci	13.8	31	49	19
	62348	TANTA	40	6	35	01	1	3	Cu	14.2	31	43	17
	62354	ZAGAZIG	320	5	35	00	0	0	—	13.1	31	49	19
	62441	ISMA'ÎLIA	20	5	35	02	0	0	—	12.4	32	34	14
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMÂZA	40	12	30	00	0	0	—	11.8	32	41	17
		EZBEKÎYA	40	4	35	00	0	0	—	12.2	33	32	14
		GÎZA	40	4	35	00	0	0	—	12.0	32	38	16
	62378	HELWÂN	20	9	35	02	0	0	—	11.0	35	15	5
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0	—	11.0	35	23	11
	62387	MINYA	10	6	12	00	0	0	—	10.4	35	32	16
	62393	ASYÛT MANQABÂD											
	62399	NAG' HAMMÂDI	00	0	15	00	0	0	—	9.0	36	42	21
	62402	QENA	270	2	50	00	0	0	—	8.4	39	10	2
	62405	LUXOR											
	62414	ASWÂN	360	4	50	00	0	0	—	7.6	40	19	12
OASES	62417	SÎWA	00	0	35	00	0	0	—	14.0	32	56	22
	62420	BAHARÎYA	360	2	35	02	0	0	—	11.5	36	19	10
	62423	FARAFRA											
	62432	DAKHLA	00	0	50	00	0	0	—		39	14	7
	62435	KHARGA	00	0	35	00	0	0	—	10.0	40	15	9
RED SEA	62450	SUEZ	00	0	35	02	0	0	—	10.8	34	18	6
	62459	TÛR	310	3	35	00	0	0	—	11.8	28	74	23
	62462	HURGHÂDA	360	1		00	0	0	—	10.4	28	74	23
	62465	QUSEIR	360	9	15	02	0	0	—	11.6	29	66	22
	62641	PORT SUDAN	20	12	30	00	0	0	—	8.5	31	79	27
NORTH SUDAN	62600	WÂDI HALFA	110	5	30	00	0	0	—	6.0	39	12	5
	62640	ABU HAMAD	110	3	30	00	0	0	—	3.4	39	10	2
	62660	KAREIMA	70	1	30	00	0	2	Ci	3.7	38	17	9
	62680	'ATBARA	50	5	30	03	0	2	Cu	2.9	39	16	9
	62721	KHARTÛM	120	4	30	03	0	3	Cu	2.1	39	16	9
	62730	KASSALA	180	2	30	00	0	1	Cu	3.2	37	33	18
CENTRAL SUDAN	62751	WÂD MEDANI	200	9	35	02	1	6	Cu	2.8	37	27	15
	62801	RENK	70	13	50	02	1	6	Cu	3.3	35	44	21
	62802	ROSEIRES											
	62771	EL OBEID	180	2	30	03	2	7	Ac	2.3	36	19	9
	62760	EL FÂSHER											
	62770	GENEINA	70	7	30	00	0	2	Ci		35	9	-3
S. SUDAN	62840	MALAKÂL											
	62880	WÂU	20	1	30	01	2	6	Cu,Ac	4.3	34	41	19
	62941	JUBA											

At 1800 on Satur. 15th

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	40	5	15	03	1	4	Ac	15.0	24	69	18	0
62303	70	8	7	02	0	1	Cu	15.2	22	80	20	0
62306	100	3	12	00	0	0	—	14.9	20	88	18	0
62309	40	1	7	00	0	0	—	13.6	22	83	19	0
	40	3	15	00	0	0	—	15.0	23	74	18	0
62318												
62330	20	2		00	0	0	—	15.0	23	84	20	0
62333	30	10	14	02	0	0	—	14.5	24	79	20	0
62336	360	1	15	01	0	0	—	14.9	28	58	19	0
62339	40	9	15	02	0	0	—	15.1	22	74	17	0
62342	40	5				0	—	14.8	22	83	19	0
62348			35	02	1	0	—	14.3	23	69	19	0
62354	40	5	35	00	0	0	—	14.0	22	89	20	0
62441	20	2	35	01	0	0	—	13.6	23	84	20	0
62366												
62372	40	9	15	00	0	0	—	13.8	24	89	22	0
	40	5	15	00	0	0	—	13.8	24	69	18	0
	40	5	15	00	0	0	—	14.2	26	61	17	0
62378	20	25	15	02	0	0	—	12.7	25	61	17	0
62381	360	5	35	02	0	0	—	11.5	27	52	16	0
62387	350	5	10	00	0	0	—	10.7	24	54	14	0
62393												
62399	00	0		00	0	0	—	9.9	26	58	17	0
62402	270	2	7	00	0	0	—	8.8	28	33	10	0
62405	110	8	12	00	0	0	—	9.8	29	29	10	0
62414	00	0	50	00	0	0	—	8.7	35	20	9	0
62417	00	0	35	00	0	0	—	13.8	24	54	14	0
62420	00	0	15	02	0	0	—	11.9	28	33	10	0
62423												
62432	00	0	35	00	0	0	—	10.8	31	22	7	0
62435	00	0	15	00	0	0	—	10.0	31	31	12	0
62450	330	10	15	02	0	0	—	12.0	25	70	19	0
62459	310	3	15	00	0	0	—	11.9	24	89	22	0
62462	270	2		00	0	0	—	10.8	22	74	17	0
62465	360	5	15	02	0	0	—	10.5	26	70	20	0
62641												
62600												
62640												
62660												
62680												
62721												
62730												
62751												
62801												
62802												
62771												
62760												
62770												
62840												
62880												
62941												

At 0600 on Sunday 16th October,

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	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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.
62300	140	2	15	03	1	7	Fs,Fc	14.6		20	24		16		78	16	0	0	
62303	160	4	15	01	0	0	—	15.5		20	25		14		95	20	0	0	
62306	00	0	12	02	2	6	Sc	15.0		21	26		13		83	18	0	0	
62309	180	3	15	01	1	2	Cu			20	25		19		88	19	0	0	
	110	6	35	03	2	6	St.	14.8	-1.8	23	26	-2	20	0	84	20	0	0	3
62318	80	6	10	02	0	2	Sc	14.3		23			18		84	20	0	0	3
62330	70	5	3	11	0	1	Cu	15.1	-0.5	25	26		22		84	22	0	0	3
62333	70	12	12	03	0	1	Sc	14.3		24	28		23		79	20	0	0	
62336	00	0	35	01	0	3	Ci	15.4	+0.1	24	31	+3	17	0	54	14	0	0	2
62339	40	9	3	28	4	0	—	14.8	-1.6	22	30	0	17	0	83	19	0	0	2
62342	40	5	35	01	1	3	Cu	15.1	-0.8	25	32	+1	19	+1	74	20	0	0	1
62348	40	2	7	03	2	8	As	15.5	-0.6	20	31	0	14	-2	88	18	0	0	1
62354	40	5	0.8	43	4	8	Sc	14.0	-1.5	20	31	0	18	+3	95	20	0	0	0
62441	40	5	35	01	0	0	—	13.5		22	32		18		83	19	0	0	
62366																		0	
62372	30	8	12	00	0	0	—	13.1	-2.9	20	33		17		88	18	0	0	
	360	4	7	00	0	0	—	13.5	-2.5	20	33	+3	18	+1	88	18	0	0	1
	360	4	7	00	0	0	—	13.3	-2.9	21	33	+3	18	+3	80	18	0	0	1
62378	00	0	7	00	0	0	—	12.8	-3.3	21	35	+5	20	+2	65	14	0	0	0
62381	00	0	15	00	0	0	—	12.7	-3.2	23	35	+3	17	0	65	16	0	0	0
62387	00	0	14	00	0	0	—	12.7		21	35		15		83	18	0	0	
62393	00	0	30	00	0	0	—	12.8		26			19		42	12	0	0	
62399	00	0	3	00	0	0	—	12.6	-1.3	27	38		16		52	16	0	0	
62402	40	2	35	00	0	0	—	13.0	-0.5	27	41	+6	21	+2	33	9	0	0	
62405	60	4	30	00	0	0	—	12.2		26	38		17		40	11	0	0	
62414	00	0	50	00	0	0	—	12.6	-0.1	27	41	+4	21	-1	33	9	0	0	
62417	00	0	35	00	0	0	—	15.5	-2.0	20	33	+1	15	+1	73	15	0	0	0
62420	180	2	35	02	0	0	—	13.3	-3.3	24	38	+7	16	0	61	16	0	0	0
62423																			
62432	320	6	35	00	0	0	—			24	41	+7	19	+2	38	9	0	0	
62435	00	0	35	00	0	0	—	12.4	-2.0	27	40	+5	20	+3	27	6	0	0	
62450	00	0	35	00	1	0	—	12.4	-2.6	24	36	+5	17	-2	61	16	0	0	0
62459	00	0	35	00	0	0	—	12.4	-1.1	25	30	+1	17	-1	65	18	0	0	0
62462	270	1		00	0	0	—	12.1		26	28		17		55	16	0	0	
62465	300	5	15	02	0	0	—	12.6	-0.6	27	29	-2	23	0	66	19	0	0	0
62641	280	9	30	03	1	3	Cu	11.7		29	32		23		79	25	0	0	6
62600	00	0	30	00	0	0	—	10.6		26	41		20		23	3	0	0	
62640	110	5	30	00	0	0	—	8.1		29	40		23		20	4	0	0	
62660	70	5	30	01	1	3	Ac	8.5		29	40		27		29	9	0	dr.	0
62680	90	5	30	02	0	1	Ac	8.8		30	40		24		27	9	0	0	0
62721	170	7	30	02	1	4	Ac,Ci	8.0		31	40		24		23	17	0	2	2
62730	200	2	30	00	0	0	—	8.2		29	40		24		59	20	0	dr.	4
62751	340	5	50	02	8	7	Ci	8.3		26	37		21		70	20	dr.	1	5
62801																			21
62802	160	2	3	02	1	8	Fs,Fc	10.0		24	36		22		94	23	10	42	14
62771	270	18	30	01	8	6	Ac	7.4		29	37		25		52	18	dr.	2	8
62760	120	3	30	02	1	8	Ac,Ci			25	37		23		42	11	0	0	4
62770	220	5	30	01	0	3	Ci			22	36		20		69	16	0	dr.	4
62840	180	13	30	03	2	8	St	12.3		24	33		23		94	23	1	37	50
62880	150	4	30	03	2	7	Sc,Ac	10.0		22	34		20		89	20	22	92	70
62941	230	5	30	92	5	8	Cu,Ac				33		20		70	21	6	27	50

HUMIDITY % Mean of day

STATION	on 15th	Diff. from normal
Alexandria	73	+5
Ezbekiya	67	+1
Giza	62	-6
Helwân	53	0

GÎZA
GRASS MINIMUM TEMP.
ON 16th 12.8 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

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

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

Remarks

RAWINSONDE

AIRPORT	PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
On 15th At 15h	1000	105	23	27	360	13
	950					
	900					
	850	1534	22	19	180	13
	800					
	700	3179	7	39	240	20
	600					
	500	5851	-12		240	29
	400		-20			
	300	9586	-36		250	62

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

UPPER WIND OBSERVATIONS on 15th

HEIGHT m.	Madrah DIR.	Madrah VEL.			Port Said DIR.	Port Said VEL.			Harghada DIR.	Harghada VEL.														
TIME	15				14				15															
300	70	16			360	15			330	4														
600	70	15			360	9			60	4														
1000	80	23			320	5			70	14														
1500	80	23							50	10														
2000	120	10							20	5														
3000									360	2														
4000									260															
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 16th

HEIGHT m.	SÎDI BARÂNI DIR.	SÎDI BARÂNI VEL.	MATRÛH DIR.	MATRÛH VEL.	FOUAD AIRPORT DIR.	FOUAD AIRPORT VEL.	PORT SA'ÎD DIR.	PORT SA'ÎD VEL.	EL 'ARÎSH DIR.	EL 'ARÎSH VEL.	HELWÂN DIR.	HELWÂN VEL.	MINYA DIR.	MINYA VEL.	ASYÛT MANQABÂD DIR.	ASYÛT MANQABÂD VEL.	LUXOR DIR.	LUXOR VEL.	ASWÂN DIR.	ASWÂN VEL.	HURGHADA DIR.	HURGHADA VEL.		
TIME	9		4				9								9				5		9			
300	130	13	30	9			50	17							300	3					270	13		
600	150	12	30	11			60	16							180	15			110	13	70	10		
1000	110	2					80	7							180	17			90	24	40	7		
1500	300	4					170	18							190	14			120	24	120	13		
2000	280	2					180	14							180	14			130	26	150	16		
3000	300	2													190	10					210	13		
4000																					200	15		
5000																					280	12		
6000																					230	22		
7000																					220	30		
8000																					140	37		

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		7		4								4 45		3 30				4	
300	210	7	280	16	330	16	80	3	90	7														
600	220	5	260	11	310	15	150	9	120	11							210	9					250	14
1000	70	12	250	18	310	6	150	13	120	19							200	7	220	29			270	16
1500	360	10	230		280	10			80	17							190	6	210	13			250	11
2000	340	23																						
3000									70	7							90	2	30	11			170	5
4000																								
5000																								
6000																								
7000																								
8000																								

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

Note: All times G. M. T.

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

CAIRO
Time of Sunrise 03 56 G.M.T.
" " Sunset 15 25 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date : Saturday 15th October, , 1949

At 1200 on Fri. 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	6	7	01	1	5	Ac	18.7	24	69	18
	62305	SIDI BARANI	40	14	35	01	1	4	Cu	18.4	24	64	21
	62306	MATRUH	90	10	18	02	1	3	Sc	17.6	24	69	18
	62309	EL DABA	360	6	35	01	1	1	Cu	17.1	26	70	20
		ALEXANDRIA	40	14	50	00	0	0	—	16.3	24	74	19
	62318	FOUAD (Airport)	20	11	18	02	0	0	—	16.7	26	62	18
	62330	DAMIETTA	20	2	15	03	0	1	Cu	16.2	26	70	20
	62333	PORT SA'ID	20	6	30	01	0	0	—	15.7	28	62	20
	62336	EL 'ARISH											
LOWER EGYPT	62339	DAMANHUR	40	4	15	02	0	0	—	17.0	30	52	19
	62342	MANSURA	20	5	35	00	0	0	—	15.9	31	43	17
	62348	TANTA	70	8	35	01	1	4	Cu	15.6	32	38	16
	62354	ZAGAZIG	40	2	35	00	4	0	—	15.5	31	43	17
	62441	ISMAILIA	20	5	35	02	0	0	—	16.3	32	34	14
CAIRO AREA	62356	FAROUK (Airport)	50	13	30	00	0	0	—	14.7	32	31	13
	62372	ALMAZA	[illegible]		30	00	0	0	—	14.2	32	38	16
		EZBEKIYA	40	8	35	00	0	0	—	14.3	33	34	15
		GIZA	40	8	35	00	0	0	—	15.0	32	43	18
	62378	HELWAN	20	16	35	02	0	0	—	13.2	33	16	4
UPPER EGYPT	62381	FAIYUM	360	5	35	02	0	0	—	13.4	35	19	8
	62387	MINYA	10	10	12	00	0	0	—	12.7	34	29	13
	62393	ASYUT MANQABAD	320	5	30	00	0	0	—	11.3	35	25	12
	62399	NAG' HAMMADI	60	0	15	00	0	0	—	10.0	37	35	19
	62402	QENA	270	5	50	00	0	0	—	10.8	39	38	22
	62405	LUXOR											
	62414	ASWAN	360	5	50	00	0	0	—	8.0	41	16	10
OASES	62417	SIWA	70	9	50	00	0	0	—	17.0	33	50	21
	62420	BAHARIYA	40	4	35	02	1	0	—	13.4	36	20	10
	62423	FARAFRA											
	62432	DAKHLA	140	3	50	00	0	0	—		40	12	6
	62436	KHARGA	00	0	35	00	0	0	—	9.5	40	15	9
RED SEA	62450	SUEZ	360	8	35	02	0	0	—	13.1	34	18	6
	62459	TOR	310	5	35	00	0	0	—	12.4	29	66	22
	62462	HURGHADA	360	2		00	0	0	—	12.2	27	74	22
	62465	QUSEIR	360	9	15	02	0	0	—	13.0?	29	66	22
	62641	PORT SUDAN	10	12	10	03	0	1	Ci	8.3	30	70	24
NORTH SUDAN	62600	WADI HALFA	90	16	10	07	0	0	—	7.1	40	8	0
	62640	ABU HAMAD	130	3	30	00	0	0	—	4.9	39	10	2
	62660	KAREIMA	50	9	30	00	0	0	—	4.4	38	15	7
	62680	ATBARA	110	5	30	03	0	1	Cu	3.3	39	16	9
	62721	KHARTUM	300	2	30	03	0	4	Cu	1.5	33	21	12
	62780	KASSALA											
CENTRAL SUDAN	62751	WAD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	200	2	30	01	0	2	Cu, Ci	1.7	38	11	3
	62760	EL FASHER	80	7	10	00	0	0			36	9	-2
	62770	GENEINA											
S. SUDAN	62840	MALAKAL	270	4	30	17	2	6	Ci, Cu	4.8	32	56	22
	62880	WAU	320	1	30	03	2	8	Ci, Ac	5.5	32	49	20
	62941	JUBA											

At 1800 on Fri. 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	40	10	15	03	2	7	Fs,Fc	17.4?	23	65	16	0
SIDI BARANI	70	11	15	01	1	4	Cu	18.0	22	83	19	0
MATRUH	90	9	12	02	2	5	Sc	17.0	22	78	18	0
EL DABA	90	6	7	00	0	0	—	17.1	21	88	19	0
ALEXANDRIA	40	10	7	00	0	0	—	17.1	23	74	18	0
FOUAD (Airport)	20	12	12	02	0	0	—	16.7	21	88	19	0
DAMIETTA	360	2		01	0	0	—	15.9	22	85	20	0
PORT SA'ID	10	10	14	02	0	0	—	15.8	23	84	20	0
EL 'ARISH	00	0	15	02	0	0	—	15.0	24	84	21	0
DAMANHUR	40	9	7	02	0	0	—	16.8	21	78	17	0
MANSURA	360	5	3	00	0	0	—	16.4	22	83	19	0
TANTA	90	2	35	01	1	4	Cu	17.0	21	74	16	0
ZAGAZIG	00	0	35	00	0	0	—	15.9	22	89	20	0
ISMAILIA	40	2	35	02	0	0	—	17.6	23	84	20	0
FAROUK (Airport)												
ALMAZA	40	11	14	00	0	0	—	15.1	25	74	20	0
EZBEKIYA	40	4	15	00	0	0	—	15.6	25	61	17	0
GIZA	40	4	15	00	0	0	—	15.8	25	60	17	0
HELWAN	20	22	15	02	0	0	—	14.3	26	48	14	0
FAIYUM	360	5	35	02	0	0	—	13.5	27	52	16	0
MINYA	00	0	8	00	0	0	—	12.7	24	44	11	0
ASYUT MANQABAD												
NAG' HAMMADI	00	0	3	00	0	0	—	10.0	25	70	19	0
QENA	90	2	7	00	0	0	—	12.3	27	52	16	0
LUXOR	80	11	12	00	0	0	—	9.8	33	8	-5	0
ASWAN	00	0	50	00	0	0	—	9.4	35	19	8	0
SIWA	00	0	35	00	0	0	—	15.9	25	61	17	0
BAHARIYA	40	4	15	02	0	0	—	14.2	28	33	10	0
DAKHLA												
KHARGA	00	0	35	00	0	0	—	12.6	32	20	6	0
	360	1	15	00	0	0	—	10.6	32	28	11	0
SUEZ	360	8	15	02	0	0	—	14.7	25	74	20	0
TOR	180	3	15	00	0	0	—	12.7	22	63	19	0
HURGHADA	270	2		00	0	0	—	11.0	24	69	18	0
QUSEIR	330	9	15	02	0	0	—	11.0	27	42	13	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on Saturday 15th October,

STATION	WIND DIRECTION	WIND VELOCITY	VISIBILITY KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL Total From Oct. 1st.	RAINFALL Normal From Oct. 1st.
SALUM	40	6	15	03	2	7	Fs,Fc	16.4		23	25		22		65	16	0	0	
SIDI BARANI											25							0	
MATRUH	90	6	12	02	2	6	Sc	16.1		23	26		19		78	19	0	0	
EL DABA	40	8	15	01	1	3	Cu	16.5		23	27		20		74	18	0	0	
ALEXANDRIA	90	3	35	03	1	6	Sc,Ac	16.3	-0.2	24	26	-2	20	0	74	19	0	0	2
FOUAD (Airport)											28							0	3
DAMIETTA	40	2	3	11	0	0	—	16.2	+0.7	24	27		20		74	19	0	0	2
PORT SA'ID	60	4	14	01	0	2	Sc	15.6		24	28		22		74	19	0	0	
EL 'ARISH	00	0	35	02	0	0	—	16.0	+0.8	22	28	-1	17	-1	83	19	0	0	2
DAMANHUR	40	9	7	03	1	1	Cu	16.6	+0.3	20	31	+1	15	-2	83	17	0	0	2
MANSURA	40	5	35	00	0	0	—	16.4	+0.6	23	33	+2	19	+1	74	18	0	0	1
TANTA	90	5	35	01	1	4	Cu	16.7?	+0.1	22	32	+1	15	-1	83	15	0	0	1
ZAGAZIG	40	5	15	00	0	0	—	15.6	-0.9	23	32	+1	19	+4	44	10	0	0	0
ISMAILIA	90	2	35	01	0	0	—	15.2		22	32		18		83	19	0	0	
FAROUK (Airport)	70	10	12	01	2	2	Sc			22			20		78	18	0	0	
ALMAZA	40	10	12	02	1	1	Sc	15.0	-0.9	22	32		19		89	20	0	0	
EZBEKIYA	20	3	15	00	0	0	—	15.2	-0.7	22	33	+2	20	+3	78	18	0	0	0
GIZA	20	3	15	00	0	0	—	15.2	-0.8	23	32	+2	20	+4	75	18	0	0	1
HELWAN	20	4	7	00	0	0	—	14.8	-1.2	23	34	+4	19	+1	61	15	0	0	0
FAIYUM	360	5	35	02	0	0	—	14.3	-1.5	23	35	+3	18	+1	74	18	0	0	0
MINYA	360	5	12	00	0	0	—	13.5		22	34		16		78	18	0	0	
ASYUT MANQABAD	320	3	30	00	0	0	—	12.8		24			19		64	14	0	0	
NAG' HAMMADI	00	0	7	00	0	0	—	12.2	-0.3	26	38		16		55	16	0	0	
QENA	130	2	35	00	0	0	—	12.7	-0.8	26	40	+5	23	+4	48	14	0	0	
LUXOR											37							0	
ASWAN	00	0	50	00	0	0	—	12.0	-0.7	28	42	+5	22	0	29	8	0	0	
SIWA	00	0	35	00	0	0	—	16.0	-1.5	22	34	+2	15	0	74	17	0	0	0
BAHARIYA	360	5	35	02	0	0	—	14.6	-2.0	22	37	+6	18	+3	65	15	0	0	0
FARAFRA																			
DAKHLA	00	0	35	00	0	0	—	12.5	-2.7	25	42	+4	19	+1	34	8	0	0	
KHARGA	40	1	35	00	0	0	—	11.7	-2.4	25	40	+5	22	+3	34	8	0	0	
SUEZ	360	6	35	00	0	0	—	14.3	-0.7	22	35	+4	19	0	83	19	0	0	0
TOR	40	2	35	00	0	0	—	13.1	-0.2		30	+1	17	-2			0	0	0
HURGHADA	300	2		00	0	0	—	12.3		26	28		19		48	14	0	0	
QUSEIR	310	5	15	02	0	0	—	12.4	-0.7	27	28	-3	23	0	37	11	0	0	0
PORT SUDAN	280	4	10	01	1	2	Sc	11.1		29	33		24		79	25	0	0	5
WADI HALFA	00	0	30	00	0	0	—	10.0		27	41		19		28	7	0	0	
ABU HAMAD	360	2	30	00	0	0	—	8.4		29	40		22		17	1	0	0	
KAREIMA	70	6	30	00	0	1	Cu	7.4		28	39		26		31	9	0	dr.	0
ATBARA			30	02	2	4	Ac	7.8		30	40		25		13	7	0	0	0
KHARTUM	30	9	30	03	0	1	Ac	6.1		29	40		25		52	18	0	2	1
KASSALA	180	2	30	00	0	0	—	7.7		29	39		24		59	20	dr.	dr.	3
WAD MEDANI	200	5	50	02	1	5	Ac	7.2		28	39		23		66	21	0	1	5
RENK																		0	19
ROSEIRES	200	2				4	Ac	8.2		25	36		22		59	21	6	32	13
EL OBEID	200	12	30	03	1	5	Ac, Ci	7.2		27	38		25		66	20	0	2	7
EL FASHER	50	3	30	01	1	4	Ci			27	37		22		19	1	0	0	4
GENEINA	50	4	30	00	0	2	Ac			22	37		18		25	1	0	dr.	4
MALAKAL	150	4	30	02	2	7	Ac	8.6		25	33		22		88	23	0	36	47
WAU	00	0	30	03	2	8	Ac, Ac	8.4		23	33		21		84	20	0	70	65
JUBA																	0	15	47

HUMIDITY

Mean of day

STATION	On 14th %	Diff. from normal
Alexandria	74	16
Ezbekiya	63	-3
Giza	61	-7
Helwan	42	-11

GIZA GRASS MINIMUM TEMP. ON 15th 11.6 °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 14th At 15h AIRPORT	PRESSURE mbs	HEIGHT ABOVE M.S.L. Metres	TEMP. °C	HUMID %	WIND DIR.	WIND VEL.
	1000	123	30	33	340	14
	950					
	900					
	850	1541	20	9	40	7
	800					
	700	3190	9	37	270	17
	600					
	500	5867	-11		250	22
	400		-16			
	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	Port Said				Hurghada																			
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	350	11			90	5																		
600	20	9			120	2																		
1000	20	9			150	3																		
1500	10	6			120	9																		
2000	40	2			340	6																		
3000	270	15																						
4000	260	13																						
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 15th

STATION	SIDI BARANI		MATRUH		ROUAD AIRPORT		PORT SAID		EL 'ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA	
TIME	9		6 30				9								9 30		8 30				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	80	14	60	15			30	6							80	13	20	3			300	7
600	90	21					40	5							100	4	360	14			30	4
1000	100	15					40	4							110	6	10	17			70	13
1500	100	17					220	3							100	8	90	11			60	17
2000							20	3							100	9	140	9			50	10
3000							10	2							100	5	340	16			140	1
4000																					230	5
5000																					160	9
6000																					230	13
7000																					210	36
8000																						

STATION	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME	7		9		9		7										3 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	110	12	70	14	340	7	40	9																
600	100	21	60	20	350	3	90	12									200	12						
1000	130	21	70	20	320	10	110	17									180	8	210	26			200	7
1500	150	17			300	15	80	12										13	230	7			190	6
2000	170	14			280	9	50	16															80	7
3000	170	15																					30	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)

CAIRO

Time of Sunrise 03 58 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 : Monday 17th October, 1949

At 1200 on Sun. 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	90	2	7	01	0	0	—	14.8	27	62	19
	62303	SÎDI BARÂNI	40	9	35	02	0	0	—	14.3	25	74	20
	62306	MATRÛH	60	10	18	00	1	0	—	13.6	25	70	19
	62309	EL DABʻA	40	8	35	00	0	0	—	12.4	27	62	19
		ALEXANDRIA	20	11	50	00	0	0	—	12.6	25	74	20
	62318	FOUAD (Airport)	40	10	18	02	0	0	—	12.6	28	70	22
	62330	DAMIETTA	40	5	15	00	0	0	—	13.0	26	74	21
	62333	PORT SAʻÎD	50	16	30	02	0	0	—	12.2	26	79	22
	62336	EL ʻARISH	340	2	35	01	0	0	—	12.6	27	62	19
Lower Egypt	62339	DAMANHUR	130	9	15	02	0	0	—	12.7	32	43	18
	62342	MANSURA	40	13	35	00	1	0	—	12.3	32	38	16
	62348	TANTA	90	5	35	02	1	0	—	12.1	33	38	17
	62354	ZAGAZIG	140	2	50	00	0	0	—	11.5	33	44	19
	62441	ISMAʻILIA	20	2		00	0	0	—	12.0	35	29	14
Cairo Area	62366	FAROUK (Airport)	340	6	30	00	0	0	—	11.1	34	27	12
	62372	ALMÂZA	360	9	30	00	0	0	—	10.6	34	47	21
		EZBEKÎYA	20	5	35	00	0	0	—	10.8	34	41	19
		GÎZA	20	5	35	00	0	0	—	11.6	33	39	17
	62378	HELWÂN	270	6	15	02	0	0	—	10.0	37	14	6
Upper Egypt	62381	FAIYÛM	360	2	35	02	0	0	—	10.8	33	38	17
	62387	MINYA	00	0	12	00	0	0	—	11.0	36	31	16
	62393	ASYÛT MANQABÂD	00	0	30	00	0	0	—	10.6	33	34	15
	62399	NAGʻ HAMMÂDI	00	0	7	00	0	0	—	9.5	39	24	15
	62402	QENA	130	2	50	00	0	0	—	9.9	37	22	12
	62405	LUXOR											
	62414	ASWÂN	140	5	50	00	0	0	—	8.0	40	12	5
Oases	62417	SÎWA	00	0	35	00	0	0	—	15.0	32	49	20
	62420	BAHARÎYA	270	5	35	02	0	0	—	11.1	37	22	12
	62423	FARAFRA											
	62432	DAKHLA	320	6	50	00	0	0	—	10.6	37	14	6
	62435	KHARGA	00	0	35	00	0	0	—	10.3	40	17	11
Red Sea	62450	SUEZ	00	0	35	02	0	0	—	9.9	34	27	12
	62459	TÔR	310	5	35	00	0	0	—	11.4	29	70	23
	62462	HURGHÂDA	00	0		00	0	0	—	10.8	30	66	23
	62465	QUSEIR	20	9	15	02	0	0	—	11.9	28	70	22
	62641	PORT SÛDÂN	10	10	30	02	0	0	—	9.1	31	84	28
North Sûdân	62600	WÂDI HALFA	110	2	30	00	0	0	—	6.7	40	8	0
	62640	ABU HAMAD	230	2	20	03	0	1	Cu	4.9	39	13	6
	62660	KAREIMA	30	3	30	01	0	1	ac	4.1	39	16	9
	62680	ʻATBARA	270	5	30	03	0	1	cu	3.5	39	23	14
	62721	KHARTÛM	270	6	30	01	1	5	cu, ac	2.9	38	25	15
	62730	KASSALA	180	2	30	00	0	1	Cu	3.4	38	29	17
Central Sûdân	62751	WÂD MEDANI	360	5	35	02	1	4	Cu	3.1	36	35	18
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	270	16	30	02	2	5	Cu, Ci	2.3	35	30	15
	62760	EL FÂSHER	110	7	30	03	1	7	Cu, Ac		36	22	11
	62770	GENEINA	200	4	30	01	1	6	Cu, Ci		33	28	12
S. Sûdân	62840	MALAKÂL	200	13	30	01	2	7	Sc, Ac	10.3	30	59	21
	62880	WÂU	20	3	30	03	2	8	Cb, Ac	7.4	31	59	22
	62941	JUBA											

At 1800 on Sun. 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	360	4	15	01	0	2	ac	14.0	24	84	21	0
SÎDI BARÂNI	110	5	15	02	0	0	—	14.6	21	88	19	0
MATRÛH	00	0	12	01	0	0	—	14.7	20	88	18	0
EL DABʻA	320	1	7	00	0	0	—	13.6	23	74	18	0
ALEXANDRIA	40	8	15	00	0	0	—	14.3	23	89	21	0
FOUAD (Airport)	40	7	12	02	0	0	—	15.4	23	88	21	0
DAMIETTA	20	2		00	0	0	—	13.0	24	94	23	0
PORT SAʻÎD	60	12	15	02	0	0	—	12.5	25	79	21	0
EL ʻARISH	20	2	35	02	0	0	—	13.0	24	84	21	0
DAMANHUR	180	5	35	02	0	0	—	13.4	23	74	18	0
MANSURA	20	5		00	0	0	—	13.6	23	84	20	0
TANTA	90	2	35	02	0	0	—	13.3	23	74	18	0
ZAGAZIG	40	2	35	00	0	0	—	12.4	23	89	21	0
ISMAʻILIA	20	2	35	02	0	0	—	13.6	24	74	19	0
FAROUK (Airport)												
ALMÂZA	40	9	18	00	0	0	—	12.0	27	58	19	0
EZBEKÎYA	360	4	15	00	0	0	—	12.3	27	55	17	0
GÎZA	360	4	15	00	0	0	—	12.6	28	61	19	0
HELWÂN	20	13	7	06	0	0	—	11.6	28	45	15	0
FAIYÛM	360	2	35	02	0	0	—	11.6	25	70	19	0
MINYA	00	0	8	00	0	0	—	12.7	22	78	18	0
ASYÛT MANQABÂD												
NAGʻ HAMMÂDI	00	0		00	0	0	—	10.4	24	47	12	0
QENA	90	2	7	00	0	0	—	10.8	27	37	11	0
LUXOR	00	0	12	00	0	0	—	10.4	31	15	1	0
ASWÂN	140	6	50	00	0	0	—	9.5	35	18	7	0
SÎWA	00	0	35	00	0	0	—	15.4	27	55	17	0
BAHARÎYA	360	2	15	02	0	0	—	13.3	26	48	14	0
FARAFRA												
DAKHLA	320	4	35	00	0	0	—	10.3	30	25	8	0
KHARGA	40	1	15	00	0	0	—	10.3	30	38	14	0
SUEZ	00	0	15	02	0	0	—	12.1	27	62	19	0
TÔR	40	3	15	00	0	0	—	12.3	23	50	12	0
HURGHÂDA	180	1		00	0	0	—	11.1	25	47	13	0
QUSEIR	40	5	15	02	0	0	—	12.0	26	16	20	0

At 0600 on Monday 17th October.

Wind Direction	Wind Velocity in knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.	Station
270	3	35	02	0	0	—	15.3		22			16		74	17	0	0		SALUM
320	6	35	03	1	5	Cu	16.2		23	26		18		74	18	0	0		SÎDI BARÂNI
310	7	14	00	0	0	—	15.1		22	26		15		74	17	0	0		MATRÛH
180	1	15	00	0	0	—	15.3		18	27		13		95	18	0	0		EL DABʻA
270	6	50	01	2	5	Sc, Ac	15.0	-1.6	24	27	-1	21	+1	74	19	0	0	3	ALEXANDRIA
280	2	14	02	0	0	—	14.6		24	30		16		74	19	0	0	3	FOUAD (Airport)
320	2	3	03	1	6	Cu	14.4	-1.3	24	27		21		94	23	0	0	3	DAMIETTA
330	3	12	01	0	4	Sc	13.8		25	27		24		84	22	0	0		PORT SAʻÎD
220	2	35	02	0	0	—	13.5	-1.8	24	30	+2	16	-1	94	23	0	0	2	EL ʻARISH
270	5	7	03	1	1	Cu	14.6	-1.8	22	33	+3	19	+2	89	20	0	0	2	DAMANHÛR
320	5	35	01	1	3	Ac	14.6	-1.4	23	33	+2	20	+2	89	21	0	0	1	MANṢÛRA
220	2	35	01	1	3	Cu	15.5	-1.0	22	34	+3	16	0	89	20	0	0	1	TANṬA
320	2	15	02	2	8	Sc	14.3	-2.2	23	33	+2	18	+3	89	21	0	0	1	ZAGÂZIG
270	2	35	01	1	6	—	15.4		23	36		19		84	20	0	0		ISMAÎLÎA
																	0		FAROUK (Airport)
00	0	10	03	2	7	St	15.0	-1.1	20	35		19		95	20	0	0		ALMÂZA
360	2	7	00	0	7	Sc	15.4	-0.7	22	35	+5	20	+3	83	19	0	0	1	EZBEKÎYA
360	2	7	00	0	7	Sc	15.9	-0.4	21	35	+5	20	+5	74	16	0	0	1	GÎZA
320	2	3	10	2	7	St	15.8	-0.4	21	37	+7	20	+2	88	19	0	0	0	HELWÂN
360	3	35	01	1	4	Sc, Cu	15.6	-0.4	23	36	+4	19	+2	84	20	0	0	0	FAIYÛM
360	5	10	00	0	0	—	14.7		23	37		16		69	17	0	[illegible]		MINYA
300	3	30	00	0	0	—	14.7		23			20		78	19	0	0		ASYÛT MANQABÂD
00	0	3	00	0	0	—	14.4	+0.5	26	40		16		37	10	0	0		NAGʻ HAMMÂDI
290	9	35	00	0	0	—	14.2	+0.6	24	39	+4	19	+1	41	10	0	0		QENA
										39							0		LUXOR
360	3	50	00	0	0	—	12.8	-0.1	27	41	+4	22	+1	20	2	0	0		ASWÂN
00	0	35	00	0	0	—	17.6	0.0	23	32	0	15	+1	61	15	0	0	0	SÎWA
00	0	35	02	0	0	—	15.2	-1.5	22	37	+6	16	0	83	19	0	0	0	BAHARÎYA
																			FARAFRA
00	0	35	00	0	0	—	13.8	-1.6	26	39	+5	20	+3	42	12	0	0		DAKHLA
00	0	35	00	0	0	—	13.4	-1.1	26	40	+6	20	+2	51	15	0	0		KHARGA
360	5	35	00	0	1	Cu	13.9	-1.2	22	37	+6	18	-1	83	19	0	0	1	SUEZ
40	6	35	00	0	0	—	12.4	-1.2	25	32	+2	18	0	30	6	0	0	0	TÔR
270	1		00	0	0	—	11.8		27	31		24?		20	2	0	0		HURGHADA
330	5	15	02	0	0	—	11.7	-1.6	25	29	-2	20	-3	28	5	0	0	0	QUSEIR
270	4	30	03	1	4	Cu	12.1		29	32		25		84	26	0	0	6	PORT SÛDÂN
00	0	30	00	0	0	—	11.0		25	41		19		19	0	0	0		WÂDI HALFA
90	1	30	03	0	2	Ci	10.1		28	40		21		25	6	0	0		ABU HAMAD
40	1	30	01	0	4	Ci	9.6		29	40		25		35	12	0	dr.	1	KAREIMA
270	5	30	02	1	4	Ci	8.6		29	39		25		52	18	0	0	1	ʻAṬBARA
230	3	30	02	6	6	Ac	9.0		28	39		25		58	19	8	10	2	KHARTÛM
180	5	30	00	0	0	—	11.4		27	40		23		66	20	0	dr.	4	KASSALA
140	9	50	02	1	7	Ci	11.2		25	37		21		79	21	dr.	1	6	WÂD MEDANI
140	5	50	02	1	6	Sc	11.0		22	32		19		94	21	9		22	RENK
240	2	35	02	0	0	—			23	34		23		84	20	0	42	15	ROSEIRES
70	4	30	01	8	6	Sc, Cu	10.6		24	37		21		38	9	16	18	8	EL OBEIḌ
290	5	30	02	1	7	Ac			23	37		21		61	15	1	1	4	EL FÂSHER
90	1	30	02	2	7	Ac			22	34		21		83	19	dr.	dr	4	GENEINA
110	2	30	02	2	8	Sc, Ci	11.5		23	30		19		89	21	dr.	37	52	MALAKÂL
																15	107	75	WÂU
00	0	30	03	2	8	Sc	13.3		24	32		20		84	21	2	23	53	JUBA

HUMIDITY % Mean of day

Station	on 16th	Diff. from normal
Alexandria	82	+14
Ezbekiya	64	-2
Giza	64	-4
Helwân	51	-2

GÎZA

GRASS MINIMUM TEMP.

On 17th 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

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

UPPER WIND OBSERVATIONS on 16th

Station	Port Said		Hurghada		Matruh	
Time	15		15			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	40	23	160	4	60	7
600	80	17	140	12	310	10
1000	130	8	160	12	230	6
1500	180	8	120	6	310	9
2000	170	9	200	5	300	12
3000	200	16	270	12	260	5
4000	210	27			240	28
5000	220	28				
6000						
7000						
8000						

UPPER WIND OBSERVATIONS on 17th

Station	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAʻÎD		EL ʻARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA	
Time	9		4				3				9				10				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	320	17	250	16			340	10			320	10			320	14			350	9	70	6
600	310	17	260	15			260	10			310	9			350	15			80	23	90	8
1000	290	15	270	12							290	14			340	14			90	20	50	6
1500	270	17	230	13							260	15			320	5			110	19	130	8
2000			240	21											200	3					200	6
3000			250	18											200	12					200	13
4000															190	15					200	15
5000																					150	15
6000																					220	6
7000																					160	16
8000																					190	16

Station	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
Time	9		9		9		7		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	8	10	28	350	8	360	11	70	4														
600	320	10	10	24	360	12	360	19	60	7													100	5
1000	310	10	10	23	10	14	360	20	80	5											70	6	300	2
1500	270	10	360	23	10	10			20	11											10	2	00	0
2000	250	19	360	30																	200	1		
3000	260	27							30	12													120	9
4000	280	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.

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

Note: All times G. M. T.

CAIRO
Time of Sunrise 03 57 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 16th October, 1949

At 1200 on Satur. 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	SALÛM	40	4	7	01	0	2	Cl	15.0	24	69	18	
	62303	SÎDI BARÂNI	40	12	15	01	0	1	Cu	15.0	24	84	21	
	62306	MATRÛH	90	11	18	01	0	1	Cu	15.1	23	76	19	
	62309	EL DABA	20	12	35	00	0	0	—	14.3	24	74	19	
		ALEXANDRIA	360	10	35	03	1	2	Sc Cu	14.3	25	70	19	
	62318	FOUAD (Airport)	10	11	36	00	0	0	—	14.3	27	62	19	
	62330	DAMIETTA	40	2	15	00	0	1	Sc	14.6	25	70	19	
	62333	PORT SA'ÎD	30	8	30	02	0	0	—	14.1	27	70	21	
	62336	EL 'ARISH	360	1	35	01	0	0	—	14.5	29	74	24	
LOWER EGYPT	62339	DAMANHUR	40	9	15	02	0	0	—	15.2	29	59	20	
	62342	MANSURA	40	9	35	01	1	2	Cl	13.8	31	49	19	
	62348	TANTA	40	8	35	01	1	3	Cu	14.2	31	43	17	
	62354	ZAGAZIG	320	5	35	00	0	0	—	13.1	31	49	19	
	62441	ISMAÎLIA	20	5	35	02	0	0	—	12.4	32	34	14	
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMÂZA	40	12	30	00	0	0	—	11.8	32	41	17	
		EZBEKÎYA	40	4	35	00	0	0	—	12.2	33	32	14	
		GÎZA	40	4	35	00	0	0	—	12.0	32	38	16	
	62378	HELWÂN	20	9	35	02	0	0	—	11.0	35	15	5	
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0	—	11.0	35	23	11	
	62387	MINYA	10	6	12	00	0	0	—	10.4	35	32	16	
	62393	ASYÛT MANQABÂD												
	62399	NAG' HAMMÂDI	00	0	15	00	0	0	—	9.0	36	42	21	
	62402	QENA	270	2	50	00	0	0	—	8.4	39	10	2	
	62405	LUXOR												
	62414	ASWÂN	360	4	50	00	0	0	—	7.6	40	19	12	
OASES	62417	SÎWA	00	0	35	00	0	0	—	14.0	32	56	22	
	62420	BAHARÎYA	360	2	35	02	0	0	—	11.5	36	19	10	
	62423	FARAFRA												
	62432	DAKHLA	00	0	50	00	0	0	—		39	14	7	
	62436	KHARGA	00	0	35	00	0	0	—	10.0	40	15	9	
RED SEA	62450	SUEZ	00	0	35	02	0	0	—	10.8	34	18	6	
	62459	TÛR	310	3	35	00	0	0	—	11.8	28	74	23	
	62462	HURGHÂDA	360	1		00	0	0	—	10.4	28	74	23	
	62465	QUSEIR	360	9	15	02	0	0	—	11.6	29	66	22	
	62641	PORT SÛDÂN	20	12	30	00	0	0	—	8.5	31	79	27	
NORTH SÛDÂN	62600	WÂDI HALFA	110	5	30	00	0	0	—	6.0	39	12	5	
	62640	ABU HAMAD	110	3	30	00	0	0	—	3.4	39	10	2	
	62660	KAREIMA	70	1	30	00	0	2	Cl	3.7	38	17	9	
	62680	'ATBARA	50	5	30	03	0	2	Cu	2.9	39	16	9	
	62721	KHARTÛM	120	4	30	03	0	3	Cu	2.1	39	16	9	
	62780	KASSALA	180	2	30	00	0	1	Cu	3.2	37	33	18	
CENTRAL SÛDÂN	62751	WÂD MEDANI	200	9	35	02	1	6	Cu	2.8	37	27	15	
	62801	RENK	70	13	50	02	1	6	Cu	3.3	35	44	21	
	62802	ROSEIRES												
	62771	EL OBEID	180	2	30	03	2	7	Ac	2.3	36	19	9	
	62760	EL FÂSHER												
	62770	GENEINA	70	7	30	00	0	2	Ci		35	9	-3	
S. SUDAN	62840	MALAKÂL												
	62880	WÂU	20	1	30	01	2	6	Cu Ac	4.3	34	41	19	
	62941	JUBA												

At 1800 on Satur. 15th

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms
62300	SALÛM	40	5	15	03	1	4	Ac	15.0	24	69	18	0
62303	SÎDI BARÂNI	70	8	7	02	0	1	Cu	15.2	22	89	20	0
62306	MATRÛH	100	3	12	00	0	0	—	14.9	20	87	18	0
62309	EL DABA	40	1	7	00	0	0	—	13.6	22	83	19	0
	ALEXANDRIA	40	3	15	00	0	0	—	15.0	23	74	18	0
62318	FOUAD (Airport)												
62330	DAMIETTA	20	2		00	0	0	—	15.0	23	84	20	0
62333	PORT SA'ÎD	30	10	14	02	0	0	—	14.5	24	79	20	0
62336	EL 'ARISH	360	1	15	01	0	0	—	14.9	28	58	19	0
62339	DAMANHUR	40	9	15	02	0	0	—	15.1	22	74	17	0
62342	MANSURA	40	5		00	1	0	—	14.8	22	83	19	0
62348	TANTA			35	02	1	0	—	14.3	23	83	19	0
62354	ZAGAZIG	40	5	35	00	0	0	—	14.0	22	89	20	0
62441	ISMAÎLIA	20	2	35	02	0	0	—	13.6	23	84	20	0
62366	FAROUK (Airport)												
62372	ALMÂZA	40	9	15	00	0	0	—	13.8	24	89	22	0
	EZBEKÎYA	40	6	15	00	0	0	—	13.8	24	89	18	0
	GÎZA	40	5	15	00	0	0	—	14.2	25	61	17	0
62378	HELWÂN	20	25	15	02	0	0	—	12.7	25	61	17	0
62381	FAIYÛM	360	5	35	02	0	0	—	11.5	27	52	16	0
62387	MINYA	350	5	10	00	0	0	—	10.7	24	54	14	0
62393	ASYÛT MANQABÂD												
62399	NAG' HAMMÂDI	00	0		00	0	0	—	9.9	26	58	17	0
62402	QENA	270	2	7	00	0	0	—	8.8	28	33	10	0
62405	LUXOR	110	8	12	00	0	0	—	9.8	29	29	10	0
62414	ASWÂN	00	0	50	00	0	0	—	8.7	35	20	9	0
62417	SÎWA	00	0	35	00	0	0	—	13.8	24	54	14	0
62420	BAHARÎYA	00	0	15	02	0	0	—	11.9	28	33	10	0
62423	FARAFRA												
62432	DAKHLA	00	0	35	00	0	0	—	10.8	31	22	7	0
62436	KHARGA	00	0	15	00	0	0	—	10.0	31	31	12	0
62450	SUEZ	330	10	15	02	0	0	—	12.0	25	70	19	0
62459	TÛR	310	3	15	00	0	0	—	11.9	24	89	22	0
62462	HURGHÂDA	270	2		00	0	0	—	10.8	22	74	17	0
62465	QUSEIR	360	5	15	02	0	0	—	12.5	26	70	20	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 16th October

INDEX NUMBER	STATION	WIND 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	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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	SALÛM	140	2	15	03	1	7	Fs,Fc	14.6		20	24		16		78	16	0	0		SALUM
62303	SÎDI BARÂNI	160	4	15	01	0	0	—	15.5		20	25		14		95	20	0	0		SÎDI BARÂNI
62306	MATRÛH	00	0	12	02	2	6	Sc	15.0		21	25		13		83	18	0	0		MATRÛH
62309	EL DABA	180	3	15	01	1	2	Cu			20	25		19		88	19	0	0		EL DABA
	ALEXANDRIA	110	6	35	03	2	6	Sc	14.8	-1.8	23	26	-2	20	0	84	20	0	0	3	ALEXANDRIA
62318	FOUAD (Airport)	80	6	10	02	0	2	Sc	14.3		23			18		84	20	0	0	3	FOUAD (Airport)
62330	DAMIETTA	70	5	3	11	0	1	Cu	15.1	-0.5	25	26		22		84	22	0	0	3	DAMIETTA
62333	PORT SA'ÎD	70	12	12	03	0	1	Sc	14.3		24	28		23		79	20	0	0		PORT SA'ÎD
62336	EL 'ARISH	00	0	35	01	0	3	Ci	15.4	+0.1	24	31	+3	17	0	54	14	0	0	2	EL 'ARISH
62339	DAMANHUR	40	9	3	28	4	0	—	14.8	-1.6	22	30	0	17	0	83	19	0	0	2	DAMANHÛR
62342	MANSURA	40	5	35	01	1	3	Cu	15.1	-0.8	25	32	+1	19	+1	74	20	0	0	1	MANSÛRA
62348	TANTA	40	2	7	03	2	8	As	15.5	-0.6	20	31	0	14	-2	88	18	0	0	1	TANTA
62354	ZAGAZIG	40	5	0.8	43	4	8	Sc	14.0	-1.5	20	31	0	18	+3	95	20	0	0	0	ZAGAZIG
62441	ISMAÎLIA	40	5	35	01	0	0	—	13.5		22	32		18		83	19	0	0		ISMAÎLIA
62366	FAROUK (Airport)																		0		FAROUK (Airport)
62372	ALMÂZA	30	8	12	00	0	0	—	13.1	-2.9	20	33		17		88	18	0	0		ALMÂZA
	EZBEKÎYA	360	4	7	00	0	0	—	13.5	-2.5	20	33	+3	18	+1	88	18	0	0	1	EZBEKÎYA
	GÎZA	360	4	7	00	0	0	—	13.3	-2.9	21	33	+3	18	+3	80	18	0	0	1	GÎZA
62378	HELWÂN	00	0	7	00	0	0	—	12.8	-3.3	21	35	+5	20	+2	85	14	0	0	0	HELWÂN
62381	FAIYÛM	00	0	15	00	0	0	—	12.7	-3.2	23	35	+3	17	0	65	16	0	0	0	FAIYÛM
62387	MINYA	00	0	14	00	0	0	—	12.7		21	35		15		83	18	0	0		MINYA
62393	ASYÛT MANQABÂD	00	0	30	00	0	0	—	12.8		26			19		42	12	0	0		ASYÛT MANQABÂD
62399	NAG' HAMMÂDI	00	0	3	00	0	0	—	12.6	-1.3	27	38		16		52	16	0	0		NAG' HAMMÂDI
62402	QENA	40	2	35	00	0	0	—	13.0	-0.5	27	41	+6	21	+2	33	9	0	0		QENA
62405	LUXOR	60	4	30	00	0	0	—	12.2		26	38		17		40	11	0	0		LUXOR
62414	ASWÂN	00	0	50	00	0	0	—	12.6	-0.1	27	41	+4	21	-1	33	9	0	0		ASWÂN
62417	SÎWA	00	0	35	00	0	0	—	15.5	-2.0	20	33	+1	15	+1	73	15	0	0	0	SÎWA
62420	BAHARÎYA	180	2	35	02	0	0	—	13.3	-3.3	24	38	+7	16	0	61	16	0	0	0	BAHARÎYA
62423	FARAFRA																				FARAFRA
62432	DAKHLA	320	6	35	00	0	0	—			24	41	+7	19	+2	38	9	0	0		DAKHLA
62436	KHARGA	00	0	35	00	0	0	—	12.4	-2.0	27	40	+5	20	+3	27	6	0	0		KHARGA
62450	SUEZ	00	0	35	00	3	0	—	12.4	-2.6	24	36	+5	17	-2	61	16	0	0	0	SUEZ
62459	TÛR	00	0	35	00	0	0	—	12.4	-1.1	25	30	+1	17	-1	65	18	0	0	0	TÛR
62462	HURGHADA	270	1		00	0	0	—	12.1		26	28		17		55	16	0	0		HURGHADA
62465	QUSEIR	300	5	15	02	0	0	—	12.6	-0.6	27	29	-2	23	0	66	19	0	0	0	QUSEIR
62641	PORT SÛDÂN	280	9	30	03	1	3	Cu	11.7		29	32		23		79	25	0	0	6	PORT SÛDÂN
62600	WÂDI HALFA	00	0	30	00	0	0	—	10.6		26	41		20		23	3	0	0		WÂDI HALFA
62640	ABU HAMAD	110	5	30	00	0	0	—	8.1		29	40		23		20	4	0	0		ABU HAMAD
62660	KAREIMA	70	5	30	01	1	3	Ac	8.5		29	40		27		29	9	0	dr.	0	KAREIMA
62680	'ATBARA	90	5	30	02	0	1	Ac	8.8		30	40		24		27	9	0	0	0	'ATBARA
62721	KHARTÛM	170	7	30	02	1	4	Ac,Ci	8.0		31	40		24		23	17	0	2	2	KHARTÛM
62780	KASSALA	200	2	30	00	0	0	—	8.2		29	40		24		59	20	0	dr.	4	KASSALA
62751	WÂD MEDANI	340	5	50	02	8	7	Cl	8.3		26	37		21		70	20	dr.	1	5	WÂD MEDANI
62801	RENK																			21	RENK
62802	ROSEIRES	160	2	3	02	1	8	Fs,Fc	10.0		24	36		22		94	23	10	42	14	ROSEIRES
62771	EL OBEID	270	18	30	01	8	6	Ac	7.4		29	37		25		52	18	dr.	2	8	EL OBEID
62760	EL FÂSHER	120	3	30	02	1	8	Ac,Cc			25	37		23		42	11	0	0	4	EL FÂSHER
62770	GENEINA	220	5	30	01	0	3	Ci			22	36		20		69	16	0	dr.	4	GENEINA
62840	MALAKÂL	180	13	30	03	2	8	St	12.3		24	33		23		94	23	1	37	50	MALAKÂL
62880	WÂU	150	4	30	03	2	7	Sc,Ac	10.0		22	34		20		89	20	22	92	70	WÂU
62941	JUBA	230	5	30	92	5	8	Cu,Ac				33		20		70	21	6	21	50	JUBA

HUMIDITY % Mean of day

STATION	on 15th	Diff. from normal
Alexandria	73	+5
Ezbekîya	67	+1
Gîza	62	-6
Helwân	53	0

GÎZA
GRASS MINIMUM TEMP.
ON 16th 12.8 °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 15th At 15h AIRPORT						On ..... At ..... AIRPORT						On ..... At ..... AIRPORT					
PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.	PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.	PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	105	23	27	360	13	1000						1000					
950						950						950					
900						900						900					
850	1534	22	19	180	13	850						850					
800						800						800					
700	3179	7	39	240	20	700						700					
600						600						600					
500	5851	-12		240	29	500						500					
400		-20				400						400					
300	9586	-36		250	62	300						300					

UPPER WIND OBSERVATIONS on 15th

STATION	Matruh				Port Said				Harghada															
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.
300	70	16			360	15			330	4														
600	70	15			360	9			60	4														
1000	80	23			320	5			70	14														
1500	80	23							50	10														
2000	120	10							20	5														
3000									360	2														
4000									260															
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 16th

STATION	SÎDI BARÂNI		MATRÛH		POUAD AIRPORT		PORT SAÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABAD		LUXOR		ASWÂN		HURGHADA		
TIME	9		4				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	130	13	30	9			50	17							300	3					270	13		
600	150	12	30	11			60	16							180	15			110	13	70	10		
1000	110	2					80	7							180	17			90	24	40	7		
1500	300	4					170	18							190	12			120	24	120	13		
2000	280	2					180	14							180	14			130	26	150	16		
3000	300	2													190	10					210	13		
4000																					200	15		
5000																					280	12		
6000																					230	22		
7000																					220	30		
8000																					140	37		

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7		4								4 45		3 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	210	7	280	16	330	16	80	3	90	7														
600	220	5	260	11	310	15	150	9	120	11							210	9					250	14
1000	70	12	250	18	310	6	150	13	120	19							200	7	220	29			270	16
1500	360	10	230		280	10			80	17							190	6	210	13			250	11
2000	340	23																						
3000									70	7							90	2	30	11			170	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 1948 (48/450).

Note: All times G. M. T.

CAIRO
Time of Sunrise 03 59 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 18th October, , 1949

At 1200 on Mon. 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
NORTH DELTA	62300	SALÛM	40	12	35	03	0	4	Cu	14.8	24	69	18
	62303	SIDI BARÂNI	320	6	35	01	0	2	Cu	15.9	24	69	18
	62306	MATRÛH	10	10	18	03	1	5	Sc	15.1	24	69	18
	62309	EL DABA	20	9	35	00	0	0	—	14.2	25	61	17
		ALEXANDRIA	310	10	50	00	0	0	—	14.4	25	70	19
	62318	FOUAD (Airport)	340	9	18	02	0	0	—	14.2	26	62	19
	62330	DAMIETTA	320	2	15	01	0	0	—	13.8	26	70	20
	62333	PORT SAÏD	340	14	30	02	1	1	Sc	13.2	26	74	21
	62336	EL 'ARISH	300	2	35	02	0	0	—	13.0	27	79	23
NORTH DELTA	62339	DAMANHUR	40	13	15	02	0	0	—	14.4	27	55	17
	62342	MANSURA	320	9	35	00	1	0	—	13.5	30	46	17
	62348	TANTA	310	5	35	02	1	0	—	13.3	31	43	17
	62354	ZAGAZIG	320	5	35	00	1	0	—	13.4	31	38	15
	62441	ISMAÏLIA	320	2	35	02	0	0	—	12.4	32	38	16
CAIRO AREA	62366	FAROUK (Airport)	320	12	30	00	0	0	—	13.5	31	43	17
	62372	ALMÀZA	320	10	30	00	0	0	—	13.4	29	56	19
		EZBEKÎYA	360	3	35	00	0	0	—	13.4	32	26	10
		GÎZA	360	3	35	00	0	0	—	13.9	32	42	18
	62378	HELWÂN	320	14	35	02	0	0	—	13.0	31	28	10
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0	—	13.1	31	38	15
	62387	MINYA	20	10	12	00	0	0	—	12.8	32	38	16
	62393	ASYÛT MANQABÂD											
	62399	NAG' HAMMÂDI	00	0	7	00	0	0	—	10.2	33	44	19
	62402	QENA	240	2	50	00	0	0	—	10.8	34	30	14
	62405	LUXOR	360	5	30	00	0	0	—	9.1	38	10	1
	62414	ASWÂN	270	4	50	00	0	0	—	8.7	39	14	7
OASES	62417	SÎWA	320	5	35	00	0	0	—	16.7	31	49	19
	62420	BAHARÎYA	360	5	35	02	0	0	—	13.3	33	21	8
	62423	FARAFRA											
	62432	DAKHLA	340	10	50	00	0	0	—		36	13	4
	62435	KHARGA	20	1	35	00	0	0	—	11.4	36	19	9
RED SEA	62450	SUEZ	00	0	35	01	0	0	—	11.5	33	34	15
	62459	TÛR	310	5	35	00	0	0	—	10.8	30	59	21
	62462	HURGHÂDA	360	1		00	0	0	—	10.7	28	74	23
	62465	QUSEIR	20	5	15	02	0	0	—	10.6	28	70	22
	62641	PORT SÛDAN		9	30	01	1	1	Cu	8.3	32	74	27
NORTH SÛDAN	62600	WÂDI HALFA	230	1	30	00	0	0	—	7.2	38	15	7
	62640	ABU HAMAD	270	1	30	03	1	4	Ci	5.2	37		
	62660	KAREIMA	360	1	30	01	1	4	Ci	5.0	38	17	9
	62680	ATBARA		5	30	03	1	7	St	3.7	39	23	14
	62721	KHARTÛM	270	5	30	02	2	6	Sc,Cu	4.7	36	29	15
	62780	KASSALA	180	2	30	00	0	1	Cu	4.4	36	35	18
CENTRAL SÛDAN	62751	WÂD MEDANI		5	35	02	1	6	Ci	5.8	35	37	18
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	00	0	30	02	1	6	Cu,Ac	6.2	31	29	11
	62760	EL FÂSHER	150	3	30	03	1	7	Sc		34	22	9
	62770	GENEINA	200	7	30	02	1	7	Sc		31	36	14
S. SÛDAN	62840	MALAKÂL	180	4	30	03	2	7	Cu,Ac	7.8	30	59	21
	62880	WÂU	200	1	30	03	1	7	Cu,Ac	7.1	31	55	21
	62941	JUBA	50	5	30	03	2	8	Ci,Ac,Sc	6.4	31	55	21

At 1800 on Mon. 17th

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	360	8	15	02	0	0	—	16.7	21	65	14	0
62303	320	5	15	03	0	3	Cu	17.0	21	83	18	0
62306	10	6	12	03	2	5	Sc	16.7	22	69	16	0
62309	340	5	7	01	1	2	Cu		22	63	19	0
62318	360	11	3?	01	1	5	Cu	16.3	23	74	18	0
62330	360	6	12	02	0	2	Sc	15.7	22	83	19	0
62333	320	2		00	0	0	—	14.3	23	84	20	0
62336	340	11	14	01	0	0	—	14.6	24	79	20	0
62339	320	2	15	02	0	0	—	14.0	25	74	20	0
62342	40	9	15	02	0	0	—	15.4	21	83	18	0
62348	360	9		00	0	0	—	15.5	22	83	19	0
62354	270	2	35	02	0	0	—	15.8	21	83	18	0
62441	320	2	35	00	0	0	—	15.5	22	83	19	0
	40	2	35	02	0	0	—	14.3	23	74	18	0
62366												
62372	330	12	30	00	0	0	—	13.3	26	62	19	0
	340	3	15	00	0	0	—	15.4	25	69	15	0
	340	3	15	00	0	0	—	15.5	25	56	15	0
62378	340	8	15	02	0	0	—	14.7	26	42	12	0
62381	360	2	35	02	0	0	—	14.3	24	54	14	0
62387	20	3	10	00	0	0	—	14.1	25	39	10	0
62393												
62399	00	0		00	0	0	—	10.7	27	55	17	0
62402	220	2	7	00	0	0	—	10.6	27	52	16	0
62405	150	8	12	00	0	0	—	10.3	30	24	7	0
62414	360	4	50	00	0	0	—	9.5	34	18	6	0
62417	00	6	35	00	0	0	—	17.0	28	11	22	0
62420	360	1	15	02	0	0	—	14.8	26	37	10	0
62423												
62432	320	6	35	00	0	0	—	12.3	31	17	3	0
62435	20	3	15	00	0	0	—	11.8	27	42	13	0
62450	360	4	15	02	0	0	—	13.5	25	74	20	0
62459	310	3	15	00	0	0	—	11.9	25	74	20	0
62462	00	0		00	0	0	—	10.8	25	74	20	0
62465	360	5	15	02	0	0	—	10.2	26	48	14	0
62641												
62600												
62640												
62660												
62680												
62721												
62780												
62751												
62801												
62802												
62771												
62760												
62770												
62840												
62880												
62941												

At 0600 on Tuesday 18th October,

INDEX NUMBER	WIND DIRECTION	WIND VELOCITY	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	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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	10	15	03	0	1	Cu	17.6		19	25		18		64	12	0	0		SALUM
62303	290	9	35	03	1	5	Cu	17.9		21	25		19		65	14	0	0		SIDI BARANI
62306	310	9	12	02	2	6	Sc	17.8		20	26		16		56	11	0	0		MATRÛH
62309	270	5	15	01	1	1	Cu	16.7		21	26		17		74	16	0	0		EL DABA
	310	10				5	St.	17.5	+0.8	23	27	-1	21	+1	61	15	0	0	3	ALEXANDRIA
62318	340	6	14	01	2	5	Cu	17.2		23	28		23		65	16	0	0	3	FOUAD (Airport)
62330	340	5	7	03	1	4	Cu	17.0	+1.3	24	28		18		69	18	0	0	3	DAMIETTA
62333	310	6	12	02	0	4	Sc	16.4		24	28		22		79	20	0	0		PORT SAÏD
62336	00	0	35	00	1	1	Cu	16.2	+0.9	25	29	+1	17	0	74	20	0	0	2	EL 'ARISH
62339	40	5	7	02	0	0	—	17.2	+0.7	21	28	-2	16	-1	88	19	0	0	2	DAMANHÛR
62342	360	5	35	00	0	0	—	17.1	+1.1	23	32	+1	18	+1	74	18	0	0	1	MANSÛRA
62348	270	2	35	02	1	0	—	17.5	+1.0	22	31	+1	14	-2	83	19	0	0	1	TANTA
62354	220	2	15	00	0	0	—	17.0	+0.5	22	32	+2	17	+2	83	19	0	0	1	ZAGAZIG
62441	290	2	35	01	1	3	Ac	16.4		22	33		19		83	19	0	0		ISMAÏLIA
62366																		0		FAROUK (Airport)
62372																		0		ALMÀZA
	360	2	7	00	0	7	Sc	17.1	+1.0	21	33	+3	19	+2	88	19	0	0	1	EZBEKÎYA
	360	2	7	00	0	7	Sc.	17.3	+1.0	19	33	+4	18	+1	93	17	0	0	1	GÎZA
62378	20	10	7	00	0	1	St	16.9	+0.6	22	32	+2	19	+1	74	17	0	0	0	HELWÂN
62381	360	5	35	03	0	3	Sc,Cu	17.1	+1.1	22	32	+1	18	+1	83	19	0	0	0	FAIYÛM
62387	360	8	10	00	0	0	—	15.2		20	33		16		83	17	0	0		MINYA
62393	00	0	30	00	0	0	—	15.2		24			19		54	14	0	0		ASYÛT MANQABÂD
62399	00	0	7	00	0	0	—	13.5	-0.5	26	34		19		62	18	0	0		NAG' HAMMÂDI
62402	270	6	35	00	0	0	—	13.6	0.0	24	36	+1	20	+2	26	3	0	0		QENA
62405											38						0	0		LUXOR
62414	360	6	50	00	0	0	—	12.6	-0.4	26	40	+4	22	+1	42	12	0	0		ASWÂN
62417	00	0	35	00	0	0	—	19.8	+2.1	20	32	0	16	+2	83	17	0	0	0	SÎWA
62420	360	3	35	02	1	5	Ac	17.0	+0.3	21	34	+3	18	+2	83	18	0	0	0	BAHARÎYA
62423																				FARAFRA
62432	270	3	35	00	0	0	—			25	40?	+6	17	0	34	8	0	0		DAKHLA
62435	20	6	35	00	0	0	—	13.5	-1.0	28	37	+3	20	+2	29	8	0	0		KHARGA
62450	00	0	15	00	0	2	Cu	15.6	+0.4	21	34	+3	19	0	88	19	0	0	1	SUEZ
62459	310	12	35	00	0	0	—	12.5	-1.2	24	32	+3	19	+1	69	18	0	0	0	TÛR
62462	300	5		00	0	0	—	12.3		26	29		21		58	17	0	0		HURGHADA
62465	360	9	15	02	0	0	—	12.2	-1.2	24	27	-2	21	-2	61	16	0	0	0	QUSEIR
62641	00	0	30	02	1	5	Cu,Ac	11.4		31	33		25		79	27	0	0	7	PORT SÛDAN
62600	10	11	30	00	0	0	—	10.8		25	41		22		32	7	0	0		WÂDI HALFA
62640	130	1	30	03	0	1	Ac	8.3		30	38		22		18	3	0	0		ABU HAMAD
62660	180	1	30	00	0	1	Ac	8.5		29	39		23		37	13	0	dr.	1	KAREIMA
62680	20	5	30	01	0	1	Ac	8.4		30	40		25		49	18	0	0	1	'ATBARA
62721	00	0	30	01	2	5	Cb,Ac	7.1		29	37		27		52	18	1	11	2	KHARTÛM
62780	160	5	30	00	0	0	—	8.4		29	38		24		59	20	0	dr.	4	KASSALA
62751	310	9	50	02	8	7	Ac	8.0		36	36		24		44	22	3	4	6	WÂD MEDANI
62801																			24	RENK
62802																	0	42	16	ROSEIRES
62771	360	3	30	01	0	1	Ci	9.7		27	33		23		58	18	0	18	9	EL OBEID
62760	00	0	30	02	1	7	Ac			26	35		24		55	16	dr.	1	5	EL FÂSHER
62770	90	1	30	02	2	8	Ac			23	31		22		78	19	dr.	dr.	4	GENEINA
62840	340	2	30	03	1	6	Sc,Ac	10.8		26	31		21		84	23	0	37	54	MALAKÂL
62880	180	1	30	00	1	2	Ci	11.9		24	32		21		84	21	dr.	107	80	WÂU
62941																	5	28	56	JUBA

HUMIDITY % Mean of day

STATION	on 17th	Diff. from normal
Alexandria	75	+7
Ezbekiya	63	-3
Giza	59	-9
Helwân	60	+7

GÎZA
GRASS MINIMUM TEMP. ON 18th 13.2 °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 15h — AIRPORT

PRESSURE mbs.	HEIGHT ABOVE M.S.L. Metres	TEMP. °C	HUMID. %	WIND DIR.	WIND VEL.
1000	115	30	29	360	12
950					
900					
850	1535	18	20	320	16
800					
700	3165	8	18	230	28
600					
500	5852	-9		220	43
400		-20			
300	7611	-34			

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.	Port Said DIR.	Port Said VEL.			Hurghada DIR.	Hurghada VEL.																		
TIME	15				15																			
300	310	20			150	4																		
600	320	23			120	7																		
1000	310	24			90	7																		
1500	310	23			120	7																		
2000	270	23			120	7																		
3000	220	16			360	3																		
4000					270	10																		
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 18th

HEIGHT m.	SIDI BARANI DIR.	SIDI BARANI 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.		
TIME	9		4 30				3														9			
300	310	12	300	15			330	8													340	31		
600	320	16	310	16			330	7													320	27		
1000	310	18																			320	22		
1500	310	17																			320	12		
2000																					170	9		
3000																					210	11		
4000																					210	13		
5000																					180	12		
6000																					260	14		
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	9		9		9		7		4						4		4				4 30		4	
300	360	9	360	26	10	30	20	22	10	9														
600	350	8	20	19	10	19	20	29	80	10													250	3
1000	350	10	40	8	30	7	10	28	90	12					340	12	190	7						
1500	320	13	360	14			350	12	80	18					320	10	60	2			110	3	260	9
2000	290	12	290	16			20	6							320	5	140	6			50	11	260	6
3000	260	17							20	10					200	9							200	3
4000	260	12													70	9	360	17			60	19	10.0	12
5000	280	14													70	5								
6000	270	17																						
7000	270	18																						
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.

CAIRO
Time of Sunrise 03 58 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 : Monday 17th October, , 1949

At 1200 on Sun. 16th — At 1800 on Sun. 16th — At 0600 on Monday 17th October,

AREA	INDEX NUMBER	STATION	1200 WIND DIRECTION	1200 WIND VELOCITY IN KNOTS	1200 VISIBILITY IN KILOMETRES	1200 PRESENT WEATHER	1200 PAST WEATHER	1200 CLOUD AMOUNT O-8	1200 CLOUD FORM	1200 BAR. PRESSURE M.S.L. mbs	1200 TEMPERATURE °C	1200 HUMIDITY %	1200 DEW POINT °C	1800 WIND DIRECTION	1800 WIND VELOCITY IN KNOTS	1800 VISIBILITY IN KILOMETRES	1800 PRESENT WEATHER	1800 PAST WEATHER	1800 CLOUD AMOUNT O-8	1800 CLOUD FORM	1800 BAR. PRESSURE M.S.L. mbs	1800 TEMPERATURE °C	1800 HUMIDITY %	1800 DEW POINT °C	RAIN PAST 12 hrs mms	STATION
MEDITERRANEAN	62300	SALUM	90	2	7	01	0	0	—	14.8	27	62	19	360	4	15	01	0	2	ac	14.0	24	84	21	0	SALUM
	62303	SIDI BARANI	40	9	35	02	0	0	—	14.3	25	74	20	110	5	15	02	0	0	—	14.6	21	88	19	0	SIDI BARANI
	62306	MATRUH	60	10	18	00	1	0	—	13.6	25	70	19	00	0	12	01	0	0	—	14.7	20	88	18	0	MATRUH
	62309	EL DABA	40	8	35	00	0	0	—	12.4	27	62	19	320	1	7	00	0	0	—	13.6	23	74	18	0	EL DABA
		ALEXANDRIA	20	11	50	00	0	0	—	12.6	25	74	20	40	8	15	00	0	0	—	14.3	23	89	21	0	ALEXANDRIA
	62316	FOUAD (Airport)	40	10	18	02	0	0	—	12.6	28	70	22	40	7	12	02	0	0	—	15.4	23	88	21	0	FOUAD (Airport)
	62330	DAMIETTA	40	5	15	00	0	0	—	13.0	26	74	21	20	2		00	0	0	—	13.0	24	94	23	0	DAMIETTA
	62333	PORT SAID	50	16	30	02	0	0	—	12.2	26	79	22	60	12	15	02	0	0	—	12.5	25	79	21	0	PORT SAID
	62336	EL 'ARISH	340	2	35	01	0	0	—	12.6	27	62	19	20	2	35	02	0	0	—	13.0	24	84	21	0	EL 'ARISH
LOWER EGYPT	62339	DAMANHUR	130	9	15	02	0	0	—	12.7	32	43	18	180	5	35	02	0	0	—	13.4	23	74	18	0	DAMANHUR
	62342	MANSURA	40	13	35	00	1	0	—	12.3	32	38	16	20	5		00	0	0	—	13.6	23	84	20	0	MANSURA
	62348	TANTA	90	5	35	02	1	0	—	12.1	33	38	17	90	2	35	02	0	0	—	13.3	23	74	18	0	TANTA
	62354	ZAGAZIG	140	2	50	00	0	0	—	11.5	33	44	19	40	2	35	00	0	0	—	12.4	23	89	21	0	ZAGAZIG
	62441	ISMAILIA	20	2		00	0	0	—	12.0	35	29	14	20	2	35	02	0	0	—	13.6	24	74	19	0	ISMAILIA
CAIRO AREA	62366	FAROUK (Airport)	340	6	30	00	0	0	—	11.1	34	27	12													FAROUK (Airport)
	62372	ALMAZA	360	9	30	00	0	0	—	10.6	34	47	21	40	9	18	00	0	0	—	12.0	27	58	19	0	ALMAZA
		EZBEKIYA	20	5	35	00	0	0	—	10.8	34	41	19	360	4	15	00	0	0	—	12.3	27	55	17	0	EZBEKIYA
		GIZA	20	5	35	00	0	0	—	11.6	33	39	17	360	4	15	00	0	0	—	12.6	28	61	19	0	GIZA
	62378	HELWAN	170	6	15	02	0	0	—	10.0	37	14	6	20	13	7	06	0	0	—	11.6	28	45	15	0	HELWAN
UPPER EGYPT	62381	FAIYUM	360	2	35	02	0	0	—	10.8	33	38	17	360	2	35	02	0	0	—	11.6	25	70	19	0	FAIYUM
	62387	MINYA	00	0	12	00	0	0	—	11.0	36	31	16	00	0	8	00	0	0	—	12.7	22	78	18	0	MINYA
	62393	ASYUT MANQABAD	00	0	30	00	0	0	—	10.6	33	34	15													ASYUT MANQABAD
	62399	NAG' HAMMADI	00	0	7	00	0	0	—	9.5	39	24	15	00	0		00	0	0	—	10.4	24	47	12	0	NAG' HAMMADI
	62402	QENA	130	2	50	00	0	0	—	9.9	37	22	12	90	2	7	00	0	0	—	10.8	27	37	11	0	QENA
	62405	LUXOR												00	0	12	00	0	0	—	10.4	31	15	1	0	LUXOR
	62414	ASWAN	140	5	50	00	0	0	—	8.0	40	12	5	140	6	50	00	0	0	—	9.5	35	18	7	0	ASWAN
OASES	62417	SIWA	00	0	35	00	0	0	—	15.0	32	49	20	00	0	35	00	0	0	—	15.4	27	55	17	0	SIWA
	62420	BAHARIYA	270	5	35	02	0	0	—	11.1	37	22	12	360	2	15	02	0	0	—	13.3	26	48	14	0	BAHARIYA
	62423	FARAFRA																								FARAFRA
	62432	DAKHLA	320	6	50	00	0	0	—	10.6	37	14	6	320	4	35	00	0	0	—	10.3	30	25	8	0	DAKHLA
	62435	KHARGA	00	0	35	00	0	0	—	10.3	40	17	11	40	1	15	00	0	0	—	10.3	30	38	14	0	KHARGA
RED SEA	62450	SUEZ	00	0	35	02	0	0	—	9.9	34	27	12	00	0	15	02	0	0	—	12.1	27	62	19	0	SUEZ
	62459	TOR	310	5	35	00	0	0	—	11.4	29	70	23	40	3	15	00	0	0	—	12.3	23	50	12	0	TOR
	62462	HURGHADA	00	0		00	0	0	—	10.8	30	66	23	180	1		00	0	0	—	11.1	25	47	13	0	HURGHADA
	62465	QUSEIR	20	9	15	02	0	0	—	11.9	28	70	22	40	5	15	02	0	0	—	12.0	26	16	20	0	QUSEIR
	62641	PORT SUDAN	10	10	30	02	0	0	—	9.1	31	84	28													PORT SUDAN
NORTH SUDAN	62600	WADI HALFA	110	2	30	00	0	0	—	6.7	40	8	0													WADI HALFA
	62640	ABU HAMAD	230	2	30	03	0	1	Cu	4.9	39	13	6													ABU HAMAD
	62660	KAREIMA	30	3	30	01	0	1	ac	4.1	39	16	9													KAREIMA
	62680	ATBARA	270	5	30	03	0	1	cu	3.5	39	23	14													ATBARA
	62721	KHARTUM	270	6	30	01	1	5	Cu, Ac	2.9	38	25	15													KHARTUM
	62730	KASSALA	180	2	30	00	0	1	Cu	3.4	38	29	17													KASSALA
CENTRAL SUDAN	62751	WAD MEDANI	360	5	35	02	1	4	Cu	3.1	36	35	18													WAD MEDANI
	62801	RENK																								RENK
	62802	ROSEIRES																								ROSEIRES
	62771	EL OBEID	270	16	30	02	2	5	Cu, Ci	2.3	35	30	15													EL OBEID
	62760	EL FASHER	110	7	30	03	1	7	Cu, Ac		36	22	11													EL FASHER
	62770	GENEINA	200	4	30	01	1	6	Cu, Ci		33	28	12													GENEINA
S SUDAN	62840	MALAKAL	200	13	30	01	2	7	Sc, Ac	10.3	30	59	21													MALAKAL
	62880	WAU	20	3	30	03	2	8	Cb, Ac	7.4	31	59	22													WAU
	62941	JUBA																								JUBA

AREA	INDEX NUMBER	STATION	0600 WIND DIRECTION	0600 WIND VELOCITY IN KNOTS	0600 VISIBILITY IN KILOMETRES	0600 PRESENT WEATHER	0600 PAST WEATHER	0600 CLOUD AMOUNT O-8	0600 CLOUD FORM	0600 BAR PRESSURE M.S.L. mbs	0600 BAR PRESSURE Diff. from normal mbs	0600 TEMPERATURES °C Dry Bulb	0600 TEMPERATURES °C MAXIMUM Yesterday	0600 TEMPERATURES °C MAXIMUM Diff. from normal	0600 TEMPERATURES °C MINIMUM Today	0600 TEMPERATURES °C MINIMUM Diff. from normal	0600 HUMIDITY %	0600 DEW POINT °C	RAINFALL mms. Past 24 hrs.	RAINFALL mms. Total From Oct. 1st	RAINFALL mms. Normal From Oct. 1st	STATION
MEDITERRANEAN	62300	SALUM	270	3	35	02	0	0	—	15.3		22			16		74	17	0	0		SALUM
	62303	SIDI BARANI	320	6	35	03	1	5	Cu	16.2		23	26		18		74	18	0	0		SIDI BARANI
	62306	MATRUH	310	7	14	00	0	0	—	15.1		22	26		15		74	17	0	0		MATRUH
	62309	EL DABA	180	1	15	00	0	0	—	15.3		18	27		13		95	18	0	0		EL DABA
		ALEXANDRIA	270	6	50	01	2	5	Sc, Ac	15.0	-1.6	24	27	-1	21	+1	74	17	0	0	3	ALEXANDRIA
	62316	FOUAD (Airport)	180	2	14	02	0	0	—	14.6		24	30		16		78	19	0	0	3	FOUAD (Airport)
	62330	DAMIETTA	320	2	3	03	1	6	Cu	14.4	-1.3	24	27		21		94	23	0	0	3	DAMIETTA
	62333	PORT SAID	330	3	12	01	0	4	Sc	13.8		25	27		24		84	22	0	0		PORT SAID
	62336	EL 'ARISH	220	2	35	02	0	0	—	13.5	-1.8	24	30	+2	16	-1	94	23	0	0	2	EL 'ARISH
LOWER EGYPT	62339	DAMANHUR	270	5	7	03	1	1	Cu	14.6	-1.8	22	33	+3	19	+2	89	20	0	0	2	DAMANHUR
	62342	MANSURA	220	5	35	01	1	3	Ac	14.6	-1.4	23	33	+2	20	+2	89	21	0	0	1	MANSURA
	62348	TANTA	220	2	35	01	1	3	Cu	15.5	-1.0	22	34	+3	16	0	89	20	0	0	1	TANTA
	62354	ZAGAZIG	320	2	15	02	2	8	Sc	14.3	-2.2	23	33	+2	18	+3	89	21	0	0	1	ZAGAZIG
	62441	ISMAILIA	270	2	35	01	1	6	—	15.4		23	36		19		84	20	0	0		ISMAILIA
CAIRO AREA	62366	FAROUK (Airport)																		0		FAROUK (Airport)
	62372	ALMAZA	00	0	10	03	2	7	St	15.0	-1.1	20	35		19		95	20	0	0		ALMAZA
		EZBEKIYA	360	2	7	00	0	7	Sc	15.4	-0.7	22	35	+5	20	+3	83	19	0	0	1	EZBEKIYA
		GIZA	360	2	7	00	0	7	Sc	15.9	-0.4	21	35	+5	20	+5	74	16	0	0	1	GIZA
	62378	HELWAN	320	2	3	10	2	7	St	15.8	-0.4	21	37	+7	20	+2	88	19	0	0	0	HELWAN
UPPER EGYPT	62381	FAIYUM	360	3	35	01	1	4	Sc, Cu	15.6	-0.4	23	36	+4	19	+2	84	20	0	0	0	FAIYUM
	62387	MINYA	360	5	10	00	0	0	—	14.7		23	37		16		69	17	0	0		MINYA
	62393	ASYUT MANQABAD	300	3	30	00	0	0	—	14.7		23			20		78	19	0	0		ASYUT MANQABAD
	62399	NAG' HAMMADI	00	0	3	00	0	0	—	14.4	+0.5	26	40		16		37	10	0	0		NAG' HAMMADI
	62402	QENA	290	9	35	00	0	0	—	14.2	+0.6	24	39	+4	19	+1	41	10	0	0		QENA
	62405	LUXOR											39							0		LUXOR
	62414	ASWAN	360	3	50	00	0	0	—	12.8	-0.1	27	41	+4	22	+1	20	2	0	0		ASWAN
OASES	62417	SIWA	00	0	35	00	0	0	—	17.6	0.0	23	32	0	15	+1	61	15	0	0	0	SIWA
	62420	BAHARIYA	00	0	35	02	0	0	—	15.2	-1.5	22	37	+6	16	0	83	19	0	0	0	BAHARIYA
	62423	FARAFRA																				FARAFRA
	62432	DAKHLA	00	0	35	00	0	0	—	13.8	-1.6	26	39	+5	20	+3	42	12	0	0		DAKHLA
	62435	KHARGA	00	0	35	00	0	0	—	13.4	-1.1	26	40	+6	20	+2	51	15	0	0		KHARGA
RED SEA	62450	SUEZ	360	5	35	00	0	1	Cu	13.9	-1.2	22	37	+6	18	-1	83	17	0	0	1	SUEZ
	62459	TOR	40	6	35	00	0	0	—	12.4	-1.2	25	32	+2	18	0	30	6	0	0	0	TOR
	62462	HURGHADA	270	1		00	0	0	—	11.8		27	31		24?		20	2	0	0		HURGHADA
	62465	QUSEIR	330	5	15	02	0	0	—	11.7	-1.6	25	29	-2	20	-3	28	5	0	0	0	QUSEIR
	62641	PORT SUDAN	270	4	30	03	1	4	Cu	12.1		29	32		25		84	26	0	0	6	PORT SUDAN
NORTH SUDAN	62600	WADI HALFA	00	0	30	00	0	0	—	11.0		25	41		19		19	0	0	0		WADI HALFA
	62640	ABU HAMAD	90	1	30	03	0	2	Ci	10.1		28	40		21		25	6	0	0		ABU HAMAD
	62660	KAREIMA	40	1	30	01	0	4	Ci	9.6		29	40		25		35	12	0	dr.	1	KAREIMA
	62680	ATBARA	270	5	30	02	1	4	Ci	8.6		29	39		25		52	18	0	0	1	ATBARA
	62721	KHARTUM	230	3	30	02	6	6	Ac	9.0		28	39		25		58	19	8	10	2	KHARTUM
	62730	KASSALA	180	5	30	00	0	0	—	11.4		27	40		23		66	20	0	dr.	4	KASSALA
CENTRAL SUDAN	62751	WAD MEDANI	140	9	50	02	1	7	Ci	11.2		25	37		21		79	21	dr.	1	6	WAD MEDANI
	62801	RENK	140	5	50	02	1	6	Sc	11.0		22	32		19		94	21	9		22	RENK
	62802	ROSEIRES	240	2	35	02	0	0	—			23	34		23		64	20	0	42	15	ROSEIRES
	62771	EL OBEID	70	4	30	01	8	6	Sc, Cu	10.6		24	37		21		38	9	16	18	8	EL OBEID
	62760	EL FASHER	290	5	30	02	1	7	Ac			23	37		21		61	15	1	1	4	EL FASHER
	62770	GENEINA	90	1	30	02	2	7	Ac			22	34		21		63	19	dr.	dr	4	GENEINA
S SUDAN	62840	MALAKAL	110	2	30	02	2	8	Sc, Ci	11.5		23	30		19		89	21	dr.	37	52	MALAKAL
	62880	WAU																	15	107	75	WAU
	62941	JUBA	00	0	30	03	2	8	Sc	13.3		24	32		20		84	21	2	23	53	JUBA

HUMIDITY

Mean of day

STATION	16th	Diff. from normal
Alexandria	82	+14
Ezbekiya	64	-2
Giza	64	-4
Helwan	51	-2

GIZA
GRASS MINIMUM TEMP.
ON 17th 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 16th

STATION	Port Said				Heliopolis				Matruh															
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	40	23			160	4			60	7														
600	80	17			140	12			310	10														
1000	130	8			160	12			230	6														
1500	180	8			120	6			310	9														
2000	170	9			200	5			300	12														
3000	200	16			270	12			260	5														
4000	210	27							240	28														
5000	220	28																						
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 17th

STATION	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SAID		EL 'ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA	
TIME	9		4				3				9				10				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	320	17	250	16			340	10			320	10			320	14			350	9	70	6
600	310	17	260	15			260	10			310	9			350	15			80	23	90	8
1000	290	15	270	12							290	14			340	14			90	20	50	6
1500	270	17	230	13							260	15			320	5			110	19	130	8
2000			240	21											200	3					200	6
3000			250	18											200	12					200	13
4000															190	15					200	15
5000																					150	15
6000																					220	6
7000																					160	16
8000																					190	16

STATION	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME	9		9		9		7		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	8	10	28	350	8	360	11	70	4														
600	320	10	10	24	360	12	360	19	60	7													100	5
1000	310	10	10	23	10	14	360	20	80	5											70	6	300	2
1500	270	10	360	23	10	10			20	11											10	2	00	0
2000	250	19	360	30																	200	1		
3000	260	27							30	12													120	9
4000	280	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.

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CAIRO
Time of Sunrise 03 59 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 October, , 1949

At 1200 on Tues. 18th

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
62390	SALUM	40	15	35	03	0	4	Cu	17.1	23	61	15
62305	SIDI BARANI	320	9	35	01	0	3	Cu	17.8	24	54	14
62306	MATRUH	360	11	18	02	2	3	Cu	16.7	24	44	11
62309	EL DABA	340	11	35	01	1	2	Cu	1..	24	54	14
	ALEXANDRIA	330	13	50	01	1	3	Sc,Cu	16.3	24	47	12
62415	FOUAD (Airport)	300	10	18	02	0	0	—	16.2	25	84	22
62380	DAMIETTA	340	5	15	02	1	4	Cu	15.8	24	69	18
62393	PORT SAID	10	8	30	02	0	1	Sc	15.6	25	65	18
62396	EL ARISH	320	2	35	03	1	4	Cu	15.9	26	62	18
62339	DAMANHUR	360	9	15	02	1	3	Cu	16.7	25	61	11
62342	MANSURA	320	9	15	03	2	6	Sc,Cu	15.6	27	52	16
62345	TANTA	360	5	35	01	1	5	Cu	15.3	29	52	18
62354	ZAGAZIG	320	5	35	02	1	4	Ac	15.2	28	52	17
62441	ISMAILIA	40	2	35	03	1	5	Cu	14.6	28	62	17
62366	FAROUK (Airport)											
62372	ALMAZA	360	8	30	02	1	2	Cu	15.1	28	49	16
	EZBEKIYA	340	4	35	00	0	1	Cu	15.1	29	46	16
	GIZA	340	4	35	00	0	1	Cu	15.6	28	44	15
62378	HELWAN	360	10	15	03	1	3	Cl.	14.3	28	45	16
62351	FAIYUM	360	5	35	01	0	0	—	14.3	29	40	14
62387	MINYA	20	13	12	00	0	0	—	13.8	30	43	16
62393	ASYUT MANQABAD											
62399	NAG HAMMADI	270	2	15	00	0	0	—	10.0	34	41	19
62402	QENA	320	2	50	00	0	0	—	10.7	36	29	15
62405	LUXOR	330	6	30	00	0	0	—	9.8	36	19	9
62414	ASWAN	340	8	50	00	0	0	—	8.0	38	17	9
62417	SIWA	290	7	35	00	0	0	—	18.8	27	35	19
62420	BAHARIYA	360	3	35	01	1	3	Ac	15.2	29	46	16
62423	FARAFRA											
62432	DAKHLA	320	6	50	00	0	0	—		33	16	4
62435	KHARGA	20	5	35	00	0	0	—	11.8	35	15	5
62450	SUEZ	00	0	35	01	0	0	—	13.5	28	52	17
62459	TOR	310	10	35	00	0	0	—	10.0	29	66	22
62462	HURGHADA	340	13		00	0	0	—	10.9	28	62	20
62465	QUSEIR	20	9	15	02	0	0	—	10.2	30	46	17
62641	PORT SUDAN	40	6	30	00	1	0	—	8.6	34	59	25
62600	WADI HALFA	50	10	30	03	0	1	Ac	6.8	38	11	3
62640	ABU HAMAD	130	1	30	03	0	2	Cu,Ac	4.1	39	13	6
62660	KAREIMA	340	5	30	00	0	2	Ac	5.1	39	12	4
62680	ATBARA	350	5	30	03	0	2	Cu	3.5	39	26	16
62721	KHARTUM	350	3	30	03	1	3	Cu,Ac	3.4	38	21	12
62780	KASSALA	00	0	30	03	0	2	Cu	2.2	39	26	16
62751	WAD MEDANI	270	5	35	02	1	4	Cu	3.2	37	27	15
62801	RENK	270	9	50	02	1	4	Cu	4.3	35	44	21
62802	ROSEIRES											
62771	EL OBEID	00	0	30	03	0	5	Cb.	4.0	36	27	14
62760	EL FASHER	110	3	30	03	1		Cu,Ac		34	29	13
62770	GENEINA	70	15	30	02	2	7	Ac.		34	9	-3
62840	MALAKAL	180	9	30	02	2	7	Cu,Ac	6.9	31		
62880	WAU											
62941	JUBA	70	2	30	03	2	6	Cu,Ac	6.2	32	52	21

At 1800 on Tues. 18th

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.
62390	SALUM												
62305	SIDI BARANI	320	9	15	01	0	2	Cu	18.0	20	73	15	0
62306	MATRUH	360	8	12	01	1	1	Cu	17.4	20	60	12	0
62309	EL DABA	320	4	7	00	0	0	—	16.0	20	56	11	0
	ALEXANDRIA	310	10	7	02	1	..	Sc,Cu		22	57	13	0
62415	FOUAD (Airport)	320	4	18	03	1	4	Sc	16.7	20	69	14	0
62380	DAMIETTA	320	2		01	0	0	—	16.0	22	74	17	0
62393	PORT SAID	360	6	18	02	0	0	—	15.9	23	65	16	0
62396	EL ARISH	340	5	15	01	0	0	—	15.8	24	69	18	0
62339	DAMANHUR	360	5	7	02	1	0	—	16.4	19	88	17	0
62342	MANSURA	360	5		00	1	0	—	16.2	21	74	16	0
62345	TANTA	00	0	35	02	1	0	—	17.0	20	73	15	0
62354	ZAGAZIG	40	2	35	00	1	0	—	16.2	21	83	18	0
62441	ISMAILIA	40	2	35	01	0	0	—	15.4	22	74	17	0
62366	FAROUK (Airport)												
62372	ALMAZA	10	11	12	00	0	0	—	15.6	23	63	16	0
	EZBEKIYA	340	2	15	00	0	0	—	16.3	22	69	16	0
	GIZA	340	2	15	00	0	0	—	15.9	23	63	16	0
62378	HELWAN	340	16	15	01	1	1	Cu	15.5	24	54	14	0
62351	FAIYUM	360	5	35	03	0	0	—	14.6	23	65	16	0
62387	MINYA	00	0	10	00	0	0	—	14.6	21	65	14	0
62393	ASYUT MANQABAD												
62399	NAG HAMMADI	00	0		00	0	0	—	10.0	25	54	15	0
62402	QENA	290	5	7	00	0	0	—	10.8	29	23	6	0
62405	LUXOR	00	0	12	00	0	0	—	10.3	29	29	7	0
62414	ASWAN	360	6	50	00	0	0	—	9.3	34	22	9	0
62417	SIWA	00	0	35	00	0	0	—	18.3	20	64	13	0
62420	BAHARIYA	360	3	15	02	1	0	—	16.0	23	50	12	0
62423	FARAFRA												
62432	DAKHLA	320	8	35	00	0	0	—	13.4	25	39	10	0
62435	KHARGA	360	4	15	00	0	0	—	12.0	28	29	8	0
62450	SUEZ	00	0	15	02	0	0	—	14.4	23	74	18	0
62459	TOR	310	9	15	00	0	0	—	11.6	26	62	18	0
62462	HURGHADA	300	16		00	0	0	—	10.3	27	49	16	0
62465	QUSEIR	360	9	15	02	0	0	—		26	62	18	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 Wednesday 19th October.

INDEX NUMBER	STATION	WIND 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	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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.
62390	SALUM																	0		
62305	SIDI BARANI	200	4	35	03	0	3	Cu	18.0		18	24		13		83	15	0	0	
62306	MATRUH	290	6	12	02	2	5	Sc	17.3		20	25		14		60	12	0	0	
62309	EL DABA	270	4	15	03	2	4	Cb	17.6		18	25		18		73	13	0	0	
	ALEXANDRIA	130	8	35	02	6	6	Cb	17.5	+0.7	20	26	-2	19	-1	64	13	dr.	dr.	3
62415	FOUAD (Airport)	260	5	14	01	2	6	Cu,Ac	16.9		19	26		15		78	15	0	0	3
62380	DAMIETTA	200	2	3	03	0	2	Cu	17.2	+1.4	22	25		15		74	17	0	0	3
62393	PORT SAID	330	2	30	02	0	1	Cu	16.7		23	25		20		50	12	0	0	
62396	EL ARISH	00	0	35	00	1	1	Ca	16.7	+1.4	24	27	-1	18	+1	69	18	0	0	2
62339	DAMANHUR	270	5	3	02	0	0	—	17.1	+0.6	19	26	-4	15	-2	83	16	0	0	2
62342	MANSURA	40	5	35	00	0	0	—	17.2	+1.1	22	29	-1	16	-1	65	15	0	0	1
62345	TANTA	00	0	35	02	0	0	—	18.0	+1.4	17	29	-1	11	0	88	15	0	0	1
62354	ZAGAZIG	320	2	15	00	0	0	—	17.1	+0.5	21	30	0	15	0	74	16	0	0	1
62441	ISMAILIA	320	2	35	00	1	2	Cu	11.4		23	30		17		61	15	0	0	
62366	FAROUK (Airport)																	0	0	
62372	ALMAZA	360	4	0.8	47	4	9	St.	17.2	+1.0	19	29		18		95	19	0	0	
	EZBEKIYA	00	0	15	00	0	0	—	17.2	+1.0	20	29	-1	17	0	64	13	0	0	1
	GIZA	00	0	15	00	0	0	—	17.4	+1.0	20	29	0	16	+1	69	14	0	0	1
62378	HELWAN	00	0	15	00	0	0	—	17.4	+1.0	20	28	-2	17	-1	64	13	0	0	0
62351	FAIYUM	360	5	35	02	0	0	—	17.4	+1.2	21	29	-2	16	-1	65	14	0	0	0
62387	MINYA	360	9	10	00	0	0	—	16.7		20	30		15		64	13	0	0	
62393	ASYUT MANQABAD	300	5	30	00	0	0	—	16.2		21			19		65	14	0	0	
62399	NAG HAMMADI	320	1	3	00	0	0	—	14.6	+0.5	25	36		18		70	19	0	0	
62402	QENA	270	5	35	00	0	0	—	14.3	+0.6	25	37	+3	21	+3	54	15	0	0	
62405	LUXOR	00	0	30	00	0	0	—	13.5		27	37		18		30	8	0	0	
62414	ASWAN	360	9	50	03	1	3	Ac	13.4	+0.4	25	39	+3	24	+3	45	12	0	0	
62417	SIWA	00	0	35	00	0	0	—	19.5	+1.8	19	28	-4	12	-2	52	9	0	0	0
62420	BAHARIYA	360	4	35	02	0	0	—	17.6	+0.8	19	30	-1	14	-2	73	14	0	0	0
62423	FARAFRA																			
62432	DAKHLA	00	0	35	00	0	0	—	16.0	+0.5	24	35	+2	20	+3	47	12	0	0	
62435	KHARGA	20	2	35	00	0	0	—	15.5	+0.9	23	37	+3	20	+2	50	12	0	0	
62450	SUEZ	00	0	35	00	0	1	Cu	15.5	+0.2	23	30	-1	19	0	65	16	0	0	1
62459	TOR	310	13	35	00	0	0	—	13.2	-0.6	24	29	0	18	0	69	18	0	0	0
62462	HURGHADA	310	19		00	0	0	—	12.3		24	28		20		74	19	0	0	
62465	QUSEIR	330	9	15	02	0	0	—			27	29	-1	24	+1	52	16	0	0	0
62641	PORT SUDAN	310	4	30	02	0	2	Cu	11.0		30	35		23		79	26	0	0	7
62600	WADI HALFA																	0		
62640	ABU HAMAD	130	5	30	03	0	1	Ac,Cu	8.5		29	40		25		25	7	0	0	
62660	KAREIMA	20	3	30	00	0	1	Cu	8.6		28	40		23		15	-1	0	dr.	1
62680	ATBARA	270	2	30	03	1	5	Cu	7.5		30	40		24		38	14	0	0	1
62721	KHARTUM	260	12	30	02	0	3	Ac,Cu	8.3		29	40		29		52	18	0	11	2
62780	KASSALA																	0	dr.	5
62751	WAD MEDANI	290	5	50	02	6	9	Ac	10.0		24	39		22		84	21	3	7	6
62801	RENK	50	9	50	02	1	4	Sc	10.8		26	36		20		70	20	0		25
62802	ROSEIRES	50	2	35	02	1	4	Ac	12.8			34		19				5	47	17
62771	EL OBEID	200	9	30	02	2	8	Ac	11.2		24	36		22		74	19	6	24	9
62760	EL FASHER	150	3	30	02	1	7	Cu,Ac			24	35		22		65	17	0.2	1	5
62770	GENEINA	50	1	30	00	0	1	Cu			22	36		16		50	11	0	dr.	4
62840	MALAKAL	340	9	30	02	2	7	Ac	13.6		23	32		22		84	20	0	37	56
62880	WAU																	42	149	85
62941	JUBA																	1	29	59

HUMIDITY

Mean of day

STATION	On	Diff. from normal
Alexandria	58	-10
Ezbekiya	72	+6
Giza	72	+4
Helwan	59	+6

GIZA
GRASS MINIMUM TEMP.
On 19th 11.0 °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 18th At 15h AIRPORT						On At AIRPORT						On At AIRPORT					
PRESSURE mbs	HEIGHT ABOVE M.S.L. Metres	TEMP. °C	HUMID. %	WIND DIR.	WIND VEL.	PRESSURE mbs	HEIGHT ABOVE M.S.L. FEET	TEMP. °C	HUMID. %	WIND DIR.	WIND VEL.	PRESSURE mbs	HEIGHT ABOVE M.S.L. FEET	TEMP. °C	HUMID. %	WIND DIR.	WIND VEL.
1000	132	27		360	10	1000						1000					
950						950						950					
900						900						900					
850	1535	18		320	10	850						850					
800						800						800					
700	3162	6		250	24	700						700					
600						600						600					
500	5830	-9		270	16	500						500					
400		-19				400						400					
300						300						300					

UPPER WIND OBSERVATIONS on 18th

STATION	Matruh				Port Said				Hurghada															
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	300	11			350	10			340	43														
600	320	10			340	9			340	33														
1000	320	12			290	5			340	30														
1500	320	15			250	16			320	13														
2000	300	16			270	21			210	4														
3000	270	17			240	21			170	10														
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 19th

STATION	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SAID		EL ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA			
TIME	9		4 30				4				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.
300	310	8	300	10			350	3			20	23							10	20	310	23		
600	310	9					320	5			20	29							10	25	300	20		
1000	300	8					340	7			30	12							20	27	280	17		
1500	250	5					270	9			40	7							40	16	270	1		
2000	270	5					220	17			100	8							70	6				
3000	260	5					240	10			200	12							150	26				
4000	280	4					210	11			250	19												
5000	270	4					230	5																
6000							250	26																
7000							260	17																
8000							260	15																

STATION	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME	9		9		9		7		3						4				4		5			
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	160	4	350	24	30	07	20	14	10	21														
600	130	4	340		20	16	20	21	30	25					240	13								
1000	270	6	330		10	20	10	22	30	25					270	14			150	17	130	7		
1500	240	15			360	17			30	21					330	4			140	9	100	13		
2000	340	14																	30	7				
3000	360	5																	60	14	10	11		
4000	270	9																			10	14		
5000	200	14																						
6000																								
7000																								
8000																								

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

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

Note: All times G. M. T.

CAIRO
Time of Sunrise 03 59 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 : Tuesday 18th October, 1949

At 1200 on Mon. 17th

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs	Temperature °C	Humidity %	Dew point °C
Mediterranean	62300	SALÛM	40	12	35	03	0	4	Ci	14.8	24	69	18
	62303	SÎDI BARÂNI	320	6	35	01	0	2	Cu	15.9	24	69	18
	62306	MATRÛH	10	10	18	03	1	5	Sc	15.1	24	69	18
	62309	EL DABʻA	20	9	35	00	0	0	—	14.2	25	61	17
		ALEXANDRIA	310	10	50	00	0	0	—	14.4	25	70	19
	62318	FOUAD (Airport)	340	9	18	02	0	0	—	14.2	26	62	19
	62330	DAMIETTA	320	2	15	01	0	0	—	13.8	26	70	20
	62333	PORT SAʻÎD	340	14	30	02	1	1	Sc	13.2	26	74	21
	62336	EL ʻARÎSH	300	2	35	02	0	0	—	13.0	27	79	23
Lower Egypt	62339	DAMANHÛR	40	13	15	02	0	0	—	14.4	27	55	17
	62342	MANSÛRA	320	9	35	00	1	0	—	13.5	30	46	17
	62348	TANTA	310	5	35	02	1	0	—	13.3	31	43	17
	62354	ZAGAZIG	320	5	35	00	1	0	—	13.4	31	38	15
	62441	ISMAʻILIA	320	2	35	02	0	0	—	12.4	32	38	16
Cairo Area	62366	FAROUK (Airport)	320	12	30	00	0	0	—	13.5	31	43	17
	62372	ALMÂZA	320	10	30	00	0	0	—	13.4	29	55	19
		EZBEKÎYA	360	3	35	00	0	0	—	13.4	32	26	10
		GÎZA	360	3	35	00	0	0	—	13.9	32	42	18
	62378	HELWÂN	320	14	35	02	0	0	—	13.0	31	28	10
Upper Egypt	62381	FAIYÛM	360	5	35	02	0	0	—	13.1	31	38	15
	62387	MINYA	20	10	12	00	0	0	—	12.8	32	38	16
	62393	ASYÛT Manqabad											
	62399	NAGʻ HAMMADI	00	0	7	00	0	0	—	10.2	33	44	19
	62402	QENA	240	2	50	00	0	0	—	10.8	34	30	14
	62405	LUXOR	360	5	30	00	0	0	—	9.1	38	10	1
	62414	ASWÂN	270	4	50	00	0	0	—	8.7	39	14	7
Oases	62417	SÎWA	320	5	35	00	0	0	—	16.7	31	49	19
	62420	BAHARÎYA	360	5	35	02	0	0	—	13.3	33	21	8
	62423	FARAFRA											
	62432	DAKHLA	340	10	50	00	0	0	—		36	13	4
	62435	KHARGA	20	1	35	00	0	0	—	11.4	36	19	9
Red Sea	62450	SUEZ	00	0	35	01	0	0	—	11.5	33	34	15
	62459	TÔR	310	5	35	00	0	0	—	10.8	30	59	21
	62462	HURGHÂDA	360	1		00	0	0	—	10.7	28	74	23
	62465	QUSEIR	20	5	15	02	0	0	—	10.6	28	70	22
	62641	PORT SUDÂN		9	30	01	1	1	Cu	8.3	32	74	27
North Sudân	62600	WÂDI HALFA	230	1	30	00	0	0	—	7.2	38	15	7
	62640	ABU HAMAD	270	1	30	03	1	4	Ac	5.2	37		
	62660	KAREIMA	360	1	30	01	1	4	Ac	5.0	38	17	9
	62680	ʻATBARA		5	30	03	1	7	St	3.7	39	23	14
	62721	KHARTUM	270	5	30	02	2	6	Sc,Cu	4.7	36	29	15
	62730	KASSALA	180	2	30	00	0	1	Cu	4.4	36	35	18
Central Sudân	62751	WAD MEDANI		5	35	02	1	6	Ci	5.8	35	37	18
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	00	0	30	02	1	6	Cu,Ac	6.2	31	29	11
	62760	EL FASHER	150	3	30	03	1	7	Sc		34	22	9
	62770	GENEINA	200	7	30	02	1	7	Sc		31	36	14
S. Sudân	62840	MALAKÂL	180	4	30	03	2	7	Cu,Ac	7.8	30	59	21
	62880	WÂU	200	1	30	03	1	7	Cu,Ac	7.1	31	55	21
	62941	JUBA	50	5	30	03	2	8	Cb,Ac,Cu	6.4	31	55	21

At 1800 on Mon. 17th

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs	Temperature °C	Humidity %	Dew point °C	Rain past 12 hrs mms
SALÛM	360	8	15	02	0	0	—	16.7	21	65	14	0
SÎDI BARÂNI	320	5	15	03	0	3	Cu	17.0	21	83	18	0
MATRÛH	10	6	12	03	2	5	Sc	16.7	22	69	16	0
EL DABʻA	340	5	7	01	1	2	Cu		22	83	19	0
ALEXANDRIA	360	11	3?	01	1	5	Cu	16.3	23	74	18	0
FOUAD (Airport)	360	6	12	02	0	2	Sc	15.7	22	83	19	0
DAMIETTA	320	2		00	0	0	—	14.3	23	84	20	0
PORT SAʻÎD	340	11	14	01	0	0	—	14.6	24	79	20	0
EL ʻARÎSH	320	2	15	02	0	0	—	14.0	25	74	20	0
DAMANHÛR	40	9	15	02	0	0	—	15.9	21	83	18	0
MANSÛRA	360	9		00	0	0	—	15.5	22	83	19	0
TANTA	270	2	35	02	0	0	—	15.8	21	83	18	0
ZAGAZIG	320	2	35	00	0	0	—	15.5	22	83	19	0
ISMAʻILIA	40	2	35	02	0	0	—	14.3	23	74	18	0
FAROUK (Airport)												
ALMÂZA	330	12	30	00	0	0	—	13.3	26	62	19	0
EZBEKÎYA	340	3	15	00	0	0	—	15.4	25	54	15	0
GÎZA	340	3	15	00	0	0	—	15.5	25	56	15	0
HELWÂN	340	8	15	02	0	0	—	14.7	26	42	12	0
FAIYÛM	360	2	35	02	0	0	—	14.3	24	54	14	0
MINYA	20	3	10	00	0	0	—	14.1	25	39	10	0
ASYÛT Manqabad												
NAGʻ HAMMADI	00	0		00	0	0	—	10.7	27	55	17	0
QENA	220	2	7	00	0	0	—	10.6	27	52	16	0
LUXOR	150	8	12	00	0	0	—	10.3	30	24	7	0
ASWÂN	360	4	50	00	0	0	—	9.5	34	18	6	0
SÎWA	00	0	35	00	0	0	—	17.0	29	[illegible]	22	0
BAHARÎYA	360	1	15	02	0	0	—	14.8	26	37	10	0
FARAFRA												
DAKHLA	320	6	35	00	0	0	—	12.3	31	17	3	0
KHARGA	20	3	15	00	0	0	—	11.8	27	42	13	0
SUEZ	360	4	15	02	0	0	—	13.5	25	74	20	0
TÔR	310	3	15	00	0	0	—	11.9	25	74	20	0
HURGHÂDA	00	0		00	0	0	—	10.8	25	74	20	0
QUSEIR	360	5	15	02	0	0	—	10.2	26	48	14	·

At 0600 on Tuesday 18th October.

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. M.S.L. mbs.	Bar. Diff. from normal mbs.	Dry Bulb	Max. Yesterday	Max. Diff. from normal	Min. Today	Min. Diff. from normal	Humidity %	Dew point °C	Rain Past 24 hrs.	Rain Total from Oct. 1st	Rain Normal from Oct. 1st	Station
SALÛM	270	10	15	03	0	1	Cu	17.6		19	25		18		64	12	0	0		SALUM
SÎDI BARÂNI	290	9	35	03	1	5	Cu	17.9		21	25		19		65	14	0	0		SÎDI BARÂNI
MATRÛH	310	9	12	02	2	6	Sc	17.8		20	26		16		56	11	0	0		MATRÛH
EL DABʻA	270	5	15	01	1	1	Cu	16.7?		21	26		17		74	16	0	0		EL DABʻA
ALEXANDRIA	310	10				5	St.	17.5	+0.8	23	27	-1	21	+1	61	15	0	0	3	ALEXANDRIA
FOUAD (Airport)	340	6	14	01	2	5	Cu	17.2		23	28		23		65	16	0	0	3	FOUAD (Airport)
DAMIETTA	340	5	7	03	1	4	Cu	17.0	+1.3	24	28		18		69	18	0	0	3	DAMIETTA
PORT SAʻÎD	310	6	12	02	0	4	Sc	16.4		24	28		22		79	20	0	0		PORT SAʻÎD
EL ʻARÎSH	00	0	35	00	1	1	Cu	16.2	+0.9	25	29	+1	17	0	74	20	0	0	2	EL ʻARÎSH
DAMANHÛR	40	5	7	02	0	0	—	17.2	+0.7	21	28	-2	16	-1	88	19	0	0	2	DAMANHÛR
MANSÛRA	360	5	35	00	0	0	—	17.1	+1.1	23	32	+1	18	+1	74	18	0	0	1	MANSÛRA
TANTA	270	2	35	02	1	0	—	17.5	+1.0	22	31	+1	14	-2	83	19	0	0	1	TANTA
ZAGAZIG	220	2	15	00	0	0	—	17.0	+0.5	22	32	+2	17	+2	83	19	0	0	1	ZAGAZIG
ISMAʻILIA	290	2	35	01	1	3	Ac	16.4		22	33		19		83	19	0	0		ISMAÎLIA
FAROUK (Airport)																		0		FAROUK (Airport)
ALMÂZA																		0		ALMÂZA
EZBEKÎYA	360	2	7	00	0	7	Sc	17.1	+1.0	21	33	+3	19	+2	88	19	0	0	1	EZBEKÎYA
GÎZA	360	2	7	00	0	7	Sc.	17.3	+1.0	19	33	+4	18	+1	93	17	0	0	1	GÎZA
HELWÂN	20	10	7	00	0	1	St	16.9	+0.6	22	32	+2	19	+1	74	17	0	0	0	HELWÂN
FAIYÛM	360	5	35	03	0	3	Sc,Cu	17.1	+1.1	22	32	+1	18	+1	83	19	0	0	0	FAIYÛM
MINYA	360	8	10	00	0	0	—	15.2		20	33		16		83	17	0	0		MINYA
ASYÛT Manqabad	00	0	30	00	0	0	—	15.2		24			19		54	14	0	0		ASYÛT Manqabad
NAGʻ HAMMADI	00	0	7	00	0	0	—	13.5	-0.5	26	34		19		62	18	0	0		NAGʻ HAMMÂDI
QENA	270	5	35	00	0	0	—	13.6	0.0	24	36	+1	20	+2	26	3	0	0		QENA
LUXOR											38						0	0		LUXOR
ASWÂN	360	6	50	00	0	0	—	12.6	-0.4	26	40	+4	22	+1	42	12	0	0		ASWÂN
SÎWA	00	0	35	00	0	0	—	19.8	+2.1	20	32	0	16	+2	83	17	0	0	0	SÎWA
BAHARÎYA	360	3	35	02	1	5	Ac	17.0	+0.3	21	34	+3	18	+2	83	18	0	0	0	BAHARÎYA
FARAFRA																				FARAFRA
DAKHLA	270	3	35	00	0	0	—			25	40?	+6	17	0	34	8	0	0		DAKHLA
KHARGA	20	6	35	00	0	0	—	13.5	-1.0	28	37	+3	20	+2	29	8	0	0		KHARGA
SUEZ	00	0	15	00	0	2	Cu	15.6	+0.4	21	34	+3	19	0	88	19	0	0	1	SUEZ
TÔR	310	12	35	00	0	0	—	12.5	-1.2	24	32	+3	19	+1	69	18	0	0	0	TÔR
HURGHÂDA	300	5		00	0	0	—	12.3		26	29		21		58	17	0	0		HURGHADA
QUSEIR	360	9	15	02	0	0	—	12.2	-1.2	24	29	-2	21	-2	61	16	0	0	0	QUSEIR
PORT SUDÂN	00	0	30	02	1	5	Cu,Ac	11.4		31	33		25		79	27	0	0	7	PORT SÛDÂN
WÂDI HALFA	10	11	30	00	0	0	—	10.8		26	41		22		32	7	0	0		WÂDI HALFA
ABU HAMAD	130	1	30	03	0	1	Ac	8.3		30	38		22		18	3	0	0		ABU HAMAD
KAREIMA	180	1	30	00	0	1	Ac	8.5		29	39		23		37	13	0	dr.	1	KAREIMA
ʻATBARA	20	5	30	01	0	1	Ac	8.4		30	40		25		49	18	0	0	1	ʻATBARA
KHARTUM	00	0	30	01	2	5	Cb,Ac	7.1		29	37		27		52	18	1	11	2	KHARTUM
KASSALA	160	5	30	00	0	0	—	8.4		29	38		24		59	20	0	dr	4	KASSALA
WAD MEDANI	310	9	50	02	8	7	Ac	8.0		36	36		24		44	22	3	4	6	WÂD MEDANI
RENK																			24	RENK
ROSEIRES																	0	42	16	ROSEIRES
EL OBEID	360	3	30	01	0	1	Ci	9.7		27	33		23		58	18	0	18	9	EL OBEID
EL FASHER	00	0	30	02	1	7	Ac			26	35		24		55	16	dr.	1	5	EL FÂSHER
GENEINA	90	1	30	02	2	8	Ac			23	31		22		78	19	dr.	dr.	4	GENEINA
MALAKÂL	340	2	30	03	1	6	Sc,Ac	10.8		26	31		21		84	23	0	37	54	MALAKÂL
WÂU	180	1	30	00	1	2	Ac	11.9		24	32		21		84	21	dr	107	80	WÂU
JUBA																	5	28	56	JUBA

HUMIDITY % Mean of day

Station	on 17th	Diff. from normal
Alexandria	75	+7
Ezbekîya	63	-3
Gîza	59	-9
Helwân	60	+7

GÎZA
GRASS MINIMUM TEMP
ON 18th 13.2 °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 17th At /54

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	115	30	29	360	12
950					
900					
850	1535	18	20	320	16
800					
700	3165	8	18	230	28
600					
500	5852	-9		220	43
400		-20			
300	7611	-34			

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 17th

Station	Port Said		Hurghada	
Time	15		15	
Height m.	Dir.	Vel.	Dir.	Vel.
300	310	20	150	4
600	320	23	120	7
1000	310	24	90	7
1500	310	23	120	7
2000	270	23	120	7
3000	220	16	360	3
4000			270	10
5000				
6000				
7000				
8000				

UPPER WIND OBSERVATIONS on 18th

Station	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAʻÎD		EL ʻARÎSH		HELWÂN		MINYA		ASYÛT MANQABAD		LUXOR		ASWÂN		HURGHADA			
Time	9		4	30			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	310	12	300	15			330	8													340	31		
600	320	16	310	16			330	7													320	27		
1000	310	18																			320	22		
1500	310	17																			320	12		
2000																					170	9		
3000																					210	11		
4000																					210	13		
5000																					180	12		
6000																					260	14		
7000																								
8000																								

Station	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
Time	9		9		9		7		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	360	9	360	26	10	30	20	22	10	9														
600	350	8	20	19	10	19	20	29	80	10					340	12	190	7					250	3
1000	350	10	40	8	30	7	10	28	90	12					320	10	60	2			110	3	260	9
1500	320	13	360	14			350	12	80	18					320	5	140	6			50	11	280	6
2000	290	12	290	16			20	6							200	9							200	3
3000	260	17							20	10					70	9	360	17			60	19	100	12
4000	260	12													70	5								
5000	280	14																						
6000	270	17																						
7000	270	18																						
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.

CAIRO
Time of Sunrise 04 00 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: Thursday 20th October, 1949

At 1200 on Wednes. 19th — At 1800 on Wednes. 19th

Index Number	Station	1200 Wind Direction	1200 Wind Velocity in knots	1200 Visibility in km	1200 Present Weather	1200 Past Weather	1200 Cloud Amount 0-8	1200 Cloud Form	1200 Bar. Pressure M.S.L. mbs	1200 Temperature °C	1200 Humidity %	1200 Dew Point °C	1800 Wind Direction	1800 Wind Velocity in knots	1800 Visibility in km	1800 Present Weather	1800 Past Weather	1800 Cloud Amount 0-8	1800 Cloud Form	1800 Bar. Pressure M.S.L. mbs	1800 Temperature °C	1800 Humidity %	1800 Dew Point °C	Rain past 12 hrs mms
62300	SALUM	40	8	35	03	0	5	Cu	17.4	23	61	15	40	10	15	01	2	4	Cu	17.2	22	65	15	0
62303	SIDI BARANI	340	6	35	01	0	1	Cu	17.5	22	65	15	70	4	15	01	0	0	—	17.9	20	73	15	0
62306	MATRUH	30	8	18	02	1	2	Cu	17.1	23	47	11	00	0	12	00	0	0	—	17.9	18			0
62309	EL DABA	340	5	35	02	1	2	Cu	16.4	25	54	15	20	4	7	00	0	0	—	17.9	20	64	13	0
	ALEXANDRIA	360	6	50	02	2	7	St	16.3	23	61	15	360	10	15	01	2	3	Sc, Cu	17.5	21	65	14	0
62318	FOUAD (Airport)	340	8	18	01	2	5	Cu, Ac	16.1	25	54	15	20	3	12	01	1	1	Sc	16.3	19	78	15	0
62330	DAMIETTA	40	2	15	01	0	1	Cu	17.5	24	94	23	40	2		00	0	0	—	17.1	22	65	15	0
62333	PORT SAID	20	5	30	02	0	1	Sc	15.6	25	47	13	30	6	18	01	0	0	—	16.9	23	61	15	0
62336	EL ARISH	340	5	35	02	1	1	Cu	16.0	24	54	14	20	9	15	01	0	0	—	16.0	23	61	15	0
62338	DAMANHUR	40	9	15	03	1	4	Cu	16.4	25	54	15	360	9	7	01	1	2	Cu	17.2	20	83	17	0
62342	MANSURA	40	9	35	03	1	3	Sc, Cu	15.5	27	37	11	20	5		00	1	0	—	17.4	21	65	14	0
62348	TANTA	00	0	35	01	1	4	Cu	15.7	28	40	13	00	0	35	02	0	0	—	17.8	19	73	14	0
62354	ZAGAZIG	40	2	35	00	1	0	—	15.5	26	48	14	40	5	35	00	0	0	—	16.6	20	73	15	0
62441?	ISMAILIA	40	2	35	03	0	4	Ac	16.0	28	40	13	20	2	35	01	0	0	—	16.3	21	65	14	0
62366	FAROUK (Airport)																							
62372	ALMAZA	360	7	30	00	0	0	—	14.7	26	45	13	30	10	12	00	0	0	—	16.2	22	53	12	0
	EZBEKIYA	20	4	35	00	0	0	—	14.6	27	37	11	40	6	15	00	0	0	—	16.6	22	53	12	0
	GIZA	20	4	35	00	0	0	—	14.6	28	32	10	40	6	15	00	0	0	—	17.0	22	50	11	0
62378	HELWAN	20	2	15	01	1	0	—	14.3	27	33	9	360	19	15	02	0	0	—	15.9	22	50	11	0
62381	FAIYUM	360	5	35	02	0	0	—	16.0	27	33	9	00	0	35	02	0	0	—	15.5	21	50	10	0
62387	MINYA	10	5	12	00	0	0	—	14.6	28	27	7	00	0	8	00	0	0	—	15.6	18	60	10	0
62393	ASYUT																							
62399	NAG HAMMADI	290	4	7	00	0	0	—	11.9	30	40	15				00	0		Cc	13.3	24	61	16	0
62402	QENA	240	5	50	00	0	0	—	11.4	33	34	15	240	9	7	03	1	4	Cc	13.9	25	54	15	0
62405	LUXOR												250	3	10	01	1	1	Ac	12.4	26	45	13	0
62414	ASWAN	340	5	50	01	1	3	Ci	11.4	34	32	15	360	5	50	03	1	3	Ac	11.2	28	35	11	0
62417	SIWA	120	6	35	00	0	0	—	18.7	28	58	19	00	0	35	00	0	0	—	18.3	22	65	15	0
62420	BAHARIYA	320	3	35	02	0	0	—	15.8	26	43	7	360	2	15	02	0	0	—	16.8	21	50	10	0
62423	FARAFRA																							
62432	DAKHLA	320	8	50	00	0	0	—		28	33	10	320	4	35	00	0	0	—					0
62435	KHARGA	360	2	35	00	0	0	—	13.5	30	35	13	360	1	15	00	0	0	—	13.5	26	37	10	0
62450	SUEZ	360	4	39	02	1	1	Cu	13.9	27	52	16	360	7	15	01	0	0	—	14.4	23	65	16	0
62459	TOR	310	9	35	00	0	0	—	12.0	26	70	20	310	4	15	00	0	0	—	12.4	24	69	18	0
62462	HURGHADA	340	13		00	0	0	—	11.1	26	74	21	310	12		00	0	0	—	11.9	25	66	19	0
62465	QUSEIR	360	13	15	02	0	0	—	11.9	28	62	20	330	9	15	02	0	0	—	11.3	26	70	20	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 Thursday 20th October,

Station	Wind Direction	Wind Velocity in knots	Visibility in km	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Dry Bulb	Max. Yesterday	Max. Diff. from normal	Min. Today	Min. Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs	Total from Oct. 1st	Normal from Oct. 1st
SALUM	180	15	15	02	0	0	—	16.4		21	25		14		50	10	0	0	
SIDI BARANI	160	10	35	02	0	0	—	16.2		19	24		15		73	14	0	0	
MATRUH	230	10	12	00	0	0	—	36.5		19	24		11		60	11	0	0	
EL DABA	270	1	15	00	0	0	—	16.2		19	26		11		64	12	0	0	
ALEXANDRIA	220	10	35	01	5	5	St, Ac	17.2	+0.4	23	25	-3	17	-1	61	15	dr.	dr.	3
FOUAD (Airport)	200	3	18	01	2	4	Sc	17.5		23	26		16		61	15	0	0	4
DAMIETTA	40	5			1	5	Cu	17.4	+1.6	22	25		16		74	17	0	0	3
PORT SAID	80	8	14	03	1	5	Sc	16.9		23	26		21		65	16	0	0	
EL ARISH	00	0	35	00	1	4	Cu	17.1	+1.7	24	26	-2	16	-1	61	16	0	0	2
DAMANHUR	360	5		02	0	0	—	17.8	+1.2	20	26	-4	15	-2	83	17	0	0	2
MANSURA	360	5	35	00	0	0	—	17.4	+1.3	22	29	-1	16	0	65	15	0	0	1
TANTA	60	0	35	02	0	0	—	18.3	+1.7	16	28	-2	10	-5	88	14	0	0	2
ZAGAZIG	40	2	15	00	0	0	—	17.1	+0.5	22	29	-1	14	-1	65	15	0	0	1
ISMAILIA	70	2	35	01	0	0	—	16.6		21	29		16		65	14	0	0	
FAROUK (Airport)																	0	0	
ALMAZA											28	-2					0	0	
EZBEKIYA	340	2	15	00	0	0	—	16.8	+0.5	20	28	-2	16	-1	78	16	0	0	1
GIZA	340	2	15	00	0	0	—	17.0	+0.5	18	28	-1	15	0	78	15	0	0	1
HELWAN	20	12	7	00	0	0	—	16.8	+0.4	22	27	-3	17	+1	57	13	0	0	1
FAIYUM	360	3	35	02	0	0	—	17.1	+1.0	20	27	-4	15	-2	73	15	0	0	0
MINYA	10	9	8	00	0	0	—	16.2		19	28		12		68	13	0	0	
ASYUT	320	5	30	00	0	0	—	16.3		19			15		64	12	0	0	
NAG HAMMADI	290	2	3	03	1	2	Ac	15.4	+1.2	23	31		18		61	15	0	0	
QENA	270	5	35	03	5	5	Cc	14.7	+1.0	23	35	+1	20	+2	50	12	dr.	dr.	
LUXOR	00	0	30	03	1	5	Sc	14.3		24	33		20		47	12	0	0	
ASWAN	360	8	50	03	0	2	Ac	13.8	+0.7	24	36	0	22	+1	47	12	0	0	
SIWA	00	0	35	00	0	0	—	18.4	+0.6	18	29	-3	12	-2	73	13	0	0	0
BAHARIYA	00	0	35	00	0	0	—	17.4	+0.6	22	27	-3	14	-1	65	15	0	0	0
FARAFRA																			
DAKHLA	320	3	35	00	0	0	—	16.8	+1.2	19	30	-3	16	-1	46	7	0	0	
KHARGA	00	0	35	00	0	0	—	16.0	+1.3	20	31	-3	14	-4	46	8	0	0	
SUEZ	00	0	35	00	0	0	—	15.6	+0.2	23	29	-2	18	-1	65	16	0	0	1
TOR	310	2	35	00	0	0	—	13.3	-0.6	23			17	-1	53	13	0	0	0
HURGHADA	320	23		03	1	7	Cb, Ac	13.5		23	27		22		69	17	0	0	
QUSEIR	360	13	15	00	2	6	Ac	13.6	+0.2	27			23	0	55	17	0	0	0
PORT SUDAN	270	2	30	03	1	3	Cu	12.5		29	30		24		79	25	0	0	8
WADI HALFA	20	11	30	02	0	1	Ac			24	37		21		32	6	0	0	
ABU HAMAD	50	5	30	00	1	0	—	9.7		29	40		25		25	7	0	0	
KAREIMA	340	11	30	00	0	0	—	10.4		28	39		24		25	6	0	dr.	1
ATBARA	200	5	30	01	1	1	Ac	10.2		30	40		26		49	18	0	0	1
KHARTUM	70	8	30	03	0	1	Ac, Ci	10.4		28	39		25		66	8	0	11	2
KASSALA	180	9	30	03	6	7	Ac, Ci	11.7		27	40		23		52	16	4	4	5
WAD MEDANI	130	9	50	02	0	0	—	11.2		27	36		21		66	20	0	7	7
RENK	130	9	50	02	1	6	Sc	10.2		24	35		20		84	21	dr.		27
ROSEIRES	200	2	30	02	1	2	Ac	9.9		24	32		20		84	21	0	47	18
EL OBEID	350	10	7	05	1	5	Ac	11.1		26	34		22		45	13	0	24	10
EL FASHER	330	2	30	00	0	0	—			23	35		18		27	3	0	1	5
GENEINA	90	4	30	00	0	1	Ac			21	34		15		28	2	0	dr.	4
MALAKAL	00	0	30	02	2	8	Sc, Ac	11.8		24					94	23	0	37	58
WAU	00	0	30	01	1	1	Ac	11.5		25	29		20		79	21	0	149	90
JUBA	00	0	10	03	4	8	St, Ac	13.5		23	30		20		89	21	0	29	62

HUMIDITY % Mean of day

Station	On 19th	Diff. from normal
Alexandria	64	-4
Ezbekiya	54	-12
Giza	66	-2
Helwan	50	-3

GIZA
GRASS MINIMUM TEMP.
On 20th 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 19th At 15h

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	132	25	45	360	10
950					
900					
850	1513	8	66	240	6
800					
700	3099	2		230	13
600					
500	5722	-16		250	12
400		-29			
300	9341	-45		240	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 19th

Station	Matruh		Hurghada	
Time	15		15	
Height m.	Dir.	Vel.	Dir.	Vel.
300	350	9	340	28
600	350	11	320	17
1000	340	7	320	12
1500	280	14	260	4
2000	270	16	220	6
3000	300	15		
4000	260	8		
5000				
6000				
7000				
8000				

UPPER WIND OBSERVATIONS on 20th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		Almaza	
Time	9		4 30				3				9 45				9				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	190	4	260	9			60	5			40	19			320	9			360	28	340	22	20	10
600	170	2	310	5			60	8			30	23			350	14			360	19	300	16	40	10
1000	200	2					70	12			50	12			360	16			20	20	320	16	40	20
1500	250	2					60	9			30	5			230	10			100	6	140	17	60	18
2000	220	9									180	19			200	24			190	6	140	17	180	5
3000											190	27			190	30			170	22	180	16	190	31
4000															190	36					190	26		
5000															200	14					180	35		
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time			9		9		7		4				4		4		4 45		3 45		4 15		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			350	17	20	3	10	3	10	23														
600			360	9	360	7	10	20	10	34			170	17	350	21	190	9					80	8
1000			350	8	10	15	360	17	360	27			170	14	20	13	170	10	300	17	20	11	90	5
1500			360	16	10	11			50	10			200	9	30	11	130	8	350	11	60	32	300	3
2000			350	12													60	17	20	10			40	8
3000									110	11			350	5	30	7	10	10	60	8	200	7	60	8
4000																								
5000													20	3	200	7								
6000															180	9								
7000																								
8000																								

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

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

Note: All times G. M. T.

CAIRO

Time of Sunrise 03 59 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 October, 1949

At 1200 on Tues. 18th / At 1800 on Tues. 18th

Station	1200 Wind Dir.	1200 Wind Vel. (knots)	1200 Visibility (km)	1200 Present weather	1200 Past weather	1200 Cloud amount	1200 Cloud form	1200 Bar. pressure M.S.L. mbs	1200 Temperature °C	1200 Humidity %	1200 Dew point °C	1800 Wind Dir.	1800 Wind Vel. (knots)	1800 Visibility (km)	1800 Present weather	1800 Past weather	1800 Cloud amount	1800 Cloud form	1800 Bar. pressure M.S.L. mbs	1800 Temperature °C	1800 Humidity %	1800 Dew point °C	1800 Rain past 12 hrs mms
SALUM	40	15	35	03	0	4	Cu	17.1	23	61	15												
SIDI BARANI	320	9	35	01	0	3	Cu	17.8	24	54	14	320	9	15	01	0	2	Cu	18.0	20	73	15	0
MATRUH	360	11	18	02	2	3	Cu	16.7	24	44	11	360	8	12	01	1	1	Cu	17.4	20	60	12	0
EL DABA	340	11	35	01	1	2	Cu	1..	24	54	14	320	4	7	00	0	0	—	16.0	20	56	11	0
ALEXANDRIA	330	13	50	01	1	3	Sc,Cu	16.3	24	47	12	310	10	7	02	1	-	Sc,Cu		22	57	13	0
FOUAD (Airport)	300	10	18	02	0	0	—	16.2	25	84	22	320	4	18	03	1	4	Sc	16.7	20	69	14	0
DAMIETTA	340	5	15	02	1	4	Cu	15.8	24	69	18	320	2		01	0	0	—	16.0	22	74	17	0
PORT SAID	10	8	30	02	0	1	Sc	15.6	25	65	18	360	6	18	02	0	0	—	15.9	23	65	16	0
EL ARISH	320	2	35	03	1	4	Cu	15.9	26	62	18	360	5	15	01	0	0	—	15.8	24	69	18	0
DAMANHUR	360	9	15	02	1	3	Cu	16.7	25	61	17	360	5	7	02	1	0	—	16.4	19	88	17	0
MANSURA	320	9	15	03	2	6	Sc,Cu	15.6	27	52	16	360	5		00	1	0	—	16.2	21	74	16	0
TANTA	360	5	35	01	1	5	Cu	15.3	29	52	18	00	0	35	02	1	0	—	17.0	20	73	15	0
ZAGAZIG	320	5	35	02	1	4	Ac	15.2	28	52	17	40	2	35	00	1	0	—	16.2	21	83	18	0
ISMAILIA	40	2	35	03	1	5	Cu	14.6	28	52	17	40	2	35	01	0	0	—	15.4	22	74	17	0
FAROUK (Airport)																							
ALMAZA	360	8	30	02	1	2	Cu	15.1	28	49	16	10	11	12	00	0	0	—	15.6	23	63	16	0
EZBEKIYA	340	4	35	00	0	1	Cu	15.1	29	46	16	340	2	15	00	0	0	—	16.3	22	69	16	0
GIZA	340	4	35	00	0	1	Cu	15.6	28	44	15	340	2	15	00	0	0	—	15.9	23	63	16	0
HELWAN	360	10	15	03	1	3	Cb	14.3	28	45	15	340	16	15	01	1	1	Cu	15.5	24	54	14	0
FAYUM	360	5	35	01	0	0	—	14.3	29	40	14	360	5	35	03	0	0	—	14.6	23	65	16	0
MINYA	20	13	12	00	0	0	—	13.8	30	43	16	00	0	10	00	0	0	—	14.6	21	65	14	0
ASYUT																							
NAG HAMMADI	270	2	15	00	0	0	—	10.0	34	41	19	00	0		00	0	0	—	10.0	25	54	15	0
QENA	320	2	50	00	0	0	—	10.7	36	29	15	290	5	7	00	0	0	—	10.8	29	23	6	0
LUXOR	330	6	30	00	0	0	—	9.8	36	19	9	00	0	12	00	0	0	—	10.3	29	29	9	0
ASWAN	340	8	50	00	0	0	—	8.0	38	17	9	360	6	50	00	0	0	—	9.3	34	22	9	0
SIWA	290	7	35	00	0	0	—	18.8	27	35	19	00	0	35	00	0	0	—	18.3	20	64	13	0
BAHARIYA	360	3	35	01	1	3	Ac	15.2	29	46	16	360	3	15	02	1	0	—	16.0	23	50	12	0
FARAFRA																							
DAKHLA	320	6	50	00	0	0	—		33	16	4	320	8	35	00	0	0	—	13.4	25	39	10	0
KHARGA	20	5	35	00	0	0	—	11.8	35	15	5	360	4	15	00	0	0	—	12.0	28	29	8	0
SUEZ	00	0	35	01	0	0	—	13.5	28	52	17	00	0	15	02	0	0	—	14.4	23	74	18	0
TOR	310	10	35	00	0	0	—	10.0?	29	66	22	310	9	15	00	0	0	—	11.6	26	62	18	0
HURGHADA	340	13		00	0	0	—	10.9	28	62	20	300	16		00	0	0	—	10.3	27?	49	16	0
QUSEIR	20	9	15	02	0	0	—	10.2	30	46	17	360	9	15	02	0	0	—		26	62	18	0
PORT SUDAN	40	6	30	00	1	0	—	8.6	34	59	25												
WADI HALFA	50	10	30	03	0	1	Ac	6.8	38	11	3												
ABU HAMAD	130	1	30	03	0	2	Cu,Ac	4.1	39	13	6												
KAREIMA	340	5	30	00	0	2	Ac	5.1	39	12	4												
ATBARA	350	5	30	03	0	2	Cu	3.5	39	26	16												
KHASHM EL GIRBA	350	3	30	03	1	3	Cu,Ac	3.4	38	21	12												
KASSALA	00	0	30	03	0	2	Cu	2.2	39	26	16												
WAD MEDANI	270	5	35	02	1	4	Cu	3.2	37	27	15												
RENK	270	9	50	02	1	4	Cu	4.3	35	44	21												
KOSTI																							
EL OBEID	00	0	30	03	0	5	Cb	4.0	36	27	14												
EL FASHER	110	3	30	03	1		Cu,Ac		34	29	13												
GENEINA	70	15	30	02	2	7	Ac		34	9	-3												
MALAKAL	180	9	30	02	2	7	Cu,Ac	6.9	31														
WAU																							
JUBA	70	2	30	03	2	6	Cu,Ac	6.2	32	52	21												

At 0600 on Wednesday 19th October

Station	Wind Dir.	Wind Vel. (knots)	Visibility (km)	Present weather	Past weather	Cloud amount	Cloud form	Bar. M.S.L. mbs	Diff. from normal mbs	Dry bulb	Max. yesterday	Max. diff. from normal	Min. today	Min. diff. from normal	Humidity %	Dew point °C	Rain past 24 hrs	Rain total from Oct 1st	Rain normal from Oct 1st
SALUM																		0	
SIDI BARANI	200	4	35	03	0	3	Cu	18.0		18	24		13		83	15	0	0	
MATRUH	290	6	12	02	2	5	Sc	17.3		20	25		14		60	12	0	0	
EL DABA	270	4	15	03	2	4	Cb	17.6		18	25		18		73	13	0	0	
ALEXANDRIA	130	8	35	02	6	6	Cb	17.5	+0.7	20	26	-2	19	-1	64	13	dr.	dr.	3
FOUAD (Airport)	260	5	14	01	2	6	Cu,Ac	16.9		19	26		15		78	15	0	0	3
DAMIETTA	200	2	3	03	0	2	Cu	17.2	+1.4	22	25		15		74	17	0	0	3
PORT SAID	330	2	30	02	0	1	Cu	16.7		23	25		20		50	12	0	0	
EL ARISH	00	0	35	00	1	1	Cu	16.7	+1.4	24	27	-1	18	+1	69	18	0	0	2
DAMANHUR	270	5	3	02	0	0	—	17.1	+0.6	19	26	-4	15	-2	83	16	0	0	2
MANSURA	40	5	35	00	0	0	—	17.2	+1.1	22	29	-1	16	-1	65	15	0	0	1
TANTA	00	0	35	02	0	0	—	18.0	+1.4	17	29	-1	11	0	88	15	0	0	1
ZAGAZIG	320	2	15	00	0	0	—	17.1	+0.5	21	30	0	15	0	74	16	0	0	1
ISMAILIA	320	2	35	00	1	2	Cu	11.4		23	30		17		61	15	0	0	
FAROUK (Airport)																	0	0	
ALMAZA	360	4	0.8	47	4	9	St.	17.2	+1.0	19	29		18		95	19	0	0	
EZBEKIYA	00	0	15	00	0	0	—	17.2	+1.0	20	29	-1	17	0	64	13	0	0	1
GIZA	00	0	15	00	0	0	—	17.4	+1.0	20	29	0	16	+1	69	14	0	0	1
HELWAN	00	0	15	00	0	0	—	17.4	+1.0	20	28	-2	17	-1	64	13	0	0	0
FAYUM	360	5	35	02	0	0	—	17.4	+1.2	21	29	-2	16	-1	65	14	0	0	0
MINYA	360	9	10	00	0	0	—	16.7		20	30		15		64	13	0	0	
ASYUT	300	5	30	00	0	0	—	16.2		21			19		65	14	0	0	
NAG HAMMADI	320	1	3	00	0	0	—	14.6	+0.5	25	36		18		70	19	0	0	
QENA	270	5	35	00	0	0	—	14.3	+0.6	25	37	+3	21	+3	54	15	0	0	
LUXOR	00	0	30	00	0	0	—	13.5		27	37		18		30	8	0	0	
ASWAN	360	9	50	03	1	3	Ac	13.4	+0.4	25	39	+3	24	+3	45	12	0	0	
SIWA	00	0	35	00	0	0	—	19.5	+1.8	19	28	-4	12	-2	52	9	0	0	0
BAHARIYA	360	4	35	02	0	0	—	17.6	+0.8	19	30	-1	14	-2	73	14	0	0	0
FARAFRA																			
DAKHLA	00	0	35	00	0	0	—	16.0	+0.5	24	35	+2	20	+3	47	12	0	0	
KHARGA	20	2	35	00	0	0	—	15.5	+0.9	23	37	+3	20	+2	50	12	0	0	
SUEZ	00	0	35	00	0	1	Cu	15.5	+0.2	23	30	-1	19	0	65	16	0	0	1
TOR	310	13	35	00	0	0	—	13.2	-0.6	24	29	0	18	0	69	18	0	0	0
HURGHADA	310	19		00	0	0	—	12.3		24	28		20		74	19	0	0	
QUSEIR	330	9	15	02	0	0	—			27	29	-1	24	+1	52	16	0	0	0
PORT SUDAN	310	4	30	02	0	2	Cu	11.0		30	35		23		79	26	0	0	7
WADI HALFA																		0	
ABU HAMAD	130	5	30	03	0	1	Ac,Ci	8.5		29	40		25		25	7	0	0	
KAREIMA	20	3	30	00	0	1	Cu	8.6		28	40		23		15	-1	0	dr.	1
ATBARA	270	2	30	03	1	5	Ci	7.5		30	40		24		38	14	0	0	1
KHASHM EL GIRBA	260	12	30	02	0	3	Ac,Ci	8.3		29	40		29		52	18	0	11	2
KASSALA																	0	dr.	5
WAD MEDANI	290	5	50	02	6	9	Ac	10.0		24	39		22		84	21	3	7	6
RENK	50	9	50	02	1	4	Sc	10.8		26	36		20		70	20	0		25
KOSTI	50	2	35	02	1	4	Ac	12.8			34		19				5	47	17
EL OBEID	200	9	30	02	2	8	Ac	11.2		24	36		22		74	19	6	24	9
EL FASHER	150	3	30	02	1	7	Cu,Ac			24	35		22		65	17	0.2	1	5
GENEINA	50	1	30	00	0	1	Cu			22	36		16		50	11	0	dr.	4
MALAKAL	340	9	30	02	2	7	Ac	13.6		23	32		22		84	20	0	37	56
WAU																	42	149	85
JUBA																	1	29	59

Station	18th	
Alexandria	58	-10
Tahririya	72	+6
Giza	72	+4
Helwan	59	+6

GIZA

	19th	11.0

Remarks

	18th	15h		
	metres			
1000	132	27	360	10
850	1535	18	320	10
700	3162	6	250	24
500	5830	-9 / -19	270	16

UPPER WIND OBSERVATIONS on 18th

Station	Matruh		Port Said		Hurghada	
Time	15		14 30		15	
Height m	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	300	11	350	10	340	43
600	320	10	340	9	340	33
1000	320	12	290	5	340	30
1500	320	15	250	16	320	13
2000	300	16	270	21	210	4
3000	270	17	240	21	170	10
4000						
5000						
6000						
7000						
8000						

UPPER WIND OBSERVATIONS 19th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Aswan		Hurghada	
Time	9		4 30				4				8 45		5		9	
Height m	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	310	8	300	10			350	3			20	23	10	20	310	23
600	310	9					320	5			20	29	10	25	300	20
1000	300	8					340	7			30	12	20	27	280	17
1500	250	5					270	9			40	7	40	16	270	1
2000	270	5					220	17			100	8	70	6		
3000	260	5					240	10			200	12	150	26		
4000	280	4					210	11			250	19				
5000	270	4					230	5								
6000							250	26								
7000							260	17								
8000							260	15								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartoum		Kassala		El Obeid		El Fasher		Malakal	
Time	9		9		9		7		3						4				4		5			
Height m	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	160	4	350	24	30	[illegible]	20	14	10	21														
600	130	4	340		20	[illegible]	20	21	30	25					240	13								
1000	270	6	350		10	[illegible]	10	22	30	25					270	14			150	17	130	7		
1500	340	15			360	17			30	21					330	4			140	9	100	13		
2000	340	14																	30	7				
3000	360	5																	60	14	10	11		
4000	270	7																			10	14		
5000	200	14																						
6000																								
7000																								
8000																								

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

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/430)

Sunrise 04 01 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: Friday 21st October, 1949

At 1200 on Thurs. 20th

Wind Direction	Wind Velocity	Visibility	Present Weather	Past Weather	Cloud Amount	Cloud Form	Bar. Pressure	Temperature	Humidity	Dew Point
40	8	35	03	0	6	cu, ac	15.8	25	54	15
90	8	18	03	1	2	cu	15.6	26		
40	7	35	00	0	0	—	15.5	24	47	12
360	6	50	02	1	4	cu	16.2	24	61	16
340	10	18	02	1	3	cu	15.3	25	54	15
20	5	15	01	0	1	cu	15.9	24	61	16
50	10	30	02	1	1	Sc	15.5	25	54	15
20	2	35	02	1	4	cu	16.0	25	61	17
310	9	15	02	1	3	cu	15.9	26	42	12
40	9	15	03	1	6	cu	15.5	27	59	16
80	9	35	01	1	4	cu	15.1	28	40	13
40	5	35	02	1	0	—	14.7	27	52	16
40	5	35	03	1	5	cu, ac	14.4	28	46	15
70	10	8	02	2	3	cu	14.0	28	33	10
40	10	30	02	0	1	cu	14.1	28	49	16
20	3	35	00	0	1	cu	14.0	29	40	14
20	3	35	00	0	1	cu	13.7	28	33	10
20	12	35	02	1	3	cu	13.5	28	40	13
360	5	35	02	0	0	—	14.0	28	33	10
290	2	15	00	0	3	ac	12.2	30	35	13
270	5	35	02	1	5	Cc	10.3	31	38	15
340	9	50	00	0	0	—	9.9	34	34	15
360	2	35	02	0	0	—	15.4	27	33	9
360	5	50	00	0	0	—	14.0	26	35	10
20	2	35	00	0	0	—	13.1	30	31	11
00	0	35	02	0	0	—	12.2	28	52	17
310	12	35	00	0	4	As	12.2	26	70	20
360	9		01	1	4	cu	11.7	26	74	21
20	9	15	02	0	0	—	11.3	28	70	22
20	11	30	03	1	1	cu	9.3	31	62	23
360	13	30	00	0	0	—	10.9	32	13	0
90	3	30	03	1	3	cu	5.1	38	21	12
310	8	30	00	0	0	—	6.5	37	18	9
90	2	30	03	0	1	cu	5.2	37	19	10
00	0	30	02	1	7	cu, ac	5.9	35	35	17
180	2	50	02	0	0	—	5.6?	35	35	17
130	9	7	02	1	6	cu	8.6?	32	49	20
20	10	10	02	1	2	ac	5.6	35	14	3
50	3	30	00	0	0	—		34	13	2
40	2	30	00	0	0	—		34	12	1
230	2	30	03	1	3	cb, ac	6.7	33	53	22
40	2	30	01	1	4	cu, ac	8.6	33	47	20

At 1800 on Thurs. 20th

Wind Direction	Wind Velocity	Visibility	Present Weather	Past Weather	Cloud Amount	Cloud Form	Bar. Pressure	Temperature	Humidity	Dew Point	Rain Past
40	6	15	01	0	2	cu		23	61	15	0
110	5	15		0	1	Ac	16.9	20	64	13	0
140	6	12	00	1	0	—	17.1	20	60	12	0
00	0	7	00	0	0	—	16.6	18	73	13	0
40	11	7	01	1	3	Sc, Cu	17.4	22	53	13	0
10	4	12	02	1	3	Sc	17.5	17	95	16	0
20	5		00	0	0	—	16.6	22	74	17	0
40	12	18	02	0	0	—	16.7	23	65	16	0
20	9	15	01	1	2	Cu	16.2	24	61	16	0
360	5	7	02	1	2	Cu	17.2	21	74	16	0
360	2		00	1	0	—	17.5	21	65	14	0
00	0	35	02	1	0	—	17.8	20	73	15	0
40	5	35	00	1	0	—	16.7	21	74	16	0
40	2	35	01	0	0	—	15.6	22	57	13	0
40	13	14	00	0	0	—	16.1	23	69	17	0
40	4	15	00	0	0	—	16.0	23	61	15	0
40	4	15	00	0	0	—	16.7	23	64	16	0
40	27	15	01	1	0	—	14.7	23	61	15	0
360	2	35	02	0	0	—	14.3	23	50	12	0
00	0	8	00	0	0	—	15.0	19	64	12	0
00	0		00	0	4	ac	13.1	23	65	16	0
270	9	7	02	1	5	cc	12.6	25	47	13	0
00	0	12	00	1	1	Cu	12.3	27	40	12	0
360	4	50	00	0	0	—	11.2	31	31	12	0
00	0	35	00	0	0	—	17.9	19	52	9	0
360	2	15	02	0	0	—	16.6	21	41	7	0
320	8	35	00	0	0	—	14.6	23	44	10	0
360	1	15	00	0	0	—	14.3	24	38	9	0
00	0	35	02	0	0	—	14.2	24	61	16	0
310	2	15	00	0	0	—	13.1	24	84	21	0
290	2		00	0	0	—	12.2	23	74	18	0
360	9	15	01	1	0	—	12.7	25	74	20	0

At 0600 on Friday 21st October,

Wind Direction	Wind Velocity	Visibility	Present Weather	Past Weather	Cloud Amount	Cloud Form	Bar. Pressure mbs	Chg.	Dry Bulb	Maximum	Dep.	Minimum	Dep.	Humidity	Dew Point	Rainfall	Rainfall	
200	13	15	01	0	2	ac	15.1		20	30		16				0	0	
180	15	35	03	ɔ	6	cu	16.3		20	30		15		73	13	0	0	
200	10	12	02	2	4	Sc	16.9		19	28		14?		64	12	0	0	
180	3	15	00	0	0	—	17.0		18	26		12?		83	15	0	0	
180	5	35	01	1	3	cu	18.7	+1.8	22	25	-3	19	-1	65	15	0	dr	4
										27							0	4
20	2	7	02	0	0	—	18.0	+2.1	23	25		18		65	16	0	0	4
40	5	18	01	0	0	—	17.7		24	25		22		57	15	0	0	
20	9	35	03	2	7	cb	17.4	+2.0	24	26	-2	17	0	74	19	0	0	2
360	5		02	0	0	—	17.5	+0.9	21	27	-3	16	-1	83	18	0	0	2
20	5	35	00	0	0	—	18.3	+2.2	24	29	-1	17	0	61	16	0	0	2
40	2	35	02	0	0	—	18.8?	+2.1	20	29	-1	11	-4	88	18	0	0	2
40	2	15	00	0	0	—	17.6	+0.9	22	28	-2	16	-1	74	17	0	0	1
360	2	35	01	0	0	—	17.1		22	28		17		65	15	0	0	
70	6	12	00	0	0	—	17.8		20			16		73	15	0	0	
60	10	12	00	0	0	—	17.5	+1.2	20	28		16		88	18	0	0	
40	3	15	00	0	0	—	17.6	+1.3	22	30	0	17	0	74	17	0	0	1
40	3	15	00	0	0	—	18.3?	+1.7	19	28	-1	15	0	72	14	0	0	2
20	22	15	00	0	0	—	17.1	+0.6	22	28	-1	20	+2	67	13	0	0	1
360	5	35	02	0	0	—	17.2	+1.1	21	29	-2	17	0	65	14	0	0	0
10	8	10	00	0	0	—	16.3		20	28		14		78	16	0	0	
310	7	30	00	0	0	—	16.4		20			16		78	16	0	0	
270	3		00	0	0	—	15.4	+1.1	23	31		19		65	16	0	0	
240	5	35	01	0	0	—	14.3	+0.5	24	32	-2	21	+3	61	16	0	dr	
120	3	30	00	0	0	—	14.1		25	34		18		42	11	0	0	
360	6	50	00	0	0	—	14.4	+1.2	20	35	-1	21	0	60	12	0	0	
00	0	35	00	0	0	—	18.3	+0.5	19	30	-2	12	-2	64	12	0	0	0
360	2	35	02	0	0	—	17.5	+0.6	20	27	-3	12	-3	64	13	0	0	0
320	5	35	00	0	0	—			19	30	-3	15	-2	52	9	0	0	
360	1	35	00	0	0	—	17.2	+2.4	23	30	-4	15	-3	57	14	0	0	
00	0	50	00	0	3	cu	16.3	+0.8	24	30	-1	19	0	74	19	0	0	1
20	2	35	00	0	4	ac	13.8	-0.3	20	26	-1	17	-1	83	17	0	0	0
290	4		03	0	1	Ac	13.4		24	26		24		69	18	0	0	
330	5	15	02	0	0	—	13.6	+0.1	26			22	-1	48	14	0	0	0
290	7	30	03	0	4	cu	13.3		29	33		24		70	23	0		8
360	11	30	00	0	0	—	15.4		23	33?		19		29	4	0	0	
50	9	30	00	0	0	—	11.0		29	40?		25		20	4	0	0	
360	17	10	00	0	0	—	12.5		27	37		23		28	7	0	dr.	1
20	2	30	00	0	1	ci	10.1		30	40		26		49	18	0	0	1
340	12	30	01	1	2	ac	11.0		29	38		27		19	3	0	11	2
180	2	30	00	0	0	—	11.0		27	40		21		58	18	0	4	5
230	5	50	02	0	0	—	9.8		28	37		21		49	16	0	7	7
130	9	50	02	1	2	Sc	10.0		26	33		21		84	23	0		28
																	47	19
10	10	10	00	0	0	—	12.3		26	36		22		27	15	0	24	10
00	0	30	00	0	0	—			22	35		18		27	2	0	1	6
50	4	30	00	0	0	—			22	35		18		57	13	0	dr	4
00	0	30	03	2	8	ac	12.1		24	33		22		84	21	1	38	60
00	0	30	01	1	2	ac, ci	11.5		24	34		21		94	23	0	149	94
20	5	30	03	1	1	cb	11.9		27	34		21		70	21	0	29	65

20th
60 -8
65 -1
65 -3
54 +1

21st 4.2

20th 15h

mbs				
123	27	40	30	14
1521	12	44	60	11
3176	6		210	33
5793	-12 / -25		200	24

UPPER WIND OBSERVATIONS on 20th

Station	Matruh		Port Said		Hurghada	
Time	15		15		15	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	80	14	40	29	360	13
600	50	10	30	7	350	12
1000	30	6	30	11	140	2
1500	220	5	70	20	180	11
2000	260	23			160	13
3000	250	15				
4000	200	23				
5000						
6000						
7000						
8000						

UPPER WIND OBSERVATIONS on 21st

Station									Almaza	
Time	4	30	4		9		9		8	30
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	110	30	40	9	310	10	340	23	40	23
600			30	10	330	10	320	16	30	9
1000			40	9	350	15	210	6	40	10
1500			260	8	250	8	140	16	80	4
2000					190	11	180	12	200	28
3000					190	28			190	30
4000										
5000										
6000										
7000										
8000										

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	9		9		9		7		4		4								3	45	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	210	14	30	16	50	18	360	8	350	16														
600	210	13	30	25	40	19	360	10	10	20	30	12												
1000	210	12	30	46	40	25	350	10	10	27	90	13							20	17	10	12	150	3
1500	230	11	30	60	60	3			350	15	90	12									30	21	20	5
2000	250	11	30	36					60	.7	180	1												
3000	280	26							110	3	230	4											50	14
4000	280	21																						
5000	270	31									130	1												
6000																								
7000																								
8000																								

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

Fahmy.

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

Note: All times G. M. T.

CAIRO

Time of Sunrise 04 00 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: Thursday 20th October, 1949

At 1200 on Wednes. 19th / At 1800 on Wednes. 19th

Station	1200 Wind Direction	1200 Wind Velocity in knots	1200 Visibility in kilometres	1200 Present weather	1200 Past weather	1200 Cloud Amount	1200 Cloud Form	1200 Bar. pressure M.S.L.	1200 Temperature	1200 Humidity	1200 Dew point	1800 Wind Direction	1800 Wind Velocity in knots	1800 Visibility in kilometres	1800 Present weather	1800 Past weather	1800 Cloud Amount	1800 Cloud Form	1800 Bar. pressure M.S.L.	1800 Temperature	1800 Humidity	1800 Dew point	1800 Rain past 6 hrs
SALUM	40	8	35	03	0	5	Cu	17.4	23	61	15	40	10	15	01	2	4	Cu	17.2	22	65	15	0
SIDI BARRANI	340	6	35	01	0	1	Cu	17.5	22	65	15	70	4	15	01	0	0	–	17.9	20	73	15	0
MATRUH	30	8	18	02	1	2	Cu	17.1	23	47	11	00	0	12	00	0	0	–	17.9	18			0
EL DABA	340	5	35	02	1	2	Cu	16.9	25	54	15	20	4	7	00	0	0	–	17.9	20	64	13	0
ALEXANDRIA	360	6	50	12	2	7	St	16.3	23	61	15	360	10	15	01	2	3	Sc, Cu	17.5	21	65	14	0
[illegible] (Airport)	340	8	18	01	2	5	Cu, Ac	16.1	25	54	15	20	3	12	01	1	1	Sc	16.8	19	78	15	0
DAMIETTA	40	2	15	01	0	1	Cu	17.5	24	94	23	40	2		00	0	0	–	17.1	22	65	15	0
PORT SAID	20	5	30	02	0	1	Sc	15.6	25	47	13	30	6	18	01	0	0	–	16.9	23	61	15	0
EL ARISH	340	5	35	02	1	1	Cu	16.0	24	54	14	20	9	15	01	0	0	–	16.0	23	61	15	0
	40	9	15	03	1	4	Cu	16.4	25	54	15	360	9	7	01	1	2	Cu	17.2	20	83	17	0
	40	9	35	03	1	3	Sc, Cu	15.5	27	37	11	20	5		00	1	0	–	17.4	21	65	14	0
	00	0	35	01	1	4	Cu	15.7	28	40	13	00	0	35	02	0	0	–	17.8	19	73	14	0
	40	2	35	00	1	0	–	15.5	26	48	14	40	5	35	00	0	0	–	16.6	20	73	15	0
	40	2	35	03	0	4	Ac	16.0	28	40	13	20	2	35	01	0	0	–	16.3	21	65	14	0
	360	7	30	00	0	0	–	14.7	26	45	13	30	10	12	00	0	0	–	16.2	22	53	12	0
	20	4	35	00	0	0	–	14.6	27	37	11	40	6	15	00	0	0	–	16.6	22	53	12	0
	20	4	35	00	0	0	–	14.6	28	32	10	40	6	15	00	0	0	–	17.0	22	50	11	0
	20	2	15	01	1	0	–	14.3	27	33	9	360	19	15	02	0	0	–	15.9	22	50	11	0
	360	5	35	02	0	0	–	16.0	27	33	9	00	0	35	02	0	0	–	15.5	21	50	10	0
	10	5	12	00	0	0	–	14.6	28	27	7	00	0	8	00	0	0	–	15.6	18	60	10	0
	290	4	7	00	0	0	–	11.9	30	40	15				00	0		Ci	13.3	24	61	16	0
	240	5	50	00	0	0	–	11.4	33	34	15	240	9	7	03	1	4	Cc	13.9	25	54	15	0
												250	3	10	01	1	1	Ac	12.4	26	45	13	0
	340	5	50	01	1	3	Ci	11.4	34	32	15	360	5	50	03	1	3	Ac	11.2	28	35	11	0
	120	6	35	00	0	0	–	18.7	28	58	19	00	0	35	00	0	0	–	18.3	22	65	15	0
	320	3	35	02	0	0	–	15.8	26	43	7	360	2	15	02	0	0	–	16.8	21	50	10	0
	320	8	50	00	0	0	–		28	33	10	320	4	35	00	0	0	–					0
	360	2	35	00	0	0	–	13.5	30	35	13	360	1	15	00	0	0	–	13.5	26	37	10	0
	360	4	35	02	1	1	Cu	13.9	27	52	16	360	7	15	01	0	0	–	14.4	23	65	16	0
	310	9	35	00	0	0	–	12.0	26	70	20	310	4	15	00	0	0	–	12.4	24	69	18	0
	340	13		00	0	0	–	11.1	26	74	21	310	12		00	0	0	–	11.9	25	66	19	0
	360	13	15	02	0	0	–	11.9	28	62	20	330	9	15	02	0	0	–	11.3	26	70	20	0

At 0600 on Thursday 20th October,

Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount	Cloud Form	Bar. pressure M.S.L. mbs	Diff. from normal mbs	Dry bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum	Minimum Diff. from normal	Humidity	Dew point	Rainfall mms (1)	Rainfall mms (2)	Rainfall mms (3)	Station
180	15	15	02	0	0	–	16.4		21	25		14		50	10	0	0		SALUM
160	10	35	02	0	0	–	16.2		19	24		15		73	14	0	0		SIDI BARRANI
230	10	12	00	0	0	–	16.5		19	24		11		60	11	0	0		MATRUH
270	1	15	00	0	0	–	16.2		19	26		11		64	12	0	0		EL DABA
220	10	35	01	5	5	St, Ac	17.2	+0.4	23	25	-3	19	-1	61	15	dr.	dr.	3	ALEXANDRIA
200	3	18	01	2	4	Sc	17.5		23	26		16		61	15	0	0	4	[illegible] (Airport)
40	5			1	5	Cu	17.4	+1.6	22	25		16		74	17	0	0	3	DAMIETTA
80	8	14	03	1	5	Sc	16.9		23	26		21		65	16	0	0		PORT SAID
00	0	35	00	1	4	Cu	17.1	+1.7	24	26	-2	16	-1	61	16	0	0	2	EL ARISH
360	5		02	0	0	–	17.8	+1.2	20	26	-4	15	-2	83	17	0	0	2	
360	5	35	00	0	0	–	17.4	+1.3	22	29	-1	16	0	65	15	0	0	1	
60	0	35	02	0	0	–	18.3	+1.7	16	28	-2	10	-5	88	14	0	0	2	
40	2	15	00	0	0	–	17.1	+0.5	22	29	-1	14	-1	65	15	0	0	1	
70	2	35	01	0	0	–	16.6		21	29		16		65	14	0	0		
																0	0		
										28	-2					0	0		
340	2	15	00	0	0	–	16.8	+0.5	20	28	-2	16	-1	78	16	0	0	1	
340	2	15	00	0	0	–	17.0	+0.5	18	28	-1	15	0	78	15	0	0	1	
20	12	7	00	0	0	–	16.8	+0.4	22	27	-3	19	+1	57	13	0	0	1	
360	3	35	02	0	0	–	17.1	+1.0	20	27	-4	15	-2	73	15	0	0	0	
10	9	8	00	0	0	–	16.2		19	28		12		68	13	0	0		
320	5	30	00	0	0	–	16.3		19			15		64	12	0	0		
290	2	3	03	1	2	Ac	15.4	+1.2	23	31		18		61	15	0	0		
270	5	35	03	5	5	Cc	14.7	+1.0	23	35	+1	20	+2	50	12	dr.	dr.		
00	0	30	03	1	5	Sc	14.3		24	33		20		47	12	0	0		
360	8	50	03	0	2	Ac	13.8	+0.7	24	36	0	22	+1	47	12	0	0		
00	0	35	00	0	0	–	18.4	+0.6	18	29	-3	12	-2	73	13	0	0	0	
00	0	35	00	0	0	–	17.4	+0.6	22	27	-3	14	-1	65	15	0	0	0	
320	3	35	00	0	0	–	16.8	+1.2	19	30	-3	16	-1	46	7	0	0		
00	0	35	00	0	0	–	16.0	+1.3	20	31	-3	14	-4	46	8	0	0		
00	0	35	00	0	0	–	15.6	+0.2	23	29	-2	18	-1	65	16	0	0	1	
310	2	35	00	0	0	–	13.3	-0.6	23			17	-1	53	13	0	0	0	
320	23		03	1	7	Cb, Ac	13.5		23	27		22		69	17	0	0		
360	13	15	00	2	6	Ac	13.6	+0.2	27			23	0	55	17	0	0	0	
270	2	30	03	1	3	Cu	12.5		29	30		24		79	25	0	0	8	
20	11	30	02	0	1	Ac			24	37		21		32	6	0	0		
50	5	30	00	1	0	–	9.7		29	40		25		25	7	0	0		
340	11	30	00	0	0	–	10.4		28	39		24		25	6	0	dr.	1	
200	5	30	01	1	1	Ac	10.2		30	40		26		49	18	0	0	1	
70	8	30	03	0	1	Ac, Ci	10.4		28	39		25		66	8	0	11	2	
180	9	30	03	6	7	Ac, Ci	11.7		27	40		23		52	16	4	4	5	
130	9	50	02	0	0	–	11.2		27	36		21		66	20	0	7	7	
130	9	50	02	1	6	Sc	10.2		24	35		20		84	21	dr.		27	
200	2	30	02	1	2	Ac	9.9		24	32		20		84	21	0	47	18	
350	10	7	05	1	5	Ac	11.1		26	34		22		45	13	0	24	10	
330	2	30	00	0	0	–			23	35		18		27	3	0	1	5	
90	4	30	00	0	1	Ac			21	34		15		28	2	0	dr.	4	
00	0	30	02	2	8	Sc, Ac	11.8		24					94	23	0	37	58	
00	0	30	01	1	1	Ac	11.5		25	29		20		79	21	0	149	90	
00	0	10	03	4	8	St, Ac	13.5		23	30		20		89	21	0	29	62	

19th

64 -4

54 -12

66 -2

50 -3

20th 10.0

19th 15h

metres

132	25	45	360	10
1513	8	66	240	6
3099	2		230	13
5722	-16		250	12
	-29			
9341	-45		240	33

UPPER WIND OBSERVATIONS 19th

Height	Matruh 15 Dir	Matruh 15 Vel	Hurghada 15 Dir	Hurghada 15 Vel
300	350	9	340	28
600	350	11	320	17
1000	340	7	320	12
1500	280	14	260	4
2000	270	16	220	6
3000	300	15		
4000	260	8		
5000				
6000				
7000				
8000				

UPPER WIND OBSERVATIONS 20th

Time	9		4 30		3		9 45		9		5		9		Almaza 8 30	
	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel
	190	4	260	9	60	5	40	19	320	9	360	28	340	22	20	10
	170	2	310	5	60	8	30	23	350	14	360	19	300	16	40	10
	200	2			70	12	50	12	360	16	20	20	320	16	40	20
	250	2			60	9	30	5	230	10	100	6	140	17	60	18
	220	9					180	19	200	24	190	6	140	17	180	5
							190	27	190	30	170	22	180	16	190	31
									190	36			190	26		
									200	14			180	35		

Station	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMED		KAREIMA		KHARTOUM		KASSALA		EL OBEID		EL FASHER		[illegible]	
Time			9		9		7		4				4		4		4 45		3 45		4 15		4	
Height m.	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel
300			350	17	20	3	10	3	10	23														
600			360	9	360	7	10	20	10	34			170	17	350	21	190	9					80	8
1000			350	8	10	15	360	17	360	27			170	14	20	13	170	10	300	17	20	11	90	5
1500			360	16	10	11			50	10			200	9	30	11	130	8	350	11	60	32	300	3
2000			350	12													60	17	20	10			40	8
3000									110	11			350	5	30	7	10	10	60	8	200	7	60	8
4000																								
5000													20	3	200	7								
6000															180	9								
7000																								
8000																								

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

Printed by the Survey of Egypt 1948 (...)

Note: All times G. M. T.

CAIRO
Time of Sunrise 04 01 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: Saturday 22nd October, 1949

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
220	13	35	02	0	1	Cu	15.0	27	52	16
220	9	35	01	3	4	Cu, Ac	15.1	28	40	13
270	11	18	03	1	5	Sc	15.5	29	40	14
40	10	35	00	0	0	—	15.4	25	58	16
360	3	50	01	1	3	Cu	17.4	24	62	16
360	10	18	00	0	0	—	16.9	25	47	13
40	2	15	00	0	0	—	16.6	24	47	12
360	10	30	02	0	1	Sc	16.2	23	50	12
360	9	35	01	1	4	Cu	15.9	24	74	19
40	9	15	02	0	0	—	17.8	27	52	16
00	0	35	00	1	0	—	16.4	28	40	13
90	8	35	01	1	3	Cu	16.4	28	40	13
40	5	35	02	1	0	—	15.8	27	55	17
20	5	35	02	1	3	Ac	16.6	27	42	13
20	12	30	03	0	2	Cu	15.0	28	52	17
40	5	35	00	0	2	Cu	14.8	29	40	14
40	5	35	00	0	2	Cu		29	35	12
20	15	35	03	0	1	Cu	14.4	28	33	10
360	8	35	02	0	0	—	14.4	28	40	13
10	11	12	00	0	0	—	14.2	30	38	14
290	1	7	00	0	3	Ac, Ci	12.2	30	46	17
240	5	50	03	1	3	Ci	11.6	31	49	19
00	0	50	00	0	0	—	11.0	34	32	15
220	5	35	00	0	0	—	18.4	30	66	23
360	5	35	02	0	0	—	16.0	28	33	10
320	6	50	00	0	0	—	13.6	27	27	6
360	1	35	00	0	0	—	13.4	30	31	11
360	6	50	01	0	0	—	13.3	28	58	19
310	9	35	01	1	0	—	12.0	28	55	18
350	9		03	1	1	Ac	11.7	26	74	22
20	9	15	02	0	0	—	13.0	28	62	20
20	12	30	00	0	0	—	10.1	31	59	22
360	10	30	00	0	0	—	11.4	32	17	4
90	3	30	02	0	0	—	6.7	38	15	7
360	11	30	02	0	0	—	8.0	37	18	9
340	5	30	03	1	4	Cu	5.0	39	20	12
350	10	10	01	0	0	—	5.8	37	12	3
310	9	50	02	0	2	Cu	6.2	36	31	16
20	3	10	00	0	0	—	6.6	35	13	3
130	3	30	03	0	1	Ac		35	13	3
20	2	30	00	0	0	—		34	12	1
200	6	30	01	2	6	Cb, Ac	8.6	30	59	21
40	2	30	17	1	6	Cb, Ac	7.0	32	46	19
50	5	30	03	1	3	Cu, Ac	6.4	35	32	16

At 1800 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	Rain past 12 hrs mm
90	4	15	03	0	7	Cu	15.0	23	65	16	0
90	2	15	01	0	3	Ac	15.8	21	63	18	0
											0
110	4	7	00	0	0	—	15.8	20	64	13	0
90	3	7	00	0	0	—	17.6	21	65	14	0
320	2		02	0	0	—	17.9	21	65	14	0
10	11	18	02	0	1	Sc	17.3	22	65	15	0
340	5	35	01	0	1	Cu	16.7	23	65	16	0
40	9	7	02	0	0	—	17.8	20	83	17	0
360	5		00	0	0	—	18.4	19	73	14	0
90	2	35	02	1	0	—	18.6	20	73	15	0
60	2	35	00	1	0	—	17.6	19	73	14	0
360	2	35	01	0	0	—	17.1	20	64	13	0
40	12	14	00	0	0	—	17.4	21	65	14	0
40	4	15	00	0	0	—	17.2	21	57	12	0
40	4	15	00	0	0	—	17.9	21	50	10	0
20	17	15	02	0	0	—	16.8	22	44	9	0
360	5	35	02	0	0	—	16.4	23	53	13	0
360	5	10	00	0	0	—	15.5	20	64	13	0
00	0		00	0	1	Ac, Ci	13.3	24	61	16	0
240	5	7	02	1	3	Ci	12.6	25	47	13	0
00	0	12	00	0	0	—	12.3	27	48	15	0
00	0	50	00	0	0	—	11.2	32	28	11	0
00	0	35	00	0	0	—	17.1	23	61	15	0
00	0	15	02	0	0	—	17.0	22	50	11	0
320	6	35	00	0	0	—	15.4	23	18	-3	0
00	0	15	00	0	0	—	14.4	23	38	8	0
360	6	35	02	0	0	—	15.8	22	53	12	0
310	2	15	01	1	0	—	14.1	24	74	19	0
310	12		00	0	0	—	12.1	26	74	21	0
360	9	15	02	0	0	—	13.0	25	84	22	0

At 0600 on Saturday 22nd October,

Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar pressure M.S.L. mbs	Diff. from normal mbs	Dry bulb	Max. Yesterday	Max. Diff. from normal	Min. Today	Min. Diff. from normal	Humidity %	Dew point °C	Rainfall (1)	Rainfall (2)	Rainfall (3)	Station
290	2	15	02	0	0	—	15.1		20	28		14		73	15	0	0		SALUM
220	5	15	01	0	1	Cu	15.2		20			16		83	17	0	0		SIDI BARANI
240	11	12	02	2	4	Sc	15.2		21			15		44	8	0	0		MATRUH
220	2	15	00	0	0	—	15.1		19	29		13		64	12	0	0		EL DABA
130	10	50	00	0	0	—	16.3	-0.6	20	26	-2	17	-3	64	13	0	dr.	4	ALEXANDRIA
150	8	12	02	0	0	—	15.9		19			15		73	14	0	0	4	[illegible]
180	2		12	0	0	—	16.6	+0.7	22	24		16		83	19	0	0	4	DAMIETTA
80	2	14	01	0	0	—	16.1		24	26		20		61	16	0	0		PORT SAID
00	0	35	02	1	2	Cu	16.4	+0.9	22	26	-2	18	+1	74	17	0	0	2	EL ARISH
180	5	1.8	42	4	0	—	16.7	0.0	19	28	-2	15	-2	88	17	0	0	3	
90	2	35	00	0	0	—	16.7	+0.5	22	29	-1	14	-3	65	15	0	0	2	
00	0	35	00	0	0	—	17.4	+0.7	20	29	-1	11	-4	83	17	0	0	2	
40	2	15	00	0	0	—	16.3	-0.4	21	29	-1	14	-1	74	16	0	0	1	
180	2	35	01	0	0	—	16.0		22	28		15		65	15	0	0		
90	10	12	00	0	0	—	15.7		20					64	13	0	0		
60	12	14	00	0	0	—	16.1	-0.3	21	28				74	16	0	0		
40	3	15	00	0	0	—	16.4	0.0	19	29	-1	15	-2	73	14	0	0	1	
40	3	15	00	0	0	—	16.7	+0.1	18	29	0	11	-4	72	13	0	0	2	
00	0	7	06	0	0	—	15.9	-0.7	21	28	-1	16	-2	65	14	0	0	1	
00	0	35	02	0	0	—	16.6	+0.4	20	29	-2	15	-2	73	15	0	0	0	
360	8	10	00	0	0	—	16.1		18	30		13		73	13	0	0		
290	8	30	00	0	0	—	16.0		20			15		69	14	0	0		
320	1	3	00	0	0	—	14.2	-0.2	23	31		19		65	16	0	0		
270	5	35	00	0	0	—	13.8	-0.1	24	35	+1	20	+2	61	16	0	dr.		
00	0	30	00	0	0	—	13.2		26	35		19		55	16	0	0		
360	9	50	00	0	0	—	13.3	0.0	25	36	0	22	+1	54	15	0	0		
00	0	35	00	0	0	—	17.6	-0.3	19	32	+1	12	-2	64	12	0	0	0	
320	2	35	02	0	0	—	17.0	0.0	20	29	-1	12	-3	56	11	0	0	0	
00	0	35	00	0	0	—	16.4	+0.6	20	30	-3	16	-1	56	11	0	0		
20	2	35	00	0	0	—	15.1	+0.3	23	30	-3	19	+1	38	8	0	0		
360	3	50	00	0	0	—	15.6	+0.1	22	30	0	18	-1	74	17	0	0.	1	
20	3	35	00	0	0	—	14.1	-0.1	21	28	0	17	-1	83	18	0	0	0	
320	15		00	0	0	—	13.0		24	26		23		69	18	0	0		
360	9	7	02	0	0	—	13.3	-0.3	26			22	-1	62	18	0	0	0	
290	9	30	03	1	6	St.	11.3		29	33		23		70	23	0	0	9	
360	4	30	00	0	0	—	13.6		22	33		17		36	6	0	0		
50	5	30	00	0	0	—	9.1		29	39		24		20	4	0	0		
360	9	30	00	0	0	—	11.2		26	37		22		25	4	0	dr.	1	
																0	0	1	
360	16	30	01	0	0	—	8.5		28	39		24		26	6	0	11	2	
200	5	30	00	0	0	—	7.5		27	39		21		55	17	0	4	5	
360	9	50	02	0	0	—	7.8		29	39		23		31	10	0	7	7	
310	5	50	02	1	4	Ci	9.8		25	37		20		79	21	0		30	
200	2		02	0	0	—				36		20			19	0	47	20	
360	10	30	00	0	0	—	10.0		26	36		21		13	0	0	24	11	
00	0	30	00	0	0	—			22	36		16		27	2	0	1	6	
50	7	30	00	0	0	—			21	36		16		23	-1	[illegible]	dr.	4	
130	2	30	02	2	5	Ac, Ci	10.1		25	30		21		79	21	0	38	62	MALAKAL
00	0	30	01	1	4	Ac, Ci	9.5		23	33		21		89	21	3	152	98	WAU
160	2	30	03	1	4	Cu, Ac	9.8		27	35		21		66	20	0	39	68	

21st.
66 -2
62 -4
55 -13
46 -7

22nd 8.1

UPPER WIND OBSERVATIONS on 21st

Station	Matruh		Hurghada	
Time	15		15	
Height m.	Dir.	Vel.	Dir.	Vel.
300	240	17	340	12
600	240	23	340	7
1000	230	16	270	9
1500	230	13	180	6
2000	220	14		
3000				
4000				
5000				
6000				
7000				
8000				

UPPER WIND OBSERVATIONS on 22nd

Station	Sidi Barrani		Matruh		Almaza Airport		Port Said		El Arish		Helwan		[illegible]		[illegible]		[illegible]		Aswan		Hurghada	
Time	9		5				3				9	15			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.
300	290	6	190	17			40	5			220	4			340	11					340	25
600	280	6	190	14			40	5?			320	3			350	16					320	21
1000	270	6					50	23?			360	5			360	16					320	13
1500	260	8					70	9							280	7					70	6
2000	280	9													230	5					270	2
3000															220	7						
4000																						
5000																						
6000																						
7000																						
8000																						

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	7		7		7		7						3	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	260	10	290	7	350	3	20	15																
600	280	12	300	6	40	5	20	19					360	24			00	0						
1000	270	11	280	8	30	14	10	23					20	21			90	5						
1500	260	13	290	18	20	24							60	19			30	11						
2000	280	11	290	12									80	14										
3000	300	25											140	9			330	4						
4000	280	30																						
5000	290	28																						
6000	280	30																						
7000																								
8000																								

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

Note: All times G. M. T.

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

CAIRO
Time of Sunrise 04 01 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 Friday 21st October, 1949

At 0200 Thurs. 20th

40	8	35	03	0	6	cu,ac	15.8	25	54	15
90	8	18	03	1	2	cu	15.6	26		
40	7	35	00	0	0	—	15.5	24	47	12
360	6	50	02	1	4	cu	16.2	24	61	16
340	10	18	02	1	3	cu	15.3	25	54	15
20	5	15	01	0	1	cu	15.9	24	61	16
50	10	30	02	1	1	sc	15.5	25	54	15
20	2	35	02	1	4	cu	16.0	25	61	17
310	9	15	02	1	3	cu	15.9	26	42	12
40	9	15	03	1	6	cu	15.5	27	59	16
80	9	35	01	1	4	cu	15.1	28	40	13
40	5	35	02	1	0	—	14.7	27	52	16
40	5	35	03	1	5	cu,ac	14.4	28	46	15
70	10	8	02	2	3	cu	14.0	28	33	10
40	10	30	02	0	1	cu	14.1	28	49	16
20	3	35	00	0	1	cu	14.0	29	40	14
20	3	35	00	0	1	cu	13.7	28	33	10
20	12	35	02	1	3	cu	13.5	28	40	13
360	5	35	02	0	0	—	14.0	28	33	10
290	2	15	00	0	3	ac	12.2	30	35	13
270	5	35	02	1	5	cc	10.3	31	38	15
340	9	50	00	0	0	—	9.9	34	34	15
360	2	35	02	0	0	—	15.4	27	33	9
360	5	50	00	0	0	—	14.0	26	35	10
20	2	35	00	0	0	—	13.1	30	31	11
00	0	35	02	0	0	—	12.2	28	52	17
310	12	35	00	0	4	As	12.2	26	70	20
360	9		01	1	4	cu	11.7	26	74	21
20	9	15	02	0	0	—	11.3	28	70	22
20	11	30	03	1	1	cu	9.3	31	62	23
360	13	30	00	0	0	—	10.9	32	13	0
90	3	30	03	1	3	cu	5.1	38	21	12
310	8	30	00	0	0	—	6.5	37	18	9
90	2	30	03	0	1	cu	5.2	37	19	10
00	0	30	02	1	7	cu,ac	5.9	35	35	17
180	2	50	02	0	0	—	5.6?	35	35	17
130	9	7	02	1	6	cu	8.6?	32	49	20
20	10	10	02	1	2	ac	5.6	35	14	3
50	3	30	00	0	0	—		34	13	2
40	2	30	00	0	0	—		34	12	1
230	2	30	03	1	3	cb,ac	6.7	33	53	22
40	2	30	01	1	4	cu,ac	8.6	33	47	20

At 1800 Thurs. 20th

40	6	15	01	0	2	cu		23	61	15	0
110	5	15		0	1	ac	16.9	20	64	13	0
140	6	12	00	1	0	—	17.1	20	60	12	0
00	0	7	00	0	0	—	16.6	18	73	13	0
40	16	7	01	1	3	sc,cu	17.4	22	53	13	0
10	4	12	02	1	3	sc	17.5	17	95	16	0
20	5		00	0	0	—	16.6	22	74	17	0
40	12	18	02	0	0	—	16.7	23	65	16	0
20	9	15	01	1	2	cu	16.2	24	61	16	0
360	5	7	02	1	2	cu	17.2	21	74	16	0
360	2		00	1	0	—	17.5	21	65	14	0
00	0	35	02	1	0	—	17.8	20	73	15	0
40	5	35	00	1	0	—	16.7	21	74	16	0
40	2	35	01	0	0	—	15.6	22	57	13	0
40	13	14	00	0	0	—	16.1	23	69	17	0
40	4	15	00	0	0	—	16.0	23	61	15	0
40	4	15	00	0	0	—	16.7	23	64	16	0
40	27	15	01	1	0	—	14.7	23	61	15	0
360	2	35	02	0	0	—	14.3	23	50	12	0
00	0	8	00	0	0	—	15.0	19	64	12	0
00	0		00	0	4	ac	13.1	23	65	16	0
270	9	7	02	1	5	cc	12.6	25	47	13	0
00	0	12	00	1	1	cu	12.3	27	40	12	0
360	4	50	00	0	0	—	11.2	31	31	12	0
00	0	35	00	0	0	—	17.9	19	52	9	0
360	2	15	02	0	0	—	16.6	21	41	7	0
320	8	35	00	0	0	—	14.6	23	44	10	0
360	1	15	00	0	0	—	14.3	24	38	9	0
00	0	35	02	0	0	—	14.2	24	61	16	0
310	2	15	00	0	0	—	13.1	24	84	21	0
290	2		00	0	0	—	12.2	23	74	18	0
360	9	15	01	1	0	—	12.7	25	74	20	0

At 0600 Friday 21st October,

200	13	15	01	0	2	ac	15.1		20	30		16				0	0	
180	15	35	03	0	6	cu	16.3		20	30		15		73	13	0	0	
200	10	12	02	2	4	sc	16.9		19	28		14?		64	12	0	0	
180	3	15	00	0	0	—	17.0		18	26		12?		83	15	0	0	
180	5	35	01	1	3	cu	18.7	+1.8	22	25	-3	19	-1	65	15	0	dr	4
										27							0	4
20	2	7	02	0	0	—	18.0	+2.1	23	25		18		65	16	0	0	4
40	5	18	01	0	0	—	17.7		24	25		22		57	15	0	0	
20	9	35	03	2	7	cb	17.4	+2.0	24	26	-2	17	0	74	19	0	0	2
360	5		02	0	0	—	17.5	+0.9	21	27	-3	16	-1	83	18	0	0	2
20	5	35	00	0	0	—	18.3?	+2.2	24	29	-1	17	0	61	16	0	0	2
40	2	35	02	0	0	—	18.8?	+2.1	20	29	-1	11	-4	88	18	0	0	2
40	2	15	00	0	0	—	17.6	+0.9	22	28	-2	16	-1	74	17	0	0	1
360	2	35	01	0	0	—	17.1		22	28		17		65	15	0	0	
70	6	12	00	0	0	—	17.8		20			16		73	15	0	0	
60	10	12	00	0	0	—	17.5	+1.2	20	28		16		88	18	0	0	
40	3	15	00	0	0	—	17.6?	+1.3	22	30	0	17	0	74	17	0	0	1
40	3	15	00	0	0	—	18.3?	+1.7	19	28	-1	15	0	72	14	0	0	2
20	22	15	00	0	0	—	17.1	+0.6	22	28	-1	20	+2	67	13	0	0	1
360	5	35	02	0	0	—	17.2	+1.1	21	29	-2	17	0	65	14	0	0	0
10	8	10	00	0	0	—	16.3		20	28		14		78	16	0	0	
310	7	30	00	0	0	—	16.4		20			16		78	16	0	0	
270	3		00	0	0	—	15.4	+1.1	23	31		19		65	16	0	0	
240	5	35	01	0	0	—	14.3	+0.5	24	32	-2	21	+3	61	16	0	dr	
120	3	30	00	0	0	—	14.1		25	34		18		42	11	0	0	
360	6	50	00	0	0	—	14.4	+1.2	20	35	-1	21	0	60	12	0	0	
00	0	35	00	0	0	—	18.3	+0.5	19	30	-2	12	-2	64	12	0	0	0
360	2	35	02	0	0	—	17.5	+0.6	20	27	-3	12	-3	64	13	0	0	0
320	5	35	00	0	0	—			19	30	-3	15	-2	52	9	0	0	
360	1	35	00	0	0	—	17.2	+2.4	23	30	-4	15	-3	57	14	0	0	
00	0	50	00	0	3	cu	16.3	+0.8	24	30	-1	19	0	74	19	0	0	1
20	2	35	00	0	4	ac	13.8	-0.3	20	26	-1	17	-1	83	17	0	0	0
290	4		03	0	1	Ac	13.4		24	26		24		69	18	0	0	
330	5	15	02	0	0	—	13.6	+0.1	26			22	-1	48	14	0	0	0
290	7	30	03	0	4	cu	13.3		29	33		24		70	23	0		8
360	11	30	00	0	0	—	15.4		23	33?		19		29	4	0	0	
50	9	30	00	0	0	—	11.0		29	40?		25		20	4	0	0	
360	17	10	00	0	0	—	12.5		27	37		23		28	7	0	dr.	1
20	2	30	00	0	1	ci	10.1		30	40		26		49	18	0	0	1
340	12	30	01	1	2	ac	11.0		29	38		27		19	3	0	11	2
180	2	30	00	0	0	—	11.0		27	40		21		58	18	0	4	5
230	5	50	02	0	0	—	9.8		28	37		21		49	16	0	7	7
130	9	50	02	1	2	sc	10.0		26	33		21		84	23	0		28
																	47	19
10	10	10	00	0	0	—	12.3		26	36		22		27	15	0	24	10
00	0	30	00	0	0	—			22	35		18		27	2	0	1	6
50	4	30	00	0	0	—			22	35		18		57	13	0	dr	4
00	0	30	03	2	8	ac	12.1		24	33		22		84	21	1	38	60
00	0	30	01	1	2	ac,ci	11.5		24	34		21		94	23	0	149	94
20	5	30	03	1	1	cb	11.9		27	34		21		70	21	0	29	65

20th
60 -8
65 -1
65 -3
54 +1

21st 4.2

20th 15h

metres				
123	27	40	30	14
1521	12	44	60	11
3176	6		210	33
5793	-12 -25		200	24

21st

4	30	4		9		9		Almaza 8	30
110	30	40	9	310	10	340	23	40	23
		30	10	330	10	320	16	30	9
		40	9	350	15	210	6	40	10
		260	8	250	8	140	16	80	4
				190	11	180	12	200	28
				190	28			190	30

Matruh 15		Port Said 15		Harghada 15	
80	14	40	29	360	13
50	10	30	7	350	12
30	6	30	11	140	2
220	5	70	20	180	11
260	23			160	13
250	15				
200	23				

20th

Height	9		9		9		7		4		4		3	45	4	45	4	
	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	210	14	30	16	50	18	360	8	350	16								
600	210	13	30	25	40	19	360	10	10	20	30	12						
1000	210	12	30	46	40	25	350	10	10	27	90	13	20	17	10	12	150	3
1500	230	11	30	60	60	3			350	15	90	12			30	21	20	5
2000	250	11	30	36					60	.7	180	1						
3000	280	26							110	3	230	4					50	14
4000	280	21																
5000	270	31									130	1						
6000																		
7000																		
8000																		

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

Note: All times G. M. T.

Fahmy.

Printed by the Survey of Egypt 1948

CAIRO
Time of Sunrise 04 02 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: Sunday 23rd October, 1949

At 1200 on Saturday 22nd

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs	Temperature °C	Humidity %	Dew point °C
Salum	20	12	15	03	0	3	Cu	14.7	24	61	16
Sidi Barani											
Matruh	360	10	18	02	1	3	Sc	14.3	25	50	17
El Daba	340	6	35	02	1	2	Cu	15.1?	27	37	11
Alexandria	40	11	50	00	0	0	—	15.1	27	65	15
Fouad (Airport)	300	11	14	02	0	0	—	14.4	28	33	10
Damietta	20	2	15	02	0	0	—	15.1	25	54	15
Port Said											
El Arish	00	0	35	01	0	0	—	14.8	25	61	17
Damanhur	40	5	15	02	1	1	Cu	15.1	28	40	13
Mansura	40	5	35	03	1	3	Cu	14.7	30	35	13
Tanta	90	5	35	01	1	4	Cu	14.7	30	35	13
Zagazig	40	6	35	00	0	0	—	14.2	28	37	13
Ismailia	360	2	35	02	0	0	—	15.2	28	40	13
Farouk (Airport)	40	6	30	00	0	0	—	13.8	28	22	4
Almaza	20		30	00	0	0	—	13.7	28	42	14
Ezbekiya	40	4	35	00	0	0	—	13.9	29	29	9
Giza	40	4	35	00	0	0	—	14.4	30	27	8
Helwan	340	6	35	02	0	0	—	13.2	29	19	3
Faiyum	360	5	35	02	0	0	—	13.8	30	31	11
Minya	20	9	12	00	0	0	—	13.5	30	25	8
Asyut	300	12	30	00	0	0	—	12.4	29	31	10
Nag Hammadi	290	1	7	00	0	0	—	11.1	30	59	21
Qena	290	5	50	00	0	0	—	10.3	32	43	18
Luxor											
Aswan	340	8	50	00	0	0	—	9.1	35	32	16
Siwa	270	6	35	00	0	0	—	16.8	30	40	15
Bahariya	320	4	35	02	0	0	—	14.7	29	29	9
Farafra											
Dakhla	360	6	50	00	0	0	—	13.2	30	21	5
Kharga	360	5	35	00	0	0	—	12.3	32	38	16
Suez	360	6	50	02	0	0	—	12.4	29	35	12
Tor	310	10	35	00	0	0	—	11.1	26	70	20
Hurghada	330	10		00	0	0	—	11.3	26	74	21
Quseir	360	9	15	02	0	0	—	10.7	28	70	22
Port Sudan	10	7	30	01	1	1	St.	9.6	31	74	26
Wadi Halfa	360	11	50	00	0	0	—	9.1	34	22	9
Abu Hamad	90	5	30	00	0	0	—	5.2	39	10	2
Kareima	40	3	30	00	0	0	—	5.6	38	18	10
Atbara	20	13	7	07	0	0	—	3.8	38	11	1
Khartum	10	2	30	02	0	0	—	3.3	39	10	2
Kassala	00	0	30	03	0	2	Cu	1.4	39	23	14
Wad Medani	00	0	35	02	0	2	Cb	2.2	39	23	14
Renk	310	5	50	01	0	4	Ci		35	39	19
Roseires	250	2	35	00	0	0	—	2.7	36	35	18
El Obeid	20	13	30	00	0	0	—	4.8	36	14	5
El Fasher	60	34	30	00	0	0	—		35	10	-1
Geneina	360	8	30	00	0	0	—		34	9	-4
Malakal	30	4	30	01	1	2	Cu, Ci	5.4	33	44	19
Wau	350	2	30	01	0	4	Cu	5.5	34	41	19
Juba	70	2	7	04	1	4	Cu, Ac	4.1	35	32	16

At 1800 on Saturday 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	360	11	15	01	0	3	Cu	16.4	21	83	18	0
Sidi Barani	360	9	15	01	0	2	Cu	17.4			18	0
Matruh	20	9	12	02	1	3	Sc	15.2	22	78	18	0
El Daba	360	1	7	00	0	0	—	14.7	21	74	16	0
Alexandria	360	4	7	01	1	2	Cu	15.1	23	61	15	0
Fouad (Airport)	90	5	12	02	0	0	—	15.5	23	61	15	0
Damietta	20	2		02	0	0	—	16.0	23	65	16	0
Port Said	20	6	18	02	0	0	—	15.6	22	69	16	0
El Arish	20	5	15	03	1	2	Cu	15.2	23	65	16	0
Damanhur	40	5	7	02	0	0	—	15.4	20	83	17	0
Mansura	20	5		00	1	0	—	16.0	21	74	16	0
Tanta	00	0	35	02	1	0	—	15.4	21	74	16	0
Zagazig	40	2	35	00	0	0	—	15.8	21	83	18	0
Ismailia	20	2	35	01	0	0	—	15.4	21	74	16	0
Farouk (Airport)												
Almaza	50	9	12	00	0	0	—	15.1	24	57	15	0
Ezbekiya	40	3	15	00	0	0	—	15.4	23	47	11	0
Giza	40	3	15	00	0	0	—	15.5	23	46	10	0
Helwan	340	11	15	02	0	0	—	14.8	24	32	4	0
Faiyum	360	2	35	02	0	0	—	14.4	22	50	11	0
Minya	10	1	10	00	0	0	—	14.5	18	68	12	0
Asyut												
Nag Hammadi	00	0		00	0	0	—	12.6	23	65	16	0
Qena	240	5	7	00	0	0	—	10.7	27	42	13	0
Luxor	220	9	12	00	0	0	—	11.5	27	35	10	0
Aswan	360	5	50	00	0	0	—	10.2	33	30	13	0
Siwa	00	0	35	00	0	0	—	16.3	25	70	19	0
Bahariya	320	2	15	02	0	0	—	15.4	23	44	10	0
Farafra												
Dakhla	320	9	35	00	0	0	—	15.0	23	38	6	0
Kharga	00	0	15	00	0	0	—	13.5	24	32	6	0
Suez	00	0	35	02	0	0	—	15.1	22	65	15	0
Tor	180	13	15	00	0	0	—	12.3	23	65	16	0
Hurghada	300	12		00	0	0	—	11.1	26	58	17	0
Quseir	360	9	15	02	0	0	—	10.7	25	74	20	0

At 0600 on Sunday 23rd October.

Station	Wind Direction	Wind Velocity in 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	320	5	15	00	0	4	Cu, Ac	18.7		21	26		15		65	14	0	0	
Sidi Barani	00	0	15	02	0	2	Ac	18.4		22	24		17		65	15	0	0	
Matruh	50	5	12	02	2	6	Cu	17.2?		22	27		19		61	14	0.2	0.2	
El Daba	340	5	7	03	2	5	Sc	17.5?		23	30		18		78	19	0	0	
Alexandria	360	7	50	01	1	4	Sc, Cu	17.4	+0.4	23	27	-1	18	-1	65	16	0	dr.	4
Fouad (Airport)	250	7	12	02	1	4	Cu	17.2		21			16		74	16	0	0	4
Damietta	220	2	3	11	0	1	Cu	17.4	+1.1	20	25		17		88	18	0	0	4
Port Said	220	4	15	01	0	2	Cu, Ac	16.6		22	26		19		74	17	0	0	
El Arish	220	2	35	04	1	5	St	16.3	+0.7	19	26	-2	15	-2	83	16	0	0	3
Damanhur	40	9	3	02	0	0	—	15.4	-1.3	20	29	-1	15	-1	83	17	0	0	3
Mansura	360	2	35	00	0	0	—	17.0	+0.8	21	31	+1	16	-1	74	16	0	0	2
Tanta	00	0	35	02	0	0	—	17.8	+1.0	19	30	0	11	-4	88	17	0	0	2
Zagazig	140	2	15	00	0	0	—	16.3	-0.5	20	30	0	14	-1	83	17	0	0	1
Ismailia	160	2	35	01	1	0	—	15.8		22	29		17		74	17	0	0	
Farouk (Airport)	270	3	6	05	1	0	—	16.5		19			16		73	14	0	0	
Almaza	270	2	3	10	0	0	—	16.4	0.0	20	30		16		83	17	0	0	
Ezbekiya	360	3	15	00	0	0	—	16.6	+0.2	19	30	+1	16	-1	83	16	0	0	1
Giza	360	3	15	00	0	0	—	16.8	+0.1	18	30	+1	13	-2	73	13	0	0	2
Helwan	00	0	7	00	0	0	—	16.3	-0.3	21	29	0	17	0	57	12	0	0	1
Faiyum	00	0	35	02	0	0	—	16.7	-0.5	21	30	-1	15	-2	65	14	0	0	0
Minya	00	0	10	00	0	0	—	16.2		20	30		12		60	12	0	0	
Asyut	00	0	30	00	0	0	—	15.9		21			16		47	9	0	0	
Nag Hammadi	320	1	3	00	0	0	—	16.4	+1.9	23	32		18		61	15	0	0	
Qena	290	5	7	00	0	0	—	14.9	+1.0	24	34	0	20	+3	54	14	0	dr.	
Luxor	00	0	30	00	0	0	—	14.1		25	35		19		42	11	0	0	
Aswan	360	5	50	00	0	0	—	13.5	+0.1	26	36	0	22	+2	42	12	0	0	
Siwa	00	0	35	00	0	0	—	19.0	+1.1	19	30	-1	15	+1	52	9	0	0	0
Bahariya	270	2	35	02	0	0	—	16.4	-0.6	21	31	+1	14	-1	50	10	0	0	0
Farafra																			
Dakhla	360	3	35	00	0	0	—	15.4	-0.5	20	30	-3	17	0	46	8	0	0	
Kharga	00	0	15	00	0	0	—	15.1	+0.2	22	32	-1	16	-2	50	11	0	0	
Suez	00	0	50	00	0	0	—	15.8	+0.2	23	30	0	16	-3	65	16	0	0	1
Tor	310	8	35	00	0	0	—	13.3	-1.0	24	27	-1	19	+1	54	14	0	0	0
Hurghada	270	6		00	0	0	—	12.7		25	26		23		74	20	0	0	
Quseir	360	13	15	02	0	0	—	12.1	-1.6	27			22	-1	52	16	0	0	0
Port Sudan	310	5	30	01	1	1	Cu	12.4		28	32		23		79	24	0	0	9
Wadi Halfa	10	7	30	00	0	0	—	13.4		24	35		24		22	1	0	0	
Abu Hamad	70	5	30	00	0	0	—	9.7		28	39		22		25	6	0	0	
Kareima	50	6	30	00	0	0	—	9.0		29	39		25		55	19	0	dr.	1
Atbara	360	9	30	00	0	0	—	8.2		27	39		23		35	10	0	0	1
Khartum	30	10	30	02	0	0	—	7.3		28	39		25		31	9	0	11	3
Kassala	110	5	30	00	0	0	—	6.9		30	40		22		43	16	0	4	6
Wad Medani	50	9	50	02	0	0	—	6.8		27	41		19		45	14	0	7	8
Renk	310	9	50	02	0	0	—	7.9		29	35		21		66	22	0		31
Roseires	210	1	35	02	0	0	—	7.8		28	36		21		58	19	0	47	21
El Obeid	360	12	30	01	0	1	Ac	8.2		27	36		23		23	4	0	24	11
El Fasher	00	0	30	00	0	1	Cu			23	36		17		27	3	0	1	6
Geneina	50	11	30	00		0	—			23	35		16		44	10	0	dr.	4
Malakal	00	0	30	03	4	3	Ac	8.2		27	33		22		84	24	0	38	64
Wau	00	0	30	01	1	4	Ac	8.2		24	35		21		84	21	0	152	101
Juba	00	0	10	02	2	8	Ci	8.5		27	35		19		70	21	0	29	71

HUMIDITY Mean of day

Station	22nd	Diff. from normal
Alexandria	63	-5
Ezbekiya	52	-14
Giza	53	-15
Aswan	42	-11

GIZA
Grass minimum temp. 23rd 8.0 °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 22nd At 15h.

Pressure mbs.	Height above metres	Temp °C	Humid %	Wind Dir.	Wind Vel.
1000	123	27	25	20	4
950					
900					
850	1511	11	47	20	6
800					
700	3111	4	18	230	27
600					
500	5749	-13		260	56
400		-28			
300	9372	-48		260	66

UPPER WIND OBSERVATIONS on 22nd

Station	Matruh		Hurghada	
Time	15		15.	
Height m.	Dir.	Vel.	Dir.	Vel.
300	340	10	340	22
600	320	13	300	9
1000	290	12	290	3
1500	250	18	320	3
2000	290	14		
3000				
4000				
5000				
6000				
7000				
8000				

UPPER WIND OBSERVATIONS on 23rd

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada	
Time			4	30			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.
300			50	12			300	2							340	8			360	13	340	25
600							50	3							10	16			20	23	320	16
1000							340	3							360	16			30	20	300	17
1500							340	3							320	10			100	6	250	22
2000							310	9							230	7			120	9	220	16
3000															240	13					210	34
4000																						
5000																						
6000																						
7000																						
8000																						

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	9		9		9		7		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	40	4	30	3	20	6	360	4	10	22														
600	50	3	40	3	20	10	350	6	30	29														
1000	70	6	20	5	20	9	340	3	40	21													110	3
1500	10	11	360	9	360	13			50	18													50	11
2000	340	19			190	14																		
3000	340	35							160	11													50	21
4000	350	38							10	6														
5000	330	33																						
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of 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.

CAIRO

Time of Sunrise 04 01 G.M.T.

Sunset 15 18 G.M.T.

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

Form No.

DAILY WEATHER REPORT

Date Saturday 22nd October,

At 1200 Friday 21st — At 1800 Friday 21st

220	13	35	02	0	1	cu	15.0	27	52	16	90	4	15	03	0	7	cu	15.0	23	65	16	0
220	9	35	01	3	4	cu, ac	15.1	28	40	13	90	2	15	01	0	3	ac	15.8	21	83	18	0
270	11	18	03	1	5	Sc	15.5	29	40	14												0
40	10	35	00	0	0	—	15.4	25	58	16	110	4	7	00	0	0	—	15.8	20	64	13	0
360	3	50	01	1	3	cu	17.4	24	62	16	90	3	7	00	0	0	—	17.6	21	65	14	0
360	10	18	00	0	0	—	16.9	25	47	13												
40	2	15	00	0	0	—	16.6	24	47	12	320	2		02	0	0	—	17.9	21	65	14	0
360	10	30	02	0	1	Sc	16.2	23	50	12	10	11	18	02	0	1	Sc	17.3	22	65	15	0
360	9	35	01	1	4	cu	15.9	24	74	19	340	5	35	01	0	1	cu	16.7	23	65	16	0
40	9	15	02	0	0	—	17.8	27	52	16	40	9	7	02	0	0	—	17.8	20	83	17	0
00	0	35	00	1	0	—	16.4	28	40	13	360	5		00	0	0	—	18.4	19	73	14	0
90	8	35	01	1	3	cu	16.4	28	40	13	90	2	35	02	1	0	—	18.6	20	73	15	0
40	5	35	02	1	0	—	15.8	27	55	17	60	2	35	00	1	0	—	17.6	19	73	14	0
20	5	35	02	1	3	ac	16.6	27	42	13	360	2	35	01	0	0	—	17.1	20	64	13	0
20	12	30	03	0	2	cu	15.0	28	52	17	40	12	14	00	0	0	—	17.4	21	65	14	0
40	5	35	00	0	2	cu	14.8	29	40	14	40	4	15	00	0	0	—	17.2	21	57	12	0
40	5	35	00	0	2	cu		29	35	12	40	4	15	00	0	0	—	17.9	21	50	10	0
20	15	35	03	0	1	cu	14.4	28	33	10	20	17	15	02	0	0	—	16.8	22	44	9	0
360	8	35	02	0	0	—	14.4	28	40	13	360	5	35	02	0	0	—	16.4	23	53	13	0
10	11	12	00	0	0	—	14.2	30	38	14	360	5	10	00	0	0	—	15.5	20	64	13	0
290	1	7	00	0	3	ac, ci	12.2	30	46	17	00	0		00	0	1	ac, ci	13.3	24	61	16	0
240	6	50	03	1	3	ci	11.6	31	49	19	240	5	7	02	1	3	ci	12.6	25	47	13	0
											00	0	12	00	0	0	—	12.3	27	48	15	0
00	0	50	00	0	0	—	11.0	34	32	15	00	0	50	00	0	0	—	11.2	32	28	11	0
220	5	35	00	0	0	—	18.4	30	66	23	00	0	35	00	0	0	—	17.1	23	61	15	0
360	5	35	02	0	0	—	16.0	28	33	10	00	0	15	02	0	0	—	17.0	22	50	11	0
320	6	50	00	0	0	—	13.6	27	27	6	320	6	35	00	0	0	—	15.4	23	18	-3	0
360	1	35	00	0	0	—	13.4	30	31	11	00	0	15	00	0	0	—	14.4	23	38	8	0
360	6	50	01	0	0	—	13.3	28	58	19	360	6	35	02	0	0	—	15.8	22	53	12	0
310	9	35	01	1	0	—	12.0	28	55	18	310	2	15	01	1	0	—	14.1	24	74	19	0
350	9		03	1	1	ac	11.7	26	74	22	310	12		00	0	0	—	12.1	26	74	21	0
20	9	15	02	0	0	—	13.0	28	62	20	360	9	15	02	0	0	—	13.0	25	84	22	0
20	12	30	00	0	0	—	10.1	31	59	22												
360	10	30	00	0	0	—	11.4	32	17	4												
90	3	30	02	0	0	—	6.7	38	15	7												
360	11	30	02	0	0	—	8.0	37	18	9												
340	5	30	03	1	4	cu	5.0	39	20	12												
350	10	10	01	0	0	—	5.8	37	12	3												
310	9	50	02	0	2	cu	6.2	36	31	16												
20	3	10	00	0	0	—	6.6	35	13	3												
130	3	30	03	0	1	ac		35	13	3												
20	2	30	00	0	0	—		34	12	1												
200	6	30	01	2	6	cb, ac	8.6	30	59	21												
40	2	30	17	1	6	cb, ac	7.0	32	46	19												
50	5	30	03	1	3	cu, ac	6.4	35	32	16												

At 0600 Saturday 22nd October,

290	2	15	02	0	0	—	15.1		20	28		14		73	15	0	0	
220	5	15	01	0	1	cu	15.2		20			16		83	17	0	0	
240	11	12	02	2	4	Sc	15.2		21			15		44	8	0	0	
220	2	15	00	0	0	—	15.1		19	29		13		64	12	0	0	
130	10	50	00	0	0	—	16.3	-0.6	20	26	-2	17	-3	64	13	0	dr.	4
150	8	12	02	0	0	—	15.9		19			15		73	14	0	0	4
180	2		12	0	0	—	16.6	+0.7	22	24		16		83	19	0	0	4
80	2	14	01	0	0	—	16.1		24	26		20		61	16	0	0	
00	0	35	02	1	2	cu	16.4	+0.9	22	26	-2	18	+1	74	17	0	0	2
180	5	1.8	42	4	0	—	16.7	0.0	19	28	-2	15	-2	88	17	0	0	3
90	2	35	00	0	0	—	16.7?	+0.5	22	29	-1	14	-3	65	15	0	0	2
00	0	35	00	0	0	—	17.4	+0.7	20	29	-1	11	-4	83	17	0	0	2
40	2	15	00	0	0	—	16.3	-0.4	21	29	-1	14	-1	74	16	0	0	1
180	2	35	01	0	0	—	16.0		22	28		15		65	15	0	0	
90	10	12	00	0	0	—	15.7		20					64	13	0	0	
60	12	14	00	0	0	—	16.1	-0.3	21	28				74	16	0	0	
40	3	15	00	0	0	—	16.4	0.0	19	29	-1	15	-2	73	14	0	0	1
40	3	15	00	0	0	—	16.7	+0.1	18	29	0	11	-4	72	13	0	0	2
00	0	7	06	0	0	—	15.9	-0.7	21	28	-1	16	-2	65	14	0	0	1
00	0	35	02	0	0	—	16.6	+0.4	20	29	-2	15	-2	73	15	0	0	0
360	8	10	00	0	0	—	16.1		18	30		13		73	13	0	0	
290	8	30	00	0	0	—	16.0		20			15		69	14	0	0	
320	1	3	00	0	0	—	14.2	-0.2	23	31		19		65	16	0	0	
270	5	35	00	0	0	—	13.8	-0.1	24	35	+1	20	+2	61	16	0	dr.	
60	0	30	00	0	0	—	13.2		26	35		19		55	16	0	0	
360	9	50	00	0	0	—	13.3	0.0	25	36	0	22	+1	54	15	0	0	
00	0	35	00	0	0	—	17.6	-0.3	19	32	+1	12	-2	64	12	0	0	0
320	2	35	02	0	0	—	17.0	0.0	20	29	-1	12	-3	56	11	0	0	0
00	0	35	00	0	0	—	16.4	+0.6	20	30	-3	16	-1	56	11	0	0	
20	2	35	00	0	0	—	15.1	+0.3	23	30	-3	19	+1	38	8	0	0	
360	3	50	00	0	0	—	15.6	+0.1	22	30	0	18	-1	74	17	0	0.	1
20	3	35	00	0	0	—	14.1	-0.1	21	28	0	17	-1	83	18	0	0	0
320	15		00	0	0	—	13.0		24	26		23		69	18	0	0	
360	9	7	02	0	0	—	13.3	-0.3	26			22	-1	62	18	0	0	0
290	9	30	03	1	6	St.	11.3		29	33		23		70	23	0	0	9
360	4	30	00	0	0	—	13.6		22	33		17		36	6	0	0	
50	5	30	00	0	0	—	9.1		29	39		24		20	4	0	0	
360	9	30	00	0	0	—	11.2		26	37		22		25	4	0	dr.	1
																0	0	1
360	16	30	01	0	0	—	8.5		28	39		24		26	6	0	11	2
200	5	30	00	0	0	—	7.5		27	39		21		55	17	0	4	5
360	9	50	02	0	0	—	7.8		29	39		23		31	10	0	7	7
310	5	50	02	1	4	ci	9.8		25	37		20		79	21	0		30
200	2		02	0	0	—				36		20			79	0	47	20
360	10	30	00	0	0	—	10.0		26	36		21		13	0	0	24	11
00	0	30	00	0	0	—			22	36		16		27	2	0	1	6
50	7	30	00	0	0	—			21	36		16		23	-½	½	dr.	4
130	2	30	02	2	5	ac, ci	10.1		25	30		21		79	21	0	38	62
00	0	30	01	1	4	ac, ci	9.5		23	33		21		89	21	3	152	98
160	2	30	03	1	4	cu, ac	9.8		27	35		21		66	20	0	29	68

22nd

21st.

66	-2
62	-4
55	-13
46	-7

22nd 8.1

9	5	3	9 15	9	9
290 6	190 17	40 5	220 4	340 11	340 25
280 6	190 14	40 5?	320 3	350 16	320 21
270 6		50 23	360 5	360 16	320 13
260 8		70 9		280 7	70 6
280 9				230 5	270 2
				220 7	

21st

Matruh	Hurghada
15	15
240 17	340 12
240 23	340 7
230 16	270 9
230 13	180 6
220 14	

Height	9	9	9	7	3 30	3 30
300	260 10	290 7	350 3	20 15		
600	280 12	300 6	40 5	20 19	360 24	00 0
1000	270 11	280 8	30 14	10 23	20 21	90 5
1500	260 13	290 18	20 24		60 19	30 11
2000	280 11	290 12			80 14	
3000	300 25				140 9	330 4
4000	280 30					
5000	290 28					
6000	280 30					
7000						
8000						

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

Note: All times G. M. T.

CAIRO
Time of Sunrise 04 03 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: Monday 24th October, 1949

At 1200 on Sun. 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
SALUM	20	8	35	03	0	3	cu	17.5	23	61	15
SIDI BARANI	340	4	15	03	8	6	cu	18.4	22	83	19
MATRUH	30	5	18	02	2	5	cu	17.8	23	61	15
EL DABA	360	5	35	00	0	0	—	17.5	24	61	16
ALEXANDRIA	360	11	50	02	2	6	cu	17.1	22	65	15
FOUAD (Airport)	340	14	18	02	1	4	cu	16.8	25	54	15
DAMIETTA	340	2	15	03	1	3	cu	16.2	25	61	17
PORT SAID	350	2	30	02	0	1	cu, ac	15.6	24	65	17
EL ARISH	360	5	35	01	0	1	ci	13.8	24	69	18
DAMANHUR	340	9	15	02	1	3	cu	16.6	26	62	18
MANSURA	360	9	35	03	1	6	cu	15.8	27	52	16
TANTA	90	5	35	01	1	4	cu	16.4	28	52	17
ZAGAZIG	320	5	35	02	1	3	sc	15.4	28	45	15
ISMAILIA	290	2	35	03	1	5	ac	16.7	29	35	12
FAROUK (Airport)											
ALMAZA	320	8	30	02	0	4	cu	14.9	27	52	16
EZBEKIYA	360	3	35	00	0	2	cu	15.5	28	40	13
GIZA	360	3	35	00	0	2	cu	15.2	28	32	10
HELWAN	320	16	35	03	2		cu, ci	14.8	27	33	9
FAIYUM	360	8	35	03	1	6	ci	14.8	28	33	10
MINYA	20	9	12	02	1	2	ci	15.3	28	42	14
ASYUT	320	8	30	00	0	0	—	13.3	28	37	12
NAG HAMMADI	270	2	7	00	0	0	—	11.4	30	35	13
QENA	270	5	50	00	0	0	—	11.1	33	34	15
LUXOR											
ASWAN	360	10	50	00	0	0	—	9.8	34	27	12
SIWA	00	0	35	00	0	0	—	19.4	29	40	14
BAHARIYA	360	4	35	02	1	4	ac	15.4	28	42	13
FARAFRA											
DAKHLA	320	9	50	00	0	0	—		28	27	7
KHARGA	360	5	35	00	0	0	—	13.6	28	29	8
SUEZ	360	6	50	00	0	0	—	13.6	28	40	13
TOR	310	12	35	00	0	0	—	11.6	26	70	20
HURGHADA	340	14		00	0	0	—	11.3	27	58	18
QUSEIR	20	9	15	02	0	0	—	11.4	28	52	17
PORT SUDAN	20	9	30	01	0	1	cu	9.1	31	66	24
WADI HALFA	20	11	50	03	0	1	ci	8.8	35	13	3
ABU HAMAD	90	8	30	00	0	0	—	4.9	38	6	-7
KAREIMA	50	8	30	00	0	0	—	5.4	38	13	5
ATBARA	340	5	10	00	0	0	—	3.5	37	13	4
KHARTUM	20	14	30	02	0	0	—	3.3	38	15	7
KASSALA	130	5	30	00	0	0	—	2.2	38	18	10
WAD MEDANI											
RENK											
ROSEIRES	250	2	35	02	0	2	ac	3.0	37	33	18
EL OBEID	50	10	30	02	0	1	cu	2.9	36	12	2
EL FASHER	110	4	30	03	0	3	cu, ac		35	22	10
GENEINA	50	12	30	00	0	0	—		33	10	-2
MALAKAL	230	2	30	01	2	6	cu	4.6	33	53	22
WAU	310	8	30	01	1	5	cb	5.9	34	44	20
JUBA	50	5	10	03	2	8	cu, ci	3.3	34	36	17

At 1800 on Sun. 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	15	01	0	0	—	18.3	20	73	15	0
SIDI BARANI	340	5	7	01	0	0	—	19.4	20	83	17	1
MATRUH	360	7	12	00	1	0	—	18.5	21	65	14	0
EL DABA	340	4	7	02	1	3	cu	18.0	21	65	14	0
ALEXANDRIA	330	13	15	01	2	5	sc	17.5	21	65	14	0
FOUAD (Airport)	340	5	12	02	0	4	sc	17.5	21	65	14	0
DAMIETTA	340	2		01	0	0	—	16.3	22	65	15	0
PORT SAID	340	15	15	03	0	1	sc	15.7	23	74	18	0
EL ARISH	360	5	15	02	1	2	cu	14.8	23	65	16	0
DAMANHUR	360	9	7	02	3	0	—	17.8	20	83	17	0
MANSURA	360	5		00	1	0	—	17.5	20	75	15	0
TANTA	00	0	35	02	1	0	—	18.2	22	78	17	0
ZAGAZIG	320	2	35	00	1	0	—	17.4	20	83	17	0
ISMAILIA	340	2	35	03	1	5	ac	16.8	22	83	19	0
FAROUK (Airport)												
ALMAZA	360	10	12	01	1	1	ac	17.5	22	83	19	0
EZBEKIYA	360	3	15	00	0	3	ac	17.4	23	69	17	0
GIZA	360	3	15	00	0	3	ac	18.2	22	67	15	0
HELWAN	360	16	15	01	1	0	—	17.4	22	65	15	0
FAIYUM	360	5	35	02	1	6	ci	15.2	24	54	14	0
MINYA	00	0	8	00	0	0	—	15.6	21	57	12	0
ASYUT												
NAG HAMMADI	00	0		00	0	0	—	13.3	22	74	17	0
QENA	270	2	7	00	0	0	—	12.3	23	50	12	0
LUXOR	00	0	12	00	0	0	—	12.5	25	39	10	0
ASWAN	360	4	50	00	0	0	—	11.0	32	28	11	0
SIWA	00	0	35	00	0	0	—	18.8	21	50	10	0
BAHARIYA	360	3	15	02	1	0	—	16.3	23	50	12	0
FARAFRA												
DAKHLA	320	6	35	00	0	0	—	15.9	24	38	9	0
KHARGA	340	1	15	00	0	0	—	14.8	23	38	8	0
SUEZ	360	3	35	02	0	0	—	15.8	22	74	17	0
TOR	360	8	15	00	0	0	—	13.4	25	74	20	0
HURGHADA	290	5		00	0	0	—	11.9	24	61	16	0
QUSEIR	360	9	15	02	0	0	—	11.7	25	70	19	0

At 0600 on Monday 24th October,

Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar Pressure M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb	Maximum Yesterday	Maximum Diff from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st	Station
320	4	15	00	0	1	cu	19.5		20	25		14		73	15	0	0		SALUM
200	4	35	01	0	1	cu	20.4		19	23		14		88	17	1	1		SIDI BARANI
290	5	12	02	2	4	cu	19.7		21	25		15		74	16	0	0.2		MATRUH
270	1	15	02	1	2	cu	19.9		19			14		73	14	0	0		EL DABA
40	5	50	02	1	5	cu	19.8	+2.8	23	26	-2	18	-1	61	15	0	dr.	4	ALEXANDRIA
330	4	12	02	1	5	st, ci	19.2		23	26		18		57	14	0	0	4	FOUAD (Airport)
270	2		50	5	7	cb	18.6	+2.6	20	27		15		83	17	dr.	dr.	4	DAMIETTA
										26							0		PORT SAID
220	5	35	03	2	8	cb	17.5	+1.9	23	28	0	17	+1	74	18	0	0	3	EL ARISH
360	5	3	02	1	1	cu	19.1	+2.3	20	27	-2	15	-1	88	18	0	0	3	DAMANHUR
270	2	35	00	1	0	—	19.1	+2.9	20	29	-1	16	-1	73	15	0	0	2	MANSURA
00	0	35	01	1	4	cu	19.9	+3.0	17	28	-2	11	-4	77	13	0	0	2	TANTA
320	2	15	02	1	4	ci	19.4	+2.6	21	30	0	14	-1	74	16	0	0	1	ZAGAZIG
320	2	35	03	2	7	ac	18.4		21	30		17		70	14	dr.	dr.		ISMAILIA
																0	0		FAROUK (Airport)
00	0	12	03	0	6	ac, ci	19.3	+2.9	19	28		16		83	16	0	0		ALMAZA
360	3	15	00	0	3	ci	19.5	+3.1	20	29	0	17	0	78	16	0	0	1	EZBEKIYA
360	3	15	00	0	3	ci	19.5	+2.8	18	29	0	14	-1	71	13	0	0	2	GIZA
00	0	7	03	1	5	ci	19.6	+2.9	19	27	-2	17	0	73	14	0	0	1	HELWAN
360	3	35	02	2	6	ci	20.0	+3.7	20	29	-2	16	0	73	15	0	0	0	FAIYUM
10	6	10	02	1	5	cc	18.8		19	30		16		83	16	0	0		MINYA
340	4	30	00	0	3	ci	19.1		20			18		69	14	0	0		ASYUT
00	0	7	01	1	5	ac, ci	17.4	+2.8	22	31		15	-2	78	18	0	0		NAG HAMMADI
290	5	7	02	0	4	cc	16.7	+2.7	21	35	+1	17	-1	74	16	0	dr.		QENA
00	0	30	03	1	4		16.0		23	34		18		38	8	0	0		LUXOR
360	9	50	00	0	0	—	15.0	+1.5	23	36	0	21	+1	50	12	0	0		ASWAN
00	0	35	00	0	0	—	20.3	+2.3	19	29	-2	14	0	73	14	0	0	0	SIWA
360	3	35	02	1	5	ac	19.9	+2.8	18	30	0	15	0	88	16	0	0	0	BAHARIYA
																			FARAFRA
90	5	35	00	0	0	—	17.5	+1.5	20	30	-3	17	+1	69	14	0	0		DAKHLA
340	2	35	00	0	5	ci	17.2	+2.2	23	31	-2	18	0	61	15	0	0		KHARGA
360	4	35	00	0	5	cu	18.4	+2.8	21	29	-1	19	+1	74	16	0	0	1	SUEZ
360	1	35	00	0	0	—	15.6	+1.2	22	28	0	17	-1	61	14	0	0	0	TOR
310	7		02	0	5	ci	15.6		24	26		19		61	16	0	0		HURGHADA
360	19	15	00	2	6	ac	15.1	+1.3	26			23		48	14	0	0	0	QUSEIR
290	8	30	01	1	3	sc	13.2		29	32		25		74	24	0	0	10	PORT SUDAN
360	15	50	00	0	0	—	14.1		23	36		19		34	6	0	0		WADI HALFA
50	5	30	00	0	0	—	10.5		28	39		22		25	6	0	0		ABU HAMAD
50	6	30	00	0	0	—	10.4		28	39		24		25	6	0	dr.	1	KAREIMA
50	9	30	00	0	0	—	9.3		28	39		23		42	14	0	0	1	ATBARA
70	13	50	02	1	7	ac	6.3		31	40		22		43	17	0	11	3	KHARTUM
100	5	30	03	0	5	ci	7.1		32	41		23		36	15	0	4	6	KASSALA
																	7	8	WAD MEDANI
310	9	50	01	1	4	sc	7.3		26	37		21		79	22	0		33	RENK
160	2	35	00	0	0	—	7.4		29	37		22		62	21	0	47	22	ROSEIRES
20	9	30	03	0	3	ac	8.8		27	37		20		20	2	0	24	12	EL OBEID
00	0	30	00	0	0	—				37		17			9	0	1	6	EL FASHER
50	10	30	00	0	0	—			23	35		18		27	3	0	dr.	4	GENEINA
90	2	30	25	8	7	sc, ac	9.4		23	34		21		94	22	dr.	38	66	MALAKAL
00	0	30	25	5	7	ac	7.6		26	35		23		79	22	dr.	152	104	WAU
00	0	30	02	2	8	ci	9.3		27			20		70	21	0	29	74	JUBA

HUMIDITY

Mean of day

Station	On 23rd	Diff. from normal
Alexandria	68	0
Ezbekiya	71	+4
Giza	64	-5
Helwan	55	+2

GIZA
Grass minimum temp.
24th 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 — Airport — On 23rd At 15h

Pressure mbs.	Height above metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	132	26	30	360	16
950					
900					
850	1536	14	45	350	11
800					
700	3174	8		270	19
600					
500	5829	-2		260	34
400		-20			
300	9584	-37		270	91

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	Matruh		Port Said		Asyut		Hurghada	
Time	15		14		15		15	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	330	10	350	13	330	17	330	38
600	340	13	340	15	330	21	340	25
1000	360	13	320	13	350	19	330	17
1500	300	14			360	14	240	11
2000					290	9	240	11
3000							240	27
4000								
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 24th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		Hurghadu	
Time	9		4	30			8								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	10	6	350	8			290	6							340	12			10	10			340	35
600	330	4	320	9			320	8							350	16			30	23			320	24
1000	340	5					320	6							360	15			30	18			310	16
1500	350	8					320	5							350	22			60	6			290	20
2000	360	6					320	5							350	24			90	5			200	7
3000	10	5																					190	7
4000	340	9																						
5000																								
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	9		9		9		7												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.
300	120	11	20	18	30	13	10	20																
600	120	11	30	23	20	15	10	31															360	5
1000	70	11	40	21	20	20	10	32											20	27	20	15	210	4
1500	20	9	40	23			30	25											30	24	50	21	100	5
2000	20	11	360	19			10	2															80	6
3000	290	11																	120	2	90	7	60	12
4000																					110	10		
5000																								
6000																								
7000																								
8000																								

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

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

Note: All times G. M. T.

CAIRO

Time of Sunrise 04 02 G. M. T.

Time of Sunset 15 17 G. M. T.

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

Form No. 7 F

DAILY WEATHER REPORT

Date: Sunday 23rd October, 1949

At 1200 on Satur 22nd

Row	Wind dir.	Wind vel.	Visibility	Present weather	Past weather	Cloud amount	Cloud form	Pressure	Temp.	Humidity	Dew point
1	20	12	15	03	0	3	Cu	14.7	24	61	16
2											
3	360	10	18	02	1	3	Sc	14.3?	25	50	17
4	340	6	35	02	1	2	Cu	15.1?	27	37	11
5	40	11	50	00	0	0	—	15.1	27	65	15
6	300	11	14	02	0	0	—	14.4	28	33	10
7	20	2	15	02	0	0	—	15.1	25	54	15
8											
9	00	0	35	01	0	0	—	14.8	25	61	17
10	40	5	15	02	1	1	Cu	15.1	28	40	13
11	40	5	35	03	1	3	Cu	14.7	30	35	13
12	90	5	35	01	1	4	Cu	14.7	30	35	13
13	40	6	35	00	0	0	—	14.2	28	37	13
14	360	2	35	02	0	0	—	15.2	28	40	13
15	40	6	30	00	0	0	—	13.8	28	22	4
16	20		30	00	0	0	—	13.7	28	42	14
17	40	4	35	00	0	0	—	13.9	29	29	9
18	40	4	35	00	0	0	—	14.4	30	27	8
19	340	6	35	02	0	0	—	13.2	29	19	3
20	360	5	35	02	0	0	—	13.8	30	31	11
21	20	9	12	00	0	0	—	13.5	30	25	8
22	300	12	30	00	0	0	—	12.4	29	31	10
23	290	1	7	00	0	0	—	11.1	30	59	21
24	290	5	50	00	0	0	—	10.3	32	43	18
25											
26	340	8	50	00	0	0	—	9.1	35	32	16
27	270	6	35	00	0	0	—	16.8	30	40	15
28	320	4	35	02	0	0	—	14.7	29	29	9
29	360	6	50	00	0	0	—	13.2	30	21	5
30	360	5	35	00	0	0	—	12.3	32	38	16
31	360	6	50	02	0	0	—	12.4	29	35	12
32	310	10	35	00	0	0	—	11.1	26	70	20
33	330	10		00	0	0	—	11.3	26	74	21
34	360	9	15	02	0	0	—	10.7	28	70	22
35	10	7	30	01	1	1	St	9.6	31	74	26
36	360	11	50	00	0	0	—	9.1	34	22	9
37	90	5	30	00	0	0	—	5.2	39	10	2
38	40	3	30	00	0	0	—	5.6	38	18	10
39	20	13	7	07	0	0	—	3.8	38	11	1
40	10	2	30	02	0	0	—	3.3	39	10	2
41	00	0	30	03	0	2	Cu	1.4	39	23	14
42	00	0	35	02	0	2	Cb	2.2	39	23	14
43	310	5	50	01	0	4	Ci		35	39	19
44	250	2	35	00	0	0	—	2.7	36	35	18
45	20	13	30	00	0	0	—	4.8	36	14	5
46	60	34	30	00	0	0	—		35	10	-1
47	360	8	30	00	0	0	—		34	9	-4
48	30	4	30	01	1	2	Cu, Ci	5.4	33	44	19
49	350	2	30	01	0	4	Cu	5.5	34	41	19
50	70	2	7	04	1	4	Cu, Ac	4.1	35	32	16

At 1800 on Satur 22nd

Row	Wind dir.	Wind vel.	Visibility	Present weather	Past weather	Cloud amount	Cloud form	Pressure	Temp.	Humidity	Dew point	Rain
1	360	11	15	01	0	3	Cu	16.4	21	83	18	0
2	360	9	15	01	0	2	Cu	17.4			18	0
3	20	9	12	02	1	3	Sc	15.2	22	78	18	0
4	360	1	7	00	0	0	—	14.7	21	74	16	0
5	360	4	7	01	1	2	Cu	15.1	23	61	15	0
6	90	5	12	02	0	0	—	15.5	23	61	15	0
7	20	2		02	0	0	—	16.0	23	65	16	0
8	20	6	18	02	0	0	—	15.6	22	69	16	0
9	20	5	15	03	1	2	Cu	15.2	23	65	16	0
10	40	5	7	02	0	0	—	15.4	20	83	17	0
11	20	5		00	1	0	—	16.0	21	74	16	0
12	00	0	35	02	1	0	—	15.4	21	74	16	0
13	40	2	35	00	0	0	—	15.8	21	83	18	0
14	20	2	35	01	0	0	—	15.4	21	74	16	0
15												
16	50	9	12	00	0	0	—	15.1	24	57	15	0
17	40	3	15	00	0	0	—	15.4	23	47	11	0
18	40	3	15	00	0	0	—	15.5	23	46	10	0
19	340	11	15	02	0	0	—	14.8	24	32	4	0
20	360	2	35	02	0	0	—	14.4	22	50	11	0
21	10	1	10	00	0	0	—	14.5	18	68	12	0
22												
23	00	0		00	0	0	—	12.6	23	65	16	0
24	240	5	7	00	0	0	—	10.7	27	42	13	0
25	220	9	12	00	0	0	—	11.5	27	35	10	0
26	360	5	50	00	0	0	—	10.2	33	30	13	0
27	00	0	35	00	0	0	—	16.3	25	70	19	0
28	320	2	15	02	0	0	—	15.4	23	44	10	0
29	320	9	35	00	0	0	—	15.0	23	38	8	0
30	00	0	15	00	0	0	—	13.5	24	32	6	0
31	00	0	35	02	0	0	—	15.1	22	65	15	0
32	180	13	15	00	0	0	—	12.3	23	65	16	0
33	300	12		00	0	0	—	11.1	26	58	17	0
34	360	9	15	02	0	0	—	10.7	25	74	20	0

At 0600 on Sunday 23rd October,

Row	Wind dir.	Wind vel.	Visibility	Present weather	Past weather	Cloud amount	Cloud form	Pressure	Tendency	Temp.	Max.	Max. dep.	Min.	Min. dep.	Humidity	Dew point	Rain	Rain	Rain days
1	320	5	15	00	0	4	Cu, Ac	18.7		21	26		15		65	14	0	0	
2	00	0	15	02	0	2	Ac	18.4		22	24		17		65	15	0	0	
3	50	5	12	02	2	6	Cu	17.2?		22	27		19		61	14	0.2	0.2	
4	340	5	7	03	2	5	Sc	17.5?		23	30		18		78	19	0	0	
5	360	7	50	01	1	4	Sc, Cu	17.4	+0.4	23	27	-1	18	-1	65	16	0	dr.	4
6	250	7	12	02	1	4	Cu	17.2		21			16		74	16	0	0	4
7	220	2	3	11	0	1	Cu	17.1	+1.1	20	25		17		88	18	0	0	4
8	220	4	15	01	0	2	Cu, Ac	16.6		22	26		19		74	17	0	0	
9	220	2	35	04	1	5	St	16.3	+0.7	19	26	-2	15	-2	83	16	0	0	3
10	40	9	3	02	0	0	—	15.4	-1.3	20	29	-1	15	-1	83	17	0	0	3
11	360	2	35	00	0	0	—	17.0	+0.8	21	31	+1	16	-1	74	16	0	0	2
12	00	0	35	02	0	0	—	17.8	+1.0	19	30	0	11	-4	88	17	0	0	2
13	140	2	15	00	0	0	—	16.3	-0.5	20	30	0	14	-1	83	17	0	0	1
14	160	2	35	01	1	0	—	15.8		22	29		17		74	17	0	0	
15	270	3	6	05	1	0	—	16.5		19			16		73	14	0	0	
16	270	2	3	10	0	0	—	16.4	0.0	20	30		16		83	17	0	0	
17	360	3	15	00	0	0	—	16.6	+0.2	19	30	+1	16	-1	83	16	0	0	1
18	360	3	15	00	0	0	—	16.8	+0.1	18	30	+1	13	-2	73	13	0	0	2
19	00	0	7	00	0	0	—	16.3	-0.3	21	29	0	17	0	57	12	0	0	1
20	00	0	35	02	0	0	—	16.7	-0.5	21	30	-1	15	-2	65	14	0	0	0
21	00	0	10	00	0	0	—	16.2		20	30		12		60	12	0	0	
22	00	0	30	00	0	0	—	15.9		21			16		47	9	0	0	
23	320	1	3	00	0	0	—	16.4	+1.9	23	32		18		61	15	0	0	
24	290	5	7	00	0	0	—	14.9	+1.0	24	34	0	20	+3	54	14	0	dr.	
25	00	0	30	00	0	0	—	14.1		25	35		19		42	11	0	0	
26	360	5	50	00	0	0	—	13.5	+0.1	26	36	0	22	+2	42	12	0	0	
27	00	0	35	00	0	0	—	19.0	+1.1	19	30	-1	15	+1	52	9	0	0	0
28	270	2	35	02	0	0	—	16.4	-0.6	21	31	+1	14	-1	50	10	0	0	0
29	360	3	35	00	0	0	—	15.4	-0.5	20	30	-3	17	0	46	8	0	0	
30	00	0	15	00	0	0	—	15.1	+0.2	22	32	-1	16	-2	50	11	0	0	
31	00	6	50	00	0	0	—	15.8	+0.2	23	30	0	16	-3	65	16	0	0	1
32	310	8	35	00	0	0	—	13.3	-1.0	24	27	-1	19	+1	54	14	0	0	0
33	270	6		00	0	0	—	12.7		25	26		23		74	20	0	0	
34	360	13	15	02	0	0	—	12.1	-1.6	27			22	-1	52	16	0	0	0
35	310	5	30	01	1	1	Cu	12.4		28	32		23		79	24	0	0	9
36	10	7	30	00	0	0	—	13.4		24	35		24		22	1	0	0	
37	70	5	30	00	0	0	—	9.7		28	39		22		25	6	0	0	
38	50	6	30	00	0	0	—	9.0		29	39		25		65	19	0	dr.	1
39	360	9	30	00	0	0	—	8.2		27	39		23		35	10	0	0	1
40	30	10	30	02	0	0	—	7.3		28	39		25		31	9	0	11	3
41	110	5	30	00	0	0	—	6.9		30	40		22		43	16	0	4	6
42	50	9	50	02	0	0	—	6.8		27	41		19		45	14	0	7	8
43	310	9	50	02	0	0	—	7.9		29	35		21		66	22	0		31
44	210	1	35	02	0	0	—	7.8		28	36		21		58	19	0	47	21
45	360	12	30	01	0	1	Ac	8.2		27	36		23		23	4	0	24	11
46	00	0	30	00	0	1	Cu			23	36		17		27	3	0	1	6
47	50	11	30	00		0	—			23	35		16		44	10	0	dr.	4
48	00	0	30	03	4	3	Ac	8.2		27	33		22		84	24	0	38	64
49	00	0	30	01	1	4	Ac	8.2		24	35		21		84	21	0	152	101
50	00	0	10	02	2	8	Ci	8.5		27	35		19		70	21	0	29	71

22nd

63	-5
52	-14
53	-15
42	-11

23rd 8.0

22nd 15h.

metres				
123	27	25	20	4
1511	11	47	20	6
3111	4	18	230	27
5749	-13		260	56
	-28			
9372	-48		260	66

23rd

4 30		9		9		5	1	
50	12	300	2	340	8	360 13	340	25
		50	3	10	16	20 23	320	16
		340	3	360	16	30 20	300	17
		340	3	320	10	100 6	250	22
		310	9	230	7	120 9	220	16
				240	13		210	34

22nd

Matruh 15		Hurghada 15.	
340	10	340	22
320	13	300	9
290	12	290	3
250	18	320	3
290	14		

Station	Siwa		Baharia		Dakhla		Kharga		Wadi Halfa		[illegible]	
Time	9		9		9		7		4		3 30	
Height M.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	40	4	30	3	20	8	360	4	10	22		
600	50	3	40	3	20	10	350	6	30	29		
1000	70	6	20	5	20	9	340	3	40	21	110	3
1500	10	11	360	9	360	13			50	18	50	11
2000	340	19			190	14						
3000	340	35							160	11	50	21
4000	350	38							10	6		
5000	330	33										
6000												
7000												
8000												

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

Printed by the Survey of Egypt 1946

Note: All times G. M. T.

CAIRO
Time of Sunrise 04 03 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 : Tuesday 25th October, 1949

At 1200 on Mon. 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.	RAIN PAST 12 hrs mms.
MEDITERRANEAN	62300	SALÛM	70	7	15	02	0	3	Cu	19.2	23	65	16	
	62303	SÎDI BARÂNI	320	8	15	03	1	2	Cu	20.2	23	74	18	
	62306	MATRÛH	360	11	18	02	1	4	Cu	19.8	24	57	15	
	62309	EL DABA	340	8	35	00	0	0	—	18.6	24	44	11	
		ALEXANDRIA	330	9	50	01	1	4	Cu	19.4	24	57	15	
	62318	FOUAD (Airport)	330	9	18	02	1	3	Cu, Cu	19.1	24	54	14	
	62330	DAMIETTA	360	2	15	01	1	4	Cu	18.2	23	61	15	
	62333	PORT SAÏD	340	11	30	01	1	1	Sc, Cu	18.3	23	61	15	
	62336	EL 'ARISH	300	9	35	01	1	3	Cu	17.5	24	69	18	
LOWER EGYPT	62339	DAMANHÛR	40	9	15	02	1	3	Cu	19.5	25	54	15	
	62342	MANSÛRA	360	7	15	03	2	6	Cu	18.7	26	42	12	
	62348	TANTA	360	5	35	01	1	4	Cu	18.8	26	61	17	
	62354	ZAGAZIG	320	5	35	02	1	4	Cu	17.9	26	48	14	
	62441	ISMAÏLIA	290	2	50	03	1	6	Ac, Cu	19.1	26	48	14	
CAIRO AREA	62366	FAROUK (Airport)	360	6	18	02	1	4	Cu	15.9	25	42	11	
	62372	ALMÂZA	360	13	30	02	1	4	Cu, Cu	17.7	26	62	18	
		EZBEKÎYA	340	5	35	00	0	3	Cu, Cu	18.0	26	48	14	
		GÎZA	340	5	35	00	0	3	Cu, Cu	18.3	26	43	12	
	62378	HELWÂN	360	15	15	02	2	6	Cu, Cu	18.3	25	42	11	
UPPER EGYPT	62381	FAIYÛM	360	8	35	02	2	6	Ci	17.9	26	37	10	
	62387	MINYA	10	11	12	02	1	3	Ci	17.1	27	40	12	
	62393	ASYÛT MANQABÂD												
	62399	NAG' HAMMÂDI	290	2	15	01	1	3	Ci	13.9	30	40	15	
	62402	QENA	290	5	50	01	0	2	Ci	13.3	33	34	15	
	62405	LUXOR												
	62414	ASWÂN	340	11	50	01	1	4	As	12.0	34	29	13	
OASES	62417	SÎWA	00	0	35	00	0	0	—	20.6	28	45	15	
	62420	BAHARÎYA	360	4	35	02	1	5	Ac	18.3	26	48	14	
	62423	FARAFRA												
	62432	DAKHLA	360	6	50	00	0	0	—	16.0	29	29	9	
	62435	KHARGA	360	5	35	00	0	2	Ci	15.1	30	31	11	
RED SEA	62450	SUEZ	00	0	35	01	0	3	Ac	16.8	25	54	15	
	62459	TÛR	310	7	35	00	0	4	Ci	14.0	27	52	16	
	62462	HURGHÂDA	340	16		02	1	4	Ci	13.8	26	62	18	
	62465	QUSEIR	40	13	15	02	2	6	Ci	13.3	27	62	19	
	62641	PORT SÛDÂN	350	13	30	01	1	2	Cu	11.4	31	66	24	
NORTH SÛDÂN	62600	WÂDI HALFA	20	15	50	03	0	2	Ac	9.4	36	12	2	
	62640	ABU HAMAD	130	2	30	00	0	0	—	6.0	36	19	9	
	62660	KAREIMA	50	9	30	00	0	0	—	6.4	36	17	7	
	62680	'ATBARA	160	2	30	00	0	0	—	4.7	38	10	10	
	62721	KHARTÛM	50	7	30	02	0	0	—	4.9	37	14	6	
	62780	KASSALA	110	2	30	02	1	4	Ci	2.7	39	20	12	
CENTRAL SÛDÂN	62751	WÂD MEDANI	50	9	35	02	0	7	Ac	2.6	40	14	8	
	62801	RENK	310	9	50	02	1	4	Sc	3.3	36	31	16	
	62802	ROSEIRES	290	2	35	02	1	6	Ac	2.7	36	31	16	
	62771	EL OBEID	30	11	30	01	1	1	Ac	4.2	37	11	1	
	62760	EL FÂSHER	90	5	30	00	0	0	—		36	13	4	
	62770	GENEINA	90	10	30	01	1	4	Ac, Ci		35	18	7	
S. SÛDÂN	62840	MALAKÂL	360	2	30	06	2	8	Ci, Ac	6.3	29	52	18	
	62880	WÂU	40	1	30	03	8	4	Ci, Ac	3.6	35	39	19	
	62941	JUBA												

At 1800 on Mon. 24th

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	320	3	15	02	0	0	—	20.3	20	73	15	0
62303	00	0	7	01	0	0	—	21.4	18	83	15	0
62306	350	2	12	01	0	0	—	20.7	20	73	15	0
62309	320	3	7	00	0	0	—	20.5	19	83	16	0
	360	6	15	01	1	3	Cu	20.7	21	74	6	0
62318	320	4	12	02	1	4	Sc	20.5	20	73	15	0
62330	320	2		00	0	0	—	19.1	19	83	16	0
62333	350	6	18	01	0	1	Sc	19.5	22	65	15	0
62336	00	0	15	02	1	3	Cu	17.4	22	65	15	0
62339	360	9	7	02	0	0	—	20.0	20	83	17	0
62342	20	5		00	1	0	—	20.7	20	73	15	0
62348	00	0	36	02	1	0	—	20.8	19	73	14	0
62354	320	2	35	00	1	0	—	20.3	19	83	16	0
62441	360	2	35	01	0	0	—	19.6	20	73	15	0
62366												
62372	10	8	12	00	1	1	—	20.2	21	78	17	0
	20	3	15	00	0	0	—	20.3	20	69	14	0
	20	3	15	00	0	0	—	20.6	21	64	14	0
62378	360	11	15	01	1	0	—	20.3	22	50	11	0
62381	360	5	35	01	0	0	—	19.2	22	50	11	0
62387	10	5	8	02	1	2	Ci	18.5	20	60	12	0
62393												
62399	00	0		00	0	0	—	15.4	22	65	15	0
62402	270	2	7	02	0	2	Ci	14.8	24	54	14	0
62405	00	0	12	03	1	2	Ci	14.5	25	45	12	0
62414	360	9	50	00	0	0	—	13.6	32	24	9	0
62417	00	0	35	00	0	0	—	20.6	29	43	15	0
62420	360	3	15	02	1	0	—	19.4	22	65	15	0
62423												
62432	00	0	35	00	0	0	—		31	28	10	0
62435	360	6	15	00	0	0	—	17.0	22	44	9	0
62450	360	3	15	01	0	0	—	18.0	21	83	18	0
62459	130	3	15	01	0	2	Ci		24	54	14	0
62462	00	0		00	1	0	—	15.2	24	61	16	0
62465	310	9	15	01	1	3	Ci	15.1	25	61	17	0
62641												
62600												
62640												
62660												
62680												
62721												
62780												
62751												
62801												
62802												
62771												
62760												
62770												
62840												
62880												
62941												

At 0600 on Tuesday 25th October

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.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL mms. Total From Oct. 1st.	RAINFALL mms. Normal From Oct. 1st.	STATION
62300	320	4	15	02	0	0	—	21.0		21	25		14		65	14	0	0		SALUM
62303	200	3	15	02	0	0	—	21.6		18	26		13		88	16	0	1		SÎDI BARÂNI
62306	270	3	18	01	1	1	Cu	21.4		20	25		15		73	15	0	0.2		MATRÛH
62309	270	4	15	01	1	1	Cu	21.7		20	25		14		73	15	0	0		EL DABA
	40	3	50	01	2	3	Cu	21.9	+4.7	22	25	-2	17	0	65	15	0	dr.	4	ALEXANDRIA
62318	200	5	18	02	1	4	Cu	21.8		20	25		16		78	16	0	0	4	FOUAD (Airport)
62330	220	3	3	11	1	3	Sc	21.1	+5.1	21	24		15		74	16	0	dr.	4	DAMIETTA
62333	260	5	8	03	0	3	Cu	20.8		22	25		20		78	18	0	0		PORT SAÏD
62336	00	0	35	02	1	3	Sc	20.6	+5.0	20	26	-2	17	+1	73	15	0	0	3	EL 'ARISH
62339	230	5	3	03	1	2	Cu	21.1	+4.3	20	26	-3	15	-1	83	17	0	0	3	DAMANHÛR
62342	270	2	35	00	0	0	—	21.5	+5.2	21	28	-2	15	-2	74	16	0	0	2	MANSÛRA
62348	00	0	35	02	0	0	—	21.5	+4.6	17	27	-3	10	-5	88	15	0	0	2	TANTA
62354	220	2	15	00	0	0	—	21.8	+5.0	21	28	-2	14	-1	74	16	0	0	1	ZAGAZIG
62441	220	2	35	01	0	0	—	21.0		20	27		15		73	15	0	dr.		ISMAÏLIA
62366																		0		FAROUK (Airport)
62372	00	0	10	03	0	1	Ac	21.7	+5.1	20			15		83	17	0	0		ALMÂZA
	360	2	15	00	0	0	—	21.9	+5.3	19	28	-1	15	-2	73	14	0	0	1	EZBEKÎYA
	360	2	15	00	0	0	—	22.4	+5.6	18	27	-2	12	-3	72	13	0	0	2	GÎZA
62378	00	0	7	00	0	1	Ci	21.8	+5.1	18	26	-3	16	-1	83	15	0	0	1	HELWÂN
62381	360	5	35	02	0	0	—	21.9	+5.5	20	26	-5	15	-1	73	15	0	0	0	FAIYÛM
62387	360	5	10	02	1	3	Ci	20.7		18	27		14		78	14	0	0		MINYA
62393	340	3	30	00	0	3	Ci	20.3		19			15		73	14	0	0		ASYÛT MANQABÂD
62399	00	0	7	01	1	4	Ac	18.4	+3.7	23	30		15		61	15	0	0		NAG' HAMMÂDI
62402	290	5	15	03	1	4	Cc			20	34	0	17	0	64	13	0	dr.		QENA
62405											32							0		LUXOR
62414	360	6	50	00	0	0	—	17.2	+3.6	23	35	-1	20	0	57	14	0	0		ASWÂN
62417	00	0	35	00	0	0	—	22.2	+4.2	20	29	-2	13	0	46	8	0	0	0	SÎWA
62420	360	2	35	02	1	3	Ac	21.5	+4.4	19	27	-3	13	-2	83	16	0	0	0	BAHARÎYA
62423																				FARAFRA
62432	360	4	35	00	0	0	—	20.1	+4.0	20			18	+2	56	11	0	0		DAKHLA
62435	20	6	15	00	0	2	Cl	19.0	+3.9	22	30	-3	18	+1	50	11	0	0		KHARGA
62450	00	0	35	00	0	0	—	20.2	+4.5	20	26	-4	15	-3	73	15	0	0	1	SUEZ
62459	20	2	35	Cl	0	2	Ac	17.7	+3.3	21	27	-1	17	0	57	12	0	0	0	TÛR
62462	310	18		03	1	5	Cc	17.9		23	26		18		61	15	0	0		HURGHADA
62465	360	19	15	00	1	3	Ci	17.2	+3.3	25			22	0	61	17	0	0	0	QUSEIR
62641	310	15	10	01	1	4	Sc	14.7		29	32		25		79	25	0	0	10	PORT SÛDÂN
62600	10	5	30	00	0	0	—	15.1		23	37		19		41	9	0	0		WÂDI HALFA
62640	110	9	30	00	0	0	—	11.6		29	38		25		31	10	0	0		ABU HAMAD
62660	50	12	30	00	0	0	—	10.3		29	37		27		33	11	0	dr.	1	KAREIMA
62680	70	5	10	00	0	0	—	10.2		29	39		24		33	11	0	0	1	'ATBARA
62721	50	10	30	02	0	0	—	8.7		31	38		25		31	12	0	11	3	KHARTÛM
62780	130	5	30	00	1	8	Ci	9.3		30	40		22		43	16	0	4	6	KASSALA
62751	90	9	7	02	8	4	Ac	8.7		29	40		22		49	17	dr.	7	8	WÂD MEDANI
62801	130	9	50	02	1	4	Sc	9.0		27	38		22		70	21	0		34	RENK
62802	200	2	35	02	1	2	Ac	10.0		24	38		19		74	19	0	47	23	ROSEIRES
62771	360	7	30	03	0	3	Ac	9.8		27	37		21		20	2	0	24	12	EL OBEID
62760	350	2	30	00	0	0	—			23	37		18		27	3	0	1	6	EL FÂSHER
62770	50	10	30	00	0	0	—			25	36		18		32	7	0	dr.	4	GENEINA
62840	00	0	30	02	1	6	Ac	10.4		25	31		20		84	22	dr.	38	68	MALAKÂL
62880	120	8	30	01	2	6	Ac	10.0		24	35		21		79	20	dr.	152	107	WÂU
62941																	0	29	77	JUBA

HUMIDITY

Mean of day

STATION	on 24th %	Diff. from normal
Alexandria	57	-11
Ezbekiya	67	0
Giza	62	-7
Helwân	58	+5

GÎZA
GRASS MINIMUM TEMP.
ON 25th 8.4 °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

PRESSURE mbs.	HEIGHT ABOVE M.S.L. Metres	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	157	22	47	20	7
950					
900					
850	1538	9	76	30	11
800					
700	3136	5		300	24
600					
500	5809	-9		260	39
400		-22			
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

HEIGHT m.	Matruh DIR.	Matruh VEL.	DIR.	VEL.	Port Said DIR.	Port Said VEL.	DIR.	VEL.	Hurghada DIR.	Hurghada VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
TIME	15				15				15															
300	330	12			340	24			330	26														
600	330	11			350	5			340	26														
1000	310	13			360	13			340	30														
1500	300	17			340	10			300	16														
2000	310	29																						
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 25th

HEIGHT m.	SÎDI BARÂNI DIR.	SÎDI BARÂNI VEL.	MATRÛH DIR.	MATRÛH VEL.	FOUAD AIRPORT DIR.	FOUAD AIRPORT VEL.	PORT 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	9		5				4				9				9				5		9		8	30
300	300	5	320	7			280	9			20	5			330	9			360	15	340	30	350	4
600	290	3	340	7			300	9			10	5			360	18			20	25	320	30	360	6
1000	300	5	330	8			300	9			10	11			10	23			20	29	310	25	10	8
1500	310	2	330	23			300	7			340	21			360	28			50	6	300	20	340	14
2000	300	2									330	20			340	33			80	10			310	24
3000	220	13									310	18			340	30							310	24
4000	280	13																					270	22
5000																							280	20
6000																								
7000																								
8000																								

STATION	SÎWA DIR.	SÎWA VEL.	BAHARÎYA DIR.	BAHARÎYA VEL.	DAKHLA DIR.	DAKHLA VEL.	KHARGA DIR.	KHARGA VEL.	WÂDI HALFA DIR.	WÂDI HALFA VEL.	ABÛ HAMAD DIR.	ABÛ HAMAD VEL.	KAREIMA DIR.	KAREIMA VEL.	KHARTÛM DIR.	KHARTÛM VEL.	KASSALA DIR.	KASSALA VEL.	EL OBEID DIR.	EL OBEID VEL.	EL FÂSHER DIR.	EL FÂSHER VEL.	MALAKÂL DIR.	MALAKÂL VEL.
TIME	9		9		9		7												4		5		4	
300	100	8	30	24	60	11	20	22															230	1
600	110	9	20	23	60	10	20	30															190	4
1000	80	9	10	18	50	8													20	18			150	4
1500	60	4	30	23	50														30	21	70	31	50	4
2000	270	6																						
3000	300	19																					70	13
4000	280	31																						
5000	280	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.

Note: All times G. M. T.

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

CAIRO

Time of Sunrise 04 03 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 : Monday 24th October, 1949

At 1200 on Sun. 23rd

Station	Wind Direction	Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Sallum	20	8	35	03	0	3	cu	17.5	23	61	15
Sidi Barrani	340	4	15	03	8	6	cu	18.4	22	83	19
Matruh	30	5	18	02	2	5	cu	17.8	23	61	15
El Daba	360	5	35	00	0	0	—	17.5	24	61	16
Alexandria	360	11	50	02	2	6	cu	17.1	22	65	15
Fouad (Airport)	340	14	18	02	1	4	cu	16.8	25	54	15
Damietta	340	2	15	03	1	3	cu	16.2	25	61	17
Port Said	350	2	30	02	0	1	cu, ac	15.6	24	65	17
El Arish	360	5	35	01	0	1	ci	15.8	24	69	18
Damanhur	340	9	15	02	1	3	cu	16.6	26	62	18
Mansura	360	9	35	03	1	6	cu	15.8	27	52	16
Tanta	90	5	35	01	1	4	cu	16.4	28	52	17
Zagazig	320	5	35	02	1	3	sc	15.4	28	45	15
Ismailia	250	2	35	03	1	5	ac	16.7	29	35	12
Faruk (Airport)											
Almaza	320	8	30	02	0	4	cu	14.9	27	52	16
Ezbekiya	360	3	35	00	0	2	cu	15.5	28	40	13
Giza	360	3	35	00	0	2	cu	15.2	28	32	10
Helwan	320	16	35	03	2		cu, ci	14.8	27	33	9
Fayum	360	8	35	03	1	6	ci	14.8	28	33	10
Minya	20	9	12	02	1	2	ci	15.3	28	42	14
Asyut	320	8	30	00	0	0	—	13.3	28	37	12
Nag Hammadi	270	2	7	00	0	0	—	11.4	30	35	13
Qena	270	5	50	00	0	0	—	11.1	33	34	15
Luxor											
Aswan	360	10	50	00	0	0	—	9.8	34	27	12
Siwa	00	0	35	00	0	0	—	19.4	29	40	14
Bahariya	360	4	35	02	1	4	ac	15.4	28	42	13
Farafra											
Dakhla	320	9	50	00	0	0	—		28	27	7
Kharga	360	5	35	00	0	0	—	13.6	28	29	8
Suez	360	6	50	00	0	0	—	13.6	28	40	13
Tor	310	12	35	00	0	0	—	11.6	26	70	20
Hurghada	340	14		00	0	0	—	11.3	27	58	18
Quseir	20	9	15	02	0	0	—	11.4	28	52	17
Port Sudan	20	9	30	01	0	1	cu	9.1	31	66	24
Wadi Halfa	20	11	50	03	0	1	ci	8.8	35	13	3
Abu Hamad	90	8	30	00	0	0	—	4.9	38	6	-7
Kareima	50	8	30	00	0	0	—	5.4	38	13	5
Atbara	340	5	10	00	0	0	—	3.5	37	13	4
Khartum	20	14	30	02	0	0	—	3.3	38	15	7
Kassala	130	5	30	00	0	0	—	2.2	38	18	10
Wad Medani											
Kosti											
Roseires	250	2	35	02	0	2	ac	3.0	37	33	18
El Obeid	50	10	30	02	0	1	cu	2.9	36	12	2
El Fasher	110	4	30	03	0	3	cu, ac		35	22	10
Geneina	50	12	30	00	0	0	—		33	10	-2
Malakal	230	2	30	01	2	6	cu	4.6	33	53	22
Wau	310	8	30	01	1	5	cb	5.9	34	44	20
Juba	50	5	10	03	2	8	cu, ci	3.3	34	36	17

At 1800 on Sun. 23rd

Station	Wind Direction	Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
Sallum	320	7	15	01	0	0	—	18.3	20	73	15	0
Sidi Barrani	340	5	7	01	0	0	—	19.4	20	63	17	1
Matruh	360	7	12	00	1	0	—	18.5	21	65	14	0
El Daba	340	4	7	02	1	3	cu	18.0	21	65	14	0
Alexandria	330	13	15	01	2	5	sc	17.5	21	65	14	0
Fouad (Airport)	340	5	12	02	0	4	sc	17.5	21	65	14	0
Damietta	340	2		01	0	0	—	16.3	22	65	15	0
Port Said	340	15	15	03	0	1	sc	15.7	23	74	18	0
El Arish	360	5	15	02	1	2	cu	14.8	23	65	16	0
Damanhur	360	9	7	02	1	0	—	17.8	20	83	17	0
Mansura	360	5		00	1	0	—	17.5	20	75	15	0
Tanta	00	0	35	02	1	0	—	18.2	22	78	17	0
Zagazig	320	2	35	00	1	0	—	17.4	20	83	17	0
Ismailia	340	2	35	03	1	5	ac	16.8	22	83	19	0
Faruk (Airport)												
Almaza	360	10	12	01	1	1	ac	17.5	22	83	19	0
Ezbekiya	360	3	15	00	0	3	ac	17.4	23	69	17	0
Giza	360	3	15	00	0	3	ac	18.2	22	67	15	0
Helwan	360	16	15	01	1	0	—	17.4	22	65	15	0
Fayum	360	5	35	02	1	6	ci	15.2	24	54	14	0
Minya	00	0	8	00	0	0	—	15.6	21	57	12	0
Asyut												
Nag Hammadi	00	0		00	0	0	—	13.3	22	74	17	0
Qena	270	2	7	00	0	0	—	12.3	23	50	12	0
Luxor	00	0	12	00	0	0	—	12.5	25	39	10	0
Aswan	360	4	50	00	0	0	—	11.0	32	28	11	0
Siwa	00	0	35	00	0	0	—	18.8	21	50	10	0
Bahariya	360	3	15	02	1	0	—	16.3	23	50	12	0
Dakhla	320	6	35	00	0	0	—	15.9	24	38	9	0
Kharga	340	1	15	00	0	0	—	14.8	23	38	8	0
Suez	366	3	35	02	0	0	—	15.8	22	74	17	0
Tor	360	8	15	00	0	0	—	13.4	25	74	20	0
Hurghada	290	5		00	0	0	—	11.9	24	61	16	0
Quseir	360	9	15	02	0	0	—	11.7	25	70	19	0

At 0600 on Monday 24th October,

Station	Wind Direction	Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar M.S.L. mbs	Diff. from normal mbs	Dry Bulb	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
Sallum	320	4	15	00	0	1	cu	19.5		20	25		14		73	15	0	0	
Sidi Barrani	200	4	35	01	0	1	cu	20.4		19	23		14		88	17	1	1	
Matruh	290	5	12	02	2	4	cu	19.7		21	25		15		74	16	0	0.2	
El Daba	270	1	15	02	1	2	cu	19.9		19			14		73	14	0	0	
Alexandria	40	5	50	02	1	5	cu	19.8	+2.8	23	26	-2	18	-1	61	15	0	dr.	4
Fouad (Airport)	330	4	12	02	1	5	st, ci	19.2		23	26		18		57	14	0	0	4
Damietta	270	2		50	5	7	cb	18.6	+2.6	20	27		15		83	17	dr.	dr.	4
Port Said											26							0	
El Arish	220	5	35	03	2	8	cb	17.5	+1.9	23	28	0	17	+1	74	18	0	0	3
Damanhur	360	5	3	02	1	1	cu	19.1	+2.3	20	27	-2	15	-1	88	18	0	0	3
Mansura	270	2	35	00	1	0	—	19.1	+2.9	20	29	-1	16	-1	73	15	0	0	2
Tanta	00	0	35	01	1	4	cu	19.9	+3.0	17	28	-2	11	-4	77	13	0	0	2
Zagazig	320	2	15	02	1	4	ci	19.4	+2.6	21	30	0	14	-1	74	16	0	0	1
Ismailia	320	2	35	03	2	7	ac	18.4		21	30		17		70	14	dr.	dr.	
Faruk (Airport)																	0	0	
Almaza	00	0	12	03	0	6	ac, ci	19.3	+2.9	19	28		16		83	16	0	0	
Ezbekiya	360	3	15	00	0	3	ci	19.5	+3.1	20	29	0	17	0	78	16	0	0	1
Giza	360	3	15	00	0	3	ci	19.5	+2.8	18	29	0	14	-1	71	13	0	0	2
Helwan	00	0	7	03	1	5	ci	19.6	+2.9	19	27	-2	17	0	73	14	0	0	1
Fayum	360	3	35	02	2	6	ci	20.0	+3.7	20	29	-2	16	0	73	15	0	0	0
Minya	10	6	10	02	1	5	cc	18.8		19	30		16		83	16	0	0	
Asyut	340	4	30	00	0	3	ci	19.1		20			18		69	14	0	0	
Nag Hammadi	00	0	7	01	1	5	ac, ci	17.4	+2.8	22	31		15	-2	78	18	0	0	
Qena	290	5	7	02	0	4	cc	16.7	+2.7	21	35	+1	17	-1	74	16	0	dr.	
Luxor	00	0	30	03	1	4		16.0		23	34		18		38	8	0	0	
Aswan	360	9	50	00	0	0	—	15.0	+1.5	23	36	0	21	+1	50	12	0	0	
Siwa	00	0	35	00	0	0	—	20.3	+2.3	19	29	-2	14	0	73	14	0	0	0
Bahariya	360	3	35	02	1	5	ac	19.9	+2.8	18	30	0	15	0	88	16	0	0	0
Dakhla	90	5	35	00	0	0	—	17.5	+1.5	20	30	-3	17	+1	69	14	0	0	
Kharga	340	2	35	00	0	5	ci	17.2	+2.2	23	31	-2	18	0	61	15	0	0	
Suez	360	4	35	00	0	5	cu	18.4	+2.8	21	29	-1	19	+1	74	16	0	0	1
Tor	360	1	35	00	0	0	—	15.6	+1.2	22	28	0	17	-1	61	14	0	0	0
Hurghada	310	7		02	0	5	ci	15.6		24	26		19		61	18	0	0	
Quseir	360	19	15	00	2	6	ac	15.1	+1.3	26			23		48	14	0	0	0
Port Sudan	290	8	30	01	1	3	sc	13.2		29	32		25		74	24	0	0	10
Wadi Halfa	360	15	50	00	0	0	—	14.1		23	36		19		34	6	0	0	
Abu Hamad	50	5	30	00	0	0	—	10.5		28	39		22		25	6	0	0	
Kareima	50	6	30	00	0	0	—	10.4		28	39		24		25	6	0	dr.	1
Atbara	50	9	30	00	0	0	—	9.3		28	39		23		42	14	0	0	1
Khartum	70	13	50	02	1	7	ac	6.3		31	40		22		43	17	0	11	3
Kassala	100	5	30	03	0	5	ci	7.1		32	41		23		36	15	0	4	6
Wad Medani																		7	8
Kosti	310	9	50	01	1	4	sc	7.3		26	37		21		79	22	0		33
Roseires	160	2	35	00	0	0	—	7.4		29	37		22		62	21	0	47	22
El Obeid	20	9	30	03	0	3	ac	8.8		27	37		20		20	2	0	24	12
El Fasher	00	0	30	00	0	0	—				37		17			9	0	1	6
Geneina	50	10	30	00	0	0	—			23	35		18		27	3	0	dr.	4
Malakal	90	2	30	25	8	7	sc, ac	9.4		23	34		21		94	22	dr.	38	66
Wau	00	0	30	25	5	7	ac	7.6		26	35		23		79	22	dr.	152	104
Juba	00	0	30	02	2	8	ci	9.3		27			20		70	21	0	29	74

Humidity

Station	23rd	Diff. from normal
Alexandria	68	0
Ezbekiya	71	+4
Giza	64	-5
Helwan	55	+2

GIZA

Grass minimum on 24th 9.0

Remarks

Upper Air Observations

23rd 15h

Pressure mbs	Height (metres)	Temp. °C	Humidity %	Wind Dir.	Wind Vel.
1000	132	26	30	360	16
950					
900					
850	1536	14	45	350	11
800					
700	3174	8		270	19
600					
500	5829	-2		260	34
400		-20			
300	9584	-37		270	91

Upper Wind Observations on 23rd

Height m.	Matruh Dir.	Matruh Vel.	Port Said Dir.	Port Said Vel.	Asyut Dir.	Asyut Vel.	Hurghada Dir.	Hurghada Vel.
Time	15		14		15		15	
300	330	10	350	13	330	17	330	38
600	340	13	340	15	330	21	340	25
1000	360	13	320	13	350	19	330	17
1500	300	14			360	14	240	11
2000					290	9	240	11
3000							240	27
4000								
5000								
6000								
7000								
8000								

Upper Wind Observations on 24th

Height m.	Sidi Barrani Dir.	Sidi Barrani Vel.	Matruh Dir.	Matruh Vel.	Port Said Dir.	Port Said Vel.	Asyut Manqabad Dir.	Asyut Manqabad Vel.	Aswan Dir.	Aswan Vel.	Hurghadu Dir.	Hurghadu Vel.
Time	9		4	30	8		9		5		9	
300	10	6	350	8	290	6	340	12	10	10	340	35
600	330	4	320	9	320	8	350	16	30	23	320	24
1000	340	5			320	6	360	15	30	18	310	16
1500	350	8			320	5	350	22	60	6	290	20
2000	360	6			320	5	350	24	90	5	200	7
3000	10	5									190	7
4000	340	9										
5000												
6000												
7000												
8000												

Height m.	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	El Obeid Dir.	El Obeid Vel.	El Fasher Dir.	El Fasher Vel.	Malakal Dir.	Malakal Vel.
Time	9		9		9		7		4	15	4	30	4	
300	120	11	20	18	30	13	10	20						
600	120	11	30	23	20	15	10	31					360	5
1000	70	11	40	21	20	20	10	32	20	27	20	15	210	4
1500	20	9	40	23			30	25	30	24	50	21	100	5
2000	20	11	360	19			10	2					80	6
3000	290	11							120	2	90	7	60	12
4000											110	10		
5000														
6000														
7000														
8000														

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

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

Note: All times G. M. T.

CAIRO

Time of Sunrise 04 04 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 : Wednesday 26th October, 1949

At 1200 on Tues. 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.
62300	SALÛM	20	8	35	03	0	2	Cu	20.6	23	65	16
62303	SIDI BARÂNI	40	9	35	02	0	3		21.5	23	53	13
62306	MATRÛH	20	9	18	00	0	0	—	21.4	23	57	14
62309	EL DABÂ	320	7	35	00	0	0	—	20.8	24	54	14
	ALEXANDRIA	360	4	50	02	1	2	Cu	21.0	23	61	15
62318	FOUAD (Airport)	360	10	18	01	1	3	Cu	20.7	23	51	14
62330	DAMIETTA	320	5	15	02	0	1	Cu	19.8	23	50	12
62333	PORT SA'ÎD	340	8	30	02	1	2	Cu,Ac	19.8	23	61	15
62336	EL 'ARISH	320	5	35	02	1	3	Sc	17.9	24	69	18
62339	DAMANHUR	230	9	15	02	1	4	Cu	20.8	25	54	15
62342	MANSÛRA	360	9	15	03	1	5	Cu	20.3	27	43	13
62348	TANTA	360	5	35	01	1	4	Cu	20.2	25	47	13
62354	ZAGAZIG	320	5	35	00	1	3	Cu	19.8	26	48	14
62441	ISMAÎLIA	360	2	35	03	1	5	Cu	19.2	26	48	14
62356	FAROUK (Airport)											
62372	ALMÀZA	330	8	30	02	0	3	Cu	19.7	25	65	18
	EZBEKÎYA	340	5	35	00	0	1	Cu	19.6	26	45	13
	GÎZA	340	5	35	00	0	1	Cu	18.4	26	49	14
62378	HELWÂN	340	8	15	02	1	4	Cu, Ci	19.4	25	42	11
62381	FAIYÛM	360	8	35	02	0	0	—	19.2	26	42	12
62387	MINYA	20	10	12	02	1	2	Ci	19.1	27	37	11
62393	ASYÛT MANQABÂD	340	9	30	00	0	3	Ci	17.7	27	40	12
62399	NAG' HAMMÂDI	270	2	15	02	2	6	Ci	15.4	28	52	17
62402	QENA	270	5	50	02	1	4	Ac	15.0	32	34	14
62405	LUXOR	30	3	30	02	1	2	Ci	14.4	32	15	2
62414	ASWÂN	360	6	50	00	0	0	—	13.4	33	28	12
62417	SÎWA	00	0	35	00	0	0	—	21.4	28	52	17
62420	BAHARÎYA	360	4	35	02	1	3	Ac	19.7	27	42	13
62426	FARAFRA											
62432	DAKHLA	320	6	50	00	0	0	—	17.3	30	25	6
62435	KHARGA	360	6	35	00	0	6	Ci	17.0	30	21	5
62450	SUEZ	360	5	35	02	0	0	—	18.0	25	61	17
62459	TÛR	310	10	35	02	1	3	Ci	15.9	26	62	18
62462	HURGHÂDA	340	15		02	1	4	Cs	15.4	25	65	18
62465	QUSEIR	40	13	15	03	2	6	As	15.0	26	62	18
62641	PORT SÛDÂN	250	13	10	01	1	3	Cu	12.8	32	79	26
62600	WÂDI HALFA	20	11	15	00	0	0	—	10.9	35	19	8
62640	ABU HAMAD	100		10					6.6	38	16	6
62660	KAREIMA			30	00	0	0	—	7.5	37	27	15
62680	'ATBARA	30	9	10	00	0	0	—	5.5	38	16	8
62721	KHARTÛM	40	9	30	03	0	1	Cu, Ac	4.7	39	16	7
62780	KASSALA	130	5	30	01	1	6	Cs	3.0	39	16	4
62751	WÂD MEDANI											
62801	RENK											
62802	ROSEIRES	340	2	35	02	0	0	—	5.9	37	31	17
62771	EL OBEID	50	7	15	01	2		Ac		33	13	1
62760	EL FÂSHER	50	7	30	00	0	0	—		35	19	8
62770	GENEINA											
62840	MALAKÂL	230	3	30	03	1	6	Cu,Ac	6.2	33	53	22
62880	WÂU	280	7	30	03	1	4	Cu,Ac	6.0	34	39	18
62941	JUBA											

At 1800 on Tues. 25th

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms
62300	SALÛM	320	8	15	02	0	0	—	21.1	21	65	14	0
62303	SIDI BARÂNI	40	5	15	02	0	3		21.8	20	83	17	0
62306	MATRÛH	20	2	12	00	0	0	—	22.0	19	73	14	0
62309	EL DABÂ	360	9	7	02	1	2	Cu	21.5	20	69	13	0
	ALEXANDRIA	20	5	15	01	1	3	Sc,Cu	21.5	21	65	14	0
62318	FOUAD (Airport)	360	1	14	02	1	3	Sc	21.3	19	66	13	0
62330	DAMIETTA	310	2		02	0	1	Cu	20.7	21	74	16	0
62333	PORT SA'ÎD	360	8	18	03	0	2	Sc	20.5	22	65	15	0
62336	EL 'ARISH	320	3	35	02	0	2	Sc	18.7	22	65	15	0
62339	DAMANHUR	230	5	7	02	1	1	Cu	21.1	19	83	16	0
62342	MANSÛRA	360	5		00	1	0	—	21.5	19	73	14	0
62348	TANTA	00	0	35	02	0	0	—	20.2	18	88	16	0
62354	ZAGAZIG	320	2	35	00	1	0	—	20.8	19	73	14	0
62441	ISMAÎLIA	360	2	35	01	0	0	—	20.3	20	64	13	0
62356	FAROUK (Airport)												
62372	ALMÀZA	20	9	12	00	0	0	—	20.7	21	74	15	0
	EZBEKÎYA	360	4	15	00	0	0	—	20.8	20	64	13	0
	GÎZA	360	4	15	00	0	0	—	21.2	21	65	15	0
62378	HELWÂN	360	11	15	01	1	0	—	20.9	21	50	10	0
62381	FAIYÛM	360	5	35	02	0	0	—	20.3	22	57	13	0
62387	MINYA	360	3	8	01	1	2	Ci	19.3	20	64	13	0
62393	ASYÛT MANQABÂD												
62399	NAG' HAMMÂDI	00	0		02	1	4	Ci	16.4	24	47	12	0
62402	QENA	270	2	7	02	1	4	Ci	15.2	23	50	12	0
62405	LUXOR	170	4	12	00	1	0	—	15.1	24	47	12	0
62414	ASWÂN	360	6	50	00	0	0	—	14.0	26	42	12	0
62417	SÎWA	00	0	35	00	0	0	—	21.2	22	50	11	0
62420	BAHARÎYA	360	2	15	02	1	3	Ac	20.3	21	57	12	0
62426	FARAFRA												
62432	DAKHLA	320	6	35	00	0	0	—		25	36	9	0
62435	KHARGA	360	4	15	00	0	0	—	18.3	22	41	8	0
62450	SUEZ	00	0	15	00	0	5	Cu,Ac	19.4	20	73	15	0
62459	TÛR	310	9	15	01	1	2	Ci		25	54	15	0
62462	HURGHÂDA	310	17		00	1	0	—	16.1	25	58	16	0
62465	QUSEIR	310	13	15	01	1	0	—	16.4	25	61	17	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 Wednesday 26th October,

INDEX NUMBER	STATION	WIND 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	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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.
62300	SALÛM	320	4	15	00	0	1	Cu	21.0		20	25		14		64	13	0	0	
62303	SIDI BARÂNI	340	3	15	03	1	2	Cu	21.3		20	24		17		83	17	0	1	
62306	MATRÛH	270	4	12	03	2	5	Sc	20.9		19	24		14		78	14	0	0.2	
62309	EL DABÂ	270	3	7	03	2	5	Sc	20.9		20	26		14		69	14	0	0	
	ALEXANDRIA	360	8	50	01	1	5	Cu	21.0	+3.7	22	25	-2	20	+1	57	13	0	dr.	5
62318	FOUAD (Airport)	350	6	15	03	1	5	Cu	20.2		21	25				65	14	0	0	5
62330	DAMIETTA	160	2	3	11	0	1	Cu	20.3	+4.2	22	24		16		65	15	0	dr.	5
62333	PORT SA'ÎD	330	5	18	02	0	2	Sc	20.0		22	25		20		57	13	0	0	
62336	EL 'ARISH	220	2	35	03	2	6	Sc	19.2	+3.5	22	26	-2	14	-2	65	15	0	0	3
62339	DAMANHUR	360	5	3	02	1	3	Cc	21.4	+4.5	19	26	-3	15	-1	88	17	0	0	3
62342	MANSÛRA	270	5	35	01	1	1	Ci	20.8	+4.5	21	28	-1	16	-1	65	14	0	0	2
62348	TANTA	00	0	35	02	0	0	—	19.8	+2.8	17	27	-2	10	-5	88	15	0	0	2
62354	ZAGAZIG	220	2	15	02	1	3	Ci	19.8	+2.9	18	28	-2	14	-1	83	15	0	0	1
62441	ISMAÎLIA	290	2	35	01	1	6	Ac	20.0		21	27		16		65	14	0	dr.	
62356	FAROUK (Airport)	00	0	14	03	2	7	Ci	20.6		19					68	13	0	0	
62372	ALMÀZA	90	4	12	02	1	4	Ci	20.3	+3.7	18	26				88	16	0	0	
	EZBEKÎYA	340	2	3	00	0	3	Ci	20.7	+4.1	18	27	-2	16	-1	78	14	0	0	1
	GÎZA	340	2	3	00	0	3	Ci	21.2	+4.4	16	27	-2	13	-1	89	14	0	0	2
62378	HELWÂN	20	10	15	02	2	6	Ci	20.4	+3.6	19	26	-3	15	-2	73	14	0	0	1
62381	FAIYÛM	360	8	35	03	2	6		20.8	+4.4	20	27	-3	15	-1	64	13	0	0	0
62387	MINYA	10	8	10	02	1	3	Ci	19.9		18	27		13		78	14	0	0	
62393	ASYÛT MANQABÂD	280	2	30	02	1	2	Ci	19.4		19			14		73	14	0	0	
62399	NAG' HAMMÂDI	340	1	7	03	1	3	Ci	17.6	+2.8	21	30		14		57	12	0	0	
62402	QENA	240	5	35	00	0	0	—	17.2	+3.0	20	33	-1	17	0	64	13	0	dr.	
62405	LUXOR											32							0	
62414	ASWÂN	360	10	50	00	0	0	—	16.7	+3.0	23	35	0	20	0	41	9	0	0	
62417	SÎWA	00	0	35	00	0	0	—	22.2	+4.1	19	30	-1	14	+1	46	7	0	0	0
62420	BAHARÎYA	360	4	35	02	1	5	Ac	20.8	+3.6	18	28	-2	14	-1	83	15	0	0	0
62426	FARAFRA																			
62432	DAKHLA	00	0	35	00	0	0	—	19.5	+3.3	21			18	+2	57	12	0	0	
62435	KHARGA	360	2	35	00	0	2	Ci	18.4	+3.2	22	31	-2	18	+1	50	11	0	0	
62450	SUEZ	00	0	15	00	0	5	Cu,Ac	19.5	+3.8	18	27	-3	15	-3	88	16	0	0	1
62459	TÛR	40	2	35	02	1	4	Ci	17.5	+3.9	17			16	0	77	13	0	0	0
62462	HURGHÂDA	300	18		03	1	3	Ci	16.9		22	26		17		65	15	0	0	
62465	QUSEIR	360	19	15	02	0	0	—	16.0	+2.0	24			22	0	61	16	0	0	0
62641	PORT SÛDÂN	270	13	10	01	1	1	Cu, As	14.5		28	33		18		79	24	0	0	11
62600	WÂDI HALFA	20	11	30	00	0	0	—	14.4		23	37		19		34	6	0	0	
62640	ABU HAMAD	90	5	30	00	0	0	—	11.6		27	39		22		40	12	0	0	
62660	KAREIMA	70	8	30	00	0	0	—	10.7		29	38		26		37	13	0	dr.	1
62680	'ATBARA	90	9	30	00	0	0	—	10.7		27	39		24		42	13	0	0	1
62721	KHARTÛM	70	10	10	05	0	1	Ac	9.7		29	40		25		35	12	0	11	3
62780	KASSALA	100	9	30	00	0	0	—	8.4		31	41		21		29	11	0	4	7
62751	WÂD MEDANI	80	9	50	02	0	1		10.0		31	40		25		43	17	0	7	9
62801	RENK	230	9	50	02	0	1	Sc	9.5		26	36		22		64	23	0		36
62802	ROSEIRES	250	2	35	02	1	0	—	9.1		27	37		21		70	21	0	47	24
62771	EL OBEID	240	2	30	02	1	3	Ac	9.0		27	37		23		23	4	0	24	13
62760	EL FÂSHER	20	10	30	00	0	1	Ac			27	35		19		33	9	0	1	6
62770	GENEINA																		dr.	4
62840	MALAKÂL	290	2	30	03	1	1	Cc	10.2		27	33		23		69	24	0	38	70
62880	WÂU	150	4	30	01	1	5	Ac,Ci	9.5		24	35		22		74	19	0	152	110
62941	JUBA	180	5	30	02	2	5	Ac,Ci	7.9		27	32		21		66	20	0	29	80

HUMIDITY

Mean of day

STATION	% of 25th	Diff from normal
Alexandria	64	-4
Ezbekîya	63	-4
Giza	63	-6
Helwân	58	+4

GÎZA

GRASS MINIMUM TEMP. ON 26th 7.5 °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 25th At 15h AIRPORT

PRESSURE mbs.	HEIGHT ABOVE M.S.L. metres	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	165	23	44	360	10
950					
900					
850	1580	10	71	360	12
800					
700	3150	6		270	23
600					
500	5018	-11		260	43
400		-28			
300	9536	-38		270	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 25th

STATION	Hurghada																							
TIME	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.
300	330	30																						
600	330	30																						
1000	320	23																						
1500	330	17																						
2000	310	18																						
3000	220	9																						
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 26th

STATION	SÎDI BARÂNI		MATRÛH		POUAD AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Almaza	
TIME	9				3		4								9		8 30		5		7		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			360	11	330	9							340	12	320	3	360	18	340	40	360	12
600	290	2			350	9	330	6							350	17	360	6	10	20	330	32	10	15
1000	260	3			330	10	340	16							350	18	330	3	30	20	300	31	10	16
1500	290	4					320	3							360	19			120	10	220	3	10	16
2000	290	10													360	10	230	16	150	8	220	18	360	24
3000	10	13													270	2	190	24			200	20		
4000	300	4																			220	35		
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7				4		4		4		3 30		3 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	100	7	30	12	30	24	10	20																
600	70	9	40	16	20	18	10	28			80	23	70	24	100	20	10	9						
1000	10	5	40	26	20	22	20	32			80	20	70	26	90	27	20	11	80	7	10	17		
1500	340	13	30	23	30	25	40	15			70	19	50	17	70	12	30	10	50	16	50	15		
2000	340	23	10	35			30	16					30	9	60	13								
3000	290	32											330	8	100	6	110	6			90	4		
4000	290	26															360	5			90	5		
5000	270	23																						
6000	250	29																						
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of 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.

CAIRO
Time of Sunrise 04 03 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 : Tuesday 25th October, , 1949

At 1200 on Mon. 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	RAIN PAST 12 hrs mms
MEDITERRANEAN	62300	SALÛM	70	7	15	02	0	3	Cu	19.2	23	65	16	0
	62303	SÎDI BARÂNI	320	8	15	03	1	2	Cu	20.2	23	74	18	0
	62306	MATRÛH	360	11	18	02	1	4	Cu	19.8	24	57	15	0
	62309	EL DABÂ	340	8	35	00	0	0	—	18.6	24	44	11	0
		ALEXANDRIA	330	9	50	01	1	4	Cu	19.4	24	57	15	0
	62318	FOUAD (Airport)	330	9	18	02	1	3	Cu, Cu	19.1	24	54	14	0
	62330	DAMIETTA	360	2	15	01	1	4	Cu	18.2	23	61	15	0
	62333	PORT SAÏD	340	11	30	01	1	1	Sc, Ci	18.3	23	61	15	0
	62336	EL 'ARISH	300	9	35	01	1	3	Cu	17.5	24	69	18	0
LOWER EGYPT	62339	DAMANHUR	40	9	15	02	1	3	Cu	19.5	25	54	15	0
	62342	MANSÛRA	360	7	15	03	2	6	Cu	18.7	26	42	12	0
	62348	TANTA	360	5	35	01	1	4	Cu	18.8	25	61	17	0
	62354	ZAGAZIG	320	5	35	02	1	4	Ci	17.9	26	48	14	0
	62441	ISMAÏLIA	290	2	50	03	1	6	Ac, Cu	19.1	26	48	14	0
CAIRO AREA	62366	FAROUK (Airport)	360	6	18	02	1	4	Cu	15.9	25	42	11	
	62372	ALMAZA	360	13	30	02	1	4	Cu, Ci	17.7	26	62	18	0
		EZBEKIYA	340	5	35	00	0	3	Cu, Ci	18.0	26	48	14	0
		GÎZA	340	5	35	00	0	3	Cu, Ci	18.3	26	43	12	0
	62378	HELWÂN	360	15	15	02	2	6	Cu, Ci	18.3	25	42	11	0
UPPER EGYPT	62381	FAIYÛM	360	8	35	02	2	6	Ci	17.9	26	37	10	0
	62387	MINYA	10	11	12	02	1	3	Ci	17.1	27	40	12	0
	62393	ASYÛT MANQABAD												
	62399	NAG HAMMADI	290	2	15	01	1	3	Ci	13.9	30	40	15	0
	62402	QENA	290	5	50	01	0	2	Ci	13.3	33	34	15	0
	62405	LUXOR												
	62414	ASWÂN	340	11	50	01	1	4	As	12.0	34	29	13	0
OASES	62417	SÎWA	00	0	35	00	0	0	—	20.6	28	45	15	0
	62420	BAHARÎYA	360	4	35	02	1	5	Ac	18.3	26	48	14	0
	62423	FARAFRA												
	62432	DAKHLA	360	6	50	00	0	0	—	16.0	29	29	9	0
	62435	KHARGA	360	5	35	00	0	2	Ci	15.1	30	31	11	0
RED SEA	62450	SUEZ	00	0	35	01	0	3	Ac	16.8	25	54	15	0
	62459	TÛR	310	7	35	00	0	4	Ci	14.0	27	52	16	0
	62462	HURGHADA	340	16		02	1	4	Ci	13.8	26	62	18	0
	62465	QUSEIR	40	13	15	02	2	6	Ci	13.3	27	62	19	0
	62641	PORT SUDÂN	350	13	30	01	1	2	Cu	11.4	31	66	24	
NORTH SÛDÂN	62600	WÂDI HALFA	20	15	50	03	0	2	Ac	9.4	36	12	2	
	62640	ABU HAMAD	130	3	30	00	0	0	—	6.0	36	19	9	
	62660	KAREIMA	50	9	30	00	0	0	—	6.4	36	17	7	
	62680	'ATBARA	160	2	30	00	0	0	—	4.7	38	10	10	
	62721	KHARTÛM	50	7	30	02	0	0	—	4.9	37	14	6	
	62730	KASSALA	110	2	30	02	1	4	Ci	2.7	39	20	13	
CENTRAL SÛDÂN	62751	WAD MEDANI	50	9	35	02	0	7	Cu	2.6	40	14	8	
	62801	RENK	310	9	50	02	1	4	Sc	3.3	36	31	16	
	62802	ROSEIRES	290	2	35	02	1	6	Ac	2.7	36	31	16	
	62771	EL OBEID	30	11	30	01	1	1	Ac	4.2	37	11	1	
	62760	EL FÂSHER	90	5	30	00	0	0	—		36	13	4	
	62770	GENEINA	90	10	30	01	1	4	Cu, Ci		35	18	7	
S. SÛDÂN	62840	MALAKÂL	360	2	30	06	2	8	Cb, Ac	6.3	29	52	18	
	62880	WÂU	40	1	30	03	8	4	Cb, Ci	3.6	35	39	19	
	62941	JUBA												

At 1800 on Mon. 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	RAIN PAST 12 hrs mms
MEDITERRANEAN	62300	SALÛM	320	3	15	02	0	0	—	20.3	20	73	15	0
	62303	SÎDI BARÂNI	00	0	7	01	0	0	—	21.4	18	83	15	0
	62306	MATRÛH	350	2	12	01	0	0	—	20.7	20	73	15	0
	62309	EL DABÂ	320	3	7	00	0	0	—	20.5	19	83	16	0
		ALEXANDRIA	360	6	15	01	1	3	Cu	20.7	21	74	16	0
	62318	FOUAD (Airport)	320	4	12	02	1	4	Sc	20.5	20	73	15	0
	62330	DAMIETTA	320	2		00	0	0	—	19.1	19	83	16	0
	62333	PORT SAÏD	350	6	18	01	0	1	Sc	19.5	22	65	15	0
	62336	EL 'ARISH	00	0	15	02	1	3	Cu	17.4	22	65	15	0
LOWER EGYPT	62339	DAMANHUR	360	9	7	02	0	0	—	20.0	20	83	17	0
	62342	MANSÛRA	20	5		00	1	0	—	20.7	20	73	15	0
	62348	TANTA	00	0	36	02	1	0	—	20.8	19	73	14	0
	62354	ZAGAZIG	320	2	35	00	1	0	—	20.3	19	83	16	0
	62441	ISMAÏLIA	360	2	35	01	0	0	—	19.6	20	73	15	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMAZA	10	8	12	00	1	1	—	20.2	21	78	17	0
		EZBEKIYA	20	3	15	00	0	0	—	20.3	20	69	14	0
		GÎZA	20	3	15	00	0	0	—	20.6	21	64	14	0
	62378	HELWÂN	360	11	15	01	1	0	—	20.3	22	50	11	0
UPPER EGYPT	62381	FAIYÛM	360	5	35	01	0	0	—	19.2	22	50	11	0
	62387	MINYA	10	5	8	02	1	2	Ci	18.5	20	60	12	0
	62393	ASYÛT MANQABAD												
	62399	NAG HAMMADI	00	0		00	0	0	—	15.4	22	65	15	0
	62402	QENA	270	2	7	02	0	2	Ci	14.8	24	54	14	0
	62405	LUXOR	00	0	12	03	1	2	Ci	14.5	25	45	12	0
	62414	ASWÂN	360	9	50	00	0	0	—	13.6	32	24	9	0
OASES	62417	SÎWA	00	0	35	00	0	0	—	20.6	29	43	15	0
	62420	BAHARÎYA	360	3	15	02	1	0	—	19.4	22	65	15	0
	62423	FARAFRA												
	62432	DAKHLA	00	0	35	00	0	0	—		31	28	10	0
	62435	KHARGA	360	6	15	00	0	0	—	17.0	22	44	9	0
RED SEA	62450	SUEZ	360	3	15	01	0	0	—	18.0	21	83	18	0
	62459	TÛR	330	3	15	01	0	2	Ci		24	54	14	0
	62462	HURGHADA	00	0		00	1	0	—	15.2	24	61	16	0
	62465	QUSEIR	310	9	15	01	1	3	Ci	15.1	25	61	17	0
	62641	PORT SUDÂN												
NORTH SÛDÂN	62600	WÂDI HALFA												
	62640	ABU HAMAD												
	62660	KAREIMA												
	62680	'ATBARA												
	62721	KHARTÛM												
	62730	KASSALA												
CENTRAL SÛDÂN	62751	WAD MEDANI												
	62801	RENK												
	62802	ROSEIRES												
	62771	EL OBEID												
	62760	EL FÂSHER												
	62770	GENEINA												
S. SÛDÂN	62840	MALAKÂL												
	62880	WÂU												
	62941	JUBA												

At 0600 on Tuesday 25th October.

STATION	WIND 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	TEMPERATURES °C MAXIMUM Yesterday	TEMPERATURES °C MAXIMUM Diff. from normal	TEMPERATURES °C MINIMUM Today	TEMPERATURES °C 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
SALÛM	320	4	15	02	0	0	—	21.0		21	25		14		65	14	0	0		SALÛM
SÎDI BARÂNI	200	3	15	02	0	0	—	21.6		18	26		13		88	16	0	1		SÎDI BARÂNI
MATRÛH	270	3	18	01	1	1	Cu	21.4		20	25		15		73	15	0	0.2		MATRÛH
EL DABÂ	270	4	15	01	1	1	Cu	21.7		20	25		14		73	15	0	0		EL DABÂ
ALEXANDRIA	40	3	50	01	2	3	Cu	21.9	+4.7	22	25	-2	19	0	65	15	0	dr.	4	ALEXANDRIA
FOUAD (Airport)	200	5	18	02	1	4	Cu	21.8		20	25		16		78	16	0	0	4	FOUAD (Airport)
DAMIETTA	220	2	3	11	1	3	Sc	21.1	+5.1	21	24		15		74	16	0	dr.	4	DAMIETTA
PORT SAÏD	260	5	8	03	0	3	Cu	20.8		22	25		20		78	18	0	0		PORT SAÏD
EL 'ARISH	00	0	35	02	1	3	Sc	20.6	+5.0	20	26	-2	17	+1	73	15	0	0	3	EL 'ARISH
DAMANHUR	230	5	3	03	1	2	Cu	21.1	+4.3	20	26	-3	15	-1	83	17	0	0	3	DAMANHUR
MANSÛRA	270	2	35	00	0	0	—	21.5	+5.2	21	28	-2	15	-2	74	16	0	0	2	MANSÛRA
TANTA	00	0	35	02	0	0	—	21.5	+4.6	17	27	-3	10	-5	88	15	0	0	2	TANTA
ZAGAZIG	220	2	15	00	0	0	—	21.8	+5.0	21	28	-2	14	-1	74	16	0	0	1	ZAGAZIG
ISMAÏLIA	220	2	35	01	0	0	—	21.0		20	27		15		73	15	0	dr.		ISMAÏLIA
FAROUK (Airport)																		0		FAROUK (Airport)
ALMAZA	00	0	10	03	0	1	Ac	21.7	+5.1	20			15		83	17	0	0		ALMAZA
EZBEKIYA	360	2	15	00	0	0	—	21.9	+5.3	19	28	-1	15	-2	73	14	0	0	1	EZBEKIYA
GÎZA	360	2	15	00	0	0	—	22.4	+5.6	18	27	-2	12	-3	72	13	0	0	2	GÎZA
HELWÂN	00	0	7	00	0	1	Ci	21.8	+5.1	18	26	-3	16	-1	83	15	0	0	1	HELWÂN
FAIYÛM	260	5	35	02	0	0	—	21.9	+5.5	20	26	-5	15	-1	73	15	0	0	0	FAIYÛM
MINYA	360	5	10	02	1	3	Ci	20.7		18	27		14		78	14	0	0		MINYA
ASYÛT MANQABAD	340	3	30	00	0	3	Ci	20.3		19			15		73	14	0	0		ASYÛT MANQABAD
NAG HAMMADI	00	0	7	01	1	4	Ci	18.4	+3.7	23	30		15		61	15	0	0		NAG HAMMADI
QENA	290	5	15	03	1	4	Sc			20	34	0	17	0	64	13	0	dr.		QENA
LUXOR											32							0		LUXOR
ASWÂN	360	6	50	00	0	0	—	17.2	+3.6	23	35	-1	20	0	57	14	0	0		ASWÂN
SÎWA	00	0	35	00	0	0	—	22.2	+4.2	20	29	-2	13	0	46	8	0	0	0	SÎWA
BAHARÎYA	360	2	35	02	1	3	Ac	21.5	+4.4	19	27	-3	13	-2	83	16	0	0	0	BAHARÎYA
FARAFRA																				FARAFRA
DAKHLA	360	4	35	00	0	0	—	20.1	+4.0	20			18	+2	56	11	0	0		DAKHLA
KHARGA	20	6	15	00	0	2	Ci	19.0	+3.9	22	30	-3	18	+1	50	11	0	0		KHARGA
SUEZ	00	0	35	00	0	0	—	20.2	+4.5	20	26	-4	15	-3	73	15	0	0	1	SUEZ
TÛR	20	2	35	01	0	2	Ac	17.7	+3.3	21	27	-1	17	0	57	12	0	0	0	TÛR
HURGHADA	310	18		03	1	5	Cc	17.9		23	26		18		61	15	0	0		HURGHADA
QUSEIR	360	19	15	00	1	3	Ci	17.2	+3.3	25			22	0	61	17	0	0	0	QUSEIR
PORT SUDÂN	310	15	10	01	1	4	Sc	14.7		29	32		25		79	25	0	0	10	PORT SUDÂN
WÂDI HALFA	10	5	30	00	0	0	—	15.1		23	37		19		41	9	0	0		WÂDI HALFA
ABU HAMAD	110	9	30	00	0	0	—	11.6		29	38		25		31	10	0	0		ABU HAMAD
KAREIMA	50	12	30	00	0	0	—	10.3		29	37		27		33	11	0	dr.	1	KAREIMA
'ATBARA	70	5	10	00	0	0	—	10.2		29	39		24		33	11	0	0	1	'ATBARA
KHARTÛM	50	10	30	02	0	0	—	8.7		31	38		25		31	12	0	11	3	KHARTÛM
KASSALA	130	5	30	00	1	8	Ci	9.3		30	40		22		43	16	0	4	6	KASSALA
WAD MEDANI	90	9	7	02	8	4	Ac	8.7		29	40		22		49	17	dr.	7	8	WAD MEDANI
RENK	130	9	50	02	1	4	Sc	9.0		27	38		22		70	21	0		34	RENK
ROSEIRES	200	2	35	02	1	2	Ac	10.0		24	38		19		74	19	0	47	23	ROSEIRES
EL OBEID	360	7	30	03	0	3	Ac	9.8		27	37		21		20	2	0	24	12	EL OBEID
EL FÂSHER	350	2	30	00	0	0	—			23	37		18		27	3	0	1	6	EL FÂSHER
GENEINA	50	10	30	00	0	0	—			25	36		18		32	7	0	dr.	4	GENEINA
MALAKÂL	00	0	30	02	1	6	Ac	10.4		25	31		20		84	22	dr.	38	68	MALAKÂL
WÂU	120	8	30	01	2	6	Ac	10.0		24	35		21		79	20	dr.	152	107	WÂU
JUBA																	0	29	77	JUBA

HUMIDITY

Mean of day

STATION	on 24th	Diff from normal
Alexandria	57	-11
Ezbekiya	67	0
Giza	62	-7
Helwân	58	+5

GÎZA
GRASS MINIMUM TEMP.
ON 25th 8.4 °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 24th At 15h AIRPORT	PRESSURE mbs	HEIGHT ABOVE M.S.L. metres	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
	1000	157	22	47	20	7
	950					
	900					
	850	1538	9	76	30	11
	800					
	700	3136	5		300	24
	600					
	500	5809	-9		260	39
	400		-22			
	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 24th

HEIGHT m.	Matruh TIME 15 DIR.	Matruh VEL.			Port Said TIME 15 DIR.	Port Said VEL.			Harghada TIME 15 DIR.	Harghada VEL.														
300	330	12			340	24			330	26														
600	330	11			350	5			340	26														
1000	310	13			360	13			340	30														
1500	300	17			340	10			300	16														
2000	310	29																						
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 25th

STATION	SÎDI BARÂNI TIME 9 DIR.	SÎDI BARÂNI VEL.	MATRÛH TIME 5 DIR.	MATRÛH VEL.	FOUAD AIRPORT DIR.	FOUAD AIRPORT VEL.	PORT SAÏD TIME 4 DIR.	PORT SAÏD VEL.	EL 'ARÎSH DIR.	EL 'ARÎSH VEL.	HELWÂN TIME 9 DIR.	HELWÂN VEL.	MINYA DIR.	MINYA VEL.	ASYÛT MANQABAD TIME 9 DIR.	ASYÛT MANQABAD VEL.	LUXOR DIR.	LUXOR VEL.	ASWÂN TIME 5 DIR.	ASWÂN VEL.	HURGHADA TIME 9 DIR.	HURGHADA VEL.	Almaza TIME 8 30 DIR.	Almaza VEL.
300	300	5	320	7			280	9			20	5			330	9			360	15	340	30	350	4
600	290	3	340	7			300	9			10	5			360	18			20	25	320	30	360	6
1000	300	5	330	8			300	9			10	11			10	23			20	29	310	25	10	8
1500	310	2	330	23			300	7			340	21			360	28			50	6	300	20	340	14
2000	300	2									330	20			340	33			80	10			310	24
3000	220	13									310	18			340	30							310	24
4000	280	13																					270	22
5000																							280	20
6000																								
7000																								
8000																								

STATION	SÎWA TIME 9 DIR.	SÎWA VEL.	BAHARÎYA TIME 9 DIR.	BAHARÎYA VEL.	DAKHLA TIME 9 DIR.	DAKHLA VEL.	KHARGA TIME 7 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 TIME 4 DIR.	EL OBEID VEL.	EL FÂSHER TIME 5 DIR.	EL FÂSHER VEL.	MALAKÂL TIME 4 DIR.	MALAKÂL VEL.
300	100	8	30	24	60	11	20	22																
600	110	9	20	23	60	10	20	30															230	1
1000	80	9	10	18	50	8													20	18			190	4
1500	60	4	30	23	50														30	21	70	31	50	4
2000	270	6																						
3000	300	19																					70	13
4000	280	31																						
5000	280	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.

Note: All times G. M. T.

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

CAIRO
Time of Sunrise 04 05 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 : Thursday 27th October, , 1949

At 1200 on Wednes. 26th

STATION NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms
62300	SALUM	20	9	35	03	0	2	Cu,Cc	19.8	23	61	15	0
62303	SIDI BARÂNI	340	5	35	01	1	3	Cu	20.4	23	65	16	0
62306	MATRÛH	20	8	18	02	1	5	Cu, Ac	20.1	23	50	12	0
62309	EL DABÂ	340	8	35	00	0	0	—	19.9	24	54	14	0
	ALEXANDRIA	20	5	50	02	1	6	Cu, Cc	19.9	23	61	15	0
62318	FOUAD (Airport)	340	7	18	02	1	3	Cu, Cc	19.7	24	54	14	0
62330	DAMIETTA	20	2	15	03	2	6	Cu, Ac	19.0	23	50	12	0
62336	PORT SAÏD	360	7	30	01	1	5	Cu, Cc	18.6	24	54	14	0
62336	EL 'ARISH	320	3	35	01	1	5	Cb	18.3			12	0
62339	DAMANHÛR	310	13	15	03	1	7	Cc	20.0	25	54	15	0
62342	MANSÛRA	360	5	35	03	2	4	Sc, Cu	19.1	25	42	11	0
62345	TANTA	00	0	35	03	1	6	Cu	19.4	25	47	13	0
62354	ZAGAZIG	320	5	35	02	1	3	Cu	18.4	26	55	16	0
62345	ISMAÏLIA	20	2	35	03	1	6	Cu	18.2	25	39	10	0
62361	FAROUK (Airport)	20	7	30	02	1	4	Cu	19.2	24	47	12	
62372	ALMÂZA	360	10	30	01	2	4	Cu, Cc	18.4	25	45	12	0
	EZBEKIYA	360	4	35	00	0	2	Cc	18.4	25	45	12	0
	GÎZA	360	4	35	00	0	2	Ci	18.8	25	47	12	0
62375	HELWÂN	360	5	35	01	2	4	Cu, Cc	18.6	25	34	8	0
62381	FAIYÛM	360	5	35	01	1	4	Ci	18.4	26	37	10	0
62387	MINYA	10	13	10	01	1	2	Ci	17.9	26	42	12	0
62393	ASYÛT (MANFALÛT)	300	9	35	02	1	4		16.3	26	48	14	
62399	NAG' HAMMADI	290	4	15	03	1	5	Ci	14.4	28	40	13	0
62405	QENA	240	5	50	03	0	3	Ci	14.0	31	19	17	0
62408	LUXOR												
62414	ASWÂN	360	3	50	01	1	2	Ci	12.8	32	31	13	0
62417	SÎWA	00	0	35	00	0	0	—	21.0	28	52	17	0
62420	BAHARÎYA	360	5	35	01	1	3	Ac	18.6	26	42	12	0
62428	FARAFRA												
62432	DAKHLA	360	9	50	00	0	0	—		29	23	6	0
62435	KHARGA	360	6	35	00	0	2	Ci	17.4	29	29	9	0
62450	SUEZ	00	0	35	01	0	3	Cu	16.8	25	54	15	0
62459	TÛR	310	18	35	01	1	4	Ci	15.2	25	65	18	0
62462	HURGHÂDA	340	16		02	1	3	Cc	14.2	24	69	18	0
62468	QUSEIR	360	13	15	02	0	0	—	13.8	26	62	18	0
62641	PORT SUDÂN	310	4	30	02	0	2	Cu	11.6	30	66	23	
62600	WÂDI HALFA	10	13	30	03	0	2	Ac	7.6	34	16	5	
62640	ABU HAMAD	130	3	30	00	0	0	—	7.2	37	17	8	
62660	KAREIMA	50	5	30	00	0	0	—	6.8	37	18	9	
62680	ATBARA	20	6	30	00	0	0	—	5.8	38	15	7	
62721	KHARTÛM	90	15	30	02	0	1	Cb	4.6	38	15	7	
62730	KASSALA	180	2	30	00	0	0	—	1.6	35	20	9	
62761	WÂD MEDANI	180	5	35	02	0	6	Cu	3.6	39	23	14	
62801	RENK	130	9	50	02	1	4	Cu	3.7	37	35	19	
62807	ROSEIRES	280	2	35	02	1	2	Ac	3.4	36	35	18	
62771	EL OBEID	70	8	30	03	0	3	Cu, Ac	4.0	37	20	11	
62760	EL FÂSHER	60	6	30	01	1	1	Ac		35	22	10	
62770	GENEINA	20	14	30	00	0	0	—		34	12	1	
62840	MALAKÂL	180	4	30	03	1	4	Cu, Ac	6.2			21	
62880	WÂU	50	8	30	03	1	8	Cb	6.0	35	40	21	
62941	JUBA	50	5	7	08	1	8	Cu, Cb	3-8?	36	27	14	

At 1800 on Wednes. 26th

STATION NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C
62300	SALUM	320	4	15	02	0	0	—	19.8	19	73	14
62303	SIDI BARÂNI	180	2	15	01	0	1	Cu	20.4	16	77	12
62306	MATRÛH	50	3	12	02	1	2	Cu	20.3	19	68	13
62309	EL DABÂ	360	6	7	00	0	0	—	19.7	19	73	14
	ALEXANDRIA	40	6	7	01	1	4	Sc, Ac	19.8	21	65	14
62318	FOUAD (Airport)	10	5	12	02	1	3	Sc, Cu	19.7	20	73	15
62330	DAMIETTA	360	2		02	2	6	Sc	18.7	21	66	14
62336	PORT SAÏD	30	6	15	01	1	2	Sc, Ci	18.7	22	57	13
62336	EL 'ARISH	340	3	15	02	1	3	Cb	18.3	22	65	15
62339	DAMANHÛR	360	9	15	02	1	1	Cu	19.5	19	88	17
62342	MANSÛRA	360	5		00	0			19.1	19	73	14
62345	TANTA	00	0	35	02	1	0	—	19.6	18	88	16
62354	ZAGAZIG	320	2	35	00	1	0	—	18.8	18	88	16
62345	ISMAÏLIA	20	2	35	01	0	0	—	18.2	20	64	13
62361	FAROUK (Airport)											
62372	ALMÂZA	360	10	14	01	0	0	—	18.9	20	69	14
	EZBEKIYA	360	4	15	00	0	0	—	18.8	20	64	13
	GÎZA	360	4	15	00	0	0	—	19.4?	20	67	14
62375	HELWÂN	360	11	15	01	2	0	—	18.5	20	28	11
62381	FAIYÛM	360	2	35	01	0	0	—	18.3	21	57	12
62387	MINYA	360	6	8	02	1	1	Ci	17.7	18	56	9
62393	ASYÛT (MANFALÛT)											
62399	NAG' HAMMADI	00	0			0	2	Ci	15.1	21	74	16
62405	QENA	270	2	7	02	1	3	Ci	14.7	24	54	14
62408	LUXOR	00	0	12	00	0	0	—	14.5	23	41	7
62414	ASWÂN	360	6	50	00	0	0	—	13.4	30	22	6
62417	SÎWA	00	0	35	00	0	0	—	19.9	21	57	12
62420	BAHARÎYA	360	5	15	02	1	3	Ac	18.8	21	61	13
62428	FARAFRA											
62432	DAKHLA	320	8	35	00	0	0	—	17.6	20	46	8
62435	KHARGA	360	4	15	00	0	2		17.6	21	38	6
62450	SUEZ	360	3	15	01	0	0	—	17.1	21	74	16
62459	TÛR	310	2	15	01	1	0	—	15.1	24	61	16
62462	HURGHÂDA	270	5		00	1	0	—	15.1	22	74	17
62468	QUSEIR	310	13	15	02	0	0	—	15.1	25	70	19
62641	PORT SUDÂN											
62600	WÂDI HALFA											
62640	ABU HAMAD											
62660	KAREIMA											
62680	ATBARA											
62721	KHARTÛM											
62730	KASSALA											
62761	WÂD MEDANI											
62801	RENK											
62807	ROSEIRES											
62771	EL OBEID											
62760	EL FÂSHER											
62770	GENEINA											
62840	MALAKÂL											
62880	WÂU											
62941	JUBA											

At 0600 on Thursday 27th October,

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C Dry Bulb	TEMPERATURES °C MAXIMUM Yesterday	MAXIMUM Diff. from normal	TEMPERATURES °C 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
SALUM	220	4	15	02	0	0	—	19.4		20	25		14		73	15	0	0	
SIDI BARÂNI	200	4	35	01	0	0	—	19.9		16	25		12		88	14	0	1	
MATRÛH	290	4	12	00	0	0	—	19.4		19	24		13		64	12	0	0.2	
EL DABÂ	270	5	15	03	2	4	Cb	19.3		18	25		13		73	13	0	0	
ALEXANDRIA	360	4	50	01	1	3	Sc, Cu	19.0	+1.7	22	24	-3	19?	0	57	13	0	dr	5
FOUAD (Airport)	360	4	18	02	1	4	Cu, Ac	18.7		21	25		14		65	14	0	0	5
DAMIETTA	250	2	3	11	0	1	Cu	18.3	+2.2	21	24		15		74	16	0	dr	5
PORT SAÏD	40	5	15	01	1	3	Cu, Cc	17.7		23	25		20		65	16	0	0	
EL 'ARISH	140	2	35	01	0	1	Cu	17.2	+1.4	20	25	-2	15	-1	73	15	0	0	3
DAMANHÛR	360	9	3	02	1	6	Cu	19.2	+2.3	19	26	-3	15	-1	83	16	0	0	3
MANSÛRA	320	5	35	00	0	0	—	18.4	+2.0	21	27	-2	16	-2	65	14	0	0	2
TANTA	00	0	35	01	1	1	Cu	19.4	+2.4	17	25	-4	10	-5	88	15	0	0	2
ZAGAZIG	320	2	15	02	1	3	Ci	18.2	+1.3	19	28	-1	13	-2	78	15	0	0	1
ISMAÏLIA	320	2	35	01	1	5	Ac	17.5		20	27		15		64	13	0	dr	
FAROUK (Airport)	00	0	12	02	2	4	Sc, Ci	18.7		18			14		68	12	0	0	
ALMÂZA	00	0	12	03	1	3	Sc, Ci	18.0	+1.3	17	26		13		68	11	0	0	
EZBEKIYA	320	3	7	00	0	1	Ci	18.7	+2.0	17	26	-3	14	-3	77	13	0	0	1
GÎZA	320	3	7	00	0	1	Ci	19.5	+2.6	17	26	-2	12	-2	80	13	0	0	2
HELWÂN	20	5	15	00	1	3	Sc, Ac	18.2	+1.3	18	25	-4	15	-2	73	13	0	0	1
FAIYÛM	360	5	35	03	0	2	Ci	18.8	+2.4	19	26	-4	14	-2	73	14	0	0	0
MINYA	360	6	12	02	1	3	Ac, Ci	18.2		16	26		12		77	12	0	0	
ASYÛT (MANFALÛT)	320	5	18	00	0	3	Ci	18.1		18			14		73	13	0	0	
NAG' HAMMADI	90	1	3	03	1	3	Ac	16.0	+1.1	21	29		16		74	16	0	0	
QENA	240	5	35	01	1	2	Ci	16.0	+1.7	20	33	0	17	0	64	13	0	dr	
LUXOR	220	5	30	02	0	1	Cc	15.1		22	32		16		50	11	0	0	
ASWÂN	360	11	50	00	0	0	—	14.7	+0.9	21	33	-2	19	-1	61	13	0	0	
SÎWA	00	0	35	00	0	0	—	20.8	+2.7	20	30	-1	12	-1	46	8	0	0	0
BAHARÎYA	360	2	35	02	1	3	Ac	19.5	+2.3	18	27	-2	11	-4	83	15	0	0	0
FARAFRA																			
DAKHLA	320	2	35	00	0	0	—	17.8	+1.6	18	31	-1	15	-1	56	9	0	0	
KHARGA	360	4	35	00	0	0	—	17.6	+2.4	22	30	-3	18	-1	50	11	0	0	
SUEZ	00	0	35	00	0	2	Ac	17.2	+1.4	20	27	-3	16	-2	83	17	0	0	1
TÛR	40	2	35	01	0	6	Ci	15.9	+1.1	17	27	-1	16	-1	68	11	0	0	0
HURGHÂDA	310	20		02	0	3	Cc	15.0		22	24		18		69	16	0	0	
QUSEIR	360	13	15	00	0	2	Cc	14.7	+0.7	25			21	-1	47	15	0	0	0
PORT SUDÂN	290	9	30	01	1	2	Sc	13.6		28	32		24		70	22	0	0	11
WÂDI HALFA	360	7	30	00	0	0	—	14.8		21	35		17		50	10	0	0	
ABU HAMAD	90	3	30	03	0	1	Ac	11.1		26	38		21		37	10	0	0	
KAREIMA	50	2	30	00	0	0	—	10.4		27	38		24		25	5	0	dr	1
ATBARA	70	9	30	01	0	1	Ac	11.3		27	39		22		45	14	0	0	1
KHARTÛM	110	3	30	02	0	0	—	9.6		28	39		24		29	8	0	11	3
KASSALA	90	5	30	00	0	0	—	8.8		30	40		20		43	16	0	4	7
WÂD MEDANI	90	5	50	02	0	0	—	9.4		27	40		19		42	13	0	7	9
RENK	140	5	30	00	0	3	Ci	9.5		28	38		21		58	19	0		38
ROSEIRES	200	2	35	02	1	0		9.5		27	38		20		58	18	0	47	25
EL OBEID	290	7	30	01	1	4	Ac	9.3		29	38		24		43	15	0	24	13
EL FÂSHER	00	0	30	03	0	4	Ac			24	36		20		38	9	0	1	6
GENEINA	50	12	30	00	0	1	Ac			25	35		18		22	2	0	dr	4
MALAKÂL	10	1	30	03	1	3	Ci	9.2		28	37		21		74	23	0	38	71
WÂU	120	8	30	03	2	8	Cs	10.3		24	36		21		79	20	0	152	113
JUBA	00	0	10	02	6	8	Ac, Ci	11.1		23	37		21		78	19	0.3	29	83

HUMIDITY % Mean of day

STATION	26th	Diff. from normal
Alexandria	62	-6
Ezbekiya	64	-3
Giza	62	-7
Helwân	56	+2

GÎZA GRASS MINIMUM TEMP. ON 27th 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.

On 26th At 15h AIRPORT						On At AIRPORT						On At AIRPORT					
PRESSURE mbs	HEIGHT ABOVE metres	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	158	24	41	230	8	1000						1000					
950						950						950					
900						900						900					
850	1546	10				850						850					
800						800						800					
700	3153	8	22			700						700					
600						600						600					
500	5850	-7				500						500					
400						400						400					
300						300						300					

UPPER WIND OBSERVATIONS on 26th

STATION	Port Said				Hurghada																			
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	340	13			330	31																		
600	350	12			320	8																		
1000	360	12			330	7																		
1500					310	10																		
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 27th

STATION	SÎDI BARÂNI		MATRÛH		ROUAD AIRPORT		PORT SAÏD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT (MANFALÛT)		LUXOR		ASWÂN		HURGHADA		Almaza	
TIME	9						3								9				5		10		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	30	2					50	6							330	15			360	20	340	26	350	14
600	190	2					40	8							350	16			20	11	290	13	350	9
1000	250	3					40	4							350	14			70	6	290	15	50	7
1500	320	9					60	7							320	9			150	13			70	17
2000	300	10					140	4							230	11			170	12			40	15
3000	280	6					270	7							230	8								
4000	280	12					250	21							210	10								
5000	260	17													220	13								
6000															240	24								
7000															220	29								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7		4						4		3	30			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	110	11	340	22	350		10	13	10	14														
600	70	12	340	30	360		360	17	30	16					60	13	100	9					240	2
1000	20	16	350	10	30	5			40	22					80	19	70	9			30	17	130	4
1500	360	28	360	22					90	13					40	10	30	8			60	26	90	11
2000	330	27	360	28					170	6					40	9	250	7						
3000	300	30	350						200	8					350	5	210	11					80	10
4000			340	13											300	8								
5000															50	8								
6000															170	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.

CAIRO
Time of Sunrise 04 04 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: Wednesday 26th October, 1949

Area	Index Number	Station	At 1200 on Tues. 25th: Wind Direction	Wind Velocity in knots	Visibility 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. 25th: Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs	Temperature °C	Humidity %	Dew point °C	Rain past 12 hrs mms
Mediterranean	62300	SALUM	20	8	35	03	0	2	Cu	20.6	23	65	16	320	8	15	02	0	0	—	21.1	21	65	14	0
	62303	SIDI BARANI	40	9	35	02	0	3		21.5	23	53	13	40	5	15	02	0	3		21.8	20	83	11	0
	62306	MATRUH	20	9	18	00	0	0	—	21.4	23	57	14	20	2	12	00	0	0	—	22.0	19	73	14	0
	62309	EL DABA	320	7	35	00	0	0	—	20.8	24	54	14	360	9	7	02	1	2	Cu	21.5	20	64	13	0
		ALEXANDRIA	360	4	50	02	1	2	Cu	21.0	23	61	15	20	5	15	01	1	3	ScCu	21.5	21	65	14	0
	62318	FOUAD (Airport)	360	10	18	01	1	3	Cu	20.7	25?	51	14	360	1	14	02	1	3	Sc	21.3	19	68	13	0
	62330	DAMIETTA	320	5	15	02	0	1	Cu	19.8	23	50	12	320	2		02	0	1	Cu	20.7	21	74	16	0
	62333	PORT SA'ID	340	8	30	02	1	2	Cu,Ac	19.8	23	61	15	360	8	18	03	0	2	Sc	20.5	22	65	15	0
	62336	EL 'ARISH	320	5	35	02	1	3	Sc	17.9	24	69	18	320	3	35	02	0	2	Sc	18.7	22	65	15	0
Lower Egypt	62339	DAMANHUR	230	9	15	02	1	4	Cu	20.8	25	54	15	230	5	7	02	1	1	Cu	21.1	19	83	16	0
	62342	MANSURA	360	9	15	03	1	5	Cu	20.3	27	42	13	360	5		00	1	0	—	21.5	19	73	14	0
	62348	TANTA	360	5	35	01	1	4	Cu	20.2	25	47	13	00	0	35	02	1	0	—	20.2	18	88	16	0
	62354	ZAGAZIG	320	5	35	00	1	3	Cu	19.8	26	48	14	320	2	35	00	1	0	—	20.8	19	73	14	0
	62441	ISMAILIA	360	2	35	03	1	5	Cu	19.2	26	48	14	360	2	35	01	0	0	—	20.3	20	64	13	0
Cairo Area	62366	FAROUK (Airport)																							
	62372	ALMAZA	330	8	30	02	0	3	Cu	19.7	25	65	18	20	9	12	00	0	0	—	20.7	21	74	13?	0
		EZBEKIYA	340	5	35	00	0	1	Cu	19.6	26	45	13	360	4	15	00	0	0	—	20.8	20	64	13	0
		GIZA	340	5	35	00	0	1	Cu	18.4	26	49	14	360	4	15	00	0	0	—	21.2	21	65	15	0
	62378	HELWAN	340	8	15	02	1	4	Cu, Ci	19.4	25	42	11	360	11	15	01	1	0	—	20.9	21	50	10	0
Upper Egypt	62381	FAIYUM	360	8	35	02	0	0	—	19.2	26	42	12	360	5	35	02	0	0	—	20.3	22	57	13	0
	62387	MINYA	20	10	12	02	1	2	Ci	19.1	27	37	11	360	3	8	01	1	2	Ci	19.3	20	64	13	0
	62393	ASYUT MANQABAD	340	9	30	00	0	3	Ci	17.7	27	40	12												
	62399	NAG HAMMADI	270	2	15	02	2	6	Ci	15.4	28	52	17	00	0		02	1	4	Ci	16.4	24	47	12	0
	62402	QENA	270	5	50	02	1	4	Cc	15.0	32	34	14	270	2	7	02	1	4	Ci	15.2	23	50	12	0
	62405	LUXOR	30	3	30	02	1	2	Ci	14.4	32	15	2	170	4	12	00	1	0	—	15.1	24	47	12	0
	62414	ASWAN	360	6	50	00	0	0	—	13.4	33	28	12	360	6	50	00	0	0	—	14.0	26	42	12	0
Oases	62417	SIWA	00	0	35	00	0	0	—	21.4	28	52	17	00	0	35	00	0	0	—	21.2	22	50	11	0
	62420	BAHARIYA	360	4	35	02	1	3	Ac	19.1	27	42	13	360	2	15	02	1	3	Ac	20.3	21	57	12	0
	62423	FARAFRA																							
	62432	DAKHLA	320	6	50	00	0	0	—	17.3?	30	25	8	320	6	35	00	0	0	—		25	36?	9?	0
	62435	KHARGA	360	6	35	00	0	6	Ci	17.0	30	21	5	360	4	16	00	0	0	—	18.3	22	41	8	0
Red Sea	62450	SUEZ	360	5	35	02	0	0	—	18.0	25	61	17	00	0	15	02	0	0	—	19.4	20	73	15	0
	62459	TOR	310	10	35	02	1	3	Ci	15.9	26	62	18	310	9	15	01	1	2	Ci		25	54	15	0
	62462	HURGHADA	340	15		02	1	4	Cs	15.4	25	65	18	310	17		00	1	0	—	16.1	25	58	16	0
	62465	QUSEIR	40	13	15	03	2	6	As	15.0	26	62	18	310	13	15	01	1	0	—	16.4	25	61	17	0
	62641	PORT SUDAN	250	13	10	01	1	3	Cu	12.5	32	79	26												
North Sudan	62600	WADI HALFA	20	11	15	00	0	0	—	10.9	35	19	8												
	62640	ABU HAMAD	100		10					6.6	38	16	8												
	62660	KAREIMA			30	00	0	0	—	7.5	37	27	15												
	62680	'ATBARA	30	9	10	00	0	0	—	5.5	38	16	8												
	62721	KHARTUM	40	9	30	03	0	1	Cu, Cc	4.7	39	16	7												
	62730	KASSALA	130	5	30	01	1	6	Cs	3.0	39	16	7												
Central Sudan	62751	WAD MEDANI																							
	62801	RENK																							
	62802	ROSEIRES	340	2	35	02	0	0	—	5.9	37	31	17												
	62771	EL OBEID	50	7	15	01	2		Ac		33	13	1												
	62760	EL FASHER	50	7	30	00	0	0	—		35	19	8												
	62770	GENEINA																							
S. Sudan	62840	MALAKAL	230	3	30	03	1	6	Cu,Ac	6.2	33	53	22												
	62880	WAU	280	7	30	03	1	4	Cu,Ac	6.0	34	39	18												
	62941	JUBA																							

At 0600 on Wednesday 26th October: Wind Direction	Wind Velocity in 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
320	4	15	00	0	1	Cu	21.0		20	25		14		64	13	0	0		SALUM
240	3	15	03	1	2	Cu	21.3		20	24		17		83	17	0	1		SIDI BARANI
270	4	12	03	2	5	Sc	20.9		19	24		14		78	14	0	0.2		MATRUH
270	3	7	03	2	5	Sc	20.9		20	26		14		69	14	0	0		EL DABA
360	8	50	01	1	5	Cu	21.0	+3.7	22	25	-2	20	+1	57	13	0	dr.	5	ALEXANDRIA
350	6	15	03	1	5	Cu	20.2		21	25				65	14	0	0	5	FOUAD (Airport)
160	2	3	11	0	1	Cu	20.3	+4.2	22	24		16		65	15	0	dr.	5	DAMIETTA
330	5	18	02	0	2	Sc	20.0		22	25		20		57	13	0	0		PORT SA'ID
220	2	35	03	2	6	Sc	19.2	+3.5	22	26	-2	14	-2	65	15	0	0	3	EL 'ARISH
360	5	3	02	1	3	Cc	21.4	+4.5	19	26	-3	15	-7	88	17	0	0	3	DAMANHUR
270	5	35	01	1	1	Ci	20.8	+4.5	21	28	-1	16	-1	65	14	0	0	2	MANSURA
00	0	35	02	0	0	—	19.8	+2.8	17	27	-2	10	-5	88	15	0	0	2	TANTA
220	2	15	02	1	3	Ci	19.8	+2.9	18	28	-2	14	-1	83	15	0	0	1	ZAGAZIG
290	2	35	01	1	6	Ac	20.0		21	27		16		65	14	0	dr.		ISMAILIA
00	0	14	03	2	7	Ci	20.6		19					68	13	0	0		FAROUK (Airport)
90	4	12	02	1	4	Ci	20.3	+3.7	18	20				88	16	0	0		ALMAZA
340	2	3	00	0	3	Ci	20.7	+4.1	18	27	-2	16	-1	78	14	0	0	1	EZBEKIYA
340	2	3	00	0	3	Ci	21.2	+4.4	16	27	-2	13	-1	89	14	0	0	2	GIZA
20	10	15	02	2	6	Ci	20.4	+3.6	19	26	-3	15	-2	73	14	0	0	1	HELWAN
360	8	35	03	2	6		20.8	+4.4	20	27	-3	15	-1	64	13	0	0	0	FAIYUM
10	8	10	02	1	3	Ci	19.9		18	27		13		78	14	0	0		MINYA
280	2	30	02	1	2	Ci	19.4		19			14		73	14	0	0		ASYUT MANQABAD
340	1	7	03	1	3	Ci	17.6	+2.8	21	30		14		57	12	0	0		NAG HAMMADI
240	5	35	00	0	0	—	17.2	+3.0	20	33	-1	17	0	64	13	0	dr.		QENA
										32							0		LUXOR
360	10	50	00	0	0	—	16.7	+3.0	23	35	0	20	0	41	9	0	0		ASWAN
00	0	35	00	0	0	—	22.2	+4.1	19	30	-1	14	+1	46	7	0	0	0	SIWA
360	4	35	02	1	5	Ac	20.8	+3.6	18	28	-2	14	-1	83	15	0	0	0	BAHARIYA
																			FARAFRA
00	0	35	00	0	0	—	19.5	+3.3	21			18	+2	57	12	0	0		DAKHLA
360	2	35	00	0	2	Ci	18.4	+3.2	22	31	-2	18	+1	50	11	0	0		KHARGA
00	0	15	00	0	5	Cu,Ac	19.5	+3.8	18	27	-3	15	-3	88	16	0	0	1	SUEZ
40	2	35	02	1	4	Ci	17.5	+3.0	17			16?	0	77	13	0	0	0	TOR
300	18		03	1	3	Ci	16.9		22	26		17		65	15	0	0		HURGHADA
360	19	15	02	0	0	—	16.0	+2.0	24			22	0	61	16	0	0	0	QUSEIR
290	13	10	01	1	1	Cu,As	14.5		28	33		18		79	24	0	0	11	PORT SUDAN
20	11	30	00	0	0	—	14.4		23	37		19		34	6	0	0		WADI HALFA
90	5	30	00	0	0	—	11.6		27	39		22		40	12	0	0		ABU HAMAD
70	8	30	00	0	0	—	10.7		29	38		26		37	13	0	dr.	1	KAREIMA
90	9	30	00	0	0	—	10.7		27	39		24		42	13	0	0	1	'ATBARA
70	10	10	05	0	1	Ac	9.7		29	40		25?		35	12	0	11	3	KHARTUM
100	9	30	00	0	0	—	8.4		31	41		21?		29	11	0	4	7	KASSALA
60	9	50	02	0	1		10.0		31	40		25		43	17	0	7	9	WAD MEDANI
230	9	50	02	0	1	Sc	9.5		26	36		22		64	23	0		36	RENK
250	2	35	02	1	0	—	9.1		27	37		21		70	21	0	47	24	ROSEIRES
240	2	30	02	1	3	Ac	9.0		27	37		23		23	4	0	24	13	EL OBEID
20	10	30	00	0	1	Ac			27	35		19		33	9	0	1	6	EL FASHER
																	dr.	4	GENEINA
290	2	30	03	1	1	Cc	10.2		27	33		23		64	24	0	38	70	MALAKAL
150	4	30	01	1	5	Ac,Ci	9.5		24	35		22		74	19	0	152	110	WAU
180	5	30	02	2	5	Ac,Ci	7.4		27	32		21		66	20	0	29	80	JUBA

HUMIDITY % Mean of day

Station	on 25th	Diff. from normal
Alexandria	64	-4
Ezbekiya	63	-4
Giza	63	-6
Helwan	58	+4

GIZA
GRASS MINIMUM TEMP. ON 26th 7.5 °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 25th At 15h ... AIRPORT

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	165	23	44	360	10
950					
900					
850	1580	10	71	360	12
800					
700	3150	6		270	23
600					
500	5818	-11		260	43
400		-28			
300	9536	-38		270	62

On ... At ... AIRPORT (blank columns: Pressure mbs. 1000, 950, 900, 850, 800, 700, 600, 500, 400, 300; Height above M.S.L. feet; Temp. °C; Humid. %; Wind Dir.; Vel.) — twice, unfilled.

UPPER WIND OBSERVATIONS on 25th

Station	Hurghada
Time	14
Height m.	Dir. / Vel.
300	330 30
600	330 30
1000	320 23
1500	330 17
2000	310 18
3000	220 9
4000	
5000	
6000	
7000	
8000	

UPPER WIND OBSERVATIONS on 26th

Station	Sidi Barani	Matruh	Fouad Airport	Port Sa'id	El 'Arish	Helwan	Minya	Asyut Manqabad	Luxor	Aswan	Hurghada	Almaza
Time	9		3	4				9	8 30	5	7	4
Height m. (Dir. Vel.)												
300	320 4		360 11	330 9				340 12	320 3	360 18	340 40	360 12
600	290 2		350 9	330 6				350 17	360 6	10 20	330 32	10 15
1000	260 3		330 10	340 16				350 18	330 3	30 20	300 31	10 16
1500	290 4			320 3				360 19		120 10	220 3	10 16
2000	290 10							360 10	230 16	150 8	220 18	360 24
3000	10 13							270 2	190 24		200 20	
4000	300 4										220 35?	
5000												
6000												
7000												
8000												

Station	Siwa	Bahariya	Dakhla	Kharga	Wadi Halfa	Abu Hamad	Kareima	Khartum	Kassala	El Obeid	El Fasher	Malakal
Time	9	9	9	7		4	4	4	3 30	3 30	4 45	
Height m. (Dir. Vel.)												
300	100 7	30 12	30 24	10 20								
600	70 9	40 16	20 18	10 28		80 23	70 24	100 20	10 9			
1000	10 5	40 26	20 22	20 32		80 20	70 26	90 27	20 11	80 7	10 17	
1500	340 13	30 23	30 25	40 15		70 19	50 17	70 12	30 10	50 16	50 15	
2000	340 23	10 35		30 16			30 9	60 13				
3000	290 32						330 8	100 6	110 6		90 4	
4000	290 26								360 5		90 5	
5000	270 23											
6000	250 29											
7000												
8000												

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of 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.

CAIRO

Time of Sunrise 04 06 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 : Friday 28th October, 1949

At 1200 on Thurs. 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.
NORTHERN DELTA	62300	SALÛM	40	8	15	01	2	0	—	17.5	23	61	15
	62303	SÎDI BARÂNI	20	9	15	02	0	0	—	17.0	22	65	15
	62306	MATRÛH	40	9	18	01	1	2	Cu	18.3	23	57	14
	62309	EL DABA	360	8	35	00	0	0	—	13.3	23	44	10
		ALEXANDRIA	20	5	50	01	1	8	Cu	18.0	24	54	14
	62318	FOUAD (Airport)	340	13	18	02	0	2	Cu, Sc	17.7	24	47	12
	62330	DAMIETTA	20	2	15	02	0	1	Cu	16.6	24	54	14
	62333	PORT SAÏD	350	9	30	02	0	2	Cu, Ci	16.6	24	61	16
	62336	EL 'ARISH	320	3	35	03	0	2	Cu	16.3	24	54	14
CENTRAL DELTA	62339	DAMANHUR	360	13	15	02	1	6	Cu	18.2	23	61	15
	62342	MANSURA	360	5	35	03	2	6	Sc, Cu	17.0	26	42	12
	62348	TANTA	310	5	15	01	1	4	Cu	17.9	25	47	13
	62354	ZAGAZIG	40	2	35	02	1	3	Cu	16.3	26	55	16
	62441	ISMAÏLIA	40	2	35	03	1	5	Cu	16.0	25	54	15
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMÀZA	360	8	30	01	2	4	Cu, Ci	16.2	26	48	14
		EZBEKÌYA	360	5	35	00	0	2	Cu	16.0	26	45	13
		GÎZA	360	5	35	00	0	2	Cu	16.7	26	43	12
	62378	HELWÂN	340	13	35	01	2	3	Sc, Cu	15.9	25	42	11
UPPER EGYPT	62381	FAIYÛM	360	2	35	01	0	1	Ci	15.8	26	42	12
	62387	MINYA	20	8	12	00	1	0	—	16.3	26	42	12
	62393	ASYÛT MANQABAD	320	11	30	00	0	0	—	15.5	24	47	12
	62399	NAG' HAMMÀDI	270	2	7	00	0	0	—	13.6	28	52	17
	62402	QENA	270	5	50	00	1	0	—	13.0	30	40	15
	62405	LUXOR											
	62414	ASWÂN	340	3	50	00	0	0	—	11.0	33	32	14
OASES	62417	SÎWA	00	0	35	00	0	0	—	19.2	28	52	17
	62420	BAHARÌYA	360	3	35	02	1	0	—	17.0	25	42	11
	62423	FARAFRA											
	62432	DAKHLA	360	6	50	00	0	0	—	14.2	26	30	7
	62435	KHARGA	360	4	35	00	0	0	—	12.7	28	33	10
RED SEA	62450	SUEZ	360	5	35	03	0	3	Cu, Sc	15.0	26	55	16
	62459	TÛR	310	5					Ac, Ci	13.5	24	78	18
	62462	HURGHÂDA	350	12		01	0	1	Cc				10
	62465	QUSEIR	360	13	15	02	0	0	—	12.3	26	70	20
	62641	PORT SÛDÂN	360	10	30	02	1	5	Cu	11.3	31	62	23
NORTH SÛDÂN	62600	WÂDI HALFA	20	8	30	03	0	1	Ac	10.5	33	20	7
	62640	ABU HAMAD	90	3	30	00	0	0	—	6.9	35	22	10
	62660	KAREIMA	20	4	30	00	0	0	—	6.2	37	18	9
	62680	'ATBARA	270	5	30	00	0	0	—	5.6	37	17	8
	62721	KHARTÛM	30	7	30	03	0	1	Cu	5.1	39	12	5
	62780	KASSALA	180	2	30	00	0	0	—	3.1	37	16	9
CENTRAL SÛDÂN	62751	WÂD MEDANI	50	5	35	00	0	0	—	3.4	39	10	2
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	50	6	30	01	1	4	Cu	4.4	34	22	9
	62760	EL FÂSHER	50	13	30	00	1	4	Cu, Ac		35	27	13
	62770	GENEINA	70	12	30	00	0	2	Cu, Ci		35	13	3
S. SÛDÂN	62840	MALAKÂL											
	62880	WÂU											
	62941	JUBA											

At 1800 on Thurs. 27th

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms
SALÛM	20	3	15	03	0	3	Ac	18.0	21	74	16	0
SÎDI BARÂNI	160	3	15	02	0	0	—	19.4	16	77	12	0
MATRÛH	00	0	12	00	0	0	—	18.7	16			0
EL DABA	00	0				0	—	18.7	18	73	13	0
ALEXANDRIA	360	6	35	02	1	4	Sc, Ac	19.5	21	65	14	0
FOUAD (Airport)												
DAMIETTA	360	2			02	0	1	Cu	17.9	21	83	18	0
PORT SAÏD	20	6	18	01	0	1	Sc	17.4	22	69	16	0
EL 'ARISH	00	0	35	02	0	2	Cu	17.0	23	61	15	0
DAMANHUR	360	9	7	02	0	0	—	18.6	19	83	16	0
MANSURA	40	5			00	1	0	—	18.0	20	73	15	0
TANTA	00	0	35	01	1	2	Cu	19.2	19	83	16	0
ZAGAZIG	40	2	35	00	1	0	—	17.2	19	83	16	0
ISMAÏLIA	20	2	35	01	0	0	—		20	83	17	0
FAROUK (Airport)	340	8				3	Sc	17.7	21	65	14	0
ALMÀZA	330	8	14	02	0	1	Ac	17.5	20	78	16	0
EZBEKÌYA	360	6	15	00	0	0	—	17.5	21	74	16	0
GÎZA	360	6	15	00	0	0	—	17.9	20	74	15	0
HELWÂN	340	11	15	01	0	0	—	17.4	21	65	14	0
FAIYÛM	360	2	35	01	0	0	—	16.3	21	57	12	0
MINYA	360	4	10	00	0	0	—	16.7	18	73	13	0
ASYÛT MANQABAD	280	6	12	01	1	1	Ac	16.1	20	73	15	
NAG' HAMMÀDI	00	0		00	0	0	—	14.6	21	74	16	0
QENA												
LUXOR	00	0	12	01	1	1	Ci	13.4	23	50	12	0
ASWÂN	360	4	50	02	1	3	Ac	12.8	27	40	12	0
SÎWA	00	0	35	00	0	0	—	19.4	20	83	17	0
BAHARÌYA	360	3	15	02	0	0	—	17.9	19	52	9	0
FARAFRA												
DAKHLA	320	8	35	00	0	0	—	16.1	23	36	7	0
KHARGA	360	4	15	00	0	0	—	16.2	24	28	4	0
SUEZ	360	3	15	01	0	0	—	15.9	22	63	19	0
TÛR	260	1	15	01	1	1	Ci	14.2	20	73	15	0
HURGHÂDA	300	11		03	0	1	Cc	13.3	24	65	17	0
QUSEIR	310	13	15	02	0	0	—	12.9	25	61	17	0
PORT SÛDÂN	00	0		03	1	3	Sc	12.4	29	66	22	0
WÂDI HALFA		1	30	00	0	0	—	8.8	30	22	6	0
ABU HAMAD												
KAREIMA												
'ATBARA	290		30	00	0	0	—	8.4	29	31	10	0
KHARTÛM	20	8	30	01	0	0	—	6.8	32	21	7	0
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	0	30	01	2	8	Cs	7.3	29	43	15	0
EL FÂSHER	40	4	30	01	0	3			30	24	7	0
GENEINA	40	10	30	00	2	6	Cs	7.6	28	79	24	0
MALAKÂL	00	0	30	02	2	6	Cs	7.6	28	79	24	0
WÂU	00	0	30	13	1	8	Cb, Ac	7.6	28	70	22	0
JUBA												

At 0600 on Friday 28th October,

STATION	WIND 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	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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.
SALUM	180	1	15	03	6	5	Cu	19.3		21	25		14		50	10	0	0	
SÎDI BARÂNI	150	6	15	03	1	3	Cu, Ac	19.1		18	25		12				0	1	
MATRÛH	220	4	12	00	0	0	—	18.8		16	24		11		68	10	0	0.2	
EL DABA	00	0	7	03	2	6	St	18.3		17	25		11		64	10	0	0	
ALEXANDRIA	220	3	15	04	3	6	St	19.8	+2.4	20	25	-2	18	-1	73	15	0	tr.	5
FOUAD (Airport)	20	4	18	02	2	7	Sc, Cu	19.7		22			13?		65	15	0	0	5
DAMIETTA	20	5	7	03	1	3	Cu	18.7	+2.6	23	25		19		65	16	0	tr.	5
PORT SAÏD	20	5	18	01	0	1	Sc	18.2		24	26		21		65	17	0	0	
EL 'ARISH	180		35	01	0	1	Cu	17.4	+1.8	19	27	0	15	-1	73	14	0	0	3
DAMANHUR	360	5	3	02	1	2	Ci	19.2	+2.2	19	25	-4	15	-1	83	16	0	0	3
MANSURA	320	5	35	01	1	3	Ac	17.2	+2.8	22	29	0	17	0	65	13	0	0	2
TANTA	310	2	35	01	1	3	Cu	19.5	+2.4	18	28	-1	11	-4	88	16	0	0	2
ZAGAZIG	320	2	15	00	0	0	—	18.3	+1.4	21	28	-1	15	0	74	16	0	0	1
ISMAÏLIA	290	2	35	01	1	4	Cu	17.9		21	27		17		74	16	0	tr.	
FAROUK (Airport)											26						0	0	
ALMÀZA	00	0	12	03	1	2	Ci	18.6		19	26		14		83	16	0	0	
EZBEKÌYA	00	0	7	00	0	2	Ci	19.2	+2.5	18	27	-2	16	0	88	16	0	0	1
GÎZA	00	0	7	00	0	2	Ci	19.0	+2.1	19	27	-1	13	-1	83	16	0	0	2
HELWÂN	360	6	7	00	1	4	Ci	18.3	+1.4	20	26	-2	16	-1	73	15	0	0	1
FAIYÛM	360	8	35	03	0	2	Ci	19.0	+2.5	20	26	-4	16	0	73	15	0	0	0
MINYA	20	10	10	03	1	6	Sc	18.1		18	26		15		88	16	0	0	
ASYÛT MANQABAD	300	2	30	01	0	1	Ci	17.6		18			14		78	14	0	0	
NAG' HAMMÀDI	290	2	7	00	0	0	—	15.9	+0.9	22	29		16		65	15	0	0	
QENA	240	5	35	00	0	0	—	16.2	+1.9	21			17	0	65	14	0	tr.	
LUXOR	00	0	30	00	0	0	—	15.0		24	31		17		50	13	0	0	
ASWÂN	360	9	50	00	0	0	—	14.6	+0.7	21	35	0	19	-1	65	14	0	0	
SÎWA	00	0	35	00	0	0	—	19.8	+1.6	18	29	-1	11	-2	52	8	0	0	0
BAHARÌYA	360	3	35	02	1	3	Ac	19.4	+2.1	18	26	-3	11	-3	83	15	0	0	0
FARAFRA																			
DAKHLA	00	0	35	00	0	0	—	18.3	+2.0	18	27	-5	16	0	60	10	0	0	
KHARGA	360	4	15	00	0	0	—	16.4	+1.1	20	28	-4	15	-2	64	13	0	0	
SUEZ	00	0	35	00	0	1	Cu	16.7	+0.8	20	28	-2	17	-1	88	18	0	0	1
TÛR	20	3	35	00	0	0	—	14.8	+0.1	17	27	-1	14	-3	68	11	0	0	0
HURGHADA	290	5		00	0	0	—	14.8		23	24		17		50	12	0	0	
QUSEIR	330	9	15	00	0	3	Ci	14.8	+0.7	25			22	0	54	15	0	0	0
PORT SÛDÂN	190	10	30	01	1	3	Cu, Ci	13.4		29	32		24		66	22	0	0	11
WÂDI HALFA	360	7	30	00	0	0	—	14.7		21	34		17		44	8	0	0	
ABU HAMAD	70	5	30	00	0	0	—	11.4		25	36		22		25	5	0	0	
KAREIMA	50	4	30	00	0	0	—	11.8		26	37		23		30	7	0	tr.	1
'ATBARA	50	5	30	02	0	1	Ci	10.8		27	38		23		52	16	0	0	1
KHARTÛM	350	9	30	02	0	0	—	12.0		28	39		24		25	6	0	11	3
KASSALA	00	0	30	00	0	0	—	8.2		31	40		21		38	15	0	4	7
WÂD MEDANI	50	5	50	00	0	0	—	9.3		28	40		21		37	12	0	7	9
RENK																			39
ROSEIRES	160	2	35	00	0	0	—	9.0		26	39		20		79	22	0	47	26
EL OBEID	360	6	30	00	0	0	—	10.5		27	37		22		28	7	0	24	14
EL FÂSHER	30	1	30	00	1	1	Ac			25	35		20		36	9	0	1	6
GENEINA	50	8	30	01	1	5	Ac, Ci			26	35		23		23	3	0	tr.	4
MALAKÂL											36						0	38	72
WÂU	00	0	30	01	2	4	Ci	10.2		25	35		22		79	21	0	152	116
JUBA																	0	29	86

HUMIDITY % Mean of day

STATION	on 27th	Diff. from normal
Alexandria	63	-5
Ezbekiya	69	+2
Giza	71	+2
Helwân	64	+10

GÎZA GRASS MINIMUM TEMP. ON 28th 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 27th At 15h — AIRPORT

PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	140	25	45	20	12
950					
900					
850	1535	11	71	40	10
800					
700	3142	6		270	13
600					
500	5799	-12		230	27
400		-24			
300	9493	-40		240	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 27th

STATION	Port Said				Asyut (Plm).				Hurghada															
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.
300	340	12			320	19			330	13														
600	360	13			350	14			360	14														
1000	20	16			10	13			20	13														
1500	60	7			10	3			360	5														
2000	140	3			300	5			90	6														
3000	70	6			250	4			220	33														
4000					230	11																		
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 28th

STATION	SÎDI BARÂNI		MATRÛH		HELWÂN AIRPORT		PORT SAÏD		EL 'ARISH		HELWÂN		MINYA		ASYÛT MANQABAD		LUXOR		ASWÂN		HURGHADA		Almaza	
TIME	9														9						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	140	3													320	12					340	27	10	16
600	140	3													350	17					320	21	20	19
1000	170	7													10	17					300	14	30	15
1500	260	12													340	8					210	7	50	15
2000	250	17													310	2					210	15	10	16
3000	280	15													320	2					190	18	280	11
4000	290	12																						
5000	290	11																						
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÌYA		DAKHLA		KHARGA		WÂDI HALFA		ABU HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7		4										3	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	140	12	10	14	10	16	360	17	260	17														
600	150	11	20	15	10	16	20	23	20	19														
1000	130	14	30	24	10	16	20	23	30	14									30	25	360	5		
1500	230	8	20	13	20	25			50	5									50	25	50	17		
2000	270	7																	50	29				
3000	300	17							170	6									50	7	100	11		
4000																								
5000																								
6000																								
7000																								
8000																								

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

Note: All times G. M. T.

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

CAIRO
Time of Sunrise 04 05 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: Thursday 27th October, 1949

At 1200 on Wednes. 26th / At 1800 on Wednes. 26th

Area	Index Number	Station	1200 Wind Direction	1200 Wind Velocity in knots	1200 Visibility in km	1200 Present Weather	1200 Past Weather	1200 Cloud Amount 0-8	1200 Cloud Form	1200 Bar. Pressure M.S.L. mbs	1200 Temperature °C	1200 Humidity %	1200 Dew Point °C	1800 Wind Direction	1800 Wind Velocity in knots	1800 Visibility in km	1800 Present Weather	1800 Past Weather	1800 Cloud Amount 0-8	1800 Cloud Form	1800 Bar. Pressure M.S.L. mbs	1800 Temperature °C	1800 Humidity %	1800 Dew Point °C	Rain past 12 hrs mms
Mediterranean	62300	SALUM	20	9	35	03	0	2	cu, cc	19.8	23	61	15	320	4	15	02	0	0	—	19.8	19	73	14	0
	62303	SIDI BARANI	340	5	35	01	1	3	cu	20.4	23	65	16	180	2	15	01	0	1	cu	20.4	16	77	12	0
	62306	MATRUH	20	8	18	02	1	5	cu, ac	20.1	23	50	12	50	3	12	02	1	2	cu	20.3	19	68	13	0
	62305	EL DABA	340	8	35	00	0	0	—	19.9	24	54	14	360	6	7	00	0	0	—	19.7	19	73	14	0
		ALEXANDRIA	20	5	50	02	1	6	cu, ci	19.9	23	61	15	40	6	7	01	1	4	sc, ac	19.8	21	65	14	0
	62318	FOUAD (Airport)	340	7	18	02	1	3	cu, ci	19.7	24	54	14	10	5	12	02	1	3	sc, ci	19.7	20	73	15	0
	62330	DAMIETTA	20	2	15	03	2	6	cu, ac	19.0	23	50	12	360	2		02	2	6	sc	18.7	21	65	14	0
	62333	PORT SAID	360	7	30	01	1	5	cu, cs	18.6	24	54	14	30	6	15	01	1	2	sc, ci	18.7	22	57	13	0
	62336	EL ARISH	320	3	35	01	1	5	cb	18.3			12	340	3	15	02	1	3	cb	18.3	22	65	15	0
Lower Egypt	62339	DAMANHUR	310	13	15	03	1	7	cc	20.0	25	54	15	360	9	15	02	1	1	cu	19.5	19	88	17	0
	62342	MANSURA	360	5	35	03	2	4	sc, cu	19.1	25	42	11	360	5		00	1	0	—	19.1	19	73	14	0
	62345	TANTA	00	0	35	03	1	6	cu	19.4	25	47	13	00	0	35	02	1	0	—	19.6	18	88	16	0
	62354	ZAGAZIG	320	5	35	02	1	3	cu	18.4	26	55	16	320	2	35	00	1	0	—	18.8	18	88	16	0
	62440	ISMAILIA	20	2	35	03	1	6	cu	18.2	25	39	10	20	2	35	01	0	0	—	18.2	20	64	13	0
Cairo Area	62361	FAROUK (Airport)	20	7	30	02	1	4	cu	19.2	24	47	12												
	62372	ALMAZA	360	10	30	01	2	4	cu, ci	18.4	25	45	12	360	10	14	01	0	0	—	18.9	20	69	14	0
		EZBEKIYA	360	4	35	00	0	2	ci	18.4	25	45	12	360	4	15	00	0	0	—	18.8	20	64	13	0
		GIZA	360	4	35	00	0	2	ci	18.8	25	47	12	360	4	15	00	0	0	—	19.4?	20	67	14	0
	62378	HELWAN	360	5	35	01	2	4	cu, ci	18.6	25	34	8	360	11	15	01	2	0	—	18.5	20	28	11	0
Upper Egypt	[illegible]	FAIYUM	360	5	35	01	1	4	ci	18.4	26	37	10	360	2	35	01	0	0	—	18.3	21	57	12	0
	62387	MINYA	10	13	10	01	1	2	cc	17.9	26	42	12	360	6	8	02	1	1	ci	17.7	18	56	9	0
	62393	ASYUT	300	9	30	02	1	4		16.3	26	48	14												
	[illegible]	NAG HAMMADI	290	4	15	03	1	5	ci	14.4	28	40	13	00	0		02	0	2	ci	15.1	21	74	16	0
	62403	QENA	240	5	50	03	0	3	ci	14.0	31	19	17	270	2	7	02	1	3	ci	14.7	24	54	14	0
	62405	LUXOR												00	0	12	00	0	0	—	14.5	23	41	9	0
	62414	ASWAN	360	3	50	01	1	2	ci	12.8	32	31	13	360	6	50	00	0	0	—	13.4	30	22	6	0
Oases	[illegible]	SIWA	00	0	35	00	0	0	—	21.0	28	52	17	00	0	35	00	0	0	—	19.9	21	57	12	0
	62420	BAHARIYA	360	5	35	01	1	3	ac	18.6	26	42	12	360	5	15	02	1	3	ac	18.8	21	61	13	0
	62423	FARAFRA																							
	[illegible]	DAKHLA	360	9	50	00	0	0	—		29	23	6	320	8	35	00	0	0	—	17.6	20	46	8	0
	62435	KHARGA	360	6	35	00	0	2	ci	17.4	29	29	9	360	4	15	00	0	2		17.6	21	38	6	0
Red Sea	62450	SUEZ	00	0	35	01	0	3	cu	16.8	25	54	15	360	3	15	01	0	0	—	17.1	21	74	16	0
	62459	TOR	310	18	35	01	1	4	ci	15.2	25	65	18	310	2	15	01	1	0	—	15.1	24	61	16	0
	62462	HURGHADA	340	16		02	1	3	cc	14.2	24	69	18	270	5		00	1	0	—	15.1	22	74	17	0
	62465	QUSEIR	360	13	15	02	0	0	—	13.8	26	62	18	310	13	15	02	0	0	—	15.1	25	70	19	0
	62641	PORT SUDAN	310	4	30	02	0	2	cu	11.6	30	66	23												
North Sudan	62600	WADI HALFA	10	13	30	03	0	2	ac	7.6	34	16	5												
	62640	ABU HAMAD	130	3	30	00	0	0	—	7.2	37	17	8												
	62660	KAREIMA	50	5	30	00	0	0	—	6.8	37	18	9												
	62680	ATBARA	20	6	30	00	0	0	—	5.8	38	15	7												
	62721	KHARTUM	90	15	30	02	0	1	ci	4.6	38	15	7												
	62730	KASSALA	180	2	30	00	0	0	—	1.6	35	20	9												
Central Sudan	[illegible]	WAD MEDANI	180	5	35	02	0	6	cu	3.6	39	23	14												
	62801	RENK	130	9	50	02	1	4	cu	3.7	37	35	19												
	[illegible]	ROSEIRES	280	2	35	02	1	2	ac	3.4	36	35	18												
	62771	EL OBEID	70	8	30	03	0	3	cu, ac	4.0	37	20	11												
	62760	EL FASHER	60	6	30	01	1	1	ac		35	22	10												
	62770	GENEINA	20	14	30	00	0	0	—		34	12	1												
S. Sudan	62840	MALAKAL	180	4	30	03	1	4	cu, ac	6.2			27												
	62880	WAU	50	8	30	03	1	8	cb	6.0	35	44	21												
	62941	JUBA	50	5	7	08	1	8	cu, ci	3.8?	36	27	14												

At 0600 on Thursday 27th October,

Wind Direction	Wind Velocity in knots	Visibility in km	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Dry Bulb	Maximum Yesterday	Maximum Diff from normal	Minimum Today	Minimum Diff from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs	Rainfall Total from Oct 1st	Rainfall Normal from Oct 1st	Station
320	4	15	02	0	0	—	19.4		20	25		14		73	15	0	0		SALUM
200	4	35	01	0	0	—	19.9		16	25		12		88	14	0	1		SIDI BARANI
290	4	12	00	0	0	—	19.4		19	24		13		64	12	0	0.2		MATRUH
270	5	15	03	2	4	cb	19.3		18	25		13		73	13	0	0		EL DABA
360	4	50	01	1	3	sc, cu	19.0	+1.7	22	24	-3	19?	0	57	13	0	dr	5	ALEXANDRIA
360	4	18	02	1	4	cu, ac	18.7		21	25		14		65	14	0	0	5	FOUAD (Airport)
250	2	3	11	0	1	cc	18.3	+2.2	21	24		15		74	16	0	dr	5	DAMIETTA
40	5	15	01	1	3	cu, ci	17.7		23	25		20		65	16	0	0		PORT SAID
140	2	35	01	0	1	cu	17.2	+1.4	20	25	-2	15	-1	73	15	0	0	3	EL ARISH
360	9	3	02	1	6	cu	19.2	+2.3	19	26	-3	15	-1	83	16	0	0	3	DAMANHUR
320	5	35	00	0	0	—	18.4	+2.0	21	27	-2	15	-2	65	14	0	0	2	MANSURA
00	0	35	01	1	1	cu	19.4	+2.4	17	25	-4	10	-5	88	15	0	0	2	TANTA
320	2	15	02	1	3	ci	18.2	+1.3	19	28	-1	13	-2	78	15	0	0	1	ZAGAZIG
320	2	35	01	1	5	ac	17.5		20	27		15		64	13	0	dr		ISMAILIA
00	0	12	02	2	4	sc, ci	18.7		18			14		68	12	0	0		FAROUK (Airport)
00	0	12	03	1	3	sc, ci	18.0	+1.3	17	26		13		68	11	0	0		ALMAZA
320	3	7	00	0	1	ci	18.7	+2.0	17	26	-3	14	-3	77	13	0	0	1	EZBEKIYA
320	3	7	00	0	1	ci	19.5	+2.6	17	26	-2	12	-2	80	13	0	0	2	GIZA
20	5	15	00	1	3	sc, ac	18.2	+1.3	18	25	-4	15	-2	73	13	0	0	1	HELWAN
360	5	35	03	0	2	ci	18.8	+2.4	19	26	-4	14	-2	73	14	0	0	0	FAIYUM
360	6	12	02	1	3	ac, ci	18.2		16	26		12		77	12	0	0		MINYA
320	5	18	00	0	3	ci	18.1		18			14		73	13	0	0		ASYUT
90	1	3	03	1	3	ac	16.0	+1.1	21	29		16		74	16	0	0		NAG HAMMADI
240	5	35	01	1	2	ci	16.0	+1.7	20	33	0	17	0	64	13	0	dr		QENA
220	5	30	02	0	1	cc	15.1		22	32		16		50	11	0	0		LUXOR
360	11	50	00	0	0	—	14.7	+0.9	21	33	-2	19	-1	61	13	0	0		ASWAN
00	0	35	00	0	0	—	20.8	+2.7	20	30	-1	12	-1	46	8	0	0	0	SIWA
360	2	35	02	1	3	ac	19.5	+2.3	18	27	-2	11	-4	83	15	0	0	0	BAHARIYA
																			FARAFRA
320	2	35	00	0	0	—	17.8	+1.6	18	31	-1	15	-1	56	9	0	0		DAKHLA
360	4	35	00	0	0	—	17.6	+2.4	22	30	-3	18	-1	50	11	0	0		KHARGA
00	0	35	00	0	2	ac	17.2	+1.4	20	27	-3	16	-2	83	17	0	0	1	SUEZ
40	2	35	01	0	6	ci	15.9	+1.1	17	27	-1	16	-1	68	11	0	0	0	TOR
310	20		02	0	3	cc	15.0		22	24		18		69	16	0	0		HURGHADA
360	13	15	00	0	2	cc	14.7	+0.7	25			21	-1	47	15	0	0	0	QUSEIR
290	9	30	01	1	2	sc	13.6		28	32		24		70	22	0	0	11	PORT SUDAN
360	7	30	00	0	0	—	14.8		21	35		17		50	10	0	0		WADI HALFA
90	3	30	03	0	1	ac	11.1		26	38		21		37	10	0	0		ABU HAMAD
50	2	30	00	0	0	—	10.4		27	38		24		25	5	0	dr.	1	KAREIMA
70	9	30	01	0	1	ac	11.3		27	39		22		45	14	0	0	1	ATBARA
110	3	30	02	0	0	—	9.6		28	39		24		29	8	0	11	3	KHARTUM
90	5	30	00	0	0	—	8.8		30	40		20		43	16	0	4	7	KASSALA
90	5	50	02	0	0	—	9.4		27	40		19		42	13	0	7	9	WAD MEDANI
140	5	50	00	0	3	ci	9.5		28	38		21		58	19	0		38	RENK
200	2	35	02	1	0		9.5		27	38		20		58	18	0	47	25	ROSEIRES
290	7	30	01	1	4	ac	9.3		29	38		24		43	15	0	24	13	EL OBEID
00	0	30	03	0	4	ac			24	36		20		38	9	0	1	6	EL FASHER
50	12	30	00	0	1	Ac			25	35		18		22	2	0	dr.	4	GENEINA
70	1	30	03	1	3	ci	9.2		28	37		21		74	23	0	38	71	MALAKAL
120	8	30	03	2	8	cs	10.3		24	36		21		79	20	0	152	113	WAU
00	0	10	02	6	8	ac, ci	11.1		23	37		21		78	19	0.3	29	83	JUBA

HUMIDITY — Mean of day

Station	26th	Diff. from normal
Alexandria	62	-6
Ezbekiya	64	-3
Giza	62	-7
Helwan	56	+2

GIZA — Grass minimum temp. on 27th 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 — On 26th At 15h Airport

Pressure mbs	Height above metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	158	24	41	230	8
950					
900					
850	1546	10			
800					
700	3153	8	22		
600					
500	5850	-7			
400					
300					

(Two further Rawinsonde blocks, On ... At ... Airport, pressures 1000–300 mbs, left blank.)

UPPER WIND OBSERVATIONS on 26th

Height m.	Port Said (time 15) Dir.	Port Said Vel.	Hurghada (time 15) Dir.	Hurghada Vel.
300	340	13	330	31?
600	350	12	320	8
1000	360	12	330	7
1500			310	10
2000				
3000				
4000				
5000				
6000				
7000				
8000				

UPPER WIND OBSERVATIONS on 27th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		Almaza	
Time	9						3								9				5		10		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	30	2					50	6							330	15			360	20	340	26	350	14
600	190	2					40	8							350	16			20	11	290	13	350	9
1000	250	3					40	4							350	14			70	6	290	15	50	7
1500	320	9					60	7							320	9			150	13			70	17
2000	300	10					140	4							230	11			170	12			40	15
3000	280	6					270	7							230	8								
4000	280	12					250	21							210	10								
5000	260	17													220	13								
6000															240	24								
7000															220	29								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	9		9		9		7		4						4		3	30			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	110	11	340	22	350		10	13	10	14														
600	70	12	340	30	360		360	17	30	16					60	13	100	9					240	2
1000	20	16	350	10	30	5			40	22					80	19	70	9			30	17	130	4
1500	360	28	360	22					90	13					40	10	30	8			60	26	90	11
2000	330	27	360	28					170	6					40	9	250	7						
3000	300	30	350						200	8					350	5	210	11					80	10
4000			340	13											300	8								
5000															50	8								
6000															170	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.

CAIRO
Time of Sunrise 04 06 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 29th October, 1949

AREA	INDEX NUMBER	STATION	At 1200 on Fri. 28th WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALÛM	40	7	35	03	0	3	Cu,Sc	16.4	24	61	16
	62303	SIDI BARÂNI	50	10	50	02	1	3	Cu,Sc	18.0	23	61	15
	62306	MATRÛH	360	10	18	03	1	3	Cu,Sc	17.5	25	47	13
	62309	EL DABA	340	5	35	00	0	0	—	17.2	24	54	14
		ALEXANDRIA	20	6	50	01	1	4	Sc,Cu	18.2	23	61	15
	62318	FOUAD (Airport)	360	10	18	02	0	3	Cu,Cu	18.0	25	47	13
	62330	DAMIETTA	360	2	15	03	2	6	Cu	17.6	23	65	16
	62333	PORT SAÏD	10	9	30	01	1	5	Sc,Ci	17.5	24	61	16
	62336	EL 'ARISH			35	03	1	3	Cu	18.0	25	54	15
LOWER EGYPT	62339	DAMANHÛR	40	9	15	02	1	3	Cc	18.6	27	42	13
	62342	MANSURA	360	5	15	03	2	6	Cu	17.8	26	48	14
	62348	TANTA	360	5	35	01	1	4	Cu	17.9	26	48	14
	62354	ZAGAZIG	40	5	35	02	1	3	Cu	16.8	27	55	17
	62441	ISMAÏLIA	20	5	35	03	1	4	Cu	15.9	26	48	14
CAIRO AREA	62366	FAROUK (Airport)	40	11	12	02	3	6	Sc,Cu	16.7	27	37	11
	62372	ALMÂZA	20	9	30	01	1	2	Cu	16.4	26	45	13
		EZBEKÎYA	360	5	35	00	0	5	Cu,Ci	17.0	27	45	14
		GÎZA	360	5	35	00	0	5	Cu,Ci	17.2	27	41	12
	62378	HELWÂN	360	8	15	02	1	5	Cu,Ci	15.8	26	42	12
UPPER EGYPT	62381	FAIYÛM	360	8	35	02	1	3	Ci	16.3	27	42	13
	62387	MINYA	10	14	12	02	1	1	Ci	16.0	27	42	13
	62393	ASYÛT MANQABÂT	320	16	30	00	0	0	—	14.5	26	42	12
	62399	NAG' HAMMÂDI	270	3	15	00	0	0	—	13.3	28	52	17
	62402	QENA	240	5	50	00	0	0	—	12.8	30	40	15
	62405	LUXOR	20	4	30	00	0	0	—	12.0	31	24	8
	62414	ASWÂN	00	0	50	00	0	0	—	11.0	34	32	15
OASES	62417	SÎWA	140	4	35	00	0	0	—	19.2	29	52	18
	62420	BAHARÎYA	360	5	35	02	1	0	—	17.4	27	37	11
	62423	FARAFRA											
	62432	DAKHLA	320	10	50	00	0	0	—	1	27	35	10
	62435	KHARGA	20	5	35	00	0	0	—	15.0	29	31	10
RED SEA	62450	SUEZ	20	4	35	03	0	3	Cu	15.2	26	55	16
	62459	TÛR	310	9	35	00	0	3	Ci	13.1	26	70	20
	62462	HURGHÂDA	330	12		00	0	0	—	12.9	25	70	19
	62465	QUSEIR	20	9	15	01	0	0	—	13.0	27	62	19
	62641	PORT SÛDÂN	10	13	30	02	0	2	Cu	10.9	31	62	23
NORTH SÛDÂN	62600	WÂDI HALFA	350	15	30	00	0	0	—	10.9	33	23	9
	62640	ABU HAMAD	70	5	30	00	0	0	—	7.1	35	13	3
	62660	KAREIMA	360	10	30	00	0	0	—	6.1	37	17	8
	62680	'ATBARA	340	5	30	00	0	0	—	6.3	36	22	11
	62721	KHARTÛM	340	12	30	02	0	0	—	5.4	39	11	3
	62730	KASSALA	00	0	30	00	0	0	—	2.8	39	20	12
CENTRAL SÛDÂN	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	50	9	30	00	0	0	—	5.8	35	13	3
	62760	EL FÂSHER	80	8	30	00	0	0	—		35	22	10
	62770	GENEINA	20	8	30	01	1	4	Cu,Sc		35	18	7
S. SÛDÂN	62840	MALAKÂL	140	1	30	02	1	3	Cu,Cu	5.8	35	44	21
	62880	WÂU	290	3	30	03	1	7	Cu,Cu	5.3	36	37	19
	62941	JUBA											

AREA	INDEX NUMBER	STATION	At 1800 on Fri. 28th WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST 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	90	5	15	01	0	0	—	16.6	22	65	15	0
	62303	SIDI BARÂNI	110	9	15	03	1	4	Cu,Ac	17.8	20	83	17	0
	62306	MATRÛH	120	9	12	01	1	1	Sc	18.8	20	60	12	0
	62309	EL DABA	70	4	7	06	0	0	—	19.1	20	60	12	0
		ALEXANDRIA	360	5	15	00	0	0	—	19.8	21	74	16	0
	62318	FOUAD (Airport)	40	4	12	02	0	1	Cu	19.4	19	73	14	0
	62330	DAMIETTA	320	5		01	0	1	Cu	19.1	21	74	16	0
	62333	PORT SAÏD	360	9	18	02	1	2	Sc	18.5	22	65	15	0
	62336	EL 'ARISH			15	02	1	3	Cu	18.3	22	65	15	0
LOWER EGYPT	62339	DAMANHÛR	40	5	7	02	1	2	Ci	19.6	20	52	17	0
	62342	MANSURA	360	9		00	1	0	—	19.6	19	73	14	0
	62348	TANTA	00	0	35	02	1	0	—	19.9	19	73	14	0
	62354	ZAGAZIG	320	2	35	00	1	0	—	19.0	20	83	17	0
	62441	ISMAÏLIA	20	2	35	01	0	0	—	18.7	20	73	15	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMÂZA	30	11	14	00	0	0	—	18.7	21	74	16	0
		EZBEKÎYA	360	5	15	00	0	0	—	18.4	22	74	17	0
		GÎZA	360	5	15	00	0	0	—	18.0	22	84	19	0
	62378	HELWÂN	360	16	15	01	1	0	—	18.5	22	57	13	0
UPPER EGYPT	62381	FAIYÛM	360	5	35	01	0	0	—	17.8	21	65	14	0
	62387	MINYA	360	5	10	00	0	0	—	17.2	19	64	12	0
	62393	ASYÛT MANQABÂT	320	5	12	00	0	0	—	16.0	22	69	16	0
	62399	NAG' HAMMÂDI	00	0		02	1	5	Cc	13.0	22	57	13	0
	62402	QENA	240	5	7	00	0	0	—	13.4	24	54	14	0
	62405	LUXOR	200	4	12	00	0	0	—	13.5	24	41	10	0
	62414	ASWÂN	360	5	50	00	0	0	—	12.7	31?	31	12	0
OASES	62417	SÎWA	00	0	35	00	0	0	—	18.3	20	53	10	0
	62420	BAHARÎYA	360	4	15	02	0	0	—	18.6	21	41	7	0
	62423	FARAFRA												
	62432	DAKHLA	320	9	35	00	0	0	—	15.8	25	42	11	0
	62435	KHARGA	00	0	15	00	0	0	—	15.5	24	32	6	0
RED SEA	62450	SUEZ	360	6	15	01	0	0	—	16.8	22	74	17	0
	62459	TÛR	310	5	15	01	1	3	Ci		24	69	18	0
	62462	HURGHÂDA	280	6	30	03	0	4	Cc	13.9	23	65	16	0
	62465	QUSEIR	360	9	15	02	0	0	—	13.0	25	70	19	0
	62641	PORT SÛDÂN	340	2	30	01	0	1	Sc,Cu	12.8	28	70	22	0
NORTH SÛDÂN	62600	WÂDI HALFA	340	9	30	00	0	0	—	12.6	27	28	7	0
	62640	ABU HAMAD	50	1	30	00	0	0	—	9.4	29	25	7	0
	62660	KAREIMA	310	6	30	00	0	0	—	10.2	29	19	3	0
	62680	'ATBARA	340	9	30	00	0	0	—	8.3	31	21	6	0
	62721	KHARTÛM	350	6	30	02	0	0	—	8.0	32	21	7	0
	62730	KASSALA												
CENTRAL SÛDÂN	62751	WÂD MEDANI												
	62801	RENK												
	62802	ROSEIRES												
	62771	EL OBEID	20	8	30	01	1	3	Ac	7.7	32	21	7	0
	62760	EL FÂSHER	80	2	30	00	0	1	Ac		30	27	9	0
	62770	GENEINA	20	10	30	02	1	7	Ac		31	16	2	0
S. SÛDÂN	62840	MALAKÂL	130	6	30	01	1	1	Ac	7.7	29	66	22	0
	62880	WÂU	00	0	30	03	2	8	Ac,Ac	7.9	27	74	22	0
	62941	JUBA	00	0	30	03	1	3	Ac,Ac	8.6	27	62	19	0

AREA	INDEX NUMBER	STATION	At 0600 on Saturday 29th October, WIND 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	270	2	15	01	0	0	—	16.8		18	25		14		73	13	0	0	
	62303	SIDI BARÂNI	180	14	15	01	0	0	—	17.8		20	26		13		64	13	0	1	
	62306	MATRÛH	160	6	15	02	1	2	Ac	19.0		19	26		15		64	12	0	0.2	
	62309	EL DABA	360	2	15	02	1	4	Cu	19.4		17	27		12		77	13	0	0	
		ALEXANDRIA	130	4	15	04	0	0	—	19.9	+2.5	21	25	-2	17	-2	74	16	0	dr.	5
	62318	FOUAD (Airport)	130	1	12	02	0	1	Ac	19.4		21	25		13		74	16	0	0	5
	62330	DAMIETTA	320	2	3	11	0	1	Cu	19.6	+3.4	21	25		16		83	18	0	dr.	5
	62333	PORT SAÏD	180	1	18	02	0	1	Sc	18.9		24	27		18		61	16	0	0	
	62336	EL 'ARISH	180	2	35	03	0	1	Cu	18.7	+2.8	24	27	0	15	-1	84	21	0	0	3
LOWER EGYPT	62339	DAMANHÛR	90	5	3	02	1	1	Ac	19.6	+2.5	19	28	-1	15	-1	88	17	0	0	3
	62342	MANSURA	360	5	35	00	0	0	—	19.8	+3.4	20	28	-1	15	-1	73	15	0	0	2
	62348	TANTA	90	2	35	02	0	0	—	19.9	+2.8	18	27	-2	10	-5	83	15	0	0	2
	62354	ZAGAZIG	320	2	15	00	0	0	—	19.2	+2.3	19	28	-1	15	0	83	16	0	0	1
	62441	ISMAÏLIA	160	2	35	01	0	0	—	18.8		21	27		16		74	16	0	dr.	
CAIRO AREA	62366	FAROUK (Airport)	70	5	12	00	0	0	—	18.7		18			14		78	14	0	0	
	62372	ALMÂZA	360	3	12	00	0	0	—	18.4		18	27		16		88	16	0	0	
		EZBEKÎYA	00	0	7	00	0	0	—	19.1	+2.3	18	27	-2	16	0	83	15	0	0	1
		GÎZA	00	0	7	00	0	0	—	19.5	+2.5	17	27	-1	16	+2	82	14	0	0	2
	62378	HELWÂN	00	0	7	00	0	0	—	18.7	+1.7	18	26	-4	17	0	83	15	0	0	1
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0	—	18.7	+2.2	20	27	-3	15	-1	73	15	0	0	0
	62387	MINYA	10	8	10	00	0	0	—	18.1		18	27		14		78	14	0	0	
	62393	ASYÛT MANQABÂT	310	3	30	00	0	0	—	17.7		20	27		19		69	14	0	0	
	62399	NAG' HAMMÂDI	320	1		00	0	0	—	15.9	+0.9	22	30		16		65	15	0	0	
	62402	QENA	240	5	35	00	0	0	—	16.2	+1.8	20	31	-2	17	+1	73	15	0	dr.	
	62405	LUXOR	180	5	30	00	0	0	—	15.1		23	32		16		50	12	0	0	
	62414	ASWÂN	360	7	50	00	0	0	—	14.6	+0.6	23	34	-1	20	0	57	14	0	0	
OASES	62417	SÎWA	00	0	35	00	0	0	—	19.5	+1.3	18	29	-1	11	-2	60	10	0	0	0
	62420	BAHARÎYA	00	0	35	02	0	0	—	18.7	+1.4	21	28	-1	12	-2	74	16	0	0	0
	62423	FARAFRA																			
	62432	DAKHLA	340	10	35	00	0	0	—	16.7	+0.3	20	29	-3	16	0	64	13	0	0	
	62435	KHARGA	20	1	35	00	0	0	—	16.4	+1.0	20	29	-3	18	+1	64	13	0	0	
RED SEA	62450	SUEZ	00	0	35	00	0	0	—	17.8	+1.9	21	27	-3	16	-2	83	18	0	0	1
	62459	TÛR	40	3	35	00	1	0	—	13.5	+0.3	22	27	-1	16	-1	72	16	0	0	0
	62462	HURGHÂDA	290	4		00	0	0	—	14.8		23	25		18		53	13	0	0	
	62465	QUSEIR	360	19	15	02	0	0	—	14.8	+0.6	25			22	0	61	17	0	0	0
	62641	PORT SÛDÂN											31						0	0	12
NORTH SÛDÂN	62600	WÂDI HALFA	360	4	30	00	0	0	—	14.2		21	33		17		50	10	0	0	
	62640	ABU HAMAD	50	3	30	00	0	0	—	10.9		25	37		22		34	8	0	0	
	62660	KAREIMA	20	2	30	00	0	0	—	11.6		25	37		22		28	5	0	dr.	1
	62680	'ATBARA											37							0	1
	62721	KHARTÛM	320	9	30	02	0	0	—	10.2		28	39		23		22	4	0	11	3
	62730	KASSALA	00	0	30	00	0	0	—	9.3		28	40		22		58	19	1	4	8
CENTRAL SÛDÂN	62751	WÂD MEDANI																	0	7	10
	62801	RENK																			41
	62802	ROSEIRES	330	2	35	02	0	0	—	9.6		23	38		19		78	19	0	47	27
	62771	EL OBEID	20	15	30	00	0	0	—	10.6		27	36		21		23	4	0	24	14
	62760	EL FÂSHER	10	2	30	00	0	0	—			23	36		19		34	6	0	1	6
	62770	GENEINA	50	13	30	00	1	3	Ac			23	36		21		16	-4	0	dr.	4
S. SÛDÂN	62840	MALAKÂL	310	4	30	03	0	3	Ac,Ac	10.2		25	36		23		94	24	0	38	73
	62880	WÂU	00	0	30	01	2	8	Cs	9.8		26	36		22		74	21	0	152	119
	62941	JUBA											36						7	36	89

HUMIDITY % Mean of day

STATION	on 28th	Diff. from normal
Alexandria	73	+5
Ezbekiya	72	+5
Giza	77	+8
Helwân	62	+8

GÎZA
GRASS MINIMUM TEMP.
ON 29th 9.2 °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 28th At 15h.

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	149	25	45	30	12
950					
900					
850	1547	15	55	20	17
800					
700	3160	5	28	270	11
600					
500	5817	-13		230	32
400		-25			
300	9496			340	66

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 28th

HEIGHT m.	Asyut (Man). TIME 15 DIR.	VEL.			Hurghada 15 DIR.	VEL.					Fasher 15 DIR.	VEL.			Khartoum 16 DIR.	VEL.								
300	330	16			340	35																		
600	350	17			340	17									10	15								
1000	350	16			330	10					60	11			10	29								
1500	20	13			320	8					70	15			10	18								
2000	320	10			360	5																		
3000	270	4									80	2			350	14								
4000	230	15																						
5000	220	26									250	9												
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 29th

STATION	SÎDI BARÂNI TIME 7 DIR.	VEL.	MATRÛH DIR.	VEL.	ROUAD AIRPORT DIR.	VEL.	PORT SAÏD DIR.	VEL.	EL 'ARÎSH DIR.	VEL.	HELWÂN 8 45 DIR.	VEL.	MINYA DIR.	VEL.	ASYÛT MANQABAD 9 DIR.	VEL.	LUXOR 8 30 DIR.	VEL.	ASWÂN 5 DIR.	VEL.	HURGHADA 9 DIR.	VEL.	
300	50	8									60	10			320	7	20	4	10	13	340	25	
600	20	5									50	8			40	19	40	4	40	19	320	20	
1000	30	2									50	18			30	22	350	8	80	10	310	16	
1500	180	11									30	17			360	21	310	8	130	4	280	17	
2000	180	10									20	13			350	12	250	5	90	6			
3000	280	5									320	19			310	7	190	14	170	3			
4000	300	7									290	16							220	11			
5000	320	8									220												
6000	290	13																					
7000																							
8000																							

STATION	SÎWA TIME 9 DIR.	VEL.	BAHARÎYA 9 DIR.	VEL.	DAKHLA 9 DIR.	VEL.	KHARGA 7 DIR.	VEL.	WÂDI HALFA 4 DIR.	VEL.	ABÛ HAMAD 4 DIR.	VEL.	KAREIMA 4 DIR.	VEL.	KHARTÛM 4 DIR.	VEL.	KASSALA 3 30 DIR.	VEL.	EL OBEID DIR.	VEL.	EL FÂSHER 4 30 DIR.	VEL.	MALAKÂL 3 30 DIR.	VEL.
300	220	14	110	12	20	9	10	14	10	14	360	4												
600	220	17	100	12	20	12	10	17	40	10	70	14	30	19	350	18	180	2					220	7
1000	240	13	110	15	30	13			30	21	80	15	40	27	20	25	90	9			360	5	210	3
1500	230	14	80	16					50	8	70	11	30	20	20	17	40	11			30	14	30	11
2000	230	21	30	5					10	4	110	12	30	18	10	9								
3000	270	23							40	10	330	6	310	14	50	1							40	16
4000	280	25									80	4												
5000											250	12											130	8
6000											240	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.

CAIRO
Time of Sunrise 04 06 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 : Friday 28th October, 1949

At 1200 on Thurs. 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	RAIN PAST 12 hrs mms
MEDITERRANEAN	62300	SALÛM	40	8	15	01	2	0	—	17.5	23	61	15	
	62303	SÎDI BARÂNI	20	9	15	02	0	0	—	17.0	22	65	15	
	62306	MATRÛH	40	9	18	01	1	2	Cu	18.3	23	57	14	
	62309	EL DABA	360	8	35	00	0	0	—	18.3	23	44	10	
		ALEXANDRIA	20	5	50	01	1	8	Cu	18.0	24	54	14	
	62318	FOUAD (Airport)	340	13	18	02	0	2	Cu, Sc	17.7	24	47	12	
	62330	DAMIETTA	20	2	15	02	0	1	Cu	16.6	24	54	14	
	62333	PORT SA'ÎD	350	9	30	02	0	2	Cu, Cu	16.6	24	61	16	
	62336	EL 'ARISH	320	3	35	03	0	2	Cu	16.3	24	54	14	
LOWER EGYPT	62339	DAMANHÛR	360	13	15	02	1	6	Cu	18.2	23	61	15	
	62342	MANSÛRA	360	5	35	03	2	6	Sc, Cu	17.0	26	42	12	
	62348	TANTA	310	5	15	01	1	4	Cu	17.9	25	47	13	
	62354	ZAGAZIG	40	2	35	02	1	3	Cu	16.3	26	55	16	
	62441	ISMA'ÎLIA	40	2	35	03	1	5	Cu	16.0	25	54	15	
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMÀZA	360	8	30	01	2	4	Cu, Ci	16.2	26	48	14	
		EZBEKÎYA	360	5	35	00	0	2	Cu	16.0	26	45	13	
		GÎZA	360	5	35	00	0	2	Cu	16.7	26	43	12	
	62378	HELWÂN	340	13	35	01	2	3	Sc, Cu	15.9	25	42	11	
UPPER EGYPT	62381	FAIYÛM	360	2	35	01	0	1	Ci	15.8	26	42	12	
	62387	MINYA	20	8	12	00	1	0	—	16.3	26	42	12	
	62393	ASYÛT MANQABÂD	320	11	30	00	0	0	—	15.5	24	47	12	
	62399	NAG' HAMMÂDI	270	2	7	00	0	0	—	13.6	28	52	17	
	62402	QENA	270	5	50	00	1	0	—	13.0	30	40	15	
	62405	LUXOR												
	62414	ASWÂN	340	3	50	00	0	0	—	11.0	33	32	14	
OASES	62417	SÎWA	00	0	35	00	0	0	—	19.2	28	52	17	
	62420	BAHARÎYA	360	3	35	02	1	0	—	17.0	25	42	11	
	62423	FARAFRA												
	62432	DAKHLA	360	6	50	00	0	0	—	14.2	26	30	7	
	62435	KHARGA	360	4	35	00	0	0	—	12.7	28	33	10	
RED SEA	62450	SUEZ	360	5	35	03	0	3	Cu, Sc	15.0	26	55	16	
	62459	TÛR	310	5					Ac, Ci	13.5	24	78	18	
	62462	HURGHÂDA	350	12		01	0	1	Cc				10	
	62465	QUSEIR	360	13	15	02	0	0	—	12.3	26	70	20	
	62641	PORT SÛDÂN	360	10	30	02	1	5	Cu	11.3	31	62	23	
NORTH SÛDÂN	62600	WÂDI HALFA	20	8	30	03	0	1	Ac	10.5	33	20	7	
	62640	ABU HAMAD	90	3	30	00	0	0	—	6.9	35	22	10	
	62660	KAREIMA	20	4	30	00	0	0	—	6.2	37	18	9	
	62680	'ATBARA	270	5	30	00	0	0	—	5.6	37	17	8	
	62721	KHARTÛM	30	7	30	03	0	1	Cu	5.1	37	12	5	
	62780	KASSALA	180	2	30	00	0	0	—	3.1	37	16	9	
CENTRAL SÛDÂN	62751	WÂD MEDANI	50	5	35	00	0	0	—	3.4	39	10	2	
	62801	RENK												
	62802	ROSEIRES												
	62771	EL OBEID	50	6	30	01	1	4	Cu	4.4	34	22	9	
	62760	EL FÂSHER	50	13	30	00	1	4	Cu, Ac		35	27	13	
	62770	GENEINA	70	12	30	00	0	2	Cu, Ci		35	13	3	
S. SÛDÂN	62840	MALAKÂL												
	62880	WÂU												
	62941	JUBA												

At 1800 on Thurs. 27th

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	20	3	15	03	0	3	Ac	18.0	21	74	16	0
62303	160	3	15	02	0	0	—	19.4	16	77	12	0
62306	00	0	12	00	0	0	—	18.7	16			0
62309	00	0				0	—	18.7	18	73	13	0
	360	6	35	02	1	4	Sc, Ac	19.5	21	65	14	0
62318												
62330	360	2		02	0	1	Cu	17.9	21	83	18	0
62333	20	6	18	01	0	1	Sc	17.4	22	69	16	0
62336	00	0	35	02	0	2	Cu	17.0	23	61	15	0
62339	360	9	7	02	0	0	—	18.6	19	83	16	0
62342	40	5		00	1	0	—	18.0	20	73	15	0
62348	00	0	35	01	1	2	Cu	19.2	19	83	16	0
62354	40	2	35	00	0	0	—	17.2	19	83	16	0
62441	20	2	35	01	0	0	—		20	83	17	0
62366	340	8				3	Sc	17.7	21	65	14	0
62372	330	8	14	02	0	1	Ac	17.5	20	78	16	0
	360	6	15	00	0	0	—	17.5	21	74	16	0
	360	6	15	00	0	0	—	17.9	20	74	15	0
62378	340	11	15	01	0	0	—	17.4	21	65	14	0
62381	360	2	35	01	0	0	—	16.3	21	57	12	0
62387	360	4	10	00	0	0	—	16.7	18	73	13	0
62393	280	6	12	01	1	1	Ac	16.1	20	73	15	0
62399	00	0		00	0	0	—	14.6	21	74	16	0
62402												
62405	00	0	12	01	1	1	Ci	13.4	23	50	12	0
62414	360	4	50	02	1	3	Ac	12.8	27	40	12	0
62417	00	0	35	00	0	0	—	19.4	20	83	17	0
62420	360	3	15	02	0	0	—	17.9	19	52	9	0
62423												
62432	320	8	35	00	0	0	—	16.1	23	36	7	0
62435	360	4	15	00	0	0	—	16.2	24	28	4	0
62450	360	3	15	01	0	0	—	15.9	22	63	19	0
62459	260	1	15	01	1	1	Ci	14.2	20	73	15	0
62462	300	11		03	0	1	Cc	13.3	24	65	17	0
62465	310	13	15	02	0	0	—	12.9	25	61	17	0
62641	00	0		03	1	3	Sc	12.4	29	66	22	0
62600												
62640		1	30	00	0	0	—	8.8	30	22	6	0
62660												
62680	290		30	00	0	0	—	8.4	29	31	10	0
62721	20	8	30	01	0	0	—	6.8	32	21	7	0
62780												
62751												
62801												
62802												
62771	00	0	30	01	2	8	Ac	7.3	29	43	15	0
62760	40	4	30	01	0	3			30	24	7	0
62770	20	10	30	00	0	2	Ac		31	16	2	0
62840	00	0	30	02	2	6	Cs	7.6	28	79	24	0
62880	00	0	30	13	1	8	Cb, Ac	7.6	28	70	22	0
62941												

At 0600 on Friday 28th October,

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	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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
62300	180	1	15	03	6	5	Cu	19.3		21	25		14		50	10	0	0	
62303	150	6	15	03	1	3	Cu, Ac	19.1		18	26		12				0	1	
62306	220	4	12	00	0	0	—	18.8		16	24		11		68	10	0	0.2	
62309	00	0	7	03	2	6	St	18.3		17	25		11		64	10	0	0	
	220	3	15	04	3	6	St	19.8	+2.4	20	25	-2	18	-1	73	15	0	dr.	5
62318	20	4	18	02	2	7	Sc, Cu	19.7		22			13?		65	15	0	0	5
62330	20	5	7	03	1	3	Cu	18.7	+2.6	23	25		19		65	16	0	dr.	5
62333	20	5	18	01	0	1	Sc	18.2		24	26		21		65	17	0	0	
62336	180		35	01	0	1	Cu	17.4	+1.8	19	27	0	15	-1	73	14	0	0	3
62339	360	5	3	02	1	2	Ci	19.2	+2.2	19	25	-4	15	-1	83	16	0	0	3
62342	320	5	35	01	1	3	Ac	19.2	+2.8	22	29	0	17	0	65	15	0	0	2
62348	310	2	35	01	1	3	Cu	19.5	+2.4	18	28	-1	11	-4	88	16	0	0	2
62354	320	2	15	00	0	0	—	18.3	+1.4	21	28	-1	15	0	74	16	0	0	1
62441	290	2	35	01	1	4	Cu	17.9		21	27		17		74	16	0	dr.	
62366											26						0	0	
62372	00	0	12	03	1	2	Ci	18.6		19	26		14		83	16	0	0	
	00	0	7	00	0	2	Ci	19.2	+2.5	18	27	-2	16	0	88	16	0	0	1
	00	0	7	00	0	2	Ci	19.0	+2.1	19	27	-1	13	-1	83	16	0	0	2
62378	360	6	7	00	1	4	Ci	18.3	+1.4	20	26	-2	16	-1	73	15	0	0	1
62381	360	8	35	03	0	2	Ci	19.0	+2.5	20	26	-4	16	0	73	15	0	0	0
62387	20	10	10	03	1	6	Sc	18.1		18	26		15		88	16	0	0	
62393	300	2	30	01	0	1	Ci	17.6		18			14		78	14	0	0	
62399	290	2	7	00	0	0	—	15.9	+0.9	22	29		16		65	15	0	0	
62402	240	5	35	00	0	0	—	16.2	+1.9	21			17	0	65	14	0	dr.	
62405	00	0	30	00	0	0	—	15.0		24	31		17		50	13	0	0	
62414	360	9	50	00	0	0	—	14.6	+0.7	21	35	0	19	-1	65	14	0	0	
62417	00	0	35	00	0	0	—	19.8	+1.6	18	29	-1	11	-2	52	8	0	0	0
62420	360	3	35	02	1	3	Ac	19.4	+2.1	18	26	-3	11	-3	83	15	0	0	0
62423																			
62432	00	0	35	00	0	0	—	18.3	+2.0	18	27	-5	16	0	60	10	0	0	
62435	360	4	15	00	0	0	—	16.4	+1.1	20	28	-4	15	-2	64	13	0	0	
62450	00	0	35	00	0	1	Cu	16.7	+0.8	20	28	-2	17	-1	88	18	0	0	1
62459	20	3	35	00	0	0	—	14.8	+0.1	17	27	-1	14	-3	68	11	0	0	0
62462	290	5		00	0	0	—	14.8		23	24		17		50	12	0	0	
62465	330	9	15	00	0	3	Ci	14.8	+0.7	25			22	0	58	15	0	0	0
62641	190	10	30	01	1	3	Cu, Ci	13.4		29	32		29		66	22	0	0	11
62600	360	7	30	00	0	0	—	14.7		21	34		17		44	8	0	0	
62640	70	5	30	00	0	0	—	11.4		25	36		22		25	5	0	0	
62660	50	4	30	00	0	0	—	11.8		26	37		23		30	7	0	dr.	1
62680	50	5	30	02	0	1	Ci	10.8		27	38		23		52	16	0	0	1
62721	350	9	30	02	0	0	—	12.0		28	39		24		25	6	0	11	3
62780	00	0	30	00	0	0	—	8.2		31	40		21		38	15	0	4	7
62751	50	5	50	00	0	0	—	9.3		28	40		21		37	12	0	7	9
62801																			39
62802	160	2	35	00	0	0	—	9.0		26	39		20		79	22	0	47	24
62771	360	6	30	00	0	0	—	10.5		27	37		22		28	7	0	24	14
62760	30	1	30	00	1	1	Ac			25	35		20		36	9	0	1	6
62770	50	8	30	01	1	5	Ac, Ci			26	35		23		23	3	0	dr.	4
62840											36						0	38	72
62880	00	0	30	01	2	4	Ci	10.2		25	35		22		79	21	0	152	116
62941																	0	29	86

HUMIDITY %

Mean of day

STATION	on 27th	Diff. from norms†
Alexandria	63	-5
Ezbekîya	69	+2
Gîza	71	+2
Helwân	64	+10

GÎZA

GRASS MINIMUM TEMP. ON 28th 9.0 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ____ At ____

RAWINSONDE — On 27th At 15h AIRPORT

PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	140	25	45	20	12
950					
900					
850	1535	11	71	40	10
800					
700	3142	6		270	13
600					
500	5799	-12		230	27
400		-24			
300	9493	-40		240	62

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					

Remarks

UPPER WIND OBSERVATIONS on 27th

STATION	Port Said				Asyut (Plain)				Hurghada															
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.
300	340	12			320	19			330	13														
600	360	13			350	14			360	14														
1000	20	16			10	13			20	13														
1500	60	7			10	3			360	5														
2000	140	3			300	5			90	6														
3000	70	6			250	4			220	33														
4000					230	11																		
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 28th

STATION	SÎDI BARÂNI		MATRÛH		SOUAD AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Aswan
TIME	9														9						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	140	3													320	12					340	27	10	16
600	140	3													350	17					320	21	20	19
1000	170	7													10	17					300	14	30	15
1500	260	12													340	8					270	7	30	15
2000	250	17													310	2					210	15	10	16
3000	280	15													320	2					190	18	280	11
4000	290	12																						
5000	290	11																						
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7		4										3 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	140	12	10	14	10	10	360	17	260	17														
600	150	11	20	15	10	16	20	23	20	19														
1000	130	14	30	24	10	16	20	23	30	14									30	25	360	5		
1500	230	8	20	13	20	25			50	5									50	25	50	17		
2000	270	7																	50	29				
3000	300	17							170	6									50	7	100	11		
4000																								
5000																								
6000																								
7000																								
8000																								

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

Note: All times G. M. T.

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

CAIRO
Time of Sunrise 04 07 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 : Sunday 30th October, , 1949

At 1200 on Sater. 29th / At 1800 on Sater. 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	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms.	
	SALUM	360	9	35	02	0	0	—	17.6	24	54	14	20	7	15	03	0	6	ac	17.6	22	74	17	0	SALUM
	SIDI BARÂNI	50	14	35	02	0	0	—	17.5	23	53	13	70	10	15	02	0	2		17.9	21	88	19	0	SIDI BARÂNI
	MATRÛH	130	11	18	01	0	0	—	16.7	26	42	12	140	8	12	00	0	0	—	17.4	20	73	15	0	MATRÛH
	EL DABA	70	13	35	00	0	0	—	17.0	24	47	12	90	9	7	00	0	0	—	17.1	20	83	17	0	EL DABA
	ALEXANDRIA	20	8	50	00	0	0	—	18.7	22	74	17	40	5	15	00	0	0	—	19.0	21	74	16	0	ALEXANDRIA
	FOUAD (Airport)	20	10	18	02	0	0	—	18.5	26	48	14	70	5	12	02	0	0	—	18.9	18	88	16	0	FOUAD (Airport)
	DAMIETTA	20	2	15	01	0	0	—	18.4	24	69	18	360	2		00	0	0	—	18.8	21	83	18	0	DAMIETTA
	PORT SAÏD	20	5	30	01	0	1	Sc	18.2	24	69	18	20	7	18	02	0	0	—	18.8	22	74	17	0	PORT SAÏD
	EL 'ARISH	320	3	35	02	0	1	Cu	17.6	24	61	16	320	2	35	62	1	3	Cu	17.0	23	61	15	0	EL 'ARISH
	DAMANHUR												40	9	15	02	0	0	—	19.5	19	83	16	0	DAMANHUR
	MANSURA	360	5	35	01	1	3	Cu	18.4	28	45	15	20	5		00	1	0	—	19.6	20	88	17	0	MANSURA
	TANTA	40	5	35	02	0	0	—	18.8	27	52	16	00	0	35	02	0	0	—	19.9	19	83	16	0	TANTA
	ZAGAZIG	40	5	35	00	0	0	—	17.4	27	55	17	40	2	35	00	0	0	—	18.7	20	83	17	0	ZAGAZIG
	ISMAILIA	40	2	35	01	0	0	—	17.2	27	42	13	40	2	35	02	0	0	—	18.2	20	73	15	0	ISMAILIA
	FAROUK (Airport)																								FAROUK (Airport)
	ALMAZA	20	10	30	00	0	0	—	16.8	27	72	12	20	9	12	00	0	0	—	18.4	22	65	15	0	ALMAZA
	EZBEKIYA	20	5	35	00	0	0	—	17.2	28	42	14	20	5	15	00	0	0	—	18.6	22	65	15	0	EZBEKIYA
	GIZA	20	5	35	00	0	0	—	17.4	28	41	13	20	5	15	00	0	0	—	18.6	22	69	16	0	GIZA
	HELWAN	20	15	35	02	0	0	—	16.4	28	27	7	20	18	15	02	0	0	—	17.9	22	57	13	0	HELWAN
	FAIYUM	360	2	35	02	0	0	—	16.2	30	31	11	360	2	35	02	0	0	—	17.8	22	57	13	0	FAIYUM
	MINYA	360	9	12	00	0	0	—	16.1	30	31	11	360	4	10	00	0	0	—	16.4	20	69	14	0	MINYA
	ASYUT	320	6	30	00	0	0	—	14.1	28	42	14													ASYUT
	NAG' HAMMADI	20	1	7	00	0	0	—	12.4	30	40	15	00	0		00	0	0	—	13.5	23	44	10	0	NAG' HAMMADI
	QENA	270	5	50	00	0	0	—	12.4	30	46	17	270	2	7	00	0	0	—	12.6	24	61	16	0	QENA
	LUXOR	00	0	30	00	0	0	—	12.5	31	31	12	00	0	12	00	0	0	—	12.7	23	44	10	0	LUXOR
	ASWAN	360	6	50	00	0	0	—	11.0	34	30	14	00	0	50	00	0	0	—	11.9	32	28	11	0	ASWAN
	SIWA	00	0	35	00	0	0	—	18.4	30			00	0	35	00	0	0	—	18.0	20	46?	8?	0	SIWA
	BAHARIYA	40	3	35	02	0	0	—	17.0	30	35	13	60	0	15	02	0	0	—	17.6	22	57	13	0	BAHARIYA
	FARAFRA																								FARAFRA
	DAKHLA	320	6	50	00	0	0	—	14.2	31	28	10	320	2	35	00	0	0	—	15.0	25	42	11	0	DAKHLA
	KHARGA	40	3	35	00	0	0	—	12.3	32	20	6	360	1	15	00	0	0	—	14.8	26	34	8	0	KHARGA
	SUEZ	360	11	35	02	0	0	—	16.0	27	42	13	00	0	15	02	0	0	—	17.2	21	74	16	0	SUEZ
	TOR	310	13	35	00	0	0	—	13.9	26	70	20	310	2	15	00	0	0	—	14.6	23	50	12	0	TOR
	HURGHADA	350	13		02	1	1	ac	13.7	26	62	18	270	10	30	00	0	0	—	14.1	24	74	19	0	HURGHADA
	QUSEIR	20	13	15	02	0	0	—	14.0	26	70	20	310	9	15	02	0	0	—	14.0	25	61	19	0	QUSEIR
	PORT SUDAN	10	8	30	01	1	2	Cu, ac	10.3		59	22													PORT SUDAN
	WADI HALFA	360	10	50	00	0	0	—	10.1	33	26	11													WADI HALFA
	ABU HAMAD	90	1	30	00	0	0	—	6.5	37	17	8													ABU HAMAD
	KAREIMA	110	1	30	00	0	0	—	6.8	37	14	6													KAREIMA
	ATBARA	340	5	30	03	0	1	Cu	5.2	37	19	10													ATBARA
	KHARTUM	330	9	30	07	0	0	—	5.4	37	25	14													KHARTUM
	KASSALA	00	0	30	00	0	0	—	3.5	38	21	12													KASSALA
	WAD MEDANI	360	5	35	02	0	0	—	3.9	38	13	5													WAD MEDANI
	RENK																								RENK
	ROSEIRES	20	2	35	02	0	0	—	4.8	38	17	9													ROSEIRES
	EL OBEID	20	8	30	00	0	0	—	5.7	36	12	2													EL OBEID
	EL FASHER	30	3	30	00	0	0	—		33	23	9													EL FASHER
	GENEINA	20	13	30	00	1	1	ac		34	9	-4													GENEINA
	MALAKAL	180	12	30	01	1	3	Cb, ac	7.9	30	55	20													MALAKAL
	WAU	140	2	30	03	2	8	Cb, ac	9.5	34	39	18													WAU
	JUBA																								JUBA

At 0600 on Sunday 30th October,

STATION	WIND 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	TEMPERATURES °C MAXIMUM Yesterday	TEMPERATURES °C MAXIMUM Diff. from normal	TEMPERATURES °C MINIMUM Today	TEMPERATURES °C 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
SALUM	160	7	15	02	0	5	Cu	18.8		21	26		15		83	18	0	0		SALUM
SIDI BARÂNI	110	4	35	03	0	3	Cb, ac	19.8		19	26		16		88	17	0	1		SIDI BARÂNI
MATRÛH	170	4	12	00	0	0	—	20.0		20	26		15		73	15	0	0.2		MATRÛH
EL DABA	140	4	15	00	0	0	—	18.8		19	25		13		83	16	0	0		EL DABA
ALEXANDRIA	130	3	15	04	1	2	Cu	19.9	+2.4	21	27	0	17	-2	65	14	0	dr.	5	ALEXANDRIA
FOUAD (Airport)	110	4	18	02	0	0	—	20.0		21	27		13		74	16	0	0	5	FOUAD (Airport)
DAMIETTA	70	2		11	0	0	—	19.5	+3.3	22	25		16		74	17	0	dr.	5	DAMIETTA
PORT SAÏD	50	4	18	02	0	1	Cu	19.7		23	26		20		61	15	0	0		PORT SAÏD
EL 'ARISH	00	0	35	03	1	4	Cu	19.3	+3.8		27	0	12	-4	74	18	0	0	3	EL 'ARISH
DAMANHUR	130	5		02	0	0	—	20.0	+2.9	20	29	0	16	0	83	17	0	0	3	DAMANHUR
MANSURA	40	2	35	00	0	0	—	20.2	+3.7	21	28	-1	14	-2	74	16	0	0	2	MANSURA
TANTA	00	0	35	02	0	0	—	20.3	+3.1	17	28	-1	10	-5	68	15	0	0	2	TANTA
ZAGAZIG	320	2	15	00	0	0	—	19.1	+2.1	17	28	-1	12	-3	68	15	0	0	1	ZAGAZIG
ISMAILIA	160	2	35	01	0	0	—	19.6		20	27		15		83	17	0	dr.		ISMAILIA
FAROUK (Airport)																	0	0		FAROUK (Airport)
ALMAZA	20	4	12	00	0	0	—	19.7	+2.9	19	28		16		83	16	0	0		ALMAZA
EZBEKIYA	20	3	7	00	0	0	—	20.2	+3.4	18	29	0	15	-1	78	14	0	0	1	EZBEKIYA
GIZA	20	3	7	00	0	0	—	20.0	+3.0	19	28	0	15	+1	81	16	0	0	2	GIZA
HELWAN	40	11	7	00	0	0	+	19.4	+2.4	21	28	0	17	0	65	14	0	0	1	HELWAN
FAIYUM	360	5	35	02	0	0	—	19.6	+3.0	21	30	0	14	-2	57	12	0	0	0	FAIYUM
MINYA	00	0	10	00	0	0	—	18.8		19	30		12		64	12	0	0		MINYA
ASYUT	00	0	18	00	0	0	—	18.0		21			15		57	12	0	0		ASYUT
NAG' HAMMADI	360	1	7	00	0	0	—	16.8	+1.7	23	32		16		50	12	0	0		NAG' HAMMADI
QENA	240	5	35	00	0	0	—	17.1	+2.6	19	33	0	16	0			0	dr.		QENA
LUXOR											32						0	0		LUXOR
ASWAN	360	8	50	00	0	0	—	15.8	+1.8	23	35	0	20	+1	50	12	0	0		ASWAN
SIWA	00	0	35	00	0	0	—	19.9	+1.7	18	31	+1	10	-3	60	10	0	0	0	SIWA
BAHARIYA	00	0	35	00	0	0	—	19.0	+1.6	22	31	+2	13	0	65	15	0	0	0	BAHARIYA
FARAFRA																				FARAFRA
DAKHLA	00	0	35	00	0	0	—	17.0	+0.5	20	32	0	15	0	46	8	0	0		DAKHLA
KHARGA	360	1	35	00	0	0	—	17.5	+2.0	23	32	0	18	+2	38	8	0	0		KHARGA
SUEZ	00	0	35	00	0	0	—	18.4	+2.4	21	28	-1	16	-2	74	16	0	0	1	SUEZ
TOR	40	2	35	00	0	0	—	15.3	+0.7	21	28	0	15	-2	41	7	0	0	0	TOR
HURGHADA	310	15		00	0	0	—	15.4		23	26		18		50	12	0	0		HURGHADA
QUSEIR	360	19	15	02	0	0	—	15.6	+1.3	26			23	+1	42	12	0	0	0	QUSEIR
PORT SUDAN	300	9	30	01	1	5	Sc	13.9		29	32		26		70	23	0	0	12	PORT SUDAN
WADI HALFA	20	7	30	00	0	0	—	14.8		22	35		19		38	7	0	0		WADI HALFA
ABU HAMAD	70	5	30	00	0	0	—	11.2		28	38		23		29	8	0	0		ABU HAMAD
KAREIMA	20	4	30	00	0	0	—	11.5		27	38		21		23	4	0	dr.	1	KAREIMA
ATBARA	20	5	30	00	0	0	—	12.1		28	37		22		45	15	0	0	1	ATBARA
KHARTUM	350	5	30	02	0	0	—	10.5		28	38		24		23	5	0	11	3	KHARTUM
KASSALA	00	0	30	00	0	0	—	9.9		29	41		22		52	18	0	4	8	KASSALA
WAD MEDANI	310	5	50	02	0	0	—	10.4		26	39		18		37	10	0	7	10	WAD MEDANI
RENK	130	2	50	02	0	0	—	11.0		29	37		20		49	17	0		42	RENK
ROSEIRES	200	2	35	02	0	0	—	10.0		24	39		19		74	19	0	47	28	ROSEIRES
EL OBEID	360	17	30	00	0	0	—	11.1		26	37		21		16	-2	0	24	15	EL OBEID
EL FASHER	00	0	30	00	0	1	Ci			21	35		16		35	5	0	1	6	EL FASHER
GENEINA	50	10	30	01	1	4	Ci			21	35		17		17	-5	0	dr.	4	GENEINA
MALAKAL	310	4	30	02	1	5		11.8		25	35		22		84	22	0	38	74	MALAKAL
WAU	00	0	30	01	2	6	ac	11.4		22	35		20		94	21	12	164	122	WAU
JUBA	180	5	30	01	6	6	ac, a	12.8		25	34		21		79	21	5	47	92	JUBA

HUMIDITY

Mean of day

STATION	on 29th	Diff. from normal
Alexandria	73	+5
Ezbekiya	68	-1
Giza	70	+1
Helwân	63	+9

GIZA
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

On 29th At 15h AIRPORT						On ... At ... AIRPORT						On ... At ... AIRPORT					
PRESSURE mbs	HEIGHT ABOVE METRES	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	149	26	45	50	11	1000						1000					
950						950						950					
900						900						900					
850	1547	13	72	60	15	850						850					
800						800						800					
700	3148	2	25	310	15	700						700					
600						600						600					
500	5561	-16		—	24	500						500					
400		-27				400						400					
300	9413	-41		250	40	300						300					

UPPER WIND OBSERVATIONS on 29th

STATION	Herghada																							
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	340	29																						
600	350	33																						
1000	340	25																						
1500	320	14																						
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 30th

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		EL 'ARISH		HELWÂN		MINYA		ASYUT MANQABAD		LUXOR		ASWÂN		HURGHADA		
TIME	9										8 30				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	40	4									60	7			360	9			10	8	340	20		
600	50	2									60	6			20	19			30	18	330	19		
1000	100	3									30	17			20	19			40	15	310	16		
1500	70	3									40	12			10	23			50	10	360	9		
2000	230	1									340	8			20	13			50	5	80	5		
3000	230	1									270	5			330	6			210	4	250	10		
4000											300	11			320	3			250	13	220	13		
5000											280	19							260	12	260	11		
6000																					250	6		
7000																					250	11		
8000																					300	14		

STATION	SIWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9		9		7		4		4		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	280	6	90	7	50	3	30	21	10	14														
600	310	7	70	7	40	9	30	29	40	17	60	21	40	25										
1000	270	7	100	5	30	16	20	35	40	21	80	17	40	33					360	25	360	13		
1500	270	5	80	9							70	14	40	8					20	9	30	7		
2000	330	5	70	9									30	6					30	7	130	2		
3000	330	20	20	10					200	7	240	7	270	1					60	6	330	8		
4000	330	13											290	3					180	5				
5000	320	12																	180	5				
6000	260	6																						
7000	240	15																						
8000	230	24																						

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of 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.

CAIRO

Time of Sunrise 04 06 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 29th October, , 1949

At 1200 on Fri. 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	7	35	03	0	3	Cu, Ac	16.4	24	61	16
	62305	SÎDI BARÂNI	50	10	50	02	1	3	Cu, Ac	18.0	23	61	15
	62308	MATRÛH	360	10	18	03	1	3	Cu, Sc	17.5	25	47	13
	62309	EL DABÂ	340	5	35	00	0	0	—	17.2	24	54	14
		ALEXANDRIA	20	6	50	01	1	4	Sc, Ac	18.2	23	61	15
	62318	FOUAD (Airport)	360	10	18	02	0	3	Cu, Ci	18.0	25	47	13
	62330	DAMIETTA	360	2	15	03	2	6	Cu	17.6	23	65	16
	62333	PORT SAÏD	10	9	30	01	1	5	Sc, Ci	17.5	24	61	16
	62386	EL 'ARISH			35	03	1	3	Cu	18.0	25	54	15
LOWER EGYPT	62339	DAMANHÛR	40	9	15	02	1	3	Cc	18.6	27	42	13
	62342	MANSÛRA	360	5	15	03	2	6	Cu	17.8	26	48	14
	62348	TANTA	360	5	35	01	1	4	Cu	17.9	26	48	14
	62354	ZAGAZIG	40	5	35	02	1	3	Cu	16.8	27	55	17
	62441	ISMAÏLIA	20	5	35	03	1	4	Cu	15.9	26	48	14
CAIRO AREA	62366	FAROUK (Airport)	40	11	12	02	3	6	Sc, Cu	16.7	27	37	11
	62372	ALMÂZA	20	9	30	01	1	2	Cu	16.4	26	45	13
		EZBEKÎYA	360	5	35	00	0	5	Cu, Ci	17.0	27	45	14
		GÎZA	360	5	35	00	0	5	Cu, Ci	17.2	27	41	12
	62378	HELWÂN	360	8	15	02	1	5	Cu, Ci	15.8	26	42	12
UPPER EGYPT	62361	FAIYÛM	360	8	35	02	1	3	Ci	16.3	27	42	13
	62387	MINYA	10	14	12	02	1	1	Ci	16.0	27	42	13
	62393	ASYÛT MANQABÂD	320	16	30	00	0	0	—	14.5	26	42	12
	62399	NAG' HAMMÂDI	270	3	15	00	0	0	—	13.3	28	52	17
	62402	QENA	240	5	50	00	0	0	—	12.8	30	40	15
	62405	LUXOR	20	4	30	00	0	0	—	12.0	31	24	8
	62414	ASWÂN	00	0	50	00	0	0	—	11.0	34	32	15
OASES	62417	SÎWA	140	4	35	00	0	0	—	19.2	29	52	18
	62420	BAHARÎYA	360	5	35	02	1	0	—	17.4	27	37	11
	62428	FARAFRA											
	62432	DAKHLA	320	10	50	00	0	0	—	1 .	27	35	10
	62435	KHARGA	20	5	35	00	0	0	—	15.0	29	31	10
RED SEA	62450	SUEZ	20	4	35	03	0	3	Cu	15.2	26	55	16
	62459	TÛR	310	9	35	00	0	3	Ci	13.1	26	70	20
	62462	HURGHÂDA	330	12		00	0	0	—	12.9	25	70	19
	62465	QUSEIR	20	9	15	01	0	0	—	13.0	27	62	19
	62641	PORT SUDÂN	10	13	30	02	0	2	Cu	10.9	31	62	23
NORTH SUDAN	62600	WÂDI HALFA	350	15	30	00	0	0	—	10.9	33	23	9
	62640	ABU HAMAD	90	5	30	00	0	0	—	7.1	35	13	3
	62660	KAREIMA	360	10	30	00	0	0	—	6.1	37	17	8
	62680	'ATBARA	340	5	30	00	0	0	—	6.3	36	22	11
	62721	KHARTÛM	340	12	30	02	0	0	—	5.4	39	11	3
	62730	KASSALA	00	0	30	00	0	0	—	2.8	37	20	12
CENTRAL SUDAN	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID	50	9	30	00	0	0	—	5.8	35	13	3
	62760	EL FÂSHER	80	8	30	00	0	0	—		35	22	10
	62770	GENEINA	20	8	30	01	1	4	Cu, Ac		35	18	7
S. SUDAN	62840	MALAKÂL	140	1	30	02	1	3	Cu, Ci	5.8	35	44	21
	62880	WÂU	290	3	30	03	1	7	Cu, Ci	5.3	36	37	19
	62941	JUBA											

At 1800 on Fri. 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	RAIN PAST 12 hrs mms
MEDITERRANEAN	62300	SALÛM	90	5	15	01	0	0	—	16.6	22	65	15	0
	62305	SÎDI BARÂNI	110	9	15	03	1	4	Cu, Ac	17.8	20	83	17	0
	62308	MATRÛH	120	9	12	01	1	1	Sc	18.8	20	60	12	0
	62309	EL DABÂ	70	4	7	06	0	0	—	19.1	20	60	12	0
		ALEXANDRIA	360	5	15	00	0	0	—	18.8	21	74	16	0
	62318	FOUAD (Airport)	40	4	12	02	0	0	—	17.4	19	73	14	0
	62330	DAMIETTA	320	5		01	0	1	Cu	19.1	21	74	16	0
	62333	PORT SAÏD	360	9	18	02	1	2	Sc	18.5	23	65	15	0
	62386	EL 'ARISH			15	02	1	3	Cu	18.3	22	65	15	0
LOWER EGYPT	62339	DAMANHÛR	40	5	7	02	1	2	Ci	19.6	20	52	17	0
	62342	MANSÛRA	360	9		00	1	0	—	17.6	19	73	14	0
	62348	TANTA	00	0	35	02	1	0	—	19.9	19	73	14	0
	62354	ZAGAZIG	320	2	35	00	1	0	—	19.0	20	83	17	0
	62441	ISMAÏLIA	20	2	35	01	0	0	—	18.7	20	73	15	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMÂZA	30	11	14	00	0	0	—	18.7	21	74	16	0
		EZBEKÎYA	360	5	15	00	0	0	—	18.4	22	74	17	0
		GÎZA	360	5	15	00	0	0	—	18.0	22	84	19	0
	62378	HELWÂN	360	16	15	01	1	0	—	18.5	22	57	13	0
UPPER EGYPT	62361	FAIYÛM	360	5	35	01	0	0	—	17.8	21	65	14	0
	62387	MINYA	10	8	10	00	0	0	—	17.2	19	64	12	0
	62393	ASYÛT MANQABÂD	310	3	30	00	0	0	—	16.0	22	69	16	0
	62399	NAG' HAMMÂDI	320	1		00	0	0	—	14.5	22	57	13	0
	62402	QENA	240	5	35	00	0	0	—	13.4	24	54	14	0
	62405	LUXOR	180	5	30	00	0	0	—	13.5	24	41	10	0
	62414	ASWÂN	360	7	50	00	0	0	—	12.7	31?	31	12	0
OASES	62417	SÎWA	00	0	35	00	0	0	—	18.3	20	53	10	0
	62420	BAHARÎYA	00	0	35	00	0	0	—	18.6	21	41	7	0
	62428	FARAFRA												
	62432	DAKHLA	320	9	35	00	0	0	—	15.8	25	42	11	0
	62435	KHARGA	15	0	15	00	0	0	—	15.5	24	32	6	0
RED SEA	62450	SUEZ	360	6	15	01	0	0	—	16.8	22	74	17	0
	62459	TÛR	310	5	15	01	1	3	Ci		24	69	18	0
	62462	HURGHÂDA	280	6	30	03	0	4	Cc	13.9	23	65	16	0
	62465	QUSEIR	360	9	15	02	0	0	—	13.0	25	70	19	0
	62641	PORT SUDÂN	340	2	30	01	0	1	Sc, Cu	12.8	28	70	22	0
NORTH SUDAN	62600	WÂDI HALFA	340	9	30	00	0	0	—	12.6	27	28	7	0
	62640	ABU HAMAD	50	1	30	00	0	0	—	9.4	29	25	7	0
	62660	KAREIMA	310	6	30	00	0	0	—	10.2	29	19	3	0
	62680	'ATBARA	340	9	30	00	0	0	—	8.3	31	21	6	0
	62721	KHARTÛM	350	6	30	02	0	0	—	8.0	32	21	7	0
	62730	KASSALA												
CENTRAL SUDAN	62751	WÂD MEDANI												
	62801	RENK												
	62802	ROSEIRES												
	62771	EL OBEID	20	8	30	01	1	3	Ac	7.7	32	21	7	0
	62760	EL FÂSHER	80	2	30	00	0	1	Ac		30	27	9	0
	62770	GENEINA	20	10	30	02	1	7	Ac		31	16	2	0
S. SUDAN	62840	MALAKÂL	130	6	30	01	1	1	Ac	7.7	29	66	22	0
	62880	WÂU	00	0	30	03	2	8	Ac, Ac	7.9	27	74	22	0
	62941	JUBA	00	0	30	03	1	3	Ac, Ci	8.6	27	62	19	0

At 0600 on Saturday 29th October,

AREA	INDEX NUMBER	STATION	WIND 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	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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
MEDITERRANEAN	62300	SALÛM	270	2	15	01	0	0	—	16.8		18	25		14		73	13	0	0		SALÛM
	62305	SÎDI BARÂNI	180	14	15	01	0	0	—	17.8		20	26		13		64	13	0	1		SÎDI BARÂNI
	62308	MATRÛH	160	6	15	02	1	2	Ac	19.0		19	26		15		64	12	0	0.2		MATRÛH
	62309	EL DABÂ	360	2	15	02	1	4	Cu	19.4		17	27		12		77	13	0	0		EL DABÂ
		ALEXANDRIA	130	4	15	04	0	0	—	19.9	+2.5	21	25	-2	17	-2	74	16	0	dr.	5	ALEXANDRIA
	62318	FOUAD (Airport)	130	1	12	02	0	1	Ac	19.4		21	25		13		74	16	0	0	5	FOUAD (Airport)
	62330	DAMIETTA	320	2	3	11	0	1	Cu	19.6	+3.4	21	25		16		83	18	0	dr.	5	DAMIETTA
	62333	PORT SAÏD	180	1	18	02	0	1	Sc	18.9		24	27		18		61	16	0	0		PORT SAÏD
	62386	EL 'ARISH	180	2	35	03	0	1	Cu	18.7	+2.8	24	27	0	15	-1	84	21	0	0	3	EL 'ARISH
LOWER EGYPT	62339	DAMANHÛR	90	5	3	02	1	1	Ac	19.6	+2.5	19	28	-1	15	-1	88	17	0	0	3	DAMANHÛR
	62342	MANSÛRA	360	5	35	00	0	0	—	19.8	+3.4	20	28	-1	15	-1	73	15	0	0	2	MANSÛRA
	62348	TANTA	90	2	35	02	0	0	—	19.9	+2.8	18	27	-2	10	-5	83	15	0	0	2	TANTA
	62354	ZAGAZIG	320	2	15	00	0	0	—	19.2	+2.3	19	28	-1	15	0	83	16	0	0	1	ZAGAZIG
	62441	ISMAÏLIA	160	2	35	01	0	0	—	18.8		21	27		16		74	16	0	dr.		ISMAÏLIA
CAIRO AREA	62366	FAROUK (Airport)	70	5	12	00	0	0	—	18.7		18			14		78	14	0	0		FAROUK (Airport)
	62372	ALMÂZA	360	3	12	00	0	0	—	18.4		18	27		16		88	16	0	0		ALMÂZA
		EZBEKÎYA	00	0	7	00	0	0	—	19.1	+2.3	18	27	-2	16	0	83	15	0	0	1	EZBEKÎYA
		GÎZA	00	0	7	00	0	0	—	19.5	+2.5	17	27	-1	16	+2	82	14	0	0	2	GÎZA
	62378	HELWÂN	00	0	7	00	0	0	—	18.7	+1.7	18	26	-4	17	0	83	15	0	0	1	HELWÂN
UPPER EGYPT	62361	FAIYÛM	360	5	35	02	0	0	—	18.7	+2.2	20	27	-3	15	-1	73	15	0	0	0	FAIYÛM
	62387	MINYA	10	8	10	00	0	0	—	18.1		18	27		14		78	14	0	0		MINYA
	62393	ASYÛT MANQABÂD	310	3	30	00	0	0	—	17.7		20	27		19		69	14	0	0		ASYÛT MANQABÂD
	62399	NAG' HAMMÂDI	320	1		00	0	0	—	15.9	+0.9	22	30		16		65	15	0	0		NAG' HAMMÂDI
	62402	QENA	240	5	35	00	0	0	—	16.2	+1.8	20	31	-2	17	+1	73	15	0	dr.		QENA
	62405	LUXOR	180	5	30	00	0	0	—	15.1		23	32		16		50	12	0	0		LUXOR
	62414	ASWÂN	360	7	50	00	0	0	—	14.6	+0.6	23	34	-1	20	0	57	14	0	0		ASWÂN
OASES	62417	SÎWA	00	0	35	00	0	0	—	19.5	+1.3	18	29	-1	11	-2	60	10	0	0	0	SÎWA
	62420	BAHARÎYA	00	0	35	02	0	0	—	18.7	+1.4	21	28	-1	12	-2	74	16	0	0	0	BAHARÎYA
	62428	FARAFRA																				FARAFRA
	62432	DAKHLA	340	10	35	00	0	0	—	16.7	+0.5	20	29	-3	16	0	64	13	0	0		DAKHLA
	62435	KHARGA	20	1	35	00	0	0	—	16.4	+1.0	20	29	-3	18	+1	64	13	0	0		KHARGA
RED SEA	62450	SUEZ	00	0	35	00	0	0	—	17.8	+1.9	21	27	-3	16	-2	83	18	0	0	1	SUEZ
	62459	TÛR	40	3	35	00	1	0	—	15.5	+0.9	22	27	-1	16	-1	72	16	0	0	0	TÛR
	62462	HURGHÂDA	290	4		00	0	0	—	14.8		23	25		18		53	13	0	0		HURGHADA
	62465	QUSEIR	360	19	15	02	0	0	—	14.8	+0.6	25			22	0	61	17	0	0	0	QUSEIR
	62641	PORT SUDÂN											31						0	0	12	PORT SUDÂN
NORTH SUDAN	62600	WÂDI HALFA	360	4	30	00	0	0	—	14.2		21	33		17		50	10	0	0		WÂDI HALFA
	62640	ABU HAMAD	50	3	30	00	0	0	—	10.9		25	37		22		34	8	0	0		ABU HAMAD
	62660	KAREIMA	20	2	30	00	0	0	—	11.6		25	37		22		28	5	0	dr.	1	KAREIMA
	62680	'ATBARA											37							0	1	'ATBARA
	62721	KHARTÛM	320	9	30	02	0	0	—	10.2		28	39		23		22	4	0	11	3	KHARTÛM
	62730	KASSALA	00	0	30	00	0	0	—	9.3		28	40		22		38	19	1	4	8	KASSALA
CENTRAL SUDAN	62751	WÂD MEDANI																	0	7	10	WÂD MEDANI
	62801	RENK																			41	RENK
	62802	ROSEIRES																				ROSEIRES
	62771	EL OBEID	330	2	35	02	0	0	—	9.6		23	38		19		78	19	0	47	27	EL OBEID
	62760	EL FÂSHER	20	15	30	00	0	0	—	10.6		27	36		21		23	4	0	24	14	EL FÂSHER
	62770	GENEINA	10	2	30	00	0	0	—			23	36		19		34	6	0	1	6	GENEINA
			50	13	30	00	1	3	Ac			23	36		21		16	-4	0	dr.	4	
S. SUDAN	62840	MALAKÂL	310	4	30	03	0	3	Ac, Ci	10.2		25	36		23		94	24	0	38	73	MALAKÂL
	62880	WÂU	00	0	30	01	2	8	Cs	9.8		26	36		22		74	21	0	152	119	WÂU
	62941	JUBA											36						7	36	89	JUBA

HUMIDITY % Mean of day

STATION	on 28th	Diff. from normal
Alexandria	73	+5
Ezbekiya	72	+5
Gîza	77	+8
Helwân	62	+8

GÎZA GRASS MINIMUM TEMP. ON 29th 9.2 °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 28th At 15h. AIRPORT	PRESSURE mbs	HEIGHT ABOVE M.S.L. metres	TEMP. °C	HUMID. %	WIND DIR.	WIND VEL.
	1000	149	25	45	30	12
	950					
	900					
	850	1547	15	55	20	17
	800					
	700	3160	5	28	270	11
	600					
	500	5817	-13		230	32
	400		-25			
	300	9496			340	66

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 28th

HEIGHT m.	Asyut (Rail). TIME 15 DIR.	VEL.	DIR.	VEL.	Hurghada TIME 15 DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	Fasher TIME 15 DIR.	VEL.	DIR.	VEL.	Khartoum TIME 16 DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	330	16			340	35																
600	350	17			340	17									10	15						
1000	350	16			330	10					60	11			10	29						
1500	20	13			320	8					70	15			10	18						
2000	320	10			360	5																
3000	270	4									80	2			350	14						
4000	230	15																				
5000	230	26									250	9										
6000																						
7000																						
8000																						

UPPER WIND OBSERVATIONS on 29th

HEIGHT m.	SÎDI BARÂNI TIME 9 DIR.	VEL.	MATRÛH DIR.	VEL.	FOUAD AIRPORT DIR.	VEL.	PORT SAÏD DIR.	VEL.	EL 'ARÎSH DIR.	VEL.	HELWÂN 8 45 DIR.	VEL.	MINYA DIR.	VEL.	ASYÛT MANQABÂD TIME 9 DIR.	VEL.	LUXOR 8 30 DIR.	VEL.	ASWÂN 5 DIR.	VEL.	HURGHADA TIME 9 DIR.	VEL.	DIR.	VEL.
300	50	8									60	10			320	7	20	4	10	13	340	25		
600	20	5									50	8			40	19	40	4	40	19	320	20		
1000	30	2									50	18			30	22	350	8	80	10	310	16		
1500	180	11									30	17			360	21	310	8	130	4	280	17		
2000	180	10									20	13			350	12	250	5	90	6				
3000	280	5									320	19			310	7	190	14	170	3				
4000	300	7									290	16							220	11				
5000	320	8									220													
6000	290	13																						
7000																								
8000																								

HEIGHT m.	SÎWA TIME 9 DIR.	VEL.	BAHARÎYA TIME 9 DIR.	VEL.	DAKHLA DIR.	VEL.	KHARGA TIME 7 DIR.	VEL.	WÂDI HALFA TIME 4 DIR.	VEL.	ABÛ HAMAD TIME 4 DIR.	VEL.	KAREIMA DIR.	VEL.	KHARTÛM TIME 4 DIR.	VEL.	KASSALA TIME 3 30 DIR.	VEL.	EL OBEID DIR.	VEL.	EL FÂSHER TIME 4 30 DIR.	VEL.	MALAKÂL TIME 3 30 DIR.	VEL.
300	220	14	110	12	20	9	10	14	10	14	360	4												
600	220	17	100	12	20	12	10	17	40	10	70	14	30	19	350	18	180	2					220	7
1000	240	13	110	15	30	13			30	21	80	15	40	27	20	25	90	9			360	5	210	3
1500	230	14	80	16					50	8	70	11	30	20	20	17	40	11			30	14	30	11
2000	230	21	30	5					10	4	110	12	30	18	10	9								
3000	270	23							40	10	330	6	310	14	50	1							40	16
4000	280	25									80	4	✓											
5000											250	12											130	8
6000											240	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.

Note: All times G. M. T.

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

CAIRO
Time of Sunrise 04 08 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: Monday 31st October, 1949

At 1200 on Sun. 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	62360	SALUM	360	6	35	03	2	8	Cu,Ci	18.6	23	74	18	0
	62309	SIDI BARANI	40	11	35	03	2	8	Cu,Ac	19.0	23	84	20	0
	62306	MATRUH	90	11	18	03	2	7	Cu	18.5	25	47	13	0
	62309	EL DABA	90	13	35	01	1	2	Cu	18.8?	24	54	14	0
		ALEXANDRIA	20	5	50	01	1	4	Cu,Ci	19.0	23	65	16	0
	62318	EQUAD (Airport)	20	10	18	02	0	1	Cu	18.7	26	55	16	0
	62330	DAMIETTA	360	2	15	02	0	0	—	17.8	24	54	14	0
	62333	PORT SAID												
	62336	EL 'ARISH	320	2	35	01	0	0	—	18.0	24	47	12	0
LOWER EGYPT	62339	DAMANHUR	40	5	15	02	1	2	Cu	19.5	26	48	14	0
	62342	MANSURA	20	5	35	03	1	3	Cu	18.3	28	45	15	0
	62348	TANTA	310	5	35	01	1	4	Cu	19.0	27	42	13	0
	62354	ZAGAZIG	320	5	35	02	1	2	Ac	17.6	26	45	13	0
	62441	ISMAILIA	40	2	35	01	1	1	Cu	17.2	26	43	12	0
CAIRO AREA	62360	FAROUK (Airport)	20	7	30	03	0	2	Cu	17.4	26	37	10	
	62372	ALMAZA	10	16	30	03	0	1	Cu	17.1	26	42	12	0
		EZBEKIYA	20	5	35	00	0	0	—	17.2	27	40	12	0
		GIZA	20	5	35	00	0	0	—	17.5	26	42	12	0
	62378	HELWAN	360	12	35	02	1	2	Cu,Ci	16.8	27	27	6	0
UPPER EGYPT	62381	FAIYUM	360	2	35	02	0	0	—	16.7	28	27	7	0
	62387	MINYA	10	13	12	02	1	1	Ac	16.4	29	35	12	0
	62393	ASYUT (Barrage)	340	6	30	00	0	0	—	14.4	30	3?	14	
	62399	NAG' HAMMADI	290	2	15	00	0	0	—	13.1	31	31	12	0
	62402	QENA	270	5	35	00	0	0	—	13.3	31	38	15	0
	62405	LUXOR	40	5	30	00	0	0	—	12.6	31	24	8	0
	62414	ASWAN	340	6	50	00	0	0	—	11.6	32	29	12	0
OASIS	62417	SIWA	00	0	35	00	0	0	—	19.0	27	37	11	0
	62420	BAHARIYA	360	4	35	02	1	3	Ac	17.1	29	40	14	0
	62423	FARAFRA												
	62432	DAKHLA	40	6	50	00	0	0	—	14.6	29	23	6	0
	62435	KHARGA	360	4	35	00	0	0	—	14.8	30	16	1	0
RED SEA	62450	SUEZ	00	0	35	02	0	0	—	15.6	26	42	12	0
	62456	TOR	310	5	35	00	0	0	—	13.5	25	70	19	0
	62462	HURGHADA	340	13		00	0	0	—	13.7	25	58	16	0
	62465	QUSEIR	360	16	15	02	0	0	—	14.0	27	52	16	0
	62641	PORT SUDAN	20	9	30	01	1	1	Cu	11.1	31	62	23	
NORTH SUDAN	62600	WADI HALFA	30	9	50	00	0	0	—	10.5	33	24	10	
	62640	ABU HAMAD	50	2	30	03	0	1	Cu	6.5	37	20	11	
	62660	KAREIMA	00	0	30	00	0	0	—	7.0	37	20	11	
	62680	ATBARA	360	5	30	03	0	1	Cu	5.6	37	22	12	
	62721	KHARTUM	300	3	30	02	0	0	—	5.1	38	11	3	
	62730	KASSALA	90	2	30	00	0	0	—	4.0	39	21	13	
CENTRAL SUDAN	62751	WAD MEDANI	310	2	35	01	0	2	Cu	3.8	39	16	9	
	62801	RENK												
	62802	ROSEIRES	280	2	35	02	0	0	—	3.6	37	24	13	
	62771	EL OBEID	340	7	30	00	0	0	—	5.6	36	9	-2	
	62760	EL FASHER	30	5	30	03	1	3	Ci		35	23	11	
	62770	GENEINA	90	4	30	01	1	6	Ci		33	14	2	
S. SUDAN	62840	MALAKAL	200	6	30	01	1	3	Cu,Ci	6.6	33	50	21	
	62880	WAU												
	62941	JUBA	230	2	30	15	1	6	Cu,Sc,Ac	5.7	34	39	18	

At 1800 on Sun. 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	62360	SALUM	40	7	15	01	2	4	Cu	16.8	22	74	17	0
	62309	SIDI BARANI	40	6	15	01	1	6	Cu	19.8	21	83	18	0
	62306	MATRUH	100	5				6	Cu,Ac	19.4	22	78	18	0
	62309	EL DABA	70	7	7	01	1	2	Cu	19.2	21	74	16	0
		ALEXANDRIA	40	6	15	01	1	4	Cs	20.2	21	65	14	0
	62318	EQUAD (Airport)	40	6	12	03	2	6	Cs	17.3	18	83	15	0
	62330	DAMIETTA	360	2				1	Sc	19.2	23	65	16	0
	62333	PORT SAID	20	12	18	03	8	1	Cu,Ac	19.0	22	65	15	0
	62336	EL 'ARISH	320	2	15	03	0	1	Cu	18.2	21	65	14	0
LOWER EGYPT	62339	DAMANHUR	40	9	7	02	1	1	Cc	19.5	19	83	16	0
	62342	MANSURA	20	5				2	Cu	19.9	19	83	16	0
	62348	TANTA	310	2	35	02	1	0	—	19.6	18	83	15	0
	62354	ZAGAZIG	40	2	35	00	1	0	—	19.1	19	83	16	0
	62441	ISMAILIA	140	2	35	01	0	0	—	19.0	19	52	9	0
CAIRO AREA	62360	FAROUK (Airport)	70	7	15	00	0	0	—	19.0	18		14	
	62372	ALMAZA	60	11	12	00	0	0	—	19.1	19	77	13	
		EZBEKIYA	20	2	15	00	0	0	—	19.4	17	77	13	0
		GIZA	20	2	15	00	0	0	—	19.4	17	80	13	0
	62378	HELWAN	20	13	7	00	0	0	—	18.8	20	64	13	0
UPPER EGYPT	62381	FAIYUM	360	2	35	02	0	0	—	17.4	22	53	12	0
	62387	MINYA	360	6	10	00	1	0	—	16.9	19	56	10	0
	62393	ASYUT (Barrage)												
	62399	NAG' HAMMADI	00	0	7	00	0	0	—	14.3	20?	64	13	0
	62402	QENA	240	5	7	00	0	0	—	13.4	25	21	1	0
	62405	LUXOR	200	4	12	00	0	0	—	13.6	23	34	6	0
	62414	ASWAN	00	0	50	00	0	0	—	12.6	30	25	8	0
OASIS	62417	SIWA	00	0	35	00	0	0	—	19.4	21	41	7	0
	62420	BAHARIYA	00	0	15	02	1	0	—	18.0	22	50	11	0
	62423	FARAFRA												
	62432	DAKHLA	40	2	35	00	0	0	—	16.3	25	28	5	0
	62435	KHARGA	00	0	15	00	0	0	—	15.5	26	35	9	0
RED SEA	62450	SUEZ	360	7	15	03	0	0	—	17.5	20	73	15	0
	62456	TOR	20	2	15	00	0	0	—	14.2	20	64	13	0
	62462	HURGHADA	310	16		00	0	0	—	13.9	24	57	15	0
	62465	QUSEIR	310	9	15	02	0	0	—	13.3	25	54	15	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 0600 on Monday 31st October,

AREA	INDEX NUMBER	STATION	WIND 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	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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.
MEDITERRANEAN	62360	SALUM	320	3	15	01	0	1	Ac	19.5		21	24		15		74	16	0	0	
	62309	SIDI BARANI	160	2	15	01	1	3	Cb	20.7		22	24		14		83	19	0	1	
	62306	MATRUH	00	0	15	02	2	7	Sc	19.9		20	26		14		78	16	0	0.2	
	62309	EL DABA	180	2	15	00	0	0	—	19.2		19	26		13		83	16	0	0	
		ALEXANDRIA	40	3	35	04	2	6	Cu	20.6?	+3.1	23	26	-1	18	-1	61	15	0	dr.	5
	62318	EQUAD (Airport)	00	0	14	02	1	3	Cu	19.9		20	27		13		83	17	0	0	6
	62330	DAMIETTA	20	2	15	02	0	1	Cu	19.4	+3.2	22	25		16		74	17	0	dr.	5
	62333	PORT SAID	60	3	30	02	0	1	Cu	19.2		22	26		21		57	13	0	0	
	62336	EL 'ARISH	00	0	35	01	0	0	—	18.7	+2.7	18	26	-1	13	-2	68	13	0	0	3
LOWER EGYPT	62339	DAMANHUR	40	5		02	0	0	—	19.6	+2.4	19	27	-2	14	-2	88	17	0	0	3
	62342	MANSURA	20	5	35	00	0	0	—	19.5	+3.0	20	29	0	16	0	73	15	0	0	2
	62348	TANTA	310	2	35	02	0	0	—	19.9	+2.7	19	28	-1	10	-4	83	16	0	0	2
	62354	ZAGAZIG	40	2	15	00	0	0	—	19.1	+2.1	19	28	-1	14	-1	83	16	0	0	1
	62441	ISMAILIA	140	2	35	01	0	0	—	19.0		19	27		13		83	16	0	dr.	
CAIRO AREA	62360	FAROUK (Airport)	70	7	15	00	0	0	—	19.0		18			14		63	12	0	0	
	62372	ALMAZA	60	11	12	00	0	0	—	19.1		19	27		13		78	15	0	0	
		EZBEKIYA	20	2	15	00	0	0	—	19.4	+2.5	17	28	-1	15	-1	77	13	0	0	1
		GIZA	20	2	15	00	0	0	—	19.4	+2.4	17	27	-1	12	-2	80	13	0	0	2
	62378	HELWAN	20	13	7	00	0	0	—	18.8	+1.7	20	27	-1	17	0	64	13	0	0	1
UPPER EGYPT	62381	FAIYUM	360	8	35	02	0	0	—	19.0	+2.4	20	29	-1	15	0	64	13	0	0	0
	62387	MINYA	10	8	12	00	0	0	—	17.9		16	29		11		83	13	0	0	
	62393	ASYUT (Barrage)	320	4	30	00	0	0	—	17.9		18			12		60	10	0	0	
	62399	NAG' HAMMADI	00	0		00	0	0	—	17.0	+1.8	21	32		14		65	14	0	0	
	62402	QENA	290	3	15	00	0	0	—	16.8	+2.2	18	33	0	16	0	73	13	0	dr.	
	62405	LUXOR	00	0	30	00	0	0	—	16.3		23	32		13		44	10	0	0	
	62414	ASWAN	360	6	50	00	0	0	—	15.5	+1.4	25	34	0	18	-1	42	11	0	0	
OASIS	62417	SIWA	00	0	35	00	0	0	—	20.2	+1.9	19			12	-1	52	9	0	0	0
	62420	BAHARIYA	00	0	35	02	0	0	—	19.1	+1.6	20	31	+2	12	-2	83	17	0	0	0
	62423	FARAFRA																			
	62432	DAKHLA	00	0	35	00	0	0	—	17.4	+0.8	19	30	-1	15	0	52	9	0	0	
	62435	KHARGA	360	1	35	00	0	0	—	17.1	+1.5	20	30	-2	16	0	56	11	0	0	
RED SEA	62450	SUEZ	00	0	35	00	0	0	—	18.0	+2.0	19	27	-2	15	-3	83	16	0	0	1
	62456	TOR	20	5	35	00	0	0	—	15.5	+0.6	23	27	-1	13	+1			0	0	0
	62462	HURGHADA	310	22		00	0	0	—	15.0		22	26		17		65	15	0	0	
	62465	QUSEIR	330	13	15	02	0	0	—	15.8	+1.5	24			20	-2	54	14	0	0	0
	62641	PORT SUDAN	300	8	30	03	1	6	Sc	14.2		29	31		26		70	23	0	0	12
NORTH SUDAN	62600	WADI HALFA	10	2	50	00	0	0	—	15.5		21	35		17		35	5	0	0	
	62640	ABU HAMAD																	0	0	
	62660	KAREIMA	50	6	30	00	0	0	—	11.0		27	37		23		30	8	0	dr.	1
	62680	ATBARA	50	13	7	07	0	0	—	9.8		29	38		23		43	15	0	0	1
	62721	KHARTUM	350	7	30	01	1	2	Ac	8.9		29	39		23		20	4	0	11	3
	62730	KASSALA	00	0	30	00	0	0	—	9.9		31	40		25		38	15	0	4	8
CENTRAL SUDAN	62751	WAD MEDANI	360	5	50	02	1	4	Ac	9.5		29	39		22		31	10	0	7	10
	62801	RENK	130	9	50	00	0	2	Ci	9.8		26	37		20		79	22	0		43
	62802	ROSEIRES																	0	47	29
	62771	EL OBEID	360	8	30	02	0	1	Ci	10.8		27	37		21		20	2	0	24	15
	62760	EL FASHER	00	0	30	00	1	2	Ci			21	35		19		41	7	0	1	6
	62770	GENEINA	20	10	30	01	0	4	Ci			23	35		17		24	1	0	dr	4
S. SUDAN	62840	MALAKAL	00	0	30	03	2	5	Ac,Ci	10.7		27	34		21		74	22	0	38	75
	62880	WAU	00	0	30	01	2	5	Ac	10.7		23	34		21		89	21	0	164	125
	62941	JUBA																	0	41	95

HUMIDITY %

Mean of day

STATION	30th	Diff. from normal
Alexandria	71	+3
Ezbekiya	64	-3
Giza	72	+3
Helwan	53	-1

GIZA
GRASS MINIMUM TEMP. ON 31st 8.0 °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 At 15h AIRPORT

PRESSURE mbs.	HEIGHT ABOVE M.S.L. Metres	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	149	25	42	30	14
950					
900					
850	1547	12	47	40	13
800					
700	3150	5		330	1
600		-2			
500	5818	-12		260	22
400		-25			
300	9497	-41		270	30

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	Harghada																							
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	10	13																						
600	320	21																						
1000	340	23																						
1500	260	8																						
2000	230	11																						
3000	200	10																						
4000	340	7																						
5000	360	9																						
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 31st

STATION	SIDI BARANI		MATRUH		EQUAD AIRPORT		PORT SAID		EL 'ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA	
TIME	9										9 15				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.
300	70	6									40	11			330	10			10	5	330	25
600	50	6									40	24			350	8			40	10	310	16
1000	170	3									70	7			310	4			70	14	330	3
1500	240	4									70	15			120	3			100	10	180	13
2000	320	4									110	9			220	3			240	3		
3000	300	4									350	5			150	2			220	22		
4000	320	12									200	11			190	3			210	8		
5000											230	11										
6000											220	26										
7000											200	22										
8000																						

STATION	SIWA		BAHARIYA		Kharga		Dakhla		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME	9		9		7		7						4		4									
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	130	14	40	25	360	10	350	16																
600	160	13	30	45	360	20	20	10					50	31										
1000	130	6	30		10	18	10	14					70	23	70	16								
1500	30	10			30	6	30	3					70	14										
2000	10	16			200	10							90	8										
3000	320	20			220	11																		
4000	310	24			270	6																		
5000	290	10																						
6000	250	4																						
7000	240	9																						
8000	250	-																						

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of 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.

CAIRO
Time of Sunrise 04 07 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: Sunday 30th October, 1949

At 1200 on Satur. 29th / At 1800 on Satur. 29th

Area	Index Number	Station	1200 Wind Direction	1200 Velocity in knots	1200 Visibility in km	1200 Present Weather	1200 Past Weather	1200 Cloud Amount 0-8	1200 Cloud Form	1200 Bar. Pressure M.S.L. mbs	1200 Temperature	1200 Humidity	1200 Dew Point °C	1800 Wind Direction	1800 Velocity in knots	1800 Visibility in km	1800 Present Weather	1800 Past Weather	1800 Cloud Amount 0-8	1800 Cloud Form	1800 Bar. Pressure M.S.L. mbs	1800 Temperature °C	1800 Humidity %	1800 Dew Point °C	Rain past 12 hrs mms
Mediterranean	62300	SALUM	360	9	35	02	0	0	—	17.6	24	54	14	20	7	15	03	0	6	ac	17.6	22	74	17	0
	62302	SIDI BARANI	50	14	35	02	0	0	—	17.5	23	53	13	70	10	15	02	0	2		17.9	21	88	19	0
	62306	MATRUH	130	11	18	01	0	0	—	16.7	26	42	12	140	8	12	00	0	0	—	17.4	20	73	15	0
	62309	EL DABA	70	13	35	00	0	0	—	17.0	24	47	12	90	9	7	00	0	0	—	17.1	20	83	17	0
		ALEXANDRIA	20	8	50	00	0	0	—	18.7	22?	74	17	40	5	15	00	0	0	—	19.0	21	74	16	0
	62318	FOUAD (Airport)	20	10	18	02	0	0	—	18.5	26	48	14	70	5	12	02	0	0	—	18.9	18	88	16	0
	62330	DAMIETTA	20	2	15	01	0	0	—	18.4	24	69	18	360	2		00	0	0	—	18.8	21	83	18	0
	62332	PORT SAID	20	5	30	01	0	1	Sc	18.2	24	69	18	20	7	18	02	0	0	—	18.8	22	74	17	0
	62336	EL ARISH	320	3	35	02	0	1	Cu	17.6	24	61	16	320	2	35	02	1	3	Cu	17.0	23	61	15	0
Lower Egypt	62339	DAMANHUR												40	9	15	02	0	0	—	19.5	19	83	16	0
	62342	MANSURA	360	5	35	01	1	3	Cu	18.4	28	45	15	20	5		00	1	0	—	19.6	20	88	17	0
	62348	TANTA	40	5	35	02	0	0	—	18.8	27	52	16	00	0	35	02	0	0	—	19.9	19	83	16	0
	62354	ZAGAZIG	40	5	35	00	0	0	—	17.4	27	55	17	40	2	35	00	0	0	—	18.7	20	83	17	0
	[illegible]	ISMAILIA	40	2	35	01	0	0	—	17.2	27	42	13	40	2	35	02	0	0	—	18.2	20	73	15	0
Cairo Area	62366	FAROUK (Airport)																							
	[illegible]	ALMAZA	20	10	30	00	0	0	—	16.8	27	72	12	20	9	12	00	0	0	—	18.4	22	65	15	0
		EZBEKIYA	20	5	35	00	0	0	—	17.2	28	42	14	20	5	15	00	0	0	—	18.6	22	65	15	0
		GIZA	20	5	35	00	0	0	—	17.4	28	41	13	20	5	15	00	0	0	—	18.6	22	69	16	0
	62378	HELWAN	20	15	35	02	0	0	—	16.4	28	27	7	20	18	15	02	0	0	—	17.9	22	57	13	0
Upper Egypt	[illegible]	FAIYUM	360	2	35	02	0	0	—	16.2	30	31	11	360	2	35	02	0	0	—	17.8	22	57	13	0
	[illegible]	MINYA	360	9	12	00	0	0	—	16.1	30	31	11	360	4	10	00	0	0	—	16.4	20	69	14	0
	62393	ASYUT	320	6	30	00	0	0	—	14.1	28	42	14												
	62399	NAG HAMMADI	20	1	7	00	0	0	—	12.4	30	40	15	00	0		00	0	0	—	13.5	23	44	10	0
	62403	QENA	270	5	50	00	0	0	—	12.4	30	46	17	270	2	7	00	0	0	—	12.6	24	61	16	0
	62405	LUXOR	00	0	30	00	0	0	—	12.5	31	31	12	00	0	12	00	0	0	—	12.7	23	44	10	0
	62414	ASWAN	360	6	50	00	-0	0	—	11.0	34	30	14	00	0	50	00	0	0	—	11.9	32	28	11	0
Oases	62417	SIWA	00	0	35	00	0	0	—	18.4	30			00	0	35	00	0	0	—	18.0	20	46?	8?	0
	62420	BAHARIYA	40	3	35	02	0	0	—	17.0	30	35	13	60	0	15	02	0	0	—	17.6	22	57	13	0
	62423	FARAFRA																							
	62432	DAKHLA	320	6	50	00	0	0	—	14.2	31	28	10	320	2	35	00	0	0	—	15.0	25	42	11	0
	62435	KHARGA	40	3	35	00	0	0	—	12.3	32	20	6	360	1	15	00	0	0	—	14.8	25	34	8	0
Red Sea	62450	SUEZ	360	11	35	02	0	0	—	16.0	27	42	13	00	0	15	02	0	0	—	17.2	21	74	16	0
	62456	TOR	310	13	35	00	0	0	—	13.9	26	70	20	310	2	15	00	0	0	—	14.6	23	50	12	0
	62462	HURGHADA	350	13		02	1	1	ac	13.7	26	62	18	270	10	30	00	0	0	—	14.1	24	74	19	0
	62465	QUSEIR	20	13	15	02	0	0	—	14.0	26	70	20	310	9	15	02	0	0	—	14.0	25	61	19	0
	62641	PORT SUDAN	10	8	30	01	1	2	Cu, Ac	10.3		59	22												
North Sudan	62600	WADI HALFA	360	10	50	00	0	0	—	10.1	33	26	11												
	62640	ABU HAMAD	90	1	30	00	0	0	—	6.5	37	17	8												
	62660	KAREIMA	110	1	30	00	0	0	—	6.8	37	14	6												
	62680	ATBARA	340	5	30	03	0	1	Cu	5.2	37	19	10												
	62721	KHARTUM	330	9	30	07	0	0	—	5.4	37	25	14												
	62730	KASSALA	00	0	30	00	0	0	—	3.5	38	21	12												
Central Sudan	62751	WAD MEDANI	360	5	35	02	0	0	—	3.9	38	13	5												
	62801	RENK																							
	[illegible]	ROSEIRES	20	2	35	02	0	0	—	4.8	38	17	9												
	62771	EL OBEID	20	8	30	00	0	0	—	5.7	36	12	2												
	62760	EL FASHER	30	3	30	00	0	0	—		33	23	9												
	62770	GENEINA	20	13	30	00	1	1	ac		34	9	-4												
S. Sudan	62840	MALAKAL	180	12	30	01	1	3	Cb, Ac	7.9	30	55	20												
	62880	WAU	140	2	30	03	2	8	Cb, Ac	9.5	34	39	18												
	62941	JUBA																							

At 0600 on Sunday 30th October,

Wind Direction	Velocity in knots	Visibility in km	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Dry bulb	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs	Total from Oct. 1st	Normal from Oct. 1st	Station
160	7	15	02	0	5	Cu	18.8		21	26		15		83	18	0	0		SALUM
110	4	35	03	0	3	Cb, Ac	19.8		19	26		16		88	17	0	1		SIDI BARANI
170	4	12	00	0	0	—	20.0		20	26		15		73	15	0	0.2		MATRUH
140	4	15	00	0	0	—	18.8		19	25		13		83	16	0	0		EL DABA
130	3	15	04	1	2	Cu	19.9	+2.4	21	27	0	17	-2	65	14	0	dr.	5	ALEXANDRIA
110	4	18	02	0	0	—	20.0		21	27		13		74	16	0	0	5	FOUAD (Airport)
70	2		11	0	0	—	19.5	+3.3	22	25		16		74	17	0	dr.	5	DAMIETTA
50	4	18	02	0	1	Cu	19.7		23	26		20		61	15	0	0		PORT SAID
00	0	35	03	1	4	Cu	19.8	+3.8		27	0	12	-4	74	18	0	0	3	EL ARISH
130	5		02	0	0	—	20.0	+2.9	20	29	0	16	0	83	17	0	0	3	DAMANHUR
40	2	35	00	0	0	—	20.2	+3.7	21	28	-1	14	-2	74	16	0	0	2	MANSURA
00	0	35	02	0	0	—	20.3	+3.1	17	28	-1	10	-5	88	15	0	0	2	TANTA
320	2	15	00	0	0	—	19.1	+2.1	17	28	-1	12	-3	88	15	0	0	1	ZAGAZIG
160	2	35	01	0	0	—	19.6		20	27		15		83	17	0	dr.		ISMAILIA
																0	0		FAROUK (Airport)
20	4	12	00	0	0	—	19.7	+2.9	19	28		16		83	16	0	0		ALMAZA
20	3	7	00	0	0	—	20.2	+3.4	18	29	0	15	-1	78	14	0	0	1	EZBEKIYA
20	3	7	00	0	0	—	20.0	+3.0	19	28	0	15	+1	81	16	0	0	2	GIZA
40	11	7	00	0	0	—	19.4	+2.4	21	28	0	17	0	65	14	0	0	1	HELWAN
360	5	35	02	0	0	—	19.6	+3.0	21	30	0	14	-2	57	12	0	0	0	FAIYUM
00	0	10	00	0	0	—	18.8		19	30		12		64	12	0	0		MINYA
00	0	18	00	0	0	—	18.0		21			15		57	12	0	0		ASYUT
360	1	7	00	0	0	—	16.8	+1.7	23	32		16		50	12	0	0		NAG HAMMADI
240	5	35	00	0	0	—	17.1	+2.6	19	33	0	16	0			0	dr.		QENA
										32						0	0		LUXOR
360	8	50	00	0	0	—	15.8	+1.8	23	35	0	20	+1	50	12	0	0		ASWAN
00	0	35	00	0	0	—	19.9	+1.7	18	31	+1	10	-3	60	10	0	0	0	SIWA
00	0	35	00	0	0	—	19.0	+1.6	22	31	+2	13	0	65	15	0	0	0	BAHARIYA
																			FARAFRA
00	0	35	00	0	0	—	17.0	+0.5	20	32	0	15	0	46	8	0	0		DAKHLA
360	1	35	00	0	0	—	17.5	+2.0	23	32	0	18	+2	38	8	0	0		KHARGA
00	0	35	00	0	0	—	18.4	+2.4	21	28	-1	16	-2	74	16	0	0	1	SUEZ
40	2	35	00	0	0	—	15.5	+0.7	21	28	0	15	-2	41	7	0	0	0	TOR
310	15		00	0	0	—	15.4		23	26		18		50	12	0	0		HURGHADA
360	19	15	02	0	0	—	15.6	+1.3	26			23	+1	42	12	0	0	0	QUSEIR
300	9	30	01	1	5	Sc	13.9		29	32		26		70	23	0	0	12	PORT SUDAN
20	7	30	00	0	0	—	14.8		22	35		19		38	7	0	0		WADI HALFA
70	5	30	00	0	0	—	11.2		28	38		23		29	8	0	0		ABU HAMAD
20	4	30	00	0	0	—	11.5		27	38		21		23	4	0	dr.	1	KAREIMA
20	5	30	00	0	0	—	12.1		28	37		22		45	15	0	0	1	ATBARA
350	5	30	02	0	0	—	10.5		28	38		24		23	5	0	11	3	KHARTUM
00	0	30	00	0	0	—	9.9		29	41		22		52	18	0	4	8	KASSALA
310	5	50	02	0	0	—	10.4		26	39		18		37	10	0	7	10	WAD MEDANI
130	2	50	02	0	0	—	11.0		29	37		20		49	17	0		42	RENK
200	2	35	02	0	0	—	10.0		24	39		19		74	19	0	47	28	ROSEIRES
360	17	30	00	0	0	—	11.1		26	37		21		16	-2	0	24	15	EL OBEID
00	0	30	00	0	1	Ci			21	35		16		35	5	0	1	6	EL FASHER
50	10	30	01	1	4	Ci			21	35		17		17	-5	0	dr.	4	GENEINA
310	4	30	02	1	5		11.8		25	35		22		84	22	0	38	74	MALAKAL
00	0	30	01	2	6	Ac	11.4		22	35		20		94	21	12	164	122	WAU
180	5	30	01	6	6	Ac, Ci	12.8		25	34		21		79	21	5	41	92	JUBA

HUMIDITY % Mean of day

Station	on 29th	Diff. from normal
Alexandria	73	+5
Ezbekiya	68	-1
Giza	70	+1
Helwan	63	+9

GIZA
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 — On 29th At 15h, AIRPORT

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	149	26	45	50	11
950					
900					
850	1547	13	72	60	15
800					
700	3148	2	25	310	15
600					
500	5561	-16		—	24
400		-27			
300	9413	-41		250	40

(Two further Rawinsonde columns, On ___ At ___ AIRPORT, pressures 1000–300 mbs: blank.)

UPPER WIND OBSERVATIONS on 29th

Height m.	Hurghada (time 15) Dir.	Vel.
300	340	29
600	350	33
1000	340	25
1500	320	14
2000		
3000		
4000		
5000		
6000		
7000		
8000		

UPPER WIND OBSERVATIONS on 30th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada			
Time	9										8 30				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	40	4									60	7			360	9			10	8	340	20		
600	50	2									60	6			20	19			30	18	330	19		
1000	100	3									30	17			20	19			40	15	310	16		
1500	70	3									40	12			10	23			50	10	360	9		
2000	230	1									340	8			20	13			50	5	80	5		
3000	230	1									270	5			330	6			210	4	250	10		
4000											300	11			320	3			250	13	220	13		
5000											280	19							260	12	260	11		
6000																					250	6		
7000																					250	11		
8000																					300	14		

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	9		9		9		7		4		4		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	280	6	90	7	50	3	30	21	10	14														
600	310	7	70	7	40	9	30	29	40	17	60	21	40	25										
1000	270	7	100	5	30	16	20	35	40	21	80	17	40	33					360	25	360	13		
1500	270	5	80	9							70	14	40	8					20	9	30	7		
2000	330	5	70	9									30	6					30	7	130	2		
3000	330	20	20	10					200	7	240	7	270	1					60	6	330	8		
4000	330	13											290	3					100	5				
5000	320	12																	180	5				
6000	260	6																						
7000	240	15																						
8000	230	24																						

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of 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.

CAIRO

Time of Sunrise 04 09 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 : Tuesday 1st November, 1949

LIBRARY MAR 10 1950 WEATHER BUREAU

At 1200 on Mon. 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	SALUM	20	9	35	01	0	1	Cu	18.2	23	65	16	0
62303	SÎDI BARÂNI	20	8	50	02	0	3	Cu	19.4	23	74	18	0
62306	MATRÛH	90	4	18	02	2	4	Cu	17.1	24	67	16	0
62309	EL DABA	70	6	35	01	1	2	Cu	18.5	23	61	15	0
	ALEXANDRIA	10	5	50	02	2	3	Cu	19.1	23	61	15	0
62318	FOUAD (Airport)	20	10	18	02	1	3	Cu	18.1	24	54	14	0
62330	DAMIETTA	360	2	15	03	0	2	Cu	18.2	23	65	16	0
62333	PORT SAÎD												
62336	EL 'ARISH	320	2	35	03	0	1	Cu	17.4	24	61	16	0
62339	DAMANHÛR	90	9	15	02	1	4	Cu	19.2	25	54	15	0
62342	MANSÛRA	40	5	15	03	1	4	Cu	18.3	25	54	15	0
62348	TANTA	40	5	35	01	1	4	Cu	18.8	26	42	12	0
62354	ZAGAZIG	40	5	35	00	0	0	—	17.2	25	47	13	0
62441	ISMAÎLIA	40	2	35	01	1	1	Cu	16.6	26	42	12	0
62366	FAROUK (Airport)												
62372	ALMÀZA	40	14	30	02	0	1	Cu	16.5	26	45	13	0
	EZBEKÎYA	20	4	35	00	0	1	Cu	17.1	26	42	12	
	GÎZA	20	4	35	00	0	1	Cu	17.2	26	41	12	0
62378	HELWÂN	20	12	35	02	0	0	—	16.6	26	30	7	0
62381	FAIYÛM	360	5	35	02	0	0	—	15.8	27	33	9	0
62387	MINYA	360	10	12	00	0	0	—	15.4	27	35	10	0
62393	ASYÛT MANQABÂD	320	5	30	00	0	0	—	14.2	26	40	11	
62399	NAG' HAMMÂDI	290	1	7	00	0	0	—	13.4	28	40	13	0
62402	QENA	240	3	50	00	0	0	—	13.0	29	35	12	0
62405	LUXOR												
62414	ASWÂN	340	8	50	00	0	0	—	11.2	33	26	11	0
62417	SÎWA	140	6	35	00	0	0	—	19.2	27	42	13	0
62420	BAHARÎYA	90	6	35	02	0	0	—	17.1	27	52	16	0
62423	FARAFRA												
62432	DAKHLA	360	13	50	00	0	0	—	14.2	27	33	9	0
62435	KHARGA	00	0	35	00	0	0	—	13.8	29	19	3	0
62450	SUEZ	360	8	35	02	0	0	—	15.2	26	48	14	0
62459	TÛR	310	4	35	00	0	0	—	13.4	26	55	16	0
62462	HURGHÂDA	340	14		00	0	0	—	13.8	25	70	19	0
62465	QUSEIR	360	13	15	02	0	0	—	14.0	26	70	20	0
62641	PORT SÛDÂN	20	11	30	01	1	3	Cu	11.4	32	66	25	
62600	WÂDI HALFA	360	7	50	00	0	0	—	10.7	33	23	9	
62640	ABU ḤAMAD	180	2	30	03	0	1	Cu	6.1	38	18	10	
62650	KAREIMA	50	2	30	00	0	1	Cu	6.5	37	24	13	
62680	'ATBARA	50	5	30	00	0	0	—	4.9	37	19	10	
62721	KHARTÛM	300	4	30	03	0	4	Cu	4.4	39	18	11	
62780	KASSALA	00	0	30	00	0	0	—	3.9	39	20	12	
62751	WÂD MEDANI	50	5	35	01	1	2	Cu	2.8	39	20	12	
62801	RENK	130	5	50	00	0	0	—	3.7	37	27	15	
62802	ROSEIRES												
62771	EL OBEID	340	7	30	02	1	4	Ci	4.7	37	12	3	
62760	EL FÂSHER	50	3	30	00	0	0	—		34	25	11	
62770	GENEINA	70	6	30	00	0	0	—		34	12	1	
62840	MALAKÂL												
62880	WÂU	360	9	30	02	2	6	Cu,Cu	5.8	35	35	17	
62941	JUBA												

At 1800 on Mon. 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.
62300	SALUM	70	13	15	03	0	3	Ac	18.7	22	78	18
62303	SÎDI BARÂNI	70	4	15	01	0	1	Ac	19.8	20	83	17
62306	MATRÛH	110	3	12	01	1	2	Cu	19.4	18	78	14
62309	EL DABA	20	5	7	00	0	0	—	17.2	20	64	13
	ALEXANDRIA	40	6	25	02	1	4	Cu	19.4	20	64	13
62318	FOUAD (Airport)	20	3	12	02	1	2	Sc	18.8	17	83	14
62330	DAMIETTA	360	2		01	0	1	Cu	18.6	21	65	14
62333	PORT SAÎD											
62336	EL 'ARISH	40	5	15	01	0	0	—	16.8	22	65	15
62339	DAMANHÛR	40	9	7	02	1	1	Cu	19.6	19	83	16
62342	MANSÛRA	360	5		02	1	2	Cu	19.1	19	78	14
62348	TANTA	360	2	35	02	1	0	—	18.1	18	83	15
62354	ZAGAZIG	40	2	35	02	1	2	Cu	18.3	19	83	16
62441	ISMAÎLIA	20	2	35	02	0	0	—	17.9	20	64	13
62366	FAROUK (Airport)											
62372	ALMÀZA	40	13	12	00	0	0	—	17.1	20	73	15
	EZBEKÎYA											
	GÎZA	20	5	15	00	0	0	—	17.9	20	71	15
62378	HELWÂN	20	20	15	02	0	0	—	17.5	20	56	11
62381	FAIYÛM	360	5	35	02	0	0	—	16.8	22	50	11
62387	MINYA	360	7	10	00	0	0	—	16.1	18	60	10
62393	ASYÛT MANQABÂD											
62399	NAG' HAMMÂDI	00	0	7	00	0	0	—	14.2	20	64	13
62402	QENA	240	3	7	00	0	0	—	13.3	23	50	12
62405	LUXOR	270	3	12	00	0	0	—	13.2	22	61	14
62414	ASWÂN	00	0	50	00	0	0	—	12.6	31	24	8
62417	SÎWA	00	0	35	00	0	0	—	18.2	20	46	8
62420	BAHARÎYA	360	5	15	02	0	0	—	17.8	22	65	15
62423	FARAFRA											
62432	DAKHLA	340	3	35	00	0	0	—	16.6	22	44	9
62435	KHARGA	00	0	15	00	0	0	—	14.2	25	47	2
62450	SUEZ	00	0	15	02	0	0	—	16.2	21	65	14
62459	TÛR	310	5	15	00	0	0	—	13.4	23	84	20
62462	HURGHÂDA	310	13	30	00	0	0	—	13.4	24	69	18
62465	QUSEIR	330	9	15	02	0	0	—	13.3	24	74	19
62641	PORT SÛDÂN											
62600	WÂDI HALFA											
62640	ABU ḤAMAD											
62650	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 1st November

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL mms. Total From Oct. 1st.	RAINFALL mms. Normal From Oct. 1st.
62300	SALUM	180	4	15	01	0	0	—	18.7		20	24		15		73	15	0	0	
62303	SÎDI BARÂNI	160	5	35	01	0	0	—	19.5		20	24		13		83	17	0	1	
62306	MATRÛH	00	0	15	02	1	3	Sc	18.8			24		14			14	0	tr	
62309	EL DABA	40	2	15	01	1	2	Cu	19.1		22	26		14		65	15	0	0	
	ALEXANDRIA	20	3	50	02	1	4	Cu	18.6	+1.0	21	24	-3	19	0	57	12	0	dr.	6
62318	FOUAD (Airport)	350	4	12	02	1	3	Sc	18.1		21	26		15		65	14	0	0	6
62330	DAMIETTA	340	2	7	03	1	3	Cu	18.3	+2.0	22	24		16		74	17	0	dr.	6
62333	PORT SAÎD	360	7	18	02	0	1	Sc	17.6		22	26		20		65	15	0	0	
62336	EL 'ARISH	220	2	35	03	1	2	Cu	17.0	+0.9	23	25	-2	14	-1	61	15	0	0	4
62339	DAMANHÛR	40	5		02	0	0	—	16.8	+1.6	20	26	-2	16	0	73	15	0	0	4
62342	MANSÛRA	360	5	35	03	0	4	Ac	18.2	+1.7	19	27	-1	15	-1	73	14	0	0	3
62348	TANTA	360	2	35	02	0	0	—	17.2	+1.9	18	27	-2	10	-4	83	15	0	0	3
62354	ZAGAZIG	320	2	15	02	1	2	Cu	17.8	+0.8	19	27	-2	14	0	83	16	0	0	2
62441	ISMAÎLIA	360	2	35	01	1	4	Sc,Cu	17.4		20	27		16		73	15	0	dr.	
62366	FAROUK (Airport)	40	3	12	02	2	5	Sc	18.1		19			15		73	14	0	0	
62372	ALMÀZA	40	4	12	01	2	4	Sc	17.9	+1.6	18	29		15		83	15	0	0	
	EZBEKÎYA	20	2	7	00	0	3	Sc	18.4	+1.5	18			16	0	78	14	0	0	2
	GÎZA	20	2	7	00	0	3	Sc	18.4	+1.3	18	27	-1	14	0	79	14	0	0	3
62378	HELWÂN	360	11	15	00	1	1	Cu	17.8	40.6	19	27	-1	16	-1	73	14	0	0	1
62381	FAIYÛM	360	8	35	02	0	0	—	18.0	+1.3	19	28	-2	15	0	73	14	0	0	0
62387	MINYA	10	12	10	00	0	0	—	16.9		18	28		14		83	15	0	0	
62393	ASYÛT MANQABÂD	320	5	30	00	0	0	—	17.0		18			12		73	13	0	0	
62399	NAG' HAMMÂDI	00	0		00	0	0	—	15.6	+0.3	20	31		14		73	15	0	0	
62402	QENA	270	2	15	00	0	0	—	15.5	+0.8	19	31	-2	16	0	64	12	0	dr.	
62405	LUXOR											32							0	
62414	ASWÂN	360	4	50	00	0	0	—	13.8	-0.4	23	33	-1	19	0	47	11	0	0	
62417	SÎWA	00	0	35	00	0	0	—	20.0	+1.7	18	30	0	13	0	60	10	0	0	0
62420	BAHARÎYA	360	5	35	02	0	0	—	19.0	+1.5	16	28	-1	15	+1	94	15	0	0	0
62423	FARAFRA																			
62432	DAKHLA	320	5	35	00	0	0	—	17.1	+0.5	19	29	-2	15	0	64	12	0	0	
62435	KHARGA	00	0	35	00	0	0	—	16.7	+1.1	18	30	-2	12	-4	73	13	0	0	
62450	SUEZ	00	0	35	00	0	0	—	16.6	+0.5	19	28	-1	17	0	83	16	0	0	2
62459	TÛR	20	3	35	00	0	0	—	14.9	+0.6	16	27	-1	14	-3	68	10	0	0	1
62462	HURGHÂDA	280	10		00	0	0	—	14.5		22	25		15		57	13	0	0	
62465	QUSEIR	310	9	15	02	0	0	—	14.4	0.0	24			20	-2	54	14	10	0	0
62641	PORT SÛDÂN																		0	13
62600	WÂDI HALFA	340	5	30	03	0	1	Ac	14.0		21	34		17		31	3	0	0	
62640	ABU ḤAMAD	90	9	30	00	0	7		10.3		28	39		24		35	11	0	0	
62650	KAREIMA	20	4	30	00	0	0	—	10.8		26	39		22		23	3	0	dr.	1
62680	'ATBARA	70	8	10	01	0	1	Ac	9.4		29	39		25		23	6	0	0	2
62721	KHARTÛM	340	10	30	03	1	7	Ac	9.2		28	40		27		27	7	0	11	4
62780	KASSALA	130	9	30	00	0	0		7.4		31	41		25		33	13	0	4	8
62751	WÂD MEDANI	50	5	50	01	1	4	Ac	8.8		30	40		22		38	14	0	7	11
62801	RENK	130	2	50	00	0	0	—			27	38		22		58	18	0		44
62802	ROSEIRES	200	2	35	02	1	0	—	8.4		29	39		24		52	18	0	47	30
62771	EL OBEID																	0	24	14
62760	EL FÂSHER	00	0	30	00	0	1	Ci			21	36		16		35	5	0	1	6
62770	GENEINA																			4
62840	MALAKÂL	290	2	30	01	1	6	Ac Ci	9.7		26	35		21		79	22	0	38	76
62880	WÂU	00	0	30	03	2	7	Ac Ci	9.4		28	36		23		66	21	0	164	127
62941	JUBA																	0	41	98

HUMIDITY

Mean % of day

STATION	on 31st Oct	Diff. from normal
Alexandria	61	-7
Ezbekiya	64	-3
Giza	68	-1
Helwân	53	-1

GÎZA

GRASS MINIMUM TEMP. ON 1st Nov. 89 °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 31st	At 15h	AIRPORT					On	At	AIRPORT					On	At	AIRPORT				
PRESSURE mbs.	HEIGHT ABOVE M.S.L. Metres	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.		PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.		PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	140	24	36	60	17		1000							1000					
950							950							950					
900							900							900					
850	1531	11	63	90	10		850							850					
800							800							800					
700	3140	5		90	2		700							700					
600							600							600					
500	5767	-14		230	12		500							500					
400		-24					400							400					
300	9463	-41		230	42		300							300					

UPPER WIND OBSERVATIONS on 31st Oct.

STATION	Hurghada			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.
300	160	10			360	16														
600	270	2			10	16														
1000	150	4			20	18														
1500	170	3			20	9														
2000					90	3														
3000																				
4000																				
5000																				
6000																				
7000																				
8000																				

UPPER WIND OBSERVATIONS on 1st Nov.

STATION	SÎDI BARÂNI		MATRÛH		ROUAD AIRPORT		PORT SAÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Almaza	
TIME	9		4		3						9		4		9				5		10		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	100	7	60	6	20	8					50	8	60	23	320	9			360	9	360	17	10	19
600	160	9	30	7	30	8					40	6	360	24	350	11			60	9	330	13	30	22
1000	180	4	40	7	40	8					50	10	40	5	340	7			100	9	350	4	50	19
1500	330	6	360	14	30	5					60	2	10	9					120	10	240	3		
2000	340	12			150	4					290	2	330	3					180	5	230	14		
3000											240	9	290	5							210	4		
4000											230	15	290	9										
5000													220	13										
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ ḤAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9				7		4										3	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	120	9	30	25			360	12	10	12														
600	330	7	20	21			360	20	30	16													270	3
1000	80	5	350	7			20	20	40	15									20	27			150	3
1500	60	4	20	34			10	9	60	8									30	30			50	10
2000	360	18	10	36			330	3	180	2									30	19			40	20
3000	340	21							10	5									180	9			60	18
4000	330	19																	170	11			70	7
5000																								
6000																								
7000																								
8000																								

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

Note: All times G. M. T.

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

CAIRO
Time of Sunrise 04 08 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: Monday 31st October, , 1949

At 1200 on Sun. 30th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C
MEDITERRANEAN	62300	SALUM	360	6	35	03	2	8	Cu, Cī	18.6	23	74	18
	62309	SIDI BARĀNI	40	11	35	03	2	8	Cu, ac	19.0	23	84	20
	62306	MATRUH	90	11	18	03	2	7	Cu	18.5	25	47	13
	62309	EL DABA	90	13	35	01	1	2	Cu	18.8?	24	54	14
		ALEXANDRIA	20	5	60	01	1	4	Cu, Ci	19.0	23	65	16
	62318	FOUAD (Airport)	20	10	18	02	0	1	Cu	18.7	26	55	16
	62330	DAMIETTA	360	2	15	02	0	0	—	17.8	24	54	14
	62333	PORT SAĪD											
	62336	EL 'ARISH	320	2	35	01	0	0	—	18.0	24	47	12
LOWER EGYPT	62339	DAMANHUR	40	5	15	02	1	2	Cu	19.5	26	48	14
	62342	MANSURA	20	5	35	03	1	3	Cu	18.3	28	45	15
	62348	TANTA	310	5	35	01	1	4	Cu	19.0	27	42	13
	62354	ZAGAZIG	320	5	35	02	1	2	ac	17.6	26	45	13
	62441	ISMAĪLIA	40	2	35	01	1	1	Cu	17.2	26	43	12
CAIRO AREA	62366	FAROUK (Airport)	20	7	30	03	0	2	Cu	17.4	26	37	10
	62372	ALMAZA	10	16	30	03	0	1	Cu	17.1	26	42	12
		EZBEKIYA	20	5	35	00	0	0	—	17.2	27	40	12
		GIZA	20	5	35	00	0	0	—	17.5	26	42	12
	62378	HELWAN	360	12	35	02	1	2	Cu, Ci	16.8	27	27	6
UPPER EGYPT	62381	FAYUM	360	2	35	02	0	0	—	16.7	28	27	7
	62387	MINYA	10	13	12	02	1	1	ac	16.4	29	35	12
	62393	ASYUT [illegible]	340	6	30	00	0	0	—	14.4	30	3?	14
	62399	NAG HAMMADI	290	2	15	00	0	0	—	13.1	31	31	12
	62402	QENA	270	5	35	00	0	0	—	13.3	31	38	15
	62405	LUXOR	40	5	30	00	0	0	—	12.6	31	24	8
	62414	ASWAN	340	6	50	00	0	0	—	11.6	32	29	12
OASIS	62417	SIWA	00	0	35	00	0	0	—	19.0	27	37	11
	62420	BAHARIYA	360	4	35	02	1	3	ac	17.1	29	40	14
	62428	FARAFRA											
	62432	DAKHLA	40	6	50	00	0	0	—	14.6	29	23	6
	62435	KHARGA	360	4	35	00	0	0	—	14.8	30	16	1
RED SEA	62450	SUEZ	00	0	35	02	0	0	—	15.6	26	42	12
	62456	TOR	310	5	35	00	0	0	—	13.5	25	70	19
	62462	HURGHADA	340	13		00	0	0	—	13.7	25	58	16
	62465	QUSEIR	360	16	15	02	0	0	—	14.0	27	52	16
	62641	PORT SUDAN	20	9	30	01	1	1	Cu	11.1	31	62	23
NORTH SUDAN	62600	WADI HALFA	30	9	50	00	0	0	—	10.5	33	24	10
	62640	ABU HAMAD	50	2	30	03	0	1	Cu	6.5	37	20	11
	62660	KAREIMA	00	0	30	00	0	0	—	7.0	37	20	11
	62680	ATBARA	360	5	30	03	0	1	Cu	5.6	37	22	12
	62721	KHARTUM	300	3	30	02	0	0	—	5.1	38	11	3
	62780	KASSALA	90	2	30	00	0	0	—	4.0	39	21	13
CENTRAL SUDAN	62751	WAD MEDANI	310	2	35	01	0	2	Cu	3.8	39	16	9
	62801	RENK											
	62802	ROSEIRES	280	2	35	02	0	0	—	3.6	37	24	13
	62771	EL OBEID	340	7	30	00	0	0	—	5.6	36	9	-2
	62760	EL FASHER	30	5	30	03	1	3	Ci		35	23	11
	62770	GENEINA	90	4	30	01	1	6	Ci		33	14	2
S. SUDAN	62840	MALAKAL	200	6	30	01	1	3	Cu, Ci	6.6	33	50	21
	62880	WAU											
	62941	JUBA	230	2	30	15	1	6	Cu, Sc, Ac	5.7	34	39	18

At 1800 on Sun. 30th

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs. mms
SALUM	40	3	15	01	2	4	Cu	18.8	22	74	18	0
SIDI BARĀNI	40	11	15	01	2	6	Cu	19.8	21	83	18	0
MATRUH	100	5				6	Cu, Ac	19.4	22	78	18	0
EL DABA	100	5	15	02	2	7	Sc	19.9	20	78	16	0
ALEXANDRIA	360	2	15	02	0	1	Cu	19.2	21	74	16	0
FOUAD (Airport)	12	03	2	6	Cs	20.2	21	65	14	0		
DAMIETTA				03	0	1	Sc	19.2	23	65	16	0
PORT SAĪD	360	2	20	12	18	03	0	1	Cu, Ac	19.0	22	65	15	0
EL 'ARISH	320	2	15	03	0	1	Cu	18.2	21	65	14	0
DAMANHUR	02	1	7	02	1	1	Cc	19.5	19	83	16	0
MANSURA	40	9				2	Ci	19.9	19	83	16	0
TANTA	20	5	35	02	1	0	—	19.6	18	83	15	0
ZAGAZIG	310	5	35	02	1	0	—	19.1	17	83	16	0
ISMAĪLIA	320	5	35	00	1	0	—	19.1	17	83	16	0
FAROUK (Airport)	40	2	35	03	2	3	Ac	19.0	19	52	9	0
ALMAZA	20	7	15	00	0	0	—	19.0	18		14	63	12	0	0	
EZBEKIYA	10	16	12	00	0	0	—	19.1	19	27	13	78	15	0	0	
GIZA	20	5	15	00	0	0	—	19.4	+2.5	17	28	-1	15	-1	77	13	0	0	1
HELWAN	20	5	15	00	0	0	—	19.4	+2.4	17	27	-1	12	-2	80	13	0	0	2
FAYUM	20	12	7	00	0	0	—	18.8	+1.7	20	27	-1	17	0	64	13	0	0	1
MINYA	360	8	35	02	0	0	—	19.0	+2.4	20	29	-1	15	0	64	13	0	0	0
ASYUT [illegible]	10	8	12	00	0	0	—	17.9		16	29		11		83	13	0	0	
NAG HAMMADI	320	4	30	00	0	0	—	17.9		18			12		60	10	0	0	
QENA	00	0		00	0	0	—	17.0	+1.8	21	32		14		65	14	0	0	
LUXOR	290	3	15	00	0	0	—	16.8	+2.2	18	33	0	16	0	73	13	0	dr.	
ASWAN	00	0	30	00	0	0	—	16.3		23	32		13		44	10	0	0	
SIWA	360	6	50	00	0	0	—	15.5	+1.4	25	34	0	18	-1	42	11	0	0	
BAHARIYA	00	0	35	00	0	0	—	20.2	+1.9	19			12	-1	52	9	0	0	0
FARAFRA	00	0	35	02	0	0	—	19.1	+1.6	20	31	+2	12	-2	83	17	0	0	0
DAKHLA																			
KHARGA	00	0	35	00	0	0	—	17.4	+0.8	19	30	-1	15	0	52	9	0	0	
SUEZ	360	1	35	00	0	0	—	17.1	+1.5	20	30	-2	16	0	56	11	0	0	
TOR	00	0	35	00	0	0	—	18.0	+2.0	19	27	-2	15	-3	83	16	0	0	1
HURGHADA	20	5	35	00	0	0	—	15.5	+0.6	23	27	-1	13	+1			0	0	0
QUSEIR	310	22		00	0	0	—	15.0		22	26		17		65	15	0	0	
PORT SUDAN	330	13	15	02	0	0	—	15.8	+1.5	24			20	-2	54	14	0	0	0
WADI HALFA	300	8	30	03	1	6	Sc	14.2		29	31		26		70	23	0	0	12
ABU HAMAD	10	2	50	00	0	0	—	15.5		21	35		17		35	5	0	0	
KAREIMA																	0	0	
ATBARA	50	6	30	00	0	0	—	11.0		27	37		23		30	8	0	dr.	1
KHARTUM	50	13	7	07	0	0	—	9.8		29	38		23		43	15	0	0	1
KASSALA	350	7	30	01	1	2	Ac	8.9		29	39		23		20	4	0	11	3
WAD MEDANI	00	0	30	00	0	0	—	9.7		31	40		25		38	15	0	4	8
RENK	360	5	50	02	1	4	Ac	9.5		29	39		22		31	10	0	7	10
ROSEIRES	130	9	50	00	0	2	Ci	9.8		26	37		20		79	22	0		43
EL OBEID																	0	47	29
EL FASHER	360	8	30	02	0	1	Ci	10.8		27	37		21		20	2	0	24	15
GENEINA	00	0	30	00	1	2	Ci			21	35		19		41	7	0	1	6
MALAKAL	20	10	30	01	0	4	Ci			23	35		17		24	1	0	dr	4
WAU	00	0	30	03	2	5	Ac, Ci	10.7		27	34		21		74	22	0	38	75
JUBA	00	0	30	01	2	5	Ac	10.7		23	34		21		89	21	0	164	125
																	0	41	95

HUMIDITY

Mean of day

STATION	Oct 30th	Diff. from normal
Alexandria	71	+3
Ezbekiya	64	-3
Giza	72	+3
Helwan	53	-1

GIZA
GRASS MINIMUM TEMP. ON 31st 8.0 °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 At 15h

AIRPORT PRESSURE mbs	HEIGHT ABOVE M.S.L. metres	TEMP. °C	HUMID. %	WIND DIR.	WIND VEL.
1000	149	25	42	30	14
950					
900					
850	1547	12	47	40	13
800					
700	3150	5		330	1
600		-2			
500	5818	-12		260	22
400		-25			
300	9497	-41		270	30

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 30th

STATION	Harghada																					
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.
300	10	13																				
600	320	21																				
1000	340	23																				
1500	260	8																				
2000	230	11																				
3000	200	10																				
4000	340	7																				
5000	360	9																				
6000																						
7000																						
8000																						

At 0600 on Monday 31st October,

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C Dry Bulb	TEMPERATURES °C MAXIMUM Yesterday	TEMPERATURES °C MAXIMUM Diff. from normal	TEMPERATURES °C MINIMUM Today	TEMPERATURES °C 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
SALUM	320	3	15	01	0	1	ac	17.5		21	24		15		74	16	0	0	
SIDI BARANI	160	2	15	01	1	3	Cb	20.7		22	24		14		83	19	0	1	
MATRUH	00	0	15	02	2	7	Sc	19.9		20	26		14		78	16	0	0.2	
EL DABA	180	2	15	00	0	0	—	19.2		19	26		13		83	16	0	0	
ALEXANDRIA	40	3	35	04	2	6	Cu	20.6?	+3.1	23	26	-1	18	-1	61	15	0	dr.	5
FOUAD (Airport)	00	0	14	02	1	3	Cu	19.9		20	27		13		83	17	0	0	6
DAMIETTA	20	2	15	02	0	1	Cu	19.4	+3.2	22	25		16		74	17	0	dr	5
PORT SAĪD	60	3	30	02	0	1	Cu	19.2		22	26		21		57	13	0	0	
EL 'ARISH	00	0	35	01	0	0	—	18.7	+2.7	18	26	-1	13	-2	68	13	0	0	3
DAMANHUR	40	5		02	0	0	—	19.6	+2.4	19	27	-2	14	-2	88	17	0	0	3
MANSURA	20	5	35	00	0	0	—	19.5	+3.0	20	29	0	16	0	73	15	0	0	2
TANTA	310	2	35	02	0	0	—	19.9	+2.7	19	28	-1	10	-4	83	16	0	0	2
ZAGAZIG	40	2	15	00	0	0	—	19.1	+2.1	19	28	-1	14	-1	83	16	0	0	1
ISMAILIA	140	2	35	01	0	0	—	19.0		19	27		13		83	16	0	dr.	
FAROUK (Airport)	70	7	15	00	0	0	—	19.0		18			14		63	12	0	0	
ALMAZA	60	11	12	00	0	0	—	19.1		19	27		13		78	15	0	0	
EZBEKIYA	20	2	15	00	0	0	—	19.4	+2.5	17	28	-1	15	-1	77	13	0	0	1
GIZA	20	2	15	00	0	0	—	19.4	+2.4	17	27	-1	12	-2	80	13	0	0	2
HELWAN	20	13	7	00	0	0	—	18.8	+1.7	20	27	-1	17	0	64	13	0	0	1
FAYUM	360	8	35	02	0	0	—	19.0	+2.4	20	29	-1	15	0	64	13	0	0	0
MINYA	10	8	12	00	0	0	—	17.9		16	29		11		83	13	0	0	
ASYUT [illegible]	320	4	30	00	0	0	—	17.9		18			12		60	10	0	0	
NAG HAMMADI	00	0		00	0	0	—	17.0	+1.8	21	32		14		65	14	0	0	
QENA	290	3	15	00	0	0	—	16.8	+2.2	18	33	0	16	0	73	13	0	dr.	
LUXOR	00	0	30	00	0	0	—	16.3		23	32		13		44	10	0	0	
ASWAN	360	6	50	00	0	0	—	15.5	+1.4	25	34	0	18	-1	42	11	0	0	
SIWA	00	0	35	00	0	0	—	20.2	+1.9	19			12	-1	52	9	0	0	0
BAHARIYA	00	0	35	02	0	0	—	19.1	+1.6	20	31	+2	12	-2	83	17	0	0	0
FARAFRA																			
DAKHLA	00	0	35	00	0	0	—	17.4	+0.8	19	30	-1	15	0	52	9	0	0	
KHARGA	360	1	35	00	0	0	—	17.1	+1.5	20	30	-2	16	0	56	11	0	0	
SUEZ	00	0	35	00	0	0	—	18.0	+2.0	19	27	-2	15	-3	83	16	0	0	1
TOR	20	5	35	00	0	0	—	15.5	+0.6	23	27	-1	13	+1			0	0	0
HURGHADA	310	22		00	0	0	—	15.0		22	26		17		65	15	0	0	
QUSEIR	330	13	15	02	0	0	—	15.8	+1.5	24			20	-2	54	14	0	0	0
PORT SUDAN	300	8	30	03	1	6	Sc	14.2		29	31		26		70	23	0	0	12
WADI HALFA	10	2	50	00	0	0	—	15.5		21	35		17		35	5	0	0	
ABU HAMAD																	0	0	
KAREIMA	50	6	30	00	0	0	—	11.0		27	37		23		30	8	0	dr.	1
ATBARA	50	13	7	07	0	0	—	9.8		29	38		23		43	15	0	0	1
KHARTUM	350	7	30	01	1	2	Ac	8.9		29	39		23		20	4	0	11	3
KASSALA	00	0	30	00	0	0	—	9.7		31	40		25		38	15	0	4	8
WAD MEDANI	360	5	50	02	1	4	Ac	9.5		29	39		22		31	10	0	7	10
RENK	130	9	50	00	0	2	Ci	9.8		26	37		20		79	22	0		43
ROSEIRES																	0	47	29
EL OBEID	360	8	30	02	0	1	Ci	10.8		27	37		21		20	2	0	24	15
EL FASHER	00	0	30	00	1	2	Ci			21	35		19		41	7	0	1	6
GENEINA	20	10	30	01	0	4	Ci			23	35		17		24	1	0	dr	4
MALAKAL	00	0	30	03	2	5	Ac, Ci	10.7		27	34		21		74	22	0	38	75
WAU	00	0	30	01	2	5	Ac	10.7		23	34		21		89	21	0	164	125
JUBA																	0	41	95

UPPER WIND OBSERVATIONS on 31st

STATION	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SAĪD		EL 'ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA		
TIME	9										9	15			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	70	6									40	11			330	10			10	5	330	25		
600	50	6									40	24			350	8			40	10	310	16		
1000	170	3									70	7			310	4			70	14	330	3		
1500	240	4									70	15			120	3			100	10	180	13		
2000	320	4									110	9			220	3			240	3				
3000	300	4									350	5			150	2			220	22				
4000	320	12									200	11			190	3			210	8				
5000											230	11												
6000											220	26												
7000											200	22												
8000																								

STATION	SIWA		BAHARIYA		Kharga		Dakhla		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME	9		9		7		1						4		4									
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	130	14	40	25	360	10	350	16																
600	160	13	30	45	360	20	20	10					50	31										
1000	130	6	30		10	18	10	14					70	23	70	16								
1500	30	10			30	6	30	3					70	14										
2000	10	16			200	10							90	8										
3000	320	20			220	11																		
4000	310	24			270	6																		
5000	290	10																						
6000	250	4																						
7000	240	9																						
8000	250	-																						

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at 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 04 09 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 : Wednesday 2nd November, 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.
NORTH MEDITERRANEAN	62300	SALÛM	40	11	35	03	0	2	Ac,Cc	16.9	24	61	16
	62303	SÎDI BARÂNI	70	7	35	00	2	0	—	17.4	22	83	19
	62306	MATRÛH	60	8	18	01	1	1	Cu	17.2	23	50	12
	62309	EL DABA	360	6	35	02	2	3	Cu	16.7	23	74	18
		ALEXANDRIA	360	6	50	03	2	5	Cu	17.2	23	50	12
	62318	FOUAD (Airport)	340	11	18	02	1	4	Cu	16.9	24	57	15
	62330	DAMIETTA	320	5	15	03	1	5	Cu	16.3	23	65	16
	62333	PORT SA'ÎD											
	62336	EL 'ARISH	320	2	35	02	1	2	Cu	15.8	25	54	15
LOWER EGYPT	62339	DAMANHÛR	40	9	15	02	1	3	Cu	16.8	25	54	15
	62342	MANSÛRA	320	9	35	02	2	4	Cu	16.6	26	48	14
	62348	TANTA	310	8	35	01	1	3	Cu	17.0	25	47	13
	62354	ZAGAZIG	40	5	35	02	1	2	Cu	15.4	26	48	14
	62441	ISMAÎLIA	360	2	35	03	1	5	Cu	15.0	26	48	14
CAIRO AREA	62366	FAROUK (Airport)	40	10	30	02	1	3	Sc	15.6	26	42	12
	62372	ALMÂZA	360	9	15	01	2	2	Cu	15.0	26	45	13
		EZBEKÎYA	20	5	35	00	0	2	Cu	15.4	26	48	14
		GÎZA	20	5	35	00	0	2	Cu	15.6	27	42	12
	62378	HELWÂN	360	10	15	02	1	2	Cu	14.6	26	51	10
UPPER EGYPT	62381	FAIYÛM	360	8	35	02	0	0	—	14.7	26	42	12
	62387	MINYA	360	9	12	00	0	0	—	14.3	28	40	13
	62393	ASYÛT MANQABÂD	320	5	30	00	0	0	—	13.9	26	48	14
	62399	NAG' HAMMÂDI	360	1	15	00	0	0	—	13.1	29	40	14
	62402	QENA	290	3	50	00	0	0	—	12.2	29	40	14
	62405	LUXOR											
	62414	ASWÂN	340	4	50	00	0	0	—	10.4	33	38	17
OASES	62417	SÎWA	00	0	35	00	0	0	—	18.2	28	45	15
	62420	BAHARÎYA	360	4	35	02	0	0	—	16.4	25	54	15
	62423	FARAFRA											
	62432	DAKHLA	320	6	50	00	0	0	—	14.6	27	37	11
	62436	KHARGA	360	1	35	00	0	0	—	14.2	28	27	7
RED SEA	62450	SUEZ	360	3	35	02	0	0	—	14.3	26	42	12
	62459	TÛR	310	8	35	00	0	0	—	12.8	26	51	15
	62462	HURGHÂDA	360	11		00	0	0	—	12.2	25	74	20
	62465	QUSEIR	360	9	15	02	0	0	—	12.3	26	74	21
	62641	PORT SUDÂN											
NORTH SÛDÂN	62600	WÂDI HALFA											
	62640	ABU HAMAD											
	62660	KAREIMA											
CENTRAL SÛDÂN	62680	'ATBARA	110	6	30	03	0	1	Cu	4.4	38	18	10
	62721	KHARTÛM	360	7	15	02	0	2	Cu,Cc	4.3	39	16	9
	62730	KASSALA	110	2	30	00	0	8		3.2	40	14	8
	62751	WÂD MEDANI											
	62801	RENK	130	9	50	02	0	2	Sc	4.0 ?	37	33	18
	62802	ROSEIRES	340	2	35	02	1	4	Ac	2.0	37	27	15
	62771	EL OBEID	20	13	30	01	2	7	Ac	3.8	37	10	0
	62760	EL FÂSHER	20	2	30	00	1	1	Ci		35	18	7
	62770	GENEINA	10	5	30	01	1	6	Ci		33	14	2
S. SÛDÂN	62840	MALAKÂL	50	2	30	02	2	8	Cu,Ac	4.3	35	44	21
	62880	WÂU	280	4	30	03	2	7	Cb,Ci	4.6	35	35	17
	62941	JUBA	50	5	30	03	1	5	Cu,Cs	2.9	36	31	16

At 1800 on Tues 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	110	15	15	02	0	2	Ac	18.0	21	74	16	0
62303	SÎDI BARÂNI	90	8	15	03	2	8	Cs	18.2	20	83	17	0
62306	MATRÛH	70	2	12	02	0	1	Cu	18.8	19	73	14	0
62309	EL DABA	360	3	7	00	0	0	—	17.4	19	73	14	0
	ALEXANDRIA	360	9	15	01	1	3	Cu	17.9	20	64	13	0
62318	FOUAD (Airport)												
62330	DAMIETTA	320	2		01	0	1	Cu	16.4	20	83	17	0
62333	PORT SA'ÎD	350	6	15	01	0	1	Sc	17.0	22	65	15	0
62336	EL 'ARISH	320	2	15	01	1	2	Cb.	17.0	22	65	15	0
62339	DAMANHÛR	40	9	7	02	0	0	—	17.8	17	83	16	0
62342	MANSÛRA	20	5		00	1	0	—	17.8	18	83	15	0
62348	TANTA	00	0	35	02	1	0	—	18.4	18	73	13	0
62354	ZAGAZIG	40	2	35	00	1	0	—	17.1	19	83	16	0
62441	ISMAÎLIA	20	2	35	01	0	0	—	18.2	20	64	13	0
62366	FAROUK (Airport)												
62372	ALMÂZA	20	11	12	00	0	0	—	17.1	20	69	14	0
	EZBEKÎYA	20	4	15	00	0	0	—	16.8	20	73	16	0
	GÎZA	20	4	15	00	0	0	—	17.6	20	80	17	0
62378	HELWÂN	340	18	15	02	0	0	—	16.6	21	65	14	0
62381	FAIYÛM	360	5	35	02	0	0	—	16.0	22	50	11	0
62387	MINYA	00	0	10	00	0	0	—	16.0	18	73	13	0
62393	ASYÛT MANQABÂD												
62399	NAG' HAMMÂDI	00	0		00	0	0	—	13.6	20	73	15	0
62402	QENA	270	2	7	00	0	0	—	12.7	24	38	9	0
62405	LUXOR	180	3	12	00	0	0	—	13.2	24	32	6	0
62414	ASWÂN	360	5	50	00	0	0	—	12.0	31	31	12	0
62417	SÎWA	00	0	35	00	0	0	—	18.2	22	36	6	0
62420	BAHARÎYA	00	0	15	00	0	0	—	17.2	20	56	11	0
62423	FARAFRA												
62432	DAKHLA	320	6	35	00	0	0	—	16.4	23	38	8	0
62436	KHARGA	00	0	15	00	0	0	—	13.5	25	34	8	0
62450	SUEZ	360	11	15	02	0	0	—	15.1	21	65	14	0
62459	TÛR	00	0	15	00	0	0	—	13.6	22	74	17	0
62462	HURGHÂDA												
62465	QUSEIR	360	5	15	02	0	0	—	13.8	24	84	21	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 Wednesday 2nd November.

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL mms. Total From Oct. 1st.	RAINFALL mms. Normal From Oct. 1st.
62300	SALUM	00	15	20	5	6	As		16.2		20	25		15		73	15	dr.	dr.	
62303	SÎDI BARÂNI	140	10	15	01	0	3	Ac	17.0		18	24		14		83	15	0	1	
62306	MATRÛH	00	0	18	02	1	3	Cu	17.7		18	24		11		78	14	0	tr.	
62309	EL DABA	270	2	15	00	0	0	—	18.0		17	25				77	13	0	0	
	ALEXANDRIA	00	0	15	04	2	5	Sc,Cu,Ac	17.5	-0.1	22	24	-3	18	0	57	13	0	dr.	7
62318	FOUAD (Airport)	250	3	14	01	1	2	Sc	16.2		23			13		61	15	0	0	6
62330	DAMIETTA	200	2		11	0	0	—	17.4	+1.1	19	23		15		23	16	0	dr.	6
62333	PORT SA'ÎD	350	4	15	02	0	1	Sc	16.4		22	26		20		65	15	0	0	
62336	EL 'ARISH	220	5	35	03	1	4	Cb	16.7	+0.6	23	26	-1	16	+1	53	13	0	0	4
62339	DAMANHÛR	270	5	3	02	1	1	Cu	17.9	+0.6	17	26	-2	13	-2	82	15	0	0	4
62342	MANSÛRA	360	2	35	00	0	0	—	17.1	+0.5	20	28	0	14	-2	73	15	0	0	3
62348	TANTA	00	0	35	02	0	0	—	18.2	+0.9	16	26	-2	10	-4	68	14	0	0	3
62354	ZAGAZIG	320	2	15	00	0	0	—	17.1	0.0	19	28	-1	13	-1	75	19	0	0	2
62441	ISMAÎLIA	180	2	35	01	0	0	—	16.7		18	27		15		83	15	0	dr.	
62366	FAROUK (Airport)	290	2	12	03	1	2	Cu, Cs	17.2		18			14		73	13	0	0	
62372	ALMÂZA	00	0	12	01	1	2	Ac	17.0	+0.1	18	26		14		78	14	0	0	
	EZBEKÎYA	00	0	7	00	0	0	—	17.5	+0.6	17	27	-1	14	-2	83	14	0	0	2
	GÎZA	00	0	7	00	0	0	—	17.4	+0.3	18	27	0	13	-1	76	13	0	0	3
62378	HELWÂN	20	3	7	00	0	1	St	17.2	0.0	17	26	-2	15	-1	77	13	0	0	1
62381	FAIYÛM	360	8	35	02	0	0	—	17.8	+1.0	19	26	-3	13	-2	71	14	0	0	0
62387	MINYA	360	3	10	00	0	0	—	16.6		17	28		14		72	12	0	0	
62393	ASYÛT MANQABÂD	320	5	30	00	0	0	—	16.6		18			14		78	14	0	0	
62399	NAG' HAMMÂDI	320	2	7	00	0	0	—	15.5	+0.1	20	30		15		75	15	0	0	
62402	QENA	270	3	15	00	0	0	—	15.4	+0.6	19	30	-3	15	-1	73	14	0	dr.	
62405	LUXOR	00	0	30	02	0	0	—	14.6		22	32		16		57	13	0	0	
62414	ASWÂN	340	9	50	03	1	3	Ac	13.8	-0.5	23	34	0	20	+1	53	13	0	0	
62417	SÎWA	140	6	35	00	0	0	—	18.0	-0.4	18	27	-1	13	+1	60	10	0	0	0
62420	BAHARÎYA	360	2	35	02	0	0	—	17.6	0.0	19	26	-3	12	-2	73	14	0	0	0
62423	FARAFRA																			
62432	DAKHLA	00	0	35	00	0	0	—	17.2	+0.5	18	28	-3	14	-1	60	10	0	0	
62436	KHARGA	00	0	35	00	0	0	—	16.6	+0.9	19	27	-3	16	0	64	12	0	0	
62450	SUEZ	00	0	35	00	0	0	—	15.9	-0.3	19	27	-2	16	-1	83	16	0	0	2
62459	TÛR	20	3	35	00	0	0	—	14.3	-0.7	16	27	-1	15	-1	68	10	0	0	1
62462	HURGHADA	290	8	50	00	0	0	—	14.1		22			17		65	15	0	0	
62465	QUSEIR	330	9	15	02	0	0	—	14.2	-0.3	24			21	-1	61	16	0	0	0
62641	PORT SUDÂN	300	6	30	01	1	4	Sc	12.6		29	32		24		70	23	0	0	14
62600	WÂDI HALFA	360	10	30	03	1	5		12.9		22	35		19		31	4	0	0	
62640	ABU HAMAD	110	1	30	00	0	0	—	9.8		27	39		24		45	14	0	0	
62660	KAREIMA	20	6	30	00	0	0	—	10.2		27	39		23		23	4	0	dr.	1
62680	'ATBARA	90	5	30	03	1	5	Ac	9.1		27	39		23		40	12	0	0	2
62721	KHARTÛM	350	12	30	02	0	2	Ac	8.1		28	34		25		25	6	0	11	4
62730	KASSALA	110	5	30	00	0	0	—	7.3		31	41		26		33	13	0	4	8
62751	WÂD MEDANI	50	5	35	00	0	0	—	8.4		29	40		21		31	10	0	7	11
62801	RENK	360	13	35	01	0	1	Ci	8.6		29	39		23		43	15	0		44
62802	ROSEIRES	50	2	35	02	0	0	—	8.4		25	38		20		65	18	0	47	31
62771	EL OBEID	340	12	30	02	1	3	Ac	8.0		25	37		22		18	-1	0	24	16
62760	EL FÂSHER	00	0	30	01	1	3	Ci			20	36		14		35	4	0	1	6
62770	GENEINA	50	10	30	01	0	4	Ci			21	35		16		16	-6	0		4
62840	MALAKÂL	340	5	30	03	1	7	Ac,Ci	9.4		25	36		22		84	22	0	38	77
62880	WÂU	200	3	30	02	2	8	Ac	9.1		24	35		22		79	20	0	164	129
62941	JUBA	180	5	30	02	2	8	Ac, Cs	10.0		25	37		21		74	20	0	41	101

HUMIDITY %

Mean of day

STATION	on 1st.	Diff. from normal
Alexandria	57	-11
Ezbekiya	68	+1
Giza	73	+4
Helwân	60	+5

GÎZA

GRASS MINIMUM TEMP.

ON 2nd 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

	On 1st	At 15h.	AIRPORT
PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %
1000	132	24	47
950			
900			
850	1520	12	77
800			
700	5730	.6	31
600			
500	5780	-15	
400		-26	
300	7443	-42	

	WIND DIR.	WIND VEL.
1000	10	9
950		
900		
850	60	11
800		
700	230	14
600		
500	240	24
400		
300	250	66

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	Hurghada				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.
300	20	9			360	16																		
600	60	2			360	16																		
1000	90	2			360	15																		
1500	180	1			340	15																		
2000	210	15																						
3000	240	18																						
4000	250	16																						
5000	240	25																						
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 2nd

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		almaza	
TIME	9		9								9		3		9		8 30		5		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	150	12									30	17	10	21	340	7	30	3	10	16	350	23	10	13
600	150	13	80	8							40	13	360	17	350	10	80	8	20	16	330	17	20	11
1000	60	9	50	11							60	13	360	13	350	10	20	13	50	13	330	21	40	23
1500	170	17	140	11							40	4	350	9	50	6	190	4	60	10			40	8
2000	200	19	140	9							310	9	340	15	270	5	240	8	160	5			50	5
3000	220	21									300	10			240	5	220	20	220	3			330	3
4000	250	27									330	M			240	4								
5000											300	12			260	18								
6000											290	15			260	19								
7000															260	35								
8000															260	32								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ ḤAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9				7		4						4		3				4 30			
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	140	14	30	9			10	11	10	18														
600	160	14	50	6			360	20	30	22					20	20	170	10						
1000	170	16	60	12			30	23	40	25					20	27	90	11			30	5		
1500	190	12	30	21			310	6	40	15					30	19	20	13						
2000	210	10	20	32			230	3									320	7						
3000	260	15	20	25											360	3	220	6						
4000	270	18																						
5000	280	22																						
6000																								
7000																								
8000																								

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

CAIRO
Time of Sunrise 04 09 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: Tuesday 1st November, 1949

LIBRARY MAR 10 1950 WEATHER BUREAU

AREA	INDEX NUMBER	STATION	At 1200 on Mon. 31st: WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY 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 Mon. 31st: WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms	STATION
MEDITERRANEAN	62300	SALÛM	20	9	35	01	0	1	Cu	18.2	23	65	16	70	13	15	03	0	3	ac	18.7	22	78	18	0	SALUM
	62303	SÎDI BARÂNI	20	8	50	02	0	3	Cu	19.4	23	74	18	70	4	15	01	0	1	ac	19.8	20	83	17	0	SÎDI BARÂNI
	62306	MATRÛH	90	4	18	02	2	4	Cu	17.1	24	67	16	110	3	12	01	1	2	Cu	19.4	18	78	14	0	MATRÛH
	62309	EL DABÂ	70	6	35	01	1	2	Cu	18.5	23	61	15	20	5	7	00	0	0	—	19.2	20	64	13	0	EL DABÂ
		ALEXANDRIA	10	5	50	02	2	3	Cu	19.1	23	61	15	40	6	35	02	1	4	Cu	19.4	20	64	13	0	ALEXANDRIA
	62318	FOUAD (Airport)	20	10	18	02	1	3	Cu	18.7	24	54	14	20	3	12	02	1	2	Sc	18.8	17	83	14	0	FOUAD (Airport)
	62330	DAMIETTA	360	2	15	03	0	2	Cu	18.2	23	65	16	360	2		01	0	1	Cu	18.6	21	65	14	0	DAMIETTA
	62333	PORT SAÏD												30	9	15	01	0	0	—	18.0	21	74	16	0	PORT SAÏD
	62336	EL 'ARISH	320	2	35	03	0	1	Cu	17.4	24	61	16	40	5	15	01	0	0	—	16.8	22	65	15	0	EL 'ARISH
LOWER EGYPT	62339	DAMANHÛR	90	9	15	02	1	4	Cu	19.2	25	54	15	40	9	7	02	1	1	Cu	19.6	19	83	16	0	DAMANHÛR
	62342	MANSÛRA	40	5	15	03	1	4	Cu	18.3	25	54	15	360	5		02	1	2	Cu	19.1	19	78	14	0	MANSÛRA
	62348	TANTA	40	5	35	01	1	4	Cu	18.8	26	42	12	360	2	35	02	1	0	—	18.1	18	83	15	0	TANTA
	62354	ZAGAZIG	40	5	35	00	0	0	—	17.2	25	47	13	40	2	35	02	1	2	Cu	18.3	19	83	16	0	ZAGAZIG
	62441	ISMAÏLIA	40	2	35	01	1	1	Cu	16.6	26	42	12	20	2	35	02	0	0	—	17.9	20	64	13	0	ISMAÏLIA
CAIRO AREA	62366	FAROUK (Airport)																								FAROUK (Airport)
	62372	ALMÂZA	40	14	30	02	0	1	Cu	16.5	26	45	13	40	13	12	00	0	0	—	17.1	20	73	15	0	ALMÂZA
		EZBEKÎYA	20	4	35	00	0	1	Cu	17.1	26	42	12													EZBEKÎYA
		GÎZA	20	4	35	00	0	1	Cu	17.2	26	41	12	20	5	15	00	0	0	—	17.9	20	71	15	0	GÎZA
	62378	HELWÂN	20	12	35	02	0	0	—	16.6	26	30	7	20	20	15	02	0	0	—	17.5	20	56	11	0	HELWÂN
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0	—	15.8	27	33	9	360	5	35	02	D	0	—	16.8	22	50	11	0	FAIYÛM
	62387	MINYA	360	10	12	00	0	0	—	15.4	27	35	10	360	7	10	00	0	0	—	16.1	18	60	10	0	MINYA
	62393	ASYÛT MANQABÂD	320	5	30	00	0	0	—	14.2	26	40	11													ASYÛT MANQABÂD
	62399	NAG' HAMMÂDI	290	1	7	00	0	0	—	13.4	28	40	13	00	0	7	00	0	0	—	14.2	20	64	13	0	NAG' HAMMÂDI
	62402	QENA	240	3	50	00	0	0	—	13.0	29	35	12	240	3	7	00	0	0	—	13.3	23	50	12	0	QENA
	62405	LUXOR												270	3	12	00	0	0	—	13.2	22	61	14	0	LUXOR
	62414	ASWÂN	340	8	50	00	0	0	—	11.2	33	26	11	00	0	50	00	0	0	—	12.6	31	24	8	0	ASWÂN
OASES	62417	SÎWA	140	6	35	00	0	0	—	19.2	27	42	13	00	0	35	00	0	0	—	18.2	20	46	8	0	SÎWA
	62420	BAHARÎYA	90	6	35	02	0	0	—	17.1	27	52	16	360	5	15	02	0	0	—	17.8	22	65	15	0	BAHARÎYA
	62423	FARAFRA																								FARAFRA
	62432	DAKHLA	360	13	50	00	0	0	—	14.2	27	33	9	340	3	35	00	0	0	—	16.6	22	44	9	0	DAKHLA
	62435	KHARGA	00	0	35	00	0	0	—	13.8	29	19	3	00	0	15	00	0	0	—	14.2	25	47	2	0	KHARGA
RED SEA	62450	SUEZ	360	8	35	02	0	0	—	15.2	26	48	14	00	0	15	02	0	0	—	16.2	21	65	14	0	SUEZ
	62459	TÛR	310	4	35	00	0	0	—	13.4	26	55	16	310	5	15	00	0	0	—	13.4	23	84	20	0	TÛR
	62462	HURGHÂDA	340	14		00	0	0	—	13.8	25	70	19	310	13	30	00	0	0	—	13.4	24	69	18	0	HURGHADA
	62465	QUSEIR	360	13	15	02	0	0	—	14.0	26	70	20	330	9	15	02	0	0	—	13.3	24	74	19	0	QUSEIR
	62641	PORT SÛDÂN	20	11	30	01	1	3	Cu	11.4	32	66	25													PORT SÛDÂN
NORTH SÛDÂN	62600	WÂDI HALFA	360	9	50	00	0	0	—	10.7	33	23	9													WÂDI HALFA
	62640	ABU HAMAD	180	2	30	03	0	1	Cu	6.1	38	18	10													ABU HAMAD
	62660	KAREIMA	50	2	30	00	0	1	Cu	6.5	37	24	13													KAREIMA
	62680	'ATBARA	50	5	30	00	0	0	—	4.9	37	19	10													'ATBARA
	62721	KHARTÛM	300	4	30	03	0	4	Cu	4.4	39	18	11													KHARTÛM
	62780	KASSALA	00	0	30	00	0	0	—	3.9	39	20	12													KASSALA
CENTRAL SÛDÂN	62751	WÂD MEDANI	50	5	35	01	1	2	Cu	2.8	39	20	12													WÂD MEDANI
	62801	RENK	130	5	50	00	0	0	—	3.7	37	27	15													RENK
	62802	ROSEIRES																								ROSEIRES
	62771	EL OBEID	340	7	30	02	1	4	Ci	4.7	37	12	3													EL OBEID
	62760	EL FÂSHER	50	3	30	00	0	0	—		34	25	11													EL FÂSHER
	62770	GENEINA	70	6	30	00	0	0	—		34	12	1													GENEINA
S. SÛDÂN	62840	MALAKÂL																								MALAKÂL
	62880	WÂU	360	9	30	02	2	6	Cu, Ci	5.8	35	35	17													WÂU
	62941	JUBA																								JUBA

AREA	INDEX NUMBER	STATION	At 0600 on Tuesday 1st November: WIND 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	TEMPERATURES °C MAXIMUM Yesterday	TEMPERATURES °C MAXIMUM Diff. from normal	TEMPERATURES °C MINIMUM Today	TEMPERATURES °C 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
MEDITERRANEAN	62300	SALÛM	180	4	15	01	0	0	—	18.7		20	24		15		73	15	0	0		SALUM
	62303	SÎDI BARÂNI	160	5	35	01	0	0	—	19.5		20	24		13		83	17	0	1		SÎDI BARÂNI
	62306	MATRÛH	00	0	15	02	1	3	Sc	18.8			24		14			14	0	tr		MATRÛH
	62309	EL DABÂ	40	2	15	01	1	2	Cu	19.1		22	26		14		65	15	0	0		EL DABÂ
		ALEXANDRIA	20	3	50	02	1	4	Cu	18.6	+1.0	21	24	-3	19	0	57	12	0	dr.	6	ALEXANDRIA
	62318	FOUAD (Airport)	350	4	12	02	1	3	Sc	18.1		21	26		15		65	14	0	0	6	FOUAD (Airport)
	62330	DAMIETTA	340	2	7	03	1	3	Cu	18.3	+2.0	22	24		16		74	17	0	dr.	6	DAMIETTA
	62333	PORT SAÏD	360	7	18	02	0	1	Sc	17.6		22	26		20		65	15	0	0		PORT SAÏD
	62336	EL 'ARISH	220	2	35	03	1	2	Cu	17.0	+0.9	23	25	-2	14	-1	61	15	0	0	4	EL 'ARISH
LOWER EGYPT	62339	DAMANHÛR	40	5		02	0	0	—	16.8	+1.6	20	26	-2	16	0	73	15	0	0	4	DAMANHÛR
	62342	MANSÛRA	360	5	35	03	0	4	ac	18.2	+1.7	19	27	-1	15	-1	73	14	0	0	3	MANSÛRA
	62348	TANTA	360	2	35	02	0	0	—	19.2	+1.9	18	27	-2	10	-4	83	15	0	0	3	TANTA
	62354	ZAGAZIG	320	2	15	02	1	2	Cu	17.8	+0.8	19	27	-2	14	0	83	16	0	0	2	ZAGAZIG
	62441	ISMAÏLIA	360	2	35	01	1	4	Sc, Cu	17.4		20	27		16		73	15	0	dr.		ISMAÏLIA
CAIRO AREA	62366	FAROUK (Airport)	40	3	12	02	2	5	Sc	18.1		19			15		73	14	0	0		FAROUK (Airport)
	62372	ALMÂZA	40	4	12	01	2	4	Sc	17.9	+1.9	18	29		15		83	15	0	0		ALMÂZA
		EZBEKÎYA	20	2	7	00	0	3	Sc	18.4	+1.5	18			16	0	78	14	0	0	2	EZBEKÎYA
		GÎZA	20	2	7	00	0	3	Sc	18.4	+1.3	18	27	-1	14	0	79	14	0	0	3	GÎZA
	62378	HELWÂN	360	11	15	00	1	1	Cu	17.8	+0.6	19	27	-1	16	-1	73	14	0	0	1	HELWÂN
UPPER EGYPT	62381	FAIYÛM	360	8	35	02	0	0	—	18.0	+1.3	19	28	-2	15	0	73	14	0	0	0	FAIYÛM
	62387	MINYA	10	12	10	00	0	0	—	16.9		18	28		14		83	15	0	0		MINYA
	62393	ASYÛT MANQABÂD	320	5	30	00	0	0	—	17.0		18			12		73	13	0	0		ASYÛT MANQABÂD
	62399	NAG' HAMMÂDI	00	0		00	0	0	—	15.6	+0.3	20	31		14		73	15	0	0		NAG' HAMMÂDI
	62402	QENA	270	2	15	00	0	0	—	15.5	+0.8	19	31	-2	16	0	64	12	0	dr.		QENA
	62405	LUXOR											32							0		LUXOR
	62414	ASWÂN	360	4	50	00	0	0	—	13.8	-0.4	23	33	-1	19	0	47	11	0	0		ASWÂN
OASES	62417	SÎWA	00	0	35	00	0	0	—	20.0	+1.7	18	30	0	13	0	60	10	0	0	0	SÎWA
	62420	BAHARÎYA	360	5	35	02	0	0	—	19.0	+1.5	16	28	-1	15	+1	94	15	0	0	0	BAHARÎYA
	62423	FARAFRA																				FARAFRA
	62432	DAKHLA	320	5	35	00	0	0	—	17.1	+0.5	19	29	-2	15	0	64	12	0	0		DAKHLA
	62435	KHARGA	00	0	35	00	0	0	—	16.7	+1.1	18	30	-2	12	-4	73	13	0	0		KHARGA
RED SEA	62450	SUEZ	00	0	35	00	0	0	—	16.6	+0.5	19	28	-1	17	0	83	16	0	0	2	SUEZ
	62459	TÛR	20	3	35	00	0	0	—	14.9	+0.6	16	27	-1	14	-3	68	10	0	0	1	TÛR
	62462	HURGHÂDA	280	10		00	0	0	—	14.5		22	25		15		57	13	0	0		HURGHADA
	62465	QUSEIR	310	9	15	02	0	0	—	14.4	0.0	24			20	-2	54	14	10	0	0	QUSEIR
	62641	PORT SÛDÂN																		0	13	PORT SÛDÂN
NORTH SÛDÂN	62600	WÂDI HALFA	340	5	30	03	0	1	ac	14.0		21	34		17		31	3	0	0		WÂDI HALFA
	62640	ABU HAMAD	90	9	30	00	0	7		10.3		28	39		24		35	11	0	0		ABU HAMAD
	62660	KAREIMA	20	4	30	00	0	0	—	10.8		26	39		22		23	3	0	dr.	1	KAREIMA
	62680	'ATBARA	70	8	10	01	0	1	ac	9.4		29	39		25		23	6	0	0	2	'ATBARA
	62721	KHARTÛM	340	10	30	03	1	7	ac	7.2		28	40		27		27	7	0	11	4	KHARTÛM
	62780	KASSALA	130	9	30	00	0	0		7.4		31	41		25		33	13	0	4	8	KASSALA
CENTRAL SÛDÂN	62751	WÂD MEDANI	50	5	50	01	1	4	Ci	8.8		30	40		22		38	14	0	7	11	WÂD MEDANI
	62801	RENK	130	2	50	00	0	0	—			27	38		22		58	18	0		44	RENK
	62802	ROSEIRES	200	2	35	02	1	0	—	8.6		29	39		24		52	18	0	47	30	ROSEIRES
	62771	EL OBEID																	0	24	16	EL OBEID
	62760	EL FÂSHER	00	0	30	00	0	1	Ci			21	36		16		35	5	0	1	6	EL FÂSHER
	62770	GENEINA																			4	GENEINA
S. SÛDÂN	62840	MALAKÂL	290	2	30	01	1	6	ac, Ci	9.7		26	35		21		77	22	0	38	76	MALAKÂL
	62880	WÂU	00	0	30	03	2	7	ac, Ci	9.4		28	36		23		66	21	0	164	127	WÂU
	62941	JUBA																	0	41	98	JUBA

HUMIDITY % Mean of day

STATION	on 31st Oct.	Diff. from normal
Alexandria	61	-7
Ezbekîya	64	-3
Gîza	68	-1
Helwân	53	-1

GÎZA
GRASS MINIMUM TEMP. ON 1st Nov. 89 °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 31st At 15h

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	AIRPORT TEMP. °C.	AIRPORT HUMID. %	AIRPORT WIND DIR.	AIRPORT WIND VEL.
1000	140	24	36	60	17
950					
900					
850	1531	11	63	90	10
800					
700	3140	5		90	2
600					
500	5787	-14		230	12
400		-24			
300	9463	-41		230	42

RAWINSONDE — On ____ At ____

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

RAWINSONDE — On ____ At ____

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

UPPER WIND OBSERVATIONS on 31st Oct.

STATION	Hurghada TIME 15 DIR.	Hurghada VEL.	Minya TIME 15 DIR.	Minya VEL.
300 m.	160	10	360	16
600	270	2	10	16
1000	150	4	20	18
1500	170	3	20	9
2000			90	3
3000				
4000				
5000				
6000				
7000				
8000				

UPPER WIND OBSERVATIONS on 1st Nov.

STATION	SÎDI BARÂNI TIME 9 DIR.	SÎDI BARÂNI VEL.	MATRÛH TIME 4 DIR.	MATRÛH VEL.	FOUAD AIRPORT TIME 3 DIR.	FOUAD AIRPORT VEL.	PORT SAÏD DIR.	PORT SAÏD VEL.	EL 'ARÎSH DIR.	EL 'ARÎSH VEL.	HELWÂN TIME 9 DIR.	HELWÂN VEL.	MINYA TIME 4 DIR.	MINYA VEL.	ASYÛT MANQABÂD TIME 9 DIR.	ASYÛT MANQABÂD VEL.	LUXOR DIR.	LUXOR VEL.	ASWÂN TIME 5 DIR.	ASWÂN VEL.	HURGHADA TIME 10 DIR.	HURGHADA VEL.	almaza TIME 4 DIR.	almaza VEL.
300 m.	100	7	60	6	20	8					50	8	60	23	320	9			360	9	360	17	10	19
600	160	9	30	7	30	8					40	6	360	24	350	11			60	9	330	13	30	22
1000	180	4	40	7	40	8					50	10	40	5	340	7			100	9	350	4	50	19
1500	330	6	360	14	30	5					60	2	10	9					120	10	240	3		
2000	340	12			150	4					290	2	330	3					180	5	230	14		
3000											240	9	290	5							210	4		
4000											230	15	290	9										
5000												✓	220	13										
6000																								
7000																								
8000																								

STATION	SÎWA TIME 9 DIR.	SÎWA VEL.	BAHARÎYA TIME 9 DIR.	BAHARÎYA VEL.	DAKHLA DIR.	DAKHLA VEL.	KHARGA TIME 7 DIR.	KHARGA VEL.	WÂDI HALFA TIME 4 DIR.	WÂDI HALFA VEL.	ABÛ HAMAD DIR.	ABÛ HAMAD VEL.	KAREIMA DIR.	KAREIMA VEL.	KHARTÛM DIR.	KHARTÛM VEL.	KASSALA DIR.	KASSALA VEL.	EL OBEID TIME 3 30 DIR.	EL OBEID VEL.	EL FÂSHER DIR.	EL FÂSHER VEL.	MALAKÂL TIME 3 DIR.	MALAKÂL VEL.
300 m.	120	9	30	25			360	12	10	12														
600	230	7	20	21			360	20	30	16													270	3
1000	80	5	350	7			20	20	40	15									20	27			150	3
1500	60	4	20	34			10	9	60	8									30	30			50	10
2000	360	18	10	36			330	3	180	2									30	19			40	20
3000	340	21							10	5									180	9			60	18
4000	330	19																	170	11			70	7
5000																								
6000																								
7000																								
8000																								

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

Note: All times G. M. T.

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

CAIRO

Time of Sunrise 04 10 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 : Thursday 3rd November, , 1949

At 1200 on Wednes. 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
NORTH MEDITERRANEAN	62300	SALUM	140	3	35	03	1	6	ac	14.3	28	40	13
	62303	SÎDI BARÂNI	40	11	35	03	1	3	ac	15.5	24	64	21
	62306	MATRÛH	150	6	18	02	1	2	Ci	15.8	25	42	11
	62309	EL DABA	70	7	35	00	0	0	—	15.2	23	47	12
		ALEXANDRIA	20	5	50	02	1	4	Sc,Cu	16.4	22	57	13
	62318	FOUAD (Airport)											
	62330	DAMIETTA	320	2	15	03	0	1	Cu	16.4	23	61	15
	62333	PORT SA'ID	360	11	30	02	0	2	Sc	16.0	23	65	16
	62336	EL 'ARISH	320	5	35	01	0	2	Cu	16.2	24	61	16
LOWER EGYPT	62339	DAMANHÛR	40	9	15	02	1	2	Cu	16.8	24	54	14
	62342	MANSÛRA	20	5	15	03	1	4	Sc,Cu	16.2	25	54	14
	62348	TANTA	40	2	35	01	1	3	Cu	17.2	25	47	13
	62354	ZAGAZIG	320	5	35	00	0	0	—	15.8	25	54	15
	62441	ISMAÎLIA	20	2	35	63	1	4	Cu	15.2	25	54	15
CENTRAL DELTA AND CAIRO	62366	FAROUK (Airport)											
	62372	ALMÂZA	360	11	30	02	0	1	Cu	15.3	25		
		EZBEKÎYA	20	5	35	00	0	0	—	15.6	25	47	13
		GÎZA	20	5	35	00	0	0	—	15.8	25	48	13
	62378	HELWÂN	360	6	35	02	0	0	—	15.2	25	42	11
UPPER EGYPT	62381	FAIYÛM	360	8	35	02	0	0	—	14.7	26	42	12
	62387	MINYA	10	11	12	00	0	0	—	14.9	27	37	11
	62393	ASYÛT MANQABAD	340	8	30	00	0	0	—	14.1	26	48	14
	62399	NAG' HAMMÂDI	00	0	7	00	0	0	—	12.0	29	52	18
	62402	QENA	270	3	50	00	0	0	—	11.6	29	40	14
	62405	LUXOR											
	62414	ASWÂN	360	4	50	03	2	4	ac	9.8	33	32	14
OASES	62417	SÎWA	180	5	35	00	0	0	—	16.8	29	40	14
	62420	BAHARÎYA	360	4	35	02	0	0	—	16.6	26	65	16
	62423	FARAFRA											
	62432	DAKHLA	20	6	50	00	0	0	—	13.0	27	37	11
	62435	KHARGA	270	4	35	00	0	0	—	12.8	28	33	10
RED SEA	62450	SUEZ	00	0	35	02	0	0	—	14.2	26	64	12
	62459	TÛR	300	13	35	00	0	0	—	12.3	26	52	16
	62462	HURGHÂDA	350	11	50	00	0	0	—	12.0	25	74	20
	62465	QUSEIR	360	19	15	02	0	0	—	12.1	27	70	21
	62641	PORT SUDÂN	70	8	30	01	1	3	Cu	10.4	31	66	24
NORTH SUDÂN	62600	WÂDI HALFA											
	62640	ABU HAMAD	200	1	30	00	0	0	—	6.2	35	25	12
	62660	KAREIMA	330	3	30	00	0	0	—	6.2	37	20	11
	62680	'ATBARA	270	2	30	00	0	0	—	4.2	37	19	10
	62721	KHARTÛM	50	3	30	02	1	4	Cu,Ci	3.6	38	15	7
	62730	KASSALA											
CENTRAL SUDÂN	62751	WÂD MEDANI	360	5	35	02	0	4	Ac	2.8	39	17	10
	62801	RENK	360	5	50	02	1	4	Cs	3.8	39	21	13
	62802	ROSEIRES	200	2	35	02	1	4	Ac		39	21	13
	62771	EL OBEID	20	13	30	02	1	5	Ci	4.8	36	12	2
	62760	EL FÂSHER	360	3	30	01	1	3	Ci		34	9	-4
	62770	GENEINA	110	4	30	01	1	5	Cu,Ci		34	16	5
S. SUDÂN	62840	MALAKÂL	290	2	30	03	1	5	Cu,Ci	4.0	35	39	19
	62880	WÂU	180	4	30	03	2	8	Cu,Ci	5.1	34	39	18
	62941	JUBA	90	5	30	03	2	6	Cu,Ac	3.1	36	42	21

At 1800 on Wednes. 2nd

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms
62300	SALUM	280	4	15	03	2	6	ac	16.6	23	44	10	0
62303	SÎDI BARÂNI	90	3	15	03	2	8	ac	15.0	20	83	17	0
62306	MATRÛH	160	8	13	03	1	5	Ci	16.0	19	73	14	0
62309	EL DABA	320	2	7	03	2	5	St	15.9	17	73	13	0
	ALEXANDRIA	90	6	15	03	2	0	—	16.5	21	65	14	0
62318	FOUAD (Airport)	40	7	12	02	0	0	—	16.5	16	77	12	0
62330	DAMIETTA	320	2		03	1	4	Ca	16.6	21	83	18	0
62333	PORT SA'ID	70	3	18	02	0	2	Sc	16.3	22	69	16	0
62336	EL 'ARISH	20	3	35	01	0	1	Cu	16.2	22	65	15	0
62339	DAMANHÛR	40	5	7	02	0	0	—	17.0	19	83	16	0
62342	MANSÛRA	40	5		00	1	0	—	16.7	20	73	15	0
62348	TANTA	00	0	35	01	1	3	Cu	16.5	18	83	15	0
62354	ZAGAZIG	40	5	35	00	0	0	—	16.3	19	73	14	0
62441	ISMAÎLIA	20	2	35	01	0	0	—	16.4	19	83	16	0
62366	FAROUK (Airport)												
62372	ALMÂZA	40	8	12	00	0	0	—	15.9	20	64	13	0
	EZBEKÎYA	00	0	15	00	0	0	—	16.2	20	73	15	0
	GÎZA	00	0	15	00	0	0	—	16.6	19	83	16	0
62378	HELWÂN	20	11	15	02	0	0	—	16.0	21	57	12	0
62381	FAIYÛM	360	5	35	02	0	0	—	15.5	20	64	13	0
62387	MINYA	00	0	8	00	0	0	—	15.1	17	68	11	0
62393	ASYÛT MANQABAD	320	3	15	00	0	0	—	14.6	20	60	12	0
62399	NAG' HAMMÂDI	00	0		00	0	0	—	13.3	21	65	14	0
62402	QENA	270	2	7	03	0	0	—	13.5	23	50	12	0
62405	LUXOR	00	0	12	02	1	1	Cu	12.5	24	54	14	0
62414	ASWÂN	360	4	50	00	0	0	—	10.7	30	35	13	0
62417	SÎWA	00	0	35	00	0	0	—	16.6	22	50	11	0
62420	BAHARÎYA	360	5	15	03	1	5	Ac	16.0	21	65	14	0
62423	FARAFRA												
62432	DAKHLA	360	6	35	00	0	0	—	14.4	25	28	5	0
62435	KHARGA	00	0	15	00	0	0	—	12.2	24	38	9	0
62450	SUEZ	00	0	15	02	0	0	—	15.1	21	65	14	0
62459	TÛR	310	3	15	00	0	0	—	14.2	22	74	17	0
62462	HURGHÂDA	320	19	50	00	0	0	—	12.9	24	69	18	0
62465	QUSEIR	360	9	15	02	0	0	—	13.4	24	74	19	0
62641	PORT SUDÂN	00	0	30	03	1	1	Cu	12.0	28	74	23	0
62600	WÂDI HALFA	350	3	30	02	0	1	Ac	10.0	28	29	8	0
62640	ABU HAMAD	00	0	30	03	1	5	Ac	7.7	30	33	12	0
62660	KAREIMA	290	6	30	00	0	2	Ac	7.9	31	19	5	0
62680	'ATBARA	340	2	30	03	0	1	Ac	7.2	29	37	13	0
62721	KHARTÛM	330	11	30	01	1	1	Ac	6.6	33	14	2	0
62730	KASSALA												
62751	WÂD MEDANI												
62801	RENK												
62802	ROSEIRES												
62771	EL OBEID	350	8	30	01	1	2	Ac,Ci	7.0	29	12	-3	0
62760	EL FÂSHER	20	4	30	03	1	4	Ci		27	19	1	0
62770	GENEINA	50	3	30	00	1	2	Ci		29	19	3	0
62840	MALAKÂL	100	24	30	01	1	3	Ci	6.8	27	79	23	0
62880	WÂU	00	0	30	01	2	6	Ci	7.6	28	70	22	0
62941	JUBA	290	2	30	13	1	2	Cu,Ci	6.9	25	65	18	0

At 0600 on Thursday 3rd November,

INDEX NUMBER	STATION	WIND 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	TEMPERATURES °C MAXIMUM Yesterday	TEMPERATURES °C MAXIMUM Diff. from normal	TEMPERATURES °C MINIMUM Today	TEMPERATURES °C 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	SALUM	250	4	35	02	1	5	ac	16.2		23	28		17		44	10	0	dr.		SALUM
62303	SÎDI BARÂNI	200	8	15	01	2	7	Cu,ac	16.6		20	26		18		83	17	0	1		SÎDI BARÂNI
62306	MATRÛH	220	6	14	05	5	8	As	16.3		20	26		18		64	13	0	tr		MATRÛH
62309	EL DABA	220	7	5	03	2	8	St.	16.6		17	23		14		73	13	0	0		EL DABA
	ALEXANDRIA	130	6	7	03	2	8	Ci	18.6	+0.9	19	24	-3	18	0	83	16	0	dr.	6	ALEXANDRIA
62318	FOUAD (Airport)	100	5	10	03	1	8	Ac	17.3		18	24		14		88	16	0	0	7	FOUAD (Airport)
62330	DAMIETTA	70	2		11	2	7	ac	17.7	+1.6	20	25		16		66	18	0	dr.	7	DAMIETTA
62333	PORT SA'ID	120	4	14	03	1	6	Sc,Cc	17.5		21	24		20		74	16	0	0		PORT SA'ID
62336	EL 'ARISH	140	2	35	00	2	7	Sc,Cu	17.1	+1.7	19	26	0	13	-2	33	16	0	0	4	EL 'ARISH
62339	DAMANHÛR	40	5	3	02	1	6	As	18.2	+0.9	18	25	-3	16	+1	66	16	0	0	4	DAMANHÛR
62342	MANSÛRA	360	5	7	03	1	8	Ac	18.0	+1.4	19	27	-1	16	0	66	17	0	0	3	MANSÛRA
62348	TANTA	00	0	35	03	2	6	Cu	18.4	+1.0	18	25	-3	11	-3	66	16	0	0	3	TANTA
62354	ZAGAZIG	30	2	15	01	2	2	Sc	17.5	+0.4	19	27	-1	14	0	83	16	0	0	2	ZAGAZIG
62441	ISMAÎLIA	110	2	35	01	1	6	ac	17.4		21	27		15		69	15	0	dr.		ISMAÎLIA
62366	FAROUK (Airport)	90	10	15	03	2	6	Cs	18.6		20			15		78	16	0	0		FAROUK (Airport)
62372	ALMÂZA	70	15	12	02	1	3	Cc	17.0	0.0	20	26		16		73	15	0	0		ALMÂZA
	EZBEKÎYA	340	2	7	00	0	3	Ci	17.2	+0.2	19	26	-2	16	0	78	15	0	0	2	EZBEKÎYA
	GÎZA	340	2	7	00	0	3	Ci	17.8	+0.6	18	26	-1	13	-1	80	15	0	0	3	GÎZA
62378	HELWÂN	70	3	15	00	1	3	Cc	16.4	+0.9	21	26	-1	18	+2	65	14	0	0	1	HELWÂN
62381	FAIYÛM	320	5	35	03	1	4	Ci	17.4	+0.6	19	26	-3	15	0	83	16	0	0	0	FAIYÛM
62387	MINYA	00	0	10	03	0	2	Ci	16.9		15	27		12		77	11	0	0		MINYA
62393	ASYÛT MANQABAD	270	4	30	00	0	4	Ci	16.3		19	27		14		73	14	0	0		ASYÛT MANQABAD
62399	NAG' HAMMÂDI	340	2		02	2	7	Cu,As	15.6	+0.1	20	31		16		64	13	0	0		NAG' HAMMÂDI
62402	QENA	270	3	15	03	1	5	Cc			20	31	-1	18	+2	73	15	0	dr.		QENA
62405	LUXOR	00	0	30	03	1	5	Sc	15.8		23	32		16		57	14	0	0		LUXOR
62414	ASWÂN	320	3	50	16	1	4	Cb	13.4	-1.0	24	34	0	21	+2	65	17	dr.	dr.		ASWÂN
62417	SÎWA	00	0	35	00	0	0	—	17.1	-1.3	21	30	0	14	+2	57	12	0	0	0	SÎWA
62420	BAHARÎYA	00	0	35	02	1	4	Ac	15.0	-2.6	19	27	-1	13	-1	73	14	0	0	0	BAHARÎYA
62423	FARAFRA																				FARAFRA
62432	DAKHLA	320	3	35	00	0	0	—	14.8	-2.0	19	29	-2	15	0	52	9	0	0		DAKHLA
62435	KHARGA	00	0	35	00	0	6	Ac	16.6	+0.8	18	28	-3	16	0	83	15	0	0		KHARGA
62450	SUEZ	00	0	35	00	0	4	Ac	16.0	-0.2	20	27	-2	16	-1	73	15	0	0	2	SUEZ
62459	TÛR	20	2	15	10	0	2	Ci	14.3	-0.8	18	27	-4	15	-1	73	13	0	0	1	TÛR
62462	HURGHÂDA	300	16	50	03	1	6	Cb	14.0		23	25		17		61	15	0	0		HURGHÂDA
62465	QUSEIR	360	9	15	00	2	5	As	13.3	-1.2	26			22	+1	48	14	0	0	0	QUSEIR
62641	PORT SUDÂN	310	4	30	03	1	3	Cs	13.5		29	33		24		70	23	0	0	16	PORT SUDÂN
62600	WÂDI HALFA	350	11	50	01	1	3	Ac	12.5		24	34		21		26	3	0	0		WÂDI HALFA
62640	ABU HAMAD	130	1	30	00	0	0	—	10.4		27	37		22		33	9	0	0		ABU HAMAD
62660	KAREIMA	340	3	30	00	0	0	—	10.9		26	38		24		28	6	0	dr.	1	KAREIMA
62680	'ATBARA	70	15	10	00	0	0	—	10.2		27	39				42	13	0	0	2	'ATBARA
62721	KHARTÛM	10	8	18	01	1	1	Ac	9.4		29	39		25		25	7	0	11	4	KHARTÛM
62730	KASSALA	130	5	30	00	0	0	—	8.4		30	40		25		38	14	0	4	8	KASSALA
62751	WÂD MEDANI	50	9	50	02	0	0	—	9.3		28	40		21		33	10	0	7	11	WÂD MEDANI
62801	RENK	360	9	50	02	0	1	Ci	8.8		28	40		21		40	13	0		44	RENK
62802	ROSEIRES	160	2	35	00	0	0	—	10.6		26	40		21		58	17	0	47	31	ROSEIRES
62771	EL OBEID	20	12	30	03	1	5	Ac	9.9		27	36		22		23	4	0	24	16	EL OBEID
62760	EL FÂSHER	00	0	30	00	0	0	—			19	36		15		28	0	0	1	6	EL FÂSHER
62770	GENEINA	20	14	30	00	0	2	Ci			22	36		16		16	-5	0		4	GENEINA
62840	MALAKÂL	340	2	30	01	2	5	Ac	9.9		25	35		22		84	22	0	36	77	MALAKÂL
62880	WÂU	150	3	14	00	1	1	Ac	9.5		25	35		22		79	21	0	164	130	WÂU
62941	JUBA	180	2	30	01	2	3	Ac,Ci	9.9		25	39		23		70	19	0	41	102	JUBA

HUMIDITY % Mean of day

STATION	on 2nd	Diff. from normal
Alexandria	59	-9
Ezbekiya	70	+3
Giza	73	+4
Helwân	65	+10

GÎZA

GRASS MINIMUM TEMP. ON 3rd 7.9 °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.
On ..... At	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.
On ..... At	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.
On ..... At	1000					
	950					
	900					
	850					
	800					
	700					
	600					
	500					
	400					
	300					

UPPER WIND OBSERVATIONS on 2nd

STATION	Matruh		Port Said		Minya		Hurghada																	
TIME	15		14 30		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	100	18			10	10			350	19			350	8										
600	130	15			20	11			10	14			360	2										
1000	160	16			40	12			30	11			310	5										
1500	180	12			330	3			350	12			270	2										
2000	160	12			270	7			350	20														
3000	220	16			280	10																		
4000					290	16																		
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		
TIME	5		8 30				3				9 15		4		9				5					
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	240	12	240	4			60	9			30	9	360	19	10	6			20	14				
600	240	11	220	2			70	10			60	7	10	22	30	10			170	19				
1000	220	13	140	3			60	9			30	17	360	23	50	7			80	30				
1500	190	18					10	12			20	17			240	3			60	17				
2000	200	25									350	13			360	3			170	12				
3000	210	29									340	6			180	3			150	20				
4000	210	23									300	2			220	12								
5000											250	19												
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABU HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9				7														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	11	60	10			330	15																
600	220	15	60	5			20	21															270	7
1000	220	12	70	16			30	15													280	7	270	7
1500	200	16	80	26			110	4													50	22	60	5
2000	200	20	70	20			170	5																
3000	220	20	70	20			220	10													170	5	50	15
4000	240	9	70	8																				
5000																								
6000																								
7000																								
8000																								

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

Note: All times G. M. T.

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

CAIRO

Time of Sunrise 04 09 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 : Wednesday 2nd November, , 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.	RAIN PAST 12 hrs mms.
MEDITERRANEAN	62300	SALÛM	40	11	35	03	0	2	Ac,Ci	16.9	24	61	16	0
	62303	SÎDI BARÂNI	70	7	35	00	2	0	—	17.4	22	83	19	0
	62306	MATRÛH	60	8	18	01	1	1	Cu	17.2	23	50	12	0
	62309	EL DABA	360	6	35	02	2	3	Cu	16.7	23	74	18	0
		ALEXANDRIA	360	6	50	03	2	5	Cu	17.2	23	50	12	0
	62318	FOUAD (Airport)	340	11	18	02	1	4	Cu	16.9	24	57	15	
	62330	DAMIETTA	320	5	15	03	1	5	Cu	16.3	23	65	16	0
	62333	PORT SA'ÎD												
	62336	EL 'ARISH	320	2	35	02	1	2	Cu	15.8	25	54	15	0
LOWER EGYPT	62339	DAMANHUR	40	9	15	02	1	3	Cu	16.8	25	54	15	0
	62342	MANSURA	320	9	35	02	2	4	Cu	16.6	26	48	14	0
	62348	TANTA	310	8	35	01	1	3	Cu	17.0	25	47	13	0
	62354	ZAGAZIG	40	5	35	02	1	2	Cu	15.4	26	48	14	0
	62441	ISMA'ÎLIA	360	2	35	03	1	5	Cu	15.0	26	48	14	0
CAIRO AREA	62366	FAROUK (Airport)	40	10	30	02	1	3	Sc	15.6	26	42	12	
	62372	ALMÂZA	360	9	15	01	2	2	Cu	15.0	26	45	13	0
		EZBEKÎYA	20	5	35	00	0	2	Cu	15.4	26	48	14	0
		GÎZA	20	5	35	00	0	2	Cu	15.6	27	42	12	0
	62378	HELWÂN	360	10	15	02	1	2	Cu	14.6	26	51	10	0
UPPER EGYPT	62381	FAIYÛM	360	8	35	02	0	0	—	14.7	26	42	12	0
	62387	MINYA	360	9	12	00	0	0	—	14.3	28	40	13	0
	62393	ASYÛT MANQABAT	320	5	30	00	0	0	—	13.9	26	48	14	
	62399	NAG' HAMMÂDI	360	1	15	00	0	0	—	13.1	29	40	14	0
	62402	QENA	290	3	50	00	0	0	—	12.2	29	40	14	0
	62405	LUXOR												
	62414	ASWÂN	340	4	50	00	0	0	—	10.4	33	38	17	0
OASES	62417	SÎWA	00	0	35	00	0	0	—	18.2	28	45	15	0
	62420	BAHARÎYA	360	4	35	02	0	0	—	16.4	25	54	15	0
	62423	FARAFRA												
	62432	DAKHLA	320	6	50	00	0	0	—	14.6	27	37	11	0
	62435	KHARGA	360	1	35	00	0	0	—	14.2	28	27	7	0
RED SEA	62450	SUEZ	360	3	35	02	0	0	—	14.3	26	42	12	0
	62459	TÛR	310	8	35	00	0	0	—	12.8	26	51	15	0
	62462	HURGHÂDA	360	11		00	0	0	—	12.2	25	74	20	
	62465	QUSEIR	360	9	15	02	0	0	—	12.3	26	74	21	0
	62641	PORT SÛDÂN												
NORTH SÛDÂN	62600	WÂDI HALFA												
	62640	ABU HAMAD												
	62660	KAREIMA												
	62680	'ATBARA	110	5	30	03	0	1	Cu	4.4	38	18	10	
	62721	KHARTÛM	360	7	15	02	0	2	Cu,Ci	4.3	39	16	9	
	62730	KASSALA	110	2	30	00	0	8		3.2	40	14	8	
CENTRAL SÛDÂN	62751	WÂD MEDANI												
	62801	RENK	130	9	50	02	0	2	Sc	4.0 ?	37	33	18	
	62802	ROSEIRES	340	2	35	02	1	4	Ac	2.0	37	27	15	
	62771	EL OBEID	20	13	30	01	2	7	Ac	3.8	37	10	0	
	62760	EL FÂSHER	20	2	30	00	1	1	Ci		35	18	7	
	62770	GENEINA	70	5	30	01	1	6	Ci		33	14	2	
S. SÛDÂN	62840	MALAKÂL	50	2	30	02	2	8	Cu,Ac	4.3	35	44	21	
	62880	WÂU	280	4	30	03	2	7	Cb,Ci	4.6	35	35	17	
	62941	JUBA	50	5	30	03	1	5	Cu,Cs	2.9	36	31	16	

At 1800 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.	RAIN PAST 12 hrs mms.
MEDITERRANEAN	62300	SALÛM	110	15	15	02	0	2	Ac	18.0	21	74	16	0
	62303	SÎDI BARÂNI	70	8	15	03	2	8	As	18.2	20	83	17	0
	62306	MATRÛH	70	2	12	02	0	1	Cu	18.8	19	73	14	0
	62309	EL DABA	360	3	7	00	0	0	—	17.4	19	73	14	0
		ALEXANDRIA	360	9	15	01	1	3	Cu	17.9	20	64	13	0
	62318	FOUAD (Airport)												
	62330	DAMIETTA	320	2		01	0	1	Cu	14.4	20	83	17	0
	62333	PORT SA'ÎD	350	8	15	01	0	1	Sc	17.0	22	65	15	0
	62336	EL 'ARISH	320	2	15	01	1	2	Cb.	17.0	22	65	15	0
LOWER EGYPT	62339	DAMANHUR	40	9	7	02	0	0	—	17.8	19	83	16	0
	62342	MANSURA	320	5		00	1	0	—	17.8	18	83	15	0
	62348	TANTA	00	0	35	02	1	0	—	18.4	18	73	13	0
	62354	ZAGAZIG	40	2	35	00	1	0	—	17.1	19	83	16	0
	62441	ISMA'ÎLIA	20	2	35	01	0	0	—	18.2	20	64	13	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMÂZA	20	11	12	00	0	0	—	17.1	20	69	14	0
		EZBEKÎYA	15	4	15	00	0	0	—	16.8	20	73	16	0
		GÎZA	20	4	15	00	0	0	—	17.6	20	80	17	0
	62378	HELWÂN	340	18	15	02	0	0	—	16.6	21	65	14	0
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0	—	16.0	22	50	11	0
	62387	MINYA	00	0	10	00	0	0	—	16.0	18	73	13	0
	62393	ASYÛT MANQABAT												
	62399	NAG' HAMMÂDI				00	0	0	—	13.6	20	73	15	0
	62402	QENA	270	2	7	00	0	0	—	12.7	24	38	9	0
	62405	LUXOR	180	3	12	00	0	0	—	13.2	24	32	6	0
	62414	ASWÂN	360	5	50	00	0	0	—	12.0	31	31	12	0
OASES	62417	SÎWA	00	0	35	00	0	0	—	18.2	22	36	6	0
	62420	BAHARÎYA	00	0	15	00	0	0	—	17.2	20	56	11	0
	62423	FARAFRA												
	62432	DAKHLA	320	6	35	00	0	0	—	16.4	23	38	8	0
	62435	KHARGA	00	0	15	00	0	0	—	13.5	25	34	8	0
RED SEA	62450	SUEZ	360	11	15	02	0	0	—	15.1	21	65	14	0
	62459	TÛR	00	0	15	00	0	0	—	13.6	22	74	17	0
	62462	HURGHÂDA												
	62465	QUSEIR	360	5	15	02	0	0	—	13.8	24	84	21	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 Wednesday 2nd November,

AREA	INDEX NUMBER	STATION	WIND 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	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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.
MEDITERRANEAN	62300	SALÛM	00	0	15	20	5	6	As	16.2		20	25		15		73	15	dr.	dr.	
	62303	SÎDI BARÂNI	140	10	15	01	0	3	Ac	17.0		18	24		14		83	15	0	1	
	62306	MATRÛH	00	0	18	02	1	3	Cu	17.7		18	24		11		78	14	0	tr.	
	62309	EL DABA	270	2	15	00	0	0	—	18.0		17	25				77	13	0	0	
		ALEXANDRIA	00	0	15	04	2	5	Sc,Cu,Ac	17.5	-0.1	22	24	-3	18	0	57	13	0	dr.	7
	62318	FOUAD (Airport)	250	3	14	01	1	2	Sc	16.2		23			13		61	15	0	0	6
	62330	DAMIETTA	200	2		11	0	0	—	17.4	+1.1	19	23		15		23	16	0	dr.	6
	62333	PORT SA'ÎD	350	4	15	02	0	1	Sc	16.4		22	26		20		65	15	0	0	
	62336	EL 'ARISH	220	5	35	03	1	4	Cb	16.7	+0.6	23	26	-1	16	+1	53	13	0	0	4
LOWER EGYPT	62339	DAMANHUR	270	5	3	02	1	1	Cu	17.9	+0.6	17	26	-2	13	-2	82	15	0	0	4
	62342	MANSURA	360	2	35	00	0	0	—	17.1	+0.5	20	28	0	14	-2	73	15	0	0	3
	62348	TANTA	00	0	35	02	0	0	—	18.2	+0.9	16	26	-2	10	-4	88	14	0	0	3
	62354	ZAGAZIG	320	2	15	00	0	0	—	17.1	0.0	19	28	-1	13	-1	95	19	0	0	2
	62441	ISMA'ÎLIA	180	2	35	01	0	0	—	16.7		18	27		15		83	15	0	dr.	
CAIRO AREA	62366	FAROUK (Airport)	290	2	12	03	1	2	Cu,Cs	17.2		18			14		73	13	0	0	
	62372	ALMÂZA	00	0	12	01	1	2	Ac	17.0	+0.1	18	26		14		78	14	0	0	
		EZBEKÎYA	00	0	7	00	0	0	—	17.5	+0.6	17	27	-1	14	-2	83	14	0	0	2
		GÎZA	00	0	7	00	0	0	—	17.4	+0.3	18	27	0	13	-1	76	13	0	0	3
	62378	HELWÂN	20	3	7	00	0	1	Sc	17.2	0.0	17	26	-2	15	-1	77	13	0	0	1
UPPER EGYPT	62381	FAIYÛM	360	8	35	02	0	0	—	17.8	+1.0	19	26	-3	13	-2	71	14	0	0	0
	62387	MINYA	360	3	10	00	0	0	—	16.6		17	28		14		72	12	0	0	
	62393	ASYÛT MANQABAT	320	5	30	00	0	0	—	16.6		18			14		78	14	0	0	
	62399	NAG' HAMMÂDI	320	2	7	00	0	0	—	15.5	+0.1	20	30		15		75	15	0	0	
	62402	QENA	270	3	15	00	0	0	—	15.4	+0.6	19	30	-3	15	-1	73	14	0	dr.	
	62405	LUXOR	00	0	30	02	0	0	—	14.6		22	32		16		57	13	0	0	
	62414	ASWÂN	340	9	50	03	1	3	Ac	13.8	-0.5	23	34	0	20	+1	53	13	0	0	
OASES	62417	SÎWA	140	6	35	00	0	0	—	18.0	-0.4	18	27	-1	13	+1	60	10	0	0	0
	62420	BAHARÎYA	360	2	35	02	0	0	—	17.6	0.0	19	26	-3	12	-2	73	14	0	0	0
	62423	FARAFRA																			
	62432	DAKHLA	00	0	35	00	0	0	—	17.2	+0.5	18	28	-3	14	-1	60	10	0	0	
	62435	KHARGA	00	0	35	00	0	0	—	16.6	+0.9	19	27	-2	16	0	64	12	0	0	
RED SEA	62450	SUEZ	00	0	35	00	0	0	—	15.9	-0.3	19	27	-2	16	-1	83	16	0	0	2
	62459	TÛR	20	3	35	00	0	0	—	14.3	-0.7	16	27	-1	15	-1	68	10	0	0	1
	62462	HURGHÂDA	290	8	50	00	0	0	—	14.1		22			17		65	15	0	0	
	62465	QUSEIR	330	9	15	02	0	0	—	14.2	-0.3	24			21	-1	61	16	0	0	0
	62641	PORT SÛDÂN	300	6	30	01	1	4	Sc	12.6		29	32		24		70	23	0	0	14
NORTH SÛDÂN	62600	WÂDI HALFA	360	10	30	03	1	5		12.9		22	35		19		31	4	0	0	
	62640	ABU HAMAD	110	1	30	00	0	0	—	9.8		27	39		24		45	14	0	0	
	62660	KAREIMA	20	6	30	00	0	0	—	10.2		27	39		23		23	4	0	dr.	1
	62680	'ATBARA	90	5	30	03	1	5	Ac	9.1		27	39		23		40	12	0	0	2
	62721	KHARTÛM	350	12	30	02	0	2	Ac	8.1		28	34		25		25	6	0	11	4
	62730	KASSALA	110	5	30	00	0	0	—	7.3		31	41		26		33	13	0	4	8
CENTRAL SÛDÂN	62751	WÂD MEDANI	50	5	35	00	0	0	—	8.4		29	40		21		31	10	0	7	11
	62801	RENK	360	13	35	01	0	1	Ci	8.6		29	39		23		43	15	0		44
	62802	ROSEIRES	50	2	35	02	0	0	—	8.4		25	38		20		65	18	0	47	31
	62771	EL OBEID	340	12	30	02	1	3	Ac	8.0		25	37		22		18	-1	0	24	16
	62760	EL FÂSHER	00	0	30	01	1	3	Ci			20	36		14		35	4	0	1	6
	62770	GENEINA	50	10	30	01	0	4	Ci			21	35		16		16	-6	0		4
S. SÛDÂN	62840	MALAKÂL	340	5	30	03	1	7	Ac,Ci	9.4		25	36		22		84	22	0	38	77
	62880	WÂU	200	3	30	02	2	8	Ac	9.1		24	35		22		79	20	0	164	129
	62941	JUBA	180	5	30	02	2	8	Ac,Cs	10.0		25	37		21		74	20	0	41	101

HUMIDITY % Mean of day

STATION	on 1st	Diff. from normal
Alexandria	57	-11
Ezbekiya	68	+1
Giza	73	+4
Helwân	60	+5

GÎZA

GRASS MINIMUM TEMP ON 2nd 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			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

	On 1st At 15h. AIRPORT					On At AIRPORT					On At AIRPORT				
PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.	PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.	PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	132	24	47	10	9	1000						1000					
950						950						950					
900						900						900					
850	1520	12	77	60	11	850						850					
800						800						800					
700	5730	6	31	230	14	700						700					
600						600						600					
500	5780	-15		240	24	500						500					
400		-26				400						400					
300	9443	-42		250	66	300						300					

UPPER WIND OBSERVATIONS on 1st

STATION	Hurghada				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.
300	20	9			360	16																		
600	60	2			360	16																		
1000	90	2			360	15																		
1500	180	1			340	15																		
2000	210	15																						
3000	240	18																						
4000	250	16																						
5000	240	25																						
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 2nd

STATION	SÎDI BARÂNI		MATRÛH		BOUAD AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABAD		LUXOR		ASWÂN		HURGHADA		Almaza	
TIME	9		9								9		3		9		8 30		5		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	150	12									30	17	10	21	340	7	30	3	10	16	350	23	10	13
600	150	13	20	8							40	13	360	17	350	10	80	8	20	16	330	17	20	11
1000	60	9	50	11							60	13	360	13	350	10	20	13	50	13	330	21	40	23
1500	170	17	140	11							40	4	350	9	50	6	190	4	60	10			40	8
2000	200	19	140	9							310	9	340	15	270	5	240	8	160	5			50	5
3000	220	21									300	10			240	5	220	20	220	3			330	3
4000	250	27									330	14			240	4								
5000											300	12			260	18								
6000											290	15			260	19								
7000															260	35								
8000															260	32								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9				7		4						4		3				4 30			
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	140	14	30	9			10	11	10	18														
600	160	14	50	6			360	20	30	22					20	20	170	10						
1000	170	16	60	12			30	23	40	25					20	27	90	11			30	5		
1500	190	12	30	21			310	6	40	15					30	19	20	13						
2000	210	10	20	32			230	3									320	7						
3000	260	15	20	25											360	3	220	6						
4000	270	18																						
5000	280	22																						
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of 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.

CAIRO

Time of Sunrise 04 11 G.M.T.

" " Sunset 15 06 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date : Friday 4th November, 1949

AREA	INDEX NUMBER	STATION	At 1200 on Thur 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	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	At 1800 on Thurs. 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	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.	STATION
MEDITERRANEAN	62300	SALÛM	40	10	35	01	0	1	Cu	16.6	24	69	18	360	10	15	03	1	4	Cu		22	65	15	0	SALUM
	62303	SÎDI BARÂNI	320	7	50	01	1	1	Ac	16.2	24	74	19	110	6	15	03	1	4	Cu		22	78	18	0	SÎDI BARÂNI
	62306	MATRÛH	90	6	18	01	5	3	Ci	15.0	28	42	14	40	4	12	06	1	2	Ac	14.3	19	83	16	0	MATRÛH
	62309	EL DABA	40	7	35	03	2	4	Cu	16.0	25	54	15	90	8	12	00	0	0	—	16.9	20	83	17	0	EL DABA
		ALEXANDRIA	90	5	50	02	2	7	Sc,Cu	17.0	26	55	16	90	10	15	00	0	0	—		20	73	15	0	ALEXANDRIA
	62318	FOUAD (Airport)	70	10	18	02	2	7	Ac,Ci	16.8	25	51	14	40	3	14	02	1	0	—	18.1	18	74	16	0	FOUAD (Airport)
	62330	DAMIETTA	360	5	7	02	2	7	Ac	16.3	23	65	16	40	2		01	1	3	Ac	18.6	21	83	18	0	DAMIETTA
	62333	PORT SA'ID												70	9	18	02	1	0	—	17.8	22	69	16	0	PORT SA'ID
	62336	EL 'ARISH	20	5	35	02	2	7	Fs,Fc	16.7	23	65	16	20	2	15	01	1	1	Ac	18.6	22	66	15	0	EL 'ARISH
LOWER EGYPT	62339	DAMANHÛR	40	5	15	02	1	7	As	17.5	25	61	17	40	9	7	02	1	2	As	18.3	19	83	16	0	DAMANHÛR
	62342	MANSÛRA	40	9	15	02	2	6	Ac	17.2	25	61	17	40	5		00	1	0	—	18.8	19	83	16	0	MANSÛRA
	62348	TANTA	40	5	35	03	2	8	Ac	17.9	26	54	15	90	2	35	01	2	3	Cu	19.2	19	83	16	0	TANTA
	62354	ZAGAZIG	40	5	35	02	1	4	Sc	16.4	26	48	14	40	9	35	00	1	0	—	18.3	19	88	17	0	ZAGAZIG
	62441	ISMA'ILÎA	40	2	35	03	1	6	Ac,Ci	16.2	26	48	14	20	2	35	01	0	0	—	17.6	20	78	15	0	ISMAÎLÎA
CAIRO AREA	62366	FAROUK (Airport)	40	10	30	02	1	3	Cs	13.8	27	35	10													FAROUK (Airport)
	62372	ALMÂZA	40	11	30	02	1	2	Ci	15.5	28	33	10	40	11	12	01	0	0	—	18.0	22	65	15	0	ALMÂZA
		EZBEKÎYA	40	4	35	00	0	5	Ci	15.8	28	37	12	40	6	15	00	0	0	—	18.0	21	74	16	0	EZBEKÎYA
		GÎZA	40	4	35	00	0	5	Ci	16.0	29	36	12	40	6	15	00	0	0	—	18.2	22	74	17	0	GÎZA
	62378	HELWÂN	20	8	35	01	2	2	Cc	15.0	29	23	6	40	15	15	01	1	0	—	17.6	22	50	11	0	HELWÂN
UPPER EGYPT	62381	FAIYÛM	320	5	35	02	1	4	Ci	15.0	30	31	11	320	2	35	01	0	0	—	16.4	23	50	12	0	FAIYÛM
	62387	MINYA	360	8	12	00	1	0	—	15.0	30	31	11	00	0	10	00	1	0	—	16.3	19	52	9	0	MINYA
	62393	ASYÛT MANQABÂD																								ASYÛT MANQABÂD
	62399	NAG' HAMMÂDI	270	1	7	01	0	9	As	12.6	29	46	16	00	0		02	1	4	Ac	14.0	23	65	16	0	NAG' HAMMÂDI
	62402	QENA	270	2	35	03	2	7	Ac	12.6	27	62	19	270	2	7	01	2	3	Ci	14.3	24	54	14	0	QENA
	62405	LUXOR												90	4	12	02	2	5	Sc	13.5	25	39	10	0	LUXOR
	62414	ASWÂN	340	5	50	01	1	4	As	10.4	35	39	19	360	5	50	00	0	0	—	12.3	33	34	15	0	ASWÂN
OASES	62417	SÎWA	00	0	35	00	0	0	—	16.3	30	35	13	00	0	35	00	0	0	—	18.2	22	57	13	0	SÎWA
	62420	BAHARÎYA	360	3	35	02	1	4	Ac	15.4	31	49	19	90	5	15	02	1	0	—	17.0	23	61	15	0	BAHARÎYA
	62423	FARAFRA																								FARAFRA
	62432	DAKHLA	320	6	50	00	0	0	—		30	25	8	320	6	35	00	0	0	—	13.6	28	22	4	0	DAKHLA
	62435	KHARGA	360	2	35	00	0	0	—	13.1	32	20	6	00	0	15	00	0	3	Ac	13.4	28	22	4	0	KHARGA
RED SEA	62450	SUEZ	00	0	35	01	0	3	Cu	14.8	27	42	13	00	0	15	01	0	0	—	17.2	21	74	16	0	SUEZ
	62459	TÛR	310	19	15	00	0	6		13.9	25	70	19	310	16	15	00	0	3	Ac	15.0	21	74	16	0	TÛR
	62462	HURGHÂDA																								HURGHADA
	62465	QUSEIR	360	13	15	03	2	8	Ac	14.0	27	62	19	310	9	15	02	2	8	Ac	14.8	24	84	21	0	QUSEIR
	62641	PORT SÛDÂN	40	10	30	02	1	3	Cu	12.0	31	66	24													PORT SÛDÂN
NORTH SÛDÂN	62600	WÂDI HALFA	360	9	50	00	0	0	—	9.3	33	30	13													WÂDI HALFA
	62640	ABU ḤAMAD	280	1	30	00	0	0	—	6.3	37	17	8													ABU ḤAMAD
	62660	KAREIMA	290	4	30	00	0	0	—	6.5	37	10	0													KAREIMA
	62680	'ATBARA	340	5	30	03	0	1	Cu	5.8	38	15	7													'ATBARA
	62721	KHARTÛM	40	5	30	03	0	1	Cu	5.5	38	15	7													KHARTÛM
	62730	KASSALA	130	5	30	00	0	0	—	4.3	39	16	9													KASSALA
CENTRAL SÛDÂN	62751	WÂD MEDANI	90	5	35	02	0	2	Cu	4.3	39	35	6													WÂD MEDANI
	62801	RENK	50	9	50	02	1	4	Sc	4.4	38	18	10													RENK
	62802	ROSEIRES	70	2	7	02	1	4	Ac	3.4	38	25	15													ROSEIRES
	62771	EL OBEID	50	13	30	03	0	1	Cs	5.8	35	13	13													EL OBEID
	62760	EL FÂSHER	00	0	15	00	0	1	Ci		35	10	-1													EL FÂSHER
	62770	GENEINA	90	7	30	01	1	3	Ac		35	9	-2													GENEINA
S. SÛDÂN	62840	MALAKÂL	250	1	30	02	0	1	Cb	5.3	35	35	17													MALAKÂL
	62880	WÂU	310	2	30	03	0	6	Cu	6.4	35	53	24													WÂU
	62941	JUBA	130	5	30	03	1	6	Cb	4.7	37	27	15													JUBA

At 0600 on Friday 4th November,	WIND 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	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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
	40	8	15	03	1	5	Cu	19.2		23	29?		18		65	16	0	dr.		SALUM
	00	0	15	01	0	0	—	20.6		21	27		16		88	19	0	1		SÎDI BARÂNI
	170	2	14	02	1	2	Cu	20.2		19	30		14		60	11	0	tr.		MATRÛH
	110	4	15	00	0	0	—	19.5		18	26		12		83	15	0	0		EL DABA
	130	10	35	03	2	6	St	21.1	+3.4	22	27	+1	18	0	74	17	0	dr.	9	ALEXANDRIA
	90	5	14	04	0	1	Sc	20.2		20	26		14		88	18	0	0	8	FOUAD (Airport)
	70	2		11	0	0	—	20.2	+3.8	23	24		17		74	18	0	dr.	7	DAMIETTA
											26							0		PORT SA'ID
	00	0	35	00	0	0	—	19.4	+3.1	19	24	-2	14	-1	83	16	0	0	5	EL 'ARISH
	40	5	3	02	0	0	—	18.8	+1.4	18	26	-2	16	+1	88	16	0	0	5	DAMANHÛR
	360	2	35	00	0	0	—	20.4	+3.8	20	27	-1	16	0	88	18	0	0	3	MANSÛRA
	130	2	35	02	0	0	—	20.4	+2.9	19	27	-1	11	-3	88	17	0	0	3	TANTA
	40	2	15	00	0	0	—	19.9	+2.8	19	27	-1	14	0	88	17	0	0	2	ZAGAZIG
	140	2	35	02	0	0	—	18.6		19	27		15		83	16	0	dr.		ISMAÎLÎA
	70	12	12	00	0	0	—	19.4		19			16		83	16	0	0		FAROUK (Airport)
	40	12	14	00	0	0	—	17.3	+2.3	19	28		15		83	16	0	0		ALMÂZA
	40	4	7	00	0	0	—	19.1	+2.1	18	30	+2	15	-1	88	16	0	0	2	EZBEKÎYA
	40	4	7	00	0	0	—	19.6	+2.4	18	29	+2	14	0	84	16	0	0	3	GÎZA
	40	5	7	00	0	0	—	19.2	+1.9	22	30	+3	18	+2	50	11	0	0	1	HELWÂN
	00	0	35	02	0	0	—	19.2	+2.3	19	31	+2	15	0	73	14	0	0	0	FAIYÛM
	360	2	10	00	0	0	—	18.8		18	30		12		73	13	0	0		MINYA
	320	5	30	00	0	0	—	17.7		20			15		56	11	0	0		ASYÛT MANQABÂD
	00	0	7	00	0	3	Ac	16.6	+1.1	23	30		16		61	15	0	0		NAG' HAMMÂDI
	320	2	15	03	2	5	Ac	16.6	+1.6	23	29	-3	19	+3	65	16	0	dr.		QENA
	320	5	30	03	2	6	St.	16.1		22	31		20		61	14	0	0		LUXOR
	20	4	50	01	1	3	Sc,Cu	15.1	+0.6	25	36	+2	22	+3	54	15	0	dr.		ASWÂN
	00	0	35	00	0	0	—	18.7	+0.3	17	30	+1	12	0	60	9	0	0	0	SÎWA
	00	0	35	02	0	0	—	19.5	+1.8	20	31	+3	12	-1	73	15	0	0	0	BAHARÎYA
																				FARAFRA
	00	0	35	00	0	0	—			21	32	+1	14	-1	41	7	0	0		DAKHLA
	360	2	25	00	0	0	—	17.1	+1.2	22	32	+1	18	+2	41	8	0	0		KHARGA
	290	5	35	00	0	0	—	18.8	+2.5	19	30	+1	15	-2	83	16	0	0	2	SUEZ
	310	7	15	00	0	3	Sc,Cu,Ci	15.5	+0.4	22	27	0	18	+2	83	19	0	0	1	TÛR
																		0		HURGHADA
	360	9	15	00	2	4	Cu	14.3	-0.3	26			22	+1	55	16	0	0	0	QUSEIR
	130	10	10	01	1	2	Cu	15.1		29	33		23		70	23	0	0	17	PORT SÛDÂN
	360	5	30	01	0	1	Sc,Cu	13.5		24					34	7	0	0		WÂDI HALFA
																		0		ABU ḤAMAD
																		dr.	1	KAREIMA
	50	9	10	00	0	0	—	12.2		28	39		22		37	12	0	0	2	'ATBARA
	20	10	30	02	0	0	—	11.3		29	39		25		31	10	0	11	4	KHARTÛM
																		4	8	KASSALA
	40	5	50	00	0	0	—	11.2		28	39		22		40	13	0	7	11	WÂD MEDANI
	130	5	50	02	1	2	Ci	9.7		26	39		22		62	18	0		44	RENK
			35	00	0	0	—	9.6		24	39		19		69	18	0	47	31	ROSEIRES
	20	10	30	03	0	4	Ci	11.8		26	37		22		16	-2	0	24	16	EL OBEID
	360	8	30	01	0	4	Ci			21	36		16		28	2	0	1	6	EL FÂSHER
																	0		4	GENEINA
	310	4	30	02	2	7	Ac	11.1		26	36		23		79	22	0	38	78	MALAKÂL
	170	12	30	01	2	4	Ac	11.2		24	35		21		89	22	0	164	131	WÂU
			30	02	1	0	—	11.9		25	37		18		70	19	0	41	103	JUBA

HUMIDITY

Mean of day %

STATION	3rd	Diff. from normal
Alexandria	73	+5
Ezbekiya	67	0
Giza	70	0
Helwân	49	-6

GÎZA

GRASS MINIMUM TEMP. ON 4th 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

	PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
On 3rd At 15h. AIRPORT	1000	140	25	41	50	16
	950					
	900					
	850	1551	16	39	10	15
	800					
	700	3167	12	21	280	6
	600					
	500	5804	-5		220	32
	400		-26			
	300	9066	-42		220	31
On ..... At ..... AIRPORT	1000					
	950					
	900					
	850					
	800					
	700					
	600					
	500					
	400					
	300					
On ..... At ..... AIRPORT	1000					
	950					
	900					
	850					
	800					
	700					
	600					
	500					
	400					
	300					

UPPER WIND OBSERVATIONS on 3rd

STATION	Port Said				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.
300	40	14			10	20																		
600	50	13			20	20																		
1000	40	8			30	17																		
1500	350	10			20	17																		
2000	350	10			80	10																		
3000	330	11																						
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 4th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		NURGHADA		Al Ghaga	
TIME	9		9				3						3										4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	80	15	100	13			60	14					360	4	320	5							60	34
600	90	17	90	13			60	14					10	7	40	12							80	36
1000	110	15	100	10			40	16					20	9	40	16							40	30
1500	130	8					30	7					30	10	60	14							30	26
2000	150	10													30	10							30	22
3000	170	6													190	3								
4000																								
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ ḤAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9				7		4						4		3 30				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	6	110	14			20	16	350	11														
600	140	5	90	20			50	18							30	15	90	13					270	3
1000	180	7	80				50	21	40	8					30		100	13			350	9	260	4
1500	210	20	70												40	24	30	16			60	21	20	3
2000	210	10	70	19											30	12	90	6						
3000	250	10	60														130	5			130	4	60	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).

CAIRO

Time of Sunrise 04 10 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 : Thursday 3rd November, 1949

At 1200 on Wednes. 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	140	3	35	03	1	6	ac	14.3	28	40	13
	62303	SIDI BARANI	40	11	35	03	1	3	ac	15.5	24	64	21
	62306	MATRUH	150	6	18	02	1	2	Ci	15.8	25	42	11
	62309	EL DABA	70	7	35	00	0	0	—	15.2	23	47	12
		ALEXANDRIA	20	5	50	02	1	4	Sc,Cu	16.4	22	57	13
	62318	FOUAD (Airport)											
	62330	DAMIETTA	320	2	15	03	0	1	Cu	16.4	23	61	15
	62333	PORT SAID	360	11	30	02	0	2	Sc	16.0	23	65	16
	62336	EL 'ARISH	320	5	35	01	0	2	Cu	16.2	24	61	16
LOWER EGYPT	62339	DAMANHUR	40	9	15	02	1	2	Cu	16.8	24	54	14
	62342	MANSURA	20	5	15	03	1	4	Sc,Cu	16.2	25	47	13
	62348	TANTA	40	2	35	01	1	3	Cu	17.2	25	47	13
	62354	ZAGAZIG	320	5	35	00	0	0	—	15.8	25	54	15
	62441	ISMAILIA	20	2	35	63	1	4	Cu	15.2	25	54	15
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMAZA	360	11	30	02	0	1	Cu	15.3	25		
		EZBEKIYA	20	5	35	00	0	0	—	15.6	25	47	13
		GIZA	20	5	35	00	0	0	—	15.8	25	48	13
	62378	HELWAN	360	6	35	02	0	0	—	15.2	25	42	11
UPPER EGYPT	62381	FAIYUM	360	8	35	02	0	0	—	14.7	26	42	12
	62387	MINYA	10	11	12	00	0	0	—	14.9	27	37	11
	62393	ASYUT MANQABAD	340	8	30	00	0	0	—	14.1	26	48	14
	62399	NAG' HAMMADI	00	0	7	00	0	0	—	12.0	29	52	18
	62402	QENA	270	3	50	00	0	0	—	11.6	29	40	14
	62405	LUXOR											
	62414	ASWAN	360	4	50	03	2	4	Ac	7.8	33	32	14
OASES	62417	SIWA	180	5	35	00	0	0	—	16.8	29	40	14
	62420	BAHARIYA	360	4	35	02	0	0	—	15.6	26	55	16
	62423	FARAFRA											
	62432	DAKHLA	20	6	50	00	0	0	—	13.0	27	37	11
	62435	KHARGA	270	7	35	00	0	0	—	12.8	28	33	10
RED SEA	62450	SUEZ	00	0	35	02	0	0	—	14.2	26	64	12
	62459	TOR	300	13	35	00	0	0	—	12.3	26	52	16
	62462	HURGHADA	350	11	50	00	0	0	—	12.0	25	74	20
	62465	QUSEIR	360	19	15	02	0	0	—	12.1	27	70	21
	62641	PORT SUDAN	70	8	30	01	1	3	Cu	10.4	31	66	24
NORTH SUDAN	62600	WADI HALFA											
	62640	ABU HAMAD	200	1	30	00	0	0	—	6.2	35	25	12
	62660	KAREIMA	330	3	30	00	0	0	—	6.2	37	20	11
	62680	'ATBARA	270	2	30	00	0	0	—	4.2	37	19	10
	62721	KHARTUM	50	3	30	02	1	4	Cu,Ci	3.6	38	15	7
	62730	KASSALA											
CENTRAL SUDAN	62751	WAD MEDANI	360	5	35	02	0	4	Cc	2.8	39	17	10
	62801	RENK	360	5	50	02	1	4	Cs	3.8	39	21	13
	62802	ROSEIRES	200	2	35	02	1	4	Ac		39	21	13
	62771	EL OBEID	20	13	30	02	1	5	Ci	4.8	36	12	2
	62760	EL FASHER	360	3	30	01	1	3	Ci		34	9	-4
	62770	GENEINA	110	4	30	01	1	5	Cu,Ci		34	16	5
S. SUDAN	62840	MALAKAL	290	2	30	03	1	5	Cu,Ci	4.0	35	39	19
	62880	WAU	180	4	30	03	2	8	Cu,Ci	5.1	34	39	18
	62941	JUBA	90	5	30	03	2	6	Cu,Ac	3.1	36	42	21

At 1800 on Wednes. 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	RAIN PAST 12 hrs mms
MEDITERRANEAN	62300	SALUM	200	4	15	03	2	6	Ac	15.0	23	44	10	0
	62303	SIDI BARANI	90	3	15	03	2	6	Ac	15.0	20	83	17	0
	62306	MATRUH	160	8	13	03	1	5	Ci	16.0	19	73	14	0
	62309	EL DABA	320	2	7	03	2	5	St	15.9	17	73	13	0
		ALEXANDRIA	90	6	15	03	2	2	—	16.5	21	65	14	0
	62318	FOUAD (Airport)	40	7	12	02	0	0	—	16.5	16	77	12	0
	62330	DAMIETTA	320	2		03	1	4	Cu	16.6	21	83	18	0
	62333	PORT SAID	18	02	0	2	Sc	16.3	22	69	16	0		
	62336	EL 'ARISH	35	01	0	1	Cu	16.2	22	65	15	0		
LOWER EGYPT	62339	DAMANHUR	7	02	0	0	—	17.0	19	83	16	0		
	62342	MANSURA	40	5	00	1	0	—	16.7	20	73	15	0	
	62348	TANTA	00	0	35	01	1	3	Cu	16.5	18	83	15	0
	62354	ZAGAZIG	35	00	0	0	—	16.3	19	73	14	0		
	62441	ISMAILIA	35	01	0	0	—	16.4	19	83	16	0		
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMAZA	40	8	12	00	0	0	—	15.9	20	64	13	0
		EZBEKIYA	00	0	15	00	0	0	—	16.2	20	73	15	0
		GIZA	00	0	15	00	0	0	—	16.6	19	83	16	0
	62378	HELWAN	20	11	15	02	0	0	—	16.0	21	57	12	0
UPPER EGYPT	62381	FAIYUM	360	5	35	02	0	0	—	15.5	20	64	13	0
	62387	MINYA	00	0	8	00	0	0	—	15.1	17	68	11	0
	62393	ASYUT MANQABAD	320	3	15	00	0	0	—	14.6	20	60	12	0
	62399	NAG' HAMMADI	00	0		00	0	0	—	13.3	21	65	14	0
	62402	QENA	270	2	7	03	0	0		13.5	23	50	12	0
	62405	LUXOR			00	0	12	02	1	1	Cu	12.5	24	54	14	0
	62414	ASWAN	360	4	50	00	0	0	—	10.7	30	35	13	0
OASES	62417	SIWA	00	0	35	00	0	0	—	16.6	22	50	11	0
	62420	BAHARIYA	00	0	35	00	0	0	—	16.0	21	65	14	0
	62423	FARAFRA												
	62432	DAKHLA	320	3	35	00	0	0	—	14.4	25	28	5	0
	62435	KHARGA	00	0	35	00	0	6	Ac	16.6	28	38	9	0
RED SEA	62450	SUEZ	00	0	35	00	0	4	Ac	16.0	20	27	16	2
	62459	TOR	20	2	15	10	0	2	Ci	14.3	18	27	15	1
	62462	HURGHADA	300	16	50	03	1	6	Cb	14.0	23	25	17	0
	62465	QUSEIR	360	9	15	00	2	5	As	13.3	26		22	14	0	6	0
	62641	PORT SUDAN	310	4	30	03	1	3	Cu	13.5	29	33	14	70	23	0	0	16
NORTH SUDAN	62600	WADI HALFA	350	11	50	01	1	3	Ac	12.5	24	34	21	26	3	0	0	
	62640	ABU HAMAD	130	1	30	00	0	0	—	10.4	27	37	22	33	9	0	0	
	62660	KAREIMA	340	3	30	00	0	0	—	10.9	26	38	24	28	6	0	dr.	1
	62680	'ATBARA	70	15	10	00	0	0	—	10.2	27	39		42	13	0	0	2
	62721	KHARTUM	10	8	18	01	1	1	Ac	9.4	29	39	25	25	7	0	11	4
	62730	KASSALA	130	5	30	00	0	0	—	8.4	30	40	25	38	14	0	4	8
CENTRAL SUDAN	62751	WAD MEDANI	50	9	50	02	0	0	—	9.3	28	40	21	33	10	0	7	11
	62801	RENK	360	9	50	02	0	1	Ci	8.8	28	40	21	40	13	0		44
	62802	ROSEIRES	160	2	35	00	0	0	—	10.6	26	40	21	58	17	0	47	31
	62771	EL OBEID	20	12	30	03	1	5	Ac	9.9	27	36	22	23	4	0	24	16
	62760	EL FASHER	00	0	30	00	0	0	—		19	36	15	28	0	0	1	6
	62770	GENEINA	20	14	30	00	0	2	Ci		22	36	16	16	-5	0		4
S. SUDAN	62840	MALAKAL	340	2	30	01	2	5	Ac	9.9	25	35	22	84	22	0	36	77
	62880	WAU	150	3	14	00	1	1	Ac	9.5	25	35	22	79	21	0	164	130
	62941	JUBA	180	2	30	01	2	3	Ac,Ci	9.9	25	39	23	70	19	0	41	102

At 0600 on Thursday 3rd November.

AREA	INDEX NUMBER	STATION	WIND 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	SALUM	250	4	35	02	1	5	Ac	16.2		23	28		17		44	10	0	dr.	
	62303	SIDI BARANI	200	8	15	01	2	7	Cu,Ac	16.6		20	26		18		83	17	0	1	
	62306	MATRUH	220	4	14	05	5	8	As	16.3		20	26		18		64	13	0	tr	
	62309	EL DABA	220	7	3	03	2	8	St.	16.6		17	23		14		73	13	0	0	
		ALEXANDRIA	130	6	7	03	2	8	Ci	18.6	+0.9	19	24	-3	18	0	83	16	0	dr.	6
	62318	FOUAD (Airport)	100	5	10	03	1	8	Ac	17.3		18	24		14		88	16	0	0	7
	62330	DAMIETTA	70	2		11	2	7	Ac	17.9	+1.6	20	25		16		68	18	0	dr.	7
	62333	PORT SAID	120	4	14	03	1	6	Sc,Cc	17.5		21	24		20		74	16	0	0	
	62336	EL 'ARISH	140	2	35	00	2	7	Sc,Cu	17.1	+1.7	19	26	0	13	-2	83	16	0	0	4
LOWER EGYPT	62339	DAMANHUR	40	5	3	02	1	6	As	18.2	+0.9	18	25	-3	16	+1	68	16	0	0	4
	62342	MANSURA	360	5	7	03	1	8	Ac	18.0	+1.4	19	27	-1	16	0	68	17	0	0	3
	62348	TANTA	00	0	35	03	2	6	Cu	18.4	+1.0	18	25	-3	11	-3	68	16	0	0	3
	62354	ZAGAZIG	40	2	15	01	2	2	Sc	17.5	+0.4	19	27	-1	14	0	83	16	0	0	2
	62441	ISMAILIA	110	2	35	01	1	6	Ac	17.4		21	27		15		69	15	0	dr.	
CAIRO AREA	62366	FAROUK (Airport)	90	10	15	03	2	6	Cs	16.6		20			15		78	16	0	0	
	62372	ALMAZA	70	15	12	02	1	3	Cc	17.0	0.0	20	26		16		73	15	0	0	
		EZBEKIYA	340	2	7	00	0	3	Ci	17.2	+0.2	19	26	-2	16	0	78	15	0	0	2
		GIZA	340	2	7	00	0	3	Ci	17.8	+0.6	18	26	-1	13	-1	80	15	0	0	3
	62378	HELWAN	70	3	15	00	1	3	Cc	16.4	+0.9	21	26	-1	18	+2	65	14	0	0	1
UPPER EGYPT	62381	FAIYUM	320	5	35	03	1	4	Ci	17.4	+0.6	19	26	-3	15	0	83	16	0	0	0
	62387	MINYA	00	0	10	03	0	2	Ci	16.9		15	27		12		77	11	0	0	
	62393	ASYUT MANQABAD	270	4	30	00	0	4	Ci	16.3		19	27		14		73	14	0	0	
	62399	NAG' HAMMADI	340	2		02	2	7	Cu,As	15.6	+0.1	20	31		16		64	13	0	0	
	62402	QENA	270	3	15	03	1	5	Cc			20	31	-1	18	+2	73	15	0	dr.	
	62405	LUXOR	00	0	30	03	1	5	Sc	15.8		23	32		18		57	14	0	0	
	62414	ASWAN	320	3	50	16	1	4	Cb	13.4	-1.0	24	34	0	21	+2	65	17	dr.	dr.	
OASES	62417	SIWA	00	0	35	00	0	0	—	17.1	-1.3	21	30	0	14	+2	57	12	0	0	0
	62420	BAHARIYA	00	0	35	02	1	4	Ac	15.0	-2.6	19	27	-1	13	-1	73	14	0	0	0
	62423	FARAFRA																			
	62432	DAKHLA	320	3	35	00	0	0	—	14.8	-2.0	19	29	-2	15	0	52	9	0	0	
	62435	KHARGA	00	0	35	00	0	6	Ac	16.6	+0.8	18	28	-3	16	0	83	15	0	0	
RED SEA	62450	SUEZ	00	0	35	00	0	4	Ac	16.0	-0.2	20	27	-2	16	-1	73	15	0	0	2
	62459	TOR	20	2	15	10	0	2	Ci	14.3	-0.8	18	27	-4	15	-1	73	13	0	0	1
	62462	HURGHADA	300	16	50	03	1	6	Cb	14.0		23	25		17		61	15	0	0	
	62465	QUSEIR	360	9	15	00	2	5	As	13.3	-1.2	26			22	+1	48	14	0	6	0
	62641	PORT SUDAN	310	4	30	03	1	3	Cu	13.5		29	33		14		70	23	0	0	16
NORTH SUDAN	62600	WADI HALFA	350	11	50	01	1	3	Ac	12.5		24	34		21		26	3	0	0	
	62640	ABU HAMAD	130	1	30	00	0	0	—	10.4		27	37		22		33	9	0	0	
	62660	KAREIMA	340	3	30	00	0	0	—	10.9		26	38		24		28	6	0	dr.	1
	62680	'ATBARA	70	15	10	00	0	0	—	10.2		27	39				42	13	0	0	2
	62721	KHARTUM	10	8	18	01	1	1	Ac	9.4		29	39		25		25	7	0	11	4
	62730	KASSALA	130	5	30	00	0	0	—	8.4		30	40		25		38	14	0	4	8
CENTRAL SUDAN	62751	WAD MEDANI	50	9	50	02	0	0	—	9.3		28	40		21		33	10	0	7	11
	62801	RENK	360	9	50	02	0	1	Ci	8.8		28	40		21		40	13	0		44
	62802	ROSEIRES	160	2	35	00	0	0	—	10.6		26	40		21		58	17	0	47	31
	62771	EL OBEID	20	12	30	03	1	5	Ac	9.9		27	36		22		23	4	0	24	16
	62760	EL FASHER	00	0	30	00	0	0	—			19	36		15		28	0	0	1	6
	62770	GENEINA	20	14	30	00	0	2	Ci			22	36		16		16	-5	0		4
S. SUDAN	62840	MALAKAL	340	2	30	01	2	5	Ac	9.9		25	35		22		84	22	0	36	77
	62880	WAU	150	3	14	00	1	1	Ac	9.5		25	35		22		79	21	0	164	130
	62941	JUBA	180	2	30	01	2	3	Ac,Ci	9.9		25	39		23		70	19	0	41	102

HUMIDITY % Mean of day

STATION	on 2nd	Diff. from normal
Alexandria	59	-9
Ezbekiya	70	+3
Giza	73	+4
Helwan	65	+10

GIZA GRASS MINIMUM TEMP.

ON 3rd 7.9 °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 2nd

HEIGHT m.	Matruh TIME 15 DIR.	Matruh VEL.	Port Said TIME 14 30 DIR.	Port Said VEL.	Minya TIME 15 DIR.	Minya VEL.	Hurghada TIME 15 DIR.	Hurghada VEL.
300	100	18	10	10	350	19	350	8
600	130	15	20	11	10	14	360	2
1000	160	16	40	12	30	11	310	5
1500	180	12	330	3	350	12	270	2
2000	160	12	270	7	350	20		
3000	220	16	280	10				
4000			290	16				
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 3rd

HEIGHT m.	SIDI BARANI DIR.	SIDI BARANI VEL.	MATRUH TIME 8 30 DIR.	MATRUH VEL.	FOUAD AIRPORT DIR.	FOUAD AIRPORT VEL.	PORT SAID TIME 3 DIR.	PORT SAID VEL.	EL 'ARISH DIR.	EL 'ARISH VEL.	HELWAN TIME 9 15 DIR.	HELWAN VEL.	MINYA TIME 4 DIR.	MINYA VEL.	ASYUT MANQABAD TIME 9 DIR.	ASYUT MANQABAD VEL.	LUXOR DIR.	LUXOR VEL.	ASWAN TIME 5 DIR.	ASWAN VEL.	HURGHADA DIR.	HURGHADA VEL.	DIR.	VEL.
300	240	12	240	4			60	9			30	9	360	19	10	6					20	14		
600	240	11	220	2			70	10			60	7	10	22	30	10					170	19		
1000	220	13	140	3			60	9			30	17	360	23	50	7					80	30		
1500	190	18					10	12			20	17			240	3					60	17		
2000	200	25									350	13			360	3					170	12		
3000	210	29									340	6			180	3					150	20		
4000	210	23									300	2			220	12								
5000											250	19												
6000																								
7000																								
8000																								

HEIGHT m.	SIWA TIME 9 DIR.	SIWA VEL.	BAHARIYA TIME 9 DIR.	BAHARIYA VEL.	DAKHLA DIR.	DAKHLA VEL.	KHARGA TIME 7 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 TIME 4 45 DIR.	EL FASHER VEL.	MALAKAL TIME 4 DIR.	MALAKAL VEL.
300	230	11	60	10			330	15																
600	220	15	60	5			20	21															270	7
1000	220	12	70	16			30	15													280	7	270	7
1500	200	16	80	26			110	4													50	22	60	5
2000	200	20	70	20			170	5																
3000	220	20	70	20			220	10													170	5	50	15
4000	240	9	70	8																				
5000																								
6000																								
7000																								
8000																								

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

Note: All times G. M. T.

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

CAIRO

Time of Sunrise 04 12 G.M.T.

" " Sunset 15 05 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date : Saturday 5th November, 1949

At 1200 on Fri. 4th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALÛM	40	11	35	01	0	3	Cu	16.4	23	74	18
	62303	SÎDI BARÂNI	40	12	35	01	0	0	—	18.2	23	88	21
	62306	MATRÛH	80	7	18	02	1	4	Cu	19.0	23	69	17
	62309	EL DABA	30	9	35	01	1	2	Cu	18.7	23	74	18
		ALEXANDRIA	90	10	50	00	0	0	—	19.5	23	74	18
	62318	FOUAD (Airport)	40	15	18	02	0	0	—	16.3	26	62	18
	62330	DAMIETTA	360	5	7	03	1	4	Cu	19.4	24	69	18
	62333	PORT SA'ÎD											
	62336	EL 'ARISH	360	2	35	02	0	0	—	18.7	24	74	19
LOWER EGYPT	62339	DAMANHUR	90	9	15	02	0	0	—	19.6	27	55	17
	62342	MANSURA	40	9	35	00	0	0	—	19.1	29	46	16
	62348	TANTA	40	5	35	01	1	4	Cu	19.0	29	46	16
	62354	ZAGAZIG	40	5	35	00	0	0	—	18.8	27	52	16
	62441	ISMA'ILIA	20	2	35	02	0	0	—	17.1	27	42	13
CAIRO AREA	62366	FAROUK (Airport)	70	14	30	00	0	0	—	17.9	28	33	10
	62372	ALMAZA	40	13	30	00	0	0	—	17.5	28	37	12
		EZBEKÎYA	40	8	35	00	0	0	—	17.6	30	33	12
		GÎZA	40	8	35	00	0	0	—	18.0	29	38	13
	62378	HELWÂN	20	20	15	02	0	1	Cu	17.2	29	23	6
UPPER EGYPT	62381	FAIYÛM	360	8	35	02	0	0	—	16.3	31	28	10
	62387	MINYA	10	12	12	00	1	0	—	16.1	30	27	9
	62393	ASYÛT MANQABAD	320	7	30	02	1	2	Ac	15.4	28	49	16
	62399	NAG' HAMMADI	00	0	15	02	0	5	Ac	14.0	30	46	17
	62402	QENA	270	2	35	02	2	5	Ac	12.6	31	49	19
	62405	LUXOR											
	62414	ASWÂN	00	0	50	00	0	0	—	10.8	35	42	20
OASES	62417	SÎWA	00	0	35	00	0	0	—	18.3	29	46	16
	62420	BAHARÎYA	360	5	35	02	0	0	—	17.0	32	28	11
	62423	FARAFRA											
	62432	DAKHLA	360	13	50	00	0	0	—	15.2	31	28	10
	62435	KHARGA	360	4	35	00	0	0	—	13.6	32	24	9
RED SEA	62450	SUEZ	360	8	50	02	0	0	—	15.9	29	35	12
	62459	TÛR	310	6	15	10	2	5	Ac	14.7	27	62	19
	62462	HURGHÂDA											
	62465	QUSEIR	360	9	15	01	1	2	As	14.2	29	59	20
	62641	PORT SÛDAN	40	12	30	01	0	1	Cu	12.8	31	70	25
NORTH SÛDAN	62600	WÂDI HALFA											
	62640	ABU HAMAD	00	0	30	00	0	0	—	8.2	37	20	11
	62660	KAREIMA	340	5	30	00	0	0	—	8.6	36	17	7
	62680	'ATBARA	20	5	30	00	0	0	—	7.1			10
	62721	KHARTÛM	30	10	30	02	0	1	Cu	6.6	38	18	10
	62730	KASSALA	00	0	30	00	0	0	—	5.0	39	16	9
CENTRAL SÛDAN	62751	WÂD MEDANI											
	62801	RENK	130	13	50	02	1	4	Sc	3.8	39	16	9
	62802	ROSEIRES	110	2	50	00	0	0	—	3.6	39		
	62771	EL OBEID	70	4	30	01	1	4	Ci	6.9	35	10	-1
	62760	EL FÂSHER	70	3	30	02	0	2	Ci		35	18	7
	62770	GENEINA	350	4	30	01	1	3	Ac, Ci		34	12	1
S. SÛDAN	62840	MALAKÂL	340	4	30	03	1	6	Cu, Ac	6.6	35	39	19
	62880	WÂU	330	2	30	03	1	6	Ci, Ac	6.2	35	32	16
	62941	JUBA											

At 1800 on Fri. 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	90	13	15	03	2	6	Cu	20.0	22 ?	83	19	0
62303	SÎDI BARÂNI	90	6	15	03	0	1	Cu	20.2	20	95	20	0
62306	MATRÛH	120	8	12	01	1	2	Cu	20.0	20	83	17	0
62309	EL DABA	90	7	7	02	2	3	Cu	20.0	21	83	18	0
	ALEXANDRIA	90	8	15	01	1	2	Sc,Cu	20.4	22	74	17	0
62318	FOUAD (Airport)	40	4	10	03	0	2	Sc	20.5	19	88	17	0
62330	DAMIETTA	360	5		01	0	2	Cu	20.0	22	83	19	0
62333	PORT SA'ÎD	40	14	14	01	0	0	—	19.7	22	78	18	0
62336	EL 'ARISH	20	5	15	03	1	3	Cu	19.1	23	74	18	0
62339	DAMANHUR	40	13	7	02	0	0	—	19.9	19	83	16	0
62342	MANSURA	40	5		00	0	0	—	20.6	21	83	18	0
62348	TANTA	00	0	35	01	1	2	Cu	20.4	19	83	16	0
62354	ZAGAZIG	40	2	35	00	0	0	—	19.9	20	88	18	0
62441	ISMA'ILIA	20	2	35	02	0	0	—	18.7	20	88	18	0
62366	FAROUK (Airport)												
62372	ALMAZA	40	10	12	00	0	0	—	19.3	21	88	19	0
	EZBEKÎYA	40	4	15	00	0	0	—	19.5	21	78	17	0
	GÎZA	40	4	15	00	0	0	—	19.5	21	87	19	0
62378	HELWÂN	20	33	15	32	3	L	Cu	18.1	22	74	17	0
62381	FAIYÛM	360	5	35	02	0	0	—	17.6	24	47	12	0
62387	MINYA	360	6	10	00	0	0	—	16.5	21	44	8	0
62393	ASYÛT MANQABAD												
62399	NAG' HAMMADI	00	0		00	0	2	Ac	13.9	23	61	15	0
62402	QENA	270	2	35	02	2	5	Ac	13.9	27	37	11	0
62405	LUXOR	30	6	12	01	2	3	Sc	13.3	26	42	12	0
62414	ASWÂN	360	6	50	00	0	0	—	11.8	33	32	14	0
62417	SÎWA	00	0	35	00	0	0	—	19.1	21	50	10	0
62420	BAHARÎYA	40	5	15	02	0	0	—	17.9	25	28	5	0
62423	FARAFRA												
62432	DAKHLA	360	13	35	00	0	0	—	14.4	27	27	6	0
62435	KHARGA	00	0	15	00	0	3	Ac	13.0	26	30	7	0
62450	SUEZ	310	5	35	02	0	0	—	17.8	22	65	15	0
62459	TÛR	310	6	15	10	1	3	Ac		25 ?	74	20	0
62462	HURGHÂDA												
62465	QUSEIR												
62641	PORT SÛDAN												
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 November.

INDEX NUMBER	STATION	WIND 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	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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	SALÛM	180	3	2	10	2	7	Sc,Cu	17.9		18	26		13		84	16	0	dr.		SALÛM
62303	SÎDI BARÂNI	130	11	35	03	2	8		18.7		18	24		16		88	16	0	1		SÎDI BARÂNI
62306	MATRÛH	00	0	18	02	1	1	Cu	19.0		21	25		14		78	17	0	tr.		MATRÛH
62309	EL DABA	180	3	0.8	00	0	0	—	18.0		17	23		14		95	17	0	6		EL DABA
	ALEXANDRIA	40	7	50	01	1	3	Cu	19.0	+1.3	22	27	+1	19	+1	83	19	0	dr	10	ALEXANDRIA
62318	FOUAD (Airport)	40	4	8	03	0	2	Sc	18.7		21	26				88	19	0	0	9	FOUAD (Airport)
62330	DAMIETTA	20	2	1.8	11	0	0	—	18.3	+1.9	23	25		19		74	18	0	dr.	8	DAMIETTA
62333	PORT SA'ÎD	50	11	12	03	0	0	—	18.0		23	26		22		84	20	0	0		PORT SA'ÎD
62336	EL 'ARISH	00	0	35	00	1	5	Sc	18.0	+1.7	23	26	0	16	+1	74	18	0	0	5	EL 'ARISH
62339	DAMANHUR	40	5	2	28	4	0	—	19.2	+1.7	18	27	-1	14	-1	83	15	0	0	5	DAMANHÛR
62342	MANSURA	20	5	35	00	0	0	—	19.1	+2.4	21	29	+1	17	+1	83	18	0	0	3	MANSÛRA
62348	TANTA	360	2	35	02	1	0	—	17.2	+1.7	18	29	+1	11	-3	95	18	0	0	3	TANTA
62354	ZAGAZIG	40	2	0.8	43	4	8	Sc	18.0	+0.9	18	29	+1	15	+1	88	16	0	0	2	ZAGAZIG
62441	ISMA'ILIA	360	2	35	03	1	6	Fs,Fc.	17.5		19	28		15		88	17	0	dr.		ISMA'ILIA
62366	FAROUK (Airport)	70		12	02	2	5	Sc	18.5 ?		19					95	18	0	0		FAROUK (Airport)
62372	ALMAZA	40	13	13	03	1	6	Sc	17.6		20	29		15		88	18	0	0		ALMÂZA
	EZBEKÎYA	40	2	7	00	0	5	Sc	17.8	+0.7	19	30	+2	16	+1	88	17	0	0	2	EZBEKÎYA
	GÎZA	40	2	7	00	0	5	Sc	18.2	+1.0	19	29	+2	14	+1	88	17	0	0	3	GÎZA
62378	HELWÂN	20	12	15	00	1	3	St.	16.7	-0.7	21	30	+3	19	+3	74	16	0	0	1	HELWÂN
62381	FAIYÛM	360	5	35	02	0	0	—	16.6	-0.3	21	32	+3	16	+1	83	18	0	0	0	FAIYÛM
62387	MINYA	360	7	10	01	1	2	Sc	15.9		19	31		16		56	10	0	0		MINYA
62393	ASYÛT MANQABAD	320	3	30	00	0	3	Ci	15.3		19			15		83	16	0	0		ASYÛT MANQABAD
62399	NAG' HAMMADI	290	1		03	1	3	Ac	14.0	-1.6	23	32		17 ?		61	15	0	0		NAG' HAMMÂDI
62402	QENA	40	2	15	01	2	3	Ci	13.5	-1.6	25	34	+2	22 ?	+7	42	11	0	dr.		QENA
62405	LUXOR	40	3	30	04	1	6	Sc	13.6		23	33		19		61	15	0	0		LUXOR
62414	ASWÂN	90	10	50	00	0	0	—	13.1	-1.5	26	36	+3	23	+5	62	18	0	dr.		ASWÂN
62417	SÎWA	00	0	35	00	0	0	—	19.8	+1.3	18	30	+1	11	-1	52	8	0	0	0	SÎWA
62420	BAHARÎYA	360	5	35	02	1	3	Sc,Cu	18.0	+0.2	17	32	+4	15	-2	88	15	0	0	0	BAHARÎYA
62423	FARAFRA																				FARAFRA
62432	DAKHLA	320	6	35	00	0	0	—	15.9	-1.1	20	32	+1	16	+2	56	11	0	0		DAKHLA
62435	KHARGA	40	11	35	00	0	0	—	14.7	-1.2	22	32	+1	18	+3	50	11	0	0		KHARGA
62450	SUEZ	310	5	35	00	0	0	—	16.8	+0.5	21	30	+2	18	+1	83	18	0	0	2	SUEZ
62459	TÛR	310	3	35	00	0	2	Ac	14.3	-0.9	20	27	0	19	+3	73	15	0	0	1	TÛR
62462	HURGHÂDA																		6		HURGHADA
62465	QUSEIR	360	9	15	00	2	7	Ac	14.7 ?	0.0	25			22	+1	70	19	0	0	0	QUSEIR
62641	PORT SÛDAN	280	2	30	03	0	2	Cu	15.0		29	33		23		7 0	23	0	0	19	PORT SÛDAN
62600	WÂDI HALFA	00	0	30	00	0	0	—	12.0		25	34		21		32	7	0	0		WÂDI HALFA
62640	ABU HAMAD	130	1	30	00	0	0	—	11.5		25	38		20		30	6	0	0		ABU HAMAD
62660	KAREIMA	360	1	30	00	0	0	—	12.2		25	37		20		39	10	0	dr.	1	KAREIMA
62680	'ATBARA	50	5	30	02	2	8	Ci	11.3		27	38		21		33	9	0	0	2	'ATBARA
62721	KHARTÛM	360	6	30	02	1	4	Ci	10.8		28	38		23		29	8	0	11	4	KHARTÛM
62730	KASSALA	130	5	30	00	0	0	—	9.6		31	40		20		29	11	0	4	8	KASSALA
62751	WÂD MEDANI	50	5	50	00	0	0	—	9.6		26	40		20		32	8	0	7	11	WÂD MEDANI
62801	RENK	360	9	50	01	1	4	Ci	9.0		28	40		18		40	13	0		44	RENK
62802	ROSEIRES	200	2	35	02	0	0	—	9.8		24	39		18		69	18	0	47	31	ROSEIRES
62771	EL OBEID	360	10	30	02	1	1	Ci	11.1		26	37		21		21	2	0	24	16	EL OBEID
62760	EL FÂSHER	00	0	30	00	0	0	—			20	36		16		26	0	0	1	6	EL FÂSHER
62770	GENEINA	40	5	30	02	1	7	Ac			21	36		20		13	-9	0		4	GENEINA
62840	MALAKÂL	240	3	30	00	0	1	Ac	10.1		27	35		23		70	21	0	38	78	MALAKÂL
62880	WÂU	180	1	30	03	2	8	Ac, Cs	10.6		25	35		21		74	20	0	164	132	WÂU
62941	JUBA	180	2	30	02	2	7		11.1		25	37		18		65	18	0	41	104	JUBÀ

HUMIDITY % Mean of day

STATION	on 4th	Diff. from normal
Alexandria	70	+3
Ezbekiya	74	+7
Giza	78	+8
Helwân	57	+2

GÎZA GRASS MINIMUM TEMP. ON 5th 8.0 °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 4th At 15½ AIRPORT						On ..... At ..... AIRPORT						On ..... At ..... AIRPORT					
PRESSURE mbs.	HEIGHT ABOVE M.S.L. Metres	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.	PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.	PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	158	25	42	50	15	1000						1000					
950						950						950					
900						900						900					
850	1559	15	32	50	22	850						850					
800						800						800					
700	3172	3	25	70	5	700						700					
600						600						600					
500	5804	-14		270	4	500						500					
400						400						400					
300						300						300					

UPPER WIND OBSERVATIONS on 4th

STATION	Matruh				Port Said				Minya				Asyut (Mdn).											
TIME	15				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	70	22			40	19			360	26			330	19										
600	70	21			40	11			10	23			340	16										
1000	120	11			20	16			20	19			360	10										
1500	180	12							40	19			10	13										
2000	180	9							30	10			50	10										
3000	210	10											80	5										
4000													180	4										
5000													190	23										
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 5th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABAD		LUXOR		ASWÂN		HURGHADA			
TIME	9						3				8 45		4		9				5					
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	130	20					40	13			40	16	20	14	300	6			80	12				
600	150	15					70	16			40	16	60	15	350	4			90	13				
1000	180	16					60	14			40	8	30	8	20	11			130	15				
1500	180	20					70	11			70	23	60	10	30	16			140	6				
2000	190	18					100	6			130	8	350	7					170	29				
3000	40	10					210	4			140	8	310	5					150	23				
4000	320	14									180	7							150	15				
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9				7		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	110	18	10	29			20	10	350	9														
600	130	18	20	31			50	11	10	7													280	7
1000	150	16					40	10	330	2									30	31	350	11	270	7
1500	160	15					30	14	10	9									40	23	30	17	50	5
2000	340	14					70	10											30	15				
3000	340	18					80	3	260	4									50	11	150	7	20	12
4000	320	12							270	11														
5000	330	17																						
6000	220	9																						
7000	230	12																						
8000																								

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

Note: All times G. M. T.

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

CAIRO

Time of Sunrise 04 11 G.M.T.

" " Sunset 15 06 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date : Friday 4th November, 1949

AREA	INDEX NUMBER	STATION	At 1200 on Thur 3rd: WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN K.LOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	At 1800 on Thurs. 3rd: WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms
MEDITERRANEAN	62300	SALUM	40	10	35	01	0	1	Cu	16.6	24	69	18	360	10	15	03	1	4	Cu		22	65	15	0
	62303	SIDI BARANI	320	9	50	01	1	1	Ac	16.2	24	74	19	110	6	15	03	1	4	Cu		22	78	18	0
	62306	MATRÛH	90	6	18	01	1	1	Ci	15.0	26	42	14	40	4	12	08	1	2	Ac	14.3	19	83	16	0
	62309	EL DABA	40	7	35	03	2	4	Cu	16.0	25	54	15	90	8	12	00	0	0	—	16.9	20	83	17	0
		ALEXANDRIA	90	5	50	02	2	7	Sc,Cu	17.0	26	55	16	90	10	15	00	0	0	—		20	73	15	0
	62318	FOUAD (Airport)	70	10	18	02	2	7	Ac,Ci	16.6	25	51	14	40	3	14	02	1	0	—	18.1	18	74	16	0
	62330	DAMIETTA	360	5	7	02	2	7	Ac	16.3	23	65	16	90	2		01	1	3	Ac	18.6	21	83	18	0
	62333	PORT SAID												70	9	18	02	1	0	—	17.8	22	69	16	0
	62336	EL 'ARISH	20	5	35	02	2	7	Fs,Fc	16.7	23	65	16	20	2	15	01	1	1	Ac	18.6	22	65	15	0
LOWER EGYPT	62339	DAMANHUR	40	5	15	02	1	7	As	17.5	25	61	17	40	9	7	02	1	2	As	18.3	19	83	16	0
	62342	MANSURA	40	9	15	02	2	6	Ac	17.2	25	61	17	40	5		00	1	0	—	18.8	19	83	16	0
	62348	TANTA	40	5	35	03	2	8	Ac	17.9	28	54	15	90	2	35	01	2	3	Cu	19.2	19	83	16	0
	62354	ZAGAZIG	40	5	35	02	1	4	Sc	16.4	26	48	14	40	9	35	00	1	0	—	18.3	19	88	17	0
	62441	ISMAILIA	40	2	35	03	1	6	Ac,Ci	16.2	26	48	14	20	2	35	01	0	0	—	17.6	20	73	15	0
CAIRO AREA	62366	FAROUK (Airport)	40	10	30	02	1	3	Cs	13.8	27	35	10												
	62379	ALMAZA	40	11	30	02	1	2	Ci	15.5	28	33	10	40	11	12	01	0	0	—	18.0	22	65	15	0
		EZBEKIYA	40	4	35	00	0	5	Ci	15.8	28	37	12	40	6	15	00	0	0	—	18.0	21	74	16	0
		GIZA	40	4	35	00	0	5	Ci	16.0	29	36	12	40	6	15	00	0	0	—	18.2	22	74	17	0
	62378	HELWAN	20	8	35	01	2	2	Cc	15.0	29	23	6	40	15	15	01	1	0	—	17.6	22	50	11	0
UPPER EGYPT	62381	FAIYUM	320	5	35	02	1	4	Ci	15.0	30	31	11	320	2	35	01	0	0	—	16.4	23	50	12	0
	62387	MINYA	360	8	12	00	1	0	—	15.0	30	31	11	00	0	10	00	1	0	—	16.3	19	52	9	0
	62393	ASYUT MANQABAD																							
	62399	NAG' HAMMADI	270	1	7	01	0	9	As	12.6	29	46	16	00	0		02	1	4	Ac	14.0	23	65	16	0
	62402	QENA	270	2	35	03	2	7	Ac	12.6	27	62	19	270	2	7	01	2	3	Ci	14.3	24	54	14	0
	62405	LUXOR												90	4	12	02	2	5	Sc	13.5	25	39	10	0
	62414	ASWAN	340	5	50	01	1	4	As	10.4	35	39	19	360	5	50	00	0	0	—	12.3	33	34	15	0
OASES	62417	SIWA	00	0	35	00	0	0	—	16.3	30	35	13	00	0	35	00	0	0	—	18.2	22	57	13	0
	62420	BAHARIYA	360	3	35	02	1	4	Ac	15.4	31	49	19	90	5	15	02	1	0	—	17.0	23	61	15	0
	62423	FARAFRA																							
	62432	DAKHLA	320	6	50	00	0	0	—		30	25	8	320	6	35	00	0	0	—	13.6	28	22	4	0
	62435	KHARGA	360	2	35	00	0	0	—	13.1	32	20	6	00	0	15	00	0	3	Ac	13.4	28	22	4	0
RED SEA	62450	SUEZ	00	0	35	01	0	3	Cu	14.8	27	42	13	00	0	15	01	0	0	—	17.2	21	74	16	0
	62459	TOR	310	19	15	00	0	8		13.9	25	70	19	310	16	15	00	0	3	Ac	15.0	21	74	16	0
	62462	HURGHADA																							
	62465	QUSEIR	360	13	15	03	2	8	Ac	14.0	27	62	19	310	9	15	02	2	8	Ac	14.8	24	84	21	0
	62641	PORT SUDAN	40	10	30	02	1	3	Cu	12.0	31	66	24												
NORTH SUDAN	62600	WADI HALFA	360	9	50	00	0	0	—	9.3	33	30	13												
	62640	ABU HAMAD	280	1	30	00	0	0	—	6.3	37	17	8												
	62660	KAREIMA	290	4	30	00	0	0	—	6.5	37	10	0												
	62680	'ATBARA	340	5	30	03	0	1	Cu	5.8	38	15	7												
	62721	KHARTUM	40	5	30	03	0	1	Cu	5.5	38	15	7												
	62730	KASSALA	130	5	30	00	0	0	—	4.3	39	16	9												
CENTRAL SUDAN	62751	WAD MEDANI	90	5	35	02	0	2	Cu	4.3	39	35	6												
	62801	RENK	50	9	50	02	1	4	Sc	4.4	38	18	10												
	62802	ROSEIRES	70	2	7	02	1	4	Ac	3.4	38	25	15												
	62771	EL OBEID	50	13	30	03	0	1	Cs	5.8	35	13	13												
	62760	EL FASHER	00	0	15	00	0	1	Ci		35	10	-1												
	62770	GENEINA	90	7	30	01	1	3	Ac		35	9	-2												
S. SUDAN	62840	MALAKAL	250	1	30	02	0	1	Cb	5.3	35	35	17												
	62880	WAU	310	2	30	03	0	6	Cu	6.4	35	53	24												
	62941	JUBA	130	5	30	03	1	6	Cb	4.7	37	27	15												

HUMIDITY % Mean of day

STATION	3rd	Diff. from normal
Alexandria	73	+5
Ezbekiya	67	0
Giza	70	0
Helwan	49	-6

GIZA GRASS MINIMUM TEMP. ON 4th 9.0°C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On 3rd At 15h.

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 15h.

AIRPORT PRESSURE mbs.	HEIGHT ABOVE M.S.L. FEET	TEMP. °C	HUMID. %	WIND DIR.	WIND VEL.
1000	140	25	41	50	16
950					
900					
850	1551	16	39	10	15
800					
700	3167	12	21	280	6
600					
500	5804	-5		220	32
400		-26			
300	9066	-42		220	31

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 3rd

HEIGHT m.	Port Said TIME 15 DIR.	Port Said VEL.			Miniya TIME 15 DIR.	Miniya VEL.																		
300	40	14			10	20																		
600	50	13			20	20																		
1000	40	8			30	17																		
1500	350	10			20	17																		
2000	350	10			80	10																		
3000	330	11																						
4000																								
5000																								
6000																								
7000																								
8000																								

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

Note: All times G. M. T.

At 0600 on Friday 4th November,

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs	TEMPERATURES °C. Dry Bulb	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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
MEDITERRANEAN	62300	SALUM	40	8	15	03	1	5	Cu	19.2		23	29?		18		65	16	0	dr.		SALUM
	62303	SIDI BARANI	00	0	15	01	0	0	—	20.6		21	27		16		88	19	0	1		SIDI BARANI
	62306	MATRUH	170	2	14	02	1	2	Cu	20.2		19	30		14		60	11	0	tr.		MATRUH
	62309	EL DABA	110	4	15	00	0	0	—	19.5		18	26		12		83	15	0	0		EL DABA
		ALEXANDRIA	130	10	35	03	2	6	St	21.1	+3.4	22	27	+1	18	0	74	17	0	dr.	9	ALEXANDRIA
	62318	FOUAD (Airport)	90	5	14	04	0	1	Sc	20.2		20	26		14		88	18	0	0	8	FOUAD (Airport)
	62330	DAMIETTA	70	2		11	0	0	—	20.2	+3.8	23	24		17		74	18	0	dr.	7	DAMIETTA
	62333	PORT SAID											26						0			PORT SAID
	62336	EL 'ARISH	00	0	35	00	0	0	—	19.4	+3.1	19	24	-2	14	-1	83	16	0	0	5	EL 'ARISH
LOWER EGYPT	62339	DAMANHUR	40	5	3	02	0	0	—	18.8	+1.4	18	26	-2	16	+1	88	16	0	0	5	DAMANHUR
	62342	MANSURA	360	2	35	00	0	0	—	20.4	+3.8	20	27	-1	16	0	88	18	0	0	3	MANSURA
	62348	TANTA	130	2	35	02	0	0	—	20.4	+2.9	19	27	-1	11	-3	88	17	0	0	3	TANTA
	62354	ZAGAZIG	40	2	15	00	0	0	—	19.9	+2.8	19	27	-1	14	0	88	17	0	0	2	ZAGAZIG
	62441	ISMAILIA	140	2	35	02	0	0	—	18.6		19	27		15		83	16	0	dr.		ISMAILIA
CAIRO AREA	62366	FAROUK (Airport)	70	12	12	00	0	0	—	17.4		19			16		83	16	0	0		FAROUK (Airport)
	62379	ALMAZA	40	12	14	00	0	0	—	17.3	+2.3	19	28		15		83	16	0	0		ALMAZA
		EZBEKIYA	40	4	7	00	0	0	—	19.1	+2.1	18	30	+2	15	-1	88	16	0	0	2	EZBEKIYA
		GIZA	40	4	7	00	0	0	—	19.6	+2.4	18	29	+2	14	0	84	16	0	0	3	GIZA
	62378	HELWAN	40	5	7	00	0	0	—	19.2	+1.9	22	30	+3	18	+2	50	11	0	0	1	HELWAN
UPPER EGYPT	62381	FAIYUM	00	0	35	02	0	0	—	19.2	+2.3	19	31	+2	15	0	73	14	0	0	0	FAIYUM
	62387	MINYA	360	2	10	00	0	0	—	18.8		18	30		12		73	13	0	0		MINYA
	62393	ASYUT MANQABAD	320	5	30	00	0	0	—	17.7		20			15		56	11	0	0		ASYUT MANQABAD
	62399	NAG' HAMMADI	00	0	7	00	0	3	Ac	16.6	+1.1	23	30		16		61	15	0	0		NAG' HAMMADI
	62402	QENA	320	2	15	03	2	5	Ac	16.6	+1.6	23	29	-3	19	+3	45	16	0	dr.		QENA
	62405	LUXOR	320	5	30	03	2	6	St.	16.1		22	31		20		61	14	0	0		LUXOR
	62414	ASWAN	20	4	50	01	1	3	Sc,Cu	15.1	+0.6	25	36	+2	22	+3	54	15	0	dr.		ASWAN
OASES	62417	SIWA	00	0	35	00	0	0	—	18.7	+0.3	17	30	+1	12	0	60	9	0	0	0	SIWA
	62420	BAHARIYA	00	0	35	02	0	0	—	19.5	+1.8	20	31	+3	12	-1	73	15	0	0	0	BAHARIYA
	62423	FARAFRA																				FARAFRA
	62432	DAKHLA	00	0	35	00	0	0	—			21	32	+1	14	-1	41	7	0	0		DAKHLA
	62435	KHARGA	360	2	35	00	0	0	—	17.1	+1.2	22	32	+1	18	+2	41	8	0	0		KHARGA
RED SEA	62450	SUEZ	290	5	35	00	0	0	—	18.8	+2.5	19	30	+1	15	-2	83	16	0	0	2	SUEZ
	62459	TOR	310	7	15	00	0	3	Sc,Cu,Ci	15.5	+0.4	22	27	0	18	+2	83	19	0	0	1	TOR
	62462	HURGHADA																		0		HURGHADA
	62465	QUSEIR	360	9	15	00	2	4	Cu	14.3	-0.3	26			22	+1	55	16	0	0	0	QUSEIR
	62641	PORT SUDAN	130	10	10	01	1	2	Cu	15.1		29	33		23		70	23	0	0	17	PORT SUDAN
NORTH SUDAN	62600	WADI HALFA	360	5	30	01	0	1	Sc,Cu	13.5		24					34	7	0	0		WADI HALFA
	62640	ABU HAMAD																		0		ABU HAMAD
	62660	KAREIMA																		dr.	1	KAREIMA
	62680	'ATBARA	50	9	10	00	0	0	—	12.2		28	39		22		37	12	0	0	2	'ATBARA
	62721	KHARTUM	20	10	30	02	0	0	—	11.3		29	39		25		31	10	0	11	4	KHARTUM
	62730	KASSALA																		4	8	KASSALA
CENTRAL SUDAN	62751	WAD MEDANI	40	5	50	00	0	0	—	11.2		28	39		22		40	13	0	7	11	WAD MEDANI
	62801	RENK	130	5	50	02	1	2	Ci	9.7		26	39		22		62	18	0		44	RENK
	62802	ROSEIRES			35	00	0	0	—	9.6		24	39		19		69	18	0	47	31	ROSEIRES
	62771	EL OBEID	20	10	30	03	0	4	Ci	11.8		26	37		22		16	-2	0	24	16	EL OBEID
	62760	EL FASHER	360	8	30	01	0	4	Ci			21	36		16		28	2	0	1	6	EL FASHER
	62770	GENEINA																	0		4	GENEINA
S. SUDAN	62840	MALAKAL	310	4	30	02	2	7	Ac	11.1		26	36		23		79	22	0	38	78	MALAKAL
	62880	WAU	170	12	30	01	2	4	Ac	11.2		24	35		21		89	22	0	164	131	WAU
	62941	JUBA			30	02	1	0	—	11.9		25	37		18		70	19	0	41	103	JUBA

UPPER WIND OBSERVATIONS on 4th

HEIGHT m.	SIDI BARANI TIME 9 DIR.	SIDI BARANI VEL.	MATRUH TIME 9 DIR.	MATRUH VEL.	ROUAD AIRPORT DIR.	ROUAD AIRPORT VEL.	PORT SAID TIME 3 DIR.	PORT SAID VEL.	EL 'ARISH DIR.	EL 'ARISH VEL.	HELWAN DIR.	HELWAN VEL.	MINYA TIME 3 DIR.	MINYA VEL.	ASYUT MANQABAD DIR.	ASYUT MANQABAD VEL.	LUXOR DIR.	LUXOR VEL.	ASWAN DIR.	ASWAN VEL.	HURGHADA DIR.	HURGHADA VEL.	ABU HAMAD TIME 4 DIR.	ABU HAMAD VEL.
300	80	15	100	13			60	14					360	4	320	5							60	34
600	70	17	90	13			60	14					10	7	40	12							60	36
1000	110	15	100	10			40	16					20	9	40	16							40	30
1500	130	8					30	7					30	10	60	14							30	26
2000	150	10													30	10							30	22
3000	170	6													190	3								
4000																								
5000																								
6000																								
7000																								
8000																								

HEIGHT m.	SIWA TIME 9 DIR.	SIWA VEL.	BAHARIYA TIME 9 DIR.	BAHARIYA VEL.	DAKHLA DIR.	DAKHLA VEL.	KHARGA TIME 7 DIR.	KHARGA VEL.	WADI HALFA TIME 4 DIR.	WADI HALFA VEL.	ABU HAMAD DIR.	ABU HAMAD VEL.	KAREIMA DIR.	KAREIMA VEL.	KHARTUM TIME 4 DIR.	KHARTUM VEL.	KASSALA TIME 3 30 DIR.	KASSALA VEL.	EL OBEID DIR.	EL OBEID VEL.	EL FASHER TIME 4 30 DIR.	EL FASHER VEL.	MALAKAL TIME 4 DIR.	MALAKAL VEL.
300	140	6	110	14			20	16	350	11														
600	140	5	90	20			50	18							30	15	90	13					270	3
1000	180	7	80				50	21	40	8					30		100	13			350	9	260	4
1500	210	20	70												40	24	30	16			60	21	20	3
2000	210	10	70	19											30	12	90	6						
3000	250	10	60														130	5			130	4	60	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.

CAIRO

Time of Sunrise 04 12 G. M. T.

" " Sunset 15 05 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date : Sunday 6 th November, , 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	140	8	35	01	0	1	Cu	14.6	30	25	8
	62303	SIDI BARÂNI	70	6	50	01	0	0	—	16.3	28?		
	62306	MATRÛH	120	10	18	00	2	0	—	14.6	26	58	17
	62309	EL DABA	40	12	35	00	0	0	—	15.8	23	74	18
		ALEXANDRIA	40	6	50	00	0	0	—	16.6	24	57	15
	62318	FOUAD (Airport)	40	15	18	02	0	0	—	14.6	26	55	16
	62330	DAMIETTA	40	2	15	03	0	2	Cu	16.2	25	74	20
	62333	PORT SAÏD	50	11	30	02	1	1	Sc	15.7	26	70	20
	62336	EL 'ARISH	320	2	35	01	0	0	—	16.0	25	74	20
LOWER EGYPT	62339	DAMANHUR	40	13	15	02	0	0	—	15.7	27	55	17
	62342	MANSURA	20	13	35	00	0	0	—	16.0	28	62	20
	62348	TANTA	40	8	35	02	0	0	—	16.6	28	52	17
	62354	ZAGAZIG	40	5	35	00	1	0	—	15.2	27	55	17
	62441	ISMAILIA	30	5	35	01	1	2	Ac	16.6	28	49	16
CAIRO AREA	62366	FAROUK (Airport)	40	14	30	00	0	0	—	14.6	28	49	16
	62372	ALMAZA	40	16	30	02	0	1	Ac	14.2	28	49	16
		EZBEKIYA	20	6	35	00	0	1	Cu	14.3	29	52	18
		GIZA	20	6	35	00	0	1	Cu	13.9	29	46	16
	62378	HELWAN	20	15	15	03	1	3	Ac	13.2	29	40	14
UPPER EGYPT	62381	FAIYUM	360	5	35	02	0	0	—	13.8	29	49	17
	62387	MINYA	10	9	12	02	1	1	Ac	13.2	30	40	15
	62393	ASYUT MANQABAD											
	62399	NAG' HAMMADI	270	1	7	03	1	5	Ac	10.8	33	38	17
	62402	QENA	270	2	35	02	1	3	Ci	10.0	33	38	17
	62405	LUXOR											
	62414	ASWÂN	270	2	50	01	1	2	As	8.7	36	22	11
OASES	62417	SIWA	140	6	35	00	0	0	—	18.6	28	52	17
	62420	BAHARIYA	360	5	35	02	1	3	Ac	14.7	27	29	9
	62423	FARAFRA											
	62432	DAKHLA	340	6	50	00	0	0	—	12.8?	30	35	13
	62435	KHARGA	360	4	35	00	0	0	—	12.4	32	15	2
RED SEA	62450	SUEZ	360	3	50	03	0	3	Cu	12.6	30	35	13
	62459	TOR	310	4	15	02	1	7	Ac	11.0	25	70	19
	62462	HURGHADA	350	6	50	03	1	6	Ac	11.9	26	74	21
	62465	QUSEIR	360	9	15	01	1	4	Ac		27	70	21
	62641	PORT SUDAN	70	11	10	07	0	6	Cu, Ci	10.8	33	50	21
NORTH SUDAN	62600	WADI HALFA											
	62640	ABU HAMAD	310	1	30	02	1	6	Sc, Cu, Ci	7.2	37	17	8
	62660	KAREIMA	290	5	30	01	0	2	Sc, Cu, Ci	8.1	35	20	9
	62680	'ATBARA	250	2	30	01	2	3		6.8	37	16	7
	62721	KHARTÛM											
	62730	KASSALA											
CENTRAL SUDAN	62751	WAD MEDANI											
	62801	RENK	310	9	50	02	0	2	Cs		37	24	13
	62802	ROSEIRES	290	2	35	02	0	4	Ac	5.6	38	18	10
	62771	EL OBEID	20	7	30	02	0	2	Ac, Ci	6.2	36	11	1
	62760	EL FASHER			30	01	0	3	Ac		35	20	9
	62770	GENEINA	50	4	30	01	1	6	Ac		34	12	1
S. SUDAN	62840	MALAKAL	310	5	30	03	0	1	Cu, As	5.7	35	37	18
	62880	WAU	100	8		03	2	3	Cu, Ci	6.0	35	35	17
	62941	JUBA											

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	70	1	15	03	1	5	Ac	14.0	25	34	8	0
62303	SIDI BARÂNI	140	9	15	02	0	0	—	15.1	20	83	17	0
62306	MATRÛH	160	5	12	00	0	0	—	16.4	21			0
62309	EL DABA	00	0	7	00	0	0	—		20	88	18	0
	ALEXANDRIA	40	9	15	00	0	0	—	16.3	22	63	19	0
62318	FOUAD (Airport)	40	10	12	02	0	0	—	16.0	19	88	17	0
62330	DAMIETTA	360	2		02	0	2	Ac	15.8	22	67	20	0
62333	PORT SAÏD	40	10	14	01	0	1	Ac	15.1	23	63	21	0
62336	EL 'ARISH	00	0	15	03	1	4	Ac	15.4	22	83	19	0
62339	DAMANHUR	40	9	7	02	0	0	—	17.2	19	83	16	0
62342	MANSURA	360	5		01	1	1	As	15.9	21	83	18	0
62348	TANTA	00	0	35	01	1	2	Cu	16.6	20	83	17	0
62354	ZAGAZIG	90	2	35	00	0	0	—	15.1	21	88	19	0
62441	ISMAILIA	20	2	35	03	1	6	Ac	14.8	22	89	20	0
62366	FAROUK (Airport)												
62372	ALMAZA	40	8	12	02	2	6	Ac, Ci	15.0	23	84	20	0
	EZBEKIYA	20	3	15	00	0	3	Ac	15.2	22	83	19	0
	GIZA	20	3	15	00	0	3	Ac	15.6	23	76	18	0
62378	HELWAN	20	18	15	03	1	4	Ac	14.0	23	74	18	0
62381	FAIYUM	360	5	35	02	0	0	—	13.6	24	69	18	0
62387	MINYA	00	0	10	00	1	0	—	13.3	22	65	15	0
62393	ASYUT MANQABAD												
62399	NAG' HAMMADI	00	0	7	01	1	2	Ac	11.6	23	74	18	0
62402	QENA	270	2	7	03	1	4	Ci	11.1	26	48	14	0
62405	LUXOR	40	4	12	13	2	5	St	10.6	29	31	10	0
62414	ASWÂN	00	0	50	02	1	3	Sc, Cu	9.8	34	22	9	0
62417	SIWA	00	0	35	00	0	0	—	19.4	21	50	10	0
62420	BAHARIYA	360	3	15	02	1	0	—	15.0	23	44	10	0
62423	FARAFRA												
62432	DAKHLA	250	3	35	00	0	0	—	12.5	24	32	6	0
62435	KHARGA	360	1	15	00	0	0	—	11.4	27	27	6	0
62450	SUEZ	310	6	35	03	0	6	Cu	14.0	24	74	19	0
62459	TOR	310	7	7	01	1	6	Ci	12.3	25	74	20	0
62462	HURGHADA	270	4	30	01	1	3	Cu	12.4	22	78	18	0
62465	QUSEIR	20	5	15	01	1	3	Ac	12.3	25	94	24	0
62641	PORT SUDAN												
62600	WADI HALFA												
62640	ABU HAMAD												
62660	KAREIMA												
62680	'ATBARA												
62721	KHARTÛM												
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 6th November,

INDEX NUMBER	STATION	WIND 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	STATION
62300	SALÛM	250	2	15	03	2	7	Cs	14.6		20	31		15		46	8	0	tr.		SALUM
62303	SIDI BARÂNI	160	12	35	03	2	8	As	14.8		20	30		16		73	15	0	1		SIDI BARÂNI
62306	MATRÛH	230	6	15	00	0	0	—	15.4		18	27		14		60	10	0	tr		MATRÛH
62309	EL DABA	320	1		00	0	0	—	15.4		17	23		11		95	17	0	0		EL DABA
	ALEXANDRIA	00	0	50	01	1	2	Cu	15.5	-2.3	24	30	-1	20	+2	74	19	0	dr.	11	ALEXANDRIA
62318	FOUAD (Airport)	340	4	10	02	4	2	Sc	14.9		21	27		15		94	20	0	0	9	FOUAD (Airport)
62330	DAMIETTA	340	2	3	11	1	3	Cu	15.1	-1.3	23	26				89	21	0	dr.	8	DAMIETTA
62333	PORT SAÏD	320	6	9	05	0	4	Cu, Cs	14.9		24	26		22		89	22	0	0		PORT SAÏD
62336	EL 'ARISH	320	2	35	00	1	2	Cu	15.4	-1.3	20	28	+2	15	0	83	17	0	0	6	EL 'ARISH
62339	DAMANHUR	90	5	2	28	4	0	—	15.6	-1.9	18	28	0	15	0	88	16	0	0	6	DAMANHÛR
62342	MANSURA	20	5	35	00	0	0	—	15.4	-1.3	21	29	+1	17	+1	88	19	0	0	4	MANSÛRA
62348	TANTA	220	2	35	02	5	0	—	15.9	-1.7	19	29	+1	13	-1	95	19	0	0	4	TANTA
62354	ZAGAZIG	40	4	15	01	2	4	Sc	15.1	-2.1	21	29	+1	17	+3	83	19	0	0	2	ZAGAZIG
62441	ISMAILIA	270	2	15	10	2	8	Sc	15.5		20	29		19		95	20	0	dr.		ISMAILIA
62366	FAROUK (Airport)																	0	0		FAROUK (Airport)
62372	ALMAZA	20	1	2	44	4	8	St	15.0	-2.1	19	29		19		95	19	0	0		ALMÀZA
	EZBEKIYA	20	3	7	00	0	6	Sc,	15.4	-1.7	20	29	+1	19	+4	94	19	0	0	2	EZBEKÎYA
	GIZA	20	3	7	00	0	6	Sc,	15.8	-1.5	21	29	+2	18	+5	89	19	0	0	3	GÎZA
62378	HELWAN	360	11	7	00	0	1	St.	14.7	-2.7	20	29	+2	18	+2	88	18	0	0	1	HELWÂN
62381	FAIYUM	360	5	35	03	0	1		15.5	-1.5	21	29	0	18	+3	83	18	0	0	0	FAIYÛM
62387	MINYA	10	6	6	00	0	7	Sc	14.2		19	30		17		83	16	0	0		MINYA
62393	ASYUT MANQABAD	280	6	12	00	0	2	Sc			20			18		73	15	0	0		ASYÛT MANQABAD
62399	NAG' HAMMADI	00	0		00	0	0	—	13.6	-2.1	24	34		16		69	18	0	0		NAG' HAMMÂDI
62402	QENA	40	2	35	00	1	0	—	13.8	-1.4	24	35	+3	19	+4	69	18	0	dr.		QENA
62405	LUXOR	20	2	30	00	0	0	—	13.0		24	34		19		74	19	2	2		LUXOR
62414	ASWÂN	10	7	50	00	0	0	—	12.6	-2.2	27	37	+4	23	+5	66	20	0	dr.		ASWÂN
62417	SIWA	00	0	35	00	0	0	—	17.1	-1.4	17	30	+1	12	0	52	7	0	0	0	SÎWA
62420	BAHARIYA	360	2	35	02	1	3	Sc, Cu	16.2	-1.6	17	30	+2	13	0	77	13	0	0	0	BAHARÎYA
62423	FARAFRA																				FARAFRA
62432	DAKHLA	00	0	35	00	0	0	—	14.7	-2.3	21	31	+1	16	+2	57	12	0	0		DAKHLA
62435	KHARGA	70	1	35	00	0	0	—	13.4	-2.6	22	33	+2	16	+3	65	15	0	0		KHARGA
62450	SUEZ	310	6	35	00	0	2	Cu	15.5	-0.8	21	33	+5	18	+1	88	19	0	0	2	SUEZ
62459	TOR	310	3	35	01	1	3	Cu	14.1	-1.1	20	28	+1	16	0	73	15	0	0	1	TOR
62462	HURGHADA	260	4		00	0	0	—	13.2		24			17		47	12	0			HURGHADA
62465	QUSEIR	360	5	15	00	0	1	Cc	13.3	-1.5	25			22	+1	64	22	0	0	0	QUSEIR
62641	PORT SUDAN	290	2	10	01	1	4	Cu, Ci	13.6		29	33		24		66	22	0	0	20	PORT SÛDÂN
62600	WADI HALFA	00	0	30	03	0	1	Ac	11.9		24	35		20		41	10	0	0		WÂDI HALFA
62640	ABU HAMAD	00	0	30	00	0	0	—	11.2		26	37		20		27	5	0	0		ABU HAMAD
62660	KAREIMA	50	1	30	00	0	0	—	11.4		25	36		21		37	10	0	dr.	1	KAREIMA
62680	'ATBARA	50	9	30	02	1	5	Ci	10.9		26	38		18		45	13	0	0	2	'ATBARA
62721	KHARTÛM	10	9	30	01	2	7	Cs	10.7		27	38		22		33	9	0	11	4	KHARTÛM
62730	KASSALA	190	2	30	00	0	0	—	10.4		26	39		18		51	15	0	4	8	KASSALA
62751	WAD MEDANI	360	5	50	02	0	0	—	10.2		29	39		19		23	6	0	7	11	WÂD MEDANI
62801	RENK	360	9	50	02	0	1	Ci	10.3		29	39		19		43	15	0		44	RENK
62802	ROSEIRES	20	2	35	02	0	0	—	11.9		22	39		17		69	16	0	47	31	ROSEIRES
62771	EL OBEID	360	11	30	03	0	3	Ci	11.1		26	36		20		21	2	0	24	16	EL OBEID
62760	EL FASHER	00	0	30	00	0	1	Ci			20	37		16		26	0	0	1	6	EL FÂSHER
62770	GENEINA	50	10	30	01	1	4	Ac			22	35		18		13	-8	0		4	GENEINA
62840	MALAKAL	00	0	30	02	2	7	Ac	10.3		26	36		22		74	21	0	38	79	MALAKÂL
62880	WAU	130	13	30	01	1	2	Ci	11.1		25	35		20		70	19	0	164	133	WÂU
62941	JUBA																	0	41	105	JUBA

HUMIDITY %

Mean of day

STATION	on 5th	Diff from normal
Alexandria	76	+9
Ezbekiya	77	+10
Giza	75	+5
Helwan	71	+16

GIZA

GRASS MINIMUM TEMP.

ON 6th 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

PRESSURE mbs	AIRPORT On 5th At 15h HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.	AIRPORT On ... At ...	AIRPORT On ... At ...
1000	123	27	58	40	14		
950							
900							
850	1520	19	49	110	10		
800							
700	3159	7	43	130	4		
600							
500	5811	-14		70	6		
400		-26					
300	9479	-41		130	5		

UPPER WIND OBSERVATIONS on 5th

STATION	Matruh		Port Said		Minya		Hurghada	
TIME	15		15		15		15	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	100	12	30	19	350	18	340	5
600	100	19	40	18	360	20	80	9
1000	100	16	70	16	350	7	130	5
1500	120	3	100	11	10	9	140	14
2000	140	2	120	17	50	9	170	24
3000								
4000								
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 6th

STATION	SIDI BARANI		MATRÛH		BOUAD AIRPORT		PORT SAÏD		EL 'ARISH		HELWÂN		MINYA		ASYÛT MANQABAD		LUXOR		ASWÂN		HURGHADA		
TIME	9		8 30				4				9 30		4		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	220	11	160	10			40	9			270	4	360	12	00	0			60	5	140	3	
600	200	18	190	10			40	2			40	4	360	13	170	12			90	8	130	10	
1000	210	20	160	10			170	5			180	1	350	17	140	18					120	16	
1500	220	14	200	10			140	5			230	3	340	19	120	1					120	16	
2000	200	17	270	4			140	12			200	3	330	17	140	10					160	22	
3000	190	23	200	6							180	14			160	12							
4000	210	27									190	24											
5000																							
6000																							
7000																							
8000																							

STATION	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FASHER		MALAKÂL	
TIME	9		9				7		4				4				3 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	270	9	320	5			20	10	320	5														
600	200	16	360	9			30	10	330	3			350	18										
1000	190	17	360	17			50	8	360	1			10	15					20	23				
1500	220	16	360	21			80	7	310	4			40	19			70	7	50	11				
2000	200	7	310	16			140	8					00	26										
3000	160	12	250	16			130	16	10	5														
4000	230	11	210	22			150	11	210	13														
5000			190	23			240	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.

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

CAIRO

Time of Sunrise 04 12 G.M.T.

" " Sunset 15 05 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date : Saturday 5th November, , 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	RAIN PAST 12 hrs mms.
MEDITERRANEAN	62300	SALÛM	40	11	35	01	0	3	Cu	16.4	23	74	18	0
	62303	SÎDI BARÂNÎ	40	12	35	01	0	0	—	18.2	23	88	21	0
	62306	MATRÛH	80	7	18	02	1	4	Cu	19.0	23	69	17	0
	62309	EL DABA	30	9	35	01	1	2	Cu	18.7	23	74	18	0
		ALEXANDRIA	90	10	60	00	0	0	—	17.5	23	74	18	0
	62318	FOUAD (Airport)	40	15	18	02	0	0	—	16.3	26	62	18	0
	62330	DAMIETTA	360	5	7	03	1	4	Cu	19.4	24	69	18	0
	62333	PORT SAÏD												
	62336	EL 'ARISH	360	2	35	02	0	0	—	18.7	24	74	19	0
LOWER EGYPT	62339	DAMANHUR	90	9	15	02	0	0	—	19.6	27	55	17	0
	62342	MANSURA	40	9	35	00	0	0	—	19.1	29	46	16	0
	62348	TANTA	40	5	35	01	1	4	Cu	19.0	29	46	16	0
	62354	ZAGAZIG	40	5	35	00	0	0	—	18.8	27	52	16	0
	62441	ISMAÏLIA	20	2	35	02	0	0	—	17.1	27	42	13	0
CAIRO AREA	62366	FAROUK (Airport)	70	14	30	00	0	0	—	17.9	28	33	10	
	62372	ALMÀZA	40	13	30	00	0	0	—	17.5	28	37	12	0
		EZBEKÎYA	40	8	35	00	0	0	—	17.6	30	33	12	0
		GÎZA	40	8	35	00	0	0	—	18.0	29	38	13	0
	62378	HELWÂN	20	20	15	02	0	1	Cu	17.2	29	23	6	0
UPPER EGYPT	62381	FAIYÛM	360	8	35	02	0	0	—	16.3	31	28	10	0
	62387	MINYA	10	12	12	00	1	0	—	16.1	30	27	9	0
	62393	ASYÛT MANQABAD	320	7	30	02	1	2	ac	15.4	28	49	16	
	62399	NAG' HAMMADI	00	0	15	02	0	5	ac	14.0	30	46	17	0
	62402	QENA	270	2	35	02	2	5	ac	12.6	31	49	19	0
	62405	LUXOR												
	62414	ASWÂN	00	0	50	00	0	0	—	10.8	35	42	20	0
OASES	62417	SÎWA	00	0	35	00	0	0	—	18.3	29	46	16	0
	62420	BAHARÎYA	360	5	35	02	0	0	—	17.0	32	28	11	0
	62423	FARAFRA												
	62432	DAKHLA	360	13	50	00	0	0	—	15.2	31	28	10	0
	62435	KHARGA	360	4	35	00	0	0	—	13.6	32	24	9	0
RED SEA	62450	SUEZ	360	8	50	02	0	0	—	15.9	29	35	12	0
	62459	TÛR	310	6	15	10	2	5	ac	14.7	27	62	19	0
	62462	HURGHÂDA												
	62465	QUSEIR	360	9	15	01	1	2	as	14.2	29	59	20	
	62641	PORT SÛDÂN	40	12	30	01	0	1	Cu	12.8	31	70	25	
NORTH SÛDÂN	62600	WÂDI HALFA												
	62640	ABU HAMAD	00	0	30	00	0	0	—	8.2	37	20	11	
	62660	KAREIMA	340	5	30	00	0	0	—	8.6	36	17	7	
	62680	'ATBARA	20	5	30	00	0	0	—	7.1			10	
	62721	KHARTÛM	30	10	30	02	0	1	Cu	6.6	38	18	10	
	62730	KASSALA	00	0	30	00	0	0	—	5.0	39	16	9	
CENTRAL SÛDÂN	62751	WÂD MEDANI												
	62801	RENK	130	13	50	02	1	4	Sc	3.8	39	16	9	
	62802	ROSEIRES	110	2	50	00	0	0	—	3.6	39			
	62771	EL OBEID	70	4	30	01	1	4	Ci	6.9	35	10	-1	
	62760	EL FÂSHER	70	3	30	02	0	2	Ci		35	18	7	
	62770	GENEINA	350	4	30	01	1	3	ac, Ci		34	12	1	
S. SÛDÂN	62840	MALAKÂL	340	4	30	03	1	6	Cu, ac	6.6	35	39	19	
	62880	WÂU	330	2	30	03	1	6	Cu, ac	6.2	35	32	16	
	62941	JUBA												

At 1800 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	RAIN PAST 12 hrs mms.
MEDITERRANEAN	62300	SALÛM	90	13	15	03	2	6	Cu	20.0	22	83	19	0
	62303	SÎDI BARÂNÎ	90	6	15	03	0	1	Cu	20.2	20	95	20	0
	62306	MATRÛH	120	8	12	01	1	2	Cu	20.0	20	83	17	0
	62309	EL DABA	90	9	7	02	2	3	Cu	20.0	21	83	18	0
		ALEXANDRIA	90	8	15	01	1	2	Sc,Cu	20.4	22	74	17	0
	62318	FOUAD (Airport)	40	4	10	03	0	2	Sc	20.5	19	88	17	0
	62330	DAMIETTA	360	5		01	0	2	Cu	20.0	22	83	19	0
	62333	PORT SAÏD	40	14	14	01	0	0	—	19.7	22	78	18	0
	62336	EL 'ARISH	20	5	15	03	1	3	Cu	19.1	23	74	18	0
LOWER EGYPT	62339	DAMANHUR	40	13	7	02	0	0	—	19.9	19	83	16	0
	62342	MANSURA	40	5		00	0	0	—	20.6	21	83	18	0
	62348	TANTA	00	0	35	01	1	2	Cu	20.4	19	83	16	0
	62354	ZAGAZIG	40	2	35	00	0	0	—	19.9	20	88	18	0
	62441	ISMAÏLIA	20	2	35	02	0	0	—	18.7	20	88	18	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMÀZA	40	10	12	00	0	0	—	19.3	21	88	19	0
		EZBEKÎYA	40	4	15	00	0	0	—	19.5	21	78	17	0
		GÎZA	40	4	15	00	0	0	—	19.5	21	87	19	0
	62378	HELWÂN	20	33	15	32	3	1	Cu	18.1	22	74	17	0
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0	—	17.6	24	47	12	0
	62387	MINYA	360	6	10	00	0	0	—	16.5	21	44	8	0
	62393	ASYÛT MANQABAD												
	62399	NAG' HAMMADI	00	0		00	0	2	ac	13.9	23	61	15	0
	62402	QENA	270	2	35	02	2	5	ac	13.9	27	37	11	0
	62405	LUXOR	30	6	12	01	2	3	Sc	13.3	26	42	12	0
	62414	ASWÂN	360	6	50	00	6	0	—	11.8	33	32	14	0
OASES	62417	SÎWA	00	0	35	00	0	0	—	19.1	21	50	10	0
	62420	BAHARÎYA	40	5	15	02	0	0	—	17.9	25	28	5	0
	62423	FARAFRA												
	62432	DAKHLA	360	13	35	00	0	0	—	14.4	27	27	6	0
	62435	KHARGA	00	0	15	00	0	3	ac	13.0	26	30	7	0
RED SEA	62450	SUEZ	310	5	35	02	0	0	—	17.8	22	65	15	0
	62459	TÛR	310	6	15	10	1	3	ac		25	74	20	0
	62462	HURGHÂDA												
	62465	QUSEIR												
	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 5th November

AREA	INDEX NUMBER	STATION	WIND 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	TEMPERATURES °C MAXIMUM Yesterday	TEMPERATURES °C MAXIMUM Diff. from normal	TEMPERATURES °C MINIMUM Today	TEMPERATURES °C 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.
MEDITERRANEAN	62300	SALÛM	180	3	2	10	2	7	Sc,Cu	17.9		18	26		13		88	16	0	dr.	
	62303	SÎDI BARÂNÎ	130	11	35	03	2	8		18.7		18	24		16		88	16	0	1	
	62306	MATRÛH	00	0	18	02	1	1	Cu	19.0		21	25		14		78	17	0	tr.	
	62309	EL DABA	180	3	0·8	00	0	0	—	18.0		17	23		14		95	17	0	0	
		ALEXANDRIA	40	7	50	01	1	3	Cu	19.0	+1.3	22	27	+1	19	+1	83	19	0	dr.	10
	62318	FOUAD (Airport)	40	4	8	03	0	2	Sc	18.7		21	26				88	19	0	0	9
	62330	DAMIETTA	20	2	1.8	11	0	0	—	18.3	+1.9	23	25		19		74	18	0	dr.	8
	62333	PORT SAÏD	50	11	12	03	0	0	—	18.0		23	26		22		84	20	0	0	
	62336	EL 'ARISH	00	0	35	00	1	5	Sc	18.0	+1.7	23	26	0	16	+1	74	18	0	0	5
LOWER EGYPT	62339	DAMANHUR	40	5	2	28	4	0	—	19.2	+1.7	18	27	−1	14	−1	83	15	0	0	5
	62342	MANSURA	20	5	35	00	0	0	—	19.1	+2.4	21	29	+1	17	+1	83	18	0	0	3
	62348	TANTA	360	2	35	02	1	0	—	19.2	+1.7	18	29	+1	11	−3	95	18	0	0	3
	62354	ZAGAZIG	40	2	0·8	43	4	8	Sc	18.0	+0.9	18	29	+1	15	+1	88	16	0	0	2
	62441	ISMAÏLIA	360	2	35	03	1	6	Fs,Fc.	17.5		19	28		15		88	17	0	dr.	
CAIRO AREA	62366	FAROUK (Airport)	70		12	02	2	5	Sc	18.5?		19					95	18	0	0	
	62372	ALMÀZA	40	13	13	03	1	6	Sc	17.6		20	29		15		88	18	0	0	
		EZBEKÎYA	40	2	7	00	0	5	Sc	17.8	+0.7	19	30	+2	16	+1	88	17	0	0	2
		GÎZA	40	2	7	00	0	5	Sc	18.2	+1.0	19	29	+2	14	+1	88	17	0	0	3
	62378	HELWÂN	20	12	15	00	1	3	St.	16.7	−0.7	21	30	+3	19	+3	74	16	0	0	1
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0	—	16.6	−0.3	21	32	+3	16	+1	83	18	0	0	0
	62387	MINYA	360	7	10	01	1	2	Sc	15.9		19	31		16		56	10	0	0	
	62393	ASYÛT MANQABAD	320	3	30	00	0	3	Ci	15.3		19			15		83	16	0	0	
	62399	NAG' HAMMADI	290	1		03	1	3	ac	14.0	−1.6	23	32		17?		61	15	0	0	
	62402	QENA	40	2	15	01	2	3	Ci	13.5	−1.6	25	34	+2	22?	+7	42	11	0	dr.	
	62405	LUXOR	40	3	30	04	1	6	Sc	13.6		23	33		19		61	15	0	0	
	62414	ASWÂN	90	10	50	00	0	0	—	13.1	−1.5	26	36	+3	23	+5	62	18	0	dr.	
OASES	62417	SÎWA	00	0	35	00	0	0	—	19.8	+1.3	18	30	+1	11	−1	52	8	0	0	0
	62420	BAHARÎYA	360	5	35	02	1	3	Sc,Cu	18.0	+0.2	17	32	+4	15	−2	88	15	0	0	0
	62423	FARAFRA																			
	62432	DAKHLA	320	6	35	00	0	0	—	15.9	−1.1	20	32	+1	16	+2	56	11	0	0	
	62435	KHARGA	40	11	35	00	0	0	—	14.7	−1.2	22	32	+1	18	+3	50	11	0	0	
RED SEA	62450	SUEZ	310	5	35	00	0	0	—	16.8	+0.5	21	30	+2	18	+1	83	18	0	0	2
	62459	TÛR	310	3	35	00	0	2	ac	14.3	−0.9	20	27	0	19	+3	73	15	0	0	1
	62462	HURGHADA																		0	
	62465	QUSEIR	360	9	15	00	2	7	ac	14.7?	0.0	25			22	+1	70	19	0	0	0
	62641	PORT SÛDÂN	280	2	30	03	0	2	Cu	15.0		29	33		23		70	23	0	0	19
NORTH SÛDÂN	62600	WÂDI HALFA	00	0	30	00	0	0	—	12.0		25	34		21		32	7	0	0	
	62640	ABU HAMAD	130	1	30	00	0	0	—	11.5		25	38		20		30	6	0	0	
	62660	KAREIMA	360	1	30	00	0	0	—	12.2		25	37		20		39	10	0	dr.	1
	62680	'ATBARA	50	5	30	02	2	8	Ci	11.3		27	38		21		33	9	0	0	2
	62721	KHARTÛM	360	6	30	02	1	4	Ci	10.8		28	38		23		29	8	0	11	4
	62730	KASSALA	130	5	30	00	0	0	—	9.6		31	40		20		29	11	0	4	8
CENTRAL SÛDÂN	62751	WÂD MEDANI	50	5	50	00	0	0	—	9.6		26	40		20		32	8	0	7	11
	62801	RENK	360	9	50	01	1	4	Ci	9.0		28	40		18		40	13	0		44
	62802	ROSEIRES	200	2	35	02	0	0	—	9.8		24	39		18		69	68	0	47	31
	62771	EL OBEID	360	10	30	02	1	1	Ci	11.1		26	37		21		21	2	0	24	16
	62760	EL FÂSHER	00	0	30	00	0	0	—			20	36		16		26	0	0	1	6
	62770	GENEINA	40	5	30	02	1	7	ac			21	36		20		13	−9	0		4
S. SÛDÂN	62840	MALAKÂL	240	3	30	00	0	1	ac	10·1		27	35		23		70	21	0	38	78
	62880	WÂU	180	1	30	03	2	8	ac, cs	10·6		25	35		21		74	20	0	164	132
	62941	JUBA	180	2	30	02	2	7		11.1		25	37		18		65	18	0	41	104

HUMIDITY %

Mean of day

STATION	on 4th	Diff from normal
Alexandria	70	+3
Ezbekîya	74	+7
Giza	78	+8
Helwân	57	+2

GÎZA

GRASS MINIMUM TEMP.

ON 5th 8.0 °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 4th At 15h AIRPORT

PRESSURE mbs.	HEIGHT ABOVE M.S.L. metres	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	158	25	42	50	15
950					
900					
850	1559	15	32	50	22
800					
700	3172	3	25	70	5
600					
500	5804	-14		270	4
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 4th

STATION	Matruh		Port Said		Minya		Asyut (Man).															
TIME	15		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.
300	70	22			40	19	360	26	330	19												
600	70	21			40	11	10	23	340	16												
1000	120	11			20	16	20	19	360	10												
1500	180	12					40	19	10	13												
2000	180	9					30	10	50	10												
3000	210	10							80	5												
4000									180	4												
5000									190	23												
6000																						
7000																						
8000																						

UPPER WIND OBSERVATIONS on 5th

STATION	SÎDI BARÂNÎ		MATRÛH		FOUAD AIRPORT		PORT SAÏD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABAD		LUXOR		ASWÂN		HURGHADA		
TIME	9						3				8 45		4		9				5				
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	130	20					40	13			40	16	20	14	300	6			80	12				
600	150	15					70	16			40	16	60	15	350	4			90	13				
1000	180	16					60	14			40	8	30	8	20	11			130	15				
1500	180	20					70	11			70	23	60	10	30	16			140	6				
2000	190	18					100	6			130	8	350	7					170	29				
3000	40	10					210	4			140	8	310	5					150	23				
4000	320	14									180	7							150	15				
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9				7		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	110	18	10	29			20	10	350	9														
600	130	18	20	31			50	11	10	7													280	7
1000	150	16					40	10	330	2									30	31	350	11	270	7
1500	160	15					30	14	10	9									40	23	30	17	50	5
2000	340	14					70	10											30	15				
3000	340	18					80	3	260	4									50	11	150	7	20	12
4000	320	12							270	11														
5000	330	17																						
6000	220	9																						
7000	230	12																						
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of cloude are explained at the back of 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.

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

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

Form Nº 7 F.

DAILY WEATHER REPORT

Date: Monday 7th November, 1949

At 1200 on Sun. 6th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	220	5	35	03	2	6		13.3	30	19	4
	62303	SÎDI BARÂNI	200	10	35	01	2	6	ac	14.7?	28	58	19
	62306	MATRÛH	40	8	18	02	1	3	ci	14.3?	27?	33	9
	62309	EL DABʿA	40	6	18	11	1	2	cu	13.9?	28?		
		ALEXANDRIA	40	3	50	02	2	4	cb, ci	14.6	24	74	19
	62318	FOUAD (Airport)	340	8	18	03	0	1	ci	14.7	26	62	18
	62330	DAMIETTA	340	5	15	00	0	0	—	14.0	27	70	21
	62333	PORT SAʿÎD	340	3	30	03	0	2	sc cu	13.9	26	79	22
	62336	EL ʿARISH	00	0	35	02	1	3	cu, ci	14.3	25	70	19
Lower Egypt	62339	DAMANHUR	40	5	15	02	0	0	—	15.0	29	46	16
	62342	MANṢURA	360	5	35	00	0	0	—	14.2	30	46	17
	62348	ṬANṬA	00	0	35	02	0	0	—	15.0	29	46	16
	62354	ZAGAZIG	320	5	35	00	1	0	—	13.5	29	59	20
	62441	ISMAʿILÎA	160	2	35	01	1	2	ac, ci	15.2	31	59	22
Cairo Area	62366	FAROUK (Airport)											
	62372	ALMÂZA	340	8	30	00	0	1	ci	13.2	30	49	18
		EZBEKÎYA	340	5	35	00	0	1	cs	13.4	29	52	18
		GÎZA	340	5	35	00	0	1	cs	13.6	30	48	17
	62376	HELWÂN	290	13	7	06	1	3	ac, ci	13.2	30	40	15
Upper Egypt	62381	FAIYÛM	360	2	35	01	0	0	—	13.4	31	49	19
	62387	MINYA	360	5	12	03	2	3	ac, ci	12.6	31	38	15
	62393	ASYÛT MANQABAD	00	0	18	01	0	1	cu	12.0	30	43	16
	62399	NAGʿ HAMMADI	00	0	7	00	0	0	—	11.0	34	41	19
	62402	QENA	130	2	50	00	0	0	—	10.8	33	34	15
	62405	LUXOR											
	62414	ASWÂN	220	3	50	03	2	4	as	9.1	36	24	12
Oases	62417	SÎWA	220	7	35	00	0	0	—	16.7	27	52	16
	62420	BAHARÎYA	360	4	35	02	1	3	ac	14.3	30	35	13
	62423	FARAFRA											
	62432	DAKHLA	360	13	50	00	0	0	—	12.3?	32	20	6
	62435	KHARGA	00	0	35	00	0	0	—	12.4	32	34	14
Red Sea	62450	SUEZ	40	6	50	03	0	3	cu	13.0	28	58	19
	62459	TÔR	310	3	35	01	1	0	—	12.2	28	62	20
	62462	HURGHÂDA	70	8		00	0	0	—	12.0?	27	83	24
	62465	QUSEIR	90	5	15	02	0	0	—	12.3?	28	79	24
	62641	PORT SÛDÂN											
North Sûdân	62600	WÂDI HALFA											
	62640	ABU ḤAMAD											
	62660	KAREIMA											
	62680	ʿAṬBARA											
	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. 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	20	2	15	01	0	3	ci	14.4	20	64	13	0
SÎDI BARÂNI	90	2	15	01	1	2	as, ci	15.4	20	95	20	0
MATRÛH	160	2	12	01	1	1	ac	15.1	18	83	15	0
EL DABʿA	40	12	7	00	0	0	—	14.7	18	83	15	0
ALEXANDRIA	360	3	50	01	1	2	sc, cu	15.9	22	83	19	0
FOUAD (Airport)	20	4	12	01	0	1	ci	16.0	20	94	19	0
DAMIETTA	320	2	2	03	0	1	ac	15.6	22	95	22	0
PORT SAʿÎD	360	4	12	02	1	1	ci	15.0	23	89	21	0
EL ʿARISH	00	0	7	03	2	8	st.	15.0	22	89	20	0
DAMANHUR	40	9	7	02	0	0	—	15.4	18	88	16	0
MANṢURA	360	5		01	1	1	ci	15.5	21	88	19	0
ṬANṬA	00	0	35	01	1	4	cu	16.0	20	83	17	0
ZAGAZIG	40	2	35	00	0	0	—	15.0	22	47	10	0
ISMAʿILÎA	20	2	35	03	1	3	ac	15.2	23	84	20	0
FAROUK (Airport)												
ALMÂZA	50	4	14	01	2	2	ac, ci	15.0	24	69	18	0
EZBEKÎYA	20	2	15	00	0	0	—	15.4	23	74	18	0
GÎZA	20	2	15	00	0	0	—	15.2	23	79	17	0
HELWÂN	340	4	7	02	2	0	—	14.8	26	65	16	0
FAIYÛM	360	5	35	03	1	4	cs	14.7	23	74	18	0
MINYA	00	0	10	03	1	3	ac	13.8	22	57	13	0
ASYÛT MANQABAD												
NAGʿ HAMMADI	00	0	7	00	0	0	—	12.6	23	74	18	0
QENA	270	2	7	00	0	0	—	12.4	24	74	19	0
LUXOR	40	8	12	03	1	4	sc	12.4	28	49	16	0
ASWÂN	90	4	50	02	8	4	st.	11.0	34	23	10	dr.
SÎWA	00	0	35	00	0	0	—	16.8	19	46	7	0
BAHARÎYA	360	4	15	02	1	4		16.4	24	38	9	0
FARAFRA												
DAKHLA	270	5	35	00	0	0	—	14.4	25	34	8	0
KHARGA	20	0	15	03	0	0	—	12.0	28	33	10	0
SUEZ	00	0	35	01	0	1	cu	15.1	23	65	16	0
TÔR	20	3	15	00	0	0	—	13.8	22	57	13	0
HURGHÂDA	220	4		00	0	0	—	13.2?	22	88	20	0
QUSEIR	40	5	15	02	0	0	—	13.3?	26	84	23	0
PORT SÛDÂN												
WÂDI HALFA												
ABU ḤAMAD												
KAREIMA												
ʿAṬBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Monday 7th November

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. M.S.L. mbs.	Bar. Diff. from normal mbs.	Dry Bulb	Max. Yesterday	Max. Diff. from normal	Min. Today	Min. Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	270	11	15	00	0	3	ci	15.5		18	30		14		73	13	0	dr.	
SÎDI BARÂNI	200	3	35	03	0	4	ac, ci	17.2		18	29		14		95	18	0	1	
MATRÛH	260	7	15	01	0	1	sc	17.0		20	30		16		83	17	0	tr.	
EL DABʿA	220	2	15	00	0	0	—			17	30		12		95	17	0	0	
ALEXANDRIA	130	3	15	02	2	3	sc, cu, ac	17.4	-0.4	19	26	0	17	-1	88	17	0	dr.	12
FOUAD (Airport)	00	0	0.7	44	4	0	—	17.1		17	27		13		95	17	0	0	10
DAMIETTA	290	2	0.8	12	1	2	cu	17.8	+1.4	20	29				95	20	0	dr.	9
PORT SAʿÎD	300	1	8	05	0	4	sc, sc	17.3		23	27		20		89	21	0	0	
EL ʿARISH	00	0	35	02	1	5	sc, ci	17.0	+0.5	19	28	+2	14	0	83	16	0	0	6
DAMANHÛR	230	5	0.4	45	4	4		17.4	-0.1	16	29	+1	14	-1	95	16	0	0	6
MANṢÛRA	110	2	2	49	4	0	—	17.6	+0.9	20	32	+4	18	+3	88	18	0	0	4
ṬANṬA	00	0	3	03	4	8	ac	18.2	+0.6	19	31	+3	13	-1	88	17	0	0	4
ZAGAZIG	140	2	0.8	43	4	8	sc, cu	17.4	+0.2	19	31	+3	16	+2	95	19	0	0	2
ISMAʿILÎA	290	2	3	10	2	7	as	17.2		20	33		19		95	20	0	dr.	
FAROUK (Airport)																	0	0	
ALMÂZA	80	2	10	03	4	6	ac	17.5	+0.3	18	30		16		95	18	0	0	
EZBEKÎYA	00	0	0.2	40	4	8	sc	17.6	+0.4	19	30	+2	18	+3	94	18	0	0	2
GÎZA	00	0	0.2	40	4	8	sc	17.8	+0.5	19?	30	+3	17	+4	98	12	0	0	3
HELWÂN	360	6	7	00	2	7	ac	17.0	-0.5	24?	30	+3	17	+1	47	12	0	0	1
FAIYÛM	360	5	35	02	2	7	st.	17.4	+0.4	22	31	+2	19	+5	74	17	0	0	0
MINYA	360	5	10	01	2	6	ac	16.2		22	32		19		69	16	0	0	
ASYÛT MANQABAD	00	0	30	00	0	6	ac	16.6		23			18		65	16	0	0	
NAGʿ ḤAMMÂDI	00	0		02	0	0	—	16.0	+0.3	26	36		17		62	18	0	0	
QENA	40	2	15	01	0	2	ci	16.2	+0.9	24	33	+1	21		74	19	0	dr.	
LUXOR	20	5	30	00	0	0	—	15.6			36		21				0	2	
ASWÂN	40	5		00	0	0	—	14.8	-0.1	25	37	+4	23		37	10	dr.	dr.	
SÎWA	00	0	35	00	0	0	—	19.3	+0.7	16	29	0	12	+1	57	8	0	0	0
BAHARÎYA	00	0	35	02	1	3	ac	16.7	-1.2	21	31	+3	14	+1	57	12	0	0	0
FARAFRA																			
DAKHLA	320	3	35	00	0	0	—	15.2	-1.9	22	32	+2	19	+5	36	6	0	0	
KHARGA	20	1	35	01	0	2	ac	14.8	-1.3	24	32	+2	21	+6	54	14	0	0	
SUEZ	00	0	50	00	0	0	—	17.1	+0.7	20	32	+4	17	0	88	18	0	0	3
ṬÔR	20	2	35	00	0	0	—	16.6	+1.4	17	28	+1	15	-1	77	13	0	0	1
HURGHADA											28								
QUSEIR	330	2	15	00	1	6	as	16.3	+1.5	26			22	+1	74	21	0	0	1
PORT SÛDÂN																	0	0	22
WÂDI HALFA	00	0	30	00	0	0	—	14.1		23	35		19		47	11	0	0	
ABU ḤAMAD	110	1	30	00	0	0	—	12.5		25	37		20		36	9	0	0	
KAREIMA	360	2	30	00	0	0	—	13.3		25	36		19		36	9	0	dr.	1
ʿAṬBARA	50	5	10	00	0	0	—	12.4		26	38		21		51	15	0	0	2
KHARTÛM	350	8	30	02	0	0	—	11.8		27	38		22		33	9	0	11	4
KASSALA	230	2	30	00	0	0	—	10.1		32	38		22		41	17	0	4	8
WÂD MEDANI	50	9	50	02	0	0	—	10.8		27	38		18		23	4	0	7	11
RENK	360	9	50	02	0	1					38		18			17	0		45
ROSEIRES																	0	47	32
EL OBEID																	0	24	16
EL FÂSHER	00	0	30	01	0	3	ci			19	35		15		28	0	0	1	6
GENEINA	50	5	30	00	0	1	ac			21	36		20		20	-4	0		4
MALAKÂL	360	3	30	00	0	0	—	11.0		25	34		23		79	21	0	38	79
WÂU	00	0	30	00	1	2	ci	9.8			35		20			19	0	164	134
JUBA	180	2	30	01	1	0	—	9.0		25	37		17		65	18	0	41	106

HUMIDITY % Mean of day

Station	on 6th	Diff. from normal
Alexandria	76	+9
Ezbekîya	76	+8
Gîza	79	+9
Helwân	67	+11

GÎZA
GRASS MINIMUM TEMP. on 7th 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, On 6th At 15h

Pressure mbs.	Height above M.S.L. (metres)	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	114	28	49	240	9
950					
900					
850	1528	17	26	20	3
800					
700	3148	5	45	190	17
600					
500	5811	-12		230	15
400		-23			
300	9509	-43		240	38

RAWINSONDE — … AIRPORT, On … At … (blank); … AIRPORT, On … At … (blank): pressure levels 1000, 950, 900, 850, 800, 700, 600, 500, 400, 300 mbs.

UPPER WIND OBSERVATIONS on 6th

Height m.	Matruh (14 30) Dir.	Vel.	Port Said (14 30) Dir.	Vel.	Minya (15) Dir.	Vel.	Asyut (Man.) (15) Dir.	Vel.	Hurghada (15) Dir.	Vel.
300	70	8	320	16	360	16	300	10	140	14
600	120	3	310	6	360	13	320	10	140	15
1000	150	4	210	3	20	10	350	9	140	17
1500	230	10	230	5	50	8	50	7	160	16
2000	150	3	250	5	70	6	100	10	140	16
3000	200	15	160	12			150	11	140	5
4000			210	17					140	11
5000			210	10					140	11
6000										
7000										
8000										

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

UPPER WIND OBSERVATIONS on 7th

Height m.	Sîdi Barâni (9) Dir.	Vel.	Matrûh (8 30) Dir.	Vel.	Fouad Airport Dir.	Vel.	Port Saʿîd (3) Dir.	Vel.	El ʿArîsh Dir.	Vel.	Helwân (10) Dir.	Vel.	Minya (3 15) Dir.	Vel.	Asyût Manqabâd (9) Dir.	Vel.	Luxor (8 45) Dir.	Vel.	Aswân (5) Dir.	Vel.	Hurghada Dir.	Vel.	Almaza (8 30) Dir.	Vel.
300	260	4	220	13			60	3			310	9	30	13	160	4	350	10	40	5			40	6
600	220	10	220	11			20	3			180	3	80	7	170	5	120	3	100	16			80	16
1000	230	21	220	9			60	3			140	3	40	9	300	1	90	3	150	10			120	8
1500	220	21	240	13			90	3			330	3	140	4	70	4	100	12	100	11			340	8
2000	210	19	230	23			110	3			210	5	220	4	70	9	130	6	90	10			330	3
3000	230	35	210	23							160	9			70	3	180	6	160	13			150	9
4000			220	28							180	11							210	13			170	10
5000																			220	19				
6000																								
7000																								
8000																								

Height m.	Sîwa (9) Dir.	Vel.	Baharîya (9) Dir.	Vel.	Dakhla Dir.	Vel.	Kharga (7) Dir.	Vel.	Wâdi Halfa (4) Dir.	Vel.	Abû Ḥamad Dir.	Vel.	Kareima Dir.	Vel.	Khartûm (4) Dir.	Vel.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fâsher (4 15) Dir.	Vel.	Malakâl (4) Dir.	Vel.
300	160	17	70	13			20	12	330	4														
600	170	19	60	9			70	10	20	5					10	21							30	6
1000	200	17	140	6			90	10	50	4					20	24					360	9	30	11
1500	200	16	100	30			80	7	10	5					30	9					60	2	30	22
2000	240	22	108	11			140	7							90	5								
3000	250	20	80	14			120	10	170	16					280	5					90	5	70	15
4000	250	23	300	12											300	7								
5000	220	23	250	16											150	13								
6000															130	6								
7000															170	7								
8000																								

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

Note: All times G. M. T.

CAIRO

Time of Sunrise 04 12 G. M. T.

" " Sunset 15 05 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date : Sunday 6th November, , 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	140	8	35	01	0	1	Cu	14.6	30?	25	8
	62303	SÎDI BARÂNI	70	6	50	01	0	0	—	16.3	26?		
	62306	MATRÛH	120	10	18	00	2	0	—	16.6	26	58	17
	62309	EL DABA	40	12	35	00	0	0	—	15.8	23	74	18
		ALEXANDRIA	40	6	50	00	0	0	—	16.6	24	57	15
	62318	FOUAD (Airport)	40	15	18	02	0	0	—	16.6	26	55	16
	62330	DAMIETTA	40	2	15	03	0	2	Cu	16.2	25	74	20
	62333	PORT SA'ÎD	50	11	30	02	1	1	Sc	15.7	26	70	20
	62336	EL 'ARISH	320	2	35	01	0	0	—	16.0	25	74	20
LOWER EGYPT	62339	DAMANHÛR	40	13	15	02	0	0	—	15.7	27	55	17
	62342	MANSÛRA	20	13	35	00	0	0	—	16.0	28	62	20
	62348	TANTA	40	8	35	02	0	0	—	16.6	28	52	17
	62354	ZAGAZIG	40	5	35	00	1	0	—	15.2	27	55	17
	62441	ISMA'ÎLIA	30	5	35	01	1	2	Ac	16.6	28	49	16
CAIRO AREA	62366	FAROUK (Airport)	40	14	30	00	0	0	—	14.6	28	49	16
	62372	ALMÂZA	40	16	30	02	0	1	Cu	14.2	28	49	16
		EZBEKÎYA	20	6	35	00	0	1	Cu	14.3	29	52	18
		GÎZA	20	6	35	00	0	1	Cu	13.9	29	46	16
	62378	HELWÂN	20	15	15	03	1	3	Ac	13.2	29	40	14
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0	—	13.8	29	49	17
	62387	MINYA	10	9	12	02	1	1	Ac	13.2	30	40	15
	62393	ASYÛT MANQABÂD											
	62399	NAG' HAMMÂDI	270	1	7	03	1	5	Ac	10.8	33	38	17
	62402	QENA	270	2	35	02	1	3	Ci	10.0	33	38	17
	62405	LUXOR											
	62414	ASWÂN	270	2	50	01	1	2	As	8.7	36	22	11
OASES	62417	SÎWA	140	6	35	00	0	0	—	18.6	28	52	17
	62420	BAHARÎYA	360	5	35	02	1	3	Ac	14.7	29	29	9
	62423	FARAFRA											
	62432	DAKHLA	340	6	50	00	0	0	—	12.8?	30	35	13
	62435	KHARGA	360	4	35	00	0	0	—	12.4	32	15	2
RED SEA	62450	SUEZ	360	3	50	03	0	3	Ac	12.6	30	35	13
	62459	TÛR	310	4	15	02	1	7	Ac	11.0	25	70	19
	62462	HURGHÂDA	350	6	50	03	1	6	Ac	11.9	26	74	21
	62465	QUSEIR	360	9	15	01	1	4	Ac		27	70	21
	62641	PORT SUDAN	70	11	10	07	0	6	Ac, Ci	10.8	33	50	21
NORTH SUDAN	62600	WÂDI HALFA											
	62640	ABU HAMAD	310	1	30	02	1	6	Sc,Ac,Ci	7.2	37	17	8
	62660	KAREIMA	290	5	30	01	0	2	Sc,Ac	8.1	35	20	9
	62680	'ATBARA	250	2	30	01	2	3		6.8	37	16	7
	62721	KHARTÛM											
	62730	KASSALA											
CENTRAL SUDAN	62751	WÂD MEDANI											
	62801	RENK	310	9	50	02	0	2	Cs		37	24	13
	62802	ROSEIRES	290	2	35	02	0	4	Ac	5.6	38	18	10
	62771	EL OBEID	20	7	30	02	0	2	Ac,Ci	6.2	36	11	1
	62760	EL FÂSHER			30	01	0	3	Ac		35	20	9
	62770	GENEINA	50	4	30	01	1	6	Ac		34	12	1
S. SUDAN	62840	MALAKÂL	310	5	30	03	0	1	Cu,Ac	5.7	35	37	18
	62880	WÂU	100	8		03	2	3	Cu,Ci	6.0	35	35	17
	62941	JUBA											

At 1800 on Saturday 5th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms
MEDITERRANEAN	62300	SALÛM	70	1	15	03	1	5	Ac	14.0	25	34	8	0
	62303	SÎDI BARÂNI	140	9	15	02	0	0	—	15.1	20	83	17	0
	62306	MATRÛH	160	5	12	00	0	0	—	16.4	21			0
	62309	EL DABA									20	88	18	0
		ALEXANDRIA	40	9	15	00	0	0	—	16.3	22	63	19	0
	62318	FOUAD (Airport)	40	10	12	02	0	0	—	16.0	19	88	17	0
	62330	DAMIETTA	360	2		02	0	2	Ac	15.5	22	67	20	0
	62333	PORT SA'ÎD	40	10	14	01	0	1	Ac	15.1	23	69	21	0
	62336	EL 'ARISH	00	0	15	03	1	4	Ac	15.4	22	83	19	0
LOWER EGYPT	62339	DAMANHÛR	40	9	7	02	0	0	—	17.2	19	83	16	0
	62342	MANSÛRA	360	5		01	1	1	As	15.9?	21	83	18	0
	62348	TANTA	00	0	35	01	1	2	Cu	16.0?	20	83	17	0
	62354	ZAGAZIG	35	1	35	00	0	0	—	15.1	21	88	19	0
	62441	ISMA'ÎLIA	35	1	35	03	1	6	Ac	14.8	22	89	20	0
CAIRO AREA	62366	FAROUK (Airport)												
	62372	ALMÂZA	40	8	12	02	2	6	Ac,Ci	15.0	23	84	20	0
		EZBEKÎYA	20	3	15	00	0	3	Ac	15.2	22	83	19	0
		GÎZA	20	3	15	00	0	3	Ac	15.6	23	76	18	0
	62378	HELWÂN	20	18	15	03	1	4	Ac	14.0	23	74	18	0
UPPER EGYPT	62381	FAIYÛM	360	5	35	02	0	0	—	13.6	24	69	18	0
	62387	MINYA	00	0	10	00	1	0	—	13.3	22	65	15	0
	62393	ASYÛT MANQABÂD												
	62399	NAG' HAMMÂDI	00	0	7	01	1	2	Ac	11.6	23	74	18	0
	62402	QENA	270	2	7	03	1	4	Ci	11.1	26	48	14	0
	62405	LUXOR	40	4	12	13	2	5	St	10.6	29	31	10	0
	62414	ASWÂN	00	0	50	02	1	3	Sc,Cu	9.8	34	22	9	0
OASES	62417	SÎWA	00	0	35	00	0	0	—	19.4	21	50	10	0
	62420	BAHARÎYA	360	3	15	02	1	0	—	15.0	23	44	10	0
	62423	FARAFRA												
	62432	DAKHLA	250	3	35	00	0	0	—	12.5	24	32	6	0
	62435	KHARGA	360	1	15	00	0	0	—	11.4	27	27	6	0
RED SEA	62450	SUEZ	310	6	35	03	0	6	Cu	14.3	24	74	19	0
	62459	TÛR	310	7	7	01	1	6	Ci	12.3	25	74	20	0
	62462	HURGHÂDA	270	4	30	01	1	3	Cu	12.4	22	78	18	0
	62465	QUSEIR	20	5	15	01	1	3	Ac	12.3	25	94	24	0
	62641	PORT SUDAN												
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 0600 on Sunday 6th November,

AREA	INDEX NUMBER	STATION	WIND 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	TEMPERATURES °C MAXIMUM Yesterday	TEMPERATURES °C MAXIMUM Diff. from normal	TEMPERATURES °C MINIMUM Today	TEMPERATURES °C 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.
MEDITERRANEAN	62300	SALÛM	250	2	15	03	2	7	As	14.6		20	31		15		46	8	0	tr.	
	62303	SÎDI BARÂNI	160	12	35	03	2	8	As	14.8		20	30		16		73	15	0	1	
	62306	MATRÛH	230	6	15	00	0	0	—	15.4		18	27		14		60	10	0	tr.	
	62309	EL DABA	220	1		00	0	0	—	15.4		17	25		11		95	17	0	0	
		ALEXANDRIA	00	0	50	01	1	2	Cu	15.5	-2.3	24	30	-1	20	+2	74	19	0	dr.	11
	62318	FOUAD (Airport)	340	4	10	02	4	2	Sc	14.9		21	27		15		94	20	0	0	9
	62330	DAMIETTA	340	2	3	11	1	3	Cu	15.1	-1.3	23	26				89	21	0	dr.	8
	62333	PORT SA'ÎD	320	6	9	05	0	4	Ci,Cs	14.9		24	26		22		89	22	0	0	
	62336	EL 'ARISH	220	2	35	00	1	2	Cu	15.4	-1.3	20	28	+2	15	0	83	17	0	0	6
LOWER EGYPT	62339	DAMANHÛR	90	5	2	28	4	0	—	15.6	-1.9	18	28	0	15	0	88	16	0	0	6
	62342	MANSÛRA	20	5	35	00	0	0	—	15.4	-1.3	21	29	+1	17	+1	88	19	0	0	4
	62348	TANTA	220	2	35	02	5	0	—	15.9	-1.7	19	29	+1	13	-1	95	19	0	0	4
	62354	ZAGAZIG	40	4	15	01	2	4	Sc	15.1	-2.1	21	29	+1	17	+3	83	19	0	0	2
	62441	ISMA'ÎLIA	270	2	15	10	2	8	Sc	15.5		20	29		19		95	20	0	dr.	
CAIRO AREA	62366	FAROUK (Airport)																	0	0	
	62372	ALMÂZA	20	1	2	44	4	8	St	15.0	-2.1	19	29		19		95	19	0	0	
		EZBEKÎYA	20	3	7	00	0	1	Sc,	15.4	-1.7	20	29	+1	19	+4	94	19	0	0	2
		GÎZA	20	3	7	00	0	6	Sc,	15.8	-1.5	21	29	+2	18	+5	89	19	0	0	3
	62378	HELWÂN	360	11	7	00	0	1	St.	14.7	-2.7	20	29	+2	18	+2	88	18	0	0	1
UPPER EGYPT	62381	FAIYÛM	360	5	35	03	0	1		15.5	-1.5	21	29	0	18	+3	83	18	0	0	0
	62387	MINYA	10	6	6	00	0	7	Sc	14.2		19	30		17		83	16	0	0	
	62393	ASYÛT MANQABÂD	280	6	12	00	0	2	Sc			20			18		73	15	0	0	
	62399	NAG' HAMMÂDI	00	0		00	0	0	—	13.6	-2.1	24	34		16		69	18	0	0	
	62402	QENA	40	2	35	00	1	0	—	13.6	-1.4	24	35	+3	19	+4	69	18	0	dr.	
	62405	LUXOR	20	2	30	00	6	0	—	13.0		24	34		19		74	19	2	2	
	62414	ASWÂN	10	7	50	00	0	0	—	12.6	-2.2	27	37	+4	23	+5	66	20	0	dr.	
OASES	62417	SÎWA	00	0	35	00	0	0	—	17.1	-1.4	17	30	+1	12	0	52	7	0	0	0
	62420	BAHARÎYA	360	2	35	02	1	3	Sc,Cu	16.2	-1.6	17	30	+2	13	0	77	13	0	0	0
	62423	FARAFRA																			
	62432	DAKHLA	00	0	35	00	0	0	—	14.7	-2.3	21	31	+1	16	+2	57	12	0	0	
	62435	KHARGA	70	1	35	00	0	0	—	13.4	-2.6	22	33	+2	16	+3	65	15	0	0	
RED SEA	62450	SUEZ	310	6	35	00	0	2	Cu	15.5	-0.8	21	33	+5	18	+1	88	19	0	0	2
	62459	TÛR	310	3	35	01	1	3	Cu	14.1	-1.1	20	28	+1	16	0	73	15	0	0	1
	62462	HURGHÂDA	260	4		00	0	0	—	13.2		24			17		47	12	0		
	62465	QUSEIR	360	5	15	00	0	1	Cc	13.3	-1.5	25			22	+1	84	22	0	0	0
	62641	PORT SUDAN	290	2	10	01	1	4	Cu,Ci	13.6		29	33		24		66	22	0	0	20
NORTH SUDAN	62600	WÂDI HALFA	00	0	30	03	0	1	Ac	11.9		24	35		20		41	10	0	0	
	62640	ABU HAMAD	00	0	30	00	0	0	—	11.2		26	37		20		27	5	0	0	
	62660	KAREIMA	50	1	30	00	0	0	—	11.4		25	36		21		37	10	0	dr.	1
	62680	'ATBARA	50	9	30	02	1	5	Ci	10.9		26	38		18		45	13	0	0	2
	62721	KHARTÛM	10	9	30	01	2	7	Cs	10.7		27	38		22		33	9	0	11	4
	62730	KASSALA	180	2	30	00	0	0	—	10.4		26	39		18		51	15	0	4	8
CENTRAL SUDAN	62751	WÂD MEDANI	360	5	50	02	0	0	—	10.2		29	39		19		23	6	0	7	11
	62801	RENK	360	9	50	02	0	1	Ci	10.3		29	39		19		43	15	0		44
	62802	ROSEIRES	20	2	35	02	0	0	—	11.9		22	39		17		69	16	0	47	31
	62771	EL OBEID	360	11	30	03	0	3	Ci	11.1		26	36		20		21	2	0	24	16
	62760	EL FÂSHER	00	0	30	00	0	1	Ci			20	37		16		26	0	0	1	6
	62770	GENEINA	50	10	30	01	1	4	Ac			22	35		18		13	-8	0		4
S. SUDAN	62840	MALAKÂL	00	0	30	02	2	7	Ac	10.3		26	36		22		74	21	0	38	77
	62880	WÂU	130	13	30	01	1	2	Ci	11.1		25	35		20		70	19	0	164	133
	62941	JUBA																	0	41	105

HUMIDITY %

Mean of day

STATION	On 5th	Diff. from normal
Alexandria	76	+9
Ezbekiya	77	+10
Giza	75	+5
Helwan	71	+16

GÎZA

GRASS MINIMUM TEMP.

ON 6th 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

On 5th At 15h AIRPORT	PRESSURE mbs	HEIGHT ABOVE M.S.L. METRES	TEMP. °C	HUMID. %	WIND DIR.	WIND VEL.
	1000	123	27	58	40	14
	950					
	900					
	850	1520	19	49	110	10
	800					
	700	3159	7	43	130	4
	600					
	500	5811	-14		70	6
	400		-26			
	300	9479	-41		130	5

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 5th

STATION	Matruh				Port Said				Minya				Hurghada											
TIME	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	100	12			30	19			350	18			340	5										
600	100	19			40	18			360	20			80	9										
1000	100	16			70	16			350	7			130	5										
1500	120	3			100	11			10	9			140	14										
2000	140	2			120	17			50	9			170	24										
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 6th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		
TIME	9		8 30				4				9 30		4		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	220	11	160	10			40	9			270	4	360	12	00	0			60	5	140	3		
600	200	18	190	10			40	2			40	4	360	13	170	12			90	8	130	14		
1000	210	20	160	10			170	5			180	1	350	17	140	18					120	16		
1500	220	14	200	10			140	5			230	3	340	19	120	1					120	16		
2000	200	17	270	4			140	12			200	3	330	17	140	10					160	22		
3000	190	23	200	6							180	14			160	12								
4000	210	27									190	24												
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9				7		4				4				3 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	270	9	320	5			20	10	320	5														
600	200	16	360	9			30	10	330	3			350	18										
1000	190	17	360	17			50	8	360	1			10	15					20	23				
1500	220	16	360	21			80	7	310	4			40	19			10	7	50	11				
2000	200	7	310	16			140	8					00	26										
3000	160	12	250	16			130	16	10	5														
4000	230	11	210	22			150	11	210	13														
5000			190	23			240	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.

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

Note: All times G. M. T.

CAIRO

Time of Sunrise 04 14 G.M.T.

" " Sunset 15 03 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date : Tuesday 8th November, , 1949

At 1200 on Mon. 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.
MEDITERRANEAN	62300	SALÛM	70	5	35	02	1	4	Ac	14.4	25	47	13
	62303	SÎDI BARÂNI	40	6	35	01	0	2	As	15.4	22	89	20
	62306	MATRÛH	90	5	18	02	2	7	As	15.7	24	69	18
	62309	EL DABA	40	6	35	03	2	4	Cu	15.4	27	37	11
		ALEXANDRIA	360	8	50	00	0	0	—	16.6	23	65	16
	62318	FOUAD (Airport)	320	11	18	02	0	0	—	16.2	24	69	18
	62330	DAMIETTA	320	2	15	03	1	3	Ac	15.6	26	70	20
	62333	PORT SA'ÎD	20	6	14	02	1	0	—	15.7	24	79	20
	62336	EL 'ARISH	320	5	35	02	1	4	Cu	16.6	25	94	20
LOWER EGYPT	62339	DAMANHUR	40	5	15	02	0	0	—	16.4	29	46	16
	62342	MANSURA	40	5	35	02	1	2	As	16.3	30	40	15
	62348	TANTA	00	0	35	91	1	4	Cu	16.6	29	46	16
	62354	ZAGAZIG	320	5	35	00	1	0	—	15.0	29	52	18
	62441	ISMAÎLÎA	360	2	35	01	1	2	Ac	14.2	32	34	14
CAIRO AREA	62366	FAROUK (Airport)	340	10	18	02	1	2	Sc	14.3	31	38	15
	62372	ALMÂZA	360	8	14	02	1	2	Ac, Ci	14.4	30	47	18
		EZBEKÎYA	340	5	35	00	0	0	—	14.7	31	43	17
		GÎZA	340	5	35	00	0	0	—	15.2	31	38	15
	62378	HELWÂN	290	8	7	06	2	6	Ac	14.6	31	38	15
UPPER EGYPT	62381	FAIYÛM	00	0	35	01	1	2	St	14.7	34	32	15
	62387	MINYA	00	0	12	00	0	0	—	13.9	34	36	17
	62393	ASYÛT MANQABÂD	00	0	30	01	1	1	Ci	13.8	32		
	62399	NAG' HAMMÂDI	00	0	7	00	0	0	—	13.0	34	47	21
	62402	QENA	270	2	35	03	1	4	Ci	13.0	33	44	19
	62405	LUXOR	340	8	30	01	0	1	Ci		33	36	16
	62414	ASWÂN	250	3	50	01	1	3	As	11.6	34	41	19
OASES	62417	SÎWA	140	6	35	00	0	0	—	17.1	29	46	16
	62420	BAHARÎYA	00	0	35	01	1	2	Ac	15.2	32	20	6
	62423	FARAFRA											
	62432	DAKHLA	360	6	50	00	0	0	—	13.5	33	19	6
	62435	KHARGA	40	1	35	00	0	0	—	13.4	34	32	15
RED SEA	62450	SUEZ	00	0	35	02	0	0	—	14.0	32	34	14
	62459	TÛR	310	2	35	00	0	0	—	14.0	30	59	21
	62462	HURGHÂDA											
	62465	QUSEIR	40	5	15	02	0	0	—	13.9	28	79	24
	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 Mon. 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	SALÛM	140	9	15	02	0	4	Ci	14.4	21	74	16	0
62303	SÎDI BARÂNI	70	6	15	03	1	4	Cu, Ac	15.5	21	88	19	0
62306	MATRÛH	00	0	12	00	1	0	—	15.4	18	83	15	0
62309	EL DABA	00	0	7	03	2	5	Cu	14.7	20	83	17	0
	ALEXANDRIA	90	6	35	03	1	6	Sc, Ac	17.1	22	49	19	0
62318	FOUAD (Airport)	40	6	10	02	0	0	—	16.8	18	88	16	0
62330	DAMIETTA	360	2	02	01	0	1	Cu	16.6	23	84	20	0
62333	PORT SA'ÎD	10	11	14	02	0	1	Sc	16.6	23	89	21	0
62336	EL 'ARISH	00	0	35	03	2	5	St.	16.6	21			0
62339	DAMANHUR	40	9	7	02	0	0	—	17.2	18	83	15	0
62342	MANSURA	360	5		00	1	0	—	17.4	21			0
62348	TANTA	00	0	35	01	1	5	Cu	17.9	20	83	17	0
62354	ZAGAZIG	40	5	35	00	0	0	—	16.0	22	74	17	0
62441	ISMAÎLÎA	360	2	35	03	2	8	As	16.2	22	89	20	0
62366	FAROUK (Airport)	20	10	12	00	0	0	—	16.4	24	69	18	0
62372	ALMÂZA	20	8	13	00	0	0	—	16.2	24	69	18	0
	EZBEKÎYA	340	4	15	00	0	0	—	16.7	23	74	18	0
	GÎZA	340	4	15	00	0	0	—	16.6	24	67	18	0
62378	HELWÂN	320	15	3	06	1	0	—	15.9	25	54	15	0
62381	FAIYÛM	360	2	35	02	1	2	St	15.4	24	44	11	0
62387	MINYA	00	0	10	00	0	0	—	14.6	22	65	15	0
62393	ASYÛT MANQABÂD												
62399	NAG' HAMMÂDI	00	0		00	0	0	—	13.8	22	83	19	0
62402	QENA	160	2	7	02	1	4	Ci	14.0	25	54	15	0
62405	LUXOR	40	6	12	00	0	0	—	14.0	28	40	13	0
62414	ASWÂN	00	0	50	00	0	0	—	12.3	32	34	14	0
62417	SÎWA	00	0	35	00	0	0	—	15.6	20	46	8	0
62420	BAHARÎYA	00	0	15	02	0	0	—	16.2	24	32	6	0
62423	FARAFRA												
62432	DAKHLA	00	0	35	00	0	0	—	14.6	26	37	10	0
62435	KHARGA	00	0	35	00	0	0	—	13.4	28	40	13	0
62450	SUEZ	00	0	15	02	0	0	—	15.0	24	69	18	0
62459	TÛR	310	3	15	00	0	0	—		21	41	7	0
62462	HURGHÂDA												
62465	QUSEIR	40	9	15	02	0	0	—	15.1	25	94	24	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 Tuesday 8th November.

STATION	WIND 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.	STATION
SALUM	180	14	3	07	2	8	As, Cu	10.8		25	26		14		37	10	0	dr		SALUM
SÎDI BARÂNI	160	16	15	03	2	8	Sc, Cu	12.4		22	25		18		57	13	0	1		SÎDI BARÂNI
MATRÛH	180	10	15	02	2	8	Fr.Sc	14.4		21	30		14		50	10	0	tr.		MATRÛH
EL DABA	160	4	15	03	2	6	Sc.	15.5		19	31		12		73	14	0	0		EL DABA
ALEXANDRIA	110	6	7	00	0	4	Cu, As, C	15.8	-2.0	18	28	+2	17	-1	94	17	0	dr.	13	ALEXANDRIA
FOUAD (Airport)											29						0	0	11	FOUAD (Airport)
DAMIETTA	140	21	0.8	12	4	0	—	16.3	-0.2	22	27		20		95	22	0	dr.	9	DAMIETTA
PORT SA'ÎD	140	11	5	28	4	5	St.	15.7		22	27		20		89	20	0	0		PORT SA'ÎD
EL 'ARISH	00	0	35	01	0	0	—	16.7	+0.2	19	26	0	16	+2	88	17	0	0	7	EL 'ARISH
DAMANHUR	130	9	0.8	43	4	4		16.8	-0.8	18	30	+3	16	+1	95	18	0	0	7	DAMANHÛR
MANSURA	110	2	0.8	49	4	9		15.9	-1.7	18	31	+4	17	+2	95	18	0	0	4	MANSÛRA
TANTA	00	0	35	03	2	6	Cu	16.8	-0.5	19	29	+1	14	0	95	19	0	0	4	TANTA
ZAGAZIG	140	2	0.8	43	4	8	Sc	15.8	-1.5	19	32	+4	11	-3	95	19	0	0	2	ZAGAZIG
ISMAÎLÎA	90	2	35	01	0	0	—	15.6		20	33		18		83	17	0	dr.		ISMAÎLÎA
FAROUK (Airport)	110	9	12	00	0	0	—	15.1		24	32		18		36	8	0	0		FAROUK (Airport)
ALMÂZA	00	0	9	00	0	0	—	14.9	-2.3	22	31		19		65	15	0	0		ALMÂZA
EZBEKÎYA	90	4	15	00	0	0	—	15.4	-1.8	20	32	+5	17	+2	83	17	0	0	2	EZBEKÎYA
GÎZA	90	4	15	00	0	0	—	15.4	-1.9	22	32	+5	17	+4	50	11	0	0	3	GÎZA
HELWÂN	00	0	3	00	0	1	St.	15.6	-1.9	20	32	+5	18	+3	64	13	0	0	1	HELWÂN
FAIYÛM	00	0	35	01	0	0	—	15.8	-1.3	23	34	+6	17	+3	65	16	0	0	0	FAIYÛM
MINYA	00	0	10	02	1	1	Ci	14.9		20	35		14		78	16	0	0		MINYA
ASYÛT MANQABÂD	00	0	30	00	0	0	—	15.3		24			18		47	12	0	0		ASYÛT MANQABÂD
NAG' HAMMÂDI	00	0	7	00	0	0	—	15.4	-0.4	26	35		15		62	18	0	0		NAG' HAMMÂDI
QENA	80	3	15	00	0	0	—	15.8	+0.4	26	34	+2	16	+1	85	16	0	dr.		QENA
LUXOR	120	5	30	00	0	0	—	15.1		25	34				45	12	0	2		LUXOR
ASWÂN	00	0	50	00	0	0	—	14.4	-0.6	26	36	+3	22	+4	55	16	0	dr.		ASWÂN
SÎWA	40	4	35	03	2	8	Ac	16.6	-2.0	19	31	+2	12	+1	52	9	0	0	0	SÎWA
BAHARÎYA	360	2	35	02	0	0	—	16.0	-1.9	22	35	+7	15	+2	50	11	0	0	0	BAHARÎYA
FARAFRA																				FARAFRA
DAKHLA	00	0	35	00	0	0	—	15.2	-2.0	20	34	+4	19	+5	46	8	0	0		DAKHLA
KHARGA	00	0	35	00	0	0	—	14.4	-1.8	22	36	+6	18	+3	57	13	0	0		KHARGA
SUEZ	00	0	35	02	0	0	—	15.2	-1.2	20	35	+7	16	-1	83	17	0	0	3	SUEZ
TÛR	20	4	35	00	0	0	—	15.2	-0.1	20	32	+5	16	0	64	13	0	1	1	TÛR
HURGHÂDA																				HURGHÂDA
QUSEIR	160	5	15	02	0	0	—	15.4	+0.5	25			20	-1	42	11	0	0	1	QUSEIR
PORT SÛDÂN	310	4	30	01	1	2	Cu	14.7		29	37		23		74	24	0	0	23	PORT SÛDÂN
WÂDI HALFA	110	1	30	00	0	0	—	12.6		25	35		19		30	6	0	0		WÂDI HALFA
ABU HAMAD	110	3	30	02	0	0	—	11.8		28	37		22		31	9	0	0		ABU HAMAD
KAREIMA	50	3	30	02	0	0	—	11.8		25	37		20		39	10	0	dr.	1	KAREIMA
'ATBARA	50	5	30	00	0	0	—	11.8		27	37		21		37	11	0	0	2	'ATBARA
KHARTÛM	10	7	30	01	0	0	—	10.2		28	38		22		25	6	0	11	4	KHARTÛM
KASSALA																	0	4	8	KASSALA
WÂD MEDANI																	0	7	11	WÂD MEDANI
RENK	310	9	50	02	0	0	—	10.8		26	39		18		32	8	0		45	RENK
ROSEIRES																	0	47	32	ROSEIRES
EL OBEID	360	11	30	00	0	0	—	11.1		25	37		20		19	0	0	24	16	EL OBEID
EL FÂSHER	00	0	30	00	0	0	—			20	36		14				0	1	6	EL FÂSHER
GENEINA																			4	GENEINA
MALAKÂL	50	6	30	00	0	0	—	10.4		26	36		19		45	13	0	38	80	MALAKÂL
WÂU	00	0	30	01	1	9	Ci	9.8		23	37		18		47	11	0	164	134	WÂU
JUBA																	0	41	107	JUBA

HUMIDITY %

Mean of day

STATION	on 7th	Diff. from normal
Alexandria	83	+16
Ezbekîya	74	+6
Giza	76	+7
Helwân	47	-9

GÎZA

GRASS MINIMUM TEMP.

ON 8th 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

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

UPPER WIND OBSERVATIONS on 7th

HEIGHT m.	Matruh DIR.	Matruh VEL.			Port Said DIR.	Port Said VEL.			Minya DIR.	Minya VEL.														
TIME	15				15				15															
300	90	7			20	7			350	12														
600	180	11			50	5			350	7														
1000					260	3			360	5														
1500	210	23			220	9			50	5														
2000					210	9			20	10														
3000	220	23							20	11														
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 8th

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	9		9				3				8 45		3		9				5				4 30	
300	190	39	180	16			90	7			210	5	100	11	140	5			30	4			170	21
600	190	44	210	18			110	3			160	8	70	9	150	10			110	11			190	5
1000	210	43	210	19			180	4			130	9	50	9	150	12			90	16			120	3
1500	220	35	200	26			230	4			150	7	80	8	120	9			60	10			50	6
2000			220	29							180	9	130	5	100	9			70	10			60	3
3000											180	8			80	5			60	6				
4000											220	7			290	6								
5000															260	16								
6000															240	31								
7000															240	30								
8000															250	38								

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				7		4								3 30		4		4 15		4	
300	180	21	140	3			40	8	80	8														
600	200	28	90	4			60	8	70	17							90	9					30	15
1000	200	31	150	16			110	9	70	18							90	13	20	25	10	11	20	22
1500	200	26	150	23			90	9	100	12							40	9	20	14	80	10	30	30
2000	200	27	160	17			70	5											30	12	100	5		
3000	210	29					150	9	170	8							320	5	130	8	80	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).

CAIRO

Time of Sunrise 04 13 G. M. T.

" " Sunset 15 04 G. M. T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date : Monday 7th November, , 1949

At 1200 on Sun. 6th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C
MEDITERRANEAN	62300	SALÛM	220	5	35	03	2	6		13.3 ?	30	19	4
	62303	SÎDI BARÂNI	200	10	35	01	2	6	Ac	14.7 ?	28	58	19
	62306	MATRÛH	40	8	18	02	1	3	Ci	14.3	27	33	9
	62309	EL DABA	40	6	18	11	1	2	Cu	13.9 ?	28 ?		
		ALEXANDRIA	40	3	50	02	2	4	Cb, Ci	14.6	24	74	19
	62318	FOUAD (Airport)	340	8	18	03	0	1	Ci	14.7	26	62	18
	62330	DAMIETTA	340	5	15	00	0	0	—	14.0	27	70	21
	62333	PORT SAÏD	340	3	30	03	0	2	Sc, Cu	13.9	26	79	22
	62336	EL 'ARISH	00	0	35	02	1	3	Cu, Ci	14.3	25	70	19
LOWER EGYPT	62339	DAMANHUR	40	5	15	02	0	0	—	15.0	29	46	16
	62342	MANSURA	360	5	35	00	0	0	—	14.2	30	46	17
	62348	TANTA	00	0	35	02	0	0	—	15.0	29	46	16
	62354	ZAGAZIG	320	5	35	00	1	0	—	13.5	29	59	20
	62441	ISMAÏLIA	160	2	35	01	1	2	Ac, Ci	15.2	31	57	22
CAIRO AREA	62366	FAROUK (Airport)											
	62372	ALMAZA	340	8	30	00	0	1	Ci	13.2	30	49	18
		EZBEKIYA	340	5	35	00	0	1	Cs	13.4	29	52	18
		GÎZA	340	5	35	00	0	1	Cs	13.6	30	48	17
	62378	HELWÂN	290	13	7	06	1	3	Ac, Ci	13.2	30	40	15
UPPER EGYPT	62381	FAIYÛM	360	2	35	01	0	0	—	13.4	31	49	19
	62387	MINYA	360	5	12	03	2	3	Ac, Ci	12.6	31	38	15
	62393	ASYÛT MARGABAD	00	0	18	01	0	1	Cu	12.0	30	43	16
	62399	NAG' HAMMADI	00	0	7	00	0	0	—	11.0	34	41	19
	62402	QENA	130	2	50	00	0	0	—	10.8	33	34	15
	62405	LUXOR											
	62414	ASWÂN	220	3	50	03	2	4	As	9.1	36	24	12
OASES	62417	SÎWA	220	7	35	00	0	0	—	16.7	27	52	16
	62420	BAHARÎYA	360	4	35	02	1	3	Ac	14.3	30	35	13
	62423	FARAFRA											
	62432	DAKHLA	360	13	50	00	0	0	—	12.3 ?	32	20	6
	62435	KHARGA	00	0	35	00	0	0	—	12.4	32	34	14
RED SEA	62450	SUEZ	40	6	50	03	0	3	Cu	13.0	28	58	19
	62459	TÛR	310	3	35	01	1	0	—	12.2	28	62	20
	62462	HURGHÂDA	70	8		00	0	0	—	12.0 ?	27	83	24
	62465	QUSEIR	90	5	15	02	0	0	—	12.3 ?	28	79	24
	62641	PORT SÛDAN											
NORTH SÛDAN	62600	WÂDI HALFA											
	62640	ABU HAMAD											
	62660	KAREIMA											
	62680	'ATBARA											
	62721	KHARTUM											
	62780	KASSALA											
CENTRAL SÛDAN	62751	WÂD MEDANI											
	62801	RENK											
	62802	ROSEIRES											
	62771	EL OBEID											
	62760	EL FÂSHER											
	62770	GENEINA											
S. SÛDAN	62840	MALAKÂL											
	62880	WAU											
	62941	JUBA											

At 1800 on Sun. 6th

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms
62300	SALÛM	20	2	15	01	0	3	Ci	14.4	20	64	13	0
62303	SÎDI BARÂNI	90	2	15	01	1	2	As, Ci	15.4	20	95	20	0
62306	MATRÛH	160	2	12	01	1	1	Ac	15.1	18	83	15	0
62309	EL DABA	40	12	7	00	0	0	—	14.7	18	83	15	0
	ALEXANDRIA	360	3	50	01	1	2	Sc, Cu	15.9	22	83	19	0
62318	FOUAD (Airport)	20	4	12	01	0	1	Ci	16.0	20	74	19	0
62330	DAMIETTA	320	2	2	03	0	1	Ac	15.6	22	95	22	0
62333	PORT SAÏD	360	4	12	02	1	1	Ci	15.0	23	89	21	0
62336	EL 'ARISH	00	0	7	03	2	8	St.	15.0	22	89	20	0
62339	DAMANHUR	40	9	7	02	0	0	—	15.4	18	88	16	0
62342	MANSURA	360	5		01	1	1	Ci	15.5	21	88	19	0
62348	TANTA	00	0	35	01	1	4	Cu	16.0	20	83	17	0
62354	ZAGAZIG	320	5	35	00	1	0	—	15.0	22	47	10	0
62441	ISMAÏLIA	160	2	35	01	1	2	Ac	15.2	23	84	20	0
62366	FAROUK (Airport)												
62372	ALMAZA	340	8	30	00	0	1	Ci	13.2	30	49	18	0
	EZBEKIYA	340	5	35	00	0	1	Cs	13.4	29	52	18	0
	GÎZA	340	5	35	00	0	1	Cs	13.6	30	48	17	0
62378	HELWÂN	290	13	7	06	1	3	Ac, Ci	13.2	30	40	15	0
62381	FAIYÛM	360	2	35	01	0	0	—	13.4	31	49	19	0
62387	MINYA	360	5	12	03	2	3	Ac, Ci	12.6	31	38	15	0
62393	ASYÛT MARGABAD	00	0	18	01	0	1	Cu	12.0	30	43	16	
62399	NAG' HAMMADI	00	0	7	00	0	0	—	11.0	34	41	19	0
62402	QENA	130	2	50	00	0	0	—	10.8	33	34	15	0
62405	LUXOR												
62414	ASWÂN	220	3	50	03	2	4	As	9.1	36	24	12	0
62417	SÎWA	220	7	35	00	0	0	—	16.7	27	52	16	0
62420	BAHARÎYA	360	4	35	02	1	3	Ac	14.3	30	35	13	0
62423	FARAFRA												
62432	DAKHLA	360	13	50	00	0	0	—	12.3 ?	32	20	6	0
62435	KHARGA	00	0	35	00	0	0	—	12.4	32	34	14	0
62450	SUEZ	40	6	50	03	0	3	Cu	13.0	28	58	19	0
62459	TÛR	310	3	35	01	1	0	—	12.2	28	62	20	0
62462	HURGHÂDA	70	8		00	0	0	—	12.0 ?	27	83	24	0
62465	QUSEIR	90	5	15	02	0	0	—	12.3 ?	28	79	24	0
62641	PORT SÛDAN												
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	WAU												
62941	JUBA												

At 0600 on Monday 7th November,

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C Dry Bulb	TEMPERATURES °C MAXIMUM Yesterday	TEMPERATURES °C MAXIMUM Diff. from normal	TEMPERATURES °C MINIMUM Today	TEMPERATURES °C 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.
62300	SALÛM	270	11	15	00	0	3	Ci	15.5		18	30		14		73	13	0	dr.	
62303	SÎDI BARÂNI	200	3	35	03	0	4	Ac, Ci	17.2		18	29		14		95	18	0	1	
62306	MATRÛH	260	7	15	01	0	1	Sc	17.0		20	30		16		83	17	0	tr.	
62309	EL DABA	220	2	15	00	0	0	—			17	30		12		95	17	0	0	
	ALEXANDRIA	130	3	15	02	2	3	Sc, Cu, Ci	17.4	-0.4	19	26	0	17	-1	88	17	0	dr.	12
62318	FOUAD (Airport)	00	0	007	44	4	0	—	17.1		17	27		13		95	17	0	0	10
62330	DAMIETTA	290	2	0.8	12	1	2	Cu	17.8	+1.4	20	29				95	20	0	dr.	9
62333	PORT SAÏD	300	1	8	05	0	4	Sc, Sc, Sc	17.3		23	27		20		89	21	0	0	
62336	EL 'ARISH	00	0	35	02	1	5	Sc, Ci	17.0	+0.5	19	28	+2	14	0	83	16	0	0	6
62339	DAMANHUR	230	5	0.4	45	4	4		17.4	-0.1	16	29	+1	14	-1	95	16	0	0	6
62342	MANSURA	110	2	2	49	4	0	—	17.6	+0.9	20	32	+4	18	+3	88	18	0	0	4
62348	TANTA	00	0	3	03	4	8	Ac	18.2	+0.6	19	31	+3	13	-1	88	17	0	0	4
62354	ZAGAZIG	140	2	0.8	43	4	8	Sc, Cu	17.4	+0.2	19	31	+3	16	+2	95	19	0	0	2
62441	ISMAÏLIA	290	2	3	10	2	7	Ss	17.2		20	33		19		95	20	0	dr.	
62366	FAROUK (Airport)																	0	0	
62372	ALMAZA	80	2	10	03	4	6	Ac	17.5	+0.3	18	30		16		95	18	0	0	
	EZBEKIYA	00	0	0.2	40	4	8	Sc	17.6	+0.4	19	30	+2	18	+3	94	18	0	0	2
	GÎZA	90	0	0.2	40	4	8	Sc	17.6	+0.5	19 ?	30	+3	17	+4	98	18	0	0	3
62378	HELWÂN	360	6	7	00	2	7	Ac	17.0	-0.5	24 ?	30	+3	17	+1	47	12	0	0	1
62381	FAIYÛM	360	5	35	02	2	7	St.	17.4	+0.4	22	31	+2	19	+5	74	17	0	0	0
62387	MINYA	360	5	10	01	2	6	Ac	16.2		22	32		19		69	16	0	0	
62393	ASYÛT MARGABAD	00	0	30	00	0	6	Ac	16.6		23			18		65	16	0	0	
62399	NAG' HAMMADI	00	0		02	0	0	—	16.0	+0.3	26	36		17		62	18	0	0	
62402	QENA	40	2	15	01	0	2	Ci	16.2	+0.9	24	33	+1	21		74	19	0	dr.	
62405	LUXOR	20	5	30	00	0	0	—	15.6			36		21				0	2	
62414	ASWÂN	40	5		00	0	0	—	14.8	-0.1	25	37	+4	23		37	10	dr.	dr.	
62417	SÎWA	00	0	35	00	0	0	—	17.3	+0.7	16	29	0	12	+1	57	8	0	0	0
62420	BAHARÎYA	00	0	35	02	1	3	Ac	16.7	-1.2	21	31	+3	14	+1	57	12	0	0	0
62423	FARAFRA																			
62432	DAKHLA	320	3	35	00	0	0	—	15.2	-1.9	22	32	+2	19	+5	36	6	0	0	
62435	KHARGA	20	1	35	01	0	2	Ac	14.8	-1.3	24	32	+2	21	+6	54	14	0	0	
62450	SUEZ	00	0	50	00	0	0	—	17.1	+0.7	20	32	+4	17	0	88	18	0	0	3
62459	TÛR	20	2	35	00	0	0	—	16.6	+1.4	17	28	+1	15	-1	77	13	0	0	1
62462	HURGHÂDA											28								
62465	QUSEIR	330	2	15	00	1	6	As	16.3	+1.5	26			22	+1	74	21	0	0	1
62641	PORT SÛDAN																	0	0	22
62600	WÂDI HALFA	00	0	30	00	0	0	—	14.4		23	35		19		47	11	0	0	
62640	ABU HAMAD	110	1	30	00	0	0	—	12.5		25	37		20		36	9	0	0	
62660	KAREIMA	360	2	30	00	0	0	—	13.3		25	36		19		36	9	0	dr.	1
62680	'ATBARA	50	6	10	00	0	0	—	12.4		26	38		21		51	15	0	0	2
62721	KHARTUM	350	8	30	02	0	0	—	11.8		27	38		22		33	9	0	11	4
62780	KASSALA	230	2	30	00	0	0	—	10.1		32	38		22		41	17	0	4	8
62751	WÂD MEDANI	50	9	50	02	0	0	—	10.8		27	38		18		23	4	0	7	11
62801	RENK	360	9	50	02	0	1					38		18			17	0		45
62802	ROSEIRES																	0	47	32
62771	EL OBEID																	0	24	16
62760	EL FÂSHER	00	0	30	01	0	3	Ci			19	35		15		28	0	0	1	6
62770	GENEINA	50	5	30	00	0	1	Ac			21	36		20		20	-4	0		4
62840	MALAKÂL	360	3	30	00	0	0	—	11.0		25	34		23		79	21	0	38	79
62880	WAU	00	0	30	00	1	2	Ci	9.8			35		20			19	0	164	134
62941	JUBA	180	2	30	01	1	0	—	9.0		25	37		17		65	18	0	41	106

HUMIDITY %

Mean of day on 6th

STATION	%	Diff. from normal
Alexandria	76	+9
Ezbekiya	76	+8
Giza	79	+9
Helwan	67	+11

GÎZA

GRASS MINIMUM TEMP. ON 7th 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

On 6th At 15h AIRPORT	PRESSURE mbs	HEIGHT ABOVE metres	TEMP. °C	HUMID. %	WIND DIR.	WIND VEL.
	1000	114	28	49	240	9
	950					
	900					
	850	1528	17	26	20	3
	800					
	700	3148	5	45	190	17
	600					
	500	5811	-12		230	15
	400		-23			
	300	9509	-43		240	38

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.	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
	1000					
	950					
	900					
	850					
	800					
	700					
	600					
	500					
	400					
	300					

UPPER WIND OBSERVATIONS on 6th

STATION	Matruh				Port Said				Munya				Asyut (Elian)				Harghada							
TIME	14 30				14 30				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	70	8			320	16			360	16			300	10			140	14						
600	120	3			310	6			360	13			320	10			140	15						
1000	150	4			210	3			20	10			350	9			140	17						
1500	230	10			230	5			50	8			50	7			160	16						
2000	150	3			250	5			70	6			100	10			140	16						
3000	200	15			160	12							150	11			140	5						
4000					210	17											140	11						
5000					210	10											140	11						
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 7th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MARGABAD		LUXOR		ASWÂN		HURGHADA		Almaza	
TIME	9		8 30				3				10		3 15		9		8 45		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	260	4	220	13			60	3			310	9	30	13	160	4	350	10	40	5			40	6
600	220	10	220	11			20	3			180	3	80	7	170	5	120	3	100	16			80	16
1000	230	21	220	9			60	3			140	3	40	9	300	1	90	3	150	10			120	8
1500	220	21	240	13			90	3			330	3	140	4	70	4	100	12	100	11			340	8
2000	210	19 ?	230	23			110	3			210	5	220	4	70	9	130	6	90	10			330	3
3000	230	35	210	23							160	9			70	3	180	6	160	13			150	9
4000			220	28							180	11							210	13			170	10
5000																			220	19				
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9				7		"						4						4 15		4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	160	17	70	13			20	12	330	4														
600	170	19	60	9			70	10	20	5					10	21							30	6
1000	200	17	140	6			90	10	50	4					20	24					360	9	30	11
1500	200	16	100	30			80	7	10	5					30	9					60	2	30	22
2000	240	22	100	11			140	7							90	5								
3000	250	20	80	14			120	10	170	16					280	5					90	5	70	15
4000	250	23	300	12											300	7								
5000	220	23	250	16											150	13								
6000															130	6								
7000															170	7								
8000																								

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

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

Note: All times G. M. T.

CAIRO
Time of Sunrise 04 15 G.M.T.
" " Sunset 15 03 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date : Wednesday 9th November, 1949

At 1200 on Tues. 8th

NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C
62100	SALUM	200	20	15	05	3	6	ac	9.1	28	12	-4
62300	SIDI BARANI	200	15	7	31	3	8	Sc,Cu	9.8	30	46	17
62308	MATRUH	230	13	18	02	2	8	Ci	11.0	30	17	2
62309	EL DABA	90	11	35	03	2	2	Cu	10.7	28	58	19
	ALEXANDRIA	00	0	35	02	2	6	Sc,Cu	12.7	25	70	19
62318	FOUAD (Airport)	70	7	14	02	0	2	Ci	13.1	29	52	18
62340	DAMIETTA	20	5	15	03	0	1	Ac	14.0	26	62	18
62346	PORT SAID	50	8	30	02	0	0	—	14.1	26	70	20
62356	EL 'ARISH	20	2	35	02	0	0	—	15.0	27	62	19
62359	DAMANHUR	90	5	15	02	0	0	—	14.2	29	52	18
62347	MANSURA	40	5	35	00	0	0	—	13.8	32	38	16
62348	TANTA	90	5	35	02	1	0	—	14.6	31	38	15
62354	ZAGAZIG	40	5	35	00	1	0	—	12.8	31	31	12
62357	ISMA'ILIA	110	2	35	02	0	0	—	13.0	33	30	13
62306	FAROUK (Airport)	290	8	18	00	0	0	—	12.6	33	28	12
62307	ALMAZA	290	7	13	00	0	0	—	13.3	32	34	14
	EZBEKIYA	20	2	35	00	0	0	—	12.7	32	36	15
	GIZA	20	2	35	00	0	0	—	13.3	33	29	12
	HELWAN	00	0	35	02	0	0	—	12.3	34	18	6
62381	FAIYUM	00	0	35	02	0	0	—	12.6	35	29	14
62383	MINYA	200	2	12	00	0	0	—	12.4	34	27	12
62393	ASYUT (Manqabad)	00	0	30	00	0	0	—	13.0	36	15	5
62396	NAG' HAMMADI	00	0	7	00	0	0	—	11.9	35	37	18
62405	QENA	80	3	50	00	0	0	—	12.2	32	34	14
62405	LUXOR	340	16	30	00	0	0	—	11.7	34	27	12
62414	ASWAN	40	2	50	00	0	0	—	11.5	36	14	5
62417	SIWA	140	12	35	03	2	8	Sc,Cu	13.3	34	18	6
62420	BAHARIYA	180	4	35	02	0	0	—	12.6	36	17	7
62422	FARAFRA											
62432	DAKHLA	00	0	50	00	0	0	—	12.1	35	23	11
62438	KHARGA	00	0	35	00	0	0	—	12.0	36	25	13
62450	SUEZ	00	0	35	02	0	0	—	12.8	30	35	13
62456	TOR	270	2	35	00	0	0	—	13.5	27	70	21
62460	HURGHADA											
62465	QUSEIR	20	7	15	02	0	0	—	13.5	28	62	20
62641	PORT SUDAN	30	9	30	02	0	2	Cu		31	66	24
62600	WADI HALFA	170	3	30	02	0	1	Cu	9.0	37	20	11
62640	ABU HAMAD	180	1	30	00	0	0	—	7.4	36	15	6
62660	KAREIMA	20	2	30	00	0	0	—	6.0	37	17	8
62680	ATBARA	340	5	30	00	0	0	—	6.0	38	18	10
62721	KHARTUM	310	4	30	02	0	0	—	5.6	37	11	2
62730	KASSALA	90	5	30	00	0	0	—	4.7	37	24	13
62751	WAD MEDANI	310	9	35	02	0	0	—	4.6	38	15	7
62801	RENK	310	9	50	02	0			5.3	39	13	6
62809	ROSEIRES											
62771	EL OBEID			30	00	0	0	—	5.8	36	9	-2
62760	EL FASHER	00	0	30	00	0	0	—		35	18	7
62770	GENEINA	110	7	30	00	0	0	—		34	9	-4
62840	MALAKAL	20	9	30	00	0	0	—	8.0	35	20	9
62880	WAU	340	5	30	03	0	1	Ci	5.6	36	31	16
62941	JUBA											

At 1800 on Tues. 8th

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
62100	250	9	15	01	1	6	ac	9.6	24	15	-5	0
62300	160	5	15	00	2	8	Sc,Cu	10.6	25	47	13	0
62308	140	2		03	2	8	As	11.6	25	61	17	0
62309	00	0	15	02	2	7	St	13.3	24	83	19	0
62318	70	7	12	03	1	6	As,Cu	12.3	22	83	19	0
62340	340	5		03	2	5	As	14.0	23	89	21	0
62346	100	9	15	02	0	1	Ac	13.4	24	79	20	0
62356	00	0	15	02	0	0	—	13.9	22	89	20	0
62359	90	5		02	1	6	Ci	13.4	24	69	18	0
62347	70	5		00	0	0	—	14.4	21	50	10	0
62348	00	0	35	01	1	2	Cu	14.6	22	74	17	0
62354	40	5	35	00	0	0	—	12.8	23	74	18	0
62357	340	2	35	03	1	3	Ac,Ci	13.0	23	74	18	0
62306												
62307	110	9	12	01	0	0	—	12.9	26	42	12	0
	90	4	15	00	0	0	—	13.4	22	66	15	0
	70	4	15	00	0	0	—	14.2	22	58	13	0
	20	6	15	01	0	0	—	12.8	27	33	9	0
62381	360	2	35	02	0	0	—	12.4	23	74	18	0
62383	00	0	10	00	0	0	—	13.1	22	65	15	0
62393	00	0		00	0	0	—	12.8	21	74	16	0
62396	00	0		00	0	0	—	12.8	21	74	16	0
62405	270	2	7	00	0	0	—	12.7	24	61	16	0
62405	00	0	12	00	0	0	—	12.7	26	45	13	0
62414	00	0	50	00	0	0	—	12.0	33	16	4	0
62417	00	0	35	03	2	8	Ac	12.0	27	15	-2	0
62420	00	0	15	02	0	0	—	13.4	25	34	8	0
62422												
62432	00	0	35	00	0	0	—	11.2	28	33	10	0
62438	00	0	15	00	0	0	—	11.4	29	35	12	0
62450	00	0	15	02	0	0	—	12.7	24	61	16	0
62456	40	1	15	00	0	0	—	12.5	22	53	12	0
62460	160	7	30	00	0	0	—	12.5	23	50	12	0
62465	20	9		02	0	0	—	13.9	25	45	12	0
62641												
62600												
62640												
62660												
62680												
62721												
62730												
62751												
62801												
62809												
62771												
62760												
62770												
62840												
62880												
62941												

At 0600 on Wednesday 9th November,

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	BAR PRESSURE Diff. from normal mbs	TEMPERATURES °C Dry Bulb	TEMPERATURES °C MAXIMUM Yesterday	TEMPERATURES °C MAXIMUM Diff. from normal	TEMPERATURES °C MINIMUM Today	TEMPERATURES °C 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
62100	220	9	15	61	0	3	Ci	13.5		19	29		13		64	12	0	dr	
62300	220	7	35	01	0	1	As	13.9		18	30		15		83	15	0	1	
62308	310	13	14	00	0	0	—	13.3 ?		19	30 ?		16		64	12	0	tr.	
62309	270	10	15	00	0	0	—	12.8 ?		20	33 ?				64	13	0	0	
	310	11	30	00	0	0	—	13.0	-4.9	23	27	+1	17	-1	65	16	0	dr.	14
62318											29							0	12
62340	160	5	8	11	1	5	Ac	12.3	-4.2	21	29		19		69	15	0	dr.	10
62346	200	12	14	02	0	5	Ac	12.6		23	27		20		61	15	0	0	
62356	140	19	35	03	2	8	Fs,Fc	12.5	-4.1	22	29	+3	16	+2	74	17	0	0	7
62359	270	9		02	0	0	—	13.1	-4.6	21	31	+4	18	+3	65	14	0	0	7
62347	140	5	7	03	3	6	Ac	12.3	-4.5	20	33	+6	18	+3	83	17	0	0	4
62348	200	8	35	03	2	6	Cu	13.4	-4.3	22	32	+5	15	+2	50	11	0	0	4
62354	140	2	15	02	2	8	Sc	12.2	-5.1	22	33	+5	12	-1	44	9	0	0	3
62357	140	2	35	03	2	8	Ac	13.3		21	36		18		65	14	0	dr.	
62306																	0	0	
62307											34						0	0	
	200	2	15	00	0	7	Sc	12.7	-4.5	23	35	+8	20	+5	38	8	0	0	2
	200	2	15	00	0	7	Sc	13.8	-3.6	21	36	+9	17	+4	65	14	0	0	3
	90	9	7	00	2	7	Ac, Cs	13.2	-3.4	23	35	+9	21	+6	32	5	0	0	1
62381	360	5	35	03	2	7	St	13.5	-3.6	22	36	+8	18	+4	57	13	0	6	0
62383	00	0	10	01	1	2	Ci	13.1		21	34		14		50	10	0	0	
62393	00	0	30	00	0	1	Ci	14.2		20			17		53	10	0	0	
62396	00	0		00	0	0	—	14.8	-1.1	25	36		15		70	19	0	0	
62405	80	3	15	00	0	0	—	15.8	+0.3	23	33	+1	17	+2	38	8	0	dr.	
62405	00	0	30	00	0	0	—	15.6		24	35		16		41	10	0	2	
62414	40	3	50	01	1	2	Ci	14.8	-0.3	27	37	+5	21	+3	35	10	0	dr.	
62417	90	5	35	00	0	0	—	16.8	-1.8	19	34	+6	15	+4	46	7	0	0	0
62420	360	9	35	02	0	0	—	14.6	-3.3	22	36	+9	16	+3	36	6	0	0	1
62422																			
62432	320	6	35	00	0	0	—	14.0	-3.2	18	37	+7	14	0	37	3	0	0	
62438	30	0	35	00	0	0	—	13.9	-2.4	24	36	+6	19	+5	44	11	0	0	
62450	00	0	15	00	0	6	Sc,Cu	13.4	-3.1	25	33	+5	19	+3	61	17	0	0	3
62456	20	5	35	00	0	0	—	13.9	-1.4	23	29	+2	17	+2	52		0	0	1
62460	00	0	50	00	0	0	—	13.6		24	29		18		47	12	0		
62465	270	5	15	00	1	4	Cs	13.4	-1.6	23			20	-1	61	15	0	0	1
62641	230	1	30	01	1	1	Cu	14.5		29	32		23		70	23	0	0	25
62600	00	0	50	00	0	0	—	12.7		25	38		21		36	9	0	0	
62640	110	1	30	00	0	0	—	12.0		26	37		20		37	10	0	0	
62660	50	2	30	00	0	0	—	11.8		26	38		20		30	7	0	dr.	1
62680	90	9	30	00	0	0	—	11.8		29	38		23		25	7	0	0	2
62721	360	7	30	02	0	0	—	10.4		29	38		23		22	5	0	11	4
62730	90	2		00	0	0	—	9.8		30	40		24		19	4	0	4	8
62751	50	9	35	02	1	2	Ac	9.9		27	39		21		28	7	0	7	11
62801	90	2	50	02	0	0	—	10.2		26	39		18		40	11	0		45
62809																	0	47	32
62771	350	8	30	00	0	0	—	10.6		26	37				21	2	0	24	16
62760	00	0	30	00	0	0	—			20	35		15		26	0	0	1	6
62770	50	5	30	00	0	0	—			19	35		14		21	-4	0		4
62840	30	4	30	01	1	3	Ac	11.0		24	36		20		69	18	0	38	80
62880	00	0	30	02	0	2	Ac	10.7		22	36		17		74	17	0	164	135
62941	180	5	10	04	1	2	Ci,Ac	10.4		27	38		20		62	19	0	41	108

HUMIDITY

Mean of day

STATION	On 8th %	Diff. from normal
Alexandria	81	+14
Ezbekiya	66	- 2
Giza	47 ?	-23
Helwan	41	-15

GIZA
GRASS MINIMUM TEMP.
On 9th 11.0 °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 8th At 15h. AIRPORT

PRESSURE mbs	HEIGHT ABOVE M.S.L. metres	TEMP. °C	HUMID. %	WIND DIR.	WIND VEL.
1000	106	31	31	340	4
950					
900					
850	1537	20	28	220	11
800					
700	3167	4	52	160	18
600					
500	5815	-12		250	22
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 8th

STATION	Matruh				Port 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.
300	200	16			90	7			210	7														
600	220	16			120	7			210	7														
1000	230	26			140	8			210	7														
1500	220	17			170	7			150	9														
2000					190	12			160	5														
3000					210	13																		
4000																								
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 9th

STATION	SIDI BARANI		MATRUH		SOUAD AIRPORT		PORT SAID		EL 'ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA		
TIME	9		8 30				4				8 45		4		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	280	17	290	10			200	17			220	5	10	19	80	3			40	4	130	3		
600	280	17	290	13			220	8			230	14	10	13	200	15			120	2	140	3		
1000	290	16	290	6			220	10			210	19	360	20	200	19			40	4	220	5		
1500	270	22	290	23			270	7			200	25	350	25	240	9			60	7	250	6		
2000	270	22					260	16			210	21	340	32	280	10			40	7	240			
3000											250	20							290	6	260	9		
4000																			260	17	290	10		
5000																			230	26	290	11		
6000																								
7000																								
8000																								

STATION	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME	9		9				7		4		4		4		4		3 30		4		4 15		4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	300	15	320	38			90	3	90	3														
600	310	16	320	34			140	5	70	15	90	13	20	13	20	16	20	3					50	1
1000	320	16	310	30			120	3	70	11	130	8	40	10	30	19	30	7	20	21			60	6
1500	300	29					300	4	70	7	20	7	90	4	350	11	50	9	20	13	40	20	30	18
2000	300	19					290	2			270	7	120	4	250	12			330	5				
3000	280	10					290	12	330	2			180	6	190	9	120	10			110	3	40	15
4000	250	12													120	6							130	15
5000	260	23													130	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).

CAIRO

Time of Sunrise ..04.. 14 G.M.T.

" " Sunset ..15.. 03 G.M.T.

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

Form No 7 F.

DAILY WEATHER REPORT

Date : Tuesday 8th November, , 1949

At 1200 on Mon. 7th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALÛM	70	5	35	02	1	4	ac	14.4	25	47	13
	62303	SÎDI BARÂNI	40	6	35	01	0	2	as	15.4	22	89	20
	62306	MATRÛH	90	5	18	02	2	7	as	15.7	24	69	18
	62309	EL DABÂ	40	6	35	03	2	4	Cu	15.4	27	37	11
		ALEXANDRIA	360	8	50	00	0	0	—	16.6	23	65	16
	62318	FOUAD (Airport)	320	11	18	02	0	0	—	16.2	24	69	18
	62330	DAMIETTA	320	2	15	03	1	3	ac	15.6	26	70	20
	62333	PORT SA'ÎD	20	6	14	02	1	0	—	15.7	24	79	20
	62336	EL 'ARISH	320	5	35	02	1	4	Cu	16.6	25	74	20
LOWER EGYPT	62339	DAMANHUR	40	5	15	02	0	0	—	16.4	29	46	16
	62342	MANSURA	40	5	35	02	1	2	as	16.3	30	40	15
	62348	TANTA	00	0	35	01	1	4	Cu	16.6	29	46	16
	62354	ZAGAZIG	320	5	35	00	1	0	—	15.0	29	52	18
	62441	ISMAÎLIA	360	2	35	01	1	2	ac	14.2	32	34	14
CAIRO AREA	62366	FAROUK (Airport)	340	10	18	02	1	2	Sc	14.3	31	38	15
	62372	ALMÂZA	360	8	14	02	1	2	ac, Ci	14.4	30	47	18
		EZBEKÎYA	340	5	35	00	0	0	—	14.7	31	43	17
		GÎZA	340	5	35	00	0	0	—	15.2	31	38	15
	62378	HELWÂN	290	8	7	00	2	6	ac	14.6	31	38	15
UPPER EGYPT	62381	FAIYÛM	00	0	35	01	1	2	St	14.7	34	32	15
	62387	MINYA	00	0	12	00	0	0	—	13.9	34	36	17
	62393	ASYÛT MANQABAD	00	0	30	01	1	1	Ci	13.8	32		
	62399	NAG' HAMMADI	00	0	7	00	0	0	—	13.0	34	47	21
	62402	QENA	270	2	35	03	1	4	Ci	13.0	33	44	19
	62405	LUXOR	340	8	30	01	0	1	Ci		33	36	16
	62414	ASWÂN	250	3	50	01	1	3	as	11.6	34	41	17
OASES	62417	SÎWA	140	6	35	00	0	0	—	17.1	29	46	16
	62420	BAHARÎYA	00	0	35	01	1	2	ac	15.2	32	20	6
	62423	FARAFRA											
	62432	DAKHLA	360	6	50	00	0	0	—	13.5	33	19	6
	62435	KHARGA	40	1	35	00	0	0	—	13.4	34	32	15
RED SEA	62450	SUEZ	00	0	35	02	0	0	—	14.0	32	34	14
	62459	TÛR	310	2	35	00	0	0	—	14.0	30	59	21
	62462	HURGHÂDA											
	62465	QUSEIR	40	5	15	02	0	0	—	13.9	28	79	24
	62641	PORT SUDAN											
NORTH SUDAN	62600	WÂDI HALFA											
	62640	ABU HAMAD											
	62660	KAREIMA											
	62680	'ATBARA											
	62721	KHARTÛM											
	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 Mon. 7th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms
MEDITERRANEAN	62300	SALÛM	140	9	15	02	0	4	Ci	14.4	21	74	16	0
	62303	SÎDI BARÂNI	70	6	15	03	1	4	Cu, ac	15.5	21	88	19	0
	62306	MATRÛH	00	0	12	00	1	0	—	15.4	18	83	15	0
	62309	EL DABÂ	00	0	7	03	2	5	Cu	14.7	20	83	17	0
		ALEXANDRIA	90	6	35	03	1	6	Sc, ac	17.1	22	49	19	0
	62318	FOUAD (Airport)	40	6	10	02	0	0	—	16.8	18	88	16	0
	62330	DAMIETTA	360	2	10	02	0	1	Cu	16.6	23	84	20	0
	62333	PORT SA'ÎD	10	11	14	02	0	1	Sc	16.6	23	89	21	0
	62336	EL 'ARISH	00	0	35	03	2	5	St.	16.6	21			0
LOWER EGYPT	62339	DAMANHUR	40	9	7	02	0	0	—	17.2	18	83	15	0
	62342	MANSURA	360	5		00	1	0	—	17.4	21			0
	62348	TANTA	00	0	35	01	1	5	Cu	17.9	20	83	17	0
	62354	ZAGAZIG	40	5	35	00	0	0	—	16.0	22	74	17	0
	62441	ISMAÎLIA	360	2	35	03	2	8	As	16.2	22	89	20	0
CAIRO AREA	62366	FAROUK (Airport)	20	10	12	00	0	0	—	16.4	24	69	18	0
	62372	ALMÂZA	20	8	13	00	0	0	—	16.2	24	69	18	0
		EZBEKÎYA	340	4	15	00	0	0	—	16.7	23	74	18	0
		GÎZA	340	4	15	00	0	0	—	16.6	24	67	18	0
	62378	HELWÂN	320	15	3	06	1	0	—	15.9	25	54	15	0
UPPER EGYPT	62381	FAIYÛM	360	2	35	02	1	2	St	15.4	24	44	11	0
	62387	MINYA	00	0	10	00	0	0	—	14.6	22	65	15	0
	62393	ASYÛT MANQABAD												
	62399	NAG' HAMMADI	00	0	00	00	0	0	—	13.8	22	83	19	0
	62402	QENA	160	2	7	02	1	4	Ci	14.0	25	54	15	0
	62405	LUXOR	40	6	12	00	0	0	—	14.0	28	40	13	0
	62414	ASWÂN	00	0	50	00	0	0	—	12.3	32	34	14	0
OASES	62417	SÎWA	00	0	35	00	0	0	—	15.6	20	46	8	0
	62420	BAHARÎYA	00	0	15	02	0	0	—	16.2	24	32	6	0
	62423	FARAFRA												
	62432	DAKHLA	00	0	35	00	0	0	—	14.6	26	37	10	0
	62435	KHARGA	00	0	15	00	0	0	—	13.4	28	40	13	0
RED SEA	62450	SUEZ	00	0	15	02	0	0	—	15.0	24	69	18	0
	62459	TÛR	310	3	15	00	0	0	—		21	41	7	0
	62462	HURGHÂDA												
	62465	QUSEIR	40	9	15	02	0	0	—	15.1	25	94	24	0
	62641	PORT SUDAN												
NORTH SUDAN	62600	WÂDI HALFA												
	62640	ABU HAMAD												
	62660	KAREIMA												
	62680	'ATBARA												
	62721	KHARTÛM												
	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 8th November,

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	TEMPERATURES °C. MAXIMUM Yesterday	TEMPERATURES °C. MAXIMUM Diff. from normal	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. 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
MEDITERRANEAN	62300	SALÛM	180	14	3	07	2	8	as, Cu	10.8		25	26		14		37	10	0	dr		SALUM
	62303	SÎDI BARÂNI	160	16	15	03	2	8	Sc, Cu	12.4		22	25		18		67	13	0	1		SÎDI BARÂNI
	62306	MATRÛH	180	10	15	02	2	8	Fs, Fc	14.4		21	30		14		50	10	0	tr.		MATRÛH
	62309	EL DABÂ	160	4	15	03	2	6	Sc.	15.5		19	31		12		73	14	0	0		EL DABÂ
		ALEXANDRIA	110	6	7	00	0	4	Cu, as, Ci	15.8	-2.0	18	28	+2	17	-1	94	17	0	dr.	13	ALEXANDRIA
	62318	FOUAD (Airport)											29						0	0	11	FOUAD (Airport)
	62330	DAMIETTA	140	2	0.8	12	4	0	—	16.3	-0.2	22	27		20		95	22	0	dr.	9	DAMIETTA
	62333	PORT SA'ÎD	140	11	5	28	4	5	St.	15.7		22	27		20		89	20	0	0		PORT SA'ÎD
	62336	EL 'ARISH	00	0	35	01	0	0	—	16.7	+0.2	19	26	0	16	+2	88	17	0	0	7	EL 'ARISH
LOWER EGYPT	62339	DAMANHUR	130	9	0.8	43	4	4		16.8	-0.8	18	30	+3	16	+1	95	18	0	0	7	DAMANHÛR
	62342	MANSURA	110	2	0.8	49	4	9		15.9	-1.7	18	31	+4	17	+2	95	18	0	0	4	MANSÛRA
	62348	TANTA	00	0	35	03	2	6	Cu	16.8	-0.5	19	29	+1	14	0	95	19	0	0	4	TANTA
	62354	ZAGAZIG	140	2	0.8	43	4	8	Sc	15.8	-1.5	19	32	+4	11	-3	95	19	0	0	2	ZAGAZIG
	62441	ISMAÎLIA	90	2	35	01	0	0	—	15.6		20	33		18		83	17	0	dr.		ISMAÎLIA
CAIRO AREA	62366	FAROUK (Airport)	110	9	12	00	0	0	—	15.1		24	32		18		36	8	0	0		FAROUK (Airport)
	62372	ALMÂZA	00	0	9	00	0	0	—	14.9	-2.3	22	31		19		65	15	0	0		ALMÂZA
		EZBEKÎYA	90	4	15	00	0	0	—	15.4	-1.8	20	32	+5	17	+2	83	17	0	0	2	EZBEKÎYA
		GÎZA	90	4	15	00	0	0	—	15.4	-1.9	22	32	+5	17	+4	50	11	0	0	3	GÎZA
	62378	HELWÂN	00	0	3	00	0	1	St.	15.6	-1.9	20	32	+5	18	+3	64	13	0	0	1	HELWÂN
UPPER EGYPT	62381	FAIYÛM	00	0	35	01	0	0	—	15.8	-1.3	23	34	+6	17	+3	65	16	0	0	0	FAIYÛM
	62387	MINYA	00	0	10	02	1	1	Ci	14.9		20	35		14		78	16	0	0		MINYA
	62393	ASYÛT MANQABAD	00	0	30	00	0	0	—	15.3		24			18		47	12	0	0		ASYÛT MANQABAT
	62399	NAG' HAMMADI	00	0	7	00	0	0	—	15.4	-0.4	26	35		15		62	18	0	0		NAG' HAMMÂDI
	62402	QENA	80	3	15	00	0	0	—	15.8	+0.4	26	34	+2	16	+1	55	16	0	dr.		QENA
	62405	LUXOR	120	5	30	00	0	0	—	15.1		25	34				45	12	0	2		LUXOR
	62414	ASWÂN	00	0	50	00	0	0	—	14.4	-0.6	26	36	+3	22	+4	55	16	0	dr.		ASWÂN
OASES	62417	SÎWA	40	4	35	03	2	8	ac	16.6	-2.0	19	31	+2	12	+1	52	9	0	0	0	SÎWA
	62420	BAHARÎYA	360	2	35	02	0	0	—	16.0	-1.9	22	35	+7	15	+2	50	11	0	0	0	BAHARÎYA
	62423	FARAFRA																				FARAFRA
	62432	DAKHLA	00	0	35	00	0	0	—	15.2	-2.0	20	34	+4	19	+5	46	8	0	0		DAKHLA
	62435	KHARGA	00	0	35	00	0	0	—	14.4	-1.8	22	36	+6	18	+3	57	13	0	0		KHARGA
RED SEA	62450	SUEZ	00	0	35	02	0	0	—	15.2	-1.2	20	35	+7	16	-1	83	17	0	0	3	SUEZ
	62459	TÛR	20	4	35	00	0	0	—	15.2	-0.1	20	32	+5	16	0	64	13	0	1	1	TÛR
	62462	HURGHADA																				HURGHADA
	62465	QUSEIR	160	5	15	02	0	0	—	15.4	+0.5	25			20	-1	42	11	0	0	1	QUSEIR
	62641	PORT SUDAN	310	4	30	01	1	2	Cu.	14.7		29	37		23		74	24	0	0	23	PORT SÛDÂN
NORTH SUDAN	62600	WÂDI HALFA	110	1	30	00	0	0	—	12.6		25	35		19		30	6	0	0		WÂDI HALFA
	62640	ABU HAMAD	110	3	30	02	0	0	—	11.8		28	37		22		31	9	0	0		ABU HAMAD
	62660	KAREIMA	50	3	30	02	0	0	—	11.8		25	37		20		39	10	0	dr.	1	KAREIMA
	62680	'ATBARA	50	5	30	00	0	0	—	11.8		27	37		21		37	14	0	0	2	'ATBARA
	62721	KHARTÛM	10	7	30	01	0	0	—	10.2		28	38		22		25	6	0	11	4	KHARTÛM
	62780	KASSALA																	0	4	8	KASSALA
CENTRAL SUDAN	62751	WÂD MEDANI																	0	7	11	WÂD MEDANI
	62801	RENK	310	9	50	02	0	0	—	10.8		26	39		18		32	8	0		45	RENK
	62802	ROSEIRES																	0	47	32	ROSEIRES
	62771	EL OBEID	360	11	30	00	0	0	—	11.1		25	37		20		19	0	0	24	16	EL OBEID
	62760	EL FÂSHER	00	0	30	00	0	0	—			20	36		14				0	1	6	EL FÂSHER
	62770	GENEINA																			4	GENEINA
S. SUDAN	62840	MALAKÂL	50	6	30	00	0	0	—	10.4		26	36		19		45	13	0	38	80	MALAKÂL
	62880	WÂU	00	0	30	01	1	9	Ci	9.8		23	37		18		47	11	0	164	134	WÂU
	62941	JUBA																	0	41	107	JUBA

HUMIDITY % Mean of day

STATION	on 7th	Diff. from normal
Alexandria	83	+16
Ezbekîya	74	+6
Giza	76	+7
Helwân	47	-9

GÎZA GRASS MINIMUM TEMP. ON 8th 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

PRESSURE 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 7th

STATION	Matruh				Port 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.
300	90	7			20	7			350	12														
600	180	11			50	5			350	7														
1000					260	3			360	5														
1500	210	23			220	9			50	5														
2000					210	9			20	10														
3000	220	23							20	11														
4000	✓																							
5000																								
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 8th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABAD		LUXOR		ASWÂN		HURGHADA		Abu Hamad	
TIME	9		9				3				8 45		3		9				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	190	39	180	16			90	7			210	5	100	11	140	5			30	4			170	21
600	190	44	210	18			110	3			160	8	70	9	150	10			110	11			190	5
1000	210	43	210	19			180	4			130	9	50	9	150	12			90	16			120	3
1500	220	35	200	26			230	4			150	7	80	8	120	9			60	10			50	6
2000			220	29							180	9	130	5	100	9			70	10			60	3
3000											180	8			80	5			60	6				
4000											220	7			290	6								
5000															260	16								
6000															240	31								
7000															240	30								
8000															250	38								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ ḤAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	9		9				7		4								3 30		4		4 15		4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	180	21	140	3			40	8	80	8														
600	200	28	90	4			60	8	70	17							90	9					30	15
1000	200	31	150	16			110	9	70	18							90	13	20	25	10	11	20	22
1500	200	26	150	23			90	9	100	12							40	9	20	14	80	10	30	30
2000	200	27	160	17			70	5											30	12	100	5		
3000	210	29					150	9	170	8							320	5	130	8	80	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.

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Note: All times G. M. T.