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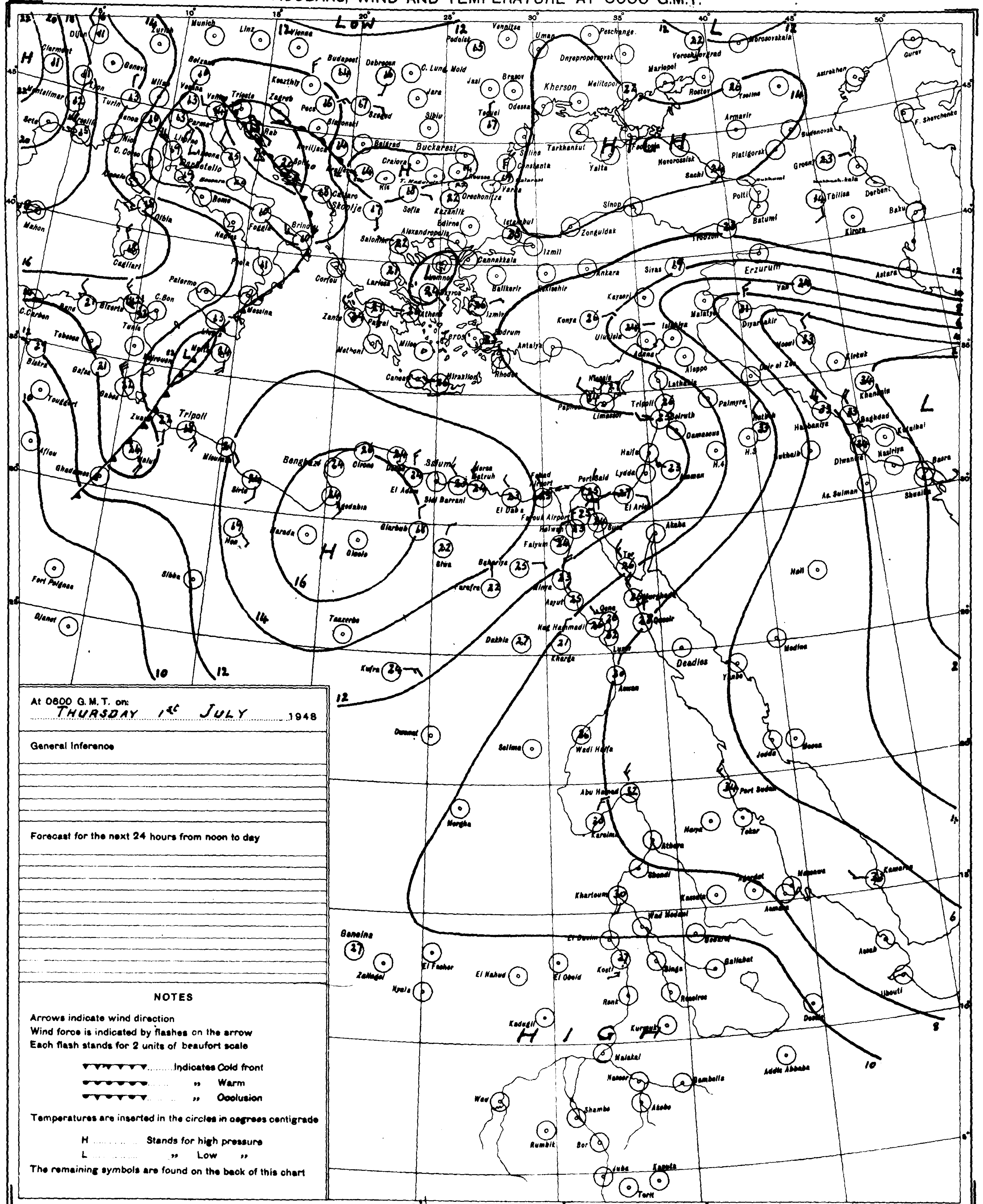
Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: THURSDAY 1st JULY 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼ Indicates Cold front
▼▼▼▼▼▼ ” Warm
▼▼▼▼▼▼ ” Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ” Low ”

The remaining symbols are found on the back of this chart

S.W.E. 1948 (48/195)

SCALE 1:15,000,000

Egypt. Physical Dept.
Daily weather report

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WEATHER BUREAU

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National Oceanic and Atmospheric Administration

Environmental Data Rescue Program

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

Form 91

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

CAIRO

Time of Sunrise ..... 02 57 G.M.T.

" " Sunset ..... 17 00 G.M.T.

DAILY WEATHER REPORT

Date : THURSDAY 1st JULY , 1948.

AREA	INDEX NUMBER	STATION	At 1200 on Wednesday 30th June — PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms	At 1800 on 30th June — PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	01	9	28	3	1	5	8	—	24.3	64	17	0	01	8	28	3	1	5	9	—	22.0	82	19	0
	160	MATRÛH	00	8	30	4	0	0	—	13	25	65	18	0	01	7	29	3	0	5	6	13	22	78	18	0
	134	EL DABA	00	8	30	3	0	0	—		25.2	74	20	0	00	4	28	2	0	0	—	13.4	22.1	81	19	0
	132	ALEXANDRIA	01	9	32	3	2	3	8	12.0	25.8	59	17	0	00	5	32	2	0	0	—	13.1	22.4	82	19	0
	150	FOUAD (Airport)	00	7	29	2	0	tr	8	11.9	27	55	17	0	00	7	30	2	0	tr	8	11.9	23	78	18	0
	159	DAMIETTA	00	8	28	3	1	tr	8	10.8	26.0	68	19	0	00	7	30	2	0	0	—	11.1	23.0	80	19	0
	161	PORT SAÏD	00	7	31	3	0	0	—	11	26	62	18	0	00	7	31	3	0	0	—	11	24	74	19	0
	135	EL ʿARISH	00	9	30	4	0	0	—	10.6	26.8			0	01	9	32	2	1	3	8	11.2	24.2			0
LOWER EGYPT	136	DAMANHUR	00	7	04	4	1	0	—	12.3	28.4	46	15	0	00	7	32	3	0	0	—	12.6	22.6	72	18	0
	137	MANṢURA	00	8	32	1	1	0	—	10.7	30.2	52	19	0	00	6	28	2	0	0	—	11.8	23.8	73	19	0
	138	TANTA	00	8	32	2	0	0	—	11.8	30.5	41	15	0	00	8	32	1	0	0	—	12.3	23.3	63	15	0
	139	ZAGAZIG	00	6	32	3	0	0	—	10.2	30.1	51	19	0	00	6	32	2	0	0	—	11.4	26.0	69	20	0
		SHIBÎN EL KÔM	00	8	02	3	0	0	—	11.5	31.9	34	14	0	00	7	02	2	0	0	—	12.2	23.0	72	18	0
		ISMAÏLÍA	00	8	02	1	0	0	—	9.8	31.7	37	16	0	00	8	02	1	0	0	—	10.7	25.6	57	17	0
CAIRO AREA	928	FAROUK(Airport)	00	7	30	2	0	0	—	10	32	34	14	0	00	7	32	2	0	0	—	11	27	52	16	0
	141	ALMÂZA	00	8	30	2	0	0	—	9.9	30.8	33	12	0	00	7	32	3	0	0	—	10.1	27.8	41	14	0
		EZBEKÎYA	00	8	02	2	0	0	—	10.6	31.8	34	13	0	00	8	30	1	0	0	—	11.1	27.7	40	13	0
		GÎZA	00	8	02	2	0	0	—	10.8	31.3	37	15	0	00	8	30	1	0	0	—	11.2	26.3	60	18	0
	143	HELWÂN	00	7	28	3	0	0	—	9.4	30.5	27	09	0	00	7	30	4	0	0	—	10.2	27.7	40	13	0
UPPER EGYPT	153	FAIYÛM	00	8	02	2	0	0	—	9.4	30.4	34	12	0	00	8	32	1	0	0	—	9.6	27.1	48	15	0
		BENI SUEF	00	9	02	2	0	0	—	7.6	32.8	28	12	0	00	9	02	1	0	0	—	9.0	28.4	45	15	0
	162	MINYA	00	8	02	4	0	0	—	9	32	28	11	0	00	7	32	3	0	0	—	9	25	47	13	0
	155	ASYÛT	00	8	26	1	0	0	—	8.4	33.1	21	08	0	00	6	22	1	0	0	—	9.0	26.8	32	09	0
	164	NAG' HAMMÂDI	00	8	28	1	0	0	—	6.8	33.3	40	18	0	00	8	00	0	0	0	—	6.8	25.9	55	16	0
	156	QENA	00	8	32	2	0	0	—	5.8	37.4	23	13	0	00	6	24	2	0	0	—	5.9	30.4	30	11	0
	157	LUXOR	00	8	21	3	0	0	—	6	37	13	04	0	00	7	00	0	0	0	—	6	32	22	08	0
	158	ASWÂN	00	9	00	0	0	0	—	5.9	39.0	18	11	0	00	9	00	0	0	0	—	5.5	36.0	17	07	0
OASES	148	SIWA	00	8	30	4	0	0	—	14.6	31.4	52	20	0	00	6	00	0	0	0	—	12.0	30.5	50	18	0
	149	BAHARÎYA	00	8	32	1	1	0	—	11.1	31.0	27	10	0	00	7	04	1	0	0	—	10.8	29.0	24	07	0
		FARAFRA													00	7	30	1	0	0	—	10.8	26.8	29	07	0
	152	DAKHLA	00	9	30	4	0	0	—	9.6	31.2	50	19	0	00	8	28	2	0	0	—	8.7	29.4	53	18	0
	151	KHARGA	00	9	02	1	0	0	—	8.3	32.9	26	11	0	00	7	00	0	0	0	—	8.0	29.3	28	08	0
RED SEA	144	SUEZ	00	8	32	3	0	0	—	8.8	30.6	38	15	0	00	7	32	4	0	0	—	9.2	27.1	53	16	0
	145	TÛR	00	9	28	4	0	0	—	—	27.0	57	18	0	00	8	28	2	0	0	—	—	28.2	59	19	0
	163	HURGHÂDA	00	9	01	3	0	0	—	7	27	74	22	0	00	8	29	3	0	0	—	7	27	66	20	0
	147	QUSEIR	00	7	02	2	0	0	—	7.6	27.0	77	23	0	00	8	32	1	0	0	—	7.8	26.7	72	21	0
	208	PORT SÛDAN																								
NORTH SUDAN	165	WADI HALFA																								
	166	KAREIMA																								
	167	ʿATBARA																								
	209	KHARTÛM																								
	170	KASSALA																								
CENTRAL SUDAN	171	WAD MEDANI																								
	182	RENK																								
	172	ROSEIRES																								
	174	EL OBEID																								
	175	EL FÂSHER	·1	8	04	1	1	3	—	—	37	19	10	0												
	179	GENEINA																								
S. SUDAN	176	MALAKÂL	01	8	20	1	1	7	9,4	7	31	55	21	0												
	177	WÂU	01	8	12	2	1	3	8	7	32	52	21	0												
	178	JUBA	01	6	20	1	1	5	8,4	8	31	59	22	0												

HUMIDITY

Mean of day

STATION	on 30-6	Diff. from normal
Alexandria	69	-5
Ezbekiya	50	-7
Giza	59	+3
Helwân	47	+3

GIZA

GRASS MINIMUM TEMP ON 1-7 15.3 °C

Remarks

UPPER AIR OBSERVATIONS on 30th June

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AERODROME ASCENT — ON 1st At

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C
SURFACE	1002.	18	17
500	976	21	18
1000	959	19	17
1500	950	19	17
2000	900	23	14
3000	850	25	9
4000	800	23	8
5000	750	19	6
6000	700	15	3
7000	650	12	1
8000	600	9	-1
9000	550	6	-1
10000	500	2	-3
11000	450	-4	-4

FAROUK AIRPORT RAWINSONDE — ON At

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					
250					
200					
150					
100					

STATION	Matruh				P.Said		Mersa											
TIME	14				14 45		15											
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	320	35			340	9	350	15										
500	300	27			340	8	350	19										
1000	320	13			350	8	360	23										
1500	340	16			10	5	10	19										
2000	20	16			280	10	20	13										
3000	360	21					20	18										
4000	360	23																
5000	320	24																
6000																		
7000																		
8000																		

STATION																		
TIME																		
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200																		
500																		
1000																		
1500																		
2000																		
3000																		
4000																		
5000																		
6000																		
7000																		
8000																		

At 0600 on Thursday 1st

PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. MAXIMUM Yesterday	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1	STATION	AREA
ww	V	DD	F	W		C	PPP		TT	TxTx		TnTn		UU						
01	9	28	3	1	5	8	—		23.1	25		20		82	20	0	171	—	SÎDI BARÂNI	MEDITERRANEAN
00	8	28	3	0	0	—	14		24	26		17		79	20	0	—	—	MATRÛH	
01	8	28	1	0	3	8			23.2	27		20		82	20	0	117	—	EL DABA	
00	9	32	2	0	0	—	13.6	+2.8	24.6	27	-2	21	-1			0	209	186	ALEXANDRIA	
00	7	34	1	0	0	—	129		25	27		19		74	20	0	213	138	FOUAD (Airport)	
00	8	02	2	1	1	8	12.4	+2.6	25.8	27		18		71	20	0	85	106	DAMIETTA	
00	7	00	0	1	1	6	13		25	27		22		61	17	0	56	—	PORT SAʿID	
00	9	10	2	0	1	8	12.4	+2.7	26.7	27	-2	19	0	78	23	0	—	94	EL ʿARISH	
00	7	02	2	0	0	—	12.8	+2.8	25.6	29	-4	19	0	66	19	0	105	101	DAMANHÛR	LOWER EGYPT
01	8	32	1	1	5	8	13.2	+3.1	24.2	32	-3	18	-2	77	20	0	73	55	MANṢÛRA	
00	8	00	0	0	0	—	13.6	+3.3	25.0	31	-4	15	-4	61	17	0	26	44	TANTA	
00	6	32	2	0	0	—	13.1	+2.8	25.2	33	-2	18	-1	66	18	0	36	27	ZAGAZIG	
00	7	04	1	0	tr	8	13.2	+2.6	24.9	33		17		64	18	0	34	—	SHIBÎN EL KÔM	
00	7	00	0	0	0	—	13.1		25.0	33		20		47	13	0	21	—	ISMAÏLÍA	
00	7	04	4	1	1	8	13		25	32		19		64	15	0	—	—	FAROUK(Airport)	CAIRO AREA
01	7	04	1	2	5	6	12.7		23.2	32		19		65	16	0	·5	—	ALMÂZA	
01	7	04	2	1	3	8	13.1	+2.7	23.7	33	-3	20	-1	72	19	0	32	26	EZBEKÎYA	
01	7	04	2	1	3	8	13.1	+2.4	23.5	32	-3	18	-1	67	18	0	31	27	GÎZA	
00	7	32	3	0	0	—	12.6	+2.4	23.3	32	-3	19	-2	61	15	0	19	29	HELWÂN	
00	8	02	2	0	0	—	13.0	+3.0	23.5	32	-4	18	-2	63	16	0	11	8	FAIYÛM	UPPER EGYPT
00	9	02	2	0	0	—	11.9		25.4	34		18		59	16	0	11	—	BENI SUEF	
00	7	01	4	0	0	—	11		23	33		18		65	16	0	13	—	MINYA	
00	7	28	1	0	0	—	11.1	+2.0	25.4	34	-3	20	-2	54	15	0	dr	4	ASYÛT	
00	8	00	0	0	0	—	8.7	+0.7	26.0	34		18		57	17	0	0	—	NAG' HAMMÂDI	
00	8	22	3	0	0	—	8.8	+1.4	26.0	39	-2	22	-2	47	13	0	5	—	QENA	
00	8	00	0	0	0	—	8		32	38		23		26	10	0	dr	—	LUXOR	
00	9	02	1	0	0	—	8.2	+0.6	30.0	40	-2	23	-3	25	08	0	dr	—	ASWÂN	
00	7	02	2	0	0	—	15.4	+2.6	21.5	34	-4	18	-2	80	17	0	23	8	SIWA	OASES
01	7	08	2	1	5	4	13.5	+2.7	25.2	32	-4	17	-3	73	20	0	18	7	BAHARIYA	
00	7	32	1	0	0	—	13.4		22.0	34		17		62	14	0	—	—	FARAFRA	
00	8	00	0	0	0	—	10.5	+0.6	27.3	33	-6	20	-3	54	17	0	dr	—	DAKHLA	
00	9	02	1	0	0	—	9.4	+1.0	26.1	32	-7	24	+1	51		0	0	—	KHARGA	
00	9	32	2	0	0	—	11.5	+2.2	24.1	34	-2	20	-2	65	17	0	—	17	SUEZ	RED SEA
00	8	28	3	0	0	—	—	—	25.8	32	-2	22	-2	72	20	0	0	13	TOR	
00	9	30	4	0	0	—	9		26	28		24		70	20	0	1	3	HURGHADA	
00	8	32	3	0	0	—	8.0	+1.0	28.2	27	-6	24	-2	60	20	0	0	4	QUSEIR	
00	7	30	3	0	0	—	7		34					30	14	0	291	97	PORT SUDAN	
00	8	00	0	0	0	—	9									0	tr	—	WADI HALFA	NORTH SUDAN
00	8	02	3	0	0	—	9		30					22	06	0	tr	2	KAREIMA	
																0	2	9	ʿATBARA	
01	8	18	1				9		30					49	18	0	8	17	KHARTÛM	
																0	26	54	KASSALA	
																0	95	59	WAD MEDANI	CENTRAL SUDAN
																—	—	171	RENK	
																0	226	244	ROSEIRES	
																0	134	73	EL OBEID	
01	9	18	4	1	5	—	10									0	27	35	EL FÂSHER	
01	8	18			5	4	—		27					35	17	—	—	82	GENEINA	
																8	327	333	MALAKÂL	S. SUDAN
																1	378	541	WÂU	
																8	461	608	JUBA	

UPPER AIR OBSERVATIONS on 1st July

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		
TIME			4				3 30				4		6 45		3				6		5		5 15
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD VV
200			320	15			320	2			20	15	10	8	10	22			330	2	360	6	60 17
500			360	11			350	3			40	14	40	7	20	33			20	8	10	11	70 17
1000			360	13			20	10			20	24	40	18	20	33			60	6	80	6	40 24
1500			360	20			10	12					40	16	300	9			210	6	190	8	40 28
2000			360	15									40	14							170	18	40 27
3000			30	15																			30 24
4000			20	19																			
5000																							
6000																							
7000																							
8000																							

STATION	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL
TIME	5		5		6																		
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD VV
200	30	12			360	16																	
500	40	18			10	27																	
1000	40	29	20	15	20	29																	
1500	30	23	20	10	60	8																	
2000	30	22	60	14	100	7																	
3000	40	12																					
4000	40	15																					
5000																							
6000																							
7000																							
8000																							

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

LIBRARY FEB 1 1949 WEATHER BUREAU

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ...	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
... of Snow	83, 84
... of Sleet	85, 86
... of Hail	88, 89
Thunderstorm	90-99
... ended, now Rain	91
... with Hail	94-96
... with Duststorm	98
... heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at ... metres	0
...	1
...	2
1 Kilometre	3
...	4
...	5
...	6
...	7
...	8
Visible over 50 kms	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	KPH	force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane over 104		12

WIND DIRECTION (DD)

Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Form 91

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

DAILY WEATHER REPORT

Date : Friday 2nd JULY, 1948.

CAIRO
Time of Sunrise ..... 02.57 G.M.T.
" " Sunset ..... 17.00 G.M.T.

At 1200 on Thursday 1st

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	00	9	28	3	0	0	—	—	24.8	80	20	0
	160	MATRÛH	01	8	23	4	0	3	6	14	26	79	22	0
	134	EL DABA												
	132	ALEXANDRIA	00	9	32	3	0	0	—	13.1	26.0	73	21	0
	150	FOUAD (Airport)	00	7	28	3	0	0	—	12.9	27	70	21	0
	159	DAMIETTA	00	8	30	2	1	0	—	12.0	28.5	60	20	0
	161	PORT SAÏD	00	8	32	3	0	0	—	13	28	58	19	0
	135	EL 'ARISH	00	9	03	2	4	0	—	11.8	26.6			0
LOWER EGYPT	136	DAMANHUR	00	7	28	3	0	0	—	12.6	31.6	47	19	0
	137	MANŞURA	00	8	32	2	1	0	—	11.9	33.2	40	18	0
	138	ṬANṬA	00	8	28	2	0	0	—	12.6	33.5	45	20	0
	139	ZAGAZIG	00	6	32	2	0	0	—	12.4	32.2	45	19	0
		SHIBÎN EL KÔM	00	8	04	3	0	0	—	12.3	33.6	34	16	0
		ISMAÏLÍA	00	8	02	1	0	0	—	11.6	33.5	25	11	0
CAIRO AREA	928	FAROUK (Airport)	00	8	04	4	0	0	—	10.	34	22	09	0
	141	ALMÁZA	00	9	02	7	0	0	—	11	33	23	09	
		EZBEKÍYA	00	8	30	5	0	0	—	11.2	33.3	27	12	0
		GÍZA	00	8	30	5	0	0	—	11.5	33.5	28	13	0
	143	ḤELWÂN	00	8	32	4	0	0	—	10.2	34.1	14	03	0
UPPER EGYPT	153	FAIYÛM	00	8	02	2	0	0	—	10.3	32.8	25	10	0
		BENI SUEF	00	9	02	1	0	0	—	10.2	34.8	21	10	0
	162	MINYA	00	8	01	4	0	0	—	9	34	23	10	0
	155	ASYÛṬ	00	8	36	1	0	0	—	9.0	35.2	27	13	0
	164	NAG' ḤAMMÂDI	00	8	00	0	0	0	—	7.0	37.4	32	18	0
	156	QENA	00	9	24	2	0	0	—	6.6	40.0	21	14	0
	157	LUXOR	00	8	24	1	0	0	—	6	40	12	05	0
	158	ASWÂN	00	9	01	0	0	0	—	5.1	41.5	13	08	0
OASES	148	SIWA	00	6	00	0	2	0	—	14.0	36.4	20	10	0
	149	BAHARÍYA	00	8	32	1	1	0	—	11.0	34.5	21	09	0
		FARAFRA	00	8	32	1	0	0	—	11.1	33.6	19	05	0
	152	DAKHLA	00	9	28	2	0	0	—	9.3	33.0	44	19	0
	151	KHARGA	00	9	02	2	0	0	—	7.6	36.4	23	11	0
RED SEA	144	SUEZ	00	8	32	3	0	0	—	10.0	34.1	27	12	0
	145	ṬÛR												
	163	HURGHÂDA	00	9	02	3	0	0	—	7	28	70	22	0
	147	QUSEIR	00	8	02	3	0	0	—	8.3	29.6	67	23	0
	208	PORT SÛDÂN	00	7	30	3	0	0	—	7	34	30	14	0
NORTH SÛDÂN	165	WADI HALFA	00	8	00	0	0	0	—	9	36			
	166	KAREIMA	00	8	02	3	0	0	—	9	30	22	06	0
	167	'ATBARA												
	209	KHARTÛM	01	8	18	1				9	30	49	18	0
	170	KASSALA												
CENTRAL SÛDÂN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA	01	3							27	55	17	
S. SÛDÂN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 1800 on 1st

PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
ww	V	DD	F	W		C	PPP	TT	UU		
02	8	29	3	1	8	6	15	23	84	20	0
00	5	32	2	0	0	—	14.0	23.6	81	20	0
00	7	30	2	0	0	—	13	24	84	21	0
00	7	28	2	0	0	—	12.4	24.2	90	22	0
00	7	30	4	0	0	—	12	25	74	20	0
00	9	32	3	0	0	—	11.4	24.1	98	24	0
00	7	32	3	0	0	—	12.3	23.3	67	17	0
00	6	32	2	0	0	—	13.0	25.5	72	19	0
00	8	32	1	0	0	—	13.4	24.6	43		0
00	6	32	2	0	0	—	13.0	26.0	67	19	0
00	7	02	2	0	0	—	13.1	26.6	54	16	0
00	7	02	2	0	0	—	11.8	27.0	56	18	0
00	7	02	4	0	0	—	11	30	31	11	0
00	7	02	3	0	0	—	11.2	30.2	41	15	0
00	8	04	2	0	0	—	11.9	28.1	51	17	0
00	8	04	2	0	0	—	12.2	29.4	46	16	0
00	7	32	4	0	0	—	10.8	30.0	38	14	0
00	8	02	2	0	0	—	9.9	30.0	36	13	0
00	9	02	1	0	0	—	10.2	30.0	37	14	0
00	7	32	2	0	0	—	10	29	35	12	0
00	6	22	1	0	0	—	9.0	28.6	30	09	0
00	8	00	0	0	0	—	7.8	30.4	39	15	0
00	6	24	2	0	0	—	6.6	33.4	31	14	0
00	7	00	0	0	0	—	7	35	23	11	0
00	9	00	0	0	0	—	6.8	37.0	14	06	0
00	6	02	3	0	0	—	13.2	34.1	26	12	0
00	7	32	1	0	0	—	11.2	31.5	23	08	0
00	7	32	1	0	0	—	13.4	29.1	30	10	0
00	8	00	0	0	0	—	9.3	32.6	45	18	0
00	7	00	0	0	0	—	8.0	31.6	23	08	0
00	6	32	4	0	0	—	11.1	27.9	37	11	0
00	9	29	3	0	0	—	9	28	62	20	0
00	8	32	1	0	0	—	8.3	29.6	46	17	0

At 0600 on Friday 2nd

PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. MAXIMUM Yesterday	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
ww	V	DD	F	W		C	PPP		TT	TxTx		TnTn		UU				
00	9	28	2	0	0	—	—	—	23					72		0	171	—
00	8	28	3	1	2	6	15		23	27		18		84	20	0	—	—
																0	117	—
00	9	04	1	0	0	—	13.2		25							0	209	186
00	7	31	1	0	0	—	13		26	28		22		79	22	0	213	138
00	7	28	1	0	0	—	13.2	+3.5	26.2	29		21		60	18	0	85	106
00	7	32	1	0	tr	8	13		26	28		23		70	20	0	56	—
00	9	18	2	0	0	—	11.1	+1.5	25.3	28	-1	18	-1	83	22	0	—	94
00	6	32	2	0	tr	8	13.1	+3.5	23.3	32	-1	19	0	70	17	0	105	101
02	7	02	2	2	8	6	13.4	+3.4		34	-1	20	0	90	—	0	73	55
00	8	32	1	9	0	—	—	—	—	34	-1	17	-2	68	—	0	26	44
00	6	32	2	0	0	—	13.0	+2.7	26.0	32	-3	19	0	69	20	0	36	27
00	7	02	2	1	1	8	13.1	+2.5	25.0	35		20		74	20	0	34	—
00	7	30	1	0	0	—	11.8		26.8	35		20		66	20	0	21	—
01	6	30	2	1	5	6	12		22	35		20		94	21	0	—	—
05	5	32	1	4	5	6	12.7		23.1	35		19		82	20	0	25	—
01	6	32	2	0	3	6	13.0	+2.7	23.0	34	-2	20	-1	85	20	0	32	26
01	6	32	2	0	3	6	13.1	+2.7	22.5	34	-1	18	-1	90	20	0	31	27
05	6	30	3	0	0	—	12.3	+2.2	24.9	36	+1	19	-2	63	18	0	19	29
00	8	00	0	0	0	—	11.6	+1.7	25.1	35	-1	20	0	68	19	0	11	8
00	9	02	1	0	0	—	11.5			35		17				0	11	—
00	7	01	4	0	0	—	10		24	36		19		69	18	0	12	—
00	7	22	1	0	0	—	10.3	+1.2	26.6	37	0	20	-2	45	14	0	04	4
00	8	00	0	0	0	—	8.5	+0.8	28.4	37		20		44	15	0	0	—
00	8	24	2	0	0	—	8.2	+0.9	29.0	42	+1	23	-1	41	14	0	5	—
00	8	00	0	0	1	—	8		33	42		25		24	10	0	dr	—
00	9	00	0	0	0	—	8.3	+0.7	32.8	43	+1	26	0	27	11	0	dr	—
00	7	28	1	0	0	—	11.6	+3.9	25.2	39	+1	19	-1	59	16	0	23	8
00	7	32	2	0	0	—	13.2	+2.5	22.0	36	0	18	-2	74	17	0	18	7
00	7	32	1	0	0	—	12.7		26.2	36		20		29	07	0	—	—
00	8	00	0	0	0	—	9.9	+0.1	30.0	36	-3	25	+2	45	17	0	dr	—
00	9	02	2	0	0	—	8.8	+0.5	29.6	37	-2	23	0	35	13	0	0	—
00	8	32	2	0	0	—	12.0	+2.7	28.6	36	0	21	-1	32	10	0	—	17
																0	0	13
00	9	30	4	0	0	—	9		27	29		23		57	18	0	1	3
00	8	32	3	0	0	—	8.0	+1.0	29.0	31	-2	26	0	64	22	0	0	4
01	8	16	3	1	5	4	6		35					35	17	0	291	97
																0	6	—
																0	5	2
																0	2	9
01	8	18	3	1	5	4	10		31					41	16	0	8	17
																0	24	56
																0	95	60
																0		174
																23	449	249
																0	134	74
01	8	16	2	1	7	4	—	—	25					70	19	0	27	36
01	8	14	1	1	3	8;4	—	—	23					78	19	0		85
																2	329	338
																4	402	547
																0	461	613

HUMIDITY

Mean % of day

STATION	on 18th	Diff. from normal
Alexandria		
Ezbekîya	58	+1
Giza	53	-3
Helwân	47	+2

GIZA
GRASS MINIMUM TEMP
ON 2nd — °C

Remarks

UPPER AIR OBSERVATIONS on 1st

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA
AEROPLANE ASCENT
ON 2nd At 5 h

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C
SURFACE	1003	19	18
500	976	21	19
1000	956	21	18
1500	952	24	13
2000	900	25	14
4000	850	21	12
5000	800	20	8
7000	750	17	5
10000	700	14	3
12000	650	9	-1
14000	600	4	-3
15000	550	3	-1
17000	500	-1	-3
20000	450	-7	-7

FAROUK AIRPORT
RAWINSONDE
ON 2nd At 03.36

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		20	82	30	3
1000	340	20	85	30	3
950					
900	3350	24	25	50	26
850	4980	20	35	30	23
800	6680	20	15	50	12
700	10400	13		50	14
600	14570	5		40	06
500	19390	-2		290	7
400		-13			
300					
250					
200					
150					
100					

STATION												
TIME												
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200												
500												
1000												
1500												
2000												
3000												
4000												
5000												
6000												
7000												
8000												

STATION												
TIME												
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200												
500												
1000												
1500												
2000												
3000												
4000												
5000												
6000												
7000												
8000												

UPPER AIR OBSERVATIONS on

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SÎDI BARÂNI		MAṬRÛḤ		ḤELWÂN		MINYA		ASYÛṬ		LUXOR		ASWÂN		SIWA	
TIME							3				6				6	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200							360	47			20	5			50	11
500							20	42			30	14			70	7
1000							30	45			60	14			50	12
1500											70	10			20	12
2000															20	14
3000															60	18
4000															60	23
5000																
6000																
7000																
8000																

STATION	BAHARÎYA		DAKHLA		KHARGA		MURGHADA		WÂDI HALFA		ABU ḤAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME	5		5		5														5	15				
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	30	13	30	4	10	11													250	11				
500	40	19	30	8	20	16													240	21				
1000	40	22	30	10	20	16																		
1500	50	16	100	14	40	19																		
2000	60	10	110	13																				
3000	140	5																						
4000	160	6																						
5000	60	11																						
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/198)

Note: All times G. M. T.

LIBRARY
FEB 1 1949
WEATHER BUREAU

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist of Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

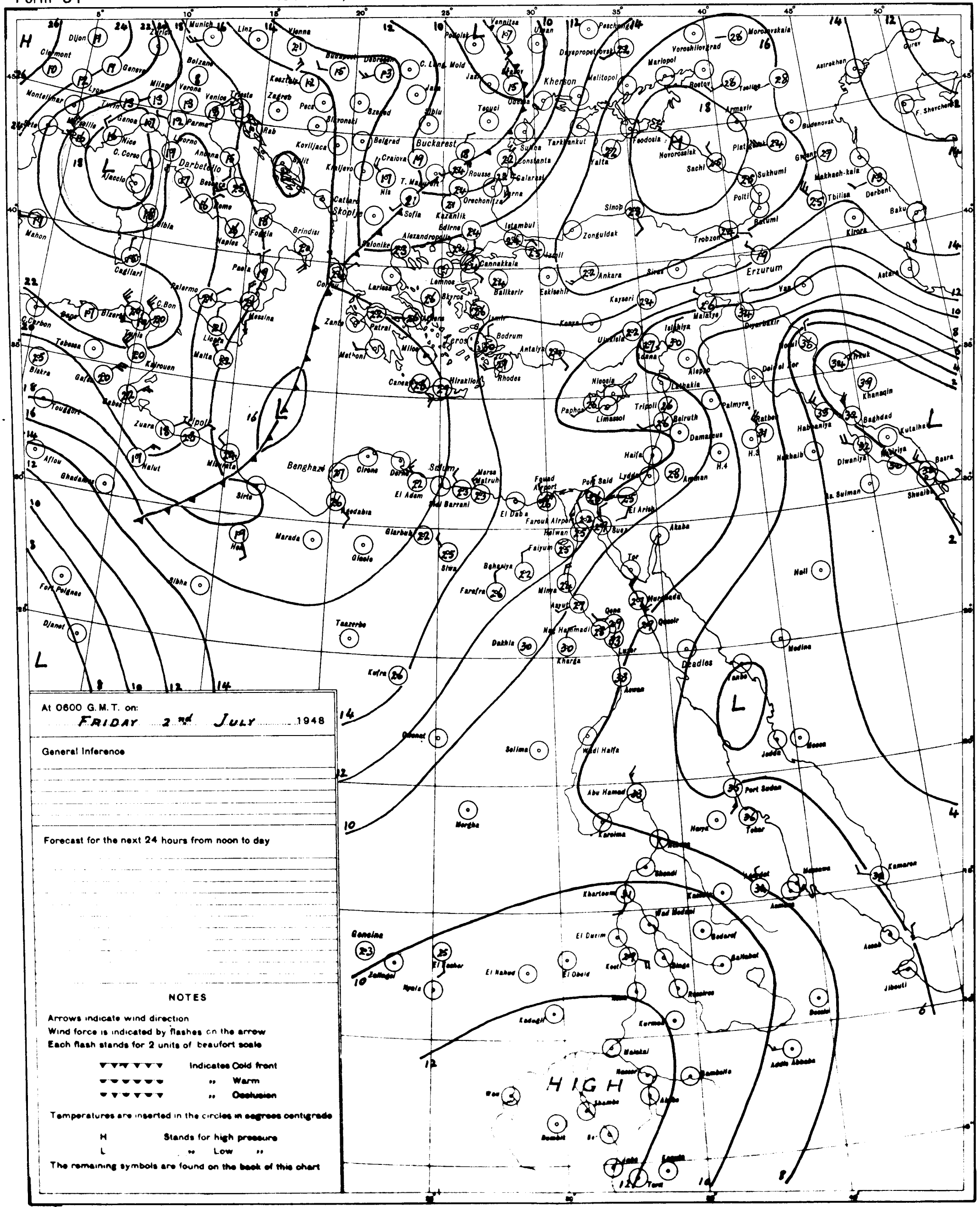
	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:

FRIDAY 2nd JULY 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction

Wind force is indicated by flashes on the arrow

Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼	Indicates Cold front
▼▼▼▼▼▼	,, Warm
▼▼▼▼▼▼	,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H	Stands for high pressure
L	,, Low ,,

The remaining symbols are found on the back of this chart

SCALE 1 15,000,000

CAIRO
Time of Sunrise 22 58 G.M.T.
" " Sunset 17 00 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: SATURDAY 3rd JULY, 1948.

At 1200 on Friday 2nd

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI												
	160	MATRÛH												
	134	EL DABA												
	132	ALEXANDRIA	00	9	32	4	0	0	—	12.7	26.0	77	22	0
	150	FOUAD (Airport)	00	7	29	4	0	0	—	12.4	28	70	22	0
	159	DAMIETTA	00	8	30	3	0	0	—	11.4	30.1	59	21	0
	161	PORT SA'ÎD	00	7	31	3	0	0	—	12	28	66	21	0
	135	EL 'ARISH	00	9	30	3	0	0	—	11.6	26.9	86	24	0
LOWER EGYPT	136	DAMANHÛR	00	7	28	3	0	0	—	12.6	34.8	33	16	0
	137	MANSÛRA	00	8	22	2	1	0	—	11.4	36.0	37	19	0
	138	TANTA	00	8	00	0	0	0	—	11.5	36.0	23	12	0
	139	ZAGAZIG	00	6	32	2	0	0	—	10.8	32.4	47	19	0
		SHIBÎN EL KÔM	00	8	04	3	0	1	8	11.2	34.2	31	15	0
		ISMAÎLÍA	00	8	02	2	0	0	—	10.4	36.0	29	15	0
CAIRO AREA	928	FAROUK (Airport)	00	8	04	4	0	0	—	11	37	27	15	0
	141	ALMÂZA	00	8	02	4	0	0	—	10.4	34.5	31	16	0
		EZBEKÎYA	00	8	04	2	0	0	—	10.7	35.2	34	17	0
		GÎZA	00	8	04	2	0	0	—	10.8	35.0	35	17	0
	143	HELWÂN	00	7	32	2	0	0	—	9.6	36.8	17	08	0
UPPER EGYPT	153	FAIYÛM	00	8	32	3	0	0	—	9.2	36.7	21	12	0
		BENI SUEF	00	9	02	3	0	0	—	8.8	38.1	21	12	0
	162	MINYA	00	8	01	4	0	0	—	8	37	31	17	0
	155	ASYÛT												
	164	NAG' HAMMÂDI	00	8	00	0	0	0	—	6.4	39.6	28	18	0
	156	QENA	00	9	24	2	0	0	—	5.6	42.6	21	16	0
	157	LUXOR	00	8	24	2	0	Gr	1	5	43	13	09	0
	158	ASWÂN	00	7	00	0	0	0	—	6.2	43.0	16	12	0
OASES	148	SIWA	00	8	00	0	0	0	—	14.0	39.5	30	19	0
	149	BAHARÎYA	00	8	32	1	0	0	—	10.4	37.0	20	11	0
		FARAFRA	00	8	04	1	0	0	—	9.2	37.2	—	—	0
	152	DAKHLA	00	9	28	3	0	0	—	7.8	38.5	37	21	0
	151	KHARGA	00	9	00	0	0	0	—	5.8	40.3	17	11	0
RED SEA	144	SUEZ	00	8	32	2	0	0	—	9.2	37.3	24	13	0
	145	TÛR	00	8	28	4	0	0	—	—	29.3	27	08	0
	163	HURGHÂDA	00	9	01	1	0	0	—	8	29	66	22	0
	147	QUSEIR	00	8	02	2	0	0	—	8.0	30.7	58	22	0
	208	PORT SÛDAN												0
NORTH SÛDÂN	165	WADI HALFA												0
	166	KAREIMA												0
	167	'ATBARA												0
	209	KHARTÛM												0
	170	KASSALA	02	8					8	6	38	25	15	0
CENTRAL SÛDÂN	171	WAD MEDANI												0
	182	RENK												0
	172	ROSEIRES												0
	174	EL OBEID	22	8	24	3	6	5		9.5	9	24	84	21
	175	EL FÂSHER	25	8	08	2	1	5		9	—	34	27	12
	179	GENEINA	02	8	24	2	1	8		8.4	—	31	33	13
S. SÛDÂN	176	MALAKÂL	01	8	16	1	1	5		8.4	9	29	70	22
	177	WÂU	01	8	14	1	1	3		9	9	31	59	22
	178	JUBA												0

At 1800 on 2nd

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	00	9	28	2	0	0	—	—	22.6	82	20	0
	160	MATRÛH	00	7	28	2	0	0	—	14	23	84	20	0
	134	EL DABA												
	132	ALEXANDRIA	00	5	32	3	0	0	—	13.2	24.0	83	21	0
	150	FOUAD (Airport)	00	7	29	1	0	0	—	12.2	24	89	22	0
	159	DAMIETTA	00	7	30	2	0	0	—	11.9	25.5	79	22	0
	161	PORT SA'ÎD	00	7	31	3	0	0	—	11	27	70	21	0
	135	EL 'ARISH	01	9	30	2	1	5	8	11.8	25.1	98	25	0
LOWER EGYPT	136	DAMANHÛR	00	7	32	2	0	0	—	12.7	24.6	63	18	0
	137	MANSÛRA	00	6	02	1	0	0	—	12.2	27.0	66	20	0
	138	TANTA	00	4	00	0	0	1	—	12.2	27.0	37?	11?	0
	139	ZAGAZIG	00	6	32	2	0	0	—	13.0	27.0	66	20	0
		SHIBÎN EL KÔM	00	7	01	2	0	0	—		28.1	51	17	0
		ISMAÎLÍA	00	7	32	2	0	0	—	12.3	28.8	53	17	0
CAIRO AREA	928	FAROUK (Airport)	00	7	04	4	0	0	—	11	31	31	12	0
	141	ALMÂZA	00	7	02	4	0	0	—	10.7	32.0	30	14	
		EZBEKÎYA	00	1	22	1	0	0	—	11.4	44.1	42	16	0
		GÎZA	00	7	32	2	0	0	—	11.5	31.1	37	14	0
	143	HELWÂN	00	7	32	4	0	0	—	10.6	32.0	21	07	0
UPPER EGYPT	153	FAIYÛM	00	8	02	3	0	0	—	9.9	32.0	23	11	0
		BENI SUEF	00	9	02	3	0	0	—	9.6	32.3	29	12	0
	162	MINYA	00	7	32	2	0	0	—	9	28	49	16	0
	155	ASYÛT	00	6	22	1	0	0	—	8.6	30.0	26	13	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	—	6.4	31.3	27	15	0
	156	QENA	00	6	24	1	0	0	—	6.2	32.6	31	14	0
	157	LUXOR	00	7	00	0	0	0	—	6	37	18	09	0
	158	ASWÂN	00	9	00	0	0	0	—	5.6	39.0	13	06	0
OASES	148	SIWA	00	6	00	0	0	0	—	14.0	28.5	53	17	0
	149	BAHARÎYA	00	7	32	1	0	0	—	11.5	34.0	24	10	0
		FARAFRA												
	152	DAKHLA	00	8	00	0	0	0	—	7.?	36.9	38	20	0
	151	KHARGA	00	7	00	0	0	0	—	6.8	38.7	32	12	0
RED SEA	144	SUEZ	00	6	32	3	0	0	—	9.5	28.3	44	15	0
	145	TÛR	00	8	28	3	0	0	—		30.2	42	16	0
	163	HURGHÂDA	00	9	30	3	0	0	—	8	29	59	20	0
	147	QUSEIR	00	8	20	1	0	0	—	7.2	31.7	40	17	0
	208	PORT SÛDAN												
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÛDÂN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S. SÛDÂN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 0600 on Saturday 3rd

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. MAXIMUM Yesterday	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
			ww	V	DD	F	W		C	PPP		TT	$T_x T_x$		$T_n T_n$		UU				
MEDITERRANEAN	146	SIDI BARÂNI	00	9	24	4	0	0	—	—	—	25.1	26		21		75	20	0	171	—
	160	MATRÛH	00	8	27	3	0	0	—	14		26	28		18				0	—	—
	134	EL DABA																		117	—
	132	ALEXANDRIA	00	9	32	3	0	0	—	12.3	+1.7	25.2	29	0	22	0	82	22	0	209	186
	150	FOUAD (Airport)	00	7	26	2	0	0	—	11.7		27	28		22		74	22	0	213	138
	159	DAMIETTA	04	6	20	1	4	0	—	11.0	+1.4	27.9	31		21		80	24	0	85	106
	161	PORT SA'ÎD	00	7	21	1	0	0	—	11		27	29		24		79	23	0	56	—
	135	EL 'ARISH	00	9	18	2	0	1	6	11.2	+1.6	28.6	29	0	21	+2	72	24	0	—	94
LOWER EGYPT	136	DAMANHÛR	00	7	32	3	0	0	—	12.6	+2.7	27.6	35	+2	20	+1	74	23	0	105	101
	137	MANSÛRA	00	8	32	1	0	0	—	11.5	+1.7	27.2	37	+2	20	0	75	22	0	73	55
	138	TANTA	00	8	00	0	0	0	—	12.3	+2.2	26.0	36	+1	17	-2	76	21	0	26	44
	139	ZAGAZIG	00	6	24	2	0	0	—	11.5	+1.3	27.4	37	+2	19	0	75	22	0	36	27
		SHIBÎN EL KÔM	00	7	28	2	0	0	—	12.6	+2.1	26.3	37		20		72	21	0	34	—
		ISMAÎLÍA	00	7	24	1	0	0	—	12.3		27.0	37		21		69	21	0	21	—
CAIRO AREA	928	FAROUK (Airport)	05	6	28	1	2	10	6	11		23	37		20		84	20	0	—	—
	141	ALMÂZA	05	6	30	1	2	10	6	11.5		23.5	37		20		86	21	0	25	—
		EZBEKÎYA	05	5	30	1	2	10	6	11.9	+1.7	23.7	37	+1	21	0	85	21	0	32	26
		GÎZA	05	5	30	1	2	10	6	12.2	+1.9	23.6	37	+2	20	+1	88	21	0	31	27
	143	HELWÂN	09	6	00	0	0	1	6	11.6	+1.6	23.8	37	+2	20	-1	79	20	0	19	29
UPPER EGYPT	153	FAIYÛM	00	8	02	1	0	0	—	11.1	+1.2	28.0	37	+1	21	0	57	19	0	11	3
		BENI SUEF	00	9	02	2	0	0	—	11.1		27.4	39		18		63	19	0	11	—
	162	MINYA	00	7	01	4	0	0	—	11		26	38		20		70	19	0	12	—
	155	ASYÛT	00	7	22	1	0	0	—	10.4	+1.4	27.1	40	+3	21	-1	42	13	0	dr	4
	164	NAG' HAMMÂDI	00	8	00	0	0	0	—	8.2	+0.3	29.9	40		20		46	17	0	0	—
	156	QENA	00	8	24	2	0	0	—	8.0	+0.7	30.0	44	+3	24	0	36	13	0	5	—
	157	LUXOR	00	8	31	1	0	Gr	1	8		34	45		26		27	12	0	dr	—
	158	ASWÂN	00	9	00	0	0	0	—	8.3	+0.8	31.8	46	+4	28	+2	25	10	0	dr	—
OASES	148	SIWA	00	7	00	0	0	0	—	15.1	+2.5	24.9	40	+2	18	-2	68	19	0	23	8
	149	BAHARIYA	00	7	32	1	0	0	—	12.6	+1.9	25.4	39	+3	25	+5	65	18	0	18	7
		FARAFRA																		—	—
	152	DAKHLA	00	8	16	1	0	0	—	9.5	-0.2	32.0	40	+1	26	+3	42	17	0	dr	—
	151	KHARGA	00	9	02	2	0	0	—	8.8	+0.5	30.9	42	+3	25	+2	29	11	0	0	—
RED SEA	144	SUEZ	00	8	00	0	0	0	—	11.1	+1.9	26.1	39	+3	20	-2	70	20	0	—	17
	145	TÛR	00	8	28	3	0	0	—			26.2	32	-3	24	0	71	20	0	0	13
	163	HURGHADA	00	9	30	3	0	0	—	8		27	32		24		55	17	0	1	3
	147	QUSEIR	00	8	32	3	0	0	—	8.0	+1.0	30.4	33	0	27	+1	58	21	0	0	4
	208	PORT SUDAN																	0	291	97
NORTH SÛDÂN	165	WADI HALFA	00	8	18	1	1	3	1	9		32					13	00	0	6	—
	166	KAREIMA	01	8	32	3	1	5	1	8		32					12	-1	0	8	2
	167	'ATBARA	01	8	30	1	1	5	1	8		33					19	06	0	2	9
	209	KHARTÛM	00	8	22	4	3	0	—	9		33					36	16	0	3	19
	170	KASSALA	00	8	16	2	0	Tr	1	10		29					59	20	0	26	59
CENTRAL SÛDÂN	171	WAD MEDANI																	0	95	64
	182	RENK																	0		178
	172	ROSEIRES																	0	249	255
	174	EL OBEID	01	8	24	4	1	7	824	12		29					37	13	23	157	77
	175	EL FÂSHER	01	7	16	1	0	5	4	—		23					78	19	70	34	38
	179	GENEINA	02	8	10	1	1	10	4.5	—		23					84	20			89
S. SÛDÂN	176	MALAKÂL																	0	392	343
	177	WÂU																	33	435	553
	178	JUBA																	7	488	617

HUMIDITY

Mean % of day

STATION	on 2nd	Diff. from normal
Alexandria	80	+6
Ezbekîya	61	+4
Giza	60	+3
Helwân	39	-6

GIZA
GRASS MINIMUM TEMP
ON 3rd 17.4 °C

Remarks

UPPER AIR OBSERVATIONS on 2nd

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA
AEROPLANE ASCENT
ON ... At ...

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C
SURFACE			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT
RAWINSONDE
ON 3rd At 03h

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		22	78	—	0
1000	320	22	75	—	0
950					
900	3350	28	35	30	29
850	5010	25	25	40	30
800	6740	22		40	21
700	11470	6		90	2
600	14710	8		70	8
500	19540	1		40	4
400		-12			
800	23300	-26		60	19
250	41580	-32		80	9
200					
150					
100					

STATION	Mersa Matruh				P. Said		Minya					
TIME	14				14	30	15					
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	10	12			340	22	360	31				
500	360	13			360	20	10	31				
1000	360	10			350	22	20	29				
1500	350	10			360	16	10	24				
2000	20	10			10	13	360	19				
3000	10	12					290	19				
4000	20	5										
5000	50	5										
6000	60	4										
7000												
8000												

STATION												
TIME												
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200												
500												
1000												
1500												
2000												
3000												
4000												
5000												
6000												
7000												
8000												

UPPER AIR OBSERVATIONS on 3rd

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		POUAD AIRPORT		PORT SAÎD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			4				3	30					6	45	4	30			6				5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			320	16			20	9					330	5	10	25			20	13			10	23
500			20	22			40	14					40	12	20	32			10	9			40	23
1000			30	24			40	15					60	15	20	25			120	2			50	15
1500			40	23			30	19					60	20	20	15			350	4			360	10
2000			40	16											280	45			310	8			30	15
3000			60	20											10	40							20	12
4000			50	22																			50	7
5000																							50	10
6000																							60	6
7000																								
8000																								

STATION	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME	5		5		5														3	30				
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	20	10	90	5	10	18																		
500	20	23	50	10	10	19																		
1000	20	30	50	14	20	12																		
1500	20	17	30	10	30	6																		
2000	30	21	80	4	130	4																		
3000	310	13																						
4000	330	13																						
5000	80	4																						
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

LIBRARY
FEB 1 1949
WEATHER BUREAU

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on:
SATURDAY 3rd JULY 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

HIGH

SCALE 1 15.000,000

CAIRO
Time of Sunrise ..... 02 ..... 58 ..... G.M.T.
" " Sunset ..... 17 ..... 00 ..... G.M.T.

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

DAILY WEATHER REPORT

Date : SUNDAY 4th JULY , 1948.

Form M.T.

At 1200 on SATURDAY 3rd

AREA	INDEX NUMBER	STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C. TT	HUMIDITY % UU	DEW POINT °C.	RAIN 6-12 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI	●●	8	26	14	●	●	–	–	28.2	88	26	0
	160	MATRÛH												
	134	EL DABA	○○	8	30	3	○	●	–		27.8	63	20	0
	132	ALEXANDRIA	○○	9	30	3	○	○	–	10.7	28.2	70	22	0
	150	FOUAD (Airport)	○○	7	27	3	○	○	–	10.6	29	66	22	0
	159	DAMIETTA	○○	7	28	3	○	○	–	9.8	31.3	59	22	0
	161	PORT SA'ÎD	○○	8	31	3	○	○	–	10	29	70	23	0
	135	EL 'ARISH	○○	9	30	4	○	○	–	10.3	28.9	77	25	0
LOWER EGYPT	136	DAMANHUR	○○	7	28	4	○	○	–	10.8	35.2	43	26	0
	137	MANSURA	○○	8	32	2	○	○	–	10.7	32.0	35	20	0
	138	TANTA	○	8	28	2	○	○	–	10.4	31.0	32	17	0
	139	ZAGAZIG	●●	6	32	2	○	○	–	10.8	32.2	28	15	0
		SHIBÎN EL KÔM	○○	8	30	3	○	○	–	11.4	36.4	25	13	0
		ISMAÎLÎA												
CAIRO AREA	928	FAROUK(Airport)	○○	8	02	4	○	○	–	9	38	16	8	0
	141	ALMÂZA	●●	7	28	2	●	●	–	8.9	38.4	29	17	0
		EZBEKÎYA	●●	8	28	2	○	●	–	9.2	37.6	25	15	0
		GÎZA	●●	8	28	2	○	●	–	8.2	38.0	23	15	0
	143	HELWÂN	●●	7	30	3	●	●	–	8.2	37.5	16	7	0
UPPER EGYPT	153	FAIYÛM	●●	8	02	2	○	●	–	8.2	38.0	17	9	0
		BENI SUEF	○○	9	02	3	○	●	–	8.2	39.2	18	11	0
	162	MINYA	○○	8	02	4	○	○	–	8	36	29	15	0
	155	ASYÛT	●●	8	20	1	○	●	–	8.3	38.3	18	10	0
	164	NAG' HAMMÂDI	●●	8	●●	○	○	●	–	5.8	38.6	25	15	0
	156	QENA	○○	9	22	3	○	●	–	5.4	42.4	20	28	0
	157	LUXOR	○○	8	26	3	○	●	–	5	45	15	12	0
	158	ASWÂN	○○	9	24	2	○	●	–	3.6	44.9	14	11	0
OASES	148	SIWA	●●	8	●●	●	○	●	–	12.3	39.5	42	25	0
	149	BAHARÎYA	○○	8	32	2	●	●	–	9.5	39.0	14	7	0
		FARAFRA	●●	8	32	1	○	●	–	9.9	39.4			0
	152	DAKHLA	●●	9	28	4	●	●	–	7.3	39.6	36	22	0
	151	KHARGA	●●	9	02	1	●	●	–	6.4	40.4	08	-1	0
RED SEA	144	SUEZ	○●	8	32	2	○	●	–	8.0	36.8	24	13	0
	145	TÛR	●●	8	28	4	○	●	–		28.3	56	18	0
	163	HURGHÂDA	●●	9	32	2	○	●	–	6	29.6	66	22	0
	147	QUSEIR	●○	8	02	2	○	○	–	5.5	31.4	57	21	0
	208	PORT SÛDÂN	○1	7	16	3	1	5	8,4	2	42			0
N. SÛDÂN	165	WADI HALFA	○○	8	22	2	○	1	1	5	43	09	4	●
	166	KAREIMA	○1	8	28	3	1	●	1	5	43	07	0	●
	167	'ATBARA	05	6	30	4	1	6	4	3	43	09	0	●
	209	KHARTÛM	○○	8	20	1	○	1	1	5	41	07	-1	0
	170	KASSALA	○1	8	32	1	1	5	8	4	39	26	0	●
C. SÛDÂN	171	WAD MEDANI	○1	8	24	3	○	7	8	7	38	25	15	0
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID	●1	8	22	3	1	5	8,4	8	32	43	18	0
	175	EL FÂSHER	○○	8	17	1	1	6	8		32	38	16	0
	179	GENEINA	○1		04	1	○	7	8,4		31	49	19	0
S. SÛDÂN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 1800 on 3rd

AREA	INDEX NUMBER	STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C TT	HUMIDITY % UU	DEW POINT °C.	RAIN 12-18 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI	○○	8	28	3	1	8	8		23.3	82	24	0
	160	MATRÛH	○○	7	28	4	○	○	–		24	89	22	0
	134	EL DABA	●●	4	28	3	4	●	–		24.9	83	22	0
	132	ALEXANDRIA	○○	5	32	3	○	●	–	10.7	24.7	86	22	0
	150	FOUAD (Airport)	○○	7	30	2	○	○	–	10	25	94	24	0
	159	DAMIETTA	○○	6	28	2	○	●	–	9.6	25.4	96	24	0
	161	PORT SA'ÎD	○○	7	32	2	○	○	–	9	27	74	22	0
	135	EL 'ARISH	○○	9	32	2	○	○	–	9.5	25.3	94	24	0
LOWER EGYPT	136	DAMANHUR	○○	7	32	2	○	○	–	10.6	25.0	76	20	0
	137	MANSURA	○○	6	04	2	○	○	–	9.5	28.5	69	23	0
	138	TANTA	○○	8	00	0	○	○	–	10.0	28.2	90	13	0
	139	ZAGAZIG	○○	6	32	2	○	○	–	11.8	27.0	77	23	0
		SHIBÎN EL KÔM	○○	7	30	2	○	○	–	11.8	30.0	48	18	0
		ISMAÎLÎA	○○	7	02	1	○	○	–	8.6	30.0	47	17	0
CAIRO AREA	928	FAROUK(Airport)			02	4					8	34	32	15	0
	141	ALMÂZA	○○	7	32	2	○	●	–	8.5	33.5	41	21	0
		EZBEKÎYA	○○	7	04	1	○	●	–	9.2	32.2	48	20	0
		GÎZA	○○	7	04	1	○	●	–	8.4	33.8	44	19	0
	143	HELWÂN	○○	7	32	4	●	●	–	7.9	34.6	38	18	0
UPPER EGYPT	153	FAIYÛM	○○	8	32	1	○	○	–	7.6	31.0	37	14	0
		BENI SUEF	○○	9	02	1	○	○	–	8.0	31.3	33	13	0
	162	MINYA	○○	7	32	2	○	●	–	7	28	49	16	0
	155	ASYÛT	○○	6	22	1	○	○	–	8.0	30.3	36	13	0
	164	NAG' HAMMÂDI	○○	8	00	0	○	○	–	6.3	28.8	52	18	0
	156	QENA	○○	6	24	2	○	○	–	5.6	33.6	32	15	0
	157	LUXOR												
	158	ASWÂN	○○	9	00	0	○	○	–	4.3	40.0	15	9	0
OASES	148	SIWA	○○	6	00	0	○	○	–	16.6	34.9	44	21	0
	149	BAHARÎYA	●●	7	32	1	○	○	–	9.5	33.5	21	9	0
		FARAFRA	○○	7	20	1	○	○	–	9.8	31.0	11		0
	152	DAKHLA	●●	8	28	2	○	○	–	7.9	35.9	38	15	0
	151	KHARGA	●●	7	00	0	○	○	–	7.0	34.0	19	7	0
RED SEA	144	SUEZ	○○	6	00	0	○	○	–	8.7	31.2	36	14	0
	145	TÛR	●●	8	28	2	○	○	–		30.8	36	14	0
	163	HURGHÂDA	●●	8	27	4	○	○	–	6	32	29	12	0
	147	QUSEIR	●●	8	32	1	○	○	–	5.1	31.6	43	18	0
	208	PORT SÛDÂN												
N. SÛDÂN	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA												
	209	KHARTÛM												
	170	KASSALA												
C. SÛDÂN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S. SÛDÂN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 0600 on SUNDAY 4th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESSURE M.S.L. mbs. PPP	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb TT	MAXIMUM Yesterday T_xT_x	MAXIMUM Diff. from norm.	MINIMUM Today T_nT_n	MINIMUM Diff. from norm.	HUMIDITY % UU	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL Total from Oct. 1	RAINFALL Norm. from Oct. 1
MEDITERRANEAN	146	SIDI BARÂNI	○2	9	28	3	1	8	8			23.6	27		22		81	20	0		
	160	MATRÛH	○○	8	28	5	○	○	–	13		25			21		79	22	0		1.1
	134	EL DABA	○○	8	28	3	○	○	–			24.7	28		20		83	22	0		
	132	ALEXANDRIA	○○	9	30	3	○	○	–	10.6	+0.1	26.0	28	-1	23	+1	78	22	0	209	186
	150	FOUAD (Airport)	○○	7	26	2	○	○	–	10.0		27	30		22		74	22	0	213	138
	159	DAMIETTA	○○	7	28	2	4	○	–	8.7	-0.9	28.9	32		21		71	23	0	85	106
	161	PORT SA'ÎD	○○	7	27	1	○	●	–	9		27	31		24		84	24	0	56	81
	135	EL 'ARISH	○○	9	24	2	○	○	–	8.7	-0.8	29.7	31	+1	20	+1	65	23	0		94
LOWER EGYPT	136	DAMANHUR	○○	7	28	3	○	○	–	9.9	+0.1	28.0	36	+3	21	+2	77	24	0	105	101
	137	MANSURA	○○	8	32	1	○	○	–	9.2	-0.5	29.0	39	+4	22	+2	71	23	0	73	55
	138	TANTA	○○	8	28	2	○	○	–	10.2	+0.2	28.0	37	+2	19	●	70	22	0	24	44
	139	ZAGAZIG	●●	6	24	2	○	○	–	9.6	-0.5	27.8	40	+5	21	+2	61	19	0	36	27
		SHIBÎN EL KÔM	○○	7	30	2	○	○	–	10.4	0.0	27.4	39		21		57	18	0	34	
		ISMAÎLÎA	○○	7	24	1	○	●	–	9.9		27.0	40		22		69	21	0	21	
CAIRO AREA	928	FAROUK(Airport)	05	6	24	2	1	8	6	10		23	39		21		89	21	0		
	141	ALMÂZA	05	6				5	6	9.6	-0.5	23.3	39		21		89	21	0	25	
		EZBEKÎYA	○○	7	32	2	●	●	–	9.8	-0.3	25.8	39	+3	22	+1	77	22	0	32	26
		GÎZA	○○	7	32	2	○	○	–	7.6	-0.6	25.8	39	+4	21	+2	77	22	0	31	27
	143	HELWÂN	05	5	28	1	○	○	–	9.0	-1.0	24.6	39	+4	22	+1	75	20	0	19	29
UPPER EGYPT	153	FAIYÛM	○○	8	02	2	○	●	–	8.8	-1.0	27.4	40	+4	22	+1	67	21	0	11	8
		BENI SUEF	●●	9	02	1	○	○	–	9.2		27.8	40		18		67	21	0	11	
	162	MINYA	●●	7	01	4	○	○	–	9		26	38		20		76	20	0	12	
	155	ASYÛT	○○	7	28	1	○	○	–	8.8	-0.1	28.0	39	+2	23	+1	57	19	0	dr	4
	164	NAG' HAMMÂDI	○○	8	○○	○	○	○	–	6.8	-1.0	30.7	39		20		48	19	0	0	
	156	QENA	○○	8	26	2	○	○	–	6.2	-1.0	30.8	44	+3	25	+1	33	13	0	5	
	157	LUXOR	●●	8	●●	○	○	○	–	6		36			26		31	16	0	dr	
	158	ASWÂN	●●	9	●●	○	○	○	–	6.0	-1.5	35.0	46	+4	28	+2	24	12	0	dr	
OASES	148	SIWA	●●	7	32	2	●	●	–	13.9	+1.3	25.3	41	+3	20	●	66	18	0	23	8
	149	BAHARÎYA	○○	7	32	1	○	●	–	11.1	+0.5	25.0	40	+4	22	+2	68	19	0	13	7
		FARAFRA	○○	7	32	2	○	○	–			40			22						
	152	DAKHLA	●●	8	24	2	○	○	–	8.7	-0.9	30.9	40	+1	24	+1	44	17	0	dr	
	151	KHARGA	●●	9	02	2	○	○	–	7.6	-0.6	32.4	41	+2	26	+3	36	15	0	0	
RED SEA	144	SUEZ	○○	8	32	2	○	○	–	8.6	-0.5	27.4	39	+3	23	+1	62	19	0		17
	145	TÛR	●●	9	28	3	○	○	–			28.2	37	+3	25	+1	70	22	0	0	13
	163	HURGHÂDA	●●	9	29	2	○	○	–	5		29	32		22		49	17	0	1	3
	147	QUSEIR	○○	8	32	2	○	○	–	4.6	-2.3	32.6	33	0	26	●	36	15	0	0	4
	208	PORT SÛDÂN	○●	8	12	2	●	○	–	5		33			26		63	25	0	29.1	9.7
N. SÛDÂN	165	WADI HALFA	●2	8	02	1	1		4	7		31			27		18	4	0	6	
	166	KAREIMA	●2	8	30	3	1	9	4			32			27		13	0	0	6	2
	167	'ATBARA	●2	7	30	3	1	8	4	4								6	0	2	1.0
	209	KHARTÛM		8	22	4	1		4	8		32			27		18	0	0	8	2.1
	170	KASSALA																	0	2.6	6.1
C. SÛDÂN	171	WAD MEDANI	●●	9	18	5	0	2	3	9		29					52	18	0	95	68
	182	RENK																	0		132
	172	ROSEIRES																	0	249	262
	174	EL OBEID	○2	8	18	2	1	9	4	10		24			21		74	19	0	157	80
	175	EL FÂSHER																	0	34	40
	179	GENEINA																	0		93
S. SÛDÂN	176	MALAKÂL																	0	329	348
	177	WÂU																	0	425	559
	178	JUBA																	0	468	621

HUMIDITY

Mean of day

STATION	on 3rd	Diff. from normal
Alexandria	82	+8
Ezbekîya	64	+7
Giza	62	+5
Helwân	55	+10

GIZA
GRASS MINIMUM TEMP
ON 4th 19.4 °C

Remarks

UPPER AIR OBSERVATIONS on 3rd

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT — ON 3rd At 15

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C	WIND DD	WIND VV
SURFACE	998	35	27		
500	970	34	22		
1000	953	32	21		
1500	940	32	20		
2000	900	29	14		
3000	850	25	13		
4000	800	22	11		
5000	750	18	6		
6000	700	14	5		
7000	650	11	6		
8000	600	8	0		
9000	550	6	1		
10000	500	1	0		
11000	450	-4	-4		

FAROUK AIRPORT RAWINSONDE — ON 4th At 3

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		22	97	280	6
1000	360	22	95	280	6
950		23	65	–	–
900	3230	26	25	30	22
850	4920	24	15	50	21
800	6640	20	15	50	19
700	10350	12	–	70	17
600	14520	5	–	50	11
500	19340	-1	–	350	14
400	–	-13	–	–	–
300					
250					
200					
150					
100					

STATION	MATRUH		MINYA		PORT SAÎD	
TIME	1H		15		15 30	
HEIGHT m.	DD	VV	DD	VV	DD	VV
200	340	25	360	31	340	21
500	10	27	360	35	340	16
1000	340	18	360	35	330	20
1500			360	35	40	15
2000			360	52	10	14
3000						
4000						
5000						
6000						
7000						
8000						

STATION						
TIME						
HEIGHT m	DD	VV	DD	VV	DD	VV
200						
500						
1000						
1500						
2000						
3000						
4000						
5000						
6000						
7000						
8000						

UPPER AIR OBSERVATIONS on 4th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÎD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			4	30			4						6	45					7	15			5	15
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			320	22			190	6					340	10					30	4			30	19
500			10	24			180	16					40	23					340	10			30	30
1000			360	10			360	20					30	40					350	20			20	21
1500			350	18			10	15					40	23									30	23
2000			30	4									60	16									30	14
3000			10	8																			10	12
4000			320	13																			40	23
5000			300	11																			30	19
6000			200	10																				
7000																								
8000																								

STATION	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME	5		5		5																			
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	340	7	330	4	10	11																		
500	360	12	30	5	10	16																		
1000	10	25	20	17	10	16																		
1500	20	13	350	16																				
2000	30	21	310	13																				
3000	40	30																						
4000	50	19																						
5000	80	16																						
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

WIND FORCE (F)

	K P H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01 32 e.g.
08 = East, 16 = South,
24 = West, 32 = North,
00 is Calm.

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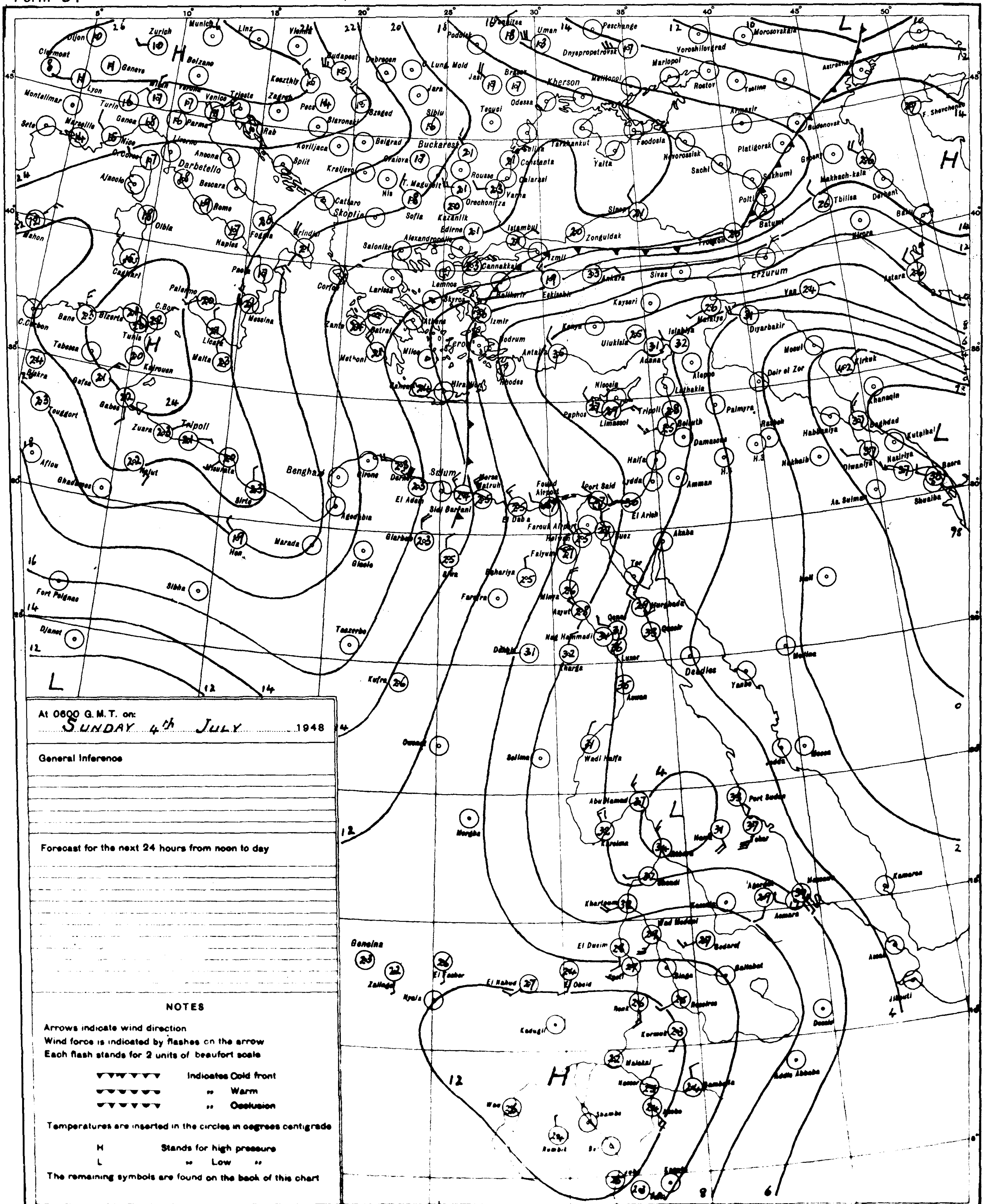
WEATHER BUREAU

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G. M. T. on:

SUNDAY 4th JULY 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction

Wind force is indicated by flashes on the arrow

Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼ Indicates Cold front

●●●●●● ,, Warm

▼●▼●▼● ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure

L ,, Low ,,

The remaining symbols are found on the back of this chart

SCALE 1 15,000,000

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

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: Monday 5th JULY, 1948.

At 1200 on Sunday 4th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	02	9	28	4	1	8	8	—	24.6	79	21	0
	160	MATRÛH	00	8	29	5	0	Tr	6	12	27	74	22	0
	134	EL DABA	00	8	30	4	3	0	—		27.4	75	22	0
	132	ALEXANDRIA	00	9	32	4	0	0	—	9.9	28.6	63	21	0
	150	FOUAD (Airport)	00	7	29	4	0	0	—	9.5	28	62	20	0
	159	DAMIETTA	00	8	28	3	0	0	—	7.9	29.8	72	24	0
	161	PORT SAÏD	00	7	30	4	0	0	—	8	29	66	22	0
	135	EL ʿARISH	00	8	30	3	0	0	—	7.6	29.3	75	24	0
LOWER EGYPT	136	DAMANHUR	00	7	28	3	0	0	—	9.5	32.3	55	22	0
	137	MANSURA	00	8	32	2	0	0	—	8.3	36.5	43	21	0
	138	TANTA	00	8	28	4	0	0	—	9.0	36.4	28	14	0
	139	ZAGAZIG	00	6	32	3	0	0	—	8.3	39.0	39	22	0
		SHIBÎN EL KÔM	00	8	02	3	0	0	—	8.7	37.4	24	13	0
		ISMAÏLÍA	00	8	02	2	0	0	—	6.7	34.8	13	07	0
CAIRO AREA	928	FAROUK (Airport)	00	8	02	4	0	0	—	7	39	14	07	0
	141	ALMÂZA	00	8	32	4	0	0	—	6.8	39.2	29	19	0
		EZBEKÍYA	00	8	32	3	0	0	—	7.5	39.4	23	14	0
		GÎZA	00	9	32	3	0	0	—	7.8	38.5	24	14	0
	143	HELWÂN	00	7	32	5	0	0	—	5.9	38.8	17	10	0
UPPER EGYPT	153	FAIYÛM	00	8	02	2	0	0	—	6.0	39.0	16	09	0
		BENI SUEF	00	9	00	0	0	0	—	6.2	40.0	16	10	0
	162	MINYA	00	8	01	5	0	0	—	6	38	40	22	0
	155	ASYÛT	00	8	22	1	0	0	—	6.3	38.6	19	11	0
	164	NAG' HAMMÂDI	00	8	28	1	0	0	—	4.6	38.3	21	12	0
	156	QENA	00	9	26	3	0	0	—	3.6	43.0	27	20	0
	157	LUXOR	00	8	28	4	0	0	—	4	42	22	16	0
	158	ASWÂN	00	9	00	0	0	0	—	3.5	44.0	12	08	0
OASES	148	SIWA	00	6	28	3	0	0	—	11.7	38.8	40	23	0
	149	BAHARÍYA	00	8	32	2	0	0	—	8.6	39.5	16	10	0
		FARAFRA												
	152	DAKHLA	00	9	28	4	0	0	—	6.7	38.4	37	21	0
	151	KHARGA	00	9	28		0	0	—	5.8	40.3	—	—	0
RED SEA	144	SUEZ	00	8	32	3	0	0	—	6.0	38.6	19	11	0
	145	TÛR	00	9	28	4	0	0	—	—	27.5	46	14	0
	163	HURGHÂDA	00	9	02	3	0	0	—	3	29	66	22	0
	147	QUSEIR	00	8	32	2	0	0	—	4.2	31.7	60	23	0
	208	PORT SÛDAN	00	7	08	4	0	Tr	2	1	37	45	23	
CENTRAL SUDAN	165	WADI HALFA	00	8	00	0	0	0	—	2	44	68	03	0
	166	KAREIMA												
	167	ʿATBARA	01	7	02	4	1	7	4	0	44	12	08	0
	209	KHARTÛM	00	8	32	2	0	Tr	—	3	42	10	04	0
	170	KASSALA	01	8	20	2	0	5	4	3	38	19	11	0
	171	WAD MEDANI	00	8	24	3	0	2	8	2	39	19	10	0
	182	RENK												
	172	ROSEIRES	00	8	26	2	0	0	—		32			0
	174	EL OBEID	01	8	20	3	0	3	1	4	34	36	17	0
	175	EL FÂSHER	01	9	14	2	1	5	8,4	—	33	23	09	0
	179	GENEINA	00	8	24	3	1	2	8	—	31	49	19	0
S SUDAN	176	MALAKÂL												
	177	WÂU	01	8	08	1	1	3	8,4	8	33	53	22	0
	178	JUBA												

At 1800 on 4th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	00	8	28	4	0	0	—	—	22.8	84	20	0
	160	MATRÛH	00	7	28	4	0	2	6	12	23	89	21	0
	134	EL DABA	00	5	29	3	0	0	—		23.7	90	22	0
	132	ALEXANDRIA	00	5	32	2	0	0	—	9.8	24.2	74	19	0
	150	FOUAD (Airport)	00	7	29	3	0	0	—	9.2	23	84	20	0
	159	DAMIETTA	00	7	28	4	0	0	—	7.9	25.5	95	23	0
	161	PORT SAÏD	00	7	30	5	0	0	—	7	27	74	22	0
	135	EL ʿARISH	00	9	30	2	0	2	8	7.4	26.2	93	25	0
LOWER EGYPT	136	DAMANHUR	00	7	32	2	0	0	—	9.4	25.0	82	22	0
	137	MANSURA	00	6	28	2	0	0	—	8.4	26.6	74	22	0
	138	TANTA	00	8	00	0	0	0	—	8.1	25.0			0
	139	ZAGAZIG	00	6	32	2	0	0	—	9.8	27.1	70	21	0
		SHIBÎN EL KÔM	00	7	02	2	0	0	—	9.2	27.1	58	18	0
		ISMAÏLÍA	00	7	32	2	0	0	—	9.2	29.8	55	20	0
CAIRO AREA	928	FAROUK (Airport)	00	8	30	4	0	0	—	8	31	52	20	0
	141	ALMÂZA	00	7	30	3	0	0	—	7.7	30.6	50	13	0
		EZBEKÍYA	00	8	32	2	0	0	—	7.9	30.2	41	15	0
		GÎZA	00	8	32	2	0	0	—	8.6	29.3	46	16	0
	143	HELWÂN	00	7	30	5	0	0	—	6.8	31.0	37	14	0
UPPER EGYPT	153	FAIYÛM	00	8	32	1	0	0	—	6.6	32.0	34	14	0
		BENI SUEF	00	9	02	2	0	0	—	6.3	32.1	34	14	0
	162	MINYA	00	7	01	5	0	0	—	5	33	32	14	0
	155	ASYÛT	00	6	26	1	0	0	—	5.6	35.1	19	08	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	—	3.2	33.8	28	12	0
	156	QENA	00	6	22	3	0	0	—	3.2	33.6	29	13	0
	157	LUXOR												
	158	ASWÂN												
OASES	148	SIWA	00	6	28	3	0	0	—	12.7	34.0	53	23	0
	149	BAHARÍYA	00	7	32	1	0	0	—	8.0	33.0	13	01	0
		FARAFRA												
	152	DAKHLA	00	8	00	0	0	0	—	6.5	36.0	38	19	0
	151	KHARGA	00	7	00	0	0	0	—	5.2	33.7	21	09	0
RED SEA	144	SUEZ	00	6	32	2	0	0	—	6.6	31.6	40	17	0
	145	TÛR	00	7	28	3	0	0	—	—	30.6	45	17	0
	163	HURGHÂDA	00	8	29	4	0	0	—	1	32	46	19	0
	147	QUSEIR	00	8	30	1	0	0	—		32.4	50	20	0
	208	PORT SÛDAN												
CENTRAL SUDAN	165	WADI HALFA												
	166	KAREIMA												
	167	ʿATBARA												
	209	KHARTÛM												
	170	KASSALA												
	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S SUDAN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 0600 on Monday 5th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. MAXIMUM Yesterday	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
			ww	V	DD	F	W		C	PPP		TT	$T_x T_x$		$T_n T_n$		UU				
MEDITERRANEAN	146	SIDI BARÂNI	01	9	28	4	1	5	8	—		23.4	26		22		82	20	0	171	—
	160	MATRÛH	01	8	28	4	1	7	6	10		28	29		23		79	20	0	—	—
	134	EL DABA	00	8	28	3	0	0	—	10.2		25.6	28		19		72	20	0	117	—
	132	ALEXANDRIA	00	9	28	4	0	0	—	7.5	-2.9	24.7	29	0	22	0	70	19	0	209	186
	150	FOUAD (Airport)	00	7	28	3	0	0	—	6.9		26	29		23		70	20	0	213	138
	159	DAMIETTA	01	7	28	3	1	3	6	6.8	-2.7	25.9	31		23		84	23	0	85	106
	161	PORT SAÏD	00	7	28	2	0	Tr	8	7		26	30		24		74	21	0	56	—
	135	EL ʿARISH	02	9	22	4	2	10	6	6.7	-2.7	26.4	31	+1	23	+4	85	23	0	—	94
LOWER EGYPT	136	DAMANHUR	00	7	32	4	0	0	—			26.3	33	0	20	+1	69	20	0	105	101
	137	MANSURA	01	8	32	1	1	3	4	7.1	-2.5	25.8	38	+3	21	+1	76	21	0	73	55
	138	TANTA	00	8	00	0	0	0	—	8.3	-1.6	25.0	36	+1	17	-2	71	19	0	26	44
	139	ZAGAZIG	00	6	24	2	0	0	—	8.4	-1.6	27.4	39	+4	20	+1	80	23	0	36	27
		SHIBÎN EL KÔM	00	7	28	2	0	0	—	8.6	-1.7	25.8	39		19		65	19	0	34	—
		ISMAÏLÍA	00	7	30	1	0	0	—	8.2		28.0	40		21		63	20	0	21	—
CAIRO AREA	928	FAROUK (Airport)	01	7	28	3	0	3	6	7		24	40		21		69	18	0	—	—
	141	ALMÂZA	00	7	30	2	0	1	6	7.7	-2.3	24.2	40		21		79	20	0	25	—
		EZBEKÍYA	00	8	00	0	0	0	—	7.9	-2.1	25.4	40	+4	22	+1	71	19	0	32	26
		GÎZA	00	8	00	0	0	0	—	8.3	-1.8	25.1	39	+4	21	+2	69	19	0	31	27
	143	HELWÂN	00	7	28	3	0	0	—	7.4	-2.5	23.8	39	+4	21	0	72	19	0	19	29
UPPER EGYPT	153	FAIYÛM	00	8	32	2	0	0	—	7.8	-1.9	25.6	40	+4	21	0	62	18	0	11	8
		BENI SUEF	00	9	02	3	0	0	—	7.4		26.8	40		20		56	17	0	11	—
	162	MINYA	00	7	01	5	0	0	—	7		26	40		20		62	18	0	12	—
	155	ASYÛT	00	7	26	2	0	0	—	6.4	-2.4	26.3	40	+3	21	-1	50	15	0	dr	4
	164	NAG' HAMMÂDI	00	8	00	0	0	0	—	3.4	-4.4	29.3	39		20		50	17	0	0	—
	156	QENA	00	8	26	2	0	0	—	3.1	-4.0	30.0	44	+3	25	+1	36	13	0	5	—
	157	LUXOR	00	7	02	1	0	0	—	3		33			25		36	16	0	dr	—
	158	ASWÂN	00	9	32	1	0	0	—	3.5	-3.9	32.0	45	+4	29	+3	24	09	0	dr	—
OASES	148	SIWA	00	7	28	3	0	0	—	1.3.0	+0.5	22.0	42	+4					0	23	8
	149	BAHARÍYA	00	7	32	1	0	0	—	9.9	-0.6	24.5	40	+4	20	0	58	15	0	18	7
		FARAFRA	00	7	32	2	0	0	—	10.1		25.6	40		20		44	13	0	—	—
	152	DAKHLA	00	8	28	3	0	0	—	7.1	-2.5	29.4	40	+1	26	+3	43	15	0	dr	—
	151	KHARGA	00	9	30	2	0	0	—	5.2	-3.0	31.3	41	+1	27	+4	21	06	0	0	—
RED SEA	144	SUEZ	00	8	02	2	0	0	—	7.6	-1.4	25.4	40	+4	22	0	72	20	0	—	17
	145	TÛR	00	8	28	3	0	0	—	—	—	27.7	36	+2	25	+1	81	24	0	0	13
	163	HURGHÂDA	00	9	30	4	0	0	—	3		28	32		27		55	18	0	1	3
	147	QUSEIR	00	8	32	3	0	0	—	2.4	-4.4	32.0	36	+3	28	+2	43	18	0	0	4
	208	PORT SÛDAN																	0	291	97
CENTRAL SUDAN	165	WADI HALFA	00	8	32	1	0	Tr	4	4		31					16	02	0	Tr	—
	166	KAREIMA	01	8	02	4	1	5	4,2	5		35					19	08	0	Tr	3
	167	ʿATBARA	05	6	20	3	0	1	1	3		33					38	17	0	2	11
	209	KHARTÛM																	0	8	23
	170	KASSALA	00	8	16	2	0	Tr	4	6		30					43	16	0	26	65
	171	WAD MEDANI	00	9	18	6	0	2	3	5		31					46	18	0	95	72
	182	RENK																	0	186	186
	172	ROSEIRES																	2	281	268
	174	EL OBEID																	0	157	83
	175	EL FÂSHER	01	8	28	2	0	5	1	—		27					52	16	0	34	43
	179	GENEINA																	0		97
S SUDAN	176	MALAKÂL																	0	329	353
	177	WÂU																	0	435	565
	178	JUBA																	0	463	625

HUMIDITY

Mean of day

STATION	on 4th	Diff. from normal
Alexandria	74	•
Ezbekiya	56	- 2
Giza	56	- 1
Helwân	54	+9

GIZA
GRASS MINIMUM TEMP
ON 5th 17.4 °C

Remarks

UPPER AIR OBSERVATIONS on 4th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT — ON 4th At 03h

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C
SURFACE	995	32	24
500	969	31	21
1000	950	28	21
1500			
2000	900	24	17
3000	850	24	13
4000	800	22	7
5000	750	18	7
6000	700	14	6
7000	650	9	2
8000	600	8	0
9000	550	6	1
10000	500	1	0
11000	450	-4	-4

FAROUK AIRPORT — RAWINSONDE — ON 5th At 03h

PRESSURE mbs	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		21	86	00	00
1000					
950					
900	3200	24	35	330	20
850	4830	24	25	360	20
800	6560	21	25	330	13
700	10320	15	25	190	30
600	14510	5		160	8
500	19350	0		10	20
400		1			
300					
250					
200					
150					
100					

STATION	Matruh				Minya	
TIME	14	15			15	
HEIGHT m.	DD	VV	DD	VV	DD	VV
200	320	19			350	16
500	320	22			360	22
1000	320	28			360	32
1500	320	25			350	20
2000	310	25			350	49
3000	310	24				
4000						
5000						
6000						
7000						
8000						

STATION						
TIME						
HEIGHT m.	DD	VV	DD	VV	DD	VV
200						
500						
1000						
1500						
2000						
3000						
4000						
5000						
6000						
7000						
8000						

UPPER AIR OBSERVATIONS on 5th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME							3	30					8	30	2	45			5	15			5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200							320	7					340	6	360	31			120	2			360	14
500							340	6					10	15	360	52			320	2			10	14
1000							330	4					360	18	10	54			40	3			340	17
1500							350	3					20	13	10	45			150	2			350	19
2000													50	9	80	09			190	7			330	27
3000													200	10					130	8			360	11
4000													170	28									350	17
5000																							330	03
6000																								
7000																								
8000																								

STATION	BAHARÍYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	5		5		5																			
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	360	10			180	15																		
500	360	18			180	35																		
1000	360	22	10	18	180	36																		
1500	340	13	350	23	160	21																		
2000	350	15																						
3000	320	05																						
4000	40	14																						
5000	30	26																						
6000	50	30																						
7000																								
8000																								

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

WIND FORCE (F)

	KPH	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g.
08 = East, 16 = South,
24 = West, 32 = North,
00 is Calm

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

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Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on:
MONDAY 5th JULY 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

SCALE 1 15,000 000

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: Tuesday 6th July, 1948.

CAIRO
Time of Sunrise 02 54 G.M.T.
" " Sunset 17 00 G.M.T.

At 1200 on Monday 5th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARÂNI	14	9	28	5	3	0	—	—	25.5	70	20	0
	160	MATRÛH	00	8	28	5	0	0	—	10	27	66	20	0
	134	EL DABA	00	9	28	2	0	0	—		26.3	66	19	0
	132	ALEXANDRIA	00	9	30	4	0	0	—	8.3	27.2	60	19	0
	150	FOUAD (Airport)	00	7	28	4	0	0	—	8.0	28	58	19	0
	159	DAMIETTA	00	7	28	4	1	0	—	6.6	27.4	80	23	0
	161	PORT SAÏD	00	7	31	4	0	0	—	6	26	79	22	0
	135	EL ARISH	00	9	28	4	0	0	—	6.0	28.7	74	24	0
Lower Egypt	136	DAMANHUR	00	7	28	4	0	0	—	7.6	29.2	58	20	0
	137	MANṢURA	00	8	32	2	1	0	—	6.6	33.2	50	21	0
	138	ṬANṬA	00	8	28	2	0	0	—	7.5	33.0	39?	17?	0
	139	ZAGAZIG	00	6	24	2	0	0	—	6.6	33.8	60?	25?	0
		SHIBÎN EL KÔM	00	8	30	3	0	0	—	6.7	36.2	25	12	0
		ISMAÎLÎA	00	8	24	2	0	0	—	5.2	36.2	30	15	0
Cairo Area	928	FAROUK (Airport)	00	8	32	4	0	0	—	5	35	19	14	0
	141	ALMÂZA	00	7	32	2	0	0	—	5.7	34.8	31	15	0
		EZBEKÎYA	00	8	32	2	0	0	—	6.2	34.9	28	14	0
		GÎZA	00	8	32	2	0	0	—	7.0	35.2	27	13	0
	143	ḤELWÂN	00	7	30	3	0	0	—	5.0	34.9	20	09	0
Upper Egypt	153	FAIYÛM	00	8	02	2	0	0	—	5.0	34.1	24	11	0
		BENI SUEF	00	9	02	3	0	0	—	4.6	36.2	25	13	0
	162	MINYA	00	8	01	5	0	0	—	4	36	25	13	0
	155	AṢYÛṬ	00	8	28	2	0	0	—	4.4	36.5	24	12	0
	164	NAG' ḤAMMÂDI	00	8	00	0	0	0	—	2.3	36.2	39	20	0
	156	QENA	00	9	24	2	0	0	—	0.7	42.3	23	17	0
	157	LUXOR	00	8	24	2	0	0	—	0.0	42	09	03	0
	158	ASWÂN	00	9	32	1	0	0	—	0.3	43.6	13	09	0
Oases	148	SIWA	00	8	28	4	0	0	—	11.0	35.8	49	24	0
	149	BAḤARÎYA	00	8	32	1	0	0	—	7.5	34.0	18	06	0
		FARAFRA												
	152	DAKHLA	00	8	30	5	0	0	—	5.1	36.3	10	00	0
	151	KHARGA	00	9	30	4	0	0	—	5.6	37.6	16	08	0
Red Sea	144	SUEZ	00	8	32	3	0	0	—	4.3	34.8	29	14	0
	145	TÔR	00	8	28	5	0	0	—	—	30.8	67	23	0
	163	HURGHÂDA	00	9	01	4	0	0	—	1	29	66	22	0
	147	QUSEIR	00	8	32	2	0	0	—	1.6	31.6	53	21	0
	208	PORT SÛDÂN	05	6			1	7	2	99	38	50	26	0
North Sûdân	165	WADI HALFA	00	8	22	4	0	1	1	3	42	09	03	0
	166	KAREIMA	00	8	26	2	1	2	1	1	43	07	-1	0
	167	'AṬBARA	00	8	32	1	0	tr	4	99	44	12	08	0
	209	KHARTÛM	00	8	28	1	0	0	—	1	40	16	10	0
	170	KASSALA	01	8	20	2	1	3	8	3	38	29	17	0
Central Sûdân	171	WAD MEDANI	01	8	00	0	0	3	8	2	38	25	15	0
	182	RENK	01	9	20	4	1	5	1	6	34	47	21	0
	172	ROSEIRES	00	8	14	2	1	0	—	7	31		—	0
	174	EL OBEID	01	7	24	3	1	5	8,1	3	34	36	17	0
	175	EL FÂSHER	01	8	02	2	1	7	8,4	—	38	19	11	0
	179	GENEINA												
S. Sûdân	176	MALAKÂL	22	8	12	4	5	10	6	10	26	74	21	tr
	177	WÂU	02	8	11	4	0	10	8	10	26		26	0
	178	JUBA	00	8	14	3	0	2	8,4	7	33	50	21	0

At 1800 on 5th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 12-18 G.M.T. mms
SIDI BARÂNI	00	8	28	4	0	0	—	—	22.8	83	20	0
MATRÛH	00	7	28	4	0	0	—	11	23	74	18	0
EL DABA	00	5	00	0	0	0	—		23.5	92	22	0
ALEXANDRIA	00	5	30	3	0	0	—	8.7	24.0	71	18	0
FOUAD (Airport)	00	7	28	3	0	0	—	7.9	24	74	19	0
DAMIETTA	00	7	28	5	0	0	—	6.4	24.0	91	22	0
PORT SAÏD	05	6	29	4	0	0	—	6	25	84	22	0
EL ARISH	01	9	30	4	1	7	8	6.4	25.3	91	23	0
DAMANHUR	00	7	04	3	0	0	—	7.8	22.2	72	17	0
MANṢURA	00	6	28	2	0	0	—	7.4	25.0	82	22	0
ṬANṬA	00	8			0	0	—	7.9	23.8	64	17	0
ZAGAZIG	00	6	30	2	0	0	—	7.5	25.3	74	20	0
SHIBÎN EL KÔM	01	7	30	2	0	0	—	7.4	27.4	57	18	0
ISMAÎLÎA	00	7	32	1	0	0	—	6.2	27.8	63	20	0
FAROUK (Airport)	00	7	28	4	0	0	—	6	29	52	18	0
ALMÂZA	00	7	25	3	0	0	—	6.7	28.5	45	16	0
EZBEKÎYA	00	8	30	3	0	0	—	7.2	27.9	54	18	0
GÎZA	00	8	30	3	0	0	—	7.6	26.4	55	16	0
ḤELWÂN	00	7	30	5	0	0	—	6.3	28.3	48	16	0
FAIYÛM	00	8	02	3	0	0	—	6.3	28.3	38	12	0
BENI SUEF	00	9	02	3	0	0	—	5.6	30.0	36	13	0
MINYA	00	7	01	5	0	0	—	4	30	35	13	0
AṢYÛṬ	00	6	28	1	0	0	—	4.4	32.0	24	09	0
NAG' ḤAMMÂDI	00	8	00	0	0	0	—	1.9	29.0	40	14	0
QENA	00	6	22	2	0	0	—	1.1	34.3	28	13	0
LUXOR												
ASWÂN	00	9	24	1	0	0	—	1.5	36.0	17	07	0
SIWA	00	6	28	2	0	0	—	15.1	31.2	60	22	0
BAḤARÎYA	00	7	32	1	0	0	—	7.5	31.0	19	05	0
FARAFRA												
DAKHLA	00	8	28	3	0	0	—	5.9	31.9	25	10	0
KHARGA	00	7	30	2	0	0	—	3.9	34.4	18	06	0
SUEZ	00	6	32	4	0	0	—	5.5	29.5	56	20	0
TÔR	00	8	28	2	0	0	—	—	28.8	72	23	0
HURGHÂDA	00	8	30	4	0	0	—	1	30	49	18	0
QUSEIR	00	8	30	1	0	0	—	0.6	30.0	65	23	0

At 0600 on Tuesday 6th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb TT	Max. Yesterday TxTx	Diff. from norm.	Min. Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C	Rainfall Past 24 hrs	Rainfall Total From Oct. 1	Rainfall Norm. From Oct. 1	Station	Area
00	9	29	3	0	1	8	—	—	23.6	26		22		77	20	0	171	—	SÎDI BARÂNI	Mediterranean
00	8	30	4	0	0	—	11		25	28		20		74	20	0	—	—	MATRÛH	
00	8	28	2	0	0	—			24.3	27		21		82	21	0	117	—	EL DABA'	
00	9	30	4	0	0	—	8.8	-1.5	25.2	29	0	23	+1	64	18	0	209	186	ALEXANDRIA	
00	7	29	3	0	0	—	8.4		26	28				66	19	0	212	138	FOUAD (Airport)	
01	8	24	3	1	3	8	7.8	-1.6	25.7	29		21		82	23	0	85	106	DAMIETTA	
00	7	25	2	1	1	6	8		26	29		23		70	20	0	56	—	PORT SA'ID	
01	9	20	2	1	5	6	7.4	-1.9	26.1	30	0	21	+2	77	22	0	—	94	EL 'ARISH	
00	7	32	4	0	0	—	8.0	-1.6	26.8	30	-3	20	0	60	19	0	105	101	DAMANHÛR	Lower Egypt
00	8	32	2	0	0	—	8.4	-1.1	26.0	34	-1	19	-1	73	21	0	73	55	MANṢÛRA	
00	8	24	1	0	0	—	9.0	-0.8	25.0	33	-2	16	-3	68	19	0	26	44	ṬANṬA	
00	6	24	2	0	0	—	8.7	-1.3	25.8	35	0	20	+1	76	21	0	36	27	ZAGAZIG	
00	7	30	2	0	0	—	9.0	-1.2	25.4	36		19		59	16	0	34	—	SHIBÎN EL KÔM	
00	7	30	1	0	0	—	9.4		27.0	38		21		63	19	0	21	—	ISMAÎLÎA	
00	7	30	2	0	0	—	9		23	38		20		61	15	0	—	—	FAROUK (Airport)	Cairo Area
00	7	32	2	0	0	—	8.6	-1.4	23.7	36		19		71	18	0	25	—	ALMÂZA	
00	8	30	1	0	tr	8	8.7	-1.3	25.6	37	+1	22	+1	70	20	0	32	26	EZBEKÎYA	
00	8	30	1	0	tr	8	9.1	-0.9	25.0	36	+1	21	+2	68	19	0	31	27	GÎZA	
05	6	30	4	0	0	—	8.2	-1.7	23.5	35	0	21	0	73	18	0	19	24	ḤELWÂN	
00	8	02	3	0	0	—	8.0	-1.6	26.0	35	-2	21	0	59	17	0	11	8	FAIYÛM	Upper Egypt
01	9	02	1	0	3	4	8.2		25.7	37		20		68	20	0	11	—	BENI SUEF	
00	7	01	5	0	0	—	7		25	38		21		70	19	0	12	—	MINYA	
00	7	28	2	0	0	—	6.8	-1.9	25.1	37	0	20	-2	61	17	0	dr	4	AṢYÛṬ	
00	8	00	0	0	0	—	5.2	-2.5	27.2	37		22		56	17	0	0	—	NAG' ḤAMMÂDI	
00	8	22	3	0	0	—	4.6	-2.5	28.0	44	+3	22	-2	48	16	0	5	—	QENA	
00	7	26	3	0	0	—	4		31			25		36	14	0	dr	—	LUXOR	
00	9	28	2	0	0	—	5.0	-2.4	31.0	44	+2	28	+2	27	10	0	dr	—	ASWÂN	
00	7	22	3	0	0	—	13.1	+0.7	24.0	38	0	19	-1	95	22	0	23	8	SIWA	Oases
00	7	32	2	0	0	—	9.8	-0.7	24.0	36	0	19	-1	60	16	0	18	7	BAHARIYA	
00	7	32	1	0	0	—	10.2		27.0					40	14	0	—	—	FARAFRA	
00	8	30	4	0	0	—	8.1	-1.4	27.0	37	-2	21	-2	25	05	0	dr	—	DAKHLA	
00	9	32	2	0	0	—	6.7	-1.4	27.8	39	-1	23	0	30	10	0	0	—	KHARGA	
00	7	28	3	0	0	—	7.2	-1.7	25.9	38	+2	22	0	64	19	0	—	17	SUEZ	Red Sea
00	8	28	3	0	0	—	—	—	27.4	33	-1	25	+1	81	23	0	0	13	TOR	
00	9	30	4	0	0	—	4		26	32		26		70	20	0	1	3	HURGHADA	
00	8	32	2	0	0	—	3.9	-2.8	30.3	35	+2	25	-1	57	20	0	0	4	QUSEIR	
																0	291	97	PORT SUDAN	
00	8	02	2	0	0	—	6		30			23		18	03	0	tr	—	WÂDI HALFA	North Sûdân
00	8	00	0	1	0	—	6		34			27		19	07	0	tr	3	KAREIMA	
00	8	32	2	0	0	—	5		33			27		20	07	0	2	11	'ATBARA	
																	8	25	KHARTÛM	
01	8	18	2	1	5	4	9		28			26		55	18	0	26	68	KASSALA	
																0	95	76	WAD MEDANI	Central Sûdân
																0		190	RENK	
																0	251	275	ROSEIRES	
01	8	24	4	1	5	4	10		26			24		62	18	0	157	86	EL OBEID	
00	8	32	1	1	2	1	—		26			23		58	17	0	34	45	EL FÂSHER	
																0		101	GENEINA	
																tr	329	358	MALAKAL	S. Sûdân
																0	435	571	WÂU	
																0	468	629	JUBA	

HUMIDITY — Mean of day

Station	on 5th	Diff. from normal
Alexandria	69	-5
Ezbekîya	68	+10
Gîza	58	+1
Helwân	57	+11

GIZA
GRASS MINIMUM TEMP
ON 6th 17.6 °C

Remarks

UPPER AIR OBSERVATIONS on 5th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — Aeroplane Ascent, on 5th at 15-45

Height feet	Pressure mbs.	Dry °C	Wet °C
Surface	996	32	24
500	969	31	21
1000	950	28	20
1500			
[illegible]	900	24	17
[illegible]	850	24	12
[illegible]	800	22	7
[illegible]	750	18	7
[illegible]	700	14	6
[illegible]	650	9	2
[illegible]	600	3	-1
[illegible]	550	3	-2
[illegible]	500	-2	-4
[illegible]	450	-7	-8

FAROUK AIRPORT — Rawinsonde, on 6th at 03h

Pressure mbs.	Height feet	Temp °C	Humidity %	Wind DD	Wind VV
Surface		21	88	330	02
1000	230	21	85	330	02
950					
900	3200	20	25	360	23
850	4820	22	—	350	19
800	6540	22		310	05
700	10280	13	25	140	08
600	14490	02	25	170	24
500	19220	-2		90	16
400					
300	32020	-27		230	30
250					
200					
150					
100					

Pilot balloon winds, 5th

Station	Matruh				P.Said		Minya							
Time	14	15			14	15	15							
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	320	23			330	23	360	33						
500	320	23			240	31	350	27						
1000	320	20			300	21	350	30						
1500	340	23			260	07	350	33						
2000	320	21			320	24	340	30						
3000	310	16			130	24								
4000														
5000														
6000														
7000														
8000														

Station														
Time														
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200														
500														
1000														
1500														
2000														
3000														
4000														
5000														
6000														
7000														
8000														

UPPER AIR OBSERVATIONS on 6th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Station	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
Time			5										7		3				7	30			5	15
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			330	18									360	10	10	40			250	16			20	21
500			290	29									10	20	360	52			230	15			30	17
1000			330	30									20	16	360	45			170	4			10	30
1500			Ent Sc										360	13	140	9			210	10			10	14
2000													30	8	50	10			240	6			20	24
3000													60	7					110	3			20	31
4000													160	18									20	28
5000													160	34										
6000													80	16										
7000													120	9										
8000																								

Station	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
Time	5		5		5														3	15	4			
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	10	13	30	10	180	11																		
500	20	12	30	13	180	13																		
1000	20	22	350	17	180	13													220	26	30	5		
1500	350	16	350	18	180	11													270	13	30	23		
2000	10	11	320	22															10	19	30	19		
3000	340	5																	20	22	60	11		
4000	170	5																	70	15				
5000	130	21																						
6000	50	14																						
7000																								
8000																								

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	KPH	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/195)

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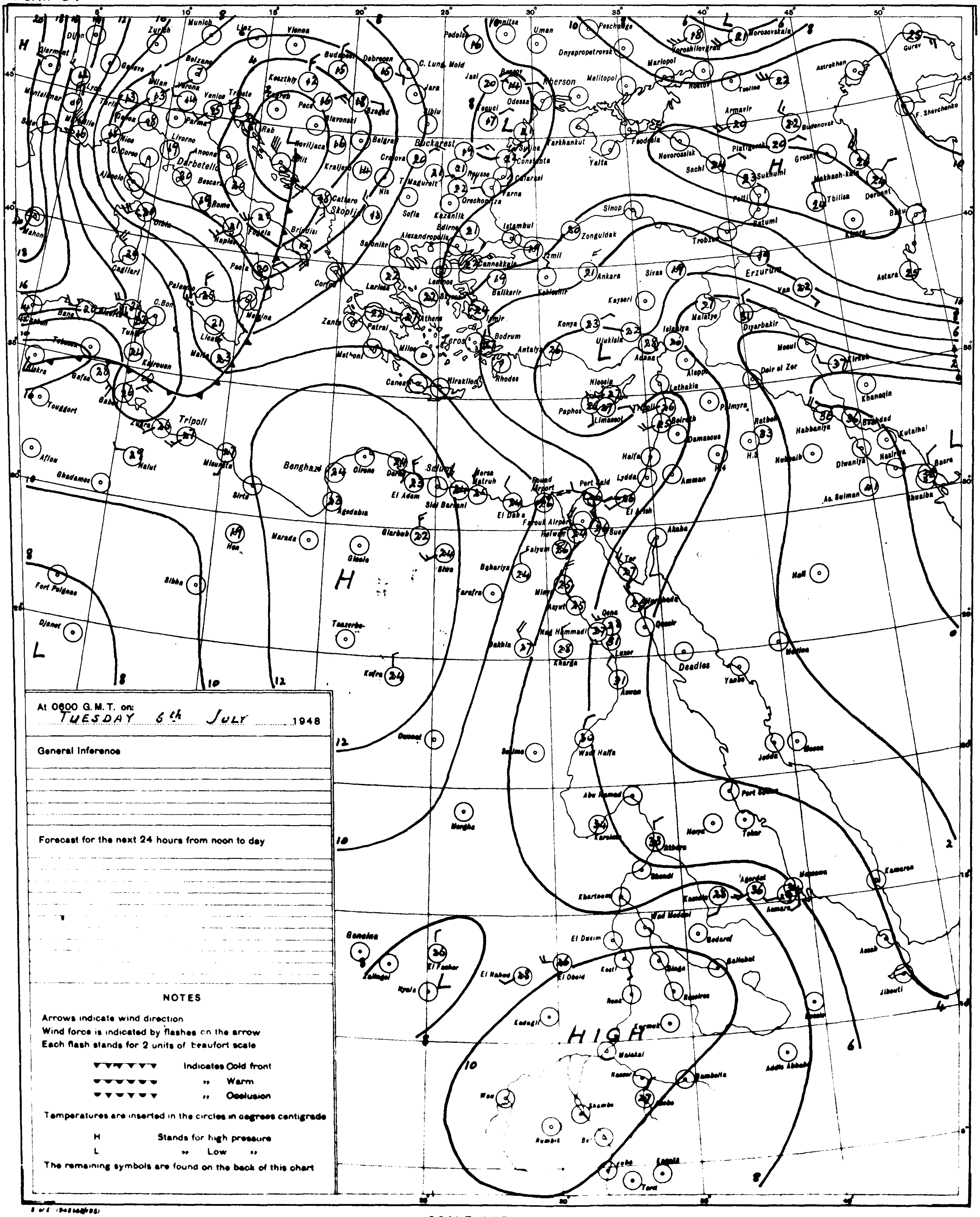
Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: TUESDAY 6th JULY 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
„ Warm
„ Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L „ Low „

The remaining symbols are found on the back of this chart

Form 91

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

DAILY WEATHER REPORT

CAIRO
Time of Sunrise ..03..00.. G.M.T.
" " Sunset ..16..59.. G.M.T.

Date : WEDNESDAY 7th JULY , 1948.

At 1200 on Tuesday 6th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	oo	9	28	3	o	o	—	—	25.4	68	19	o
	160	MATRÛH												
	134	EL DABA	oo	8	28	3	o	o	—		27.2	55	17	o
	132	ALEXANDRIA	oo	9	30	3	o	o	—	9.8	27.6	58	19	o
	150	FOUAD (Airport)	oo	7	27	3	o	o	—	9.4	28	58	19	o
	159	DAMIETTA	oo	8	28	4	o	o	—	7.5	27.0	69	21	o
	161	PORT SA'ID	oo	7	31	4	o	o	—	8	26	74	21	o
	135	EL 'ARISH	oo	9	30	4	o	o	—	7.2	28.2	72	22	o
LOWER EGYPT	136	DAMANHUR	oo	7	32	3	o	o	—	8.8	29.6	56	20	o
	137	MANSURA	oo	8	02	2	o	o	—	7.6	32.5	52	21	o
	138	TANTA	oo	8	28	4	o	o	—	7.4	32.0	38	16	o
	139	ZAGAZIG	oo	6	24	2	o	o	—	8.3	33.8	45	20	o
		SHIBÎN EL KÔM	oo	8	28	4	o	o	—	7.7	34.3	24	10	o
		ISMAÎLÎA	oo	8	32	1	o	o	—	7.8	35.8	27	14	o
CAIRO AREA	928	FAROUK(Airport)	oo	8	02	3	o	o	—	7	34	27	12	o
	141	ALMÂZA	oo	8	28	3	o	o	—	7.0	33.2		13	o
		EZBEKÎYA	oo	8	02	3	o	o	—	7.1	34.9	28	14	o
		GÎZA	oo	8	02	3	o	o	—	7.4	34.1	31	15	o
	143	HELWÂN	oo	7	28	5	o	o	—	7.1	33.8	23	10	o
UPPER EGYPT	153	FAIYÛM	oo	8	32	4	o	o	—	6.9	34.1	22	09	o
		BENI SUEF	oo	9	02	3	o	o	—	6.6	35.7	25	13	o
	162	MINYA	oo	8	01	5	o	o	—	6	35	29	14	o
	155	ASYÛT	oo	6	26	2	o	o	—	5.2	35.7	32	11	o
	164	NAG' HAMMÂDI	oo	8	oo	o	o	o	—	3.4	34.6	35	17	o
	156	QENA	oo	9	24	2	o	o	—	3.5	37.2	32	17	o
	157	LUXOR	oo	3	22	2	o	o	—	3	40	16	10	o
	158	ASWÂN	oo	9	32	1	o	o	—	3.2	40.0	15	09	o
OASES	148	SIWA	oo	6	28	4	o	o	—	11.4	35.0	54	24	o
	149	BAHARÎYA	oo	8	32	2	o	o	—	8.0	34.1	22	09	o
		FARAFRA	oo	9	32	2	o	o	—	8.8	35.2	16		o
	152	DAKHLA	oo	9	30	4	o	o	—	6.9	35.3	09	-3	o
	151	KHARGA	oo	9	32	2	o	o	—	5.2	36.3	16	06	o
RED SEA	144	SUEZ												
	145	TÛR	oo	8	28	4	o	o	—	—	30.1	66	23	o
	163	HURGHÂDA	oo	8	02	2	o	o	—	4	28	79	24	o
	147	QUSEIR	oo	3	04	2	o	o	—	3.8	29.6	74	25	o
	208	PORT SÛDAN	05	5	04	4	o	o	—	2	42	30	21	
NORTH SÛDAN	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA	01	8	02	2	1	7	4	1	32	22	08	o
	209	KHARTÛM	oo	8	00	o	o	o	—	3	41	19	13	o
	170	KASSALA												
CENTRAL SÛDAN	171	WAD MEDANI	01	8	20	5	o	7	8	4	39	26	16	o
	182	RENK	21	9	20	2	5	5	8	3	33	47	20	Tr
	172	ROSEIRES	oo	8	20	1	o	o	—	4	31	58	21	o
	174	EL OBEID	01	8	26	3	1	7	2,4	6	32	43	18	o
	175	EL FÂSHER	oo	8	12	1	o	2	1	—	36	22	11	o
	179	GENEINA	01	3	30	3	1	7	8	—	32	41	17	o
S SÛDAN	176	MALAKÂL												
	177	WÂU	02	8	12	1	1	8	2,4	6	36	42	21	o
	178	JUBA	02	8	28	2	1	10	2,4	9	29	66	22	o

At 1800 on 6th

PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
ww	V	DD	F	W		C	PPP	TT	UU		
oo	8	28	2	o	o	—	—	23.3	78	19	o
oo	7	28	4	o	o	—	11	24	84	21	o
oo	5	00	o	o	o	—		23.6	91	23	o
oo	5	32	3	o	o	—	11.0	24.4	68	18	o
oo	7	30	2	o	o	—	9.9	24	74	19	o
oo	7	28	3	o	o	—	8.2	24.4	88	22	o
oo	7	30	4	o	o	—	8	25	79	21	o
01	9	28	3	1	5	8	7.5	25.2	91	23	o
oo	7	32	5	o	o	—	9.2	24.0	77	20	o
oo	6	28	2	o	o	—	9.2	24.8	81	21	o
oo	8	28	1	o	o	—	8.7	25.4	60	17	o
oo	6	30	2	o	o	—	9.1	25.2	74	20	o
oo	7	28	2	o	o	—	8.2	26.3	72	21	o
oo	8	32	2	o	o	—	7.9	26.5	69	20	o
oo	7	32	4	o	o	—	8	28	45	15	o
02	7	01	3	o	o	—	8.0	28.0	44	15	o
oo	7	32	2	o	o	—	8.0	29.0	42	15	o
oo	7	32	2	o	o	—	8.6	27.5	43	15	o
oo	7	30	4	o	o	—	7.8	28.0	44	15	o
oo	8	02	2	o	o	—	7.5	27.8	35	11	o
oo	9	02	1	o	o	—	7.1	28.0	45	15	o
oo	7	01	4	o	o	—	6	29	35	12	o
oo	6	28	1	o	o	—	6.2	31.3	26	09	o
oo	8	oo	o	o	o	—	3.8	29.5	51	19	o
oo	6	24	2	o	o	—	3.6	33.0	36	16	o
oo	7	oo	o	o	o	—	4	34	23	10	o
oo	9	oo	o	o	o	—	3.9	34.6	16	06	o
							12.3	30.5	50	19	o
oo	6	oo	o	o	o	—		30.0	22	06	o
oo	7	32	1	o	o	—					
oo	7	28	1	o	o	—	10.4	29.6	21		o
oo	8	28	3	o	o	—	7.0	32.2	18	05	o
oo	7	oo	o	o	o	—	6.4	31.6	25	10	o
oo	6	02	3	o	o	—	7.0	28.2	56	18	o
oo	8	oo	o	o	o	—	—	28.2	80	24	o
oo	5	oo	o	o	o	—	4	29	66	22	o
oo	8	28	1	o	o	—	3.8	28.4	80	24	o

At 0600 on Wednesday 7th

PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. MAXIMUM Yesterday	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
ww	V	DD	F	W	C		PPP		TT	TxTx		TnTn		UU				
oo	9	30	3	o	o	—	—		20.2	27		19		76	16	o	171	—
oo	9	21	1	o	o	—	11		19	29		18		64	12	o	—	—
oo	8	24	1	o	o	—	11.1		24.9	29		18		73	19	o	117	—
oo	8	24	2	o	o	—	10.3	+0.1	25.6	29	o	22	o	82	23	o	249	186
oo	7	26	2	o	o	—	10.0		27	28		21		74	22	o	213	138
04	5	24	2	o	o	—	9.5	+0.2	26.7	28		20		77	23	o	85	106
oo	7	29	3	o	o	—	10		26	28		24		70	20	o	56	—
oo	9	24	3	o	o	—	9.5	+0.3	26.1	29	-1	21	+1	81	22	o	—	94
oo	7	32	2	o	o	—	10.2	+0.7	27.0	30	-3	19	-1	72	21	o	185	101
oo	8	30	1	o	o	—	10.6	+1.2	28.2	33	-2	19	-1	73	21	o	73	55
																o	26	44
oo	6	24	2	o	o	—	9.8	+0.1	26.4	35	o	17	-2	69	20	o	36	27
oo	7	02	2	o	o	—	10.7	+0.6	25.3	34		19		62	17	o	34	—
																o	21	—
oo	8						10		24	35		20		84	21	o	—	—
oo	7	04	2	o	o	—	10.0	+0.1	24.7	35		20		64	18	o	25	—
oo	7	06	2	o	o	—	10.0	+0.1	25.9	35	-1	21	o	70	20	o	32	26
oo	7	06	2	o	o	—	10.2	+0.3	24.8	35	o	17	-2	69	19	o	31	27
oo	7	02	2	o	o	—	9.5	-0.3	25.3	34	-1	20	-1	60	17	o	19	29
oo	8	32	3	o	o	—	9.5	0.0	25.2	35	-2	20	-1	64	18	o	11	—
oo	9	02	2	o	o	—	9.1		26.8	36		20		63	19	o	11	—
oo	7	01	4	o	o	—	8		25	35		20		70	19	o	12	—
oo	7	28	2	o	o	—	7.9	-0.8	24.8	36	-1	20	-2	60	17	o	04	4
oo	8	00	o	o	o	—	6.7	-0.9	27.0	36		21		58	18	o	o	—
oo	8	24	2	o	o	—	6.4	-0.3	26.8	39	-2	24	o	58	16	o	5	—
oo	7	22	3	o	o	—	6		30	41		25		33	12	o	04	—
oo	9	28	3	o	o	—	5.9	+1.1	30.0	41	o	26	o	25	08	o	04	—
oo	9	26	2	o	o	—	12.3	o.o	20.0	39	+1	19	-1			o	23	8
oo	7	32	1	o	o	—	10.4	o.o	25.0	35	-2	20	o	54	15	o	18	7
oo	7	oo	o	o	o	—	11.0		27.6	36		20		42	14	o	—	—
oo	8	28	4	o	o	—	9.1	-0.3	25.2	36	-3	21	-2	27	05	o	04	—
oo	9	oo	o	o	o	—	8.2	+0.1	26.2	38	-2	23	o	46	13	o	o	—
oo	8	32	2	o	2o	8	10.3	+1.5	24.9	36	o	22	o	73	20	o	—	17
oo	9	28	1	o	o	—	—	—	27.0	33	-1	25	+1	76	22	o	o	13
oo	9	30	4	o	o	—	7		27	30		24		55	17	o	1	3
oo	8	32	2	o	o	—	5.9	-0.8	30.0	35	+2	26	o	57	20	o	o	4
oo	7	28	4	1	o	—	2		42					25	18	o	291	97
																o	Tr	—
oo	8	02	3	o	3	1	8		33					11	-1	o	Tr	3
43	2	32	2	4	Haze	—	6		32					43	18	o	2	12
01	8	30	2	o	2	2	7		32							o	8	27
oo	8	20	3	1	Tr	4	10		28					58	19	o	26	70
																o	95	80
																Tr		194
																3	254	281
																o	157	83
oo	8	oo	o	1	o	—			26					55	16	o	34	48
02	8	16	3	1	10	8,4	—		28					66	21	o		166
																4	333	363
																o	435	577
																o	448	633

AREA	STATION
MEDITERRANEAN	SÎDI BARÂNI
	MATRÛH
	EL DABA'
	ALEXANDRIA
	FOUAD (Airport)
	DAMIETTA
	PORT SA'ID
	EL 'ARISH
LOWER EGYPT	DAMANHÛR
	MANSÛRA
	TANTA
	ZAGAZIG
	SHIBÎN EL KÔM
	ISMAÎLÎA
CAIRO AREA	FAROUK(Airport)
	ALMÂZA
	EZBEKÎYA
	GÎZA
	HELWÂN
UPPER EGYPT	FAIYÛM
	BENI SUEF
	MINYA
	ASYÛT
	NAG' HAMMÂDI
	QENA
	LUXOR
	ASWÂN
OASES	SIWA
	BAHARIYA
	FARAFRA
	DAKHLA
	KHARGA
RED SEA	SUEZ
	TOR
	HURGHADA
	QUSEIR
	PORT SUDAN
NORTH SÛDAN	WÂDI HALFA
	KAREIMA
	'ATBARA
	KHARTÛM
	KASSALA
CENTRAL SÛDAN	WAD MEDANI
	RENK
	ROSEIRES
	EL OBEID
	EL FÂSHER
	GENEINA
S SÛDAN	MALAKÂL
	WÂU
	JUBA

HUMIDITY

Mean of day

STATION	on 6th	Diff. from normal
Alexandria	64	-10
Ezbekîya	53	-5
Giza	48	-9
Helwân	55	+9

GIZA GRASS MINIMUM TEMP ON 7th 16.9 °C

Remarks

UPPER AIR OBSERVATIONS on 6th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT

ON 6th AT 15.45

HEIGHT FEET	PRESSURE mbs	DRY °C	WET °C
SURFACE	998	32	23
500	966	29	19
1000	950	27	19
1500			
2000	900	24	16
4000	850	24	9
5000	800	24	9
7000	750	19	8
9000	700	14	6
12000	650	10	3
15000	600	4	-1
18000	550	2	-4
19000	500	-1	-4
20000	450	-5	-7

FAROUK AIRPORT RAWINSONDE

ON 7th AT 03h

PRESSURE mbs	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		20	87	100	03
1000	260	20	95	100	03
950					
900	32460	22	25	10	27
850	48 70	22	25	10	26
800	65 90	21	25	20	06
700	103 50	15	25	20	09
600	146 60	04	85	30	05
500	193 20	-2	35	280	07
400	265 00	-8	55		
300					
250					
200					
150					
100					

STATION																
TIME			Fouad AP 15		P.Said 10 45		Minya 15									
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			350	13	240	28	250	52								
500			360	23	340	19	350	47								
1000			360	24	320	16	350	40								
1500			40	28	330	17	250	52								
2000					330	17	40	08								
3000																
4000																
5000																
6000																
7000																
8000																

STATION																
TIME			5		5											
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			350	21	330	7										
500			360	23	330	10										
1000			20	10	350	22										
1500			360	29	330	6										
2000			30	17	290	13										
3000																
4000																
5000																
6000																
7000																
8000																

UPPER AIR OBSERVATIONS on 7th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT 3 30		PORT SAÎD 3 30		FAROUK AIRPORT		ALMÂZA		HELWÂN 6 30		MINYA 3		ASYÛT		LUXOR 6		ASWÂN		SIWA 5	
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200					340	13	330	14					10	9	350	31			280	10			260	2
500					360	16	20	30					40	16	360	31			290	10			10	7
1000					350	18	10	11					30	32	360	42			300	7			20	19
1500					10	23	340	33					30	50	10	35							350	19
2000							360	31							20	08							10	23
3000							360	29															20	30
4000																							20	39
5000																								
6000																								
7000																								
8000																								

STATION	BAHARÎYA		DAKHLA 5		KHARGA 5		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER 4		MALAKAL	
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			350	21	330	7																		
500			360	23	330	10																		
1000			20	10	350	22															320	9		
1500			360	29	330	6															340	13		
2000			30	17	290	13															30	12		
3000																					20	16		
4000																					40	11		
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

LIBRARY FEB 1 1949 WEATHER BUREAU

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

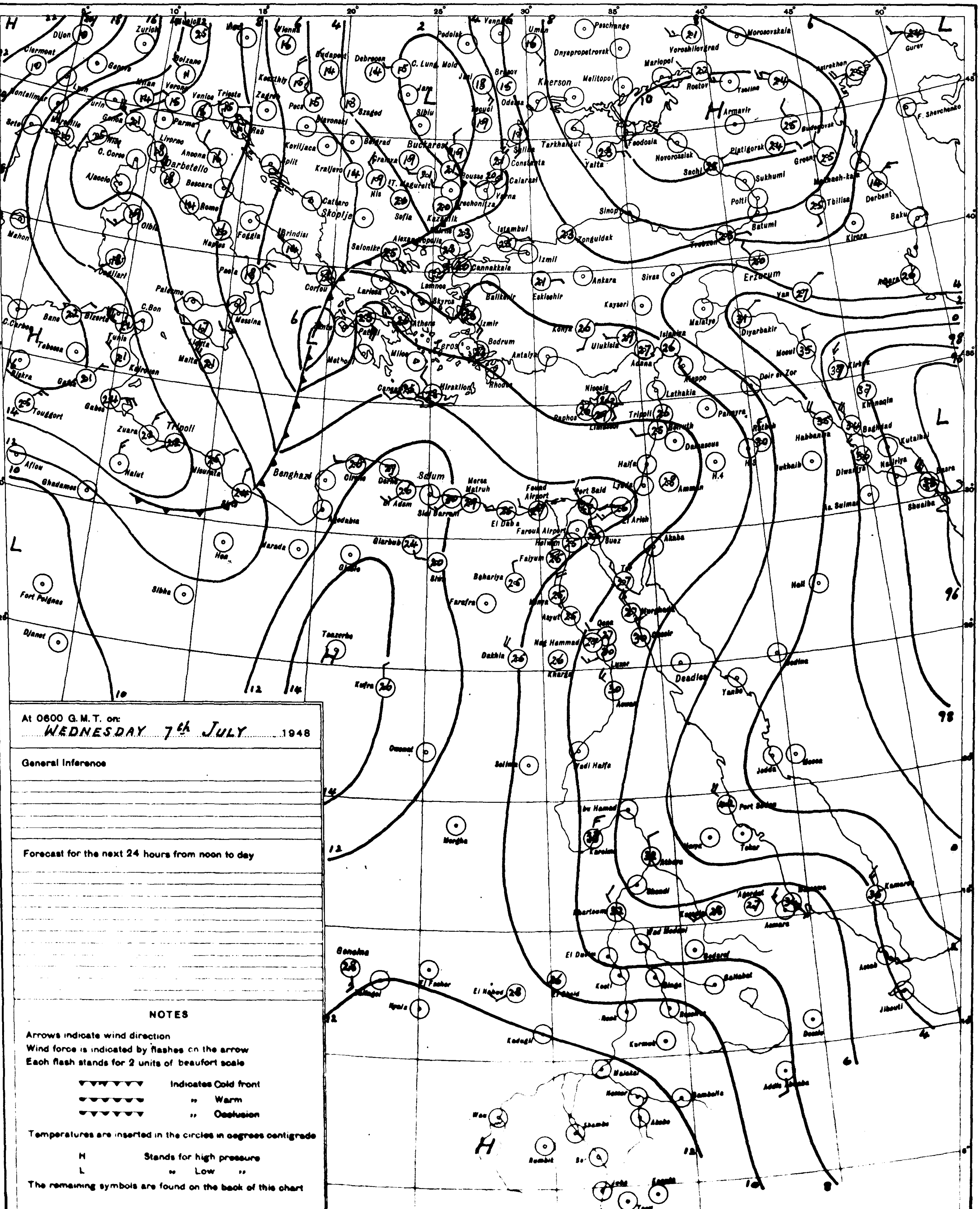
	K.P.H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:

WEDNESDAY 7th JULY 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction

Wind force is indicated by flashes on the arrow

Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼	Indicates Cold front
◆◆◆◆◆◆	" Warm
▼◆▼◆▼◆	" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H	Stands for high pressure
L	" Low "

The remaining symbols are found on the back of this chart

SCALE 1 15,000,000

CAIRO

Time of Sunrise 03 00 G.M.T.

" " Sunset 16 59 G.M.T.

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

Form 91

DAILY WEATHER REPORT

Date : THURSDAY 8th JULY , 1948.

At 1200 on WEDNESDAY 7th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C. TT	HUMIDITY % UU	DEW POINT °C.	RAIN 6-12 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI	●●	9	28	3	●	●	–		30.5	28	9	●
	160	MATRÛH	○○	8	30	4	●	●	–	11	30	40	15	●
	134	EL DABA	●●	8	30	2	●	●	–		30.8	31	12	●
	132	ALEXANDRIA	●●	9	32	2	●	●	–	10.8	29.0	58	20	●
	150	FOUAD (Airport)	●●	7	29	3	●	●	–	10.6	29	52	18	●
	159	DAMIETTA	●●	8	30	2	●	●	–	9.5	30.0	51	19	●
	161	PORT SAÏD	○○	8	31	4	●	●	–	9	29	59	20	●
	135	EL 'ARISH	○○	9	28	3	●	●	–	9.2	27.9	75	23	●
LOWER EGYPT	136	DAMANHUR	○○	7	32	4	●	●	–	10.3	33.3	45	19	●
	137	MANSURA	●●	8	02	2	●	●	–	9.8	35.0	43	20	●
	138	TANTA	●●	8	28	4	●	●	–	10.2	34.0	25	13	●
	139	ZAGAZIG	●●	6	32	2	●	●	–	9.0	33.6	44	20	●
		SHIBÎN EL KÔM	●●	8	30	3	●	●	–	10.0	33.6	28	12	●
		ISMAÏLÎA	●●	7	02	3	●	●	–	8.2	36.0	24	12	●
CAIRO AREA	928	FAROUK(Airport)	●●	8	30	4	●	●	–	9	37		6	●
	141	ALMÂZA	○○	7	32	4	●	●	–	8.0	36.5	27	8	●
		EZBEKÎYA	●●	8	32	3	●	●	–	8.7	36.2	22	12	●
		GÎZA	●●	8	32	3	●	●	–	8.7	36.0	20	10	●
	143	HELWÂN	●5	6	30	5	●	●	–	7.6	36.8	17	8	●
UPPER EGYPT	153	FAIYÛM	●●	8	02	4	●	●	–	7.0	36.6	23	12	●
		BENI SUEF	●●	9	02	4	○	●	–	7.0	37.4	20	11	●
	162	MINYA	●●	7	01	6	●	●	–	6	37	18	9	●
	155	ASYÛT	●●	8	20	1	●	●	–		26			
	164	NAG' HAMMÂDI	●●	9	00	●	●	●	–	4.8	35.0	42	20	●
	156	QENA	●●	9	26	2	●	●	–	4.3	38.8	29	17	●
	157	LUXOR	●●	8	22	2	●	●	–	4	38	21	12	●
	158	ASWÂN	●●	9	32	1	●	●	–	4.0	39.0	14	7	●
OASES	148	SIWA	●●	8	26	4	●	●	–	10.6	40.6			
	149	BAHARÎYA	●●	8	32	1	●	●	–	8.0	38.6	18	10	●
		FARAFRA												
	152	DAKHLA	●●	9	30	5	●	●	–	7.5	36.4	10	20	●
	151	KHARGA	○○	9	32	2	●	●	–	6.2	36.0	20	10	●
RED SEA	144	SUEZ	○○	8	32	3	●	●	–	7.6	35.1	22	10	●
	145	TÛR	●●	8	28	4	●	●	–		30.5	65	23	0
	163	HURGHÂDA	●●	9	01	3	●	●	–	5	29	66	22	●
	147	QUSEIR	●●	8	32	2	●	●	–	5.4	31.0	67	24	●
	208	PORT SÛDÂN	●●	8	08	4	●	●	–	3	38	38	21	0
NORTH SÛDÂN	165	WADI HALFA	○○	7	28	2	●	●	–	6	39	9	1	●
	166	KAREIMA	○2	8	26	4	1	10	2	5	41	5	-6	●
	167	'ATBARA	●5	4	32	3	4	10		3	42	12	7	●
	209	KHARTÛM	○●	8	32	2	●	1	2	4	41	12	7	●
	170	KASSALA	●1	8	20	3	○	3	8	6	37	33	18	●
CENTRAL SÛDÂN	171	WAD MEDANI	●1	8	18	5	2	3	8	5	37	24	13	●
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID	●1	8	16	1	1	5	8.2	6	35	30	15	●
	175	EL FÂSHER	●●	8	30	2	●	2	4					●
	179	GENEINA	●●	8	28	3	●	●	–		34	34	16	●
S. SÛDÂN	176	MALAKÂL	●2	8	00	●	1	10	8.4	10	30	62	22	●
	177	WÂU	●●	8	14	2	●	1	8.1	9	33	47	20	●
	178	JUBA	●●	8	30	1	●	2	8					

At 1800 on 7th

PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C TT	HUMIDITY % UU	DEW POINT °C.	RAIN 12-18 G.M.T. mms
●●	8	26	1	●	●	–		24.2	74	19	●
●●	7	24	1	●	●	–	11.2	24	70	20	●
○○	4	28	1	●	●	–		26.3	63	18	●
●●	5	32	2	●	●	–	11.1	25.7	71	20	●
●●	7	00	0	●	●	–	10.0	25	79	21	●
●●	6	28	2	●	●	–	9.6	25.5	75	21	●
●●	7	30	3	●	●	–	10	27	70	21	●
●●	9	28	3	●	●	–	9.2	26.9	73	22	●
●●	6	04	2	●	●	–	10.2	25.2	70	19	●
●●	6	32	2	●	●	–	10.2	27.0	66	20	●
●●	8	28	1	●	●	–	10.7	26.0	76	20	●
●●	7	24	2	●	●	–	10.3	26.3	72	20	●
●●	7	30	2	●	●	–	10.7	25.0	74	20	●
●●	7	32	1	●	●	–	9.1	29.1	50	18	●
●●	7	02	4	●	●	–	9	31		15	○
●●	7	01	3	●	●	–	9.0	30.9	38	15	●
●●	7	02	1	●	●	–	9.1	30.0	32	12	●
●●	7	02	1	●	●	–	9.8	29.5	34	12	●
○5	6	32	4	●	●	–	9.0	31.0	34	13	●
●●	8	32	2	○	●	–	8.3	31.3	27	10	●
●●	9	02	2	●	●	–	8.3	30.3	47	17	●
●●	7	01	5	●	●	–	7	31	33	13	●
●●	6	26	2	●	●	–	5.4	29.0	46	14	●
●●	8	00	●	○	○	–	5.0	29.4	55	13	●
●●	6	24	1	●	●	–	4.4	31.0	37	14	●
○○	7	00	●	●	●	–	4	34	23	10	●
●●	9	00	○	●	○	–	4.4	35.0	15	5	●
●●	6	00	●	●	●	–	11.1	32.5	18	5	●
●●	7	32	1	●	●	–	8.8	34.0	22	9	●
●●	8	28	1	●	●	–	6.6	34.8	14	4	●
●●	7	00	●	●	●	–	4.6	34.9	20	09	●

At 0600 on THURSDAY 8th

PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESSURE M.S.L. mbs. PPP	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb TT	TEMPERATURE °C. MAXIMUM Yesterday TxTx	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today TnTn	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY % UU	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
●2	9	28	4	1	8	8			23.6	32		21		81	20	●	171	
●●	9	29	3	●	●	–	12		25	30		19		74	20	●		
●●	8	28	1	●	●	–			26.8	31		19		86	24	●	117	
●●	9	32	2	●	●	–	10.4	+0.3	26.0	29	●	23	+1	79	22	●	209	186
●●	7	30	2	●	●	–	10.2		27	30		20		79	23	●	213	138
●●	7	26	2	●	●	–	9.9	+0.7	26.7	31		20		79	23	●	85	106
○1	7	22	1	1	5	6	10		26	30		24		79	22	●	51	
●●	9	28	3	●	●	–	9.6	+0.5	27.1	29	-1	20	○	75	22	●		94
●●	7	32	4	●	●	–	10.3	+0.8	28.0	34	+1	20	●	72	22	●	105	101
●●	8	02	1	●	●	–	10.5	+1.2	27.5	36	+1	20	●	80	24	●	73	65
●●	8	28	1	●	●	–	11.1	+1.4	28.0	36	+1	16	-3	70	22	●	26	44
○○	6	24	2	●	●	–	11.0	+1.2	28.8	36	+1	20	+1	66	22	●	36	27
●●	7	28	2	●	●	–	10.3	+0.3	25.0	34		19		74	20	●	34	
●●	7	24	1	●	●	–	9.4		29.0	36		21		58	20	●	21	
○○	7	32	2	●	●	–	10		26	37		22			16	●		
●●	7	32	1	●	●	–	9.5	-0.3	26.0	38		21		55	16	●	25	
●●	7	30	2	●	●	–	9.9	+0.1	26.0	37	+1	23	+2	60	18	●	32	26
●●	7	30	2	●	●	–	9.8	0.0	25.9	37	+2	19	●	61	18	●	31	27
●5	6	26	2	●	●	–	9.5	-0.2	26.1	37	+2	21	●	52	15	●	19	29
●●	8	02	1	●	●	–	9.0	-0.4	26.1	38	+1	21	●	57	17	○	11	8
●●	9	02	1	●	●	–	9.0		29.2	37		19		46	16	●	11	
●●	7	32	4	●	●	–	8		26	37		20		48	14	○	12	
○○	7	22	1	●	●	–	7.9	-0.7	27.1	39	+2	21	-1	47	15	●	04	4
○○	8	00	●	○	○	–	6.8	-0.8	28.5					49	16	○	○	
●●	8	24	2	●	●	–	5.9	-1.1	29.0	40	-1	26	+2	37	13	○	5	
●●	8	00	●	●	○	–	5		34	40		23		20	8	●	04	
●●	9	00	●	●	●	–	5.1	+0.4	31.6	40	-1	27	+1	22	8	○	04	
○○	9	00	●	●	●	–	11.9	-0.4	29.2	41	+3	20	●			●	23	8
○○	7	00	●	●	●	–	10.2	-0.1	27.3	39	+2	20	○	42	13	●	18	7
●●	8	32	2	●	●	–	8.7	-0.6	29.7	38	-1	25	+2	23	7	●	04	
●●	9	32	3	●	●	–	6.3	-1.7	31.2	39	●	26	+3	27	10	●	●	
●●	8	●●	●	●	●	–	9.0	+0.3	23.5	37	+1	23	+1	48	16	●		17
○○	9	28	2	○	○	–			29.4	32	-2	24	●	60	20	●	●	13
●●	9	28	3	●	●	–	6		29	30		24		46	16	●	1	3
●●	8	32	2	●	●	–	5.9	-0.7	31.0	34	+1	27	+1	48	19	●	○	4

HUMIDITY

Mean of day

STATION	on 7th	Diff. from normal
Alexandria	75	+1
Ezbekîya	48	-10
Gîza	43	-10
Helwân	44	- 2

GIZA GRASS MINIMUM TEMP ON 8th 17.1 °C

Remarks

UPPER AIR OBSERVATIONS on 7th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT ON 7th At 17.58

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C
SURFACE	990	33	31
500	972	33	21
1000	954	32	20
1500	937	32	20
2000	900	28	16
2500	850	26	13
3000	800	24	17
3500	750	19	8
4000	700	15	3
4500	650	9	0
5000	600	4	-2
5500	550	2	-4
6000	500	0	-4
6500	450	-4	-5

FAROUK AIRPORT RAWINSONDE ON 8th At 3.4

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		22	68	110	5
1000	320	22	65	110	5
950					
900	3340	22	35	20	29
850	4990	24	25	10	35
800	6710	20	25	10	42
700	10800	10	25	10	26
600	14550	4	–	160	3
500	19330	-4	–	10	13
400					
300					
250					
200					
150					
100					

STATION	FOUAD AIRPORT		PORT-SAID		MINYA	
TIME	16		15 45		15 15	
HEIGHT m.	DD	VV	DD	VV	DD	VV
200	310	14	340	20	360	38
500	300	11	350	22	360	35
1000	300	13	340	9	360	43
1500	300	13	360	15	350	40
2000	310	16	360	14	340	38
3000						
4000						
5000						
6000						
7000						
8000						

STATION						
TIME						
HEIGHT m.	DD	VV	DD	VV	DD	VV
200						
500						
1000						
1500						
2000						
3000						
4000						
5000						
6000						
7000						
8000						

UPPER AIR OBSERVATIONS on 8th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME									3				7 45		3				6				5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200									60	09			320	19	350	40			20	3			140	7
500									30	22			360	17	20	36			160	10			150	4
1000									10	26			40	33	30	43			130	12			340	2
1500									10	35			20	26					50	6			290	7
2000									360	37			20	33										
3000									10	19														
4000									50	05														
5000																								
6000									360	10														
7000																								
8000																								

STATION	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME			5		5																			
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			330	18	360	17																		
500			330	14	10	20																		
1000			340	18	10	22																		
1500			350	31																				
2000			350	17																				
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

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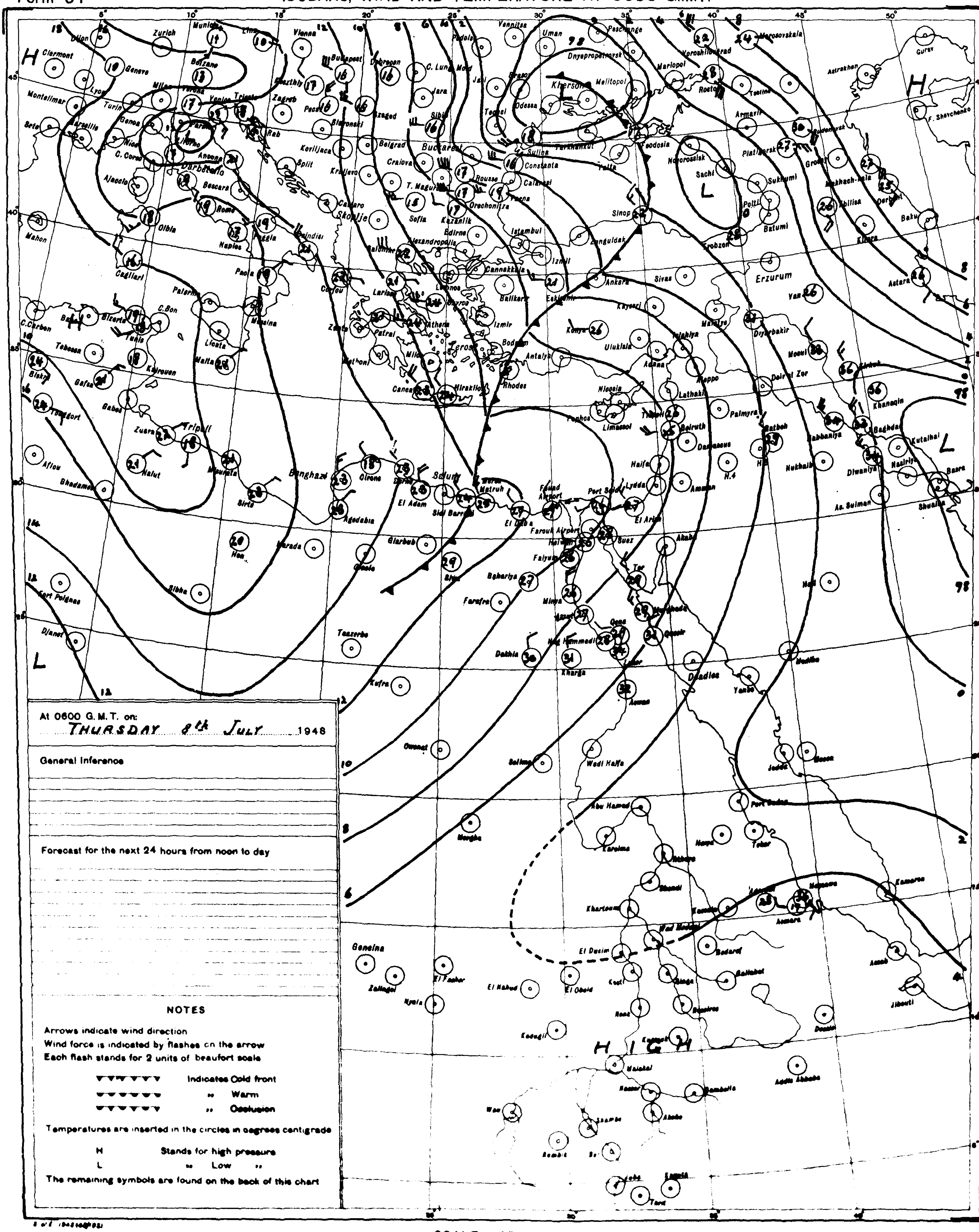
Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



SCALE 1:15,000,000

Form 91

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

DAILY WEATHER REPORT

Date: FRIDAY 9th JULY, 1948.

CAIRO
Time of Sunrise 03 01 G.M.T.
" " Sunset 16 59 G.M.T.

AREA	INDEX NUMBER	STATION	At 1200 on Thursday 8th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	°C. TEMP. TT	HUMIDITY % UU	DEW POINT °C.	RAIN 6-12 G.M.T. mms	At 1800 on 8th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	°C. TEMP. TT	HUMIDITY % UU	DEW POINT °C.	RAIN 12-18 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI	00	8	28	4	0	0	—	13.2	25.0	64	18	0	00	8	30	3	0	0	—	12.1	22.4	73	17	0
	160	MATRÛH	00	8	30	5	0	2	6	12	26	79	22	0	00	7	29	4	0	0	—	13	23	78	19	0
	134	EL DABA	00	8	30	3	0	0	—		27	60	18	0	00	5	28	1	0	0	—	12.3	23.5	74	18	0
	132	ALEXANDRIA	00	9	04	1	0	0	—	10.4	27.8	70	22	0	01	5	04	2	1	3	8	11.6	24.0	83	21	0
	150	FOUAD (Airport)	00	8	29	3	0	0	—	10.7	29	66	22	0	00	7	28	1	0	0	—	11.1	24	89	22	0
	159	DAMIETTA	00	8	28	3	0	0	—	9.4	31.5	40	17	0	00	7	28	2	0	0	—	9.6	25.0	87	23	0
	161	PORT SA'ÎD	00	8	01	1	0	0	—	10	32	34	14	0	00	7	30	2	0	0	—	10	26	77	22	0
	135	EL 'ARISH	00	9	30	4	0	0	—	10.0	29.1	74	24	0	00	9	30	2	0	0	—	9.9		82		
LOWER EGYPT	136	DAMANHUR	00	7	04	5	0	0	—	9.9	32.4	48	20	0	00	7	04	2	0	0	—	10.7	24.3	76	20	0
	137	MANŞURA	00	8	32	2	0	0	—	9.4	37.0	38	20	0	00	6	32	2	0	0	—	10.2	26.8	72	22	0
	138	TANTA	00	8	28	2	0	0	—	9.9	36.0	29	15	0	00	8	28	1	0	0	—	10.1	25.4	73	20	0
	139	ZAGAZIG	00	6	32	3	0	0	—	10.3	35.6	45	22	0	00	6	32	2	0	0	—	9.8	26.1	61	18	0
		SHIBÎN EL KÔM	00	8	28	3	0	0	—	9.5	36.3	25	13	0	00	7	30	2	0	0	—	10.4	27.7	59	19	0
		ISMAÎLÎA	00	8	02	1	0	0	—	8.4	37.5	20	11	0	00	7	32	1	0	0	—	10.3	29.5	51	19	0
CAIRO AREA	928	FAROUK(Airport)	00	7	02	4	0	0	—	9	37	28	14	0	00	7	02	2	0	0	—	10	31	70	25	0
	141	ALMÂZA	00	8	02	3	0	0	—	8.4	37.3	22	12	0	00	7	32	4	0	0	—	9.9	31.2	36	15	0
		EZBEKÎYA	00	8	04	2	0	0	—	8.7	37.0	31	17	0	00	7	30	1	0	0	—	10.2	29.9	39	15	0
		GÎZA	00	8	04	2	0	0	—	7.0	37.0	25	14	0	00	7	30	1	0	0	—	10.0	29.4	39	14	0
	143	ḤELWÂN	00	7	32	3	0	0	—	7.5	38.2	18	10	0	00	7	30	5	0	0	—	9.1	31.0	33	13	0
UPPER EGYPT	153	FAIYÛM	00	8	02	1	0	0	—	7.2	38.4	16	08	0	00	8	30	2	0	0	—	8.3	31.8	37	15	0
		BENI SUEF	00	9	02	1	0	0	—	7.6	39.9	23	15	0	00	9	02	1	0	0	—	8.6	31.1	45	18	0
	162	MINYA	00	8	01	5	0	0	—	6	40	21	14	0	00	7	01	4	0	0	—	7	32	38	16	0
	155	ASYÛT	00	8	30	2	0	0	—	4.8	39.3	13	06	0	00	6	28	2	0	0	—	5.6	31.0	37	12	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	—	4.8	39.9	25	16	0	00	8	00	0	0	0	—	6.1	31.6	50	20	0
	156	QENA	00	9	24	2	0	0	—	3.2	42.3	21	15	0	00	6	32	1	0	0	—	3.0	31.4	41	16	0
	157	LUXOR	00	8	29	3	0	0	—	2	42	09	03	0												
	158	ASWÂN	00	9	00	0	0	0	—	2.4	38.5	15	07	0	00	9	28	1	0	0	—	2.0	40.0	08	-1	0
OASES	148	SIWA	00	8	28	4	0	0	—	10.8	41.2			0	00			02	3	0	0	—	11.0	35.7	31	16	0
	149	BAHARÎYA	00	8	02	1	0	0	—	7.8	41.0	14	08	0	00	7	32	1	0	0	—	8.8	35.0	28	14	0
		FARAFRA																								
	152	DAKHLA	00	7	32	6	0	0	—	5.6	41.0	06	-3	0	14	6	32	6	3	0	—	5.7	36.8	11	01	0
	151	KHARGA	00	9	32	4	0	0	—	4.0	40.6			0	00	7	32	6	0	0	—	4.4				0
RED SEA	144	SUEZ	00	8	32	2	0	0	—	7.6	36.5	23	11	0	00	6	02	2	0	0	—	8.6	30.6	28	10	0
	145	TÛR	00	3	28	2	9	9	—	—	33.4	54	22	0	00	8	03	0	0	0	—		29.2	73	24	0
	163	HURGHÂDA	00	9	30	2	0	0	—	5	34	47	21	0	00	8	28	2	0	0	—	4	30	62	22	0
	147	QUSEIR	00	8	32	2	0	0	—	5.0	36.0	33	17	0	00	8	30	2	0	0	—	4.0	33.7	37	17	0
	208	PORT SÛDÂN																								
NORTH SÛDÂN	165	WADI HALFA																								
	166	KAREIMA																								
	167	'ATBARA																								
	209	KHARTÛM																								
	170	KASSALA																								
CENTRAL SÛDÂN	171	WAD MEDANI																								
	182	RENK																								
	172	ROSEIRES																								
	174	EL OBEID																								
	175	EL FÂSHER																								
	179	GENEINA																								
S. SÛDÂN	176	MALAKÂL																								
	177	WÂU																								
	178	JUBA																								

AREA	INDEX NUMBER	STATION	At 0600 on Friday 9th July: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb TT	MAXIMUM Yesterday TxTx	MAXIMUM Diff. from norm.	MINIMUM Today TnTn	MINIMUM Diff. from norm.	HUMIDITY % UU	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1	STATION	AREA
MEDITERRANEAN	146	SIDI BARÂNI	01	9	28	4	1	5	8	12.4		23.3	26		21		65	16	0	171	—	SIDI BARÂNI	MEDITERRANEAN
	160	MATRÛH	01	8	30	4	1	5	6	12		24	28		21		69	18	0	—	—	MATRÛH	
	134	EL DABA	00	8	28	1	0	0	—			24.6					66	18	0	117	—	EL DABA'	
	132	ALEXANDRIA	01	9	02	1	2	5	5	10.6	+0.6	24.4	28	-1	21	-1	66	17	0	209	186	ALEXANDRIA	
	150	FOUAD (Airport)	01	7	30	1	2	5	6	10.4		25	30		22		70	19	0	213	138	FOUAD (Airport)	
	159	DAMIETTA	00	8	28	2	1	6	8	10.0	+0.9	25.5	34		22		69	20	0	85	106	DAMIETTA	
	161	PORT SA'ÎD	00	7	31	2	0	1	6	10		25	32		24		65	18	0	56	—	PORT SA'ÎD	
	135	EL 'ARISH	01	9	20	3	1	7	6	7.8	+0.8	26.2	30	0	22	+2	78	22	0	—	94	EL 'ARISH	
LOWER EGYPT	136	DAMANHUR	01	6	32	3	1	3	8	11.0	+1.6	26.2	33	0	20	0	68	20	0	105	101	DAMANHÛR	LOWER EGYPT
	137	MANŞURA	01	8	32	2	1	5	8	10.6	+1.3	25.8	38	+3	21	+1	70	20	0	73	55	MANŞÛRA	
	138	TANTA	00	8	28	2	0	0	—	11.2	+1.6	26.0	36	+1	18	-1	62	18	0	26	44	TANTA	
	139	ZAGAZIG	00	6	32	2	0	0	—	10.7	+0.9	27.0	38	+3	20	+1	63	19	0	36	27	ZAGAZIG	
		SHIBÎN EL KÔM	01	7	02	2	1	5	8	10.3	+0.3	25.3	38		20		60	17	0	34	—	SHIBÎN EL KÔM	
		ISMAÎLÎA	01	7	32	1	1	5	6	10.0		25.4	38		21		69	19	0	21	—	ISMAÎLÎA	
CAIRO AREA	928	FAROUK(Airport)	01	8	04	2	1	5	6	11		24	38		21		69	18	0	—	—	FAROUK(Airport)	CAIRO AREA
	141	ALMÂZA	01	7	04	3	1	5	6	10.3	+0.6	23.0	38		21		73	18	0	25	—	ALMÂZA	
		EZBEKÎYA	01	7	04	2	0	5	6	10.7	+1.0	24.8	37	+1	20	-1	67	18	0	32	26	EZBEKÎYA	
		GÎZA	01	7	04	2	0	5	6	10.7	+0.9	24.2	37	+2	21	+2	66	17	0	31	27	GÎZA	
	143	ḤELWÂN	00	7	32	3	0	0	—	10.2	+0.6	23.5	39	+4	21	0	59	15	0	19	29	ḤELWÂN	
UPPER EGYPT	153	FAIYÛM	00	8	02	2	0	0	—	9.8	+0.4	24.3	40	+3	21	0	69	18	0	11	8	FAIYÛM	UPPER EGYPT
		BENI SUEF	00	9	02	3	0	0	—	9.8		26.4	40		20		66	19	0	11	—	BENI SUEF	
	162	MINYA	00	7	01	3	0	0	—	7		25	40		20		65	18	0	12	—	MINYA	
	155	ASYÛT	00	7	22	1	0	0	—	8.3	-0.3	26.3	41	+4	21	0	54	16	0	04	4	ASYÛT	
	164	NAG' HAMMÂDI	00	8	00	0	0	0	—	6.5	-1.0	31.0	41		24		44	17	0	0	—	NAG' HAMMÂDI	
	156	QENA	00	8	22	2	0	0	—	5.1	-1.8	31.3	44	+3	25	+1	39	15	0	5	—	QENA	
	157	LUXOR	00	8	00	0	0	0	—	5		35			22			10	0	04	—	LUXOR	
	158	ASWÂN	00	9	00	0	0	0	—	4.7	-2.6	33.0	43	+2	27	+1	34	15	0	04	—	ASWÂN	
OASES	148	SIWA	00	7	06	2	0	0	—	13.1	+4.9	24.0	43	+5	20	-1	72	19	0	23	8	SIWA	OASES
	149	BAHARÎYA	00	7	02	2	0	0	—	10.4	+0.1	23.5	42	+5	21	+1	71	18	0	18	7	BAHARIYA	
		FARAFRA																		—	—	FARAFRA	
	152	DAKHLA	00	8	00	0	0	0	—	7.8	-1.4	35.0	43	+4	29	+6	15	05	0	04	—	DAKHLA	
	151	KHARGA	00	9	02	5	0	0	—	5.6	-2.4	32.6	42	+2	29	+6	23	09	0	0	—	KHARGA	
RED SEA	144	SUEZ	01	7	30	2	1	3	8	9.5	+0.8	25.2	39	+3	22	0	71	19	0	—	17	SUEZ	RED SEA
	145	TÛR	00	9	28	3	0	0	—			27.7	36	+2	26	+2	73	21	0	0	13	TOR	
	163	HURGHÂDA	00	8	30	4	0	0	—	5		29	35		27		49	17	0	1	3	HURGHADA	
	147	QUSEIR	00	8	32	3	0	0	—	4.4	-2.2	32.0	37	+3	28	+2	45	19	0	8	30	QUSEIR	
	208	PORT SUDAN	01	8	00	0	1	5	4						27				0	291	98	PORT SUDAN	
NORTH SÛDÂN	165	WADI HALFA	00	8	00	0	0	0	—	4		25					26	04	0	tr	—	WÂDI HALFA	NORTH SÛDÂN
	166	KAREIMA	00	8	16	1	0	0	—	6		29					25	07	0	tr	4	KAREIMA	
	167	'ATBARA	00	8	16	1	0	1	4	6		27					48	15	0	2	13	'ATBARA	
	209	KHARTÛM	00	6	20	4	0	0	—	6		33					44	19	0	8	30	KHARTÛM	
	170	KASSALA	00	7	16	3	0	0	—	8		34					36	17	0	24	76	KASSALA	
CENTRAL SÛDÂN	171	WAD MEDANI	00	9	18	6	0	2	3	5		29					40	14	0	95	88	WAD MEDANI	CENTRAL SÛDÂN
	182	RENK																			202	RENK	
	172	ROSEIRES																	22	276	294	ROSEIRES	
	174	EL OBEID	01	8	20	4	1	5	1	8		28					—	—	0	157	95	EL OBEID	
	175	EL FÂSHER	01	8	12	4	1	5	2	—		27					55	17	0	34	52	EL FÂSHER	
	179	GENEINA																			115	GENEINA	
S. SÛDÂN	176	MALAKÂL																	0	333	373	MALAKAL	S. SÛDÂN
	177	WÂU																	1	436	589	WÂU	
	178	JUBA																	1	469	641	JUBA	

HUMIDITY

Mean of day

STATION	on 8th %	Diff. from normal
Alexandria	80	+6
Ezbekîya	46	-12
Giza	46	-12
Helwân	39	-7

GIZA
GRASS MINIMUM TEMP
ON 9th 18.2 °C

Remarks

UPPER AIR OBSERVATIONS on 8th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AERODROME ASCENT ON 8th AT 19.20

HEIGHT FEET	PRESSURE mbs	DRY °C	WET °C
SURFACE	000	34	26
500	974	36	22
1000	958	34	22
1500	950	33	22
2000	900	29	19
3000	850	27	14
4000	800		
5000			
6000			
7000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT RAWINSONDE ON 9th AT 04.6

PRESSURE mbs	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		22	85	360	8
1000	290	22	85	360	8
950					
900	3260	22	35	320	15
850	4890	23	15	310	14
800	6610	20	-	310	12
700	10330	14	-	260	16
600	14520	05	-	220	13
500	18520	-3	-	210	7
400					
800					
250					
200					
150					
100					

STATION			Fouad A.P.		P. Said		Minya	
TIME			15		14 30		15	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV
200			300	10	10	12	350	30
500			310	11	330	14	360	22
1000			310	12	320	17	360	20
1500			320	16	320	15	20	13
2000					320	11	280	4
3000					220	8		
4000								
5000								
6000								
7000								
8000								

STATION								
TIME								
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV
200								
500								
1000								
1500								
2000								
3000								
4000								
5000								
6000								
7000								
8000								

UPPER AIR OBSERVATIONS on 9th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		POUAD AIRPORT		PORT SAÎD		FAROUK AIRPORT		ALMÂZA		ḤELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME							3	15	4						3				5	45			5	15
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200							330	14	360	09					10	23			300	4			30	19
500							330	13	350	10					20	43			360	14			30	22
1000							310	09	330	11					20	28			360	14			50	16
1500							270	14	310	13					350	27			20	04			320	19
2000							280	23	310	11					330	31			360	03			290	19
3000							270	15	290	15					320	32			00	00			300	28
4000									270	07														
5000																								
6000									210	09														
7000																								
8000																								

STATION	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME			5		6																			
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			340	8	20	33																		
500			360	5	20	38																		
1000			10	8	20	41																		
1500			60	11	20	38																		
2000			40	14																				
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

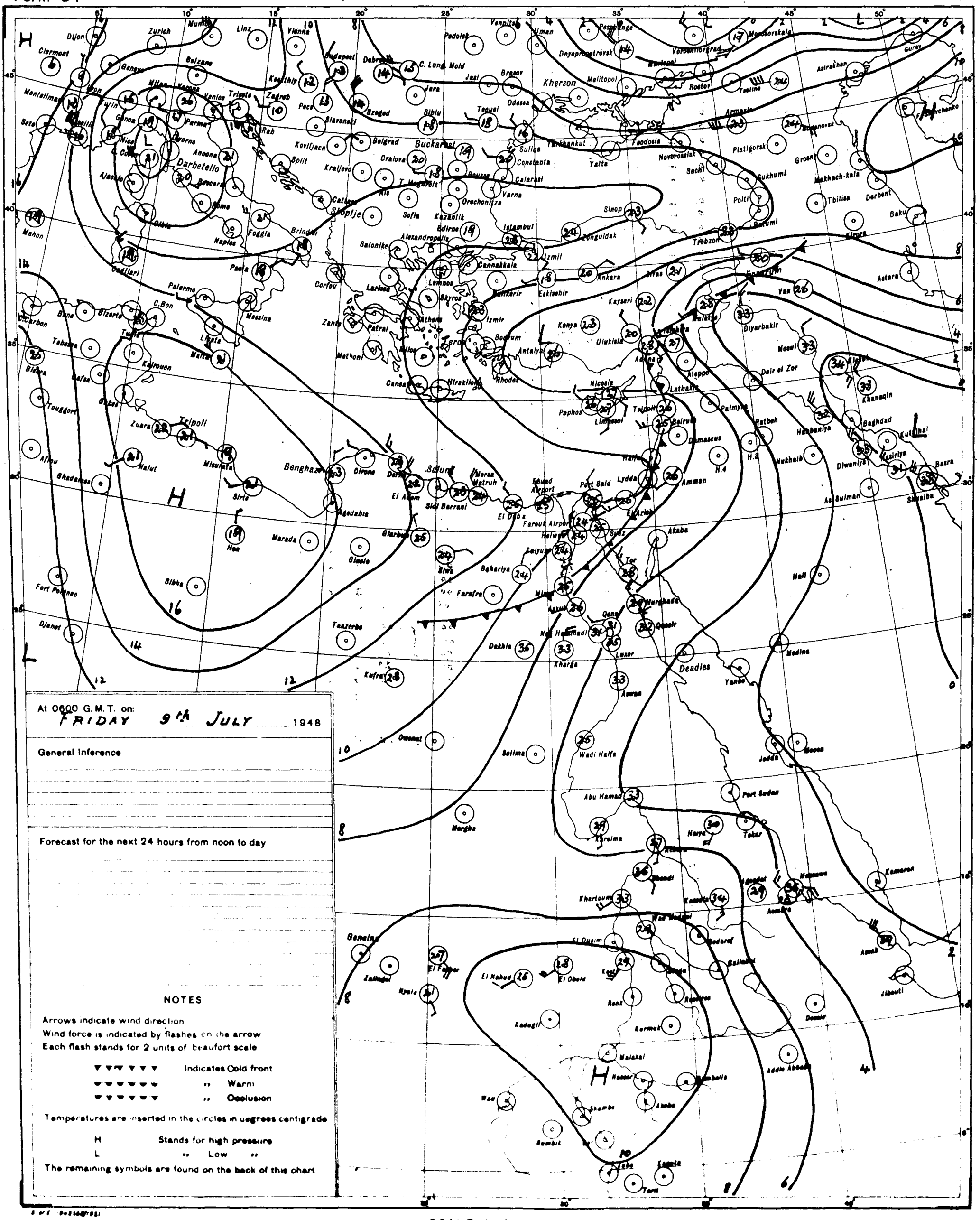
WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

LIBRARY WEATHER BUREAU

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: FRIDAY 9th JULY 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction

Wind force is indicated by flashes on the arrow

Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼	Indicates Cold front
▼▼▼▼▼▼	" Warm
▼▼▼▼▼▼	" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H	Stands for high pressure
L	" Low "

The remaining symbols are found on the back of this chart

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 07 G.M.T.
" " Sunset 16 59 G.M.T.

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

Form 91

DAILY WEATHER REPORT

Date: SATURDAY 10 th JULY, 1948.

At 1200 on FRIDAY 9th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	01	9	26	4	1	5	8	12.8	24.6	58	16	0
	160	MATRÛH	00	8	29	5	0	0	-	12	26	45	13	0
	134	EL DABA	01	8	30	3	1	5	8		27.4	60	19	0
	132	ALEXANDRIA	01	9	30	2	2	5	4	10.6	26.6	58	18	0
	150	FOUAD (Airport)	00	7	28	3	1	1	6	10.3	27	42	19	0
	159	DAMIETTA	00	8	28	3	0	0	-	10.2	26.6	60	19	0
	161	PORT SA'ÎD	00	8	32	3	0	0	-	10	27	55	17	0
	135	EL 'ARISH	00	9	28	4	0	0	-	9.2	27.8	47	21	0
LOWER EGYPT	136	DAMANHUR	00	7	32	3	0	0	-	11.0	31.0	45	18	0
	137	MANSURA	00	8	04	2	1	0	-	9.8	31.0	50	19	0
	138	TANTA	00	8	28	4	0	0	-	10.0	31.0	31	12	0
	139	ZAGAZIG	00	6	32	2	0	0	-	9.2	34.5	44	20	0
		SHIBÎN EL KÔM	00	8	02	3	0	0	-	10.0	36.7	20	11	0
		ISMAÎLÎA	00	8	32	1	0	0	-	8.3	34.0	33	15	0
CAIRO AREA	928	FAROUK (Airport)	00	8	02	3	0	0	-	9	33	23	9	0
	141	ALMÂZA	00	7	29	2	0	0	-	9	33.0	26	12	0
		EZBEKÎYA	00	8	04	1	0	0	-	9.0	32.2	37	15	0
		GÎZA	00	8	04	1	0	0	-	9.0	33.0	30	13	0
	143	HELWÂN	00	8	28	4	0	0	-	7.8	33.0	25	11	0
UPPER EGYPT	153	FAIYÛM	00	8	30	3	0	0	-	8.2	32.7	27	11	0
		BENI SUEF	00	9	02	1	0	0	-	7.1	32.4	26	14	0
	162	MINYA	00	8	02	4	0	0	-	8	34	27	12	0
	155	ASYÛT	00	8	26	2	0	0	-	6.3	37.3	16	7	0
	164	NAG' HAMMÂDI	00	8	24	1	0	0	-	3.1	38.8	30	18	0
	156	QENA	00	9	06	2	0	0	-	2.0	45.4	13	10	0
	157	LUXOR	00	8	30	2	0	0	-	2	44	7	00	0
	158	ASWÂN	00	9	32	1	0	0	-	2.4	43.0	16	12	0
OASES	148	SIWA	00	6	30	4	0	0	-	12.2	35.3	34	17	0
	149	BAHARÎYA	00	8	32	2	0	0	-	9.0	35.2	23	11	0
		FARAFRA												
	152	DAKHLA	00	9	30	6	0	0	-	6.1	40.0	6	-4	0
	151	KHARGA	00	9	32	4	0	0	-	4.3	40.8			
RED SEA	144	SUEZ	00	8	32	3	0	0	-	7.9	32.8	26	11	0
	145	TOR	00	8	28	5	0	0	-		32.8	54	21	0
	163	HURGHÂDA	00	8	21	4	0	0	-	4	30	55	20	0
	147	QUSEIR	00	8	32	3	0	0	-	4.0	33.0	50	21	0
	208	PORT SÛDAN												
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÛDÂN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S. SÛDÂN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 1800 on 9th

PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
ww	V	DD	F	W		C	PPP	TT	UU		
01	8	28	4	1	5	9	12.3	22.3	72	17	0
01	7	29	4	1	7	6	12	23	74	18	0
03	5	28	3	2	10	8		23.2	67	16	0
02	6	30	3	2	8	5	10.7	23.7	69	18	0
00	7	29	2	0	0	-	10.0	23	74	18	0
00	7	28	2	0	0	-	9.9	23.5	73	19	0
00	7	30	4	0	5	8	10	25	70	19	0
00	9	32	3	0	0	-	9.5	24.1	79	20	0
00	7	32	2	0	0	-	11.1	24.2	78	20	0
00	6	32	2	0	0	-	9.8	24.8	73	20	0
00	8	28	1	0	0	-	9.9	25.6	66	18	0
00	6	32	2	0	0	-	10.0	26.2	65	19	0
00	7	02	2	0	0	-	10.0	25.8	65	19	0
00	7	02	1	0	0	-	8.7	26.8	50	15	0
00	7	32	5	0	0	-	9	27	45	14	0
00	7	32	4	0	0	-	9	29	40	14	0
00	7	32	2	0	0	-	9.0	27.7	51	17	0
00	7	32	2	0	0	-	9.5	27.9	48	16	0
00	7	30	4	0	0	-	8.4	28.8	41	14	0
00	8	30	2	0	0	-	7.9	29.1	40	14	0
00	9	02	1	0	0	-	8.4	27.8	50	16	0
00	7	32	2	0	0	-	7	27	42	13	0
00	6	28	1	0	0	-	6.1	31.3	24	9	0
00	8	24	3	0	0	-	4.3	30.4	34	13	0
00	6	26	2	0	0	-	3.6	35.3	13	2	0
00	7	24	2	0	0	-	3	38	10	1	0
00	6	28	2	0	0	-	11.1	31.3	32	12	0
00	7	32	1	0	0	-	9.1	31.5	30	12	0
00	7	32	1	0	0	-	8.8	30.6	38	15	0
00	8	00	0	0	0	-	7.1	31.8	11	2	0
00	7	32	4	0	0	-	4.8	35.2	13	3	0
1H	5	02	4	3	0	-	8.3	27.4	53	16	0
00	8	28	5	0	0	-		29.5	73	24	0
00	8	28	4	0	0	-	4	31	43	17	0
00	8	32	2	0	0	-	3.1	32.3	44	20	0

At 0600 on SATURDAY 10th

PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. MAXIMUM Yesterday	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
ww	V	DD	F	W		C	PPP		TT	TxTx		TnTn		UU				
01	9	29	4	/	5	8	12.0		22.9	26		21		72	18	0	171	
01	8	27	4	0	5	6	12		24	27		19		79	20	0		
01	8	28	2	0	5	8			21.1	27		21		69	15	0	117	
01	9	30	2	2	5	4	10.4	+0.4	24.4	28	-1	21	-1	60	16	0	209	186
01	7	28	2	1	5	6	10.3		26	28		22		58	17	0	213	138
01	8	28	3	1	5	8	9.6	+0.5	25.2	28		20		67	18	0	85	106
01	7	26	2	0	5	6	10		25	28		23		61	17	0	56	
01	9	28	3	1	5	8	10.0	+1.0	28.2	29	-1	20	0	63	20	0		94
01	7	28	4	1	5	8	10.3	+1.0	24.8	32	-1	18	-2	73	20	0	105	101
01	8	32	2	1	5	8	10.2	+0.9	26.0	32	-3	20	0	66	19	0	73	55
01	8	28	2	1	5	8	10.1	+0.8	24.0	31	-4	16	-3	64	17	0	26	44
01	6	32	2	0	5		9.5	-0.2	27.2	34	-1	18	-1	61	20	0	36	27
01	7	02	2	1	5	8	10.8	+0.8	25.1	37		20		71	19	0	34	
01	7	28	1	1	5	6	9.6		25.5	34		21		59	17	0	21	
01	7	30	2	0			10		24	35		21		84	19	0		
01	7	32	2	1	5	6	10		24	34		19		74	16	0	25	
01	7	04	2	0	5	6	10.4	+0.7	24.5	34	-2	21	0	63	17	0	32	26
01	7	04	2	0	5	6	10.4	+0.7	24.4	34	-1	19	0	61	16	0	31	27
01	7	30	3	1	5	8	10.2	+0.7	23.4	34	-1	20	-1	63	15	0	19	29
01	8	32	2	1	5	8	11.0	+1.7	24.0	35	-2	19	-2	66	17	0	11	8
00	9	02	1	0	0	-	10.3		25.7	37		20		61	18	0	11	
00	7	01	4	0	0	-	10		24	34		19		69	18	0	12	
00	7	28	1	0	0	-	9.8	+1.3	25.8	38	+1	21	-1	59	17	0	dr	H
00	8	24	3	0	0	-	6.8	-0.7	27.6	39		21		55	18	0	0	
00	8	22	3	0	0	-	5.6	-1.3	30.0	46	+5	25	+1	32	11	0	5	
00	8	23	4	0	0	-	6		32	46		25		22	8	0	dr	
00	9	02	4	0	0	-	6.3	-1.0	31.9	45	+4	28	+2	19	6	0	dr	
00	7	28	2	0	0	-	13.5	+1.4	22.0	36	-2	18	-3	89	20	0	23	8
00	7	32	2	0	0	-	11.8	+1.6	22.0	34	-1	19	-1	74	17	0	18	7
00	7	04	1	0	0	-	11.4		25.0	39		21		62	17	0		
00	8	00	0	0	0	-	8.9	-0.3	30.3	41	+2	25	+2	34	13	0	dr	
00	9	02	3	0	0	-	7.6	-0.4	28.7	41	+1	25	+2	37	13	0	0	
00	8	32	2	0	0	-	10.3	+1.7	25.6	36	0	20	-2	66	18	0		17
00	8	28	4	0	0	-			27.0	33	-1	25	+1	69	21	0	0	13
00	9	30	5	0	0	-	6		26	31		25		70	20	0	1	3
00	8	32	3	0	0	-	5.2	-1.3	29.0	34	0	27	+1	71	23	0	0	4
02	8	16	1	1	10	4,1	3		27					79	23	0	291	98
00	7	02	2	0	0	-	3		31					19	05	0	4	
05	6	18	1	1	3	4	5		29					20	04	0	4	4
05	5	22	4	1	1	4	5		34					34	16	0	2	14
18	5	20	5	3	7	4,2	6		32					43	18	0	8	32
01	8	18	3	1	7		9		28							2	28	78
02	8	18	4	1	8	3	9		28					66	21	0	95	92
																		206
																0	276	301
00	8	22	5	1	1	8	3		27					62	19	0	157	98
01	8	14	2	1	7	2			21					83	18	0	34	55
01	9	14	1	0	3	4									08			120
																1	334	378
																0	436	595
																0	469	645

HUMIDITY
Mean % of day

STATION	on 9th	Diff. from normal
Alexandria	76	+2
Ezbekîya	56	-2
Giza	37	-21
Helwân	52	+6

GIZA
GRASS MINIMUM TEMP
ON 10th AT 16G

Remarks

UPPER AIR OBSERVATIONS on 9th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT ON 10th AT 17

HEIGHT FEET	PRESSURE mbs	DRY °C	WET °C
SURFACE	999	31	24
500	973	29	21
1000	954	30	20
1500	950	30	20
2000	900	24	17
4000	850	23	9
6000	800	22	9
8000	750	17	7
10000	700	13	0
12000	650	10	1
14000	600	6	-3
16000	550	3	-3
18000	500	-1	-4
20000	450	-9	-11

FAROUK AIRPORT RAWINSONDE ON ___ AT ___

PRESSURE mbs	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					
250					
200					
150					
100					

STATION	FOUAD AP		P. SAID		MINYA	
TIME	75		14 30		15	
HEIGHT m.	DD	VV	DD	VV	DD	VV
200	340	7	330	12	10	26
500	330	12	310	18	360	23
1000	320	10	300	16	350	25
1500	350	8	270	9	350	30
2000						
3000						
4000						
5000						
6000						
7000						
8000						

STATION						
TIME						
HEIGHT m.	DD	VV	DD	VV	DD	VV
200						
500						
1000						
1500						
2000						
3000						
4000						
5000						
6000						
7000						
8000						

UPPER AIR OBSERVATIONS on 10th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		SUEZ AIRPORT		PORT SAÎD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME					3		4 30						6 30		3				9 15		5		5 30	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200					300	14	280	14					350	14	360	23			320	15	320	10	100	16
500					310	11	300	11					360	18	10	28			320	21	360	32	200	16
1000					320	10	300	13					350	3	330	31			320	18	360	38	200	16
1500							Ent	Sc					300	12	320	30					360	38	340	20
2000													310	13	310	19							320	21
3000													230	16	290	23							350	20
4000													240	8									330	21
5000													210	15										
6000																								
7000																								
8000																								

STATION	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME			5		5										4		4		4					
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			10	3	360	18																		
500			350	7	350	26									230	20	190	21						
1000			340	21	350	35									240	30	200	22	280	8				
1500			340	23	340	14									260	16	220	25	340	18				
2000			340	7													330	16	10	13				
3000															20	10	310	11	30	15				
4000																	360	12	20	11				
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

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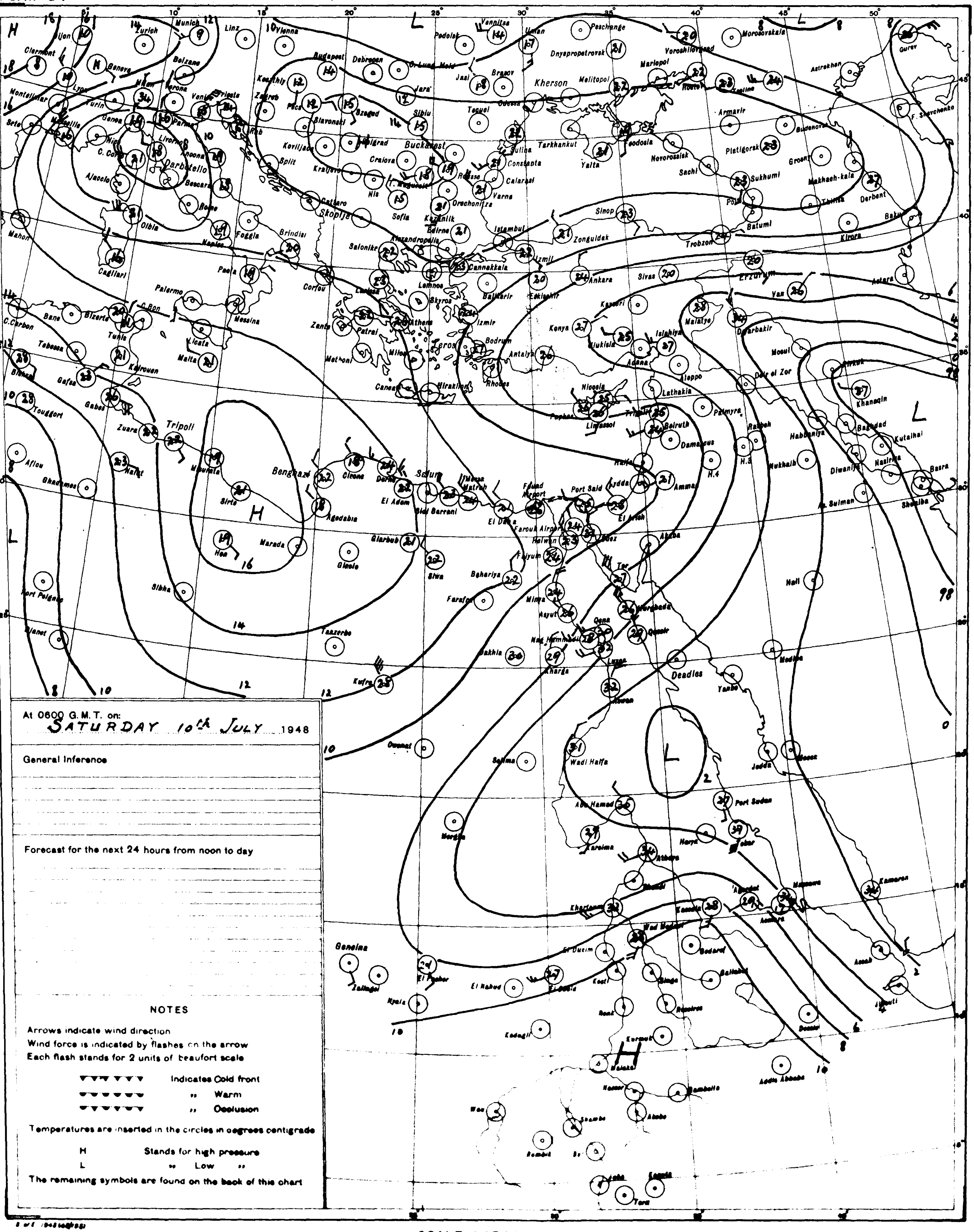
Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: SATURDAY 10th JULY 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction

Wind force is indicated by flashes on the arrow

Each flash stands for 2 units of beaufort scale

▼▼▼ ▼▼▼ Indicates Cold front

◆◆◆◆◆◆ „ Warm

▼◆▼◆▼◆ „ Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure

L „ Low „

The remaining symbols are found on the back of this chart

SCALE 1:15,000,000

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

CAIRO
Time of Sunrise 23 02 G.M.T.
" " Sunset 16 59 G.M.T.

Date : SUNDAY 11th JULY, 1948.

At 1200 on Saturday 10th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0..10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6 - 12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	14	6	28	5	0	3	8	11.9	25			
	160	MATRÛH	00	8	30	5	1	1	6	11	25	74	20	0
	134	EL DABA	01	8	28	3	1	3	8		25.6	67	19	0
	132	ALEXANDRIA	01	9	30	3	2	3	4	9.9	26.6	61	19	0
	150	FOUAD (Airport)	00	7	28	3	0	0	—	9.8	27	62	19	0
	159	DAMIETTA	00	8	28	4	1	tr	8	9.0	27.2	67	20	0
	161	PORT SAÏD	00	8	31	3	0	tr	8	9	27	58	18	0
	135	EL 'ARISH	00	9	28	3	0	0	—	9.4	27.1	64	19	0
LOWER EGYPT	136	DAMANHUR	00	7	32	3	0	0	—	9.3	28.2	56	18	0
	137	MANSURA	00	8	28	2	1	0	—	8.7	31.2	50	19	0
	138	TANTA	00	8	28	3	0	0	—	9.8	31.0	42	17	0
	139	ZAGAZIG	00	6	32	2	0	0	—	8.4	31.2	51	20	0
		SHIBÎN EL KÔM	00	8	02	3	0	0	—	8.7	34.2	29	13	0
		ISMAÏLIA	00	8	28	2	0	0	—	7.5	33.0	36	16	0
CAIRO AREA	928	FAROUK(Airport)	00	8	30	3	0	0	—	8	31		15	0
	141	ALMÂZA	00	7	28	2	0	0	—	7.7	30.2	31	11	0
		EZBEKÎYA	00	8	30	4	0	0	—	8.3	30.8	38	15	0
		GÎZA	00	8	30	2	0	0	—	8.7	31.2	33	13	0
	143	HELWÂN	00	7	30	2	0	0	—	7.6	30.8	32	13	0
UPPER EGYPT	153	FAIYÛM	00	8	32	2	0	0	—	7.8	30.7	28	10	0
		BENI SUEF	00	9	02	1	0	0	—	8.1	32.4	36	15	0
	162	MINYA	00	8	32	4	0	0	—	8	34	23	10	0
	155	ASYÛT	00	8	28	2	0	0	—	7.4	33.2	25	10	0
	164	NAG' HAMMÂDI	00	8	24	1	0	0	—	5.0	35.4	32	16	0
	156	QENA	00	9	26	3	0	0	—	3.4	39.8	12	05	0
	157	LUXOR	00	8	28	4	0	0	—	4	39	12	05	0
	158	ASWÂN	00	4	32	3	0	0	—	3.1	40.0	12	06	0
OASES	146	SIWA	00	8	20	4	0	0	—	12.7	32.4	30	13	0
	148	BAHARÎYA	00	9	32	2	0	0	—	9.1	32.0	24	09	0
		FARAFRA	00	7	28	1	0	0	—	9.2	34.6	28	13	0
	152	DAKHLA	00	9	28	5	0	0	—	7.4	35.2	18	07	0
	151	KHARGA	00	9	32	4	0	0	—	5.9	36.0	17	07	0
RED SEA	144	SUEZ	00	8	32	2	0	0	—	8.0	31.4	31	12	0
	145	TÛR	00	8	28	6	0	0	—	—	30.5	65	23	0
	163	HURGHÂDA	00	9	30	5	0	0	—	4	30	46	17	0
	147	QUSEIR	00	8	32	2	0	0	—	4.6	31.0	46	22	0
	208	PORT SÛDÂN	01	8	10	3	1	5	8,1	99	39	32	19	0
NORTH SÛDÂN	165	WADI HALFA	00	8	22	4	0	tr	4	3	42	09	02	0
	166	KAREIMA	01	8	26	3	1	3		1	43	05	-6	0
	167	'ATBARA	05	6	16	1	1	3	4,1	0	43	11	06	0
	209	KHARTÛM	05	7	10	3	1	5	8,2	3	39	26	16	0
	170	KASSALA												
CENTRAL SÛDÂN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES	01	8	08	1	1	3	5	8	26	70	20	0
	174	EL OBEID	01	8	20	3	0	7	8,4	5	32	41	17	0
	175	EL FÂSHER	01	8		2	0	3	8,4	—				0
	179	GENEINA	01	8	20	3	0	3	8	—	33	41	18	0
S. SÛDÂN	176	MALAKÂL												
	177	WÂU	25	8	16	1	8	10	4,4	9	28	66	21	R
	178	JUBA	02	8	32	2	6	10	5	12	25	79	21	R

At 1800 on 10th

PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0..10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
ww	V	DD	F	W		C	PPP	TT	UU		
01	8	26	4	1	5	9	11.8	22.4	77	18	0
01	7	28	3	1	5	6	11	23	84	20	0
00	5	28	1	0	0	—		23.1	83	20	0
00	6	32	3	0	0	—	9.2	24.0	71	18	0
00	7	29	2	0	0	—	8.7	24	74	19	0
00	7	28	2	1	0	—	8.7	24.0	75	19	0
00	7	30	3	0	0	—	8	25	65	18	0
01	9	28	4	1	3	8	8.7	24.3	78	20	0
00	7	32	2	0	0	—	9.5	23.0	83	20	0
00	6	32	2	0	0	—	9.0	24.8	73	20	0
00	8	32	1	0	0	—	10.3	24.0	60	16	0
00	6	32	2	0	0	—	9.9	24.2	67	18	0
00	7	02	2	0	0	—	10.3	26.6	54	17	0
00	7	02	2	0	0	—	9.1	26.0	55	16	0
00	7	32	4	0	0	—	9	28	45	15	0
00	7	30	3	0	0	—	8	28	45	15	0
00	7	01	2	0	0	—	8.7	26.9	50	16	0
00	7	02	2	0	0	—	8.7	26.8	48	15	0
00	7	28	4	0	0	—	7.5	28.0	43	14	0
00	8	30	2	0	0	—	7.5	28.0	39	13	0
00	9	02	2	0	0	—	7.6	26.2	62	15	0
00	7	03	2	0	0	—	7	26	48	14	0
00	6	30	1	0	0	—	7.4	28.2	38	12	0
00	8	00	0	0	0	—	5.2	27.2	42	13	0
00	6	24	2	0	0	—	3.8	30.2	24	07	0
00	9	32	4	0	0	—	4.3	35.0	15	05	0
00	6	26	2	0	0	—	11.2	30.0	41	15	0
00	7	32	1	0	0	—	8.7	29.5	27	09	0
00	7	32	1	0	0	—	8.8	27.2	22	03	0
00	8	28	2	0	0	—	7.3	32.0	23	09	0
00	7	32	3	0	0	—	6.4	32.4	15	02	0
00		32	4	0	0	—	7.0	26.9	57	18	0
00	9	28	1	0	0	—	—	30.0	59	21	0
00	8	30	3	0	0	—		28	62	20	0
00	8	30	2	0	0	—	3.6	31.8	40	17	0

At 0600 on Sunday 11th

PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0..10	CLOUD Form	BAR. PRESSURE M. S. L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from norm.	MINIMUM Today	MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL Total From Oct. 1	RAINFALL Norm. From Oct. 1	STATION	AREA
ww	V	DD	F	W		C	PPP		TT	T_xT_x		T_nT_n		UU						
00	9	28	4	0	1	8	11.0		23.2	26		21		68	17	0	171	—	SIDI BARÂNI	MEDITERRANEAN
00	8	28	4	1	2	6	10		24	26		17		74	19	0	—	—	MATRÛH	
00	8	28	1	0	0	—			24.9	30		21		72	20	0	117	—	EL DABA	
00	9	28	3	0	0	—	10.3	+0.4	24.2	28	-1	22	0	71	18	0	207	186	ALEXANDRIA	
00	7	27	2	0	0	—	8.6		26	27		22		70	20	0	213	138	FOUAD (Airport)	
01	8	28	2	1	5	8	8.3	-0.7	25.0	27		19		74	20	1	85	166	DAMIETTA	
00	7	24	2	0	2	6	8		25	28		23		74	20	0	56	—	PORT SAÏD	
01	9	20	2	1	7	8	8.4	-0.5	27.2	28	-2	23	+3	65	20	0	—	94	EL 'ARISH	
00	6	28	4	0	2	8	9.2	+0.0	26.0	28	-5	18	-2	72	20	0	105	101	DAMANHÛR	LOWER EGYPT
00	8	32	1	0	0	—	8.7	-0.5	25.0	32	-3	19	-1	76	20	0	73	55	MANSÛRA	
00	8	28	2	0	0	—	9.6	+0.1	25.0	31	-4	16	-3	68	19	0	26	44	TANTA	
00	6	24	2	0	1	1	9.7	0.0	29.2	33	-2	18	-1	58	20	0	36	27	ZAGAZIG	
00	7	28	2	0	0	—	9.8	0.0	24.8	34		18		65	18	0	34	—	SHIBÎN EL KÔM	
01	7	30	1	1	5	6	8.3		26.0	34		20		62	18		21	—	ISMAÏLIA	
01	7	32	1	0	3	6	9		27	32		20		66	15	0	—	—	FAROUK(Airport)	CAIRO AREA
01	7	32	1	0	5	6	9		23	32		20		84	18	0	25	—	ALMÂZA	
01	7	30	1	0	5	8	9.1	-0.5	24.8	33	-3	20	-1	69	19	0	32	26	EZBEKÎYA	
01	7	30	1	0	5	8	9.0	-0.6	24.6	33	-2	18	-1	64	18	0	31	27	GÎZA	
01	6	30	2	1	5	8	9.2	-0.2	22.2	32	-3	19	-2	76	18	0	19	29	HELWÂN	
01	8	02	2	1	5	8	9.2	-0.1	24.0	33	-4	19	-2	70	18	0	11	8	FAIYÛM	UPPER EGYPT
00	9	02	1	0	0	—	9.4		27.3	33		19		51	16	0	11	—	BENI SUEF	
00	7	02	4	0	0	—	9		24	34		18		50	13	0	12	—	MINYA	
00	7	28	2	0	0	—	8.6	+0.1	24.5	34	-3	19	-3	57	15	0	04	4	ASYÛT	
00	8	24	2	0	0	—	6.0	-1.4	26.4	35		20		55	16	0	0	—	NAG' HAMMÂDI	
00	8	22	3	0	0	—	5.1	-1.7	29.4	42	+1	23	-1	33	11	0	5	—	QENA	
00	8	30	4	0	0	—	5		30			22		25	08	0	04	—	LUXOR	
01	9	32	4	1	3	1	5.6	-1.6	30.6	41	0	27	+1	22	07	0	04	—	ASWÂN	
00	7	30	2	0	0	—	11.9	-0.2	21.5	35	-3	17	-4	90	19	0	23	8	SIWA	OASES
01	7	32	2	1	5	4	10.6	+0.5	21.0	34	-3	18	-2	74	16	0	18	7	BAHARIYA	
00	8	32	1	0	0	—	9.9		25.3	35		18		29	07	0	—	—	FARAFRA	
00	8	00	0	0	0	—	8.3	-0.8	27.4	37	-2	22	-1	33	09	0	04	—	DAKHLA	
00	9		3	0	0	—	8.0	0.0	27.6	37	-3	22	-1	39	13	0	0	—	KHARGA	
01	8	32	2	1	3	8	9.6	+1.1	24.6	34	-2	19	-4	54	15	0	—	17	SUEZ	RED SEA
00	8	28	4	0	0	—	—	—	26.2	32	-2	25	+1	60	18	0	0	13	TOR	
00	9	30	6	0	0	—	4		26	31		25		66	19	0	1	3	HURGHADA	
00	8	32	3	0	0	—	4.6	-1.8	28.4	32	-2	25	-1	23	05	0	0	4	QUSEIR	
																0	tr	—	WÂDI HALFA	NORTH SÛDÂN
																0	tr	5	KAREIMA	
																0	2	15	'ATBARA	
																0	8	34	KHARTÛM	
																•	28	81	KASSALA	
														29	124			96	WAD MEDANI	CENTRAL SÛDÂN
																		210	RENK	
														0	276			307	ROSEIRES	
														34	191			101	EL OBEID	
														0	34			57	EL FÂSHER	
																		125	GENEINA	
														2	336			383	MALAKAL	S. SÛDÂN
														tr	436			601	WÂU	
														tr	469			649	JUBA	

HUMIDITY

Mean of day

STATION	on 10th	Diff. from normal
Alexandria	64	-11
Ezbekîya	53	-5
Gîza	51	-7
Helwân	50	+3

GRASS MINIMUM TEMP
ON 11th 14.7 °C

Remarks

UPPER AIR OBSERVATIONS on 10th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT — ON ... AT ...

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C
SURFACE			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT RAWINSONDE — ON 11 6h AT 03h

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		20	87	340	03
1000	230	20	85	310	03
950					
900	3220	18	35	350	11
850	4810	17	—	350	18
800	6500	15	—	350	18
700	10170	12	—	290	44
600	14370	6	—	260	63
500	19170	-2	—	250	45
400					
300					
250					
200					
150					
100					

STATION		Fouad AP.		P.Said		Menza							
TIME		15		14	15	15							
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			310	16	330	17	360	15						
500			320	18	320	16	10	18						
1000			300	20	320	15	350	27						
1500			300	21	320	15	340	26						
2000			300	24	330	8	340	33						
3000			300	31	310	7								
4000					260	14								
5000														
6000														
7000														
8000														

STATION													
TIME													
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			330	03	180	12								
500			20	05	180	29								
1000			360	20	180	25								
1500			350	14	170	13								
2000			330	10										
3000														
4000														
5000														
6000														
7000														
8000														

UPPER AIR OBSERVATIONS on 11th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME							3	45	3				7	30	3						5		5	30
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200							290	12	340	09			350	11	360	26					350	10	40	29
500							320	9	350	10			350	10	360	23					340	14	30	10
1000							310	20	350	11			10	13	330	28					330	19	330	31
1500									350	16			350	21	330	26					330	24	330	21
2000									350	12			340	13							320	35	320	12
3000									310	04			10	12							330	19	360	11
4000									300	05													360	10
5000																							10	10
6000									260	16													340	01
7000																								
8000																								

STATION	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME			5		6				3	43	3	45			5	45	4				4	30	3	30
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			330	03	180	12			10	21														
500			20	05	180	29					10	30			220	19	190	18					110	07
1000			360	20	180	25			360	56	10	28			220	34	190	26			130	06	130	11
1500			350	14	170	13			330	58	30	07			260	18	220	32			340	06	130	09
2000			330	10					250	17	240	30			290	11	300	06			340	08	170	10
3000											200	06			310	13	340	19			50	08		
4000																					20	12		
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

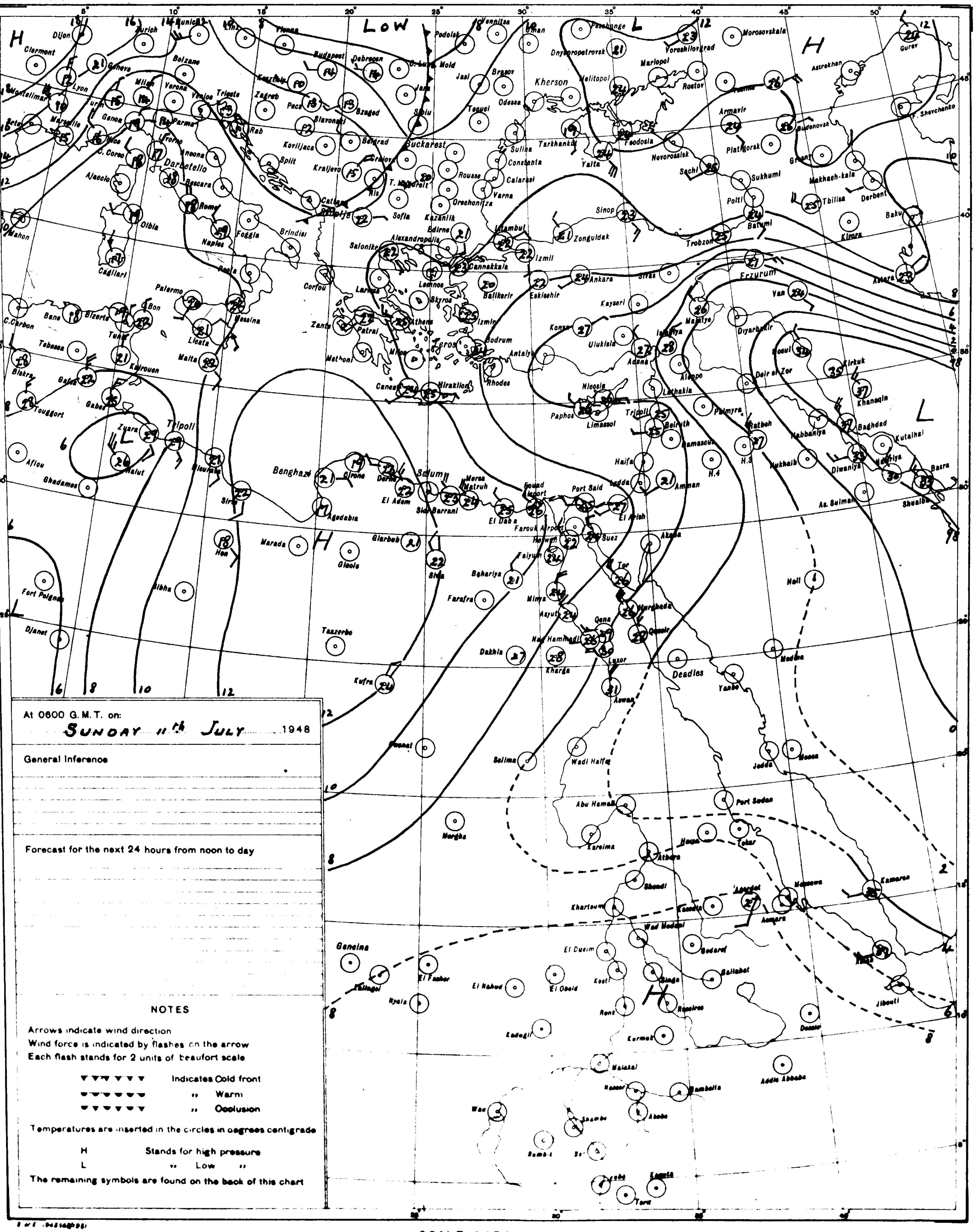
WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

LIBRARY

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G. M. T. on:

SUNDAY 11th JULY 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼ Indicates Cold front
▬▬▬▬▬▬ ,, Warm
▼▼▼▼▼▼ ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

SCALE 1 15,000,000

CAIRO
Time of Sunrise 03 02 G.M.T.
" " Sunset 16 58 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

DAILY WEATHER REPORT

Date: MONDAY 12th JULY, 1948.

Form 91

At 1200 on Sunday 11th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	00	9	30	4	0	0	—	10.6	25.1	63	18	0
	160	MATRÛH												
	134	EL DABA	00	8	28	3	0	0	—		24.0	65	19	0
	132	ALEXANDRIA	01	9	28	4	1	5	5	8.7	27.0	66	20	0
	150	FOUAD (Airport)	01	7	26	3	0	tr	6	8.2	28	62	20	0
	159	DAMIETTA	00	8	28	3	1	0	—	7.5	27.5	66	21	0
	161	PORT SA'ÎD	00	8	31	3	0	0	—	8	28	55	18	0
	135	EL 'ARISH												
LOWER EGYPT	136	DAMANHUR	00	7	32	3	0	0	—	9.0	28.6	58	20	0
	137	MANSURA	00	8	02	2	0	0	—	8.1	31.8	53	21	0
	138	TANTA	00	9	28	3	0	0	—	8.6	31.5	37	16	0
	139	ZAGAZIG	00	6	32	2	0	0	—	7.1	32.2	44	18	0
		SHIBÎN EL KÔM	00	8	28	3	0	0	—	8.6	33.8	27	12	0
		ISMAÎLÎA	00	8	32	1	0	0	—	6.2	33.5	35	17	0
CAIRO AREA	928	FAROUK(Airport)	00	8	28	4	0	0	—	7	32	28	11	0
	141	ALMÂZA												
		EZBEKÎYA	00	8	32	2	0	0	—	7.2	32.2	33	14	0
		GÎZA	00	8	32	2	0	0	—	7.2	32.3	28	11	0
	143	HELWÂN	00	7	28	2	0	0	—	6.3	31.6	28	11	0
UPPER EGYPT	153	FAIYÛM	00	8	32	4	0	0	—	6.4	31.8	24	09	0
		BENI SUEF	00	9	02	1	0	0	—	6.7	33.4	32	14	0
	162	MINYA	00	8	02	4	0	0	—	7	33	24	10	0
	155	ASYÛT	00	8	26	1	0	0	—	6.7	32.3	25	10	0
	164	NAG' HAMMÂDI	00	8	24	1	0	0	—	4.6	34.2	33	15	0
	156	QENA	00	9	26	3	0	0	—	3.2	38.4	11	02	0
	157	LUXOR	00	8	27	3	0	0	—	3				
	158	ASWÂN	00	9	26	1	0	0	—	4.4	38.0	12	04	0
OASES	148	SIWA	00	8	28	2	0	0	—	11.8	34.2	45	20	0
	149	BAHARÎYA	00	9	32	1	1	0	—	8.3	32.5	24	09	0
		FARAFRA												
	152	DAKHLA	00	9	32	3	0	0	—	8.5	34.8	10	—1	0
	151	KHARGA	00	7	02	2	0	0	—	6.6	34.0	15	04	0
RED SEA	144	SUEZ	00	8	32	3	0	0	—	6.7	31.8	32	13	0
	145	TÛR	00	8	28	5	0	0	—		29.0	67	22	0
	163	HURGHÂDA	00	9	02	5	00	0	—	4	28	62	20	0
	147	QUSEIR	00	8	32	3	0	0	—	4.0	29.0	74	24	0
	208	PORT SÛDÂN												0
NORTH SÛDÂN	165	WADI HALFA	00	8	32	3	0	0	—	4	39	11	03	0
	166	KAREIMA	46	3	02	1	4	8	—	2	40	14	08	0
	167	'ATBARA	05	4	22	1	3	9	—	2	41	18	12	0
	209	KHARTÛM												0
	170	KASSALA	01	8	16	2	1	5	6	5			16	0
CENTRAL SÛDÂN	171	WAD MEDANI	00	8	18	4	1	2	—	4	35	42	20	0
	182	RENK												0
	172	ROSEIRES	01	8	14	1	1	3	5	8	29	59	20	0
	174	EL OBEID												0
	175	EL FÂSHER												0
	179	GENEINA	02	7	26	3	1	10	8,4	—	33	38	17	0
S. SÛDÂN	176	MALAKÂL												0
	177	WÂU												0
	178	JUBA	02	8	30	1	1	10	8,4	11				0

At 1800 on 11th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	01	8	28	3	1	3	9	10.8	22.4	77	18	0
	160	MATRÛH	01	7	28	3	0	3		10	23	84	20	0
	134	EL DABA	00	5	00	0	0	0	—		23.5	74	18	0
	132	ALEXANDRIA	00	6	30	3	1	0	—	9.2	24.0	79	20	0
	150	FOUAD (Airport)	00	7	28	2	0	0	—	9.7	24	84	21	0
	159	DAMIETTA	00	8	28	4	0	0	—	7.9	24.1	83	21	0
	161	PORT SA'ÎD	00	7	30	3	0	0	—	8	25	74	20	0
	135	EL 'ARISH	00	9	30	3	0	0	—	7.8	24.2	85	21	0
LOWER EGYPT	136	DAMANHUR	00	7	32	2	0	0	—	9.1	22.6	68	17	0
	137	MANSURA	00	6	02	1	0	0	—	8.4	25.2	77	21	0
	138	TANTA	00	8	00	0	0	0	—	9.8	24.2	60	16	0
	139	ZAGAZIG	00	6	32	2	0	0	—	9.9	26.0	69	20	0
		SHIBÎN EL KÔM	00	7	30	2	0	0	—	8.8	25.7	62	18	0
		ISMAÎLÎA	00	7	32	2	0	0	—	7.4	27.0	51	16	0
CAIRO AREA	928	FAROUK(Airport)	00	7	32	4	0	0	—	8	28	33	10	0
	141	ALMÂZA												
		EZBEKÎYA	00	7	32	1	0	0	—	8.4	27.3	43	13	0
		GÎZA	00	7	32	1	0	0	—	8.3	27.3	40	12	0
	143	HELWÂN	00	7	30	4	0	0	—	7.1	28.8	37	13	0
UPPER EGYPT	153	FAIYÛM	00	8	30	2	0	0	—	7.2	28.4	37	12	0
		BENI SUEF	00	9	02	1	0	0	—	7.5	27.9	40	13	0
	162	MINYA	00	7	00	0	0	0	—	7	26	48	14	0
	155	ASYÛT	00	6	26	1	0	c	—	6.1	28.0	33	10	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	—	5.0	26.4	53	15	0
	156	QENA	00	6	24	2	0	0	—	4.3	30.6	32	13	0
	157	LUXOR												
	158	ASWÂN	00	9	00	0	0	0	—	4.4	34.7	12	02	0
OASES	148	SIWA	00	6	28	2	0	0	—	10.4	30.0	48	16	0
	149	BAHARÎYA	00	7	32	1	0	0	—	8.6	29.5	27	09	0
		FARAFRA												
	152	DAKHLA	00	8						7.6	31.8			
	151	KHARGA	00	7	00	0	0	0	—	6.4	30.4	14	0	0
RED SEA	144	SUEZ	00	6	32	4	0	0	—	6.7	27.9	55	18	0
	145	TÛR	00	8	28	3	0	0	—		29.0	64	22	0
	163	HURGHÂDA	00	8	26	2	0	0	—	4	27	58	18	0
	147	QUSEIR	00	8	32	2	0	0	—	4.3	30.3	40	15	0
	208	PORT SÛDÂN												0
NORTH SÛDÂN	165	WADI HALFA												0
	166	KAREIMA												0
	167	'ATBARA												0
	209	KHARTÛM												0
	170	KASSALA												0
CENTRAL SÛDÂN	171	WAD MEDANI												0
	182	RENK												0
	172	ROSEIRES												0
	174	EL OBEID												0
	175	EL FÂSHER												0
	179	GENEINA												0
S. SÛDÂN	176	MALAKÂL												0
	177	WÂU												0
	178	JUBA												0

At 0600 on Monday 12th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from norm.	MINIMUM Today	MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
			ww	V	DD	F	W		C	PPP		TT	TxTx		TnTn		UU				
MEDITERRANEAN	146	SIDI BARÂNI	00	9	28	2	0	0	—	10.7		23.0	26		17		78	19	0	171	—
	160	MATRÛH											27						0	—	—
	134	EL DABA	00	8	28	2	0	0	—			25.1	29		17		69	19	0	117	—
	132	ALEXANDRIA	01	9	32	3	1	5	N	9.4	-0.4	24.6	27	-2	22	0	77	20	0	209	186
	150	FOUAD (Airport)	00	7	26	2	0	0	—	9.2		26	28		22		74	21	0	213	138
	159	DAMIETTA	00	8	28	2	1	2	8	8.3	-0.6	26.3	28		19		80	22	0	85	106
	161	PORT SA'ÎD	01	7	24	2	1	8	6	9		24	28		23		79	20	0	56	—
	135	EL 'ARISH	00	9	22	3	0	0	—	8.6	-0.3	27.3	28	-2	20	0	66	20	0	—	94
LOWER EGYPT	136	DAMANHUR	00	6	28	3	0	0	—	9.4	+0.3	25.6	30	-2	18	-3	79	22	0	105	101
	137	MANSURA	01	8	32	1	1	3	N	9.1	0.0	26.0	33	-2	19	-1	78	22	0	73	55
	138	TANTA	00	8	24	1	0	0	—	10.0	+0.5	25.0	32	-3	16	-3	68	19	0	26	44
	139	ZAGAZIG	00	6	32	2	0	0	—	9.6	0.0	28.4	34	-1	18	-1	64	21	0	36	27
		SHIBÎN EL KÔM	00	7	28	2	0	0	—	10.0	+0.2	25.2	34		19		69	16	0	34	—
		ISMAÎLÎA	01	7	24	1	1	5	6	9.1		25.0	35		20		69	19	0	21	—
CAIRO AREA	928	FAROUK(Airport)	05	6	00	0	4	10	6	10		21	34		21		88	19	0	—	—
	141	ALMÂZA																	0	25	—
		EZBEKÎYA	05	6	02	1	2	9	6	9.8	+0.3	23.8	34	-2	20	-1	82	20	0	32	24
		GÎZA	05	6	02	1	2	9	6	9.8	+0.3	22.7	34	-1	17	-2	83	17	0	31	27
	143	HELWÂN	09	6	28	2	0	3	6	9.4	+0.1	22.0	33	-2	20	-1	77	18	0	19	29
UPPER EGYPT	153	FAIYÛM	00	8	02	3	0	0	—	9.5	+0.3	24.0	33	-4	19	-2	67	18	0	11	8
		BENI SUEF	00	9	02	1	0	0	—	9.4		23.7	34		18		56	18	0	11	—
	162	MINYA	00	7	01	3	0	0	—	9		24	34		17		61	16	0	12	—
	155	ASYÛT	00	7	22	1	0	0	—	8.7	+0.3	25.3	34	-3	19	-3	52	14	0	45	4
	164	NAG' HAMMÂDI	00	8	00	0	0	0	—	9.1	-0.3	27.6	34		20		54	18	0	0	—
	156	QENA	00	8	24	2	0	0	—	6.4	-0.4	27.0	40	-1	23	-1	42	13	0	5	—
	157	LUXOR	00	8	00	0	0	0	—	7		30			22		33	12	0	45	—
	158	ASWÂN	00	9	28	2	0	0	—	6.8	-0.4	28.8	39	-2	25	-1	18	02	0	45	—
OASES	148	SIWA	00	7	04	2	0	0	—	12.2	+0.2	21.4	36	-2	17	-4	90	19	0	23	8
	149	BAHARIYA	00	7	00	0	0	0	—	10.0	-0.1	26.0	34	-3	18	-2	48	14	0	18	7
		FARAFRA																		—	—
	152	DAKHLA	00	8	24	1	0	0	—	10.1	+1.0	25.3	35	-4	20	-3	23	03	0	45	—
	151	KHARGA	00	9	32	2	0	0	—	8.6	+0.7	27.4	36	-4	19	-4	32	09	0	0	—
RED SEA	144	SUEZ	00	8	00	0	0	0	—	8.4	-0.1	25.5	34	-2	21	-2	61	17	0	—	17
	145	TÛR	00	8	28	3	0	0	—			26.6	32	-2	24	0	76	22	0	0	13
	163	HURGHÂDA	00	9	30	5	0	0	—	6		27	28		22		58	18	0	1	3
	147	QUSEIR	00	8	32	3	0	0	—	5.4	-1.0	29.0	31	-3	25	-1	54	19	0	0	4
	208	PORT SÛDÂN																	0	291	98
NORTH SÛDÂN	165	WADI HALFA																	0	tr	—
	166	KAREIMA																	0	tr	5
	167	'ATBARA																	0	2	15
	209	KHARTÛM																	0	8	36
	170	KASSALA																	0	28	83
CENTRAL SÛDÂN	171	WAD MEDANI																	0	124	100
	182	RENK																			214
	172	ROSEIRES																	0	276	314
	174	EL OBEID																	0	191	164
	175	EL FÂSHER																	0	34	59
	179	GENEINA																			130
S. SÛDÂN	176	MALAKÂL																	0	336	388
	177	WÂU																	0	436	607
	178	JUBA																	0	469	652

HUMIDITY

Mean % of day

STATION	on 11th	Diff. from normal
Alexandria	73	-2
Ezbekîya	53	-5
Gîza	48	-10
Helwân	53	+6

GIZA GRASS MINIMUM TEMP ON 12 th 13.4 °C

Remarks

UPPER AIR OBSERVATIONS on 11th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT ON 11th AT 1536

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C
SURFACE	997	32	20
500	974	31	21
1000	956	30	20
1500	950	29	19
2000	900	25	17
3000	850	20	14
4000	800	20	8
5000	750	17	6
6000	700	14	2
7000	650	14	2
8000	600	9	-1
9000	550	6	-2
10000	500	2	-2
11000	450	-3	-4

FAROUK AIRPORT RAWINSONDE ON 12th AT 03h

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		21	90	330	6
1000	260	20	95	330	6
950					
900	3250	19	35	360	13
850	4920	18	—	20	14
800	6610	17	—	20	14
700	10380	12	—	360	10
600	14500	6	—	310	4
500	19320	-1	—	280	5
400					
300					
250					
200					
150					
100					

STATION				P.Said		Minya	
TIME				14	30	15	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200				330	19	360	22						
500				310	16	360	27						
1000				300	11	350	40						
1500				310	5	340	31						
2000				50	5	340	31						
3000				360	11	350	29						
4000				310	6								
5000				350	13								
6000				250	07								
7000													
8000													

STATION													
TIME													
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200													
500													
1000													
1500													
2000													
3000													
4000													
5000													
6000													
7000													
8000													

UPPER AIR OBSERVATIONS on

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÎD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME									3				7		3				6	30	5		5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200									350	8			340	12	10	33			290	6	340	46		
500									340	10			360	10	10	36			10	9	160	24	170	3
1000									360	11			350	13	10	49			340	22	330	19	310	12
1500									20	13			30	15	360	35					270	16	340	21
2000									30	12			40	14	360	16							360	12
3000									360	10			360	13									10	14
4000									340	01			60	02									30	16
5000													220	03									20	22
6000									280	04			200	02									10	8
7000													70	03									20	7
8000																								

STATION	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME			5		7																			
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			230	3																				
500			50	7	360	12																		
1000			360	13	350	16																		
1500			340	7	360	15																		
2000			340	10	100	5																		
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

LIBRARY 1949

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

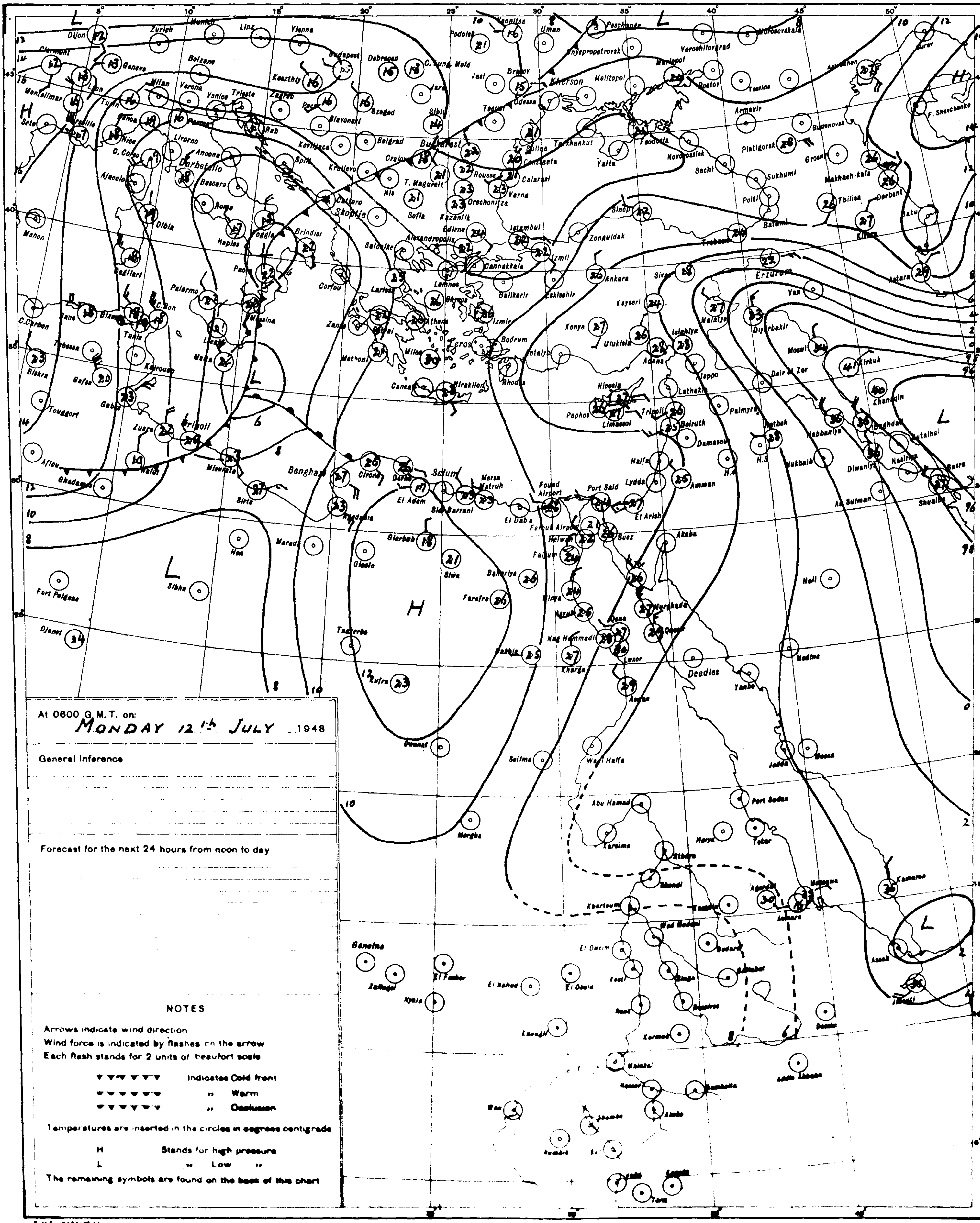
	K.P.H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: MONDAY 12th JULY 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼ Indicates Cold front
●●●●●● ,, Warm
▼●▼●▼● ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

SCALE 1 15,000,000

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

CAIRO
Time of Sunrise 03 03 G.M.T.
" " Sunset 16 58 G.M.T.

Date: TUESDAY 13 th JULY, 1948.

At 1200 on MONDAY 12 th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	00	9	28	3	0	0	-	10.8	26.3	69	20	0
	160	MATRÛH												
	134	EL DABA	00	8	28	3	0	0	-		27.4	55	17	0
	132	ALEXANDRIA	00	9	26	3	0	0	-	9.4	27.7	61	20	0
	150	FOUAD (Airport)	00	7	27	4	0	0	-	9.3	28	62	20	0
	159	DAMIETTA	00	8	28	4	1	0	-	8.2	28.0	70	22	0
	161	PORT SAÏD	00	7	31	3		8	-		28	66	21	0
	135	EL 'ARISH	00	9	30	4	0	0	-	8.0	28.3	74	23	0
LOWER EGYPT	136	DAMANHUR	00	7	24	4	0	0	-	8.8	31.0	42	17	0
	137	MANSURA	00	8	28	2	1	0	-	8.2	33.8	49	22	0
	138	TANTA	00	8	28	2	0	0	-	8.4	33.5	53	15	0
	139	ZAGAZIG	00	6	32	2	0	0	-	7.5	33.2	45	19	0
		SHIBÎN EL KÔM	00	8	30	3	0	0	-	8.5	33.4	22	8?	0
		ISMAÏLÍA	00	8	28	1	0	0	-	7.4	35.4	32	16	0
CAIRO AREA	928	FAROUK (Airport)	00	7	02	3	0	0	-	8	33	24	10	0
	141	ALMÂZA	00	8	32	2	0	0	-	7.9	33.5	29	12	0
		EZBEKÍYA	00	8	04	1	0	0	-	8.3	32.8	35	15	0
		GÎZA	00	8	04	1	0	0	-	8.6	34.0	31	14	0
	143	HELWÂN	00	7	36	3	0	0	-	7.6	32.7	29	12	0
UPPER EGYPT	153	FAIYÛM	00	8	32	1	0	0	-	7.8	32.6	22	9	0
		BENI SUEF	00	9	02	1	0	0	-	7.8	34.7	28	13	0
	162	MINYA	00	8	01	4	0	0	-	8	35	16	6	0
	155	ASYÛT	00	8	26	1	0	0	-	7.5	34.2	13	2	0
	164	NAG' HAMMÂDI	00	8	24	1	0	0	-	5.9	34.2	31	15	0
	156	QENA	00	9	22	2	0	0	-	4.4	39.4	16	9	0
	157	LUXOR	00	8	29	2	0	0	-	5	38	14	6	0
	158	ASWÂN	00	9	32	1	0	0	-	5.1	37.0	8	-2	0
OASES	148	SIWA	00	8	22	2	0	0	-	11.0	34.0	42	19	0
	149	BAHARÍYA	00	8	32	1	0	0	-	9.0	33.2	20	8	0
		FARAFRA												
	152	DAKHLA	00	9	32	2	0	0	-	8.0	34.4	12	0	0
	151	KHARGA	00	9	31	3	0	0	-	7.1	35.7	10	-1	0
RED SEA	144	SUEZ	00	8	32	2	0	0	-	7.8	33.4	27	12	0
	145	TOR	00	8	28	4	0	0	-		29.0	71	23	0
	163	HURGHÂDA	00	8	01	4	0	0	-	5	28	62	20	0
	147	QUSEIR	00	8	06	2	0	0	-	5.9	28.4	72	22	0
	208	PORT SÛDÂN												
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÛDÂN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S SÛDÂN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 1800 on 12 th

PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
ww	V	DD	F	W		C	PPP	TT	UU		
00	8	02	1	0	0	-	11.1	22.3	88	19	0
00	7	27	2	0	0	-	11	23		20	0
00	5	28	1	0	0	-	11.1	23.8	81	20	0
00	7	22	3	0	0	-	10.2	24.1	75	20	0
00	7	28	1	0	0	-	9.1	24	89	22	0
00	7	28	2	0	0	-	8.3	24.8	92	24	0
00	7	29	3	0	0	-	8	24	79	22	0
00	9	24	3	0	0	-	8.2	24	91	22	0
00	7	24	2	0	0	-	9.2	24.0	72	19	0
00	6	28	2	0	0	-	9.0	26.0	84	23	0
00	8	00	0	0	0	-	9.5	25.0	68	19	0
00	6	32	2	0	0	-	9.6	26.5	66	19	0
00	7	30	2	0	0	-	9.1	24.8	62	17	0
00	8	32	2	0	0	-	9.1	23.5	67	19	0
00	7	02	4	0	0	-	9	29	49	16	0
00	7	31	3	0	0	-	8.4	30.3	33	15	0
00	7	32	1	0	0	-	8.7	29.0	46	15	0
00	7	32	1	0	0	-	9.0	28.8	42	15	0
00	7	30	3	0	0	-	8.0	30.8	35	14	0
00	8	00	0	0	0	-	7.2	29.1	37	13	0
00	9	02	1	0	0	-	7.9	27.2	43	13	0
00	7	01	2	0	0	-	8	25	51	14	0
00	4	28	1	0	0	-	8.2	30.2	20	5	0
00	8	00	0	0	0	-	6.4	29.6	30	10	0
00	6	22	3	0	0	-	5.5	30.8	25	9	0
00	7	22	1	0	0	-	6	32	20	6	0
00	6	00	0	0	0	-	11.5	28.4	58	19	0
00	7	00	0	0	0	-	9.2	30.0	23	6	0
00	7	32	1	0	0	-	8.0	27.0	14	-3	0
00	8	32	1	0	0	-	9.3	26.0	21	2	0
00	7	00	0	0	0	-	7.6	30.3	16	1	0
00	6	32	3	0	0	-	6.6	28.6	56	19	0
00	8	28	1	0	0	-		27.5	70	21	0
00	8	29	2	0	0	-	6	28	62	20	0
00	8	32	1	0	0	-	5.5	29.8	52	19	0

At 0600 on TUESDAY 13 th

PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. MAXIMUM Yesterday	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
ww	V	DD	F	W		C	PPP		TT	T_x		T_n		UU				
00	9	20	2	0	0	-	11.2		26.9	27		15		41	13	0	171	
00	7	26	3	0	0	-	11		26	29		17		42	12	0		
00	8	28	1	0	0	-	11.6		25.2	29		17		44	12	0	117	
00	9	24	3	0	0	-	10.2	+0.4	26.0	28	-1	23	+1	72	21	0	209	186
00	7	25	2	0	0	-	9.8		28	28		23		62	20	0	213	138
00	8	20	3	0	0	-	9.7	-0.1	26.9	30		20		77	23	0	85	106
00	7	26	3	0	1	6	8		26	30		25		79	22	0	56	
00	9	18	3	0	0	-	8.4	-0.4	27.7	29	-1	21	+1	71	21	0		94
00	7	24	4	0	0	-	9.5	+0.4	27.0	31	-2	20	0	69	21	0	105	101
00	8	24	2	0	0	-	9.4	+0.4	26.0	35	0	20	0	78	22	0	73	55
00	8	20	1	0	0	-	10.2	+0.8	26.4	34	-1	17	-2	73	19	0	26	44
00	6	24	2	0	0	-	8.6	-1.0	27.8	36	+1	19	0	71	22	0	36	27
00	7	28	2	0	0	-	9.1	-0.4	25.6	35		20		68	17	0	34	
00	7	24	1	0	0	-	9.0		26.5	36		21		72	20	0	21	
00	7	28	4	0	0	-	9		25			21		61	17	0		
00	7	29	1	1	1	8	9.3	-0.1	24.4	35		21		80	20	0	25	
00	7	32	3	0	0	-	9.8	+0.4	26.0	35	-1	21	0	72	20	0	32	26
00	7	32	3	0	0	-	10.2	+0.7	26.0	36	+1	19	0	70	20	0	31	27
00	7	28	2	2	1	1	9.9	+0.7	23.0	35	0	21	0	79	19	0	19	29
00	8	30	2	0	0	-	9.9	+0.7	25.5	35	-2	21	0	71	20	0	11	8
00	9	02	1	0	0	-	9.6		27.1	35		19		66	20	0	11	
00	7	01	2	0	0	-	10		26	35		18		62	18	0	12	
00	7	22	1	0	0	-	9.4	+1.0	27.1	36	-1	21	-2	50	15	0	dr	4
00	8	00	0	0	0	-	7.8	+0.4	27.2	34		22		50	15	0	0	
00	8	22	3	0	0	-	7.0	+0.3	29.2	41	0	24	0	35	12	0	5	
00	8	22	2	0	0	-	7		31	39		23		31	12	0	dr	
00	9	32	1	0	0	-	7.5	+0.3	30.7	40	-1	26	0	14	1	0	dr	
00	7	00	0	0	0	-	12.3	+0.3	27.2	38	0	16	-5	52	16	0	23	8
00	7	00	0	0	0	-	10.7	+0.7	26	35	-2	18	-2	42	12	0	18	7
00	7	28	1	0	0	-	11.8		25.3	37		17		28	5	0		
00	8	28	1	0	0	-	9.6	+0.6	27.3	37	-2	19	-4	14	-1	0	dr	
00	9	00	0	0	0	-	9.4	+1.5	26.2	37	-3	19	-4	29	6	0	0	
00	8	12?	3	0	0	-	8.3	-0.1	25.2	36	0	22	-1	70	19	0		17
00	9	28	1	0	0	-			28.2	30	-4			69	22	0	0	13
00	7	30	4	0	0	-	6		28	29		25		82	20	0	1	3
00	8	32	2	0	0	-	5.9	-0.4	30.2	31	-3	26	0	47	17	0	0	4
00	8	30	2	1	2	2	4		34			27		32	15	0	29.1	98
00	8	02	1	0	0	-	8		28					13	-3	0	6	
00	8	32	3	0	0	-	7		33			26		12	0	0	6	5
05	5	22	2	1	0	-	7		31			27		43	17	0	2	14
01	7	20	1	0	5	2	8		31			27		22	7	0	8	38
																0	28	86
00	9	28	1	0	1	1	10		26					79	22	1	125	104
																0		218
																0	276	320
01	7	24	1	1	5				27			22		62	19	0	191	107
00	8	10	0	0	0	-			25			23		65	18	0	34	62
02	8	20	2	1	10	5			23			21		84	20	0		135
																0	336	393
																2	438	413
																0	469	656

HUMIDITY

Mean of day

STATION	on 12 th	Diff. from normal
Alexandria	74	-1
Ezbekîya	61	+2
Giza	59	+1
Helwân	53	+6

GIZA GRASS MINIMUM TEMP. ON 13 th 15.0c

Remarks

UPPER AIR OBSERVATIONS on 12 th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT — ON 13 th AT 03

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C
SURFACE	969	36	22
500	951	34	21
1000	950	34	21
1500	900	29	18
2000	850	27	14
3000	800	22	12
4000	750	17	8
5000	700	12	6
6000	650	12	2
7000	600	7	-1
8000	550	4	-1
9000	500	2	0
10000	450	-2	-3

FAROUK AIRPORT RAWINSONDE — ON 13 th AT 03

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE	260	21	95	250	5
1000	3290	26	25	360	15
950	4920	21	25	10	20
900	6620	17	35	20	20
850	10310	-	-	40	13
800	14500	7		330	4
700	19340	-1		80	6
600	30950	-24		360	7
500					
400					
300					
250					
200					
150					
100					

STATION	MINYA		FOUD.A.P		PORT-SAID	
TIME	15		15		14	15
HEIGHT m.	DD	VV	DD	VV	DD	VV
200	360	20	330	28	330	24
500	360	18	340	26	290	21
1000	340	17	320	23	290	13
1500	330	19	320	18	360	15
2000	330	30	340	10	60	10
3000						
4000						
5000						
6000						
7000						
8000						

UPPER AIR OBSERVATIONS on

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME							3	15	3				6	30	3				5	30	5		5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200							290	12	330	7			310	9	10	26			300	4	340	8		
500							330	10	350	13			350	10	33	19			300	4	340	22		
1000							350	17	360	16			10	26	32	16			300	4	330	22	350	3
1500							10	23	10	17			10	30	40	13							340	16
2000									20	17					50	13							360	20
3000									30	14													360	19
4000									200	05													30	16
5000																							360	10
6000									80	07													20	10
7000																								
8000																								

STATION	BAHARÍYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME					5																			
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200					360	7																		
500					360	15																		
1000					350	16																		
1500					350	16																		
2000					330	5																		
3000					60	13																		
4000					30	21																		
5000																								
6000																								
7000																								
8000																								

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

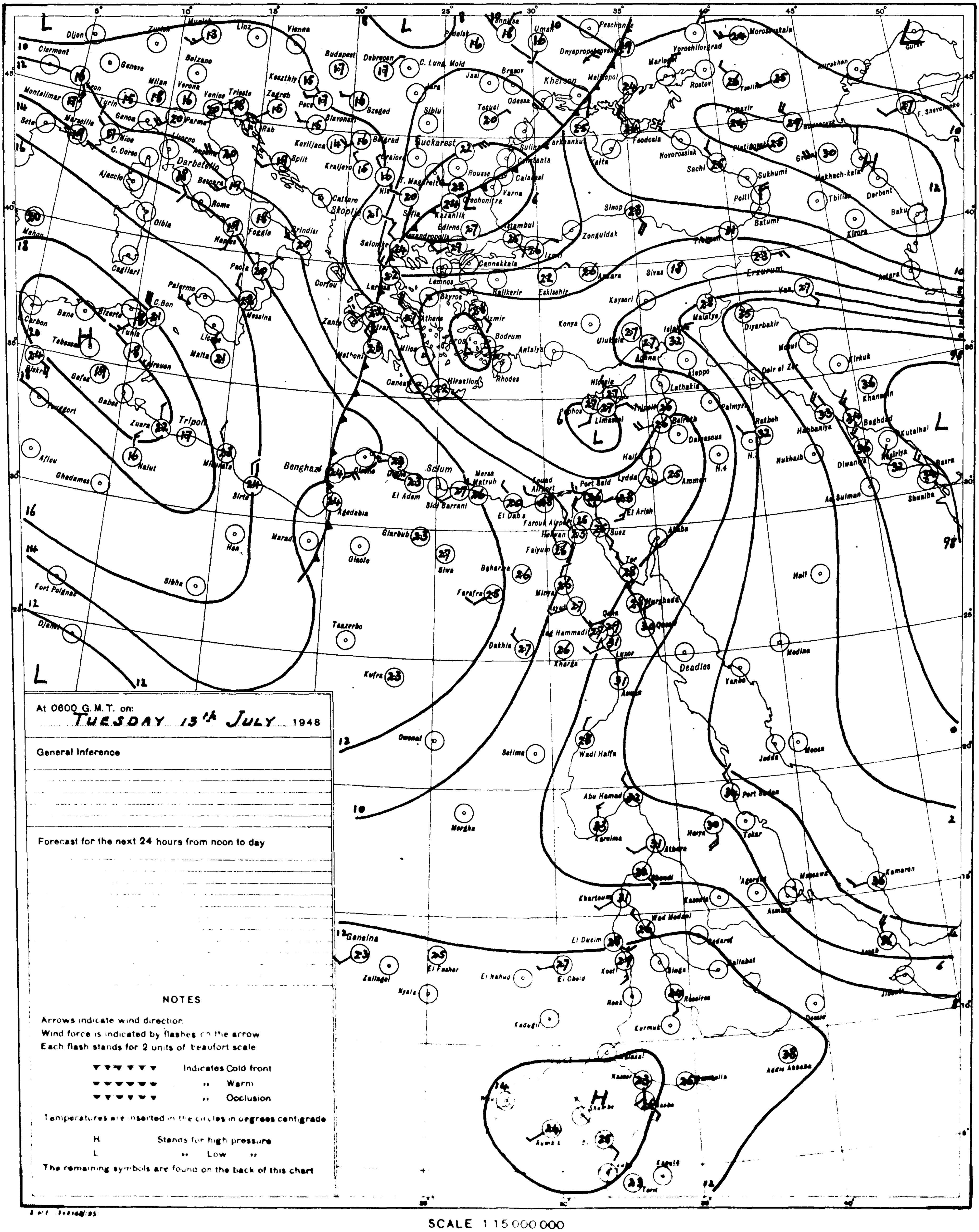
Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

LIBRARY FEB 1 1949

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
TUESDAY 13th JULY 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼	Indicates	Cold front
▼▼▼▼▼▼	,,	Warm
▼▼▼▼▼▼	,,	Occlusion

Temperatures are inserted in the circles in degrees centigrade

H	Stands for high pressure
L	,, Low ,,

The remaining symbols are found on the back of this chart

CAIRO
Time of Sunrise 03 03 G.M.T.
" " Sunset 16 58 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: WEDNESDAY 14th JULY, 1948.

At 1200 on TUESDAY 13th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	00	9	26	4	0	0	-	10.4	27	58	18	0
	160	MATRÛH												
	134	EL DABA		8	28	3				28.9				
	132	ALEXANDRIA	00	9	24	3	0	0	-	8.8	28.2	69	22	0
	150	FOUAD (Airport)	00	7	26	4	0	0	-	8.2	30	55	20	0
	159	DAMIETTA	00	8	28	3	0	0	-	7.5	30.0	65	23	0
	161	PORT SAÏD	00	8	29	4	0	0	-	7	30	59	21	0
	135	EL ARISH	00	9	28	4	0	0	-	7.2	29.6	77	26	0
LOWER EGYPT	136	DAMANHUR	00	7	28	4	0	0	-	8.3	35.6	32	16	0
	137	MANSURA	00	8	28	2	0	0	-	7.0	36.8	50	25	0
	138	TANTA	00	8	28	4	0	0	-	8.4	36.0	46	23	0
	139	ZAGAZIG	00	6	24	3	0	0	-	7.8	36.8	39	21	0
		SHIBÎN EL KÔM	00	8	30	4	0	0	-	8.1	34.4	24	11	0
		ISMAÏLÍA	00	7	28	1	0	0	-	6.3	32.6	17	9	0
CAIRO AREA	928	FAROUK (Airport)	00	7	32	4	0	0	-	7	37	18	9	0
	141	ALMÂZA	00	8	28	3	0	0	-	7.0	36.8	25	14	0
		EZBEKÎYA	00	8	30	3	0	0	-	7.5	36.7	24	13	0
		GÎZA	00	8	30	3	0	0	-	7.5	37.5	18	10	0
	143	HELWÂN	00	7	28	5	0	0	-	6.7	36.5	16	6	0
UPPER EGYPT	153	FAIYÛM	00	8	30	1	0	0	-	6.8	36.6	16	7	0
		BENI SUEF	00	9	02	1	0	0	-	6.7	37.6	22	13	0
	162	MINYA	00	8	01	4	0	0	-	7	35	22	10	0
	155	ASYÛT	00	8	26	1	0	0	-	7.2	35.6	22	11	0
	164	NAG' HAMMÂDI	00	8	24	1	0	0	-	5.5	36.0	23	12	0
	156	QENA	00	9	26	3	0	0	-	3.9	40.4	16	10	0
	157	LUXOR	00	8	28	4	0	0	-	4	39	12	5	0
	158	ASWÂN	00	9	32	2	0	0	-	4.3	40.0	4	-9	0
OASES	148	SIWA	00	8	28	4	0	0	-	11.8	37.8	40	22	0
	149	BAHARÎYA	00	8	32	1	0	0	-	8.3	37.0	14	6	0
		FARAFRA	00	8	20	2	0	0	-		36.3	16	6	0
	152	DAKHLA	00	9	28	3	0	0	-	8.1	36.8	7	-5	0
	151	KHARGA	00	9	30	2	0	0	-	6.6	36.9	10	-1	0
RED SEA	144	SUEZ	00	8	02	4	0	0	-	5.1	37.0	19	10	0
	145	TOR	00	8	28	3	0	0	-					0
	163	HURGHÂDA	00	9	01	4	0	0	-	4	30	65	20	0
	147	QUSEIR	00	8	32	2	0	0	-	5.0	33.0	44	19	0
	208	PORT SÛDÂN	01	9	06	3	1	5	4,3	1	27	37	19	0
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA												
	167	ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÛDÂN	171	WAD MEDANI	01	8	18	3	0	3	8	5	36	40	20	0
	182	RENK	00	9	20	2	1	5	1					0
	172	ROSEIRES	00	8	24	1	0	0	-	7	31	55	21	0
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA	01	8	24	3	1	7	8,4	10	32	38	16	0
S. SÛDÂN	176	MALAKÂL												
	177	WÂU												
	178	JUBA	01	8	00	0	1	5	8	8	32	46	19	0
			61	8	24	3	1	8	9.6	10	32	49	20	0

At 1800 on 13th

PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
ww	V	DD	F	W		C	PPP	TT	UU		
00	8	26	4	0	0	-	11.9	23.4	88	21	0
00	5	00	0	0	0	—		23.6	91	22	0
00	6	32	2	0	0	-	8.8	24.0	65	19	0
00	7	28	3	0	0	-	8.0	26	70	20	0
00	8	28	4	0	0	-	7.6	26.4	75	21	0
00	7	25	4	0	0	-	6	27	61	20	0
01	9	26	3	1	6	8	6.3	25.7	93	25	0
00	6	32	2	0	0	-	8.6	25.2	77	21	0
00	6	32	2	0	0	-	7.9	27.4	83	24	0
00	8	00	0	0	0	-	9.1	25.6	64	18	0
00	6	24	2	0	0	-	8.8	29.0	58	20	0
00	7	28	2	0	0	-	8.6	26.1	58	17	0
00	7	30	1	0	0	-	7.9	31.5	39	16	0
00	7	28	2	0	0	-		31	28	10	0
00	7	28	1	0	0	-	7.6	31.0	34	14	0
00	7	00	0	0	0	-	8.0	29.3	39	14	0
00	7	00	0	0	0	-	8.6	29.6	35	13	0
00	7	30	4	0	0	-	7.4	31.8	24	9	0
00	8	30	1	0	0	-	7.2	31.2	29	11	0
00	9	02	1	0	0	-	7.2	30.3	29	10	0
00	7	32	2	0	0	-	7	28	42	14	0
00	6	22	1	0	0	-	7.0	30.0	30	11	0
00	8	00	0	0	0	-	4.7	28.7	46	16	0
00	6	22	2	0	0	-	4.3	31.6	30	12	0
00	7	22	1	0	0	-	4	33	17	5	0
00	9	32	2	0	0	-	5.0	36.5	16	6	0
00	6	04	2	0	0	-	10.8	35.0	47	22	0
00	7	32	1	0	0	-	8.2	33.0	16	4	0
00	7	28	1	0	0	-		30.0	11	-3	0
00	8	28	1	0	0	-	8.0	32.0	16	3	0
00	7	00	0	0	0	-	6.6	31.7	16	3	0
00	5	26	2	0	0	-	5.9	31.4	26	9	0
00	8	28	3	0	0	-		31.5			0
00	9	30	4	0	0	-	4	31	43	17	0
00	8	32	1	0	0	-	4.8	31.0	49	19	0

At 0600 on WEDNESDAY 14th

PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. MAXIMUM Yesterday	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
ww	V	DD	F	W		C	PPP		TT	T_xT_x		T_nT_n		UU				
14	9	26	5	1	5	8	10.7		23.3	29		22		71	17	0	171	
01	7	28	5	0	5	6	10		25			21		74	20	0		
03	7	28	3	2	10	8			25.1	29		22		71	19	0	117	
01	8	28	4	1	5	5	7.6	-2.1	25.0	28	-1	23	0	80	21	0	209	186
00	7	26	3	0	0	-	7.0		26	30		24		74	21	0	213	138
00	6	24	4	0	0	-	6.8	-3.0	27.0	32		22		84	24	0	85	106
00	7	25	4	0	0	-	6		26	32		24		79	22	0	56	
00	9	24	4	0	0	-	5.6	-3.3	28.9	30	0	22	+2	61	21	0		94
01	6	28	5	1	5	3	7.5	-1.5	27.3	34	+3	22	+2	75	22	0	105	101
01	8	24	2	1	3	4	6.6	-2.3	27.5	37	+2	21	+1	80	23	0	73	55
00	8	24	2	0	0	-	7.8	-1.6	27.2	37	+3	18	-1	68	21	0	26	44
00	6	32	3	0	0	-	7.5	-2.0	30.4	38	+3	20	+1	67	23	0	36	27
01	7	28	2	1	5	8	8.7	-0.9	25.9	38		21		63	16	0	34	
00	7	22	2	0	0	-			26.5	39		22		69	20	0	21	
01	7	24	3	1	3	6	8		28	39		22			19	0		
01	7	26	3	1	3	6	7.7		25.4	39		22		78	21	0	25	
00	7	26	2	0	0	-	8.2	-1.2	25.6	38	+2	23	+1	75	21	0	32	26
00	7	26	2	0	0	-	8.6	-0.8	26.8	39	+4	21	+2	66	20	0	31	27
01	6	28	2	1	5	8	7.9	-1.3	24.2	37	+2	22	+1	80	20	0	19	29
00	8	32	3	0	0	-	7.9	-1.2	27.0	38	+1	22	+1	57	18	0	11	8
00	9	02	1	0	0	-	7.5		29.2	39		19		51	18	0	11	
00	7	32	2	0	0	-	8		27	38		17		42	13	0	12	
00	7	30	1	0	0	-	7.6	-0.8	27.5	38	+1	21	-2	41	13	0	tr	4
00	8	00	0	0	0	-	5.0	-2.3	29.7	36		20		42	16	0	0	
00	8	24	2	0	0	-	4.3	-2.5	33.0	42	+1	24	0	32	14	0	5	
00	8	00	0	0	0	-	4		32	40		22		24	9	0	tr	
00	9	32	2	0	0	-	5.1	-2.1	31.7	42	+1	27	+1	13	0	0	tr	
00	7	26	2	0	0	-	11.9	0.6	24.7	41	+3	21	0	82	22	0	23	8
00	7	32	1	0	0	-	9.5	-0.5	27.0	38	+1	20	0	37	11	0	18	7
00	7	16	1	0	0	-	10.7		27.4	38		22		31	8	0		
00	8	28	2	0	0	-	7.7	-1.2	30.3	37	-2	19	-4	16	1	0	tr	
00	9	32	3	0	0	-	6.7	-1.2	27.2	39	-1	18	-5	31	8	0	0	
00	8	32	2	0	0	-	6.7	-1.7	29.4	40	+4	21	-2	47	16	0		17
00	9	28	5	0	0	-			30.0			26	+2	62	19	0	0	13
00	9	21	4	0	0	-	4		28	31		23		56	18	0	1	3
00	8	32	2	0	0	-	3.6	-2.7	31.0	34	0	26	0	42	17	0	0	4
00	8	30	1	0	0	-						28				0	291	99
00	8	00	0	1	1	0	6		28			23		14	-2	0	tr	
00	8	30	3	0	0	-	5		31			26		16	-2	0	tr	6
00	8	28	2	0	0	-	3		33			27		14	2	0	2	17
01	8	28	1	1	5	2	5		32			27		17	4	0	8	40
00	8	20	3	1	1	1	7		30			19		49	18	0	28	89
02	9	18	4	1	8	3	7		29					59	20	0	125	108
02	9	20	3	3	10	4	11		24					61	16	0	276	327
																0	191	114
00	8	22	3	1	0	-	8		27			23		66	20	0	34	65
																0		140
02	8	20	1	1	8	4	9		27			23		74	22	0	336	399
																0	438	618
02	7	20	1	1	10	6,5	13		23			22		89	21	0	469	659

HUMIDITY

Mean of day

STATION	on 13th	Diff. from normal
Alexandria	67	-8
Ezbekîya	52	-7
Giza	49	-10
Helwân	49	+2

GIZA GRASS MINIMUM TEMP ON 14th 16.9°C

Remarks

UPPER AIR OBSERVATIONS on .....

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT

ON ..... AT .....

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C	WIND DD	WIND VV
SURFACE					
500					
1000					
1500					
2000					
4000					
6000					
8000					
10000					
12000					
14000					
16000					
18000					
20000					

FAROUK AIRPORT RAWINSONDE

ON 14th AT 04

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		22	91	270	9
1000	230	22	95	270	9
950					
900					
850	3240	24	35	340	21
800	4880	23	25	350	24
700	6590	19	25	340	24
600	10290	10	35	10	28
500	14460	6	-	40	10
400	19290	0	-	20	13
300					
250	32440	-24	-	10	30
200					
150					
100					

STATION	FOUADAR		P SAÏD		MINYA	
TIME	15		14 30		15	
HEIGHT m.	DD	VV	DD	VV	DD	VV
200	320	18	300	24	350	28
500	340	20	320	36	350	31
1000	340	13	320	42	360	29
1500	10	16	340	10	360	29
2000	10	17			160	15
3000						
4000						
5000						
6000						
7000						
8000						

STATION						
TIME						
HEIGHT m.	DD	VV	DD	VV	DD	VV
200						
500						
1000						
1500						
2000						
3000						
4000						
5000						
6000						
7000						
8000						

UPPER AIR OBSERVATIONS on .....

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SÎDI BARÂNI		MATRÛH		POUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			4	30			3	45	3						3				6		5		5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			310	21			310	21	310	12					10	16			340	8	360	5	10	18
500			320	23			300	25	330	10					10	31			340	12	360	23	20	15
1000			320	20			310	27	340	17					10	40			350	26	360	19	20	10
1500									350	21					10	50			60	6	320	14	350	13
2000									340	19					360	62					260	14	330	17
3000									260	25											230	30	360	23
4000									40	18													350	23
5000																								
6000									20	11														
7000																								
8000																								

STATION	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME					5														3	30				
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200					10	16																		
500					360	23													240	16				
1000					350	26													250	21				
1500					20	15													330	8				
2000					20	11													10	14				
3000																			30	16				
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

LIBRARY

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on:

WEDNESDAY 14th JULY 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction

Wind force is indicated by flashes on the arrow

Each flash stands for 2 units of Beaufort scale

Indicates Cold front

" Warm

" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure

L " Low "

The remaining symbols are found on the back of this chart

SCALE 1 15,000,000

Form 91

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

CAIRO
Time of Sunrise 03 04 G.M.T.
" " Sunset 18 58 G.M.T.

DAILY WEATHER REPORT

Date: THURSDAY 15 th JULY, 1948.

At 1200 on WEDNESDAY 14th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	18	8	26	5	3	8	8	10.2	25.4	65	18	0
	160	MATRÛH												
	134	EL DABA	00	7	28	5	0	6	8		25.3	71	19	0
	132	ALEXANDRIA	02	8	28	5	2	8	8	9.0	26.0	69	20	0
	150	FOUAD (Airport)	00	7	27	4	0	2	6	7.6	28		22	-
	159	DAMIETTA	14	6	28	5	0	0	-	5.8	27.8	78	24	0
	161	PORT SAÏD	05	6	29	5	0	0	-	5	29	66	22	0
	135	EL ARISH	01	9	28	4	1	5	8	5.1	29.9	51	19	0
LOWER EGYPT	136	DAMANHUR	00	7	24	4	0	0	-	7.2	34.4	40	18	0
	137	MANŞURA	00	8	28	2	1	0	-	7.2	33.5			0
	138	TANTA	00	8	24	4	0	0	-	7.0	32.0	49	20	0
	139	ZAGAZIG	00	6	30	3	0	0	-	6.4	35.2	50	23	0
		SHIBÎN EL KÔM	00	8	28	3	0	0	-	6.7	34.9	27	13	0
		ISMAÏLÍA	00	7	28	3	0	0	-	5.1	36.5	31	17	0
CAIRO AREA	928	FAROUK (Airport)	00	7	30	4	0	0	-	6	36		12	0
	141	ALMÂZA	00	8	28	3	0	0	-	5.6	36.0	33	17	0
		EZBEKÎYA	00	8	26	4	0	0	-	5.9	36.1	30	16	0
		GÎZA	00	8	26	4	0	0	-	6.4	36.8	31	17	0
	143	HELWÂN	00	7	26	5	0	0	-	5.4	35.7	26	13	0
UPPER EGYPT	153	FAIYÛM	00	8	30	3	0	0	-	6.4	36.0	29	15	0
		BENI SUEF	00	9	02	1	0	0	-	5.6	36.9	42	22	0
	162	MINYA	00	8	01	4	0	0	-	5	38	16	8	0
	155	ASYÛT	00	8	26	2	0	0	-	3.9	37.6	14	6	0
	164	NAG' HAMMÂDI	00	8	24	1	0	0	-	3.3	38.0	22	13	0
	156	QENA	00	9	24	2	0	0	-	1.2	42.8	11	5	0
	157	LUXOR	00	8	28	4	0	0	-	1	42	9	3	0
	158	ASWÂN	00	9	32	2	0	0	-	1.1	41.5	7	0	0
OASES	146	SIWA	00	8	26	5	0	0	-	11.1	36.4	17	7	0
	149	BAHARÎYA	00	9	28	1	0	0	-	7.4	38.0	19	1	0
		FARAFRA												
	152	DAKHLA	00	9	28	3	0	0	-	6.4	37.6	6	-5	0
	151	KHARGA	00	9	32	2	0	0	-	4.2	39.3	6	-5	0
RED SEA	144	SUEZ	00	8	32	2	0	0	-	3.9	38.4	21	12	0
	145	TÛR	00	8	28	3	0	0	-		34.2	27	12	0
	163	HURGHÂDA	00	9	32	4	0	0	-	3	31	22	20	0
	147	QUSEIR	00	8	33	2	0	0	-	3.0	32.6	55	23	0
	208	PORT SUDAN	00	8	10	4	0	2	H.I	99	36	40	20	0
NORTH SÛDÂN	165	WADI HALFA	00	7	20	4	0	0	-	2	42	06	-2	0
	166	KAREIMA	00	8	30	4	0	0	-	2	42	09	3	0
	167	ATBARA												
	209	KHARTÛM	00	8	20	2	1	2	4	1	41	7	-2	0
	170	KASSALA												
CENTRAL SÛDÂN	171	WAD MEDANI	00	8	24	4	1	2	8	0	39	23	14	0
	182	RENK	01	9	20	3	1	7	1	9	33	11	26	0
	172	ROSEIRES	00	8	14	2	2	2	5	4	30	59	21	0
	174	EL OBEID	00	8	00	0	1	1	8	3	35	35	17	0
	175	EL FÂSHER	00	8	24	2	0	1	8		38	18	10	0
	179	GENEINA	01	8	28	2	0	5	8,4		33	38	17	0
S. SÛDÂN	176	MALAKÂL	95	7	00	0	9	10	6	12	21	94	20	0
	177	WÂU	02	8	18	3	1	9	8,4	9	22	94	21	0
	178	JUBA												

At 1800 on 14 th

PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
ww	V	DD	F	W		C	PPP	TT	UU		
14	9	26	5	2	9	9	9.6	23.3	86	20	0
00	7	29	5	1	1	1	9	23	89	21	0
00	7	28	3	0	4	8		23.3	83	20	0
00	6	28	3	0	0	-	7.1	24.2	85	21	0
00	7	26	1	0	0	-	6.7	24	89	22	0
00	8	28	4	0	0	-	5.9	25.0	87	23	0
00	7	28	4	0	0	-	5	26	74	21	0
00	9	26	4	0	0	-	5.4	25.6	93	25	0
00	7	24	8	0	0	-	7.8	24.4	72	19	0
00	6	32	2	0	0	-	6.7	25.6	81	22	0
00	8	00	0	0	0	-	6.2	24.6	79	21	0
00	6	32	2	0	0	-	5.4	24.4	73	21	0
00	7	28	2	0	0	-	6.4	25.3	66	17	0
00	7	32	2	0	0	-	5.8	28.0	57	19	0
00	8	32	4	0	0	-	6	29		17	0
00	7	32	3	0	0	-	6.0	29.4	52	18	0
00	7	32	1	0	0	-	6.2	28.4	51	17	0
00	7	32	1	0	0	-	6.6	28.0	51	17	0
00	7	30	4	0	0	-	5.9	29.0	46	16	0
00	8	30	2	0	0	-	5.5	28.7	48	17	0
00	9	02	1	0	0	-	5.6	30.0	37	14	0
00	7	01	3	0	0	-	5	30	35	13	0
00	6	26	1	0	0	-	5.0	33.0	19	6	0
00	8	00	0	0	0	-	2.4	36.8	34	13	0
00	6	26	3	0	0	-	2.8	36.0	19	9	0
00	7	26	3	0	0	-	1	36	17	7	0
00	9	00	0	0	0	-	1.6	37.0	11	2	0
00	6	26	2	0	0	-	9.8	32.8	26	11	0
00	7	28	1	0	0	-	7.1	33.3	25	11	0
00	8	28	1	0	0	-		33.7	15	4	0
00	7	00	0	0	0	-	4.0	34.7	11	0	0
00	5	32	2	0	0	-	5.0	28.6	56	19	0
00	8	28	5	0	0	-		37.2	14	06	0
00	8	29	4	0	0	-	1	32	28	16	0
00	8	30	2	0	0	-	1.4	33.0	38	17	0

At 0600 on THURSDAY 15th

PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from norm.	MINIMUM Today	MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1	STATION	AREA
ww	V	DD	F	W		C	PPP		TT	T_xT_x		T_nT_n		UU						
14	8	24	5	2	8	8	11.8		24.3	26		21		76	19	0	1.71		SÎDI BARÂNI	MEDITERRANEAN
01	8	29	5	0	5	6	7		25	28		21		84	22	0		161	MATRÛH	
01	7	26	4	1	5	6			24.3	27		20		80	20	0	1.17		EL DABA'	
01	8	24	5	1	3	4	5.1	-4.6	25.0	27	-2	23	0	82	22	0	209	186	ALEXANDRIA	
01	7	24	3	1	5	6	4.7		26	28		24		79	22	0	213	138	FOUAD (Airport)	
00	8	26	3	1	6	8	5.1	-3.6	26.0	29		20		80	22	0	85	106	DAMIETTA	
05	6	22	2	0	0	-	5		25	32		23		79	21	0	56	81	PORT SAÏD	
01	9	18	3	1	5	8	5.6	-3.2	28.8	31	+1	22	+2	70	23	0		94	EL 'ARISH	
01	6	28	4	1	5	8	5.8	-3.2	27.0	34	+1	20	0	76	22	0	105	101	DAMANHÛR	LOWER EGYPT
01	7	24	2	1	3	4	5.5	-3.3	26.8	34	-1	20	0	71	21	0	73	55	MANŞÛRA	
02	8	24	3	2	8	8	6.7	-2.7	25.0	33	-2	18	-1	84	22	0	26	44	TANTA	
00	8	24	2	0	6	1	6.3	-3.2	28.8	36	+1	20	+1	70	23	0	36	27	ZAGAZIG	
01	7	28	2	2	5	8	7.0	-2.6	23.3	36		21		62	15	0	34		SHIBÎN EL KÔM	
00	7	30	1	0	0	-	5.9		25.5	37		21		72	20	0	21		ISMAÏLÍA	
00	7	26	3	0	0	-	7.2		25	37		21			19	0			FAROUK (Airport)	CAIRO AREA
00	7	24	1	2	0	-	5.8	-3.5	24.8	36		20		69	19	0	25		ALMÂZA	
00	7	00	0	0	0	-	6.6	-2.7	25.2	36	0	21	-1	67	18	0	32	26	EZBEKÎYA	
00	7	00	0	0	0	-	6.3	-3.0	27.8	38	+3	19	0	61	20	0	31	27	GÎZA	
05	6	30	1	0	0	-	6.2	-2.9	23.8	36	+1	20	-1	68	18	0	19	29	HELWÂN	
00	8	00	0	0	0	-	6.2	-2.7	27.2	37	0	20	-1	59	18	0	11	8	FAIYÛM	UPPER EGYPT
00	9	02	1	0	0	-	5.9		28.1	38		20		58	19	0	11		BENI SUEF	
00	7	32	2	0	0	-	6		26	39		19		62	18	0	12		MINYA	
00	7	28	1	0	0	-	6.7	-1.7	26.0	38	+1	21	-2	60	18	0	dr	4	ASYÛT	
00	8	00	0	0	0	-	3.5	-3.7	28.3	38		21		50	16	0	0		NAG' HAMMÂDI	
00	8	22	2	0	0	-	3.2	-3.5	32.0	44	+3	24	+2	29	12	0	5		QENA	
00	7	00	0	0	0	-	3		34	43		24		30	14	0	dr		LUXOR	
00	9	32	1	0	0	-	3.2	-3.9	32.5	43	+2	28	+2	29	12	0	dr		ASWÂN	
00	7	26	1	0	0	-	10.0	-1.9	23.0	38	0	20	-1	77	19	0	23	8	SIWA	OASES
00	7	32	1	0	0	-	8.3	-1.7	24.5	39	+2	20	0	64	17	0	18	7	BAHARIYA	
																0			FARAFRA	
00	8	26	2	0	0	-	7.1	-1.8	28.9	39	0	24	+1	29	9	0	dr		DAKHLA	
00	9	32	3	0	0	-	5.1	-2.8	31.2	40	0	23	0	20	6	0	0		KHARGA	
00	8	32	2	0	0	-	5.9	-2.4	25.7	40	+4	21	-2	70	20	0		17	SUEZ	RED SEA
00	8	28	3	0	0	-			28.3	40	+4	27	+3	55	18	0	0	13	TOR	
00	8	30	5	0	0	-	3		28	32		25		62	20	0	1	3	HURGHADA	
00	8	32	2	0	0	-	2.2	-4.0	31.0	35	+1	25	-1	46	18	0	0	4	QUSEIR	
00	8	16	2	0	1	4	1		37			27		27	15	0	291	99	PORT SUDAN	
01	8	02	1	0	5	1	5		31						12	-1	6		WÂDI HALFA	NORTH SÛDÂN
00	8	30	3	1	0	-	3		32						08	-7	0	6	KAREIMA	
00	8	30	1	0	0	-	3		33			27		17	5	0	2	17	'ATBARA	
00	8	20	3	0	2	2	5		32			24			15	0	8	41	KHARTÛM	
00	8	20	4	1	6	4	8		28			26		58	19	0	28	92	KASSALA	
00	8	10	6	0	2	0	8		26						20	0	125	112	WAD MEDANI	CENTRAL SÛDÂN
00	9	20	3	0	0	-	12		24						21	0		226	RENK	
01	8	12	2	1	3	4	9		24					69	18	0	276	333	ROSEIRES	
01	8	22	4	1	5	4	7		27			23		55	17	0	191	113	EL OBEID	
00	8	00	0	0	1	1			26			22			15	0	34	69	EL FÂSHER	
01	8	24	2	0	3	2			25			21		74	20	dr		145	GENEINA	
02	8	16	2	1	10	4	12		21			19			20	0	336	405	MALAKAL	S. SÛDÂN
02	8	16	1	0	10	4	12		22			20			21	0	438	624	WÂU	
																0	469	663	JUBA	

HUMIDITY

Mean of day

STATION	on 14 th	Diff. from normal
Alexandria	81	+6
Ezbekîya	66	+1
Giza	55	-4
Helwân	60	+12

GIZA
GRASS MINIMUM TEMP. ON 15 th 16.8 °C

Remarks

UPPER AIR OBSERVATIONS on 14 th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT ON 15 at

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C
SURFACE	993	32	24
500	969	31	22
1000	952	30	21
1500	950	29	21
2000	900	25	19
4000	850	21	16
5000	800	18	8
7000	750	18	6
9000	700	17	5
11000	650	13	2
13000	600	8	-1
15000	550	3	-2
18000	500	-1	-3
20000	450	-6	-6

FAROUK AIRPORT RAWINSONDE ON 15 th at 03

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE				270	5
1000		21	92	270	5
950					
900	3160	18	55	300	11
850	4770	20	25	270	29
800	6480	17	25	260	27
700	9180	10	-	260	10
600	14340	6	-	290	3
500	19170	-1	-	320	12
400					
300					
250					
200					
150					
100					

STATION	MATRUH		FOUAD A.P				PORT SAID				MINYA	
TIME	14 30		14 30				14 15				15	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	310	20			320	16			340	19	350	31
500	320	21			330	15			350	22	350	35
1000					300	21			340	9	350	30
1500					300	10						
2000												
3000												
4000												
5000												
6000												
7000												
8000												

STATION												
TIME												
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200												
500												
1000												
1500												
2000												
3000												
4000												
5000												
6000												
7000												
8000												

UPPER AIR OBSERVATIONS on 15 th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			4 30				4								3				6		5		5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			290	23			260	15							10	20							10	30
500			300	25			260	16							10	28			10	6	350	14	350	12
1000							260	12							350	26			350	4	10	16	340	8
1500															310	23			340	3	10	10	330	16
2000															320	21					32	6	330	20
3000															290	13							340	16
4000																							360	16
5000																							340	20
6000																							350	12
7000																								
8000																								

STATION	BARÂNIKA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME	5								4						4 15									
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	310	3			350	13			360	31														
500	50	7			330	12			060	58					240	11								
1000	350	16			350	16			10	60					310	11								
1500	310	14			40	14			350	44					330	17								
2000	240	10							220	23														
3000															260	6								
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

LIBRARY
WEATHER BUREAU

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

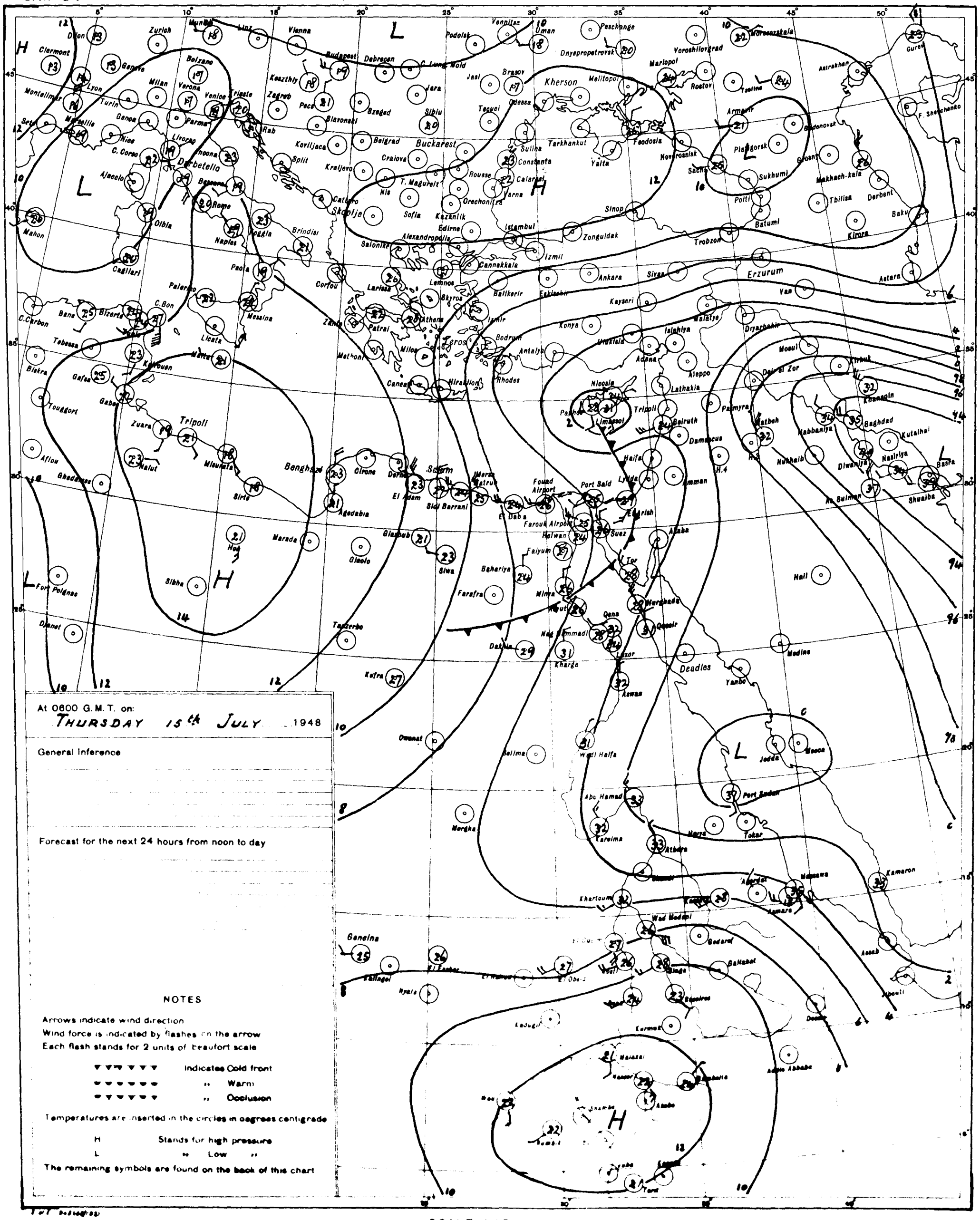
	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
THURSDAY 15th JULY 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of Beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

SCALE 1:15 000 000

CAIRO
Time of Sunrise 03 04 G.M.T.
" " Sunset 16 57 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: FRIDAY 16th JULY, 1948.

At 1200 on THURSDAY 15th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARANI	14	9	28	4	1	5	8	7.4	25.4	78	21	0
	160	MATRUH	00	8	29	5	0	0	—	6	27	84	24	0
	134	EL DABA	00	8	28	4	2	0	—		26.8	66	19	0
	132	ALEXANDRIA	01	8	28	5	2	3	4	4.6	27.4	72	21	0
	150	FOUAD (Airport)	01	7	27	4	1	5	6	4.1	29	66	22	0
	159	DAMIETTA	00	8	28	3	1	1	8	4.0	29.4	76	24	0
	161	PORT SA'ID	00	7	32	3	0	0	—	4	30	66	23	0
	135	EL 'ARISH	00	9	30	4	0	0	—	4.6	27.9			0
Lower Egypt	136	DAMANHUR	01	7	28	4	1	7	8	4.8	30.6	62	23	0
	137	MANSURA	01	8	18	1	1	5	4	3.6	32.6	47	20	0
	138	TANTA	00	8	00	0	0	0	—	4.6	33.0	50	21	0
	139	ZAGAZIG	00	6	32	2	0	0	—	4.8	33.2	45	19	0
		SHIBIN EL KOM	00	8	28	3	0	0	—	4.6	32.7	48	20	0
		ISMAILIA	00	8	24	1	0	0	—	3.5	34.3	36	17	0
Cairo Area	928	FAROUK (Airport)	00	7	26	4	0	0	—	3	34	32	15	0
	141	ALMAZA	00	8	24	4	0	0	—	4.7	33.0	37	16	0
		EZBEKIYA	00	8	28	2	0	0	—	3.8	34.2	31	15	0
		GIZA	00	8	28	2	0	0	—	4.4	36.0	28	14	0
	143	HELWAN	00	8	26	3	0	0	—	3.2	33.1	29	12	0
Upper Egypt	153	FAIYUM	00	8	30	2	0	0	—	4.7	33.4	29	12	0
		BENI SUEF	00	9	02	1	0	0	—	4.2	35.8	28	14	0
	162	MINYA	00	8	01	4	0	0	—	4	36	17	7	0
	155	ASYUT	00	8	26	1	0	0	—	4.4	34.2	21	8	0
	164	NAG' HAMMADI	00	8	14	1	0	0	—	2.4	36.3	24	12	0
	156	QENA	00	7	26	3	0	0	—	1.9	41.0	15	9	0
	157	LUXOR	00	8			0	0	—	1	41	10	3	0
	158	ASWAN	00	9	32	2	0	0	—	0.2	40.0	15	9	0
Oases	148	SIWA	00	8	26	2	0	0	—	11.9	34.2	35	17	0
	149	BAHARIYA	00	8	28	1	0	0	—	6.7	33.5	21	8	0
		FARAFRA												
	152	DAKHLA	00	9	28	1	0	0	—	4.9	37.2	14	6	0
	151	KHARGA	00	9	02	1	0	0	—	3.6	38.0	15	7	0
Red Sea	144	SUEZ	00	8	00	0	0	0	—	2.3	36.0	29	15	0
	145	TOR	00	8	28	5	0	0	—		30.0	57	20	0
	163	HURGHADA	00	8	01	4	0	0	—	0.0	30	55	20	0
	147	QUSEIR	00	8	02	2	0	0	—		32.8	52	22	0
	208	PORT SUDAN												
North Sudan	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA												
	209	KHARTUM												
	170	KASSALA												
Central Sudan	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FASHER												
	179	GENEINA												
South Sudan	176	MALAKAL												
	177	WAU												
	178	JUBA												

At 1800 on 15th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 12-18 G.M.T. mms
SIDI BARANI	01	8	26	3	1	5	9	7.2	23.1	88	21	0
MATRUH	00	8	28	4	0	0	—	7	23	95	23	0
EL DABA	00	6	28	2	0	0	—		23.7	86	21	0
ALEXANDRIA	02	6	28	4	2	8	8	5.0	25.4	73	20	0
FOUAD (Airport)	02	7	27	3	2	10	6	4.4	25	84	22	0
DAMIETTA	00	6	28	1	0	0	—	4.0	25.2	92	24	0
PORT SA'ID	00	7	31	2	0	0	—	4	26	84	23	0
EL 'ARISH	00	9	14	3	0	0	—	4.7	24.7	92	24	0
DAMANHUR	02	6	28	4	2	9	8	5.0	25.0	79	21	0
MANSURA	00	6	08	2	1	0	—	4.3	26.8	71	21	0
TANTA	00	8	00	0	0	0	—	4.3	23.3	86	20	0
ZAGAZIG	00	6	32	2	0	0	—		26.1	61	18	0
SHIBIN EL KOM	00	7	30	2	0	0	—	4.7	24.6	59	16	0
ISMAILIA	00	7	04	1	0	0	—	5.1	29.0	61	21	0
FAROUK (Airport)	00	7	26	4	0	0	—	4	29	46	16	0
ALMAZA	00	7	26	2	0	0	—	3.9	29.1	53	18	0
EZBEKIYA	00	7	26	1	0	0	—	4.8	28.2	51	17	0
GIZA	00	7	26	1	0	0	—	5.0	28.0	50	16	0
HELWAN	00	7	28	3	0	0	—	4.0	29.0	45	15	0
FAIYUM	00	8	32	2	0	0	—	3.8	29.0	47	16	0
BENI SUEF	00	9	02	1	0	0	—	3.7	30.1	36	13	0
MINYA	00	7	00	0	0	0	—	3	29	35	12	0
ASYUT	00	6	24	1	0	0	—	2.9	29.1	34	11	0
NAG' HAMMADI	00	8	00	0	0	0	—	2.7				0
QENA	00	6	24	2	0	0	—	1.6	32.0	24	09	0
LUXOR												
ASWAN	00	9	00	0	0	0	—	1.6	36.6	15	06	0
SIWA	00	6	28	1	0	0	—	6.8	32.0	39	16	0
BAHARIYA	00	7	28	1	0	0	—	5.6	31.0	27	09	0
FARAFRA												
DAKHLA	00	8	28	1	0	0	—	3.8	33.0	19	06	0
KHARGA	00	7	30	3	0	0	—	3.2	33.	11	-1	0
SUEZ	00	6	00	0	0	0	—	2.7	31.9	39	16	0
TOR	00	8	28	3	0	0	—					0
HURGHADA	00	8	27	3	0	0	—	1	29	55	19	0
QUSEIR	00	8	32	1	0	0	—	0.8	31.0	48	19	0

At 0600 on FRIDAY 16th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb TT	Maximum Yesterday TxTx	Max. Diff. from norm.	Minimum Today TnTn	Min. Diff. from norm.	Humidity % UU	Dew Point °C	Rainfall Past 24 hrs	Rainfall Total from Oct. 1	Rainfall Norm. from Oct. 1	Station	Area
	00	9	28	4	0	0	—	7.2		24.0	26		22		81	20	0	171		SIDI BARANI	Mediterranean
																	0		161	MATRUH	
	00	8	28	3	0	0	—			26.2	24		22		66	19	0	117		EL DABA'	
	02	9	04	2	2	8	8	5.6	-4.1	24.0	27	-3	22	-1	80	20	0	209	186	ALEXANDRIA	
	02	7	00	0	2	8	6	5.2		25	29						0	213	138	FOUAD (Airport)	
	01	7	16	1	1	5	6	5.4	-3.3	24.8	31		20		79	21	0	85	106	DAMIETTA	
	00	7	21	2	0	2	6	5		26	32		24		70	20	0	56	81	PORT SA'ID	
	00	9	32	2	0	1	8	5.4	-3.4	29.4	29	-1	20	0	71	23	0		94	EL 'ARISH	
	01	6	04	2	1	3	8	5.5	-3.4	25.0	31	-2	21	+1	76	20	0	105	101	DAMANHUR	Lower Egypt
	01	7	18	1	1	5	6	5.9	-2.9	25.8	34	-1	21	+1	65	19	0	73	55	MANSURA	
	00	8	24	2	0	0	—	6.3	-3.1	25.4	33	-2	18	-1	82	22	0	26	44	TANTA	
	01	6	24	2	0	5	8	5.4	-4.0	28.4	36	+1	22	+3	68	21	0	36	27	ZAGAZIG	
	01	7	30	1	1	5	8	7.0	-2.5	25	35		23		55	15	0	34		SHIBIN EL KOM	
	01	7	24	1	1	5	4	6.7		28.0	35		23		63	20	0	21		ISMAILIA	
	01	7	28	3	1	5	6	6		25	34		23		54	15	0			FAROUK (Airport)	Cairo Area
	01	7	00	0	1	5	6	5.5	-3.7	25.7	36		20		67	20	0	25		ALMAZA	
	01	7	00	0	0	3	6	5.9	-3.3	26.0	36	0	22	0	62	18	0	32	26	EZBEKIYA	
	01	7	00	0	0	3	6	5.9	-33	26.8	37	+2	20	+1	59	17	0	31	27	GIZA	
	05	6	00	0	1	5	6	5.8	-33	25.2	35	0	21	0	67	18	0	19	29	HELWAN	
	01	8	00	0	1	5	8	5.8	-3.2	25.7	36	-1	21	0	64	18	0	11	8	FAIYUM	Upper Egypt
	00	9	02	1	0	0	—	5.9		28.1	36		20		58	19	0	11		BENI SUEF	
	00	7	02	2	0	0	—	6		26	36		19		62	18	0	12		MINYA	
	00	7	22	1	0	0	—	5.4	-2.9	27.2	36	-1	21	-2	55	17	0	dr	4	ASYUT	
	00	8	00	0	0	0	—	5.4	-1.8	28.7	37		17		40	13	0	0		NAG' HAMMADI	
	00	8	24	2	0	0	—	4.6	-2.1	29.0	42	+1	22	-2	37	13	0	5		QENA	
	00	8	19	1	0	0	—	5		32			22		22	08	0	dr		LUXOR	
	00	9	00	0	0	0	—	4.3	-2.8	31.7	43	+2	25	-1	25	09	0	dr		ASWAN	
	00	7	28	1	0	0	—	9.1	-2.7	22.4	36	-2	20	-1	85	12	0	23	8	SIWA	Oases
	00	7	32	1	0	0	—	6.8	-3.1	25.2	36	-1	19	-1	60	17	0	18	7	BAHARIYA	
																	0			FARAFRA	
	00	8	24	1	0	0	—	6.5	-2.2	28.1	38	-1	22	-1	22	05	0	dr		DAKHLA	
	00	9	00	0	0	0	—	6.0	-1.8	27.6	40	0	20	-3	30	08	0	0		KHARGA	
	00	7	00	0	0	0	—	4.8	-3.4	27.0	39	+3	24	+1	72	22	0		17	SUEZ	Red Sea
			28	2	0	0	—			27.7	38	+4	27	+3	76	23	0	0	13	TOR	
	00	8	29	2	0	0	—	3		29	31		24		62	21	0	1	3	HURGHADA	
	00	8	28	1	0	0	—	3.5	-2.7	32	34	0	25	-1			0	0	4	QUSEIR	
	00	7	24	1	0	1	4	2		34			26		41	19	0	291	99	PORT SUDAN	
	00	8						5		32			25		22	08	0	tr		WADI HALFA	North Sudan
																	0	tr	6	KAREIMA	
	00	8	22	2	0		—	5		32			27		34	14	0	2	18	'ATBARA	
	02	8	20	4	1	5	2	5		32			28		34	14	0	8	43	KHARTUM	
	02	8			1	10	2			28			25		58	19	0	28	95	KASSALA	
	00	8	12	1	0	0	—	8		27					33	09	0	125	115	WAD MEDANI	Central Sudan
																	0		230	RENK	
																	0	294	339	ROSEIRES	
	00	8		3	0	1	2	8		27			24		56	18	0	191	116	EL OBEID	
	00	8	12	2	1	4	4			26			23		66	19	0	34	72	EL FASHER	
	02	8	18	2	1	8	4			24			18		65	17	0		150	GENEINA	
																	0	387	411	MALAKAL	South Sudan
																	0	441	430	WAU	
	02	8	16	1	1	8	4	13		25			22		84	22	17	494	666	JUBA	

HUMIDITY Mean of day

Station	15th	Diff. from normal
Alexandria	76	+1
Ezbekiya	56	-3
Giza	52	-7
Helwan	53	+5

GIZA
Grass minimum temp. 16th 16.3

Remarks

UPPER AIR OBSERVATIONS on 15th

DD Direction of wind in degrees East of North VV Velocity in knots.

ALMAZA AEROPLANE ASCENT ON … AT …

Height feet	Pressure	Temp.	Wet
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT RAWINSONDE ON 16th AT 03

Pressure mbs.	Height feet	Temp. °C	Humidity %	Wind DD	Wind VV
Surface 999		24	75	270	4
950					
900	3120	20	45	270	4
850	4740	21	-	360	3
800	6440	18	-	110	5
700	10150	14	-	40	19
600	14360	8	-	70	16
500	19180	-2	-	50	20
400			-		
300	31950	-23	-	30	17
250					
200					
150					
100					

Station	FOUAD A.P. DD	VV	P. SAID DD	VV	MINYA DD	VV	MATRUH DD	VV
Time	15		14 30		15		14 30	
200 m	320	16	360	17	350	14	330	22
500	320	18	290	11	360	19	330	22
1000	330	24	250	18	350	20	320	23
1500			240	17	340	18	340	24
2000			210	3	310	22	350	14
3000					280	23	20	23
4000							60	20
5000							60	20
6000								
7000								
8000								

UPPER AIR OBSERVATIONS on 16th

DD Direction of wind in degrees East of North VV Velocity in knots.

Station	SIDI BARANI	MATRUH	FOUAD AIRPORT	PORT SAID DD	VV	FAROUK AIRPORT DD	VV	ALMAZA	HELWAN	MINYA DD	VV	ASYUT	LUXOR	ASWAN
Time				3 30		03				3 30				
200 m				250	5	260	4			360	20			
500				220	9	240	4			360	12			
1000				Ent Sc		270	3			310	16			
1500						10	2			290	18			
2000						160	4							
3000						40	16							
4000						60	13							
5000														
6000						30	13							
7000														
8000														

Station	BAHARIYA	DAKHLA DD	VV	KHARGA	HURGHADA	WADI HALFA	ABU HAMAD	KAREIMA	KHARTUM	KASSALA DD	VV	EL OBEID DD	VV	EL FASHER DD	VV	MALAKAL
Time		5								4		3 30		4		
200 m		310	9													
500		320	17							200	17	210	14			
1000		310	11							210	15	220	23	180	6	
1500		310	4							210	15	230	25	270	3	
2000		250	6							240	11	250	11	100	4	
3000		280	7									10	12	50	4	
4000		290	9									20	19	30	5	
5000																
6000												10	19	210	10	
7000																
8000																

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	M.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

On Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Note: All times G.M.T.

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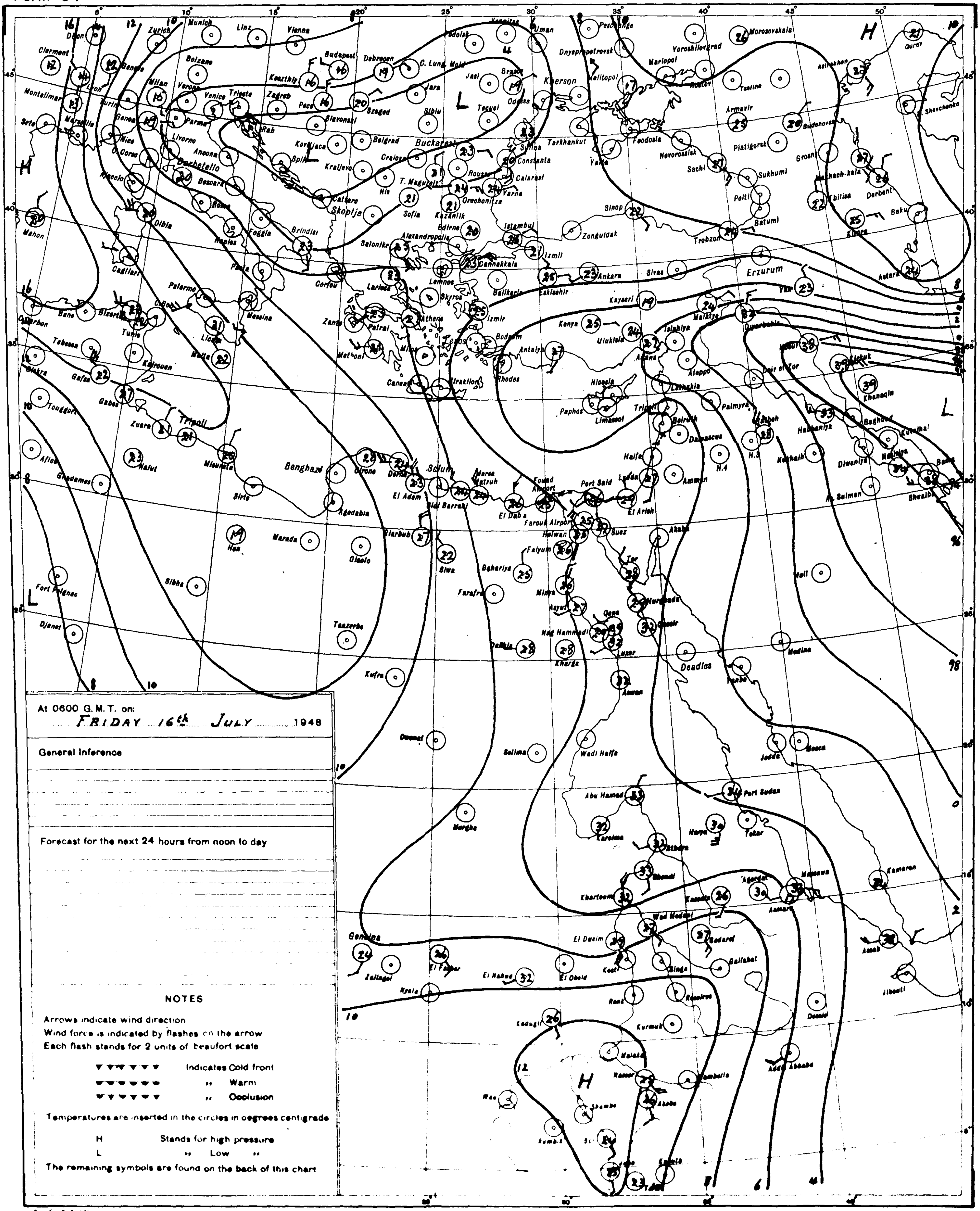
WEATHER BUREAU

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G. M. T. on:

FRIDAY 16th JULY 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction

Wind force is indicated by flashes on the arrow

Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼ Indicates Cold front

▼▼▼▼▼▼ ,, Warm

▼▼▼▼▼▼ ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure

L ,, Low ,,

The remaining symbols are found on the back of this chart

SCALE 1 15.000 000

CAIRO
Time of Sunrise 03 05 G.M.T.
" " Sunset 16 57 G.M.T.

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

Form 91

DAILY WEATHER REPORT

Date: Saturday 17th JULY, 1948.

AREA	INDEX NUMBER	STATION	At 1200 on Friday 16th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C. TT	HUMIDITY % UU	DEW POINT °C.	RAIN 6-12 G.M.T. mms	At 1800 on 16th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C TT	HUMIDITY % UU	DEW POINT °C.	RAIN 12-18 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI	61	9	28	4	1	5	8	8.2	24.3	72	20	0	00	9	28	4	0	0	—	8.7	23.5	82	21	0
	160	MATRÛH	00	8	30	2	1	0	—	8	28	70	22	0	01	8	28	3	0	5	6	8	23	100	23	0
	134	EL DABA	00	8	00	0	0	0	—		25.3	71	19	0	00	7	28	1	0	0	—		24.4	87	22	0
	132	ALEXANDRIA	01	9	04	3	2	3	4	5.6	26.6	75	22	0	00	6	32	2	0	0	—	1.8	25.0	74	20	0
	150	FOUAD (Airport)	00	7	30	3	0	0	—	5.6	28	70	22	0	00	7	29	2	0	0	—	6.2	25	79	21	0
	159	DAMIETTA	00	8	30	2	1	0	—	5.0	29.0	68	22	0	00	6	30	1	0	0	—	5.4	25.0	96	24	0
	161	PORT SAÏD	00	7	32	3	0	0	—	5	29	59	20	0	00	7	31	3	0	0	—	5	26	84	23	0
	135	EL ʿARISH	00	9	32	4	0	0	—	4.7	28.8	75	24	0	01	9	32	2	1	5	8	4.6	24.7	93	24	0
LOWER EGYPT	136	DAMANHUR	00	7	04	2	0	0	—	5.5	33.2	42	18	0	00	7	04	2	0	0	—	6.3	25.2	84	22	0
	137	MANṢURA	00	8	14	1	1	0	—	5.0	33.4	42	18	0	00	6	32	1	0	0	—	5.6	27.2	71	21	0
	138	TANTA	00	8	28	3	0	0	—	5.0	33.0	39	17	0	00	8	00	0	0	0	—	6.4	26.4	76	21	0
	139	ZAGAZIG	00	6	32	2	0	0	—	5.1	35.2	50	23	0	00	6	16	1	0	0	—	5.9	26.1	61	18	0
		SHIBÎN EL KÔM	00	8	30	3	1	1	8	6.6	35.4	23	11	0	00	7	30	2	0	0	—	6.2	26.1	60	18	0
		ISMAÏLÎA	00	8	08	1	0	0	—	4.2	34.8	36	17	0	00	7	04	2	0	0	—	5.6	27.5	60	19	0
CAIRO AREA	028	FAROUK(Airport)	00	8	24	1	0	0	—	4	33	38	17	0	00	8	02	4	0	0	—	6	31	38	15	0
	141	ALMÂZA	00	8	30	4	0	0	—	4.4	33.0	39	14	0	00	7	32	2	0	0	—	5	31.6	45	18	0
		EZBEKÎYA	00	8	26	1	0	0	—	4.8	33.8	37	16	0	00	7	00	0	0	0	—	5.2	30.0	45	17	0
		GÎZA	00	8	26	1	0	0	—	5.0	34.6	36	17	0	00	7	00	0	0	0	—	4.8	30.3	38	14	0
	143	HELWÂN	00	8	00	0	0	0	—	4.4	32.6	31	13	0	00	7	28	2	0	0	—	4.7	31.2	29	11	0
UPPER EGYPT	153	FAIYÛM	00	8	32	1	0	0	—	4.4	32.2	40	17	0	00	8	32	1	0	0	—	4.0	29.6	46	17	0
		BENI SUEF	00	9	30	1	0	0	—	5.0	35.2	30	15	0	00	9	12	1	0	0	—	4.7	27.8	48	18	0
	162	MINYA	00	7	28	3	0	0	—	4	36	24	12	0	00	7	00	0	0	0	—	4	29	40	14	0
	155	ASYÛT	00	8	28	2	0	0	—	5.0	35.1	19	08	0	00	6	22	1	0	0	—	4.5	27.8	52	17	0
	164	NAG' HAMMÂDI	00	8	26	1	0	0	—	3.9	26.0	21	10	0	00	8	00	0	0	0	—	4.7	27.6	52	17	0
	156	QENA	00	9	22	3	0	0	—	2.6	38.0	22	13	0	00	6	24	2	0	0	—	4.0	29.8	38	14	0
	157	LUXOR	00	8	24	3	0	0	—	3	38	15	07	0	00	7	00	0	0	0	—	4	33	23	09	0
	158	ASWÂN	00	9	32	2	0	0	—	3.8	40.0	12	05	0	00	9	02	0	0	0	—	4.6	34.0	18	06	0
OASES	146	SIWA	00	8	30	3	0	0	—	8.4	35.4	29	19	0	00	6	00	0	0	0	—	7.6	31.8	40	17	0
	149	BAHARÎYA	00	8	28	1	0	0	—	5.4	35.0	26	12	0	00	7	32	1	0	0	—	5.5	32.0	28	11	0
		FARAFRA																								
	152	DAKHLA	00	9	26	1	0	0	—	6.4	35.3	—	—	0	00	8	28	1	0	0	—	5.6	33.7	15	-4	0
	151	KHARGA	00	9	30	2	0	0	—	4.7	36.2	11	02	0	00	7	00	0	0	0	—	4.4	33.3	11	-1	0
RED SEA	144	SUEZ	00	8	08	0	0	0	—	4.0	33.4	44	19	0	00	6	32	2	0	0	—	4.0	31.4	54	21	0
	145	TÛR	00	9	28	4	0	0	—																	
	163	HURGHÂDA	00	8	02	2	0	0	—	2	30	66	23	0	00	8	00	0	0	0	—	3	30	59	21	0
	147	QUSEIR	00	8	02	2	0	0	—	2.3	31.8	61	23	0	00	8	08	1	0	0	—	3.5	30.0	65	23	0
	208	PORT SÛDÂN	01	8	08	4	1	7	4,1	1	33	70	27	0												
NORTH SÛDÂN	165	WADI HALFA	00	8	00	0	0	0	—	4	38		00	0												
	166	KAREIMA	00	8	26	3	0	0	—	1	42	08	01	0												
	167	ʿATBARA	00	8	32	1	1	1	4	1	41	10	03	0												
	209	KHARTÛM	01	8	20	3	1	5	2	3	39	16	09	0												
	170	KASSALA	01	8	24	3	1	7	8,1	3	38	38	21	0												
CENTRAL SÛDÂN	171	WAD MEDANI	01	8	18	4	1	3	8	3	38	31	18	0												
	182	RENK																								
	172	ROSEIRES												0												
	174	EL OBEID	01	8	12	3	0	5	8	4	36	27	14	0												
	175	EL FÂSHER	01	8	12	1	1	3	5	—	37	20	11	0												
	179	GENEINA	01	8	24	2	1	5	8,4	—	27	48	15	0												
S. SÛDÂN	176	MALAKÂL												0												
	177	WÂU	02	8	16	2	2	3	8,4	7	33	42	25	0												
	178	JUBA	11	8	14	2	1	7	9,2	7	26	74	21	0												

AREA	INDEX NUMBER	STATION	At 0600 on Saturday 17th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESSURE M.S.L. mbs. PPP	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb TT	MAXIMUM Yesterday TxTx	MAXIMUM Diff. from norm.	MINIMUM Today TnTn	MINIMUM Diff. from norm.	HUMIDITY % UU	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL Total From Oct. 1	RAINFALL Norm. From Oct. 1
MEDITERRANEAN		SIDI BARÂNI	14	9	26	4	0	0	0	10.4		25.0	27		22		76	20	0	171	—
		MATRÛH	00	7	27	4	0	2	4	6		25	30		19		84	22	0	—	—
		EL DABA	01	7	26	2	1	5	8			24.8	27		16		88	23	0	117	—
		ALEXANDRIA	00	9	28	3	0	0	—	7.6	-2.0	25.0	28	-2	22	-1	79	21	0	209	186
		FOUAD (Airport)	00	7	25	2	0	0	—	7.1		27	29		22		70	21	0	213	138
		DAMIETTA	00	8	28	3	0	0	—	7.0		27.2	32		21		67	20	0	85	106
		PORT SAʿID	00	7	28	2	0	tr	6	7		26	30		24		83	20	0	56	—
		EL ʿARISH	00	9	18	2	0	1	8	7.0	-1.7	28.8	36	0	20	0	69	23	0	—	24
LOWER EGYPT		DAMANHÛR	00	6	24	2	0	0	—	8.6	-0.3	26.0	33	0	20	0	71	20	0	105	101
		MANṢÛRA	00	8	28	1	0	0	—	7.6	-1.2	26.2	35	0	20	0	67	17	0	73	58
		TANTA	00	8	00	0	0	0	—	8.3	-1.0	26.0	34	-1	17	-2	75	21	0	26	44
		ZAGAZIG	00	6	24	2	0	0	—	7.6	-1.8	29.8	36	+1	21	+2	59	20	0	36	27
		SHIBÎN EL KÔM	00	7	30	2	0	0	—	8.2	-1.2	25.4	37		20		67	17	0	34	—
		ISMAÏLÎA	00	7	24	1	0	0	—	7.6		28.5	36		23		61	20	0	21	—
CAIRO AREA		FAROUK(Airport)	00	7	30	2	1	0	—	7		25	35		21		74	20	0	—	—
		ALMÂZA	00	7	02	1	1	0	—	7.9	-1.2	25.0	35		22		74	20	0	25	—
		EZBEKÎYA	00	7	28	2	0	0	—	7.8	-1.3	25.7	35	-1	22	0	72	21	0	32	26
		GÎZA	00	7	28	2	0	0	—	7.9	-1.2	25.8	36	+1	21	+2	70	20	0	31	27
		HELWÂN	00	6	30	2	0	0	—	7.5	-1.5	25.1	35	0	22	+1	68	19	0	19	29
UPPER EGYPT		FAIYÛM	00	8	32	1	0	0	—	7.6	-1.4	25.6	36	-1	22	+1	69	20	0	11	8
		BENI SUEF	00	9	02	1	0	0	—	7.0		27.6	35		21		58	18	0	11	—
		MINYA	00	7	01	3	0	0	—	7		26	37		21		70	20	0	12	—
		ASYÛT	00	7	22	1	0	0	—	7.1	-1.2	28.3	38	-1	21	-2	63	14	0	tr	4
		NAG' HAMMÂDI	00	8	00	0	0	0	—	6.4	-0.8	29.3	37		18		38	13	0	0	—
		QENA	00	8	24	2	0	0	—	5.9	-0.8	30.4	40	0	21	-3	37	14	0	5	—
		LUXOR	00	8	00	0	0	0	—	6		31	39		21		28	10	0	tr	—
		ASWÂN	00	9	00	0	0	0	—	5.7	-1.4	32.0	40	-1	25	-1	28	11	0	tr	—
OASES		SIWA	00	7	28	1	0	0	—	10.4	-1.3	24.7	34	+1	18	-3	77	21	0	23	8
		BAHARÎYA	00	7	32	1	0	0	—	8.6	-1.3	25.0	36	-1	20	0	58	16	0	18	7
		FARAFRA																			
		DAKHLA	00	8	28	1	0	0	—	8.6	-0.3	29.8	38	-1	23	0	23	07	0	tr	—
		KHARGA	00	9	00	0	0	0	—	6.8	-1.0	28.3	39	-1	20	-3	28	08	0	0	—
RED SEA		SUEZ	00	7	02	2	0	0	—	6.4	-1.8	25.9	37	+1	23	0	73	21	0	—	17
		TÛR	00	9	28	1	0	0	—	—	—	28.7			25	+1	68	22	0	0	13
		HURGHÂDA	00	8	30	3	0	0	—	6		28	31		25		74	23	0	1	3
		QUSEIR	00	8	28	2	0	0	—	4.8	-1.4	29.6	36	+2	27	+1	72	24	0	0	4
		PORT SUDAN	00	7	30	1	0	tr	4	4		36					33	17		29.1	99
NORTH SÛDÂN		WADI HALFA	00	8	00	0	0	0	—	6		28					19	02	0	tr	—
		KAREIMA	00	8	04	2	0	0	—	5		27					37	11	0	tr	7
		ʿATBARA																		2	19
		KHARTÛM	00	8	24	2	0	0	—	6		33					41	18	0	8	45
		KASSALA	00	8	20	3	0	2	4	8		29					52	18	0	26	98
CENTRAL SÛDÂN		WAD MEDANI	01	7	20	6	1	3	3			29					57	20	0	125	120
		RENK																			234
		ROSEIRES																		29.4	345
		EL OBEID	02	8	20	5	1	8	4,1	8		27					58	18	0	19.1	120
		EL FÂSHER	02	8	32	2	1	8	4,1	—		26					51	15	0	34	75
		GENEINA	01	8	20	3	0	3	4,1	—		24					74	19	0		156
S. SÛDÂN		MALAKÂL																		38.7	417
		WÂU																	63	50.4	636
		JUBA																	2	49.6	670

HUMIDITY

Mean of day

STATION	on 16th	Diff. from normal
Alexandria	75	•
Ezbekîya	50	-9
Gîza	45	-14
Helwân	45	-3

GIZA
GRASS MINIMUM TEMP ON 17th 19.1 °C

Remarks

UPPER AIR OBSERVATIONS on 16th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT — ON ___ At ___

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C	WIND DD	WIND VV
SURFACE					
500					
1000					
1500					
2000					
4000					
6000					
8000					
10000					
12000					
14000					
16000					
18000					
20000					

FAROUK AIRPORT RAWINSONDE — ON 17th At 3

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		21	90	330	6
1000	260	20	35	360	6
950					
900	3250	19	65	360	13
850	4920	19	—	20	14
800	6610	17	—	20	14
700	10310	12	—	360	10
600	14500	6	—	310	4
500	19320	-1	—	280	5
400					
300					
250					
200					
150					
100					

STATION	Matruh		Fouad A.F.		P. Said		Minya	
TIME	14		18		14	30	15	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV
200	320	12	300	10	330	16	320	10
500	340	13	310	11	290	09	320	18
1000	340	11	330	13	200	03	320	16
1500	320	18	310	17	30	12	320	09
2000	310	13			20	14	310	13
3000	20	12			340	03	290	10
4000					350	06		
5000								
6000								
7000								
8000								

STATION																
TIME																
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200																
500																
1000																
1500																
2000																
3000																
4000																
5000																
6000																
7000																
8000																

UPPER AIR OBSERVATIONS on 17th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAID		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			4		3		4		3						3						5		5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			300	23	340	10	290	9	360	08					360	30					360	6	20	12
500			340	21	330	11	320	11	340	10					10	40							20	14
1000			330	22	340	12	330	9	360	11					40	25					340	11	350	19
1500			340	22	330	15	300	9	20	13					50	16					300	14	10	30
2000			340	22	320	16	250	7	30	12					30	16					301	14	20	36
3000							290	9	360	10					70	16					240	36	20	24
4000									340	01														
5000																								
6000									280	04														
7000																								
8000									40	12														

STATION	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME			5		8														2 30		5			
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			330	13	330	6																		
500			330	17	310	8																		
1000			320	15	300	10													226	26	340	11		
1500			320	14	300	9													270	8	250	15		
2000			320	18	280	10													30	8				
3000					320	5													40	12	260	14		
4000																					290	13		
5000																					30			
6000																								
7000																								
8000																								

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

LIBRARY ... WEATHER BUREAU

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on:

SATURDAY 17th JULY 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction

Wind force is indicated by flashes on the arrow

Each flash stands for 2 units of Beaufort scale

Indicates Cold front

" Warm

" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure

L " Low "

The remaining symbols are found on the back of this chart

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 05 G.M.T.

" " Sunset 16 56 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: Sunday 18th JULY, 1948.

At 1200 on Saturday 17th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARÂNI	18	6	26	6	3	0	–	8.6	26.3	67	19	0
	160	MATRÛH												
	134	EL DABA	00	8	28	4	0	0	–		26.6	69	21	0
	132	ALEXANDRIA	01	9	24	3	1	5	4	7.2	27.0	76	22	0
	150	FOUAD (Airport)	00	7	25	3	0	1	6	7.0	28	70	22	0
	159	DAMIETTA	00	8	30	2	0	0	–	6.0	31.4	68	25	0
	161	PORT SAʿID	00	8	31	3	0	0	–	6	29	52	18	0
	135	EL ʿARISH	00	9	30	4	0	0	–	6.3	28.6	76	24	0
Lower Egypt	136	DAMANHUR	00	7	24	4	0	0	–	6.6	33.2	39	17	0
	137	MANSURA	00	8	28	1	0	0	–	6.4	34.0	30	14	0
	138	TANTA	00	8	28	1	0	0	–	6.8	33.6	32	15	0
	139	ZAGAZIG	00	6	32	2	0	0	–	6.0	35.0	42	20	0
		SHIBÎN EL KÔM	00	8	30	3	0	0	–	6.1	36.4	21	10	0
		ISMAʿILÎA	00	8	26	1	0	0	–	5.4	36.0	20	10	0
Cairo Area	928	FAROUK (Airport)	00	8	04	3	0	0	–	5	36	22	11	0
	141	ALMÂZA	00	8	26	2	0	0	–	5.5	34.8	24	11	0
		EZBEKÎYA	00	8	30	1	0	0	–	5.9	34.7	27	13	0
		GÎZA	00	8	30	1	0	0	–	6.0	35.4	19	08	0
	143	HELWÂN	00	8	26	4	0	0	–	5.3	34.1	18	06	0
Upper Egypt	153	FAIYÛM	00	8	30	1	0	0	–	5.2	35.0	23	11	0
		BENI SUEF	00	9	02	1	0	0	–	5.6	35.9	27	14	0
	162	MINYA	00	8	01	3	0	0	–	6	37	25	14	0
	155	ASYÛT	00	8	26	1	0	0	–	5.6	37.2	22	12	0
	164	NAGʿ HAMMÂDI												
	156	QENA	00	9	22	2	0	0	–	3.9	39.0	22	14	0
	157	LUXOR	00	8	30	1	0	0	–	4	40	12	06	0
	158	ASWÂN	00	9	24	1	0	0	–	4.0	39.5	13	07	0
Oases	148	SIWA	00	8	04	4	0	0	–	10.3	38.4	39	21	0
	149	BAHARÎYA	00	8	32	1	0	0	–	6.6	36.2	16	07	0
		FARAFRA	00	8	32	1	0	0	–	7.5	37.4	22	12	0
	152	DAKHLA	00	9	28	2	0	0	–	6.8	37.3	26	14	0
	151	KHARGA	00	9	30	2	0	0	–	5.0	37.8	14	06	0
Red Sea	14[illegible]	SUEZ	00	8	32	3	0	0	–	3.8	35.4	27	13	0
	14[illegible]	TÔR	00	9	28	2	0	0	–	–	32.8	45	19	0
	163	HURGHÂDA	00	8	02	2	0	0	–	4	29	74	24	0
	147	QUSEIR	00	8	08	1	0	0	–	4.3	30.6	73	26	0
	208	PORT SÛDAN												
North Sudan	165	WADI HALFA												
	166	KAREIMA												
	167	ʿATBARA												
	209	KHARTÛM												
	170	KASSALA												
Central Sudan	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FASHER												
	179	GENEINA												
S. Sudan	176	MALAKÂL												
	177	WAU												
	178	JUBA												

At 1800 on 17th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 12-18 G.M.T. mms
SIDI BARÂNI	14	8	28	6	c?	Tr	8	9.6	23.3	72	18	0
MATRÛH												
EL DABA	00	7	26	2	0	0	–			71		0
ALEXANDRIA	02	6	30	3	2	8	8	7.1	24.6	80	21	0
FOUAD (Airport)	02	7	26	3	1	8	6	6.5	25	74	20	0
DAMIETTA	00	6	30	2	0	0	–	5.4	25.0	96	24	0
PORT SAʿID	00	7	30	3	0	0	–	6	26	79	22	0
EL ʿARISH	00	9	28	2	0	0	–	5.3	24.7	89	23	0
DAMANHUR	00	7	24	3	0	0	–	6.6	24.6	74	20	0
MANSURA	00	6	32	2	0	0	–	6.4	26.5	72	20	0
TANTA	00	8	00	0	0	0	–	7.1	27.3	80	23	0
ZAGAZIG	00	6	30	2	0	0	–	7.9	29.0	62	21	0
SHIBÎN EL KÔM	00	7	30	2	0	0	–		26.1	60	18	0
ISMAʿILÎA	00	7	04	2	0	0	–	7.9	29.0	58	20	0
FAROUK (Airport)	00	7	02	3	0	0	–	6	32	2?	11	0
ALMÂZA	00	7	32	2	0	0	–	5.7	31.7	31	12	0
EZBEKÎYA	00	7	30	1	0	0	–	6.2	30.0	39	15	0
GÎZA	00	7	30	1	0	0	–	6.4	30.2	35	13	0
HELWÂN	00	7	30	2	0	0	–	5.5	32.0	25	10	0
FAIYÛM	00	8	32	1	0	0	–	5.0	28.4	41	13	0
BENI SUEF	00	9	26	1	0	0	–	5.0	29.1	30	10	0
MINYA	00	7	00	0	0	0	–	5	29	35	12	0
ASYÛT	00	6	22	1	0	0	–	4.6	30.8	33	13	0
NAGʿ HAMMÂDI	00	8	00	0	0	0	–	4.0	27.2	54?	17?	0
QENA	00	6	24	2	0	0	–	3.8	32.0	28	11	0
LUXOR	00	7	00	0	0	0	–	4	33	24	10	0
ASWÂN	00	9	00	0	0	0	–	4.4	36.8	11	02	0
SIWA	00	6	30	3	0	0	–	8.8	33.1	53	22	0
BAHARÎYA	00	7	00	0	0	0	–	6.8	32.0	26	10	0
FARAFRA	00	7	16	1	0	0	–	7.4	30.1	27	09	0
DAKHLA	00	8	28	1	0	0	–	6.4	35.2	14	04	0
KHARGA	00	7	00	0	0	0	–	4.7	34.3	23	10	0
SUEZ	00	6	00	0	0	0	–	4.8	31.0	47	18	0
TÔR	00	9	28	2	0	0	–	–	31.2	49	19	0
HURGHÂDA	00	8	29	1	0	0	–	4	32	38	16	0
QUSEIR	00	2	28	2	0	0	–	3.8	31.1	71	16	0

At 0600 on Sunday 18th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Max. Yesterday TxTx	Diff. from norm.	Min. Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	Area
SÎDI BARÂNI	14	9	28	4	1	5	8	9.6		23.6	28		22		61	15	0	171	–	Mediterranean
MATRÛH	00		27	5	1	2	6	9		24			21		74	19	0	–	–	
EL DABAʿ	01	7	28	2	1	5	8			24.5	28		22		70	18	0	117	–	
ALEXANDRIA	01	9	32	3	2	5	8	6.6	-3.0	25.4	27	-3	22	-1	69	19	0	209	186	
FOUAD (Airport)	01	7	29	2	1	5	8	6.7		27	29		23		66	20	0	213	138	
DAMIETTA	00	7	20	2	1	1	8	6.6	-2.0	25.7	31		20		73	21	0	85	106	
PORT SAʿID	01	7	24	2	1	5	6	7		25	30		23		70	19	0	56	–	
EL ʿARISH	00	9	24	3	0	0	–	7.1	-1.5	27.7	29	-1	19	-1	67	20	0	–	94	
DAMANHÛR	01	6	28	3	1	7	8	7.5	-1.3	25.8	34	+1	20	0	73	21	0	105	101	Lower Egypt
MANSÛRA	01	7	20	1	1	5	6	7.1	-1.6	25.0	35	0	21	0	68	19	0	73	55	
TANTA	01	8	00	0	1	7	8	8.0	-1.3	25.0	35	0	19	0	67	18	0	26	44	
ZAGAZIG	00	6	24	2	0	0	–	7.4	-2.0	28.8	37	+2	21	+2	61	21	0	36	27	
SHIBÎN EL KÔM	01	7	28	2	1	5	8	7.0	-2.4	25.3	38		22		62	17	0	34	–	
ISMAʿILÎA	01	7	22	1	1	5	5	6.3		26.0	37		23		67	19	0	21	–	
FAROUK (Airport)	01	7	26	4	1	5	6	8		24	37		22		69	18	0	–	–	Cairo Area
ALMÂZA	01	7	29	2	1	5	6	7.3	-1.8	24.1	35		22		67	18	0	25	–	
EZBEKÎYA	00	7	24	2	0	0	–	8.0	-1.1	24.5	37	+1	22	0	64	17	0	32	26	
GÎZA	00	7	24	2	0	0	–	7.6	-1.5	27.0	37	+2	21	+2	58	18	0	31	27	
HELWÂN	00	7	26	1	0	1	8	7.5	-1.5	23.1	36	+1	22	+1	72	18	0	19	22	
FAIYÛM	01	8	00	0	1	5	8	7.5	-1.5	25.2	37	0	21	0	66	18	0	11	8	Upper Egypt
BENI SUEF	00	9	26	1	0	0	–	7.6		27.1	38		20		63	19	0	11	–	
MINYA	00	7	01	3	0	0	–	8		25	38		20		74	20	0	12	–	
ASYÛT	00	7	26	1	0	0	–	8.2	-0.1	27.1	38	+1	20	-3	56	17	0	dr	4	
NAGʿ HAMMÂDI	00	8	00	0	0	0	–	7.6	+0.5	29.9	38		19		41	15	0	0	–	
QENA	00	8	24	2	0	0	–	5.9	-0.8	30.0	39	-1	25	+1	37	14	0	5	–	
LUXOR	00	8	22	2	0	1		6		33	40		24		24	10	0	dr	–	
ASWÂN	00	9	16	1	0	0	–	6.3	-0.8	30.6	40	-1	28	+2	33	13	0	dr	–	
SIWA	01	7	28	1	1	5	8	11.9	+0.2	22.0	40	+2	19	-2	82	19	0	23	3	Oases
BAHARIYA	00	7	28	1	0	0	–	9.0	-0.9	23.0	37	0	20	0	74	18	0	18	–	
FARAFRA	00	7	30	2	0	0	–	–	–	26.4	38		22		52	15	0	–	–	
DAKHLA	00	8	24	1	0	0	–	6.4	-0.3	28.4	38	-1	21	-2	19	02	0	dr	–	
KHARGA	00	9	00	0	0	0	–	8.0	+0.2	28.7	38	-2	22	-1	20	04	0	0		
SUEZ	00	7	00	0	0	0	–	6.4	-1.8	26.6	38	+2	22	-1	65	20	0	–	17	Red Sea
TOR	00	8	28	2	0	0	–	–	–	28.0	37	+3	26	+2	66	21	0	0	13	
HURGHADA	00	9	01	2	0	0	–	6		28	32		26		62	20	0	1	3	
QUSEIR	00	8	30	2	0	0	–	5.0	-1.1	32.2	36	+2	26	0	43	18	0	r	4	
PORT SUDAN																	0	291	99	
WÂDI HALFA	00	8	32	2	0	0	–	7		29					19	03	0	t	–	North Sudan
KAREIMA	00	8	14	1	0	2	4	7		30					14	00	0	t	7	
ʿATBARA	01	8	28	1	0	5	4	5		34					20	03	0	2	19	
KHARTÛM	01	8	18	4	1	7	4	7		31					41	16	0	8	47	
KASSALA	02	8	18	3	1	9	4,5	7		28					58	19	0	28	101	
WAD MEDANI	02	9	24	4	2	10	3	8		31					52	20	0	125	125	Central Sudan
RENK																			238	
ROSEIRES																	0	294	351	
EL OBEID	02	8	20	4	1	10	4,1	9		26					79	22	0	191	123	
EL FASHER	02	8						–		27					66	20	0	34	79	
GENEINA																			162	
MALAKAL																	0	387	423	S. Sudan
WAU	02	8	20	1	1	9	4,2	13		25					70	19	0	504	642	
JUBA																	45	541	673	

Humidity — Mean of day

Station	on 17th	Diff. from normal
Alexandria	78	+3
Ezbekîya	52	-7
Gîza	49	-10
Helwân	42	-6

GIZA — Grass Minimum Temp. on 18th 19.6

Remarks

UPPER AIR OBSERVATIONS on 17th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — Aeroplane Ascent — On … at …

Height feet	[illegible] ft	Dry °C	Wet [illegible] °C
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT — Rawinsonde — On 18th at 04

Pressure mbs.	Height feet	Temp. °C	Humidity %	Wind DD	Wind VV
Surface		24	72	230	6
1000	230	24	75	280	6
950					
900	3270	22	25	260	16
850	4830	21	25	240	13
800	6540	20	–	250	07
700	10260	14	–	250	11
600	14450	7	–	270	6
500	19270	-1	–	350	7
400					
300					
250					
200					
150					
100					

Station	Fouad AP		P. Said		Minya	
Time	14 45		14 30		15	
Height m	DD	VV	DD	VV	DD	VV
200	290	12	330	15	360	14
500	270	14	310	16	360	16
1000	280	10	280	23	360	17
1500	300	09	270	04	330	23
2000	300	11	270	09	320	27
3000	230	12			310	13
4000						
5000						
6000						
7000						
8000						

UPPER AIR OBSERVATIONS on 18th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Saʿid		Farouk Airport		Almâza		Helwân		Minya		Asyût		Luxor		Aswân		Siwa	
Time			4		3		3 45		4				7 30		3 15						5		5	
Height m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			350	28	240	10	240	16	270	4			260	9	360	19					360	8	230	7
500			300	26	340	10	240	14	260	6			270	10	350	22					330	14	260	6
1000			310	29	330	08	230	11	260	12			250	13	350	20					340	11		
1500			230	36					240	12					360	21					340	16		
2000			320	17					250	6											330	16		
3000			300	17					250	9														
4000			310	21																				
5000																								
6000									340	5														
7000																								
8000																								

Station	Bahariya		Dakhla		Kharga		Hurghada		Wadi Halfa		Abu Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fasher		Malakal	
Time			5		7																			
Height m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			340	13	350	5																		
500			360	14	350	8																		
1000			350	11	20	10																		
1500			10	7	330	11																		
2000			360	7	260	10																		
3000			360	9																				
4000																								
5000																								
6000																								
7000																								
8000																								

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Light air	2-5	1
Very light	6-12	2
Light	13-19	3
Moderate	20-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

[illegible] 01-32 e.g. 08 East, 16 South, 24 West, 32 North, 00 is Calm

Note: All times G.M.T.

Printed by the Survey of Egypt 1948 (48 195)

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on:
SUNDAY 18th JULY 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

SCALE 1:15 000 000

CAIRO
Time of Sunrise 03 06 G.M.T.
" " Sunset 16 56 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: MONDAY 19th JULY, 1948.

At 1200 on Sunday 18th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARANI	—	—	—	—	—	—	—	—	—	—	—	—
	160	MATRÛH	—	—	—	—	—	—	—	—	—	—	—	—
	134	EL DABA	00	8	28	3	0	0	—	—	25.8	63	18	0
	132	ALEXANDRIA	01	9	26	4	2	3	4	7.6	26.8	66	20	6
	150	FOUAD (Airport)	01	7	27	3	1	5	6	7.4	28	62	20	0
	159	DAMIETTA	00	8	28	3	0	0	—	6.2	28.0	77	24	0
	161	PORT SA'ID	00	7	32	3	0	0	—	6	30	55	20	0
	135	EL 'ARISH	00	9	30	4	0	0	—	6.2	28.5	78	16	0
LOWER EGYPT	136	DAMANHUR	01	7	32	3	1	3	8	7.2	28.8	62	20	0
	137	MANSURA	01	8	24	1	1	5	8	6.4	32.2	41	17	0
	138	TANTA	00	8	24	1	1	2	8	6.7	31.4	47	18	0
	139	ZAGAZIG	00	6	32	2	0	0	—	6.6	31.8	51	21	0
		SHIBIN EL KÔM	01	8	28	3	1	5	8	7.2	34.0	33	15	0
		ISMAILIA	00	8	24	1	0	0	—	5.8	34.0	27	12	0
CAIRO AREA	928	FAROUK (Airport)	00	7	28	4	0	0	—	6	32	34	14	0
	141	ALMAZA	00	7	24	2	0	0	—	6.0	32.0	40	17	0
		EZBEKIYA	00	8	24	2	0	0	—	6.4	31.5	36	14	0
		GIZA	00	8	24	2	0	0	—	6.4	32.9	39	17	0
	143	HELWAN	00	8	24	4	0	0	—	6.2	31.6	32	13	0
UPPER EGYPT	153	FAIYUM	00	8	30	1	0	0	—	6.4	30.1	51	19	0
		BENI SUEF	00	9	26	1	0	0	—	6.8	33.1	36	16	0
	162	MINYA	00	8	28	4	0	tr	1	7	36	17	07	0
	155	ASYUT	00	8	28	1	0	0	—	6.8	34.7	20	09	0
	164	NAG' HAMMADI	00	8	28	1	0	0	—	5.6	36.3	21	10	0
	156	QENA	00	9	24	2	0	0	—	4.2	40.0	16	10	0
	157	LUXOR	00	8	26	3	0	tr	1	4	39	17	10	0
	158	ASWAN	00	9	32	2	0	0	—	4.0	38.0	19	11	0
OASES	148	SIWA	00	8	26	4	0	0	—	11.5	32.2	55	22	0
	149	BAHARIYA	00	8	28	1	0	0	—	7.5	32.5	24	09	0
		FARAFRA												
	152	DAKHLA	00	9	28	2	0	0	—	7.6	37.3	13	05	0
	151	KHARGA	00	9	30	2	0	0	—	6.0	38.0	14	06	0
RED SEA	144	SUEZ	00	8	00	0	0	0	—	4.0	33.2	39	17	0
	145	TOR	00	8	28	2	0	0	—	—	34.8	28	13	0
	163	HURGHADA	00	9	02	2	0	0	—	5	30	46	23	0
	147	QUSEIR	00	8	32	2	0	0	—	4.4	32.6	52	22	0
	208	PORT SUDAN												
NORTH SUDAN	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA												
	209	KHARTUM												
	170	KASSALA												
CENTRAL SUDAN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FASHER												
	179	GENEINA												
SOUTH SUDAN	176	MALAKAL												
	177	WAU												
	178	JUBA												

At 1800 on 18th

STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
	ww	V	DD	F	W		C	PPP	TT	UU		
SIDI BARANI	14	8	26	4	0	3	8	9.5	22.6	74	18	0
MATRÛH	01	7	24	5	1	5	6	9	23	65	16	0
EL DABA	00	7	00	0	0	0	—		23.3	91	21	0
ALEXANDRIA	01	6	32	2	2	5	8	7.9	23.4	75	19	0
FOUAD (Airport)	01	7	28	3	1	7	6	7.6	24	74	19	0
DAMIETTA	00	7	28	2	1	1	8	6.6	24.5	87	21	0
PORT SA'ID	00	7	30	3	0	1	6	6	26	74	21	0
EL 'ARISH	00	9	32	3	0	0	—	6.3	25.6	90	24	0
DAMANHUR	00	7	32	3	0	0	—	7.6	24.2	78	20	0
MANSURA	00	6	28	2	1	0	—	7.4	25.6	70	20	0
TANTA	01	8	00	0	1	3	8	8.2	25.6	75	21	0
ZAGAZIG	00	6	32	2	0	0	—	7.5	26.5	73	21	0
SHIBIN EL KÔM	00	7	28	2	0	0	—	8.0	26.4	66	19	0
ISMAILIA	00	7	26	2	0	0	—	7.5	28.5	55	18	0
FAROUK (Airport)	00	8	28	3	0	0	—	6	29	52	18	0
ALMAZA	00	7	29	3	0	0	—	6.4	29.2	54	19	0
EZBEKIYA	00	7	30	1	0	0	—	6.8	27.8	55	18	0
GIZA	00	7	30	1	0	0	—	7.2	28.2	54	18	0
HELWAN	00	7	28	3	0	0	—	6.0	29.0	46	16	0
FAIYUM	00	8	30	2	0	0	—	6.8	29.4	43	15	0
BENI SUEF	00	9	26	1	0	0	—	6.6	28.1	40	13	0
MINYA	00	7	00	0	0	0	—	6	27	52	16	0
ASYUT	00	6	26	1	0	0	—	6.5	28.2	32	10	0
NAG' HAMMADI	00	8	00	0	0	0	—	5.4	28.2	49	16	0
QENA	00	6	24	2	0	0	—	4.3	32.4	22	08	0
LUXOR	00	7	26	2	0	0	—	4	34	22	09	0
ASWAN												
SIWA	00	6	00	0	0	0	—	9.2	29.8	60	21	0
BAHARIYA	00	7	00	0	0	0	—	7.1	29.0	31	10	0
FARAFRA												
DAKHLA	00	8	28	2	0	0	—	7.1	33.1	18	06	0
KHARGA	00	7	30	2	0	0	—	5.5	33.4	16	04	0
SUEZ	00	6	32	2	0	0	—	4.7	30.5	39	15	0
TOR	00	8	28	2	0	0	—	—	33.5	14	02	0
HURGHADA	00	8	29	4	0	0	—	3	31	26	09	0
QUSEIR	00	8	32	2	0	0	—	3.5	32.7	31	13	0
PORT SUDAN												
WADI HALFA												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on Monday 19th

STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. Maximum Yesterday	TEMPERATURE °C. Maximum Diff. from norm.	TEMPERATURE °C. Minimum Today	TEMPERATURE °C. Minimum Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
	ww	V	DD	F	W		C	PPP		TT	T_xT_x		T_nT_n		UU				
SIDI BARANI	14	9	29	5	1	8	8	9.1		23.3	26		22		62	15	0	171	—
MATRÛH	01	8	28	5	1	7	6	8		24	27		22		65	17	0	—	—
EL DABA	01	7	28	2	1	5	8			24.7	26		21		58	16	0	117	—
ALEXANDRIA	02	9	28	3	2	8	6	7.6	-2.0	24.7	28	-2	22	-1	58	16	0	209	156
FOUAD (Airport)	02	7	26	2	2	8	6	7.4		25	29		23		53	16	0	213	138
DAMIETTA	00	8	20	2	1	tr	8	7.1	-1.5	24.8	30		20		71	19	0	85	106
PORT SA'ID	00	7	22	3	0	2	6	7		25	31		23		65	18	0	56	—
EL 'ARISH	02	9	18	2	2	8	8	7.4	-1.2	23.8	29	-1	21	+1	68	22	0	—	94
DAMANHUR	02	6	28	2	2	8	4	7.9	-0.9	24.4	30	-3	19	-1	69	18	0	165	101
MANSURA	00	8	24	1	0	0	—	7.8	-0.9	25.0	34	-1	19	-2	64	18	0	73	55
TANTA	01	8	20	2	1	5	8	8.6	-0.6	26.0	32	-3	16	-3	59	17	0	26	44
ZAGAZIG	00	6	24	2	0	0	—	7.8	-1.5	28.8	34	-1	21	+2	55	19	0	36	27
SHIBIN EL KÔM	00	7	28	2	0	0	—	8.3	-1.1	25.9	35		19		61	18	0	34	—
ISMAILIA	01	7	30	1	1	5	6	7.8		26.8	35		22		57	18	0	21	—
FAROUK (Airport)	00	7	24	4	0	0	—	9		24	33		21		61	16	0	—	—
ALMAZA	01	7	28	2	1	5	6	7.7	-1.3	23.8	33		18		63	16	0	25	—
EZBEKIYA	00	7	24	2	1	tr	8	8.4	-0.6	24.5	34	-2	21	-1	60	16	0	32	26
GIZA	00	7	24	2	1	tr	8	8.6	-0.4	25.7	35	0	20	+1	63	18	0	31	27
HELWAN	00	7	26	1	0	0	—	8.2	-0.8	22.6	33	-2	20	-1	66	16	0	19	29
FAIYUM	00	8	30	1	0	0	—	8.3	-0.7	24.4	34	-3	21	0	65	17	0	11	8
BENI SUEF	00	9	02	1	0	0	—	8.4		24.7	35		20		60	19	0	11	—
MINYA	00	7	31	3	0	0	—	8		25	36		19		70	19	0	12	—
ASYUT	00	7	26	1	0	0	—	8.2	0.0	26.6	36	-1	20	-3	52	16	0	dr	4
NAG' HAMMADI	00	8	00	0	0	0	—	6.7	-0.4	28.5	38		18		34	11	0	0	—
QENA	00	8	24	2	0	0	—	6.7	0.0	29.0	41	+1	21	-3	33	11	0	5	—
LUXOR	00	8	20	1	0	0	—	7		31	40		23		31	12	0	dr	—
ASWAN	00	9	32	2	0	0	—	6.3	-0.8	30.5	41	0	26	0	23	06	0	dr	—
SIWA	00	7	28	1	0	0	—	11.6	-0.1	22.9	34	-4	18	-3	88	21	0	23	8
BAHARIYA	00	7	32	1	0	0	—	9.6	-0.3	21.4	34	-3	19	-1	70	15	0	18	7
FARAFRA																	0	—	—
DAKHLA	00	8	28	2	0	0	—	9.7	+1.1	25.8	38	-1	20	-3	25	04	0	dr	—
KHARGA	00	9	30	3	0	0	—	8.7	+1.0	29.2	39	-1	23	0	27	08	0	0	—
SUEZ	00	7	00	0	0	1	8	6.8	-1.4	24.8	36	0	22	-1	64	18	0	—	17
TOR	00	8	28	1	0	0	—	—	—	28.5			26	+2	76	23	0	0	13
HURGHADA	00	8	30	5	0	0	—	5		28	32		27		66	21	0	1	3
QUSEIR	00	8	28	2	0	0	—	5.5	-0.6	32.4	34	0	26	-1	52	21	0	0	4
PORT SUDAN																	0	291	99
WADI HALFA	00	8	02	2	0	tr	1	7		29			22		14	-1	0	tr	—
KAREIMA	01	8	08	1	0	5	1	7		30			25		40	15	0	tr	7
'ATBARA	05	5	20	4	1	8	2	7		30					46	17	1	3	26
KHARTUM	02	8	20	3	1	9	4	9					26			17	0	8	48
KASSALA	01	8	14	4	1	7	4,1	10		28					50	17	0	28	105
WAD MEDANI																	1	126	129
RENK																			242
ROSEIRES																	7	301	357
EL OBEID	01	8	18	3	1	5	8,4	10		26			23		50	18	0	191	127
EL FASHER	01	8	12	2	1	3	4,1	—		25					74	20	0	34	83
GENEINA	01	8	20	4	1	7	4,1	—		24					89	21			168
MALAKAL																	0	387	429
WAU	03	8	00	0	0	10	4,5	13		23					89	21	0	504	648
JUBA																	0	541	677

UPPER AIR OBSERVATIONS on 18th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT — ON 18th AT 15.30

HEIGHT FEET	PRESSURE mbs	DRY °C	WET °C
SURFACE	997	30	23
500	972	30	22
1000	952	29	21
1500	950	29	21
2000	900	24	18
2500	850	19	16
3000	800	18	07
3500	750	17	06
4000	700	14	4
4500	650	11	2
5000	600	08	-1
5500	550	4	-1
6000	500	-2	-4
6500	450	-6	-7

FAROUK AIRPORT — RAWINSONDE — ON 19th AT 03h

SURFACE PRESSURE mbs	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		21	88	280	11
1000					
950					
900	3200	17	65	270	12
850	4800	16	25	270	16
800	6500	17	—	300	25
700	10340	12	—	270	8
600	14520	6	—	280	14
500	19340	-2	—	360	11
400					
300	32140	-22	—	230	31
250					
200					
150					
100					

STATION	Matruh	Fouad A.P.	P.Said									
TIME	14	15	14									
HEIGHT m	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV
200	320 20	320 13	360 21									
500	290 30	340 16	310 26									
1000	310 27	350 10	280 10									
1500	300 20	Est Sc	80 16									
2000			60 10									
3000												
4000												
5000												
6000												
7000												
8000												

UPPER AIR OBSERVATIONS on 19th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARANI	MATRÛH	FOUAD AIRPORT	PORT SAID	FAROUK AIRPORT	ALMAZA	HELWAN	MINYA	ASYUT	LUXOR	ASWAN	SIWA
TIME		4	3 30	3 30	3		6 30				5	5
HEIGHT m	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV
200		310 22	270 9	260 14	300 05		300 7				340 6	320 13
500		320 21	290 10	240 10	320 07		310 8				360 16	340 20
1000		330 29	300 11	300 03	270 10		240 13				330 11	360 23
1500			Est Sc	200 08	270 14		260 16				310 30	320 20
2000				290 16	360 14		270 16				290 25	270 20
3000					280 07							300 16
4000												270 18
5000												290 17
6000					290 10							
7000												
8000												

STATION	BAHARIYA	DAKHLA	KHARGA	HURGHADA	WADI HALFA	ABU HAMAD	KAREIMA	KHARTUM	KASSALA	EL OBEID	EL FASHER	MALAKAL
TIME		5	7									
HEIGHT m	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV
200		330 14	360 10									
500		340 21	360 12									
1000		330 19	350 13						190 15			
1500		350 10	10 12						190 18			
2000		300 51							190 28			
3000									220 15			
4000												
5000												
6000												
7000												
8000												

HUMIDITY

Mean for day

STATION	on 18th	Diff. from normal
Alexandria	70	-5
Ezbekiya	56	-3
Giza	52	-7
Helwan	56	+8

GIZA GRASS MINIMUM TEMP. ON 19th 18.0°

Remarks

Printed by the Survey of Egypt 1948 (48, 195)

Note: All times G.M.T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

WIND FORCE (F)

	KPH	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

LIBRARY

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on:
MONDAY 19th JULY 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 06 G.M.T.

" " Sunset 16 55 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: TUESDAY 20th JULY, 1948.

At 1200 on Monday 19th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARANI	14	9	28	4	1	8	6	10.0	25.5	64	18	0
	160	MATRŪH												
	134	EL DABA												
	132	ALEXANDRIA	01	8	26	4	2	5	8	8.4	26.4	57	17	0
	150	FOUAD (Airport)	01	7	26	3	1	5	6	8.2	27	55	17	0
	159	DAMIETTA	00	8	30	3	0	0	—	6.8	27.6	66	21	0
	161	PORT SA'ĪD	00	6	25	3	0	0	—	7	30	38	14	0
	135	EL 'ARISH	00	9	32	5	0	0	—	7.0	27.7	84	25	0
Lower Egypt	136	DAMANHUR	01	7	24	3	1	5	8	7.9	29.2	55	19	0
	137	MANṢURA	01	8	28	2	1	3	8	7.6	30.2	45	17	0
	138	ṬANṬA	00	8	28	4	1	0	—	7.9	31.0	42	17	0
	139	ZAGAZIG	00	6	24	2	0	0	—	7.7	31.2	53	20	0
		SHIBĪN EL KÔM	00	8	28	3	0	0	—	7.9	32.8	30	13	0
		ISMA'ILĪA	00	7	26	1	0	0	—	6.8	32.4	33	14	0
Cairo Area	928	FAROUK (Airport)	00	8	32	3	0	0	—	8	31	46	18	0
	141	ALMÂZA	00	8	26	1	0	0	—	7.6	31.0	39	16	0
		EZBEKĪYA	00	8	30	2	0	0	—	7.4	31.0	39	15	0
		GÎZA	00	8	30	2	0	0	—	7.1	32.8	30	13	0
	143	ḤELWÂN	00	8	26	3	0	0	—	7.0	30.6	33	12	0
Upper Egypt	153	FAIYÛM	00	8	02	2	0	0	—	7.4	30.0	37	14	0
		BENI SUEF	00	9	26	1	0	0	—	7.6	33.2	34	15	0
	162	MINYA	00	8	31	3	0	0	—	7	34	19	07	0
	155	ASYÛT	00	8	28	2	0	0	—	7.2	33.2	20	07	0
	164	NAG' ḤAMMÂDI	00	8	24	1	0	0	—	5.8	35.2	27	13	0
	156	QENA	00	9	24	2	0	0	—	4.6	38.4	21	12	0
	157	LUXOR	00	8	28	3	0	0	—	5	37	11	02	0
	158	ASWÂN	00	9	28	1	0	0	..	4.7	38.5	11	02	0
Oases	148	SIWA	00	8	28	4	0	0	—	11.0	31.0	27	09	0
	149	BAḤARĪYA	00	8	28	2	0	0	—	8.2	31.0	37	14	0
		FARAFRA	00	8	28	1		tr	2	8.6	33.1	18	06	0
	152	DAKHLA	00	9	28	2	0	0	—	7.6	34.4	17	06	0
	151	KHARGA	00	9	30	2	0	0	—	6.0	36.4	17	07	0
Red Sea	144	SUEZ	00	8	00	0	0	0	—	6.7	33.1	30	13	0
	145	TÔR	00	9	28	3	0	0	—		33.5	43	19	0
	163	HURGHÂDA	00	8	01	4	0	0	—	5	29	66	22	0
	147	QUSEIR	00	8	02	2	0	0	—	5.2	30.0	59	21	0
	208	PORT SÛDÁN	05	5	06	3	1	tr	—		36	50	24	
North Sûdân	165	WADI HALFA	00	8	20	3	0	tr	1	4	39	10	02	0
	166	KAREIMA	00	8	18	3	1	0	—	3	41	20	14	0
	167	'ATBARA	05	6	18	2	1	5	4	3	39	23	14	0
	209	KHARTÛM	01	8					4					0
	170	KASSALA	01	8	20	2	1	7	8,1	6	35	35	17	0
Central Sûdân	171	WAD MEDANI	02	8	18	4	1	10	5	6	34	36	17	0
	182	RENK	01	9	10	3	1	7	—	8	32			0
	172	ROSEIRES	01	8	14	2	2	3	5	9	29	69	20	0
	174	EL OBEID	01	8	22	4	1	7	6,2	6	32	41	17	0
	175	EL FÁSHER	02	8	12	3	1	8	8	—	35	35	17	0
	179	GENEINA	02	8	18	3	1	8	8	—	30	52	19	0
S. Sûdân	176	MALAKÂL	01	8	16	1	1	5	8,4	10	30	69	21	0
	177	WÂU												0
	178	JUBA	01	8	30	2	1	3	8,4	9	34	47	21	0

At 1800 on 19th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARANI	00	9	28	3	0	0	—	12.0	22.6	75	16	0
ALEXANDRIA	01	6	02	2	2	5	8	9.8	24.0	69	18	0
FOUAD (Airport)	01	7	27	1	1	3	6	9.1	24	69	18	0
DAMIETTA	01	7	28	3	1	3	8	8.4	24.3	80	20	0
PORT SA'ĪD	00	7	29	3	0	1	6	8	25	65	18	0
EL 'ARISH	00	9	30	3	0	0	—	8.7	25.1	84	22	0
DAMANHUR	00	6	32	2	0	0	—	9.5	23.8	77	19	0
MANṢURA	00	6	32	2	1	0	—	9.0	25.0	64	18	0
ṬANṬA	00	8	28	1	0	0	—	9.6	24.8	71	19	0
ZAGAZIG	00	6	32	2	0	0	—	9.9	24.7	70	19	0
SHIBĪN EL KÔM	00	7	28	2	0	0	—	9.3	24.8	69	19	0
ISMA'ILĪA	00	7	04	1	0	0	—	8.8	27.5	47	15	0
FAROUK (Airport)	00	7	30	4	0	0	—	9	27	48	15	0
ALMÂZA	00	7	30	3	0	0	—	8.3	27.8	52	17	0
EZBEKĪYA	00	7	30	1	0	0	—	9.0	26.6	50	16	0
GÎZA	00	7	30	1	0	0	—	8.7	27.0	50	16	0
ḤELWÂN	00	7	28	3	0	0	—	8.0	27.8	45	15	0
FAIYÛM	00	8	32	1	0	0	—	8.5	28.9	47	16	0
BENI SUEF	00	9	10	1	0	0	—	9.1	28.1	43	14	0
MINYA	00	7	01	1	0	0	—	8	29	33	11	0
ASYÛT	00	6	30	1	0	0	—	7.9	28.0	44	15	0
NAG' ḤAMMÂDI	00	8	00	0	0	0	—	7.4	27.0	42	13	0
QENA	00	6	24	2	0	0	—	6.5	31.2	24	08	0
LUXOR	00	7	26	2	0	0	—	6	32	17	04	0
ASWÂN	00	9	32	2	0	0	—	5.8	35.0	10	-1	0
SIWA	00	6	00	0	0	0	—	10.6	30.0	37	14	0
BAḤARĪYA	00	7	28	1	0	0	—	8.6	28.7	42	15	0
FARAFRA	00	7	32	1	0	0	—	—	30.4	20	05	0
KHARGA	00	7	02	2	0	0	—	7.0	31.8	18	05	0
SUEZ	00	6	00	0	0	0	—	6.7	29.0	45	16	0
TÔR	00	8	28	2	0	0	—	—	30.5	49	18	0
HURGHÂDA	00	8	29	4	0	0	—	5	30	55	20	0
QUSEIR	00	8	02	1	0	0	—	5.0	30.0	51	19	0

At 0600 on Tuesday 20th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Max. Yesterday TxTx	Diff. from norm.	Min. Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	Area
SĪDI BARÂNI	00	9	28	4	0	0	—	15.0		24.0	27		22		72	18	0	171	—	Mediterranean
MATRÛḤ	00	7	30	4	1	0	—	14		25			22		74	20	0	—	—	
EL DABA'																	0	117	—	
ALEXANDRIA	01	8	32	3	2	5	4	12.0	+2.4	25.0	26	-4	22	-1	62	17	0	209	186	
FOUAD (Airport)	01	9	28	3	0	5	6	11.5		26	27		24		62	18	0	213	138	
DAMIETTA	01	8	28	3	1	5	8	11.5	+3.0	25.2	29		19		68	19	0	85	106	
PORT SA'ĪD	00	7	24	2	1	tr	6	11		25	30		23		74	20	0	56	—	
EL 'ARISH	01	9	24	2	1	5	8	10.4	+1.8	27.8	29	-1	23	+3	62	20	0	—	94	
DAMANHÛR	01	7	28	3	1	5	8	11.2	+2.4	25.6	29	-4	19	-1	66	19	0	105	101	Lower Egypt
MANṢÛRA	01	7	32	2	1	3	4	11.4	+2.7	26.5	32	-3	20	-1	65	19	0	73	55	
ṬANṬA	00	8	28	1	0	0	—	12.0	+2.8	25.0	31	-4	16	-3	70	19	0	26	44	
ZAGAZIG	00	6	24	3	1	5	8	11.5	+2.2	28.4	33	-2	19	-1	64	20	0	36	27	
SHIBÎN EL KÔM	00	7	28	2	0	0	—	11.5	+2.2	25.9	34		20		62	18	0	34	—	
ISMAÎLÎA	00	7	24	1	0	0	—	12.0		26.1	33		21		62	18	0	21	—	
FAROUK (Airport)	01	7	02	1	1	5	6	11		24	32		20		74	19	0	—	—	Cairo Area
ALMÂZA	01	7	30	2	1	5	8	11.1	+2.1	24.6	32		21		70	19	0	25	—	
EZBEKÎYA	02	7	04	1	2	8	8	11.4	+2.4	24.9	33	-3	21	-1	68	19	0	32	26	
GÎZA	02	7	04	1	2	8	8	11.4	+2.4	25.4	34	-1	19	0	65	18	0	31	27	
ḤELWÂN	01	6	28	1	2	5	8	11.4	+2.4	24.1	32	-3	20	-1	71	18	0	19	29	
FAIYÛM	02	8	30	2	2	8	8	11.6	+2.6	25.2	33	-4	21	0	72	20	0	11	8	Upper Egypt
BENI SUEF	00	9	02	1	0	0	—	11.6		26.8	34		19		59	18	0	11	—	
MINYA	00	7	01	4	0	0	—	12		24	34		20		69	18	0	12	—	
ASYÛT	00	7	26	1	0	0	—	11.8	+3.6	26.1	34	-3	19	-4	55	16	0	dr	4	
NAG' ḤAMMÂDI	00	8	00	0	0	0	—	10.6	+3.6	26.4	35		17		48	14	0	0	—	
QENA	00	8	26	2	0	0	—	9.4	+2.7	31.0	40	0	22	-2	32	12	0	6	—	
LUXOR	00	8	00	0	0	0	—	10		31	39		21		28	10	0	dr	—	
ASWÂN																	0	dr	—	
SIWA	00	7	00	0	0	0	—	15.4	+3.7	24.5	33	-5	19	-2	74	19	0	23	8	Oases
BAHARIYA	01	7	32	2	1	5	4	13.2	+3.3	23.5	33	-4	20	0	79	19	0	18	7	
FARAFRA	00	7	32	2	0	0	—	13.9	—	24.4	34		19		61	16	0	—	—	
DAKHLA	00	8	28	2	0	0	—	12.8	+4.2	27.4	36	-3	21	-2	34	10	0	dr	—	
KHARGA	00	9	06	2	0	0	—	11.1	+3.4	28.9	37	-3	21	-2	36	13	0	0	—	
SUEZ	00	8	00	0	0	tr	8	11.1	+2.9	25.7	36	0	22	-1	63	18	0	—	17	Red Sea
TOR	00	8	28	1	0	0	—	—	—	29.6			26	+2	41	15	0	0	13	
HURGHADA	00	9	30	5	0	0	—	8		27	30		24				0	1	3	
QUSEIR	00	8	32	3	0	0	—	7.9	+1.9	29.8	34	0	25	-2	48	18	0	0	4	
PORT SUDAN																	0	291	100	
WÂDI HALFA																	0	tr	—	North Sûdân
KAREIMA																	0	tr	7	
'ATBARA																	0	3	21	
KHARTÛM																	1	9	50	
KASSALA																	0	28	108	
WAD MEDANI																	1	126	134	Central Sûdân
RENK																			246	
ROSEIRES																	0	301	362	
EL OBEID																	0	191	130	
EL FÂSHER																	0	34	87	
GENEINA																			174	
MALAKAL																	0	387	435	S. Sûdân
WÂU																	11	515	654	
JUBA																	0	541	680	

HUMIDITY. Mean of day

Station	on 19th	Diff. from normal
Alexandria	62	-13
Ezbekíya	52	-7
Gíza	53	-6
Helwân	53	+5

GIZA GRASS MINIMUM TEMP. on 20th 15.6°

Remarks

UPPER AIR OBSERVATIONS on 19th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT on 19th at 15.45

Height feet	Pressure mbs	Dry °C	Wet °C
Surface			
500	998	31	22
1000	970	30	21
	951	29	20
[illegible]	950	29	20
[illegible]	900	24	18
[illegible]	850	19	14
[illegible]	800	18	8
[illegible]	750	17	6
[illegible]	700	14	3
[illegible]	650	11	2
[illegible]	600	8	-1
[illegible]	550	5	-3
[illegible]	500	-1	-4
[illegible]	450	-4	-6

FAROUK AIRPORT — RAWINSONDE on 20th at 03h

Pressure mbs	Height feet	Temp °C	Humidity %	Wind DD	Wind VV
Surface		21	79	300	4
1000	290	21	75	300	4
950					
900	3250	17	95	350	18
850	4830	17	35	310	10
800	6520	15	25	270	10
700	10210	13	25	310	16
600	14400	5	15	290	14
500	19200	-7	—	300	11
400					
300					
250					
200					
150					
100					

Height m	Matruh DD	Matruh VV	Fouad AP DD	Fouad AP VV	P. Said DD	P. Said VV
Time	14 30		15		15 15	
200	320	20	310	15	330	29
500	320	14	320	19	330	30
1000	350	20	320	17	330	28
1500	360	22			320	12
2000	10	23				
3000–8000						

Height m	Atbara DD	Atbara VV	Malakal DD	Malakal VV	Juba DD	Juba VV
Time	10 45		9		9 15	
200						
500	330	8	140	3		
1000	240	10	170	8	90	2
1500	260	05	70	4	60	9
2000	260	05	90	5	100	8
3000			240	12	150	11
4000			210	9		
5000–8000						

UPPER AIR OBSERVATIONS on 20th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Station	Sîdi Barâni	Matrûh	Fouad Airport	Port Saîd	Farouk Airport	Almâza	Helwân	Minya	Asyût	Luxor	Aswân	Siwa
Time		4	3	3 30	3							5
200		330 17	310 10	330 11	340 9		330 8					30 13
500		350 20	310 11	330 13	300 14		350 9					50 16
1000		340 23	310 13	330 12	350 17		350 9					50 14
1500		350 18	320 18		310 10							40 11
2000		350 15	320 20		280 9							10 13
3000		320 18			310 16							330 17
4000												360 14
5000												
6000					290 10							
7000												
8000					200 31							

Station	Bahariya	Dakhla	Kharga	Hurghada	Wâdi Halfa	Abu Hamâd	Kareima	Khartûm	Kassala	El Obeid	El Fâsher	Malakal
Time		5	6									
200		340 19	360 11									
500		340 23	340 16									
1000		330 20	340 13									
1500		330 16	250 8									
2000		320 14										
3000		330 15										
4000–8000												

PRESENT WEATHER (ww)

Clear 00; Partly cloudy 01; Cloudy 02; Overcast 03; Low Fog 04; Thin Haze 05; Dust Devils 06; Distant Lightning 07; Light Mist or Haze 08; Distant Fog 09; Rain in sight 10; Thunder, no rain 11; Distant Duststorm 12; Squally 14; Slight Duststorm 18; Rain in past hour 20-29; Slight Thunderstorm 28; Heavy Thunderstorm 29; Duststorm 30-34; Fog or Thick Haze 40-49; Mod. Fog in last hour 41; Thick ,, ,, ,, ,, 42; Fog in patches 49; Drizzle 50-59; Rain 60-69; Rain and Fog 67; Rain and Snow 68, 69; Snow 70-79; Showers 80-89; ,, of Snow 83, 84; ,, of Sleet 85, 86; ,, of Hail 88, 89; Thunderstorm 90-99; ,, ended, now Rain 91; ,, with Hail 94-96; ,, with Duststorm 98; ,, heavy, with Hail 99

PAST WEATHER (W)

Clear, slight cloud 0; Variable sky 1; Mainly overcast 2; Sandstorm, Duststorm 3; Fog, thick dust haze 4; Drizzle 5; Rain 6; Snow, sleet 7; Showers 8; Thunderstorm 9

VISIBILITY (V)

Objects not visible at 50 metres 0; 200 ,, 1; 500 ,, 2; 1 Kilometre 3; 2 ,, 4; 4 ,, 5; 10 ,, 6; 20 ,, 7; 50 ,, 8; Visible over 50 kms. 9

CLOUD FORM (C)

Cirrus 1; Cirro-stratus 2; Cirro cumulus 3; Alto cumulus 4; Alto stratus 5; Strato cumulus 6; Nimbo stratus 7; Cumulus 8; Cumulo nimbus 9; Stratus 0

WIND FORCE (F)

	K P H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

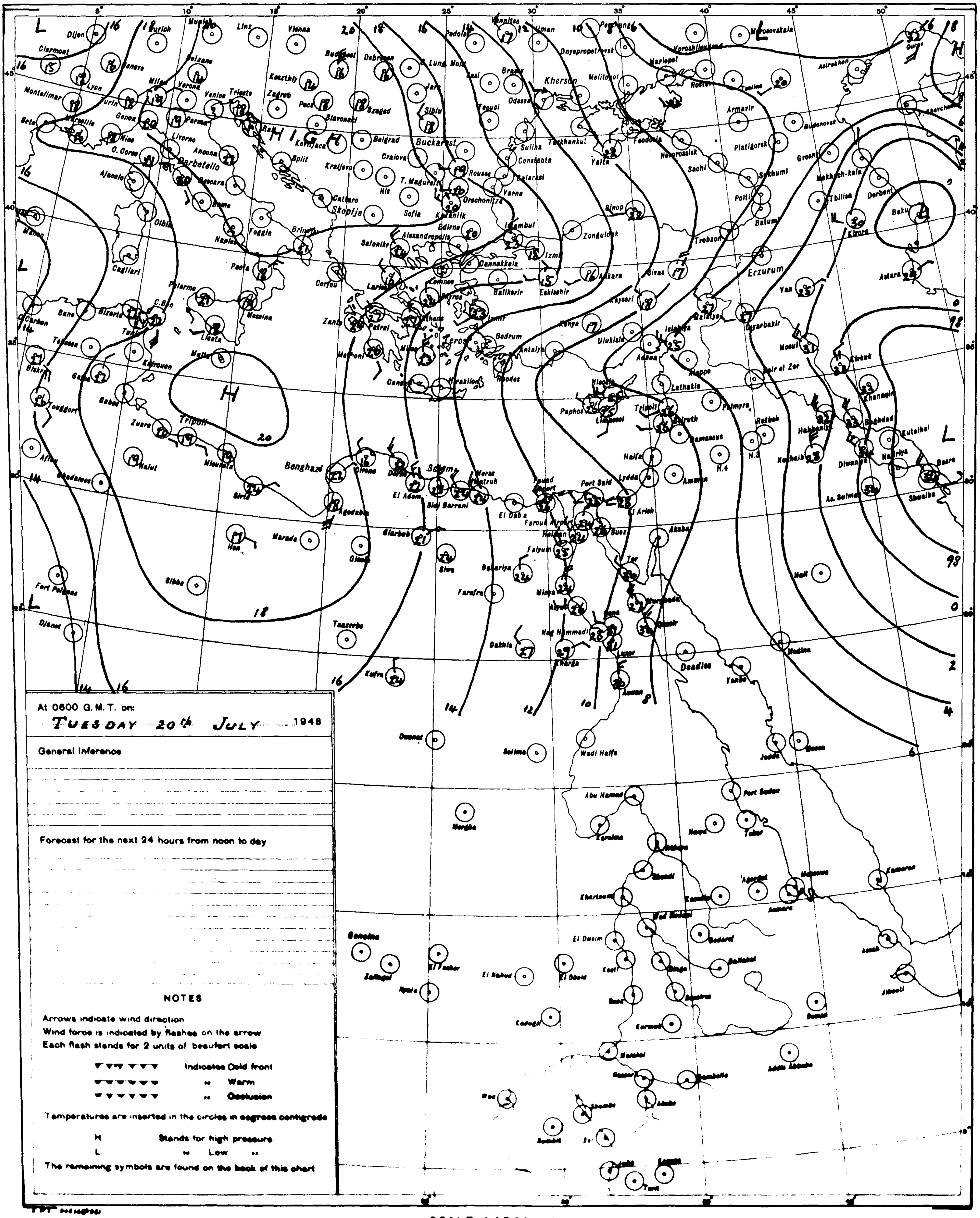
Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

LIBRARY

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G. M. T. on:

TUESDAY 20th JULY 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction

Wind force is indicated by flashes on the arrow

Each flash stands for 2 units of beaufort scale

▼▼▼ ▼▼▼ Indicates Cold front

▼▼▼▼▼▼ „ Warm

▼▼▼▼▼▼ „ Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure

L „ Low „

The remaining symbols are found on the back of this chart

SCALE 1 15.000.000

CAIRO
Time of Sunrise 03 07 G.M.T.
" " Sunset 16 55 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date : WEDNESDAY 21st JULY , 1948.

At 1200 on Tuesday 20th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C TT	HUMIDITY % UU	DEW POINT °C	RAIN 6-12 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI	00	9	28	4	0	0	—	15.2	25.5			
	160	MATRÛH	00	8	29	5	0	0	—	15	27	62	19	0
	134	EL DABA	00	8	28	4	0	0	—		26.3	56	16	0
	132	ALEXANDRIA	01	7	30	4	2	5	4	12.2	26.8	57	17	0
	150	FOUAD (Airport)	01	7	27	5	1	3	6	11.7	27	62	19	0
	159	DAMIETTA	00	7	28	4	1	0	—	10.2	28.9	64	19	0
	161	PORT SAÏD	00	7	31	3	0	0	—	10	28	58	19	0
	135	EL 'ARISH	00	9	30	3	0	0	—	10.0	27.4			0
LOWER EGYPT	136	DAMANHUR	01	7	28	4	1	3	8	10.8	28.0	61	20	0
	137	MANŞURA	01	8	28	2	1	5	4	10.6	31.5	39	16	0
	138	TANTA	01	8	28	3	1	5	8	11.2	30.0	47	17	0
	139	ZAGAZIG	00	6	24	2	6	0	—	10.6	31.8	51	21	0
		SHIBÎN EL KÔM	00	8	28	3	0	0	—	9.6	33.8	24	10	0
		ISMAÏLÍA	01	8	02	2	1	5	4	9.6	32.8	39	17	0
CAIRO AREA	928	FAROUK(Airport)	00	7	28	4	0	0	—	10	31	38	15	0
	141	ALMÂZA	00	8	28	2	0	0	—	9.8	30.6	39	15	0
		EZBEKÎYA	00	8	28	2	0	0	—	10.0	31.7	33	14	0
		GÎZA	00	8	28	2	0	0	—	9.8	32.0	45	19	0
	143	HELWÂN	00	8	26	4	0	0	—	9.9	30.1	29	10	0
UPPER EGYPT	153	FAIYÛM	00	8	32	1	0	0	—	9.9	31.1	37	15	0
		BENI SUEF	00	9	02	3	0	0	—	10.2	32.9	34	15	0
	162	MINYA	00	8	01	4	0	0	—	10	33	32	14	0
	155	ASYÛT	00	8	26	1	0	0	—	10.3	32.0	33	14	0
	164	NAG' HAMMÂDI												
	156	QENA	00	9	26	3	0	0	—	6.7	38.0	22	13	0
	157	LUXOR	00	8	28	3	0	tr	1	7	36	14	05	0
	158	ASWÂN	00	9	31	2	0	0	—	6.6	38.6	11	03	0
OASES	148	SIWA	00	8	00	0	0	0	—	14.8	32.6	42	17	0
	149	BAHARÎYA	00	8	28	1	1	0	—	11.5	31.8	37	15	0
		FARAFRA												
	152	DAKHLA	00	8	28	1	0	0	—	10.5	30.9	24	08	0
	151	KHARGA	00	9	30	2	0	0	—	8.8	32.2	19	06	0
RED SEA	144	SUEZ	00	8	32	3	0	0	—	8.2	32.1	34	14	0
	145	TÛR	00	8	28	4	0	0	—	—	31.1	42	16	0
	163	HURGHÂDA	00	9	32	4	0	0	—	7	29	66	22	0
	147	QUSEIR	00	8	32	2	0	0	—	6.7	30.2	64	23	0
	208	PORT SUDÂN	00	8	04	3	1	2	2	4	36	37	19	0
NORTH SUDAN	165	WADI HALFA	00	8	32	4	1	1	2	7			01	0
	166	KAREIMA	01	8	28	3	1	3	3	5	41	16	10	0
	167	'ATBARA	00	7	31	3	0	1	4	5	42	16	11	0
	209	KHARTÛM	11	8	24	1	1	8	9	5	37	24	13	0
	170	KASSALA	01	8	24	2	1	5	8,1	6	36	35	18	0
CENTRAL SUDAN	171	WAD MEDANI	05	8	22	3	1	8	6	6	36	31	16	0
	182	RENK	01	9	20	2	1	5	1	7	32	49	20	0
	172	ROSEIRES												0
	174	EL OBEID	02	9	24	3	1	9	8,4	6	34	53	23	0
	175	EL FASHER	01	8	24	1	1	3	8,4	—	34	32	15	0
	179	GENEINA	01	8	24	3	1	5	8,1	—	31	49	19	0
SOUTH SUDAN	176	MALAKÂL	01	8	20	2	1	5	8	9	31	49	19	0
	177	WÂU	02	8	26	2	1	10	4,5	14	29	62	21	0
	178	JUBA	02	8	28	1	1	10	5	13	26	95	26	0

At 1800 on 20th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C TT	HUMIDITY % UU	DEW POINT °C	RAIN 12-18 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI	09	8	28	3	9	0	—	13.1	22.9	79	19	0
	160	MATRÛH												
	134	EL DABA	00	6	30	2	0	0	—		27.8	71	22	0
	132	ALEXANDRIA	01	6	32	3	2	5	8	12.4	24.2	80	20	0
	150	FOUAD (Airport)	00	7	29	4	1	2	6	11.7	24			
	159	DAMIETTA	01	7	28	3	1	5	6	10.2	25.0	77	21	0
	161	PORT SAÏD	01	7	30	4	0	5	6	10	26	70	20	0
	135	EL 'ARISH	00	9	32	3	0	0	—	10.4	24.8	80	21	0
LOWER EGYPT	136	DAMANHUR	01	7	28	3	1	5	8	11.5	22.4	82	19	0
	137	MANŞURA	01	8	28	2	1	5	6	11.1	25.2	71	19	0
	138	TANTA	00	8	28	1	1	0	—	11.8	24.0	78	20	0
	139	ZAGAZIG	00	6	24	2	0	0	—	11.6	25.0	67	18	0
		SHIBÎN EL KÔM	00	7	30	2	0	0	—	10.2	26.4	58	17	0
		ISMAÏLÍA	00	7	04	1	0	0	—	10.6	27.5	47	16	0
CAIRO AREA	928	FAROUK(Airport)	00	7	30	4	0	1	6	11	27	76	17	0
	141	ALMÂZA	00	7	28	3	0	0	—	10.6	26.9	59	17	0
		EZBEKÎYA	00	7	30	2	0	0	—	11.2	26.1	59	17	0
		GÎZA	00	7	30	2	0	0	—	11.1	26.3	55	16	0
	143	HELWÂN	00	7	28	3	0	0	—	10.6	26.7	51	16	0
UPPER EGYPT	153	FAIYÛM	00	8	32	2	0	0	—	10.0	27.0	52	16	0
		BENI SUEF	00	9	02	2	0	0	—	10.4	27.7	48	16	0
	162	MINYA												
	155	ASYÛT	00	6	28	1	0	0	—	9.8	28.0	39	13	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	—	7.5	27.4	42	13	0
	156	QENA	00	6	24	2	0	0	—	6.8	29.4	36	13	0
	157	LUXOR	00	7	26	3	0	0	—	7	32	24	09	0
	158	ASWÂN	00	9	32	1	0	0	—	7.4	36.0	10	00	0
OASES	148	SIWA	00	6	32	2	0	0	—	13.9	30.2	55	20	0
	149	BAHARÎYA	00	7	32	2	0	0	—	11.4	29.0	29	09	0
		FARAFRA												
	152	DAKHLA	00	8	28	3	0	0	—	10.7	33.0	31	14	0
	151	KHARGA	00	7	02	2	0	0	—	8.7	31.3	21	06	0
RED SEA	144	SUEZ	00	6	32	4	0	0	—	9.1	28.1	57	19	0
	145	TÛR	00	8	28	3	0	0	—	—	30.8	39	15	0
	163	HURGHÂDA	00	8	29	4	0	0	—	6	29	59	20	0
	147	QUSEIR	00	8	32	2	0	0	—	6.3	29.7	55	20	0
	208	PORT SUDÂN												
NORTH SUDAN	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SUDAN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FASHER												
	179	GENEINA												
SOUTH SUDAN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 0600 on Wednesday 21st

AREA	INDEX NUMBER	STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR. PRESSURE M.S.L. mbs. PPP	Diff. from normal mbs	TEMPERATURE °C Dry Bulb TT	MAXIMUM Yesterday T_xT_x	MAXIMUM Diff. from norm.	MINIMUM Today T_nT_n	MINIMUM Diff. from norm.	HUMIDITY % UU	DEW POINT °C	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. from Oct. 1
MEDITERRANEAN		SIDI BARÂNI																			
		MATRÛH	00	8	29	5	0	0	—	14		25			22		79	21	0	—	—
		EL DABA'	00	8	30	2	0	0	—	13.2		26.3			22		65	19	0	117	—
		ALEXANDRIA	01	9	28	3	2	5	8	12.3	+2.7	25.4	27	-3	22	-1	67	18	0	209	186
		FOUAD (Airport)	01	7	28	1	1	3	6	11.5		25			23		70	19	0	213	138
		DAMIETTA	00	7	20	3	1	0	—	10.4	+1.9	26.1	28		23		74	21	0	85	106
		PORT SAÏD	00	7	30	2	0	tr	6	10		26	28		24		70	20	0	56	—
		EL 'ARISH	00	9	20	2	0	0	—	10.4	+1.8	26.6	29	-1	20	-1	71	21	0	—	94
LOWER EGYPT		DAMANHUR	01	6	24	3	1	5	8	11.5	+2.7	25.4	29	-4	20	0	75	18	0	165	101
		MANŞURA	01	8	28	2	1	3	4	11.1	+2.5	26.8	32	-3	22	+1	69	21	0	73	55
		TANTA	00	8	28	1	0	0	—	11.8	+2.6	26.0	30	-5	18	-1	69	20	0	26	44
		ZAGAZIG	01	6	24	2	1	5	8		+0.6	30.6	33	-2	20	0	65	23	0	36	27
		SHIBÎN EL KÔM	00	7	28	2	0	0	—	11.8	+2.5	26.1	34		20		59	17	0	24	—
		ISMAÏLÍA	02	6	32	1	2	8	6	12.0		28.0	33		20		69	22	0	21	—
CAIRO AREA		FAROUK(Airport)	01	7	30	1	1	7	6	11		25	32		21		74	20	0	—	—
		ALMÂZA	02	7	32	1	2	8	6	10.6	+1.6	24.4			21		82	20	0	25	—
		EZBEKÎYA	01	7	28	2	2	5	6	11.4	+2.4	24.6	33	-3	22	0	81	21	0	32	26
		GÎZA	01	7	28	2	2	5	6	11.4	+2.5	25.4	33	-2	22	+3	76	20	0	31	27
		HELWÂN	01	6	32	1	1	5	8	11.1	+2.1	24.5	32	-3	22	+1	69	18	0	19	29
UPPER EGYPT		FAIYÛM	02	8	30	2	2	8	8	10.8	+1.8	25.4	33	-4	21	0	73	20	0	11	8
		BENI SUEF	00	9	02	1	0	0	—	11.1		27.2	34		21		60	19	0	11	—
		MINYA	01	7	01	4	2	5	6	11		24			20		79	20	0	12	—
		ASYÛT	01	7	28	2	1	5	6	11.0	+2.8	24.1	33	-4	21	-1	67	15	0	05	4
		NAG' HAMMÂDI	00	8	24	1	0	0	—	9.0	+2.0	25.3	34		20		64	18	0	0	—
		QENA	00	8	24	2	0	0	—	8.8	+2.1	30.0	39	-1	22	-2	42	16	0	5	—
		LUXOR	00	8	32	3	0	0	—	8		28	37		23		45	15	0	0	—
		ASWÂN	00	9	30	1	0	0	—	9.0	+2.0	27.5	39	-2	24	-2	38	11	0	0	—
OASES		SIWA	00		24	2	0	0	—	15.8	+4.2	22.7	34	-4	18	-3	77	19	0	23	8
		BAHARIYA	01	7	32	1	1	3	4	12.4	+3.5	22.5	33	-4	21	+1	74	17	0	18	7
		FARAFRA																	0	—	—
		DAKHLA	00	8	28	4	0	0	—	11.0	+2.4	25.4	35	-4	22	-1	47	13	0	04	—
		KHARGA	00	9	30	2	0	0	—			24.8	36	-4	22	-1	61	17	0	0	—
RED SEA		SUEZ	01	7	00	0	1	3	8	10.3	+2.1	25.2	34	-2	22	-1	69	19	0	—	17
		TOR	00	8	28	2	0	0	—	—	—	27.0			25	+1	60	18	0	0	13
		HURGHADA	00	9	30	5	0	0	—	8		26	30		25		58	17	0	1	3
		QUSEIR	00	8	32	3	0	0	—	6.8	+0.8	28.6	32	-2	26	-1	60	20	0	0	4
		PORT SUDAN																	0	291	100
NORTH SUDAN		WADI HALFA	02	8	32	1	1	9	1	9		28					40	13	0	4	—
		KAREIMA	01	8	04	1	1	3	2	8		32					29	12	0	4	8
		'ATBARA	00	8	20	1	1	2	1	8		31					29	11	0	3	21
		KHARTÛM																	3	12	52
		KASSALA	00	8	16	3	1	0	—	11		27					42	13	0	28	111
CENTRAL SUDAN		WAD MEDANI																	0	126	139
		RENK																			250
		ROSEIRES																	9	310	368
		EL OBEID	02	8	24	3	1	10	4,4	11		24					84	21	3	194	134
		EL FASHER	02	8	00	0	1	10	4	—		23					89	21	33	67	91
		GENEINA																			180
SOUTH SUDAN		MALAKÂL																	0	387	441
		WÂU																	7	522	660
		JUBA																	22	563	684

HUMIDITY

Mean for day

STATION	on 20th	Diff. from normal
Alexandria	69	-6
Ezbekiya	60	+1
Giza	56	-4
Helwan	58	+9

GIZA

GRASS MINIMUM TEMP. ON 21st 20.0 °C

Remarks

UPPER AIR OBSERVATIONS on 20th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT ON 20th AT 15.30

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C
SURFACE	1000	29	22
500	970	29	20
1000	954	28	19
1500	950	28	19
2000	900	22	17
4000	850	18	14
5000	800	19	7
7000	750	17	6
9000	700	16	4
11000	650	14	4
13000	600	10	2
15000	550	6	-2
18000	500	0	-3
20000	450	-3	-4

FAROUK AIRPORT — RAWINSONDE ON 21st AT 03h

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		22	87	330	3
1000	290	22	85	300	3
950					
900	3170	14	55	30	14
850	4880	16	75	20	24
800	6550	15	15	360	21
700	10250	15	—	360	20
600	14460	7	—	340	17
500	19200	0	—	310	19
400					
300					
250					
200					
150					
100					

STATION		Fouad Af.		P. Said									
TIME		15		14	15								
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			330	13	320	23								
500			340	18	310	17								
1000			350	20	290	19								
1500			330	23										
2000														
3000														
4000														
5000														
6000														
7000														
8000														

STATION													
TIME													
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200														
500														
1000														
1500														
2000														
3000														
4000														
5000														
6000														
7000														
8000														

UPPER AIR OBSERVATIONS on 21st

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION		SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYUT		LUXOR		ASWÂN		S'WA	
TIME				4		3		3 30		3				7 30								5		5	
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			320	18	340	5	360	10	10	09			360	10							350	6	20	15
500			330	17	330	4	360	14	20	13			10	17							340	16	30	21
1000			360	36	340	6	20	18	30	13			30	14							340	27	30	22
1500			360	33					20	22			20	23							330	25	10	12
2000									360	18			10	22							320	22	360	20
3000									360	17			350	17									350	12
4000																							10	16
5000																							10	19
6000									310	15													360	11
7000																								
8000																								

STATION		BAHARIYA		DAKHLA		KHARGA		HURGHADA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FASHER		MALAKÂL	
TIME				5		7																			
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			340	15	360	18																			
500			360	16	350	15																			
1000			340	25	350	19																			
1500			330	45	350	14																			
2000			330	78	330	58																			
3000																									
4000																									
5000																									
6000																									
7000																									
8000																									

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50 59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94 96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto stratus	5
Strato cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo nimbus	9
stratus	0

WIND FORCE (F)

	K.P.H. force	
Calm	0 1	0
Almost calm	2 6	1
Very light	7-12	2
Light	13 18	3
Moderate	19 26	4
Fresh	27 35	5
Strong	36-44	6
Very strong	45 54	7
Gale	55 65	8
Strong gale	66 77	9
Whole gale	78 90	10
Storm	91 104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

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Printed by the Survey of Egypt 1948 (48.1951)

Note: All times G. M. T.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on:
WEDNESDAY 21st JULY 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 08 G.M.T.

" " Sunset 16 54 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date : Thursday 22nd JULY , 1948.

At 1200 on Wednesday 21st

AREA	INDEX NUMBER	STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR PRESS. M.S.L. mbs. PPP	TEMP. °C. TT	HUMIDITY % UU	DEW POINT °C.	RAIN 6-12 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI	oo	9	28	4	o	o	—	14.4	26.4	62	18	o
	160	MATRÛH	oo	8	30	5	o	o	—	13	27	74	22	o
	134	EL DABA	oo	8	26	4	o	o	—		26.7	65	20	o
	132	ALEXANDRIA	oo	9	32	3	o	o	—	10.6	27.6	71	22	o
	150	FOUAD (Airport)	oo	7	28	3	o	o	—	10.2	28	70	22	o
	159	DAMIETTA	oo	8	28	3	o	o	—	9.9	28.5	53	17	o
	161	PORT SAÏD	oo	7	32	3	o	Tr	6	9	28	58	19	o
	135	EL ARISH	oo	9	28	4	o	o	—	8.3	27.9	79?	24?	o
LOWER EGYPT	136	DAMANHUR	oo	7	32	4	1	o	—	10.4	30.3	47	17	o
	137	MANSURA	01	8	32	2	1	3	4	9.2	33.0	33	14	o
	138	TANTA	oo	8	24	2	o	o	—	10.3	33.0	34	15	o
	139	ZAGAZIG	oo	6	24	2	o	o	—	10.3	32.8	46	20	o
		SHIBÎN EL KÔM	oo	8	28	3	o	o	—	10.7	33.4	29	12	o
		ISMAÏLIA	oo	8	02	2	o	o	—	8.2	34.0	36	17	o
CAIRO AREA	928	FAROUK(Airport)	oo	8	30	4	o	Tr	8	9	32	28	11	o
	141	ALMÂZA	oo	8	28	3	o	o	—	8.3	32.0	39	16	o
		EZBEKÎYA	oo	8	30	2	o	o	—					
		GÎZA	oo	8	30	2	o	o	—	9.1	32.8	28	11	o
	143	HELWÂN	oo	7	28	4	o	o	—	8.3	31.8	32	13	o
UPPER EGYPT	153	FAIYÛM	oo	8	30	3	o	o	—	8.4	31.8	37	15	o
		BENI SUEF	oo	9	04	3	o	o	—	8.3	34.5	31	15	o
	162	MINYA	oo	7	02	4	1	o	—	8	34	32	15	o
	155	ASYÛT	oo	8	26	2	1	o	—	7.6	33.1	30	13	o
	164	NAG' HAMMÂDI	oo	8	24	1	o	o	—	5.8	32.3	36	15	o
	156	QENA	oo	9	22	3	o	o	—	4.8	36.4	25	13	o
	157	LUXOR	oo	8	26	3	o	o	—	5	34	27	12	o
	158	ASWÂN	oo	9	26	1	o	o	—	5.1	35.5	21	10	o
OASES	148	SIWA												
	149	BAHARÎYA	oo	8	02	1	1	o	—	9.9	33.0	25	10	o
		FARAFRA												
	152	DAKHLA												
	151	KHARGA	oo	9	32	2	o	o	—	7.6	33.3	24	10	o
RED SEA	144	SUEZ	oo	8	oo	o	o	o	—	8.1	32.4	37	16	o
	145	TÛR	oo	8	28	3	o	o	—	—	29.2	57	19	o
	163	HURGHÂDA	oo	9	02	4	o	o	—	6	28	62	20	o
	147	QUSEIR	oo	8	32	3	o	o	—	6.0	30.4	56	20	o
	208	PORT SÛDAN												
NORTH SÛDAN	165	WADI HALFA												
	166	KAREIMA												
	167	ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÛDAN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FASHER												
	179	GENEINA												
S. SÛDAN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 1800 on 21st

AREA	INDEX NUMBER	STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C TT	HUMIDITY % UU	DEW POINT °C.	RAIN 12-18 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI	oo	8	30	3	o	o	—	13.8?	23.4	73	18	o
	160	MATRÛH												
	134	EL DABA	oo	7	oo	o	o	o	—		23.8	81	20	o
	132	ALEXANDRIA	o1	6	o2	3	1	5	4	10.4	24.7	84	22	o
	150	FOUAD (Airport)	oo	7	30	2	o	Tr	6	9.8	25	84	22	o
	159	DAMIETTA	oo	7	28	2	o	o	—	9.5	25.0	85	22	o
	161	PORT SAÏD	oo	7	32	3	o	o	—	9	26	74	21	o
	135	EL ARISH	o1	9	28	3	1	3	8	9.1	25.6	86	23	o
LOWER EGYPT	136	DAMANHUR	oo	6	32	3	o	o	—	11.0	23.2	73	18	o
	137	MANSURA	oo	6	32	2	1	o	—	9.1	25.4	65	18	o
	138	TANTA	oo	8	24	1	o	o	—	11.2	25.4	72	20	o
	139	ZAGAZIG	oo	6	32	2	o	o	—	9.2	29.0	62	21	o
		SHIBÎN EL KÔM	oo	7	28	2	o	o	—	11.4	24.9	68	19	o
		ISMAÏLIA	oo	7	04	2	o	o	—	9.2	28.5	49	16	o
CAIRO AREA	928	FAROUK(Airport)	oo	7	02	5	o	o	—	9	28	40	13	o
	141	ALMÂZA	oo	7	o2	3	o	o	—	8.8	28.8	42	14	o
		EZBEKÎYA	oo	7	32	1	o	o	—	9.0	27.8	42	14	o
		GÎZA	oo	7	32	1	o	o	—	9.2	28.1	39	13	o
	143	HELWÂN	oo	7	32	4	o	o	—	8.3	29.0	29	09	o
UPPER EGYPT	153	FAIYÛM	oo	8	32	1	o	o	—	7.9	28.4	39	13	o
		BENI SUEF	oo	9	02	2	o	o	—	7.5	27.9	40	13	o
	162	MINYA	oo	7	01	1	o	o	—	7	27	52	16	o
	155	ASYÛT	oo	6	28	1	o	o	—	6.3	28.9	33	11	o
	164	NAG' HAMMÂDI	oo	8	24	1	o	o	—	4.6	30.0	38	14	o
	156	QENA	oo	6	22	2	o	o	—	4.2	30.0	39	15	o
	157	LUXOR	oo	7	oo	o	o	o	—	4	32	34	14	o
	158	ASWÂN	oo	9	oo	o	o	o	—	5.1	33.5	15	03	o
OASES	148	SIWA	oo	6	o4	3	o	o	—	13.0	29.4	63	21	o
	149	BAHARÎYA	oo	7	32	2	o	o	—	9.5	30.0	36	13	o
		FARAFRA												
	152	DAKHLA	oo	8	28	2	o	o	—	9.1	30.3	30	10	o
	151	KHARGA	oo	7	30	1	o	o	—	7.1	31.4	24	08	o
RED SEA	144	SUEZ	oo	6	oo	o	o	o	—	8.3	28.2	38	12	o
	145	TÛR	oo	8	28	3	o	o	—	—	30.3	42	16	o
	163	HURGHÂDA	oo	8	30	4	o	o	—	4	30	49	18	o
	147	QUSEIR	oo	8	32	2	o	o	—	4.8	28.6	64	21	o
	208	PORT SÛDAN												o
NORTH SÛDAN	165	WADI HALFA	oo	8	30	2	o	o	—	6	32	16	02	o
	166	KAREIMA	oo	8	30	4	o	o	—	4	26	37	10	o
	167	ATBARA	oo	8	30	1	o	o	—	3	36	18	08	o
	209	KHARTÛM												o
	170	KASSALA	01	8	20?	3	1	5	4	5	32	41	17	o
CENTRAL SÛDAN	171	WAD MEDANI												o
	182	RENK												o
	172	ROSEIRES												o
	174	EL OBEID												o
	175	EL FASHER	01	8		2	1	5	4	—	26	79	22	Tr
	179	GENEINA												o
S. SÛDAN	176	MALAKÂL	oo	8	oo	o	1	1	4	11	24	89	22	1
	177	WÂU	01	8	20	3	1	7	9	11	25	61	17	o
	178	JUBA	02	8	26	1	9	9	24	12	26	79	22	o

At 0600 on Thursday 22nd

AREA	INDEX NUMBER	STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESSURE M.S.L. mbs. PPP	Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb TT	MAXIMUM Yesterday TxTx	MAXIMUM Diff. from norm.	MINIMUM Today TnTn	MINIMUM Diff. from norm.	HUMIDITY % UU	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
MEDITERRANEAN	146	SIDI BARÂNI	cc	9	28	4	o	o	—	11.9		24.7	27		21		65	18	o	171	—
	160	MATRÛH	oo	8	29	4	o	o	—	11		25			19		74	20	o	—	—
	134	EL DABA	oo	8			o	o	—	12.6		26.1	27		17		67	19	o	117	—
	132	ALEXANDRIA	oo	9	32	2	o	o		9.6	o.o	24.8	28	-2	22	-1	74	20	o	209	186
	150	FOUAD (Airport)	oo	7	29	2	o	o	—	9.7		26	28		19		70	20	o	213	138
	159	DAMIETTA	oo	8	28	3	o	o	—	8.4	-o.1	26.0	30		23		75	21	o	85	106
	161	PORT SAÏD	oo	7	01	2	o	Tr	8	9		27	29		25		66	20	o	56	—
	135	EL ARISH	01	9	20	3	1	3	3	8.6	o.o	27.7	29	-1	21	o	79	24	o	—	74
LOWER EGYPT	136	DAMANHUR	oo	6	04	3	o	o	—	9.6	+o.8	26.8	31	-2	20	o	69	21	o	105	101
	137	MANSURA	oo	8	32	2	o	o	—	9.0	+o.4	27.2	34	-1	21	o	67	20	o	73	55
	138	TANTA	oo	8	oo	o	o	o	—	9.8	+o.6	26.0	33	-2	18	-1	69	20	o	26	44
	139	ZAGAZIG	oo	6	24	2	o	o	—	9.4	+o.2	30.4	34	-1	21	+1	62	22	o	36	27
		SHIBÎN EL KÔM	oo	7	30	2	o	o	—	9.8		24.2	34		19		63	17	o	34	—
		ISMAÏLIA	oo	7	16	1	o	o	—	9.5		27.0	35		21		73	22	o	21	—
CAIRO AREA	928	FAROUK(Airport)	o1	7	30	2	1	7	6	10		24.0	34		21		84	21	o	—	—
	141	ALMÂZA	o1	7	04	2	1	7	6	8.8		24.1	33		22		79	20	o	25	—
		EZBEKÎYA	o1	7	02	1	1	5	8	9.1	+o.1	25.5	34	-2	23	+1	72	20	o	32	26
		GÎZA	o1	7	o2	1	1	5	8	9.4	+o.5	25.0	34	-1	21	+2	70	19	o	31	27
	143	HELWÂN	oo	7	30	4	1	1	8	8.6	-o.3	24.8	33	-2	21	o	64	18	o	19	29
UPPER EGYPT	153	FAIYÛM	oo	8	30	2	o	o	—	8.3	-o.7	25.9	34	-3	22	+1	70	20	o	11	8
		BENI SUEF	oo	9	o2	2	o	o	—	8.7		26.1	35		19		66	19	o	11	—
	162	MINYA	o1	7	o2	4	1	5	6	8		24	34		20		79	20	o	12	—
	155	ASYÛT	oo	7	28	1	o	o	—	8.2	o.o	25.1	34	-3	20	-3	57	16	o	dr	4
	164	NAG' HAMMÂDI	oo	8	oo	o	o	o	—	6.o	-1.o	27.3	33		18		49	15	o	o	—
	156	QENA	oo	8	26	2	o	o	—	4.7	-2.o	30.o	39	-1	22	-2	40	15	o	5	—
	157	LUXOR	oo	8	31	2	o	o	—	5		30	36		22		39	10	o	dr	—
	158	ASWÂN	oo	9	32	1	o	o	—	5.6	-1.4	29.2	38	-3	25	-1	39	14	o	dr	—
OASES	148	SIWA	oo	7	28	2	o	o	—	15.o	+3.4	23.2	36	-2	18	-3	75	18	o	23	8
	149	BAHARÎYA	o1	7	32	2	1	5	4	10.8	+o.9	23.o	34	-3	20	o	78	19	o	18	7
		FARAFRA																		—	
	152	DAKHLA	oo	8	28	2	o	o	—	10.5	+2.0	25.4	34	-5	22	-1	45	12	o	dr	
	151	KHARGA	oo	9	o2	2	o	o	—	7.8	+o.1	26.o	35	-5	23	o	54	16	o	o	
RED SEA	144	SUEZ	oo	8	32	2	o	o	—	8.3	+0.1	25.8	35	-1	21	-2	70	20	o	—	17
	145	TÛR	oo	8	28	4	o	o	—	—	—	27.6	32	-2	25	+1	63	20	o	o	13
	163	HURGHÂDA	oo	9	30	4	o	o	—	5		27	30		23		55	17	o	1	3
	147	QUSEIR	oo	8	32	3	o	o	—	4.7	-1.3	29.2	32	-2	25	-2	53	18	o	o	4
	208	PORT SÛDAN																	o	291	100
NORTH SÛDAN	165	WADI HALFA	oo	8	32	1	o	o	—	8		27	38						o	Tr	—
	166	KAREIMA	oo	9	o4	2	1	o	—	8		31	43				33	13	o	Tr	8
	167	ATBARA											42						o	3	22
	209	KHARTÛM																	o	12	54
	170	KASSALA											44						o	28	115
CENTRAL SÛDAN	171	WAD MEDANI																	o	126	143
	182	RENK																	—	—	254
	172	ROSEIRES																	2	312	374
	174	EL OBEID																	o	194	137
	175	EL FASHER											27						Tr	67	95
	179	GENEINA																	—	—	186
S. SÛDAN	176	MALAKÂL											27						1	388	447
	177	WÂU											32						6	528	666
	178	JUBA											28						70	633	688

HUMIDITY

Mean of day

STATION	on 2156	Diff. from normal
Alexandria	74	-1
Ezbekiya	58	-1
Giza	54	-6
Helwân	46	-3

GIZA

GRASS MINIMUM TEMP.

ON 22nd 17.4

Remarks

UPPER AIR OBSERVATIONS on 21st

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT — ON 21st AT 15.35

HEIGHT FEET	PRESSURE mbs.	DRY °C.	WET °C.	WIND DD	WIND VV
SURFACE	998	31	22		
500	975	30	20		
1000	950	28	19		
1500	900	24	17		
4000	850	19	14		
5000	800	16	11		
7000	700	12	6		
9000	700	15	6		
10000	650	13	3		
12000	600	7	-1		
13000	550	2	-2		
14000	500	1	-2		
16000	450	-6	-7		
20000					

FAROUK AIRPORT — RAWINSONDE — ON 22nd AT 03h

PRESSURE mbs.	HEIGHT FEET	TEMP °C.	HUMIDITY %	WIND DD	WIND VV
SURFACE		22	87	40	3
1000	330	22	85	40	3
950					
900	3190	16	55	—	—
850	4780	16	35	360	25
800	6460	13	35	10	23
700	10170	13	—	360	16
600	14340	4	—	350	9
500	19110	-4	—	340	15
400					
300	30800	-27	—	320	28
250					
200	41010	-45	—	290	9
150					
100					

STATION	Matruh	Fouad Air	P.Said
TIME	14	15	14 30
HEIGHT m.	DD VV	DD VV	DD VV
200	330 21	330 11	350 22
500	340 30	10 10	330 15
1000	350 27	360 8	340 10
1500	350 26	340 10	30 10
2000	350 24	310 10	30 15
3000	360 15		
4000	360 10		
5000	330 15		
6000	280 12		
7000			
8000			

UPPER AIR OBSERVATIONS on 22nd

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI	MATRÛH	FOUAD AIRPORT	PORT SAÏD	FAROUK AIRPORT	ALMÂZA	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	SIWA
TIME		4	3	3 15	3					5 30	5	5
HEIGHT m.	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV
200		320 16	310 10	350 19	40 10		350 12			340 7	340 6	360 18
500		320	320 8	360 12	60 14		10 15			340 17	350 8	20 23
1000		350 28	330 13	20 13	20 16		30 20			330 24	320 6	20 18
1500		20 29	330 14	30 7	360 23		30 17			320 13	350 11	20 12
2000		30 24		20 9	10 21		60 12				320 6	360 8
3000		130 30		60 14	360 10		360 22					20 16
4000				340 20								10 16
5000												20 20
6000					310 16							
7000												
8000					290 29							

STATION	BAHARIYA	DAKHLA	KHARGA	HURGHADA	WADI HALFA	ABU HAMAD	KAREIMA	KHARTÛM	KASSALA	EL OBEID	EL FASHER	MALAKAL
TIME		5	5									
HEIGHT m.	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV
200		340 13	360 14									
500		340 13	200 18									
1000		350 18	360 16									
1500		320 24	320 18									
2000		320 28										
3000		320 47										
4000												
5000												
6000												
7000												
8000												

Printed by the Survey of Egypt 1948 (48-1951)

Note. All times G.M.T.

LIBRARY WEATHER BUREAU

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70 79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94 96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms	9

CLOUD FORM (F)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	KPH	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-19	3
Moderate	20-28	4
Fresh	29-38	5
Strong	39-49	6
Very strong	50-61	7
Gale	62-74	8
Strong gale	75-88	9
Storm	89-102	10
Hurricane	over 102	11

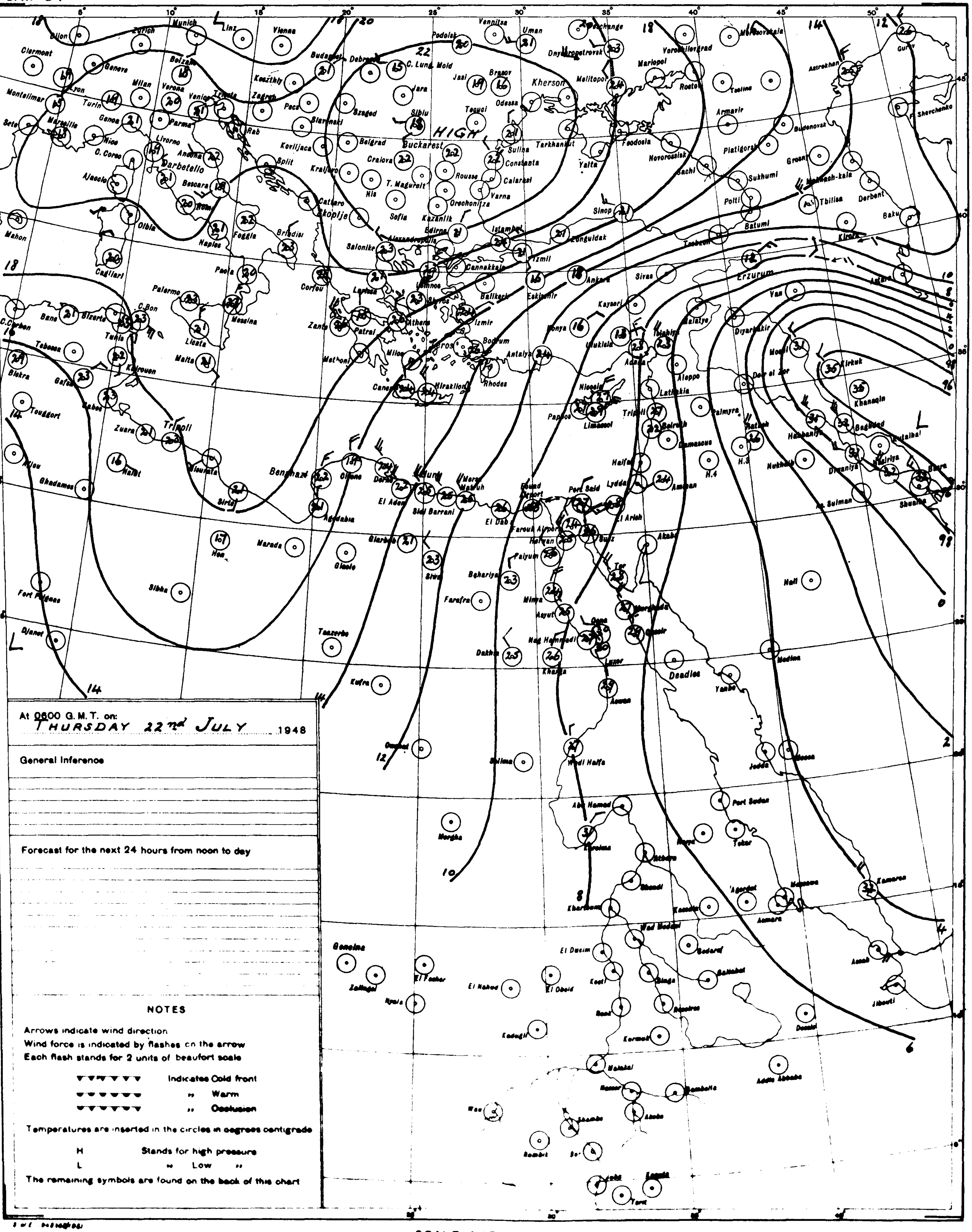
WIND DIRECTION (DD)

00 = Calm 09 = East 18 = South 27 = West 36 = North

90 is Calm

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
THURSDAY 22nd JULY 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼ Indicates Cold front
▼▼▼▼▼▼ " Warm
▼▼▼▼▼▼ " Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

SCALE 1:15000000

CAIRO

Time of Sunrise 03 08 G.M.T.

" " Sunset 16 54 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: FRIDAY 23rd JULY, 1948.

At 1200 on Thursday 22nd

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARANI	00	9	28	4	0	0	—	12.2	26.4	69	20	0
	160	MATRUH												
	134	EL DABA	00	8	30	3	0	0	—	10.8	26.8	66	20	0
	132	ALEXANDRIA	00	9		3	0	0	—	9.4	27.6	65	21	0
	150	FOUAD (Airport)	00	7	28	3	0	0	—	9.4	28			
	159	DAMIETTA	00	8	28	3	0	0	—	8.3	28.7	69	23	0
	161	PORT SAID												
	135	EL ARISH	00	9	28	4	0	0	—	7.5	28.8			0
Lower Egypt	136	DAMANHUR	00	7	32	3	0	2	8	9.1	30.8	50	19	0
	137	MANSURA	00	8	32	1	0	0	—	8.2	33.0	34	15	0
	138	TANTA	00	8	28	2	0	0	—	9.1	34.0	22	09	0
	139	ZAGAZIG	00	6	24	2	0	0	—	8.3	34.2	42	19	0
		SHIBIN EL KOM	00	8	28	3	0	0	—	8.6	34.2	23	10	0
		ISMAILIA	00	8	02	2	0	0	—	8.0	34.2	30	14	0
Cairo Area	928	FAROUK (Airport)	00	8	02	4	0	tr	8	7	33	24	10	0
	141	ALMAZA	00	8	32	3	0	0	—	7.1	33.2	35	15	0
		EZBEKIYA	00	8	30	2	0	0	—	7.6	33.6	29	13	0
		GIZA	00	8	30	2	0	0	—	7.8	33.0	32	14	0
	143	HELWAN	00	8	30	3	0	0	—	6.6	32.7	25	10	0
Upper Egypt	153	FAIYUM	00	8	30	2	0	0	—	6.9	32.9	27	11	0
		BENI SUEF	00	9	02	2	0	0	—	6.6	35.2	26	13	0
	162	MINYA												
	155	ASYUT	00	8	26	1	0	0	—	6.3	33.2	25	11	0
	164	NAG HAMMADI	00	8	24	1	0	0	—	4.6	33.6	28	12	0
	156	QENA	00	9	26	3	0	0	—	3.2	37.3	23	13	0
	157	LUXOR												
	158	ASWAN	00	9	32	1	0	0	—	2.7	37.0	22	12	0
Oases	148	SIWA			28	2	0	0	—	11.9	35.5	55	26?	0
	149	BAHARIYA	00	8	32	1	1	0	—	9.0	33.0	25	10	0
		FARAFRA												
	152	DAKHLA	00	9	28	4	0	0	—	7.9	32.0	25	10	0
	151	KHARGA	00	9	30	2	0	0	—	5.8	34.3	16	05	0
Red Sea	144	SUEZ	00	8	32	2	0	0	—	5.8	33.6	26	11	0
	145	TOR	00	8	28	4	0	0	—	—	29.7	55	20	0
	163	HURGHADA	00	9	02	3	0	0	—	4	28	62	20	0
	147	QUSEIR	00	8	32	2	0	0	—	4.6	30.2	58	21	0
	208	PORT SUDAN												
North Sudan	165	WADI HALFA												
	166	KAREIMA												
	167	ATBARA												
	209	KHARTUM												
	170	KASSALA												
Central Sudan	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FASHER												
	179	GENEINA												
S. Sudan	176	MALAKAL												
	177	WAU												
	178	JUBA												

At 1800 on 22nd

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARANI	00	8	32	4	0	0	—	12.2	23.3	77	19	0
MATRUH	02	7	31	3	1	8	6	11	24	94	23	0
EL DABA												
ALEXANDRIA	00	6	00	0	0	0	—	9.5	25.0	68	19	0
FOUAD (Airport)	00	7	31	1	0	0	—	9.3	24	84	21	0
DAMIETTA	00	7	30	2	0	0	—	8.4	25.5	80	21	0
PORT SAID	00	7	02	3	0	0	—	8	27	70	21	0
EL ARISH	00	9	32	4	0	0	—	8.2	26.3	65	19	0
DAMANHUR	00	7	32	2	0	0	—	9.5	24.6	82	20	0
MANSURA	00	6	04	2	0	0	—	8.7	25.8	78	22	0
TANTA	00	8	25	1	0	0	—	10.2	27.0	74	22	0
ZAGAZIG	00	6	32	3	0	0	—	10.2	26.4	73	21	0
SHIBIN EL KOM	00	7	30	2	0	0	—	9.2	25.9	57	17	0
ISMAILIA	00	7	06	2	0	0	—	9.1	29.3	55	19	0
FAROUK (Airport)	00	7	04	5	0	0	—	7	30	35	13	0
ALMAZA	00	7	04	3	0	0	—	7	29	46	16	0
EZBEKIYA	00	7	02	1	0	0	—	7.6	28.5	49	16	0
GIZA	00	7	02	1	0	0	—	8.0	29.7	39	15	0
HELWAN	00	7	32	4	0	0	—	6.8	29.0	36	12	0
FAIYUM	00	8	32	2	0	0	—	6.6	28.9	38	13	0
BENI SUEF	00	9	02	2	0	0	—	7.1	28.0	45	15	0
MINYA	00	7	32	3	0	0	—	6	26	48	14	0
ASYUT	00	6	22	1	0	0	—	6.4	27.8	34	10	0
NAG HAMMADI	00	8	00	0	0	0	—	3.4	29.0	37	13	0
QENA	00	6	22	3	0	0	—	3.2	30.2	32	12	0
LUXOR	00	8	00	0	0	0	—	4	31	24	08	0
ASWAN												
SIWA	00	6	32	3	0	0	—	10.6	30.8	50	19	0
BAHARIYA	00	7	00	0	0	0	—		29.0	34	12	0
FARAFRA												
DAKHLA	00	8	28	2	0	0	—	9.0	30.8	20	05	0
KHARGA	00	7	32	1	0	0	—		31.2	39	15	0
SUEZ	00	6	32	3	0	0	—	6.5	28.6	49	17	0
TOR	00	8	28	3	0	0	—	—	30.8	52	20	0
HURGHADA	00	9	29	2	0	0	—	4	28	66	21	0
QUSEIR	00	8	02	2	0	0	—	4.0	28.0	68	22	0
PORT SUDAN												

At 0600 on Friday 23rd

Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs PPP	Diff. from normal mbs.	Dry Bulb TT	Max. Yesterday TxTx	Diff. from norm.	Min. Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	Station	Area
01	9	26	2	0	3	8	10.7		24.0	27		21		72	19	0	171	—	SIDI BARANI	Mediterranean
00	8	32	3	0	2	6	10		24	28		20		79	20	0	—	—	MATRUH	
00	8	28	1	0	0	—	9.9		25.4					69	19	0	117	—	EL DABA	
01	9	00	0	1	5	5	8.8	-0.7	26.4	28	-2	22	-1	72	21	0	209	186	ALEXANDRIA	
01	7	00	0	1	3	6	8.4		27			20		70	21	0	213	138	FOUAD (Airport)	
00	8	28	2	1	1	8	7.9	-0.6	26.3	30		20		75	21	0	85	166	DAMIETTA	
00	7	32	2	0	0	—	8		27	30		24		70	21	0	56		PORT SAID	
01	9	16	2	0	3	8	8.3	-0.3	27.1	30	0	19	-2	62	16	0	—	74	EL ARISH	
00	7	32	2	0	0	—	9.5	+0.7	26.4	31	-2	20	0	67	19	0	105	101	DAMANHUR	Lower Egypt
00	8	32	2	0	0	—	8.3	-0.3	27.0	35	0	21	0	69	21	0	73	55	MANSURA	
00	8	00	0	0	0	—	8.8	-0.4	26.8	34	-1	18	-1	70	21	0	26	64	TANTA	
00	8	16	2	0	0	—	8.8	-0.4	28.3	35	0	19	-1	69	22	0	36	27	ZAGAZIG	
02	6	28	2	2	8	6	9.2	0.0	27.6	35		19		77	18	0	34	—	SHIBIN EL KOM	
00	7	04	1	0	0	—	9.4		29.0	35		21		58	20	0	21	—	ISMAILIA	
01	7	04	3	1	5	6	8		24	34		21		74	19	0	—	—	FAROUK (Airport)	Cairo Area
01	7	04	2	0	2	6	8		24	34		21		74	19	0	25	—	ALMAZA	
02	7	32	1	2	9	6	8.3	-0.6	24.1	34	-2	21	-1	83	21	0	32	26	EZBEKIYA	
02	7	32	1	2	9	6	8.4	-0.4	23.1	34	-1	20	+1	88	21	0	31	27	GIZA	
00	6	00	0	0	0	—	7.5	-1.4	24.8	34	-1	21	0	70	19	0	19	29	HELWAN	
00	8	02	2	0	0	—	7.4	-1.6	25.6	34	-3	21	0	77	22	0	11	8	FAIYUM	Upper Egypt
00	9	02	1	0	0	—	7.4		29.9	35		19		46	17	0	11	—	BENI SUEF	
00	7	01	4	0	0	—	7		25	34		20		70	19	0	12	—	MINYA	
00	7	26	1	0	0	—	6.8	-1.4	26.1	35	-2	20	-3	55	16	0	dr	4	ASYUT	
00	8	00	0	0	0	—	5.2	-1.7	26.9	34		20		50	15	0	0	—	NAG HAMMADI	
00	8	24	2	0	0	—	5.1	-1.6	30.4	39	-1	22	-2	38	14	0	5	—	QENA	
00	8	00	0	0	0	—	5		30	38		22		35	13	0	dr	—	LUXOR	
00	9	00	0	0	0	—	5.4	-1.6	32.0	39	-2	26	0	33	14	0	dr	—	ASWAN	
00	7	28	2	0	0	—	10.8	-0.8	21.3	36	-2	20	-1	83	18	0	23	8	SIWA	Oases
00	7	32	1	0	0	—	9.2	-0.7	23.1	34	-3	20	0	70	17	0	18	7	BAHARIYA	
																0	—	—	FARAFRA	
00	8	28	2	0	0	—	7.3	-1.2	27.8	34	-5	20	-3	38	12	0	dr	—	DAKHLA	
00	9	00	0	0	0	—	6.3	-1.4	26.9	36	-4	21	-2	37	11	0	0	—	KHARGA	
00	8	32	2	0	0	—	7.5	-0.7	27.9	35	-1	22	-1	41	13	0	—	17	SUEZ	Red Sea
00	8	28	3	0	0	—	—	—	27.7	35	+1	24	0	65	21	0	0	13	TOR	
00	9	31	3	0	0	—	6		27	29		23		52	16	0	1	3	HURGHADA	
00	8	30	2	0	0	—	4.6	-1.4	29.7	32	-2	25	-2	48	18	0	0	4	QUSEIR	
00	8	16	1	0	1	2	4		33			23		34	15	0	291	100	PORT SUDAN	
00	8	02	1	0	0	—	7		28			22		25	06	0	tr	—	WADI HALFA	North Sudan
00	8	04	1	0	0	—	7		20			24		35	13	0	tr	8	KAREIMA	
00	8	24	4	1	0	—	6					28			17	0	3	23	ATBARA	
00	8	18	3	0	0	—	8		29			26		52	18	0	12	55	KHARTUM	
00	8	16		0	1	4	7		28			23		52	17	dr	28	118	KASSALA	
00	9	16	4	0	0	—	10		26					79	22	1	127	148	WAD MEDANI	Central Sudan
																—	—	258	RENK	
01	8	18	2	1	3	5	10		24					94	23	0	312	380	ROSEIRES	
																0	194	141	EL OBEID	
02	8	20	2	1	10	4,5	—		25			24		58	16	0	67	99	EL FASHER	
02	8	22	2	1	9	4,5	—		22			20		83	19	—	—	192	GENEINA	
02	8	24	3	1	9	8	11		24			21		69	18	0	388	453	MALAKAL	S. Sudan
02	8	20	2	8	10	6,4	12		23			21		89	21	11	539	672	WAU	
01	8	14	1	1	5	6,4	13		24			21		94	23	dr	633	692	JUBA	

HUMIDITY Mean of day

Station	on 22nd	Diff from normal
Alexandria	69	-6
Ezbekiya	57	-2
Giza	51	-9
Helwan	47	-2

GIZA GRASS MINIMUM TEMP ON 23rd 18.5

Remarks

UPPER AIR OBSERVATIONS on 22nd

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT ON 22nd 15:45

Height Feet	Pressure mbs	Dry °C	Wet °C
Surface	997	32	22
500	974	31	21
1000	955	31	2[illegible]
1600	950	30	19
2000	900	26	17
4000	850	21	14
5000	800	16	12
7000	750	19	7
9000	700	17	5
11000	650	11	2
13000	600	7	-1
15000	550	4	-1
17000	500	0	-4
20000			

FAROUK AIRPORT RAWINSONDE ON 23rd AT 04h

Pressure mbs	Height Feet	Temp °C	Humidity %	Wind DD	Wind VV
Surface		23	80	60	4
1000	230	23	85	60	4
950					
900	3210	19	35	10	20
850	4400	15	25	40	22
800	6480	13	—	30	15
700	10160	12	—	170	6
600	14320	4	—	140	2
500	19450	-3	—	260	2
400					
300	32260	-24	—	290	32
250					
200	41600	-44	—	230	20
150					
100					

Station	P.Said DD	P.Said VV
Time	14	
Height m. 200	20	15
500	10	16
1000	360	16
1500	20	12
2000	40	15
3000	40	13
4000		
5000		
6000		
7000		
8000		

UPPER AIR OBSERVATIONS on 23rd

DD Direction of wind in degrees East of North. VV Velocity in knots.

Station	Sidi Barani DD	VV	Matruh DD	VV	Fouad Airport DD	VV	Port Said DD	VV	Farouk Airport DD	VV	Almaza DD	VV	Helwan DD	VV	Minya DD	VV	Asyut DD	VV	Luxor DD	VV	Aswan DD	VV	Siwa DD	VV
Time			4		3	15	3	30	4										6				5	
200			350	13	360	8	360	7	60	8									20	5			90	12
500			360	13	50	10	360	10	40	14									30	4			80	13
1000			350	14	40	10	360	15	20	17									140	21			50	8
1500			10	8	20	9	60	9	30	14									140	18			340	7
2000			280	16	10	9	50	3	30	10									180	1			330	16
3000			10	8	50	9			170	6													350	16
4000																							340	10
5000																							290	18
6000									290	3													300	15
7000																								
8000									290	25														

Station	Bahariya DD	VV	Dakhla DD	VV	Kharga DD	VV	Hurghada DD	VV	Wadi Halfa DD	VV	Abu Hamad DD	VV	Kareima DD	VV	Khartum DD	VV	Kassala DD	VV	El Obeid DD	VV	El Fasher DD	VV	Malakal DD	VV
Time			6		6																			
200			310	5	70	6																		
500			20	3	60	5																		
1000			30	13	60	5																		
1500			340	16	40	11																		
2000			310	10	40	9																		
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto stratus	5
Strato cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Printed by the Survey of Egypt 1948 (48/195)

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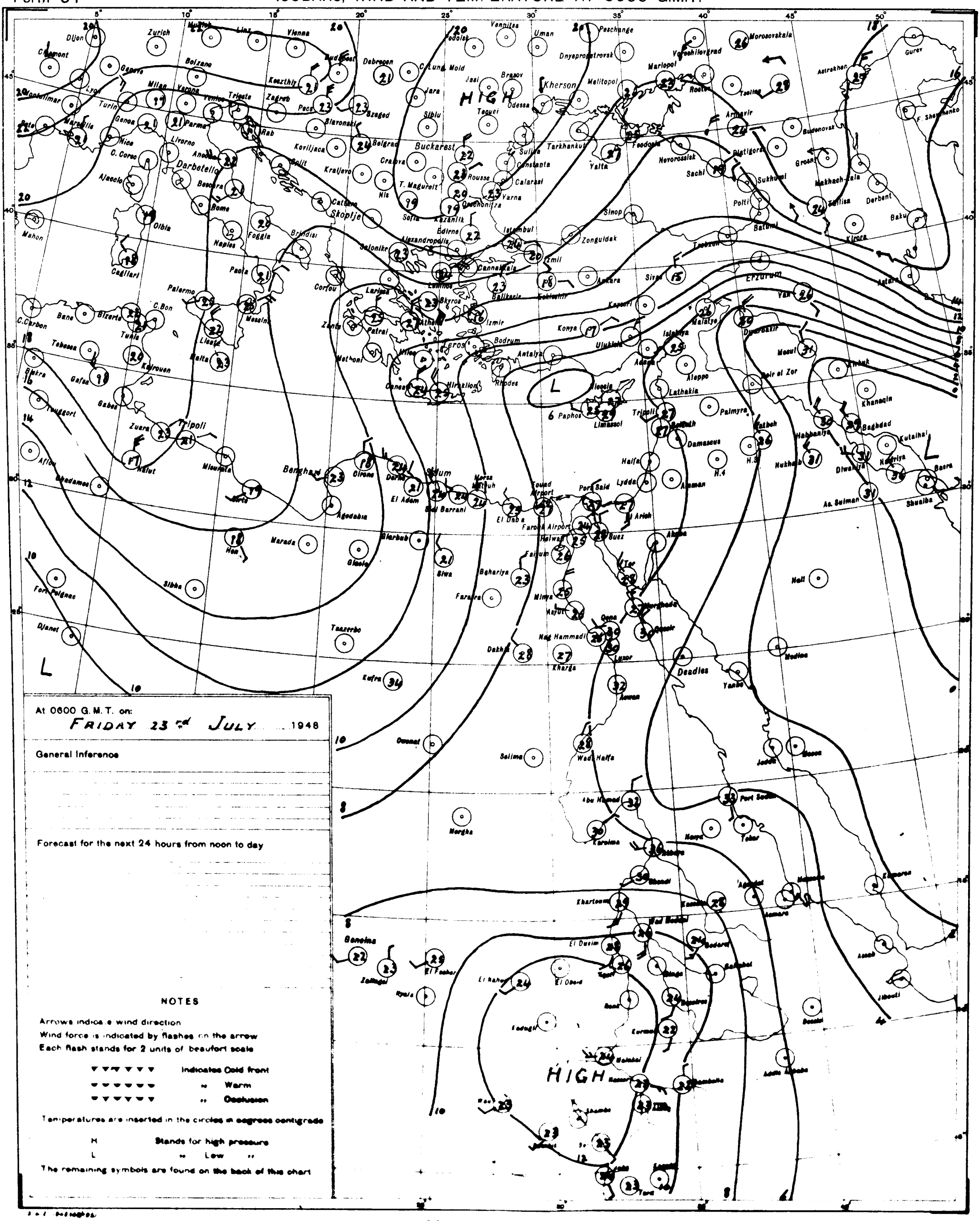
WEATHER BUREAU

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:

FRIDAY 23rd JULY 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction

Wind force is indicated by flashes on the arrow

Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼ Indicates Cold front

▼▼▼▼▼▼ " Warm

▼▼▼▼▼▼ " Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure

L " Low "

The remaining symbols are found on the back of this chart

SCALE 1:15 000 000

CAIRO
Time of Sunrise 03 09 G.M.T.
" " Sunset 16 53 G.M.T.

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

Form 91

DAILY WEATHER REPORT

Date : SATURDAY 24th JULY , 1948.

At 1200 on FRIDAY 23rd

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	00	9	30		0	0	-	10·3	25·3	62	17	0
	160	MATRÛH												
	134	EL DABA	00	8	30	3	0	0	-		26·4	62	18	0
	132	ALEXANDRIA	00	9	32	2	0	0	-	8·3	27·8	65	21	0
	150	FOUAD (Airport)	00	7	30	3	0	1	8	8·0	28	62	20	0
	159	DAMIETTA	00	8	28	2	0	0	-	7·5	29·2	47	17	0
	161	PORT SAÏD	00	8	32	3	0	0	-	7	29	66	22	0
	135	EL 'ARISH	00	9	30	4	0	0	-	7·6	27·8	66	21	0
LOWER EGYPT	136	DAMANHUR	01	7	28	4	1	5	8	8·4	31·0	52	20	0
	137	MANSURA	00	8	04	2	0	0	-	7·1	34·0	30	14	0
	138	TANTA	00	8	00	0	0	0	-	7·2	33·3	36	13	0
	139	ZAGAZIG	00	6	32	2	0	0	-	6·8	32·2	48	20	0
		SHIBÎN EL KÔM	00	8	30	3	1	1	8	7·8	34·4	22	9	0
		ISMAÏLÍA	00	8	02	2	0	0	-	7·8	38·5	26	15	0
CAIRO AREA	928	FAROUK(Airport)	00	7	02	4	0	0	-	6	33	24	10	0
	141	ALMAZA	00	8	02	3	0	0	-	6	33	24	10	0
		EZBEKÍYA	00	8	02	2	0	0	-	6·6	33·0	31	14	0
		GÍZA	00	8	02	2	0	0	-	6·6	33·2	29	13	0
	143	HELWÂN	00	8	32	3	0	0	-	5·4	33·2	21	08	0
UPPER EGYPT	153	FAIYÛM	00	8	02	2	0	0	-	5·5	33·0	28	12	0
		BENI SUEF	00	9	02	2	0	0	-	6·2	34·4	32	15	0
	162	MINYA	00	8	01	4	0	0	-	6	34	27	12	0
	155	ASYÛT	00	8	22	2	0	0	-	5·4	34·0	26	11	0
	164	NAG' HAMMÂDI	00	8	24	1	0	0	-	4·8	33·8	27	12	0
	156	QENA	00	9	08	1	0	0	-	4·0	38·6	20	12	0
	157	LUXOR	00	7	30	2	0	0	-	3	38	14	06	0
	158	ASWÂN	00	9	20	2	0	0	-	3·1	37·5	18	10	0
OASES	148	SIWA	00	8	00	0	0	0	-	10·7	34·7	54	24	0
	149	BAHARÍYA	00	8	02	1	0	0	-	7·6	34·0	24	11	0
		FARAFRA												
	152	DAKHLA	00	9	28	2	0	0	-	5·6	34·9	20	09	0
	151	KHARGA	00	9	32	2	0	0	-	4·8	36	18	08	0
RED SEA	144	SUEZ	00	8	00	0	0	0	-	5·0	33·4	27	11	0
	145	TÛR	00	8	28	2	0	0	-		32·0	58	23	0
	163	HURGHÂDA												
	147	QUSEIR	00	8	02	2	0	0	-	3·8	30·0	59	21	0
	208	PORT SUDAN	00	8	10	4	1	1	2	1	38	33	19	0
NORTH SUDAN	165	WADI HALFA	00	8	26	2	0	0	-	4	38			0
	166	KAREIMA	00	8	22	3	1	0	-	4	39	30	18	0
	167	ATBARA	00	8	04	2	0	1	8	3	39	15	08	0
	209	KHARTÛM	01	8	20	3	0	5	8	3	37	24	13	0
	170	KASSALA	10	8	24	2	1	7	7,4	4	34	41	19	0
CENTRAL SUDAN	171	WAD MEDANI	01	9			1	5	8	5	35	44	21	0
	182	RENK												
	172	ROSEIRES	01	8	20	2	1	3	5	7	29	62	21	0
	174	EL OBEID	01	8	20	3	1	5	8,4	6	32	43	18	0
	175	EL FASHER	01	8	16	5	1	5	8		33	34	15	0
	179	GENEINA	02	8	30	2	1	9	8,4		30	49	18	0
SOUTH SUDAN	176	MALAKÂL	10	8	18	4	1	10	8,4	9	28	66	21	0
	177	WÂU	02	8	20	1	1	8	4	9	29	55	19	0
	178	JUBA												

At 1800 on 23rd

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	00	8	02	2	0	0	-	9·9	22·8	76	18	0
	160	MATRÛH	00	7	32	2	1	0	-	10	23	84	20	0
	134	EL DABA	00	7	00	0	0	0	-		24·4	87	22	0
	132	ALEXANDRIA	00	6	32	2	0	0	-	8·7	24·4	82	21	0
	150	FOUAD (Airport)	00	7	30	1	0	0	-	8·3	24	79	20	0
	159	DAMIETTA	00	7	28	2	0	0	-	8·0	25·0	80	21	0
	161	PORT SAÏD	00	7	01	3	0	0	-	8	26	79	22	0
	135	EL 'ARISH	00	9	32	4	0	0	-	7·8	26·2	73	22	0
LOWER EGYPT	136	DAMANHUR	00	7	32	2	0	0	-	7·9	24·4	70	18	0
	137	MANSURA	00	6	32	2	0	0	-	8·2	26·0	62	18	0
	138	TANTA	00	8	28	1	0	0	-	8·4	27·0	69	21	0
	139	ZAGAZIG	00	6	32	2	0	0	-	8·6	27·0	72	21	0
		SHIBÎN EL KÔM	00	7	30	2	0	0	-	8·8	25·7	60	18	0
		ISMAÏLÍA	00	7	04	2	0	0	-	8·7	27·5	54	17	0
CAIRO AREA	928	FAROUK(Airport)	00	7	04	3	0	0	-	6	30	25	08	0
	141	ALMAZA	00	8	04	3	0	0	-	6·4	30·2	31	11	0
		EZBEKÍYA	00	7	32	2	0	0	-	7·1	28·1	44	15	0
		GÍZA	00	7	32	2	0	0	-	7·4	28·8	37	13	0
	143	HELWÂN	00	7	32	4	0	0	-	6·3	29·7	36	13	0
UPPER EGYPT	153	FAIYÛM	00	8	32	1	0	0	-	7·1	28·2	50	16	0
		BENI SUEF	00	9	02	1	0	0	-	7·9	27·2	43	13	0
	162	MINYA	00	7	00	0	0	0	-	7	25	54	15	0
	155	ASYÛT	00	6	20	1	0	0	-	6·2	26·6	39	12	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	3·9	28·0	44	15	0
	156	QENA	00	6	24	1	0	0	-	3·4	30·2	35	13	0
	157	LUXOR	00	8	00	0	0	0	-	3	38	14	06	0
	158	ASWÂN	00	9	00	0	0	0	-	2·8	35·7	18	08	0
OASES	148	SIWA	00	6	28	2	0	0	-	9·1	29·5	67	23	0
	149	BAHARÍYA	00	7	00	0	0	0	-	7·2	30·0	33	12	0
		FARAFRA	00	7	32	1	0	0	-	6·8	29·1	19	03	0
	152	DAKHLA	00	8	28	1	0	0	-	6·5	32·2	26	10	0
	151	KHARGA	00	7	00	0	0	0	-	5·1	31·2	16	02	0
RED SEA	144	SUEZ	00	6	32	3	0	0	-	6·4	29·4	36	12	0
	145	TÛR	00	8	28	2	0	0	-		29·5	53	19	0
	163	HURGHÂDA	00	8	00	0	0	0	-	4	27	66	20	0
	147	QUSEIR	00	8	32	2	0	0	-	4·3	28·3	69	22	0
	208	PORT SUDAN	00	8	32	1	0	0	-	4	32	43	18	0
NORTH SUDAN	165	WADI HALFA	00	8	00	0	0	0	-	5	34	12	01	0
	166	KAREIMA	00	8	26	2	0	0	-	4	34	19	07	0
	167	ATBARA	00	8	00	0	0	0	-	4	33	20	07	0
	209	KHARTÛM	02	7	18	3	1	5	4	7	28	66	21	R
	170	KASSALA	07	8	08	1	8	9	9,7	7	26	74	21	3
CENTRAL SUDAN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID	07	8	16	1	1	5	9,5	5	28	65	18	0
	175	EL FASHER												
	179	GENEINA	01	8	20	2	1	5	4		23	84	20	0
SOUTH SUDAN	176	MALAKÂL												
	177	WÂU												
	178	JUBA	02	8	00	0	8	8	6,5	10	23	94	22	dr

At 0600 on SATURDAY 24th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. MAXIMUM Yesterday	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
			ww	V	DD	F	W		C	PPP		TT	T_xT_x		T_nT_n		UU				
MEDITERRANEAN	146	SIDI BARÂNI	01	9	26	2	1	3	8	10·7		23·8	26		17		70	18	0	171	
	160	MATRÛH	01	8	29	2	1	3	4	10		25			19		84	22	0		
	134	EL DABA	01	7	28	2	0	5	8			25·5	27		17		61	17	0	117	
	132	ALEXANDRIA	01	9	24	2	1	5	4	10·2	+0·7	25·0	28	-3	21	-2	68	19	0	209	186
	150	FOUAD (Airport)	00	7	00	0	0	1	1	9·2		24	28		19		70	20	0	213	138
	159	DAMIETTA	00	8	28	1	0	0	-	8·7	+0·3	27·8	30		21		58	19	0	85	106
	161	PORT SAÏD	00	7	00	0	0	4	8	10		28	30		24		62	20	0	56	
	135	EL 'ARISH	00	9	12	2	0	0	-	9·8	+1·2	28·2	29	-1	19	-2	61	20	0		94
LOWER EGYPT	136	DAMANHUR	01	6	20	2	1	3	8	9·8	+1·0	25·6	32	-1	19	-1	76	21	0	105	101
	137	MANSURA	01	8	04	1	1	3	4	9·4	+1·0	27·5	35	0	20	-1	68	20	0	73	55
	138	TANTA	00	8	00	0	0	0	-	10·0	+0·8	27·0	34	-1	17	-2	67	20	0	26	44
	139	ZAGAZIG	00	6	24	2	0	0	-	9·8	+0·4	28·4	35	0	19	-1	73	23	0	36	27
		SHIBÎN EL KÔM	00	7	04	2	0	0	-	9·8	+0·4	26·2	35		20		61	18	0	34	
		ISMAÏLÍA	00	7	00	0	0	0	-	9·3		28·8	39		21		65	22	0	21	
CAIRO AREA	928	FAROUK(Airport)	00	7	04	3	0	0	-	9		25			20		70	19	0		
	141	ALMAZA	00	7	04	1	0	0	-	9·4	+0·5	24·3	34		20		73	19	0	25	
		EZBEKÍYA	00	7	02	1	0	0	-	9·5	+0·6	25·5	34	-2	21	-1	74	20	0	32	26
		GÍZA	00	7	02	1	0	0	-	9·6	+0·8	25·7	34	-1	18	-2	71	20	0	31	27
	143	HELWÂN	00	7	00	0	0	0	-	9·1	+0·2	26·2	35	0	20	-1	60	18	0	19	29
UPPER EGYPT	153	FAIYÛM	00	8	00	0	0	0	-	8·6	-0·5	25·4	34	-3	21	0	76	20	0	11	8
		BENI SUEF	00	9	02	1	0	0	-	9·1		29·1	35		19		46	16	0	11	
	162	MINYA	00	7	32	4	0	0	-	8		25	35		20		70	19	0	12	
	155	ASYÛT	00	7	22	1	0	0	-	8·6	+0·4	26·5	35	-2	20	-3	64	16	0	dr	4
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	7·4	+0·5	27·0	36		18		54	17	0	0	
	156	QENA	00	8	22	2	0	0	-	7·5	+0·8	30·3	41	+1	23	-1	38	14	0	5	
	157	LUXOR	00	8	00	0	0	0	-	7		32			23		26	10	0	dr	
	158	ASWÂN			00	0	0	0	-	7·4	+0·4	29·3	40	-1	25	-1	35	12	0	dr	
OASES	148	SIWA	00	7	00	0	0	0	-	11·9	+0·3	26·5	35	-3	20	-1	69	20	0	23	8
	149	BAHARÍYA	00	7	32	1	0	0	-	9·2	-0·7	26·2	35	-2	20	0	64	19	0	18	7
		FARAFRA	00	7	00	0	0	0	-	9·5		27·0	36		20		45	14	0		
	152	DAKHLA	00	8	16	1	0	0	-	8·7	+0·3	28·0	36	-3	24	+1	34	11	0	dr	
	151	KHARGA	00	9	00	0	0	0	-	8·0	+0·3	28·4	37	-3	21	-2	35	11	0	0	
RED SEA	144	SUEZ	00	8	00	0	0	0	-	8·7	+0·5	28·6	36	0	18	-5	47	16	0		17
	145	TÛR	00	8	28	1	0	0	-			27·0	35		22		79	23	0	0	13
	163	HURGHÂDA	00	9	30	3	0	0	-	7		27	30		22		58	18	0	1	3
	147	QUSEIR	00	8	32	2	0	0	-	7·0	+1·0	29·3	32	-2	25	-2	66	22	0	0	4
	208	PORT SUDAN	01	8	14	2	1	5	8,4	6		32	39		24		59	23	0	291	100
NORTH SUDAN	165	WADI HALFA																	0	tr	
	166	KAREIMA	01	8									40						0	tr	9
	167	ATBARA											41						0	3	23
	209	KHARTÛM	01	8	16	3	1	5	4	9		26	39		24		74	21	1	13	56
	170	KASSALA	02	8	16	3	0	8	4	10		27	37		20		66	20	3	31	121
CENTRAL SUDAN	171	WAD MEDANI																	12	139	153
	182	RENK																			262
	172	ROSEIRES	02	6	10	1	2	10	7,6	12		23					94	22	1	313	385
	174	EL OBEID																	0	194	144
	175	EL FASHER	02	8	20	1	1	9	4			24			23				0	67	103
	179	GENEINA	02	8	16	1	1	8	4			22	32		21		94	21	0		199
SOUTH SUDAN	176	MALAKÂL	02	7															0	388	459
	177	WÂU	02	8	00	0	6			11		23			22		89	21	3	542	678
	178	JUBA											31						11	64	696

HUMIDITY

Mean for day

STATION	on 23rd	Diff. from normal
Alexandria	75	0
Ezbekiya	60	0
Giza	59	-1
Helwân	50	+1

GIZA
GRASS MINIMUM TEMP.
ON 24 1h 15·9

Remarks

UPPER AIR OBSERVATIONS on 23rd

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT ON 23 AT 15

HEIGHT FEET	PRESSURE mbs.	DRY °C.	WET °C.
SURFACE	1001	29	28
500	971	30	18
1000	958	29	18
1500	939	29	18
2000	920	29	18
3000	900	25	16
4000	850	19	13
5000	800	15	11
6000	750	13	5
7000	700	11	2
8000	650	9	1
9000	600	5	-2
10000	550	1	-3
11000	500	-2	-3
12000	450	-6	-6

FAROUK AIRPORT RAWINSONDE ON 24 1h AT 03

PRESSURE mbs	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		21	89	00	00
1000	230	21	85	00	00
950					
900	3240	21	55	30	8
850	4850	16	55	340	5
800	6590	14	45	270	6
700	10260	10	-	170	19
600	14410	6	-	180	12
500	19230	-2	-	220	10
400					
300	29050	-24	-	340	25
250					
200	31360	-42	-	320	22
150					
100					

UPPER AIR OBSERVATIONS on 24th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	MATRUH	P. SAID	FOUAD AP
TIME	1H	15 45	15 15
HEIGHT m	DD VV	DD VV	DD VV
200	330 10	360 14	330 7
500	330 12	350 16	330 9
1000	350 13	360 17	340 11
1500	290 19	40 11	350 14
2000	320 20	100 11	330 7
3000	30 4	70 5	
4000			
5000			
6000			
7000			
8000			

STATION	SIDI BARÂNI	MATRÛH	FOUAD AIRPORT	PORT SAÏD	FAROUK AIRPORT	ALMAZA	HELWAN	MINYA	ASYÛT	LUXOR	ASWAN	SIWA
TIME		N 30	3	3 15						5 30	5	
HEIGHT m	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV
200		350 N	330 8	30 7						360 3		100 13
500		10 6	330 9	40 6						340 7	350 6	90 13
1000		20 8	330 11	40 7						320 9	290 8	140 2
1500		310 9	340 12	70 3						230 3	270 8	280 15
2000		300 13		40 2						150 4	270 8	
3000		90 3										
4000		140 9										
5000		190 8										
6000		240 9										
7000		260 7										
8000												

STATION	BAHARIYA	DAKHLA	KHARGA	HURGHADA	WADI HALFA	ABU HAMAD	KAREIMA	KHARTUM	KASSALA	EL OBEID	EL FASHER	MALAKAL
TIME		5										5
HEIGHT m	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV
200		110 6	20 15									
500		70 6										
1000		350 9	360 21									210 5
1500		290 9	360 12									180 4
2000		300 10										160 2
3000		320 8										
4000												
5000												
6000												
7000												
8000												

Note: All times G.M.T.

Printed by the Survey of Egypt 1948 (48, 951)

LIBRARY 1954 WEATHER BUREAU

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50 59
Rain	60 69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80 89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	91-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto stratus	5
Strato cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

As on Scale 01-32 e.g.
08 = East, 16 = South
24 = West, 32 = North.
00 is Calm

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on:
SATURDAY 24 JULY 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

SCALE 1 15 000 000

CAIRO
Time of Sunrise 03 07 G.M.T.
" " Sunset 16 53 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date : SUNDAY 25 th JULY , 1948.

SATURDAY 24th — At 1200 on

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	00	9	30	3	0	0	-	10.7	26.5	66	19	0
	160	MATRÛH	00	8	32	3	0	0	-	11	26	68	19	0
	134	EL DABA												0
	132	ALEXANDRIA	00	9	28	3	0	0	-	9.9	27.7	54	18	0
	150	FOUAD (Airport)	00	7	28	3	0	4	8	10.0	28	53	19	0
	159	DAMIETTA	00	8	04	2	0	0	-	8.8	29.9	55	20	0
	161	PORT SAÏD	00	7	02	2	0	4	8	9	30	46	17	0
	135	EL 'ARISH	00	9	32	4	0	0	-	9.1	29.2	51	18	0
LOWER EGYPT	136	DAMANHUR	00	7	28	3	1	2	8	9.4	32.8	51	21	0
	137	MANSURA	00	8	04	1	1	0	-	9.0	33.6	46	11	0
	138	TANTA	00	8	00	0	0	0	-	9.4	35.0	28	13	0
	139	ZAGAZIG	00	6	32	2	0	0	-	9.2	32.8	44	19	0
		SHIBÎN EL KÔM	00	8	08	3	0	0	-	9.8	33.9	29	13	0
		ISMAÏLIA	00	8	04	1	0	0	-	9.1	34.0	29	15	0
CAIRO AREA	928	FAROUK(Airport)	00	7	24	1	0	0	-	9	34	27	12	0
	141	ALMAZA	00	8	26	1	0	0	-	8.1	34.1	27	12	0
		EZBEKÎYA	00	8	02	1	0	0	-	8.4	34.0	27	12	0
		GÎZA	00	8	02	1	0	0	-	8.2	34.8	22	10	0
	143	HELWÂN	00	8	26	M	0	0	-	7.9	38.1	24	10	0
UPPER EGYPT	153	FAIYÛM	00	8	32	1	0	0	-	8.2	33.3	29	12	0
		BENI SUEF	00	9	02	1	0	0	-	7.9	35.6	25	13	0
	162	MINYA	00	8	32	3	0	0	-	8	35	23	11	0
	155	ASYÛT	00	8	22	1	0	0	-	6.8	35.1	24	11	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	5.9	35.9	22	11	0
	156	QENA	00	7	22	2	0	0	-	5.4	39.4	21	13	0
	157	LUXOR	00	8	21	3	0	0	-	6	39	13	06	0
	158	ASWÂN	00	9	32	1	0	0	-	5.2	38.0	19	11	0
OASES	148	SIWA	00	8	24	3	0	0	-	10.3	34.6	53	24	0
	149	BAHARÎYA	00	8	32	1	0	0	-	8.0	34.0	24	11	0
		FARAFRA	00	8	28	1	0	0	-	8.7	35.3	20	09	0
	152	DAKHLA	00	9	00	0	0	0	-	8.6	35.7	20	10	0
	151	KHARGA	00	9	00	0	0	0	-	6.8	36.0	17	07	0
RED SEA	144	SUEZ	00	8	00	0	0	0	-	6.3	35.4	21	09	0
	145	TÛR	00	8	28	2	0	0	-		34.0	29	13	0
	163	HURGHÂDA	00	9	04	1	0	0	-	6	30	66	23	0
	147	QUSEIR	00	8	04	2	0	0	-		30.0	68	24	0
	208	PORT SÛDAN	01	8	06	4	1	5	84	4	34	56	24	0
NORTH SUDAN	165	WADI HALFA												0
	166	KAREIMA												
	167	'ATBARA												
	209	KHARTÛM	02	8	20	4	1	8	84	8	33	44	19	0
	170	KASSALA												
CENTRAL SUDAN	171	WAD MEDANI	01	8	18	2	1	5	4	9	28	70	22	0
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA	02	8			1	8	8		31	43	17	0
SUDAN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

24th — At 1800 on

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	00	8	02	2	0	0	-	11.4	23.0	86	20	0
	160	MATRÛH												0
	134	EL DABA												0
	132	ALEXANDRIA	00	6	04	2	0	0	-	11.1	24.2	80	20	0
	150	FOUAD (Airport)	00	7	31	1	0	0	-	10.4	24	79	20	0
	159	DAMIETTA	00	8	02	2	0	0	-	10.2	26.0	71	20	0
	161	PORT SAÏD	00	7	02	3	0	0	-	10	27	66	20	0
	135	EL 'ARISH	00	9	32	4	0	0	-	9.4	26.3	70	20	0
LOWER EGYPT	136	DAMANHUR	00	7	12	3	0	0	-	9.5	25.3	69	19	0
	137	MANSURA	00	8	04	1	1	0	-	10.0	27.2	69	20	0
	138	TANTA	00	8	00	0	0	0	-	9.3	27.0	63	19	0
	139	ZAGAZIG	00	6	24	2	0	0	-	9.8	26.5	73	21	0
		SHIBÎN EL KÔM	00	7	02	2	0	0	-	10.8	26.9	57	18	0
		ISMAÏLIA	00	7	32	1	0	0	-	11.2	30.0	37	22	0
CAIRO AREA	928	FAROUK(Airport)	00	7	04	2	0	0	-	12	25	35	21	0
	141	ALMAZA	00	7	02	1	0	0	-	12	25	35	22	0
		EZBEKÎYA	00	7	30	1	0	0	-	12.0	25.9	35	22	0
		GÎZA	00	7	28	1	0	0	-	11.8	25.6	36	20	0
	143	HELWÂN	00	7	00	0	0	0	-	11.4	25.8	34	22	0
UPPER EGYPT	153	FAIYÛM	00	8	02	1	0	0	-	11.0	27.4	37	21	0
		BENI SUEF	00	9	02	1	0	0	-	11.8	30.2	36	19	0
	162	MINYA	00	7	01	4	0	0	-	11	25	36	19	0
	155	ASYÛT	00	7	22	1	0	0	-	9.8	27.1	35	20	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	9.2	27.4	37	20	0
	156	QENA	00	8	24	2	0	0	-	8.6	31.2	40	23	0
	157	LUXOR	00	8	00	0	0	1	-	9	32	40	24	0
	158	ASWÂN	00	9	00	0	0	0	-	8.8	31.6	41	26	0
OASES	148	SIWA	00	7	00	0	0	0	-	12.7	26.2	36	19	0
	149	BAHARÎYA	00	7	00	0	0	0	-	11.9	27.0	36	20	0
		FARAFRA	00	8	00	0	0	0	-	11.1	27.1	36	18	0
	152	DAKHLA	00	8	28	1	0	0	-	10.7	28.7	37	21	0
	151	KHARGA	00	9	06	2	0	0	-	9.8	28.9	37	20	0
RED SEA	144	SUEZ	00	8	00	0	0	0	-	11.1	28.8	39	19	0
	145	TÛR	00	8	28	1	0	0	-		28.8		23	0
	163	HURGHÂDA	00	9	28	1	0	0	-	9	29	32	24	0
	147	QUSEIR	00	8	30	2	0	0	-	7.9	31.6	32	24	0
	208	PORT SÛDAN										39		0
NORTH SUDAN	165	WADI HALFA												0
	166	KAREIMA												
	167	'ATBARA										40		
	209	KHARTÛM												
	170	KASSALA										37		
CENTRAL SUDAN	171	WAD MEDANI												0
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID										31		
	175	EL FÂSHER										34		
	179	GENEINA												
SUDAN	176	MALAKÂL										32		
	177	WÂU										31		
	178	JUBA												

SUNDAY 25th — At 0600 on

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. MAXIMUM Yesterday	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
			ww	V	DD	F	W		C	PPP		TT	TxTx		TnTn		UU				
MEDITERRANEAN	146	SIDI BARÂNI	01	9	26	2	1	3	8	12.7		23.7	27		17		75	19	0	171	
	160	MATRÛH	00	7	30	1	0	0	-	13		24			18		79	20	0		
	134	EL DABA																	0	117	
	132	ALEXANDRIA	02	9	08	1	1	8	4	12.3	+2.8	24.8	28	-2	22	-1	61	19	0	209	186
	150	FOUAD (Airport)	00	7	00	0	0	2	8	11.9		27	28		20		62	19	0	213	138
	159	DAMIETTA	00	8	12	1	1	1	8	11.4	+3.0	28.5	31		22		72	22	0	85	106
	161	PORT SAÏD	00	8	07	1	0	1	6	11		28	31		25		70	22	0	56	
	135	EL 'ARISH	00	9	16	2	0	0	-	10.8	+2.2	28.4	30	0	20	-1	67	21	0		94
LOWER EGYPT	136	DAMANHUR	04	6	04	2	0	2	8	12.0	+3.2	27.0	33	0	20	0	69	21	0	105	101
	137	MANSURA	01	8	04	1	1	3	4	11.6	+3.0	28.0	35	0	20	-1	69	22	0	73	55
	138	TANTA	00	8	00	0	0	0	-	10.3	+2.1	26.0	35	0	17	-2	69	20	0	26	44
	139	ZAGAZIG	00	6	24	2	0	0	-	11.2	+3.0	31.4	36	0	20	0	58	22	0	36	27
		SHIBÎN EL KÔM	00	7	02	2	0	0	-	10.8	+2.6	25.3	34		20		60	17	0	34	
		ISMAÏLIA	00	7	32	1	0	0	-	11.2		30.0	37		22		59	21	0	21	
CAIRO AREA	928	FAROUK(Airport)	00	7	04	2	0	0	-	12		25			21		61	17	0		
	141	ALMAZA	00	7	02	1	0	0	-	12		25	35		22		74	20	0	25	
		EZBEKÎYA	00	7	30	1	0	0	-	12.0	+3.1	25.9	35	-1	22	0	70	20	0	32	26
		GÎZA	00	7	28	1	0	0	-	11.8	+3.0	25.6	36	+1	20	0	66	19	0	31	27
	143	HELWÂN	00	7	00	0	0	0	-	11.4	+2.5	25.8	34	-1	22	+1	62	18	0	19	29
UPPER EGYPT	153	FAIYÛM	00	8	02	1	0	0	-	11.0	+1.9	27.4	37	0	21	0	64	20	0	11	8
		BENI SUEF	00	9	02	1	0	0	-	11.8		30.2	36		19		48	48	0	11	
	162	MINYA	00	7	01	4	0	0	-	11		25	36		19		70	19	0	12	
	155	ASYÛT	00	7	22	1	0	0	-	9.8	+1.6	27.1	35	-2	20	-3	54	17	0	dr	4
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	9.2	+2.3	27.4	37		20		47	15	0	4	
	156	QENA	00	8	24	2	0	0	-	8.6	+1.9	31.2	40	0	23	-1	31	12	0	5	
	157	LUXOR	00	8	00	0	0	1	6	9		32	40		24		22	08	0	dr	
	158	ASWÂN	00	9	00	0	0	0	-	8.8	+1.8	31.6	41	0	26	0	31	13	0	dr	
OASES	148	SIWA	00	7	00	0	0	0	-	12.7	+1.1	26.2	36	-2	19	-2	75	21	0	23	8
	149	BAHARÎYA	00	7	00	0	0	0	-	11.9	+1.1	27.0	36	-1	20	0	63	19	0	13	7
		FARAFRA	00	8	00	0	0	0	-	11.1		27.1	36		18		34	10	0	09	
	152	DAKHLA	00	8	28	1	0	0	-	10.7	+2.3	28.7	37	-2	21	-2	26	08	0	dr	
	151	KHARGA	00	9	06	2	0	0	-	9.8	+2.0	28.9	37	-3	20	-3	29	09	0	0	
RED SEA	144	SUEZ	00	8	00	0	0	0	-	11.1	+2.9	28.8	39	+3	19	-4	46	16	0	-	17
	145	TÛR	00	8	28	1	0	0	-			28.8			23	-1	67	22	0	0	13
	163	HURGHÂDA	00	9	28	1	0	0	-	9		29	32		24		52	18	0	1	3
	147	QUSEIR	00	8	30	2	0	0	-	7.9	+1.9	31.6	32	-2	24	-3	40	17	0	0	4
	208	PORT SUDAN										39							0	291	100
NORTH SUDAN	165	WADI HALFA																	0	tr	
	166	KAREIMA																	0	tr	9
	167	'ATBARA																	0	3	24
	209	KHARTÛM																	0	13	57
	170	KASSALA										37							0	31	125
CENTRAL SUDAN	171	WAD MEDANI																	0	139	157
	182	RENK																			266
	172	ROSEIRES																	0	313	391
	174	EL OBEID										31							0	194	148
	175	EL FÂSHER										34							0	67	107
	179	GENEINA																			20.6
SUDAN	176	MALAKÂL										32							tr	388	465
	177	WÂU										31							tr	542	684
	178	JUBA																	0	644	700

HUMIDITY

Mean of day

STATION	on 24 th	Diff. from normal
Alexandria	72	- 3
Ezbekiya	54	- 6
Giza	49	-11
Helwân	41	- 8

GEZA
GRASS MINIMUM TEMP.
ON 25 th 17.3

Remarks

UPPER AIR OBSERVATIONS on 24th

DD Direction of wind in degrees East of North VV Velocity in knots.

ALMAZA AEROPLANE ASCENT — ON 24 th AT 04

HEIGHT FEET	PRESSURE mbs	DRY °C.	WET °C.	WIND DD	WIND VV
SURFACE	997	30	23		
500	976	29	21		
1000	957	27	20		
1500	938	27	20		
2000	920	26	19		
2500	900	22	17		
3000	880	18	14		
4000	850	13	6		
5000	800	16	6		
6000	750	13	5		
7000	700	12	5		
8000	650	8	3		
9000	600	6	2		
10000	550	3	1		
11000	500	-3	-3		
12000	450	-6	-6		

FAROUK AIRPORT RAWINSONDE — ON 25 th AT 03

PRESSURE mbs	HEIGHT FEET	TEMP °C.	HUMIDITY %	WIND DD	WIND VV
SURFACE					
1000					
950					
900	3290	20	65	30	7
850	4900	17	55	290	6
800	6570	14	45	210	16
700	10260	11	15	200	46
600					
500	19220	-2	-	220	14
400					
300					
250					
200					
150					
100					

STATION	P. SAID		FOUAD A.P	
TIME	14 30		15 15	
HEIGHT m	DD	VV	DD	VV
200	30	13	330	12
500	50	9	320	3
1000	50	8	160	5
1500	220	6		
2000	210	13		
3000				
4000				
5000				
6000				
7000				
8000				

STATION				
TIME				
HEIGHT m	DD	VV	DD	VV
200				
500				
1000				
1500				
2000				
3000				
4000				
5000				
6000				
7000				
8000				

UPPER AIR OBSERVATIONS on 25th

DD Direction of wind in degrees East of North VV Velocity in knots.

HEIGHT m	SIDI BARÂNI DD	SIDI BARÂNI VV	MATRÛH DD	MATRÛH VV	FOUAD AIRPORT DD	FOUAD AIRPORT VV	PORT SAÏD DD	PORT SAÏD VV	FAROUK AIRPORT DD	FAROUK AIRPORT VV	ALMÂZA DD	ALMÂZA VV	HELWÂN DD	HELWÂN VV	MINYA DD	MINYA VV	ASYÛT DD	ASYÛT VV	LUXOR DD	LUXOR VV	ASWÂN DD	ASWÂN VV	S.WA DD	S.WA VV
			5				3	45	3				6	25					6	45	5			
200			340	3			10	8	70	5			360	7					300	4	360	5	80	13
500			20	5			10	8	60	11			50	8					350	12	350	14	90	13
1000			350	5			10	12	50	6			30	8					340	15	340	14	60	6
1500			350	7			20	7	300	5			60	7					350	8	250	8	340	6
2000			10	6			270	9	210	14									340	7	220	16	250	8
3000			90	3					180	23													320	3
4000																							250	6
5000																							310	12
6000									220	13													270	8
7000																							230	9
8000																							220	13

STATION	BAHARÎYA DD	BAHARÎYA VV	DAKHLA DD	DAKHLA VV	KHARGA DD	KHARGA VV	HURGHADA DD	HURGHADA VV	WÂDI HALFA DD	WÂDI HALFA VV	ABU HAMÂD DD	ABU HAMÂD VV	KAREIMA DD	KAREIMA VV	KHARTÛM DD	KHARTÛM VV	KASSALA DD	KASSALA VV	EL OBEID DD	EL OBEID VV	EL FÂSHER DD	EL FÂSHER VV	MALAKÂL DD	MALAKÂL VV
			5																					
200			20	4	20	15																		
500			60	6	30	16																		
1000			50	8	10	15																		
1500			80		290	09																		
2000					300	12																		
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50 59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80 89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94 96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g.
08 = East, 16 = South,
24 = West, 32 = North,
00 is Calm

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G.M.T.

LIBRARY 1949 WEATHER BUREAU

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on:

SUNDAY 25th JULY 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

SCALE

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

Form 91

DAILY WEATHER REPORT

Date: MONDAY 26th JULY, 1948.

CAIRO
Time of Sunrise 03 10 G.M.T.
" " Sunset 16 52 G.M.T.

At 1200 on Sunday 25th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	°C. TEMP.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	oo	9	30	2	o	o	—	12.6	25.6	68	19	o
	160	MATRÛH	oo	8	32	3	o	o	—	12	26	66	19	o
	134	EL DABA												
	132	ALEXANDRIA	oo	9	30	3	o	o	—	12.2	27.7	47	15	o
	150	FOUAD (Airport)	oo	7	28	3	o	o	—	11.8	28	52	17	o
	159	DAMIETTA	oo	8	04	3	1	1	8	10.7	29.9	61	21	o
	161	PORT SA'ÎD	oo	8	02	2	o	tr	8	11	30	52	19	o
	135	EL 'ARISH	oo	9	28	4	o	o	—	11.0	28.7	56	16	o
LOWER EGYPT	136	DAMANHUR	oo	7	32	2	o	o	—	11.5	30.6	46	18	o
	137	MANŞURA	oo	8	04	1	1	o	—	10.6	33.0	34	15	o
	138	ṬANTA	oo	8	00	o	o	o	—	11.2	34.0	31	16	o
	139	ZAGAZIG	oo	6		2	o	o	—	10.2	33.4	44	19	o
		SHIBÎN EL KÔM	oo	8	28	3	o	o	—	11.2	35.2	27	13	o
		ISMAÎLÍA	oo	8	10	1	o	o	—	10.6	36.2	32	17	o
CAIRO AREA	928	FAROUK(Airport)	oo	8	24	4	o	o	—	10	34	27	12	o
	141	ALMÁZA	oo	8	26	2	o	o	—	10.0	34.0	27	12	o
		EZBEKÍYA	oo	8	26	1	o	o	—	10.2	34.2	26	12	o
		GÎZA	oo	8	26	1	o	o	—	10.0	37.0	17	08	o
	143	HELWÂN	oo	8	26	3	o	o	—	8.5	32.9	23	09	o
UPPER EGYPT	153	FAIYÛM	oo	8	30	2	o	o	—	9.9	33.2	29	13	o
		BENI SUEF	oo	9	02	1	o	o	—	9.8	35.7	21	10	o
	162	MINYA	oo	8	04	2	o	o	—	9	35	23	11	o
	155	ASYÛT	oo	8	22	2	o	o	—	9.2	35.1	28	11	o
	164	NAG' HAMMÂDI	oo	8	24	1	o	o	—	7.5	37.4	22	12	o
	156	QENA	oo	9	22	2	o	o	—	6.6	40.8	18	12	o
	157	LUXOR												
	158	ASWÂN	oo	9	32	1	o	o	—	6.2	39.0	17	10	o
OASES	148	SIWA	oo	8	04	2	o	o	—	11.9	36.1	—	—	o
	149	BAHARÍYA	o1	8	32	1	1	3	5	10.3	34.0	22	09	o
		FARAFRA												
	152	DAKHLA	oo	9	oo	o	o	o	—	9.5	35.6	20	10	o
	151	KHARGA	oo	9	02	2	o	o	—	8.4	36.2	14	05	o
RED SEA	144	SUEZ	oo	8	oo	o	o	o	—	9.5	35.4	24	12	o
	145	TÛR	oo	8	28	3	o	o	—	—	35.0	47	22	o
	163	HURGHÂDA	oo	9	02	2	o	o	—	7	30	70	24	o
	147	QUSEIR	oo	8	06	1	o	o	—	7.5	31.0	67	24	o
	208	PORT SÚDÁN	o1	8	08	4	1	5	8,4	5	36	40	20	
NORTH SUDAN	165	WADI HALFA	o1	8	32	2	1	7		7	39	08	-1	o
	166	KAREIMA	o1	8	10	1	1	7	4	6	40	09	01	o
	167	'ATBARA	o2	8	20	2	1	8	8	6	38	29	17	o
	209	KHARTÛM												
	170	KASSALA	61	9	24	1	6	5	9	7	33	38	17	dr
CENTRAL SUDAN	171	WAD MEDANI	o2	9	18	3	1	10	8	10	39	62	21	o
	182	RENK												
	172	ROSEIRES		8	20	1	1		—	10	30	59	21	o
	174	EL OBEID	o2	8	20	3	1	7	8,4	9	30	49	18	o
	175	EL FÂSHER	o2	8	16	2	1	9	9,4	—	31	46	18	o
	179	GENEINA	o2	8	16	3	9	8	8	—	25	79	21	o
SOUTH SUDAN	176	MALAKÂL	o1	8	18	2	1	5	8,4	10	29	42	21	o
	177	WÂU	10	8	28	1	1	8	6,4	11	28	46	21	o
	178	JUBA	o2	8	00	o	1	9	6,4	11	28	46	21	o

At 1800 on 25th

PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	°C. TEMP.	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
ww	V	DD	F	W		C	PPP	TT	UU		
oo	8	02	2	o	o	—	12.6	23.7	75	19	o
o8	5	32	2	1	o	—	12.8	24.0	71	18	o
oo	7	29	1	o	2	6	12.2	24	69	18	o
oo	7	28	2	1	o	—	11.2	25.0	79	21	o
oo	7	01	2	o	o	—	11	27	70	21	o
oo	9	02	4	o	o	—	10.8	26.2	76	21	o
oo	7	14	3	o	o	—	11.9	24.6	72	20	o
oo	6	02	2	o	o	—	11.1	25.8	67	19	o
oo	8	00	o	o	o	—	12.7	25.5	73	20	o
oo	6		2	o	o	—	12.3	28.1	63	20	o
oo	7	28	2	o	o	—	11.8	25.9	64	18	o
oo	7	04	2	o	o	—	11.3	29.5	43	16	o
oo	7	02	5	o	o	—	11	28	62	20	o
oo	7	02	4	o	o	—	9.8	30.7	34	12	o
oo	7	30	2	o	o	—	10.6	28.3	57	19	o
oo	7	30	2	o	o	—	10.8	28.5	50	16	o
oo	7	30	2	o	o	—	9.6	30.3	30	11	o
oo	8	30	1	o	o	—	9.2	28.4	37	12	o
oo	9	02	1	o	o	—		30.0	27	14	o
oo	7	oo	o	o	o	—	9	28	45	15	o
oo	6	26	1	o	o	—	9.4	28.3	35	11	o
oo	8	oo	o	o	o	—	7.9	28.6	45	16	o
oo	6	22	2	o	o	—	7.6	30.0	32	11	o
oo	7	27	3	o	o	—	7	34	18	06	o
oo	9	oo	o	o	o	—	6.8	37.0	18	09	o
oo	7	oo	o	o	o	—	11.6	30.5	66	23	o
oo	7	32	1	1	o	—	10.6	31.0	22	07	o
oo	7	28	1	o	o	—	10.2	29.4	22	05	o
oo	8	oo	o	o	o	—	9.7	33.3	24	10	o
oo	7	oo	o	o	o	—	9.3	32.7	18	06	o
oo	6	32	3	o	o	—	8.3	30.2	35	13	o
oo	8	28	2	o	o	—	—	34.2	16	17	o
oo	9	29	2	o	o	—	7	31	52	20	o
oo	8	12	1	o	o	—	6.8	30.7	67	24	o

At 0600 on Monday 26th

PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. Maximum Yesterday	TEMPERATURE °C. Maximum Diff. from norm.	TEMPERATURE °C. Minimum Today	TEMPERATURE °C. Minimum Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
ww	V	DD	F	W		C	PPP		TT	T_xT_x		T_nT_n		UU				
oo	9	24	3	o	o	—	12.6		24.6	26		17		77	21	o	171	—
oo	8	27	4	o	o	—	12		25			18		61	17	o	—	—
																	147	—
o1	9	28	4	2	5	8	10.7	+1.2	25.0	28	-2	22	-1	68	19	o	209	186
o1	7	26	2	1	5	6	10.8		26	28		23		70	20	o	213	138
oo	8	22	3	1	tr	8	10.8	+2.4	25.8	32		20		61	18	o	85	106
oo	7	27	2	o	tr	6	N		26	32		24		62	18	o	56	—
oo	9	28	3	o	2	8	10.6	+2.0	28.3	30	o	22	+1	69	22	o	—	94
o1	6	28	2	1	5	8	11.6	+2.7	25.6	32	-1	19	-1	70	20	o	105	101
o1	7	28	2	1	5	6	11.2	+2.6	25.0	34	-1	20	-1	61	17	o	72	55
o1	8	oo	o	1	5	8	12.3	+3.1	25.4	35	o	16	-4	64	18	o	36	44
oo	6	32	2	o	o	—	11.8	+2.6	27.4	35	o	20	o	57	18	o	36	27
o1	7	28	2	1	5	8	11.5	+2.3	25.4	36		19		65	18	o	34	—
oo	7	32	1	o	o	—	11.9		27.8	37		22		60	20	o	21	—
oo	8	28	2	o	o	—	10		28	35		19		78	18	o	—	—
oo	7	04	1	o	o	—	11.1		23.9	25		21		68	18	o	25	—
oo	7	04	1	o	o	—	11.4	+2.5	24.2	25	-1	21	-1	69	18	o	32	26
oo	7	04	1	o	o	—	11.0	+2.2	24.8	28	+3	19	-1	64	18	o	31	27
oo	7	oo	o	o	o	—	11.0	+2.1	24.2	34	-1	20	-1	66	17	o	19	29
oo	8	32	1	o	o	—	11.4	+2.3	27.6	35	-2	20	-1	72	22	o	11	8
oo	9	02	1	o	o	—	10.1		28.4	36		19		53	17	o	11	—
oo	7	32	2	o	o	—	10		25.4	35		18		70	19	o	12	—
oo	7	26	1	o	o	—	10.8	+2.6	26.0	36	-1	19	-4	62	18	o	dr	4
oo	8	oo	o	o	o	—	9.6	+2.7	27.8	37		18		41	14	o	o	—
oo	8	24	2	o	o	—	9.6	+2.9	33.0	42	+2	23	-1	31	14	o	5	—
oo	8	22	2	o	1	1	9		32	41		24		27	05	o	dr	—
oo	9	oo	o	o	o	—	9.9	+2.9	30.0	42	+1	26	o			o	dr	—
oo	7	oo	o	o	o	—	12.4	+0.8	27.0	37	-1	20	-1	73	21	o	23	8
oo	7	oo	o	o	o	—	11.9	+2.0	25.3	36	-1	19	-1	46	12	o	18	7
o1	8	oo	o	o	3	5	11.9		29.2	38		21		42	14	o	—	—
oo	8	28	1	o	o	—	10.5	+2.1	28.2	37	-2	22	-1	27	07	o	dr	—
oo	9	02	1	o	o	—	10.0	+2.2	30.0	38	-2	19	-4	26	09	o	o	—
oo	8	oo	o	o	o	—	9.8	+1.6	27.1	38	+2	23	o	67	20	o	—	17
oo	8	28	5	o	o	—	—	—	27.2	37	+3			80	23	o	o	13
oo	9	29	3	o	o	—	8		30	31		26		49	18	o	1	3
oo	8	32	2	o	o	—	7.4	+1.4	32.2	33	-1	25	-2	39	16	o	o	4
o2	7	10	1	1	8	9	6		27			29		48	24	o	291	101
o1	8	o1	1	1	3	1	10		29					25	07	o	tr	—
o2	8	o8	1	1	9	4	9		31					46	18	o	tr	9
18	5	16		3	3	N	10		28					55	18	o	3	25
o2	8	16	3	1	8	4,5	11		27			25		62	19	o	13	59
o2	9	oo	o	1	10	4,5	13		25					79	21	4	35	128
o2	9	20	3	1	8	4	9		26					79	22	o	139	163
																—	—	270
																o	318	397
o2	9	29	4	1	8	4	12		26					70	20	o	194	151
o1	8	10	2	o	7	6,4	—		23					78	19	o	67	118
o2	7	20	1	1	10	4,5	—		22			21		94	21	—	—	213
																o	388	471
																o	542	690
																o	644	704

HUMIDITY

Mean of day

STATION	on 25th	Diff from normal
Alexandria	64	-11
Ezbekîya	60	0
Gîza	54	-6
Helwân	43	-6

GÎZA
GRASS MINIMUM TEMP
ON 26th 16.0 °C

Remarks

UPPER AIR OBSERVATIONS on 25th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT ON 25th AT 05h

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C
SURFACE	1001	29	28
500	971	30	18
1000	938	29	18
1500	950	29	18
2000	900	25	16
3000	850	19	13
4000	800	15	11
5000	750	13	5
6000	700	11	2
7000	650	9	1
8000	600	4	-2
9000	550	1	-3
10000	500	-2	-3
11000	450	-7	-7

FAROUK AIRPORT RAWINSONDE ON 26th AT 3h

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		21	62	340	2
1000	320	21	95	340	2
950					
900	3290	19	45	290	10
850	4900		95	290	17
800	6580	16	—	270	18
700	10170	11	—	190	25
600	14430	3	—	260	10
500	19230	-2	—	320	7
400					
300	30660	-26	—	360	4
250					
200					
150					
100					

STATION	Matruh		Fouad Pt Said									
TIME	14		15		14	15						
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	360	19	330	10	40	12						
500	350	7	330	10	40	6						
1000	330	10	320	15	330	6						
1500	320	09	320	18	280	11						
2000	310	06			210	17						
3000					220	30						
4000					180	22						
5000												
6000												
7000												
8000												

UPPER AIR OBSERVATIONS on 26th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÎD		FAROUK AIRPORT		ALMÁZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			4h	16h	3	15	3	15	3				6	18					5	30	5		5	
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			310	12	320	9	270	7	360	6			220	5					340	11	10	18	90	16
500			330	12	320	10	320	3	320	8			10	5					250	15	250	16	80	13
1000			350	15	330	17	40	2	350	8			350	6					340	19	360	24	70	8
1500			10	18	330	10	220	12	290	14			320	14					320	43	360	39	330	9
2000			10	19	340	10			260	14									290	10	200	14	300	7
3000			20	14	320	05			190	23													210	4
4000			10	6	320	05																	290	10
5000			360	3																			290	8
6000			330	9					330	5													310	3
7000			250	3																			320	5
8000			260	13					20	4														

STATION	BAHARÍYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FASHER		MALAKÂL	
TIME			5		6																			
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			20	12	20	10																		
500			60	6	360	12																		
1000			20	11	340	11																		
1500			250	9	320	15																		
2000			300	13	310	36																		
3000			300	16																				
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G.M.T.

LIBRARY WEATHER BUREAU

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

WIND FORCE (F)

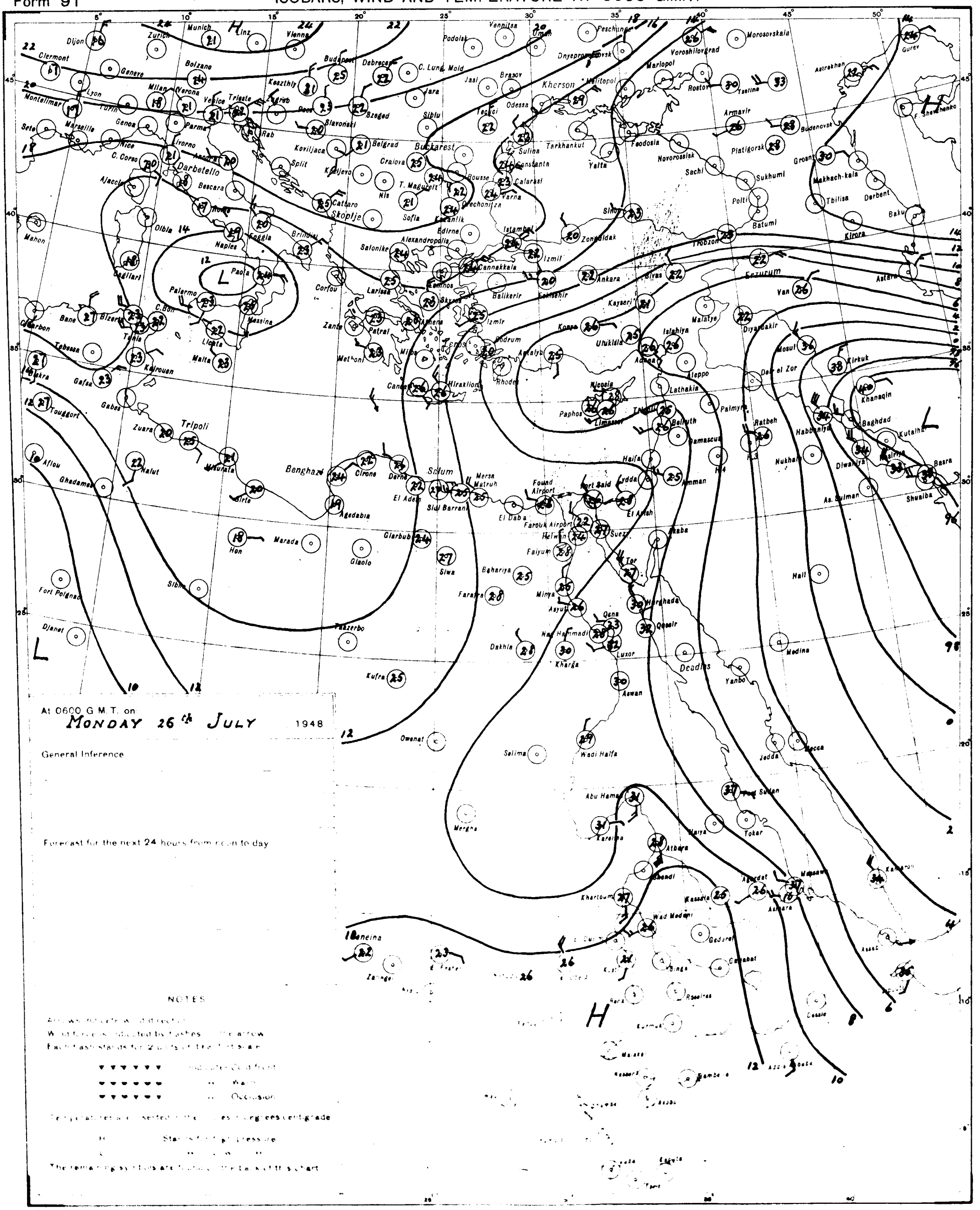
	KPH	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

16 on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on

MONDAY 26th JULY 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction

Wind force is indicated by flashes on the arrow

Each flash stands for 2 units of the Fort scale

▼ ▼ ▼ ▼ ▼ ▼ Indicates Cold front

▼ ▼ ▼ ▼ ▼ ▼ " Warm

▼ ▼ ▼ ▼ ▼ ▼ " Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure

L " " " "

The remaining symbols are found on the back of this chart

SCALE [illegible]

CAIRO
Time of Sunrise 03 10 G.M.T.
" " Sunset 16 52 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

DAILY WEATHER REPORT

Form 91

Date: TUESDAY 27th JULY, 1948.

At 1200 on Monday 26th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C. TT	HUMIDITY % UU	DEW POINT °C.	RAIN 6-12 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI	00	9	28	4	0	0	—	11.6	27.0	64	20	0
	160	MATRÛH	00	8	28	5	0	0	—	11	28	66	21	0
	134	EL DABA	00	8	30	3	0	0	—	10.7	27.4	62	19	0
	132	ALEXANDRIA	02	8	28	4	2	8	8	9.6	26.7	69	21	0
	150	FOUAD (Airport)	01	7	28	3	1	7	6	9.2	28	62	20	0
	159	DAMIETTA	00	8	30	2	0	0	—	9.8	28.2	62	21	0
	161	PORT SAʿID	00	8	32	2	0	0	—	9	29	49	17	0
	135	EL ʿARISH	00	9	32	4	0	0	—	8.7	28.3	67	21	0
LOWER EGYPT	136	DAMANHUR	01	7	32	4	1	3	8	9.4	29.0	60	20	0
	137	MANṢURA	01	8	28	2	1	3	4	8.7	31.4	46	19	0
	138	ṬANṬA	00	8	24	2	0	0	—	9.8	32.0	43	18	0
	139	ZAGAZIG	00	6	24	2	0	0	—	9.0	31.6	52	21	0
		SHIBÎN EL KÔM	00	8	28	3	0	Er	8	8.3	34.3	27	12	0
		ISMAʿILÎA	00	8	28	1	0	0	—	7.9	33.0	29	13	0
CAIRO AREA	928	FAROUK (Airport)	00	8	26	4	0	0	—	8	30	38	14	0
	141	ALMÂZA	00	8	22	1	0	0	—	8.3	32.6	40	15	0
		EZBEKÎYA	00	8	26	3	0	0	—	8.3	31.4	38	15	0
		GÎZA	00	8	26	3	0	0	—	8.6	32.2	31	13	0
	143	ḤELWÂN	00	8	26	4	0	0	—	8.6	30.0	34	13	0
UPPER EGYPT	153	FAIYÛM	00	8	02	1	0	0	—	9.1	30.2	37	14	0
		BENI SUEF	00	9	02	1	0	0	—	9.0	33.2	32	14	0
	162	MINYA	00	8	31	5	0	0	—	9	35	16	06	0
	155	ASYÛṬ	00	8	22	1	0	0	—	7.5	34.4	25	11	0
	164	NAGʿ ḤAMMÂDI	00	8	24	1	0	0	—	7.5	35.3	20	09	0
	156	QENA	00	9	22	3	0	0	—	5.8	37.0	18	09	0
	157	LUXOR	00	8	28	5	0	0	—	6	38	09	-1	0
	158	ASWÂN	00	9	32	1	0	0	—	5.8	40.0	15	09	0
OASES	146	SIWA	00	8	00	0	0	0	—	11.4	35.2	—	—	0
	149	BAḤARÎYA	00	8	28	1	0	0	—	9.8	34.0	24	08	0
		FARAFRA	00	8	32	1	0	0	—	9.8	36.3	20	10	0
	152	DAKHLA	00	9	00	0	0	0	—		37.9	21	12	0
	151	KHARGA	00	9	00	0	0	0	—	6.8	36.4	19	09	0
RED SEA	144	SUEZ	00	8	32	2	0	0	—	7.6	33.1	32	14	0
	145	TÔR												
	163	HURGHÂDA	00	9	02	4	0	0	—	6	30	59	21	0
	147	QUSEIR	00	8	02	2	0	0	—	5.6	31.0	68	24	0
	208	PORT SÛDÂN												0
NORTH SÛDÂN	165	WADI ḤALFA	00	7	30	4	0	0	—	7	41	7	-2	0
	166	KAREIMA	01	8	28	4	1	5	8,4	5	40	11	4	0
	167	ʿAṬBARA	01	8	20	2	1	7	8,4	6	39	14	7	0
	209	KHARTÛM	02	8	16	2	1	8	9,4	7	35	30	15	0
	170	KASSALA	01	8	16	2	1	7	8,4	7	33	50	21	0
CENTRAL SÛDÂN	171	WAD MEDANI	01	8	18	3	1	5	3	9	31	55	21	0
	182	RENK	01	9	20	3	1	7	8	10	29	70	23	
	172	ROSEIRES												0
	174	EL OBEID	02	8	24	3	1	8	8,1	7	33	41	18	0
	175	EL FÂSHER												0
	179	GENEINA												0
S. SÛDÂN	176	MALAKÂL	61	8	00	0	1	9	9,4	11			22	0
	177	WÂU	01	7	00	0	1	3	8	9	32	31	13	0
	178	JUBA	00	8	32	2	0	2	8	9	31	49	19	0

At 1800 on 26th

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C TT	HUMIDITY % UU	DEW POINT °C.	RAIN 12-18 G.M.T. mms
SIDI BARÂNI	00	9	28	3	0	0	—	11.1	24.0	86	21	0
MATRÛH	00	7	27	3	0	0	—	10	24	79	20	0
EL DABA	00	6	28	2	0	0	—	9.2	23.2	63	20	0
ALEXANDRIA	00	5	28	4	0	0	—	8.8	25.0	71	19	0
FOUAD (Airport)	00	7	29	3	0	0	—	8.5	25	74	20	0
DAMIETTA	01	7	28	2	1	2	8	7.8	25.2	82	22	0
PORT SAʿID	00	7	29	3	0	1	6	8	26	74	21	0
EL ʿARISH	00	9	32	3	0	0	—	8.0	25.1	67	18	0
DAMANHUR	00	7	28	2	1	6	—		24.2	83	21	0
MANṢURA	01	6	28	2	1	5	6	8.2	26.2	73	21	0
ṬANṬA	01	8	28	1	1	5	8	8.5	25.6	78	22	0
ZAGAZIG	00	6	32	2	0	0	—	8.9	27.4	67	20	0
SHIBÎN EL KÔM	00	7	28	2	0	0	—	9.0	25.4	61	17	0
ISMAʿILÎA	00	7	04	2	0	0	—	9.1	27.0	56	17	0
FAROUK (Airport)	00	7	30	4	0	0	—	8	29		18	0
ALMÂZA	00	7	30	2	0	0	—	7.9	28.9	56	19	0
EZBEKÎYA	00	7	32	1	0	0	—	8.0	28.0	57	19	0
GÎZA	00	7	32	1	0	0	—	8.4	28.0	52	17	0
ḤELWÂN	00	7	28	4	0	0	—	7.5	28.6	48	17	0
FAIYÛM	00	8	30	2	0	0	—	7.1	29.0	42	15	0
BENI SUEF	00	9	26	1	0	0	—	6.6	28.1	40	13	0
MINYA	00	7	00	0	0	0	—	7	26	43	12	0
ASYÛṬ	00	6	28	1	0	0	—	7.9	29.3	28	17	0
NAGʿ ḤAMMÂDI	00	8	00	0	0	0	—	6.8	27.0	39	12	0
QENA	00	6	26	2	0	0	—	6.3	29.6	32	12	0
LUXOR												
ASWÂN												
SIWA	00	6	00	0	0	0	—	11.1	31.2	64	24	0
BAḤARÎYA	00	7	28	1	0	0	—	9.0	31.0	27	09	0
FARAFRA	00	7	22	1	0	0	—	9.2	29.8	30	10	0
DAKHLA	00	8	00	0	0	0	—	7.5	32.3	27	10	0
KHARGA	00	7	00	0	0	0	—	7.4	32.6	32	09	0
SUEZ	00	6	32	2	0	0	—	6.7	29.7	40	15	0
TÔR												
HURGHÂDA	00	9	29	3	0	0	—	4	30	49	18	0
QUSEIR	00	8	32	1	0	0	—	4.8	31.0	53	20	0
PORT SÛDÂN	01	7	00	0	1	5	4	5	32	63	24	0
WADI ḤALFA	00	8	30	1	0	Er	1	5	30	18	03	0
KAREIMA	01	8	30	1	1	3	8,5	6	19	16		0
ʿAṬBARA												0
KHARTÛM	01	8	18	3	6	7	6	8	31	46	18	dr
KASSALA												0
WAD MEDANI												0
RENK												
ROSEIRES												0
EL OBEID	90	7	24	3	6	10	6	11	26	74	21	dr
EL FÂSHER	01	8			1	3	4	—	27	52	18	0
GENEINA												0
MALAKÂL	07	8	00	0	1	3	9,4	11	30	59	21	dr
WÂU												0
JUBA	00	8	00	0	0	0	—	9	25	79	21	0

At 0600 on Tuesday 27th

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESSURE M.S.L. mbs. PPP	Diff. from normal mbs.	TEMP. Dry Bulb TT	MAXIMUM Yesterday TxTx	MAX. Diff. from norm.	MINIMUM Today TnTn	MIN. Diff. from norm.	HUMIDITY % UU	DEW POINT °C.	RAINFALL Past 24 hrs	RAINFALL Total From Oct. 1	RAINFALL Norm. From Oct. 1	STATION	AREA
SIDI BARÂNI	01	9	26	3	1	5	8	8.8		24.6	28		22		83	22	0	171	—	SÎDI BARÂNI	MEDITERRANEAN
MATRÛH	00	7	26	3	0	0	—	8		24	29		19			22	0	—	—	MATRÛH	
EL DABA	01	7	26	3	1	5	8			26.3	29		19		72	20	0	117	—	EL DABAʿ	
ALEXANDRIA	01	9	24	3	1	3	4	6.4	-3.1	25.4	27	-3	23	0	75	20	0	209	186	ALEXANDRIA	
FOUAD (Airport)	00	7	28	3	0	0	—	6.1		26	28		24		74	21	0	213	138	FOUAD (Airport)	
DAMIETTA	01	6	20	2	1	7	9	5.6	-2.8	27.1	31		21		76	22	0	85	106	DAMIETTA	
PORT SAʿID	05	6	22	3	1	3	6	5		26	30		24		74	20	0	56	—	PORT SAʿID	
EL ʿARISH	01	9	20	3	1	5	2	6.3	-2.3	26.3	30	-1	22	+1	65	19	0	—	94	EL ʿARISH	
DAMANHUR	00	6	28	4	0	0	—	6.6	-2.3	27.0	31	-2	20	0	72	21	0	105	101	DAMANHÛR	LOWER EGYPT
MANṢURA	03	7	24	2	2	10	6	6.4	-2.2	25.0	33	-2	22	+1	84	22	0	73	55	MANṢÛRA	
ṬANṬA	01	8	28	3	1	5	8	7.1	-2.1	25.3	32	-3	19	-1	71	19	0	26	44	ṬANṬA	
ZAGAZIG	00	6	24	2	0	0	—	7.2	-2.0	26.8	34	-1	22	+2	74	22	0	36	27	ZAGÁZIG	
SHIBÎN EL KÔM	00	7	30	2	0	0	—			24.8	35		20		62	17	0	34	—	SHIBÎN EL KÔM	
ISMAʿILÎA	02	6	24	2	2	8	6	5.9		26.5	34		23		66	19	0	21	—	ISMAÎLÎA	
FAROUK (Airport)	02	7	24	3	1	9	6	7		27	32		23		62	19	0	—	—	FAROUK (Airport)	CAIRO AREA
ALMÂZA	02	7	26	1	2	8	6	6.7	-2.2	24.0	33		22		83	21		25	—	ALMÂZA	
EZBEKÎYA	02	7	28	1	2	9	6	7.2	-1.7	24.6	34	-2	22	0	78	21	0	32	26	EZBEKÎYA	
GÎZA	02	7	28	1	2	9	6	7.4	-1.4	25.0	34	-2	22	+2	76	20	0	31	27	GÎZA	
ḤELWÂN	02	6	28	2	2	9	6	7.1	-1.9	23.6	33	-2	22	+1	82	21	0	19	29	ḤELWÂN	
FAIYÛM	01	8	30	1	1	3	8	7.1	-2.0	25.1	35	-2	20	-1	69	19	0	11	8	FAIYÛM	UPPER EGYPT
BENI SUEF	01	9	02	1	0	5	4	7.8		25.8	34		20		69	20	0	11	—	BENI SUEF	
MINYA	00	7	32	4	0	0	—	8		25	35		17		70	19	0	12	—	MINYA	
ASYÛṬ	00	7	22	1	0	0	—	8.2	0.0	25.1	36	-1	20	-3	61	17	0	dr	4	ASYÛṬ	
NAGʿ ḤAMMÂDI	00	8	00	0	0	0	—	6.8	-0.1	27.6	35		18		46	15	0	0	—	NAGʿ ḤAMMÂDI	
QENA	00	8	24	2	0	0	—	5.9	-0.8	30.2	39	-1	22	-2	35	13	0	5	—	QENA	
LUXOR	00	8	22	1	0	0	—	6		30			21		29	10	0	dr	—	LUXOR	
ASWÂN	00	9	00	0	0	0	—	6.2	-0.8	28.6	41	0	24	-2	33	11	0	dr	—	ASWÂN	
SIWA	00	7	28	2	0	0	—	11.0	-0.6	24.8	37	-1	19	-2	80	21	0	23	8	SIWA	OASES
BAḤARÎYA	00	7	00	0	0	0	—	9.0	-0.9	25.4	35	-2	18	-2	51	14	0	18	7	BAHARIYA	
FARAFRA	00	8	00	0	0	0	—	9.0		27.7	37		23		42	14	0	—	—	FARAFRA	
DAKHLA	00	8	00	0	0	0	—		-1.	28.4	38	-1	22	-1	29	08	0	dr	—	DAKHLA	
KHARGA	00	9	02	1	0	0	—	7.6	-0.2	26.0	38	-2	19	-4	43	12	0	0	—	KHARGA	
SUEZ	00	8	00	0	0	0	—	5.8	-2.4	27.8	35	-1	24	+1	54	18	0	—	17	SUEZ	RED SEA
TÔR																		0	13	TOR	
HURGHÂDA	00	9	30	2	0	0	—	4		28	30		24		66	21	0	1	3	HURGHADA	
QUSEIR	00	8	28	1	0	0	—	4.8	-1.2	30.7	33	-1	25	-2	51	20	0	0	4	QUSEIR	
PORT SÛDÂN	00	7	28	2	1	0	—	4									0	291	101	PORT SUDAN	
WADI ḤALFA	00	8	00	0	0	0	—	7		29					29	09	0	tr	—	WÂDI HALFA	NORTH SÛDÂN
KAREIMA	00	8	20	3	0	0	—	8		32	42						0	tr	9	KAREIMA	
ʿAṬBARA	02		20	7	0	9	4										0	3	25	ʿAṬBARA	
KHARTÛM	02	8	10	3	1	9	4,5	9		27					70	21	0	13	60	KHARTÛM	
KASSALA																	0	35	132	KASSALA	
WAD MEDANI	02	9					5										17	156	167	WAD MEDANI	CENTRAL SÛDÂN
RENK																		—	274	RENK	
ROSEIRES	01	8					5										37	350	403	ROSEIRES	
EL OBEID	02	8	16	1	1	9	6,4	11		24					74	19	14	208	154	EL OBEID	
EL FÂSHER	02	8	28	1	1	9	4,2	—		26	33				62	18	0	67	117	EL FÂSHER	
GENEINA	02	8	20	1	1	8	8,4	—		22					94	21	—	—	220	GENEINA	
MALAKÂL	02	8	00	0	1	10	4	12		24					89	22	tr	388	477	MALAKAL	S. SÛDÂN
WÂU	00	8															0	542	696	WÂU	
JUBA											27						0	644	708	JUBA	

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

HUMIDITY % Mean of day

STATION	on 26th	Diff. from normal
Alexandria	58	-17
Ezbekiya	60	0
Giza	54	-6
Helwân	54	+5

GIZA
GRASS MINIMUM TEMP
ON 27th 18.8 °C

Remarks

UPPER AIR OBSERVATIONS on 26th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT ON 26th AT 15h

HEIGHT FEET	PRESSURE mbs	DRY °C	WET °C
SURFACE	998	30	23
500	976	29	21
1000	957	27	20
1800	950	27	20
[illegible]	900	22	17
[illegible]	850	17	14
[illegible]	800	16	6
[illegible]	750	12	5
[illegible]	700	11	5
[illegible]	650	8	3
[illegible]	600	6	2
[illegible]	550	3	1
[illegible]	500	-3	-3
[illegible]	450	-6	-6

FAROUK AIRPORT — RAWINSONDE ON 27th AT 3h

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		23	87	270	9
1000					
950					
900	3170	19	55	320	16
850	4980	19	35	350	32
800	6490	16	35	350	27
700	10160	12	—	310	6
600	14330	6	—	310	9
500	19170	-1	—	10	2
400					
300	31910	-26	—	40	17
250					
200					
150					
100					

STATION	Matruh DD	Matruh VV	Fouad A.P. DD	Fouad A.P. VV	P. Said DD	P. Said VV
TIME	14		15		4 15	
200	310	17	330	20	350	10
500	320	24	340	23	300	15
1000	320	16	340	25	280	16
1500	250	17			270	19
2000	40	5			240	7
3000	340	13			80	8
4000	10	12				
5000	340	8				
6000	360	5				
7000						
8000						

UPPER AIR OBSERVATIONS on 27th

DD Direction of wind in degrees East of North. VV Velocity in knots.

HEIGHT m.	SÎDI BARÂNI DD	VV	MATRÛH DD	VV	FOUAD AIRPORT DD	VV	PORT SAʿID DD	VV	FAROUK AIRPORT DD	VV	ALMÂZA DD	VV	HELWÂN DD	VV	MINYA DD	VV	ASYÛṬ DD	VV	LUXOR DD	VV	ASWÂN DD	VV	SIWA DD	VV
TIME			6	45	3		4		3				7	15					5		5		5	
200			300	10	330	21	240	7	290	10			320	10					330	13			340	11
500			310	15	350	22	280	7	310	11			330	10					330	15	360	14	360	14
1000			340	15	340	26	300	6	320	12			300	10					330	20	340	14	340	7
1500			300	16			300	8	350	20			340	24					320	27	320	22	300	12
2000			340	10					340	23											300	30	300	16
3000			350	11					310	5													340	19
4000			10	17																			10	17
5000			40	3																			360	14
6000			20	21					360	3														
7000																								
8000									40	11														

HEIGHT m	BAHARÎYA DD	VV	DAKHLA DD	VV	KHARGA DD	VV	HURGHADA DD	VV	WÂDI HALFA DD	VV	ABU HAMÂD DD	VV	KAREIMA DD	VV	KHARTÛM DD	VV	KASSALA DD	VV	EL OBEID DD	VV	EL FÂSHER DD	VV	MALAKAL DD	VV
TIME			5		7								3	15					4	15	4			
200			50	4	360	4																		
500			40	11	360	10																		
1000			360	17	340	11																		
1500			350	16	330	17							260	8					300	13	330	9		
2000			360	16	310	24							320	6					280	12	280	12		
3000													310	12					290	18	260	4		
4000																					230	6		
5000																					210	4		
6000																					80	4		
7000																					90	6		
8000																								

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/196)

LIBRARY WEATHER BUREAU

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on:

TUESDAY 27th JULY 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction

Wind force is indicated by flashes on the arrow

Each flash stands for 2 units of Beaufort scale

▼▼▼▼▼ Indicates Cold front

▬▬▬▬▬ " Warm "

▬▼▬▼▬▼ " Occlusion

Temperatures are inserted at the stations in degrees centigrade

H Stands for high pressure

L " " low "

The remaining symbols are found on the back of this chart

SCALE

CAIRO
Time of Sunrise 03 11 G.M.T.
" " Sunset 16 51 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date : WEDNESDAY 28th JULY , 1948.

At 1200 on Tuesday 27th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	°C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	oo	9	26	4	0	0	—	8.3	26.9	73	22	0
	160	MATRÛH	oo	8	28	5	0	0	—	8	28	66	21	0
	134	EL DABA												
	132	ALEXANDRIA	01	8	28	4	2	5	4	6.2	27.0	71	22	0
	150	FOUAD (Airport)	01	7	27	4	1	6	6	5.8	29	66	22	0
	159	DAMIETTA	oo	7	28	3	1	0	—	5.0	28.5	72	22	0
	161	PORT SAÏD	oo	7	31	3	0	0	—	4	28	79	24	0
	135	EL ARISH	oo	9	30	5	0	0	—	5.0	29.1	56	19	0
LOWER EGYPT	136	DAMANHUR	oo	7	28	3	0	0	—	6.2	29.8	60	21	0
	137	MANŞURA	oo	8	28	2	1	0	—	4.7	31.4	51	21	0
	138	TANTA	oo	8	20	3	1	0	—	5.8	32.0	54	21	0
	139	ZAGAZIG	oo	6	24	2	0	0	—	5.6	33.4	58	23	0
		BHIBÎN EL KÔM	oo	8	28	3	0	0	—	4.6	35.9	27	14	0
		ISMAÏLÍA	01	8	28	1	1	3	9	4.3	34.0	43	20	0
CAIRO AREA	928	FAROUK (Airport)	oo	8	28	4	0	0	—	4	34	32	15	0
	141	ALMÂZA	oo	8	26	2	1	0	—	4	32	41	18	0
		EZBEKÍYA	oo	8	28	2	0	0	—	4.7	33.6	37	17	0
		GÎZA	oo	8	28	2	0	0	—	5.1	35.0	31	16	0
	143	HELWÂN	oo	8	26	W	0	0	—	3.9	33.0	30	13	0
UPPER EGYPT	153	FAIYÛM	oo	8	30	3	0	0	—	4.8	33.6	23	10	0
		BENI SUEF	oo	9	02	1	0	0	—	5.0	34.7	35	17	0
	162	MINYA	oo	8	01	4	0	0	—	5	36	20	10	0
	155	ASYÛT	oo	8	20	2	0	0	—	6.0	34.3	21	09	0
	164	NAG' HAMMÂDI	oo	8	28	2	0	0	—	4.8	34.0	19	07	0
	156	QENA	oo	9	26	3	0	0	—	3.1	37.8	18	16	0
	157	LUXOR	oo	8	26	4	0	0	—	4	36	10	00	0
	158	ASWÂN	oo	9	28	2	0	0	—	3.6	37.8	13	05	0
OASES	146	SIWA	oo	8	24	3	0	0	—	9.2	37.6	53	27	0
	149	BAHARÍYA	oo	8	32	2	0	0	—	7.1	35.2	19	08	0
		FARAFRA												
	152	DAKHLA	oo	9	oo	0	0	0	—	6.0	36.7	20	11	0
	151	KHARGA	oo	9	oo	0	0	0	—	4.7	35.3	18	07	0
RED SEA	144	SUEZ	oo	8	oo	0	0	0	—	3.1	33.4	18	06	0
	145	TÛR												
	163	HURGHÂDA	oo	9	02	3	0	tr	8	3	30	62	22	0
	147	QUSEIR	oo	8	02	2	0	0	—	3.9	31.0	63	23	0
	208	PORT SÛDAN	oo	8	08	5	0	2	4	1	36	37	19	0
NORTH SÛDAN	165	WADI HALFA	oo	8	30	1	0	0	—	4	39	11	03	0
	166	KAREIMA	oo	8	26	2	0	2	8	4	39	12	04	0
	167	ATBARA												
	209	KHARTÛM	01				0	8	9	4	36	31	16	0
	170	KASSALA	01		22	1	1	7		4	33	34	15	0
CENTRAL SÛDAN	171	WAD MEDANI												0
	182	RENK												
	172	ROSEIRES												0
	174	EL OBEID	01	8	24	2	1	5		9.4	6	31	52	20	0
	175	EL FÂSHER	01	8	20	1	1	5		8	—	32	36	16	0
	179	GENEINA	01	8	08	3	1	7		9.4	8	29	52	18	0
S. SÛDAN	176	MALAKÂL												0
	177	WÂU												0
	178	JUBA												0

At 1800 on 27th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	°C.	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	oo	8	26	3	0	0	—	8.2	23.7	85	21	0
	160	MATRÛH	oo	7	28	4	0	tr	6	7	24	89	22	0
	134	EL DABA												
	132	ALEXANDRIA	oo	5	30	3	0	0	—	5.6	25.0	84	22	0
	150	FOUAD (Airport)	oo	7	28	2	0	0	—	5.5	25	79	21	0
	159	DAMIETTA	02	7	28	3	1	8	9	5.0	25.2	88	23	0
	161	PORT SAÏD	oo	7	28	4	0	2	6	4	26	84	23	0
	135	EL ARISH	oo	9	28	3	0	0	—	4.7	25.1	82	22	0
LOWER EGYPT	136	DAMANHUR	oo	7	28	3	0	0	—	6.3	24.3	68	18	0
	137	MANŞURA	oo	6	24	2	0	0	—	5.2	25.8	78	22	0
	138	TANTA	01	8	00	0	1	5	8	5.9	25.9	85	23	0
	139	ZAGAZIG	oo	6	24	2	0	0	—	6.1	26.6	72	21	0
		BHIBÎN EL KÔM	oo	7	28	2	0	0	—	5.2	25.9	61	18	0
		ISMAÏLÍA	oo	7	04	2	0	0	—	5.3	27.5	47	16	0
CAIRO AREA	928	FAROUK (Airport)	oo	7	28	2	0	0	—	5	28	52	17	0
	141	ALMÂZA	oo	7	28	1	0	0	—	4.8	28	57	19	
		EZBEKÍYA	oo	7	30	1	0	0	—	5.1	27.7	60	19	0
		GÎZA	oo	7	30	1	0	0	—	5.8	28.2	58	19	0
	143	HELWÂN	oo	7	28	2	0	0	—	5.1	29.0	48	17	0
UPPER EGYPT	153	FAIYÛM	oo	8	32	1	0	0	—	4.8	28.8	40	14	0
		BENI SUEF	oo	9	02	1	0	0	—	4.4	29.7	36	13	0
	162	MINYA	oo	7	02	3	0	0	—	5	26	42	12	0
	155	ASYÛT	oo	6	22	1	0	0	—	5.6	28.3	32	10	0
	164	NAG' HAMMÂDI	oo	8	00	0	0	0	—	4.3	26.8	40	12	0
	156	QENA	oo	6	24	2	0	0	—	3.6	28.3	38	12	0
	157	LUXOR	oo	7	26	3	0	0	—	4	33	12	00	0
	158	ASWÂN	oo	9	00	0	0	0	—	4.7	35.5	12	02	0
OASES	146	SIWA	oo	6	24	4	0	0	—	8.4	31.5	63	24	0
	149	BAHARÍYA	oo	7	28	5	0	0	—	6.3	31.0	22	07	0
		FARAFRA												
	152	DAKHLA	oo	8	00	0	0	0	—	5.7	32.0	28	11	0
	151	KHARGA	oo	7	00	0	0	0	—	5.0	31.6	17	04	0
RED SEA	144	SUEZ			30	4	0	0	—	4.5	30.1	47	17	0
	145	TÛR												
	163	HURGHÂDA	oo	9	26	1	0	0	—	3	30			0
	147	QUSEIR	oo	8	04	1	0	0	—	2.8	29.0	71	23	0
	208	PORT SÛDAN												
NORTH SÛDAN	165	WADI HALFA												
	166	KAREIMA												
	167	ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÛDAN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S. SÛDAN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 0600 on Wednesday 28th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. MAXIMUM Yesterday	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
			ww	V	DD	F	W		C	PPP		TT	T_xT_x		T_nT_n		UU				
MEDITERRANEAN	146	SIDI BARÂNI	01	9	26	4	0	3	8	7.2		24.8	28		23		83	22	0	171	—
	160	MATRÛH	00	8	27	3	0	0	—	6		24	29		20		89	22	0	—	—
	134	EL DABA																		117	—
	132	ALEXANDRIA	01	9	28	3	1	3	4	5.5	-4.0	25.4	27	-3	23	0	78	21	0	209	186
	150	FOUAD (Airport)	01	7	00	0	0	5	6	6.2		17	29		23		79	23	0	213	138
	159	DAMIETTA	02	7	20	2	1	8	6	5.1	-3.3	26.6	29		23		80	23	0	85	106
	161	PORT SAÏD	05	6	23	2	1	10	6	5		26	30		25		79	22	0	56	81
	135	EL ARISH	00	9	20	3	0	0	—	5.5	-3.1	28.8	30	-1	23	+2	57	20	0	—	94
LOWER EGYPT	136	DAMANHUR	02	6	28	4	2	8	8	6.0	-2.9	25.8	31	-2	19	-1	67	19	0	105	101
	137	MANŞURA	01	7	30	1	1	5	6	5.5	-3.1	26.5	33	-2	22	+1	77	22	0	73	55
	138	TANTA	01	8	24	1	1	5	8	6.3	-3.0	27.0	32	-3	18	-2	68	21	0	26	44
	139	ZAGAZIG	00	6	32	2	0	0	—	5.9	-3.3	26.4	34	-1	20	0	68	20	0	36	27
		BHIBÎN EL KÔM	01	7	30	2	0	0	—	6.2	-3.0	25.8	36		20		66	19	0	34	—
		ISMAÏLÍA	01	7	28	1	1	5	4	5.6		27.0	35		24		64	20	0	21	—
CAIRO AREA	928	FAROUK (Airport)	05	7	22	4	0	0	—	6		26						19	0	—	—
	141	ALMÂZA	01	7	00	0	1	7	6	6.0		24	34		24			21		25	—
		EZBEKÍYA	02	7	28	1	2	8	6	6.4	-2.5	25.0	35	-1	22	0	77	21	0	32	26
		GÎZA	03	7	28	1	2	8	6	6.2	-2.6	25.8	36	+1	20	0	76	21	0	31	27
	143	HELWÂN	09	6	00	0	2	8	8	6.2	-2.8	24.9	34	-1	21	0	82	21	0	19	29
UPPER EGYPT	153	FAIYÛM	00	8	00	0	0	1	8	6.0	-3.1	25.1	36	-1	21	0	72	20	0	11	8
		BENI SUEF	00	7	02	1	0	0	—	5.7		26.8	35		19		61	19	0	11	—
	162	MINYA	00	7	31	1	0	0	—	6		26	36		18		66	19	0	12	—
	155	ASYÛT	00	7	20	1	0	0	—	6.7	-1.5	26.0	36	-1	21	-2	52	15	0	tr	tr
	164	NAG' HAMMÂDI	00	8	00	0	0	0	—	5.5	-1.4	27.2	34		18		48	13	0	0	—
	156	QENA	00	8	24	2	0	0	—	4.4	-2.3	31.6	39	-1	22	-2	35	15	0	5	—
	157	LUXOR	00	8	20	1	0	0	—	5		31	37		20		43	17	0	tr	—
	158	ASWÂN	00	9	00	0	0	0	—	5.4	-1.6	30.6	39	-2	24	-2	33	13	0	tr	—
OASES	146	SIWA	00	7	32	1	0	0	—	8.8	-2.8	26.2	38	0	21	0	69	18	0	23	8
	149	BAHARÍYA	00	8	00	0	0	0	—	7.5	-2.4	25.6	36	-1	22	+2	64	19	0	18	7
		FARAFRA																		—	—
	152	DAKHLA	00	8	28	1	2	1	—	7.7	-2.7	29.4	37	-2	22	-1	25	07	0	tr	—
	151	KHARGA	00	9	00	0	0	0	—	7.0	-2.8	28.3	37	-3	21	-2	34	11	0	0	—
RED SEA	144	SUEZ	00	9	00	0	0	0	—	5.0	-3.2	26.9	37	+1	23	0	61	19	0	—	17
	145	TÛR																		0	13
	163	HURGHÂDA	00	9	02	3	0	0	—	4		27	31		26		74	22	0	1	3
	147	QUSEIR	00	8	32	2	0	0	—	3.8	-2.2	32.4	31	-3	25	-2			0	0	4
	208	PORT SÛDAN																	0	291	101
NORTH SÛDAN	165	WADI HALFA																	0	tr	—
	166	KAREIMA																	0	tr	10
	167	ATBARA																	0	3	25
	209	KHARTÛM																	1	14	62
	170	KASSALA																	0	35	135
CENTRAL SÛDAN	171	WAD MEDANI																	0	156	172
	182	RENK																		—	278
	172	ROSEIRES																	23	373	409
	174	EL OBEID																	0	288	158
	175	EL FÂSHER																	1	68	122
	179	GENEINA																	0	—	227
S. SÛDAN	176	MALAKÂL																	0	388	483
	177	WÂU																	1	543	702
	178	JUBA																	0	644	712

HUMIDITY

Mean of day

STATION	on 27th	Diff. from normal
Alexandria	78	+3
Ezbekîya	66	+6
Gîza	63	+3
Helwân	62	+13

GIZA GRASS MINIMUM TEMP. ON 28th 16.8 °C

Remarks

UPPER AIR OBSERVATIONS on 27th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT ON — AT —

HEIGHT FEET	PRESSURE mbs	DRY °C	WET °C
SURFACE			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT RAWINSONDE ON 28th AT 03h

PRESSURE mbs	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		21	89	270	8
1000					
950					
900	3140	22	25	320	14
850	4770	21	25	320	20
800	6470	16	25	10	17
700	10140	8	—	290	5
600	14280	4	—	60	8
500	18970	-2	—	320	6
400					
300	31980	-26	—	240	4
250					
200					
150					
100					

STATION	Found AP.	P.Said
TIME	1m 45	14 30
HEIGHT m.	DD VV	DD VV
200	310 18	270 16
500	300 16	280 9
1000	310 18	310 6
1500	290 23	340 5
2000		
3000		
4000		
5000		
6000		
7000		
8000		

STATION		
TIME		
HEIGHT m.	DD VV	DD VV
200		
500		
1000		
1500		
2000		
3000		
4000		
6000		
7000		
8000		

UPPER AIR OBSERVATIONS on 28th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI	MATRÛH		POUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME		4.45		3				3				6.45						8.15				4.45	
HEIGHT m.	DD VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200		300	14	310	13			300	11			290	5					320	8				
500		330	15	260	12			220	12			320	5					10	11			350	9
1000		20	17	300	15			320	13			320	12					330	13			330	10
1500		20	8	320	18			320	17			320	23					330	15			350	21
2000		90	8					10	15									320	10			340	23
3000								360	5													330	28
4000																						320	16
5000																							
6000								320	6														
7000																							
8000								140	3														

STATION	BAHARÍYA	DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME		5		5																			
HEIGHT m.	DD VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200		310	7	20	6																		
500		300	10	360	8																		
1000		320	11	350	9																		
1500		310	8	300	10																		
2000		310	11																				
3000		300	16																				
4000																							
5000																							
6000																							
7000																							
8000																							

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

LIBRARY WEATHER BUREAU

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K P H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on:
WEDNESDAY 28th JULY 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

SCALE 1 15,000,000

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

CAIRO

Time of Sunrise 03 12 G.M.T.

" " Sunset 16 50 G.M.T.

DAILY WEATHER REPORT

Date: Thursday 29th JULY, 1948.

At 1200 on Wednesday 28th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARANI	00	9	28	5	0	tr	8	7.2	26	78	22	0
	160	MATRUH	00	8	30	5	0	0	—	7	28	74	23	0
	134	EL DABA	00	8	28	2	0	0	—		28.1	71	22	0
	132	ALEXANDRIA	01	9	28	3	2	3	4	5.8	27.6	73	23	0
	150	FOUAD (Airport)	00	7	28	4	0	2	6	5.7	29	66	22	0
	159	DAMIETTA	00	6	28	3	1	0	—	4.6	28.1	77	23	0
	161	PORT SA'ID	00	7	31	3	0	0	—	4	31	55	21	0
	135	EL 'ARISH	00	9	28	3	0	0	—	3.2	29.1	58	20	0
Lower Egypt	136	DAMANHUR	00	7	04	3	0	0	—	5.3	31.2	62	23	0
	137	MANSURA	01	8	28	2	1	5	8	5.0	32.8	51	21	0
	138	TANTA	00	8	24	3	0	0	—	5.4	33.0	50	21	0
	139	ZAGAZIG	00	6	32	2	0	0	—	4.3	33.2	40	18	0
		SHIBIN EL KOM	00	8	28	3	0	0	—	5.1	34.8	28	14	0
		ISMAILIA	00	8	26	1	0	0	—	3.9	34.9	44	21	0
Cairo Area	928	FAROUK (Airport)	00	7	28	4	0	0	—	4	33	38	17	0
	141	ALMAZA	00	8	26	2	0	0	—	4	34	41	19	0
		EZBEKIYA	00	8	28	2	0	0	—	4.7	33.8	41	19	0
		GIZA	00	8	28	2	0	0	—	4.6	36.1	26	14	0
	143	HELWAN	00	8	28	3	0	0	—	4.4	32.9	39	17	0
Upper Egypt	153	FAIYUM	00	8	30	1	0	0	—	4.4	33.0	33	14	0
		BENI SUEF	00	9	02	1	0	0	—	4.8	34.7	40	19	0
	162	MINYA	00	8	03	2	0	0	—	4	35	25	12	0
	155	ASYUT	00	8	22	1	0	0	—	4.7	36.0	15	06	0
	164	NAG HAMMADI	00	8	24	1	0	0	—	3.8	36.0	19	09	0
	156	QENA	00	9	22	3	0	0	—	3.6	38.0	22	13	0
	157	LUXOR	00	8	22	2	0	0	—	3	38	12	4	0
	158	ASWAN	00	9	20	1	0	0	—	3.1	37.3	18	09	0
Oases	148	SIWA	00	8	00	0	0	0	—	7.6	35.0	28	13	0
	149	BAHARIYA	00	8	28	1	0	0	—	5.9	34.5	25	11	0
		FARAFRA												
	152	DAKHLA	00	9	26	1	0	0	—	5.0	36.4	19	09	0
	151	KHARGA	00	9	10	1	0	0	—	4.0	37	14	06	0
Red Sea	144	SUEZ	00	9	00	0	0	0	—	3.6	34.6	20	09	0
	145	TOR												
	163	HURGHADA	00	9	02	2	0	tr	8	3	29	74	24	0
	147	QUSEIR	00	8	02	2	0	0	—	3.4	30.6	72	25	0
	208	PORT SUDAN	18	6	12	5	3	1	8	1				0
North Sudan	165	WADI HALFA	00	8	04	2	0	0	—		38	13	05	0
	166	KAREIMA	01	8	30	4	1	5	8,4	2	40	14	08	0
	167	'ATBARA	01	7	20	3	1	5	8	1	39	26	16	0
	209	KHARTUM	10	8	20	2	1	8	8,4	4	35	35	17	0
	170	KASSALA	02	6	26	3	1	8	8	4	33	44	19	0
Central Sudan	171	WAD MEDANI	01	8	20	3	1	5		5	33	47	20	0
	182	RENK	02	9	20	2	1	10	1		31	66	24	0
	172	ROSEIRES	02	6	18	1	2	10	2,5	8	27	77	23	0
	174	EL OBEID	02	8	00	0	1	10	6	8	22	83	19	0
	175	EL FASHER	62	8	24	2	6	10	6,4	—	23	84	20	R
	179	GENEINA	02	8	22	3	1	10	8,4	—	28	52	17	0
S. Sudan	176	MALAKAL	61	7	28	2	1	10	6	10	23	94	22	0
	177	WAU	93	8	04	1	9	10	6	9	27	74	22	R
	178	JUBA	02	8	30	2	1	8	8,4	8	31	55	21	0

At 1800 on 28th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 12-18 G.M.T. mms
SIDI BARANI	01	8	26	4	1	5	9	7.9	23.8	86	21	0
MATRUH	01	8	30	3	0	5	6	8	25	84	22	0
EL DABA	03	7	30	1	2	10	8		24.5	95	23	0
ALEXANDRIA	01	5	32	2	2	5	6	6.7	25.0	80	21	0
FOUAD (Airport)	01	7	29	2	1	5	6	6.2	25	84	22	0
DAMIETTA	01	7	28	3	1	5	6	6.2	25.2	88	23	0
PORT SA'ID	00	7	30	3	0	2	6	5	26	84	23	0
EL 'ARISH	00	9	32	3	0	0	—	4.5	25.7	83	23	0
DAMANHUR	00	7	04	3	0	0	—	6.8	25.3	72	19	0
MANSURA	00	6	32	2	1	0	—	6.3	26.5	79	22	0
TANTA	00	8	24	1	0	0	—	7.0	26.9	77	23	0
ZAGAZIG	00	6	32	2	0	0	—	6.7	25.9	70	20	0
SHIBIN EL KOM	00	7	28	2	0	0	—	6.1	26.4	54	16	0
ISMAILIA	00	7	04	2	0	0	—	6.4	29.5	55	20	0
FAROUK (Airport)	00	7	32	4	0	0	—	6	30	52	19	0
ALMAZA	00	7	28	2	0	0	—	5	30	62	22	0
EZBEKIYA	00	7	32	1	0	0	—	5.8	29.0	61	21	0
GIZA	00	7	32	1	0	0	—	5.8	29.7	55	20	0
HELWAN	00	7	30	4	0	0	—	5.5	30.5	48	15	0
FAIYUM	00	8	02	2	0	0	—	4.3	30.2	41	16	0
BENI SUEF	00	9	02	1	0	0	—	4.3	30.0	36	13	0
MINYA	00	7	00	0	0	0	—	4	30	33	12	0
ASYUT	00	6	26	1	0	0	—	4.5	28.0	39	13	0
NAG HAMMADI	00	8	00	0	0	0	—	3.8	27.0	55	17	0
QENA	00	6	24	2	0	0	—	3.5	29.0	36	13	0
LUXOR	00	7	00	0	0	0	—	4	31	22	07	0
ASWAN	00	9	00	0	0	0	—	4.2	25.0	15	05	6
SIWA	00	6			0	0	—	7.4	31.7	42	17	0
BAHARIYA	00	7	00	0	0	0	—	6.4	30.0	28	09	0
FARAFRA												
DAKHLA												
KHARGA	00	7	00	0	0	0	—	4.2	32.6	14	02	0
SUEZ	00		32	4	0	0	—	3.6	29.7	35	13	0
TOR												
HURGHADA	00	8	00	0	0	0	—	4	28	62	20	0
QUSEIR	00	8	14	2	0	0	—	3.8	29.4	81	25	0

At 0600 on Thursday 29th

Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb TT	Maximum Yesterday TxTx	Diff. from norm.	Minimum Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C	Rainfall Past 24 hrs	Total from Oct. 1	Norm. from Oct. 1	Station	Area
01	9	24	2	1	5	8	9.4		24.6	28		19		77	20	0	171	—	SIDI BARANI	Mediterranean
01	7	26	1	0	5	8	10		25	29		20		79	21	0	—	—	MATRUH	
03	8	30	1	2	10	8			26.5	29		22		80	22	0	117	—	EL DABA'	
02	8	28	2	2	10	6	8.8	-0.7	25.4	30	0	22	-1	73	20	0	209	186	ALEXANDRIA	
02	7	26	2	2	10	6	8.4		27	29		24		70	21	0	213	138	FOUAD (Airport)	
01	7	20	2	1	5	6	8.2	-0.2	26.2	32		22		80	22	0	85	106	DAMIETTA	
05	6	24	1	1	7	6	8		27	31		24		70	21	0	56	—	PORT SA'ID	
00	9	20	2	0	2	2	8.4		29.2	31		23		63	22	0	—	94	EL 'ARISH	
02	6	32	2	2	8	8	8.7	-0.3	26.8	32	-1	21	+1	75	22	0	105	101	DAMANHUR	Lower Egypt
01	7	24	1	1	3	4	8.7	+0.1	26.8	34	-1	23	+2	71	21	0	73	55	MANSURA	
00	8	20	1	0	0	—	9.5	+0.2	25.0	33	-2	20	0	67	18	0	36	44	TANTA	
00	6	24	2	0	0	—	9.0	-0.2	27.6	35	0	21	+1	79	24	0	36	27	ZAGAZIG	
01	7	30	2	1	5	8	8.6	-0.6	25.2	36		22		66	18	0	34	—	SHIBIN EL KOM	
01	6	24	1	1	5	6	8.6		26.5	36		23		74	21	0	21	—	ISMAILIA	
01	7	30	2	1	5	6	9		26	35		22		70	20	0	—	—	FAROUK (Airport)	Cairo Area
01	7	04	1	1	7	6	9		26	35		22		70	20	0	25	—	ALMAZA	
01	7	30	2	1	5	6	9.1	+0.2	25.6	36	0	23	+1	73	21	0	32	26	EZBEKIYA	
01	7	30	2	1	5	6	9.2	+0.4	25.4	37	+2	22	+2	73	20	0	31	27	GIZA	
00	6	00	0	0	0	—	8.7	-0.3	25.2	35	0	22	+1	73	20	0	19	27	HELWAN	
00	8	02	1	0	0	—	8.6	-0.6	25.8	37	0	22	+1	73	21	0	11	8	FAIYUM	Upper Egypt
00	9	12	1	0	0	—	7.9		27.3	35		19		65	20	0	11	—	BENI SUEF	
00	7	01	2	0	0	—	8		26	37		20		70	20	0	12	—	MINYA	
00	7	22	1	0	0	—	8.3	+0.1	28.0	37	0	21	-2	43	14	0	dr	4	ASYUT	
00	8	00	0	0	0	—	7.9	+1.0	28.4	36		18		43	14	0	0	—	NAG HAMMADI	
00	8	24	2	0	0	—	7.1	+0.4	32.4	38	-2	22	-2	35	15	0	5	—	QENA	
00	8	00	0	0	0	—	7		34	39		22		19	07	0	dr	—	LUXOR	
00	9	00	0	0	0	—	7.8	+0.8	29.6	40	-1	25	-1	29	10	0	dr	—	ASWAN	
00	6	28	2	0	0	—	10.3	-1.3	25.5	37	-1	20	-1	72	19	0	23	8	SIWA	Oases
00	7	32	1	0	0	—	8.8	-1.1	26.6	36	-1	22	+2	67	20	0	18	7	BAHARIYA	
																0	—	—	FARAFRA	
00	8	00	0	0	0	—	8.3	-0.1	28.3	38	-1	20	-3	28	08	0	dr	—	DAKHLA	
00	9	06	1	0	0	—	7.9	+0.1	29.2	39	-1	20	-3	24	07	0	0	—	KHARGA	
00	8	00	0	0	0	—	7.5	-0.7	28.1	38	+2	23	0	68	21	0	—	17	SUEZ	Red Sea
																0	0	13	TOR	
00	8	30	1	0	0	—	8		28	31		25		79	24	0	1	3	HURGHADA	
00	8	30	2	0	0	—	7.0	+1.0	30.7	32	-2	26	-1	67	24	0	0	4	QUSEIR	
																0	291	101	PORT SUDAN	
																0	tr	—	WADI HALFA	North Sudan
																0	tr	10	KAREIMA	
																0	3	26	'ATBARA	
																1	15	64	KHARTUM	
																0	25	138	KASSALA	
																55	211	177	WAD MEDANI	Central Sudan
																—	—	282	RENK	
																5	378	415	ROSEIRES	
																0	208	161	EL OBEID	
																3	71	127	EL FASHER	
																—	—	234	GENEINA	
																35	423	490	MALAKAL	S. Sudan
																57	600	709	WAU	
																107	751	716	JUBA	

HUMIDITY — Mean of day

Station	on 28th	Diff. from normal
Alexandria	77	+2
Ezbekiya	66	+6
Giza	62	+1
Helwan	62	+13

GIZA

Grass minimum temp. on 29th 19.7

Remarks

UPPER AIR OBSERVATIONS on 28th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — Aeroplane ascent on 28th at 13.30

Height feet	Pressure mb	Dry °C	Wet °C
Surface	994	33	27
500	965	34	23
[illegible]	950	32	22
1500	946	31	22
[illegible]	900	27	21
[illegible]	850	23	18
[illegible]	800	19	13
[illegible]	750	16	8
[illegible]	700	11	4
[illegible]	650	8	2
[illegible]	600	7	1
[illegible]	550	4	0
[illegible]	500	-2	-2
20000			

FAROUK AIRPORT — Rawinsonde on 29th at 03h

Pressure mbs	Height feet	Temp °C	Humidity %	Wind DD	Wind VV
Surface		23	66	330	4
1000	230	23	85	330	4
950					
900	3200	23	35	210	10
850	4830	19	35	200	11
800	6520	14	35	210	13
700	10160	6	25	180	20
600	14280	3	—	200	12
500	19060	-4	—	220	13
400					
300	31760	-26	—	210	21
250					
200					
150					
100					

Pilot balloon winds, 28th

Station	Matruh		Fouad AP		P. Said	
Time	13 30		14 45		14 15	
Height m.	DD	VV	DD	VV	DD	VV
200	320	13	310	16	340	12
500	330	11	280	12	300	16
1000	340	10	320	9	270	11
1500	290	10			260	12
2000	260	8			210	18
3000	190	15			180	29
4000	350	22			140	20
5000					40	12
6000						
7000						
8000						

UPPER AIR OBSERVATIONS on 29th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Station	Sidi Barani (struck out)		Matruh (struck out)		Fouad Airport		Port Said		Farouk Airport		Almaza		Helwan		Minya		Asyut		Luxor		Aswan		Siwa	
Time	4 30				3				3				7						5		5		4 45	
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	300	7			310	12			350	5			330	8					20	5	30	11	360	6
500	320	5			300	14			360	5			30	7					360	12	30	8	320	7
1000	40	3			300	16			350	8			270	5					360	13	20	14	290	14
1500	290	5							200	10			220	6					350	12	260	3	330	24
2000	250	3							220	12			230	6					290	5	210	6	330	16
3000	280	5							180	19			220	15					230	3			290	16
4000	320	13											160	22									290	7
5000													210	12										
6000									220	9														
7000																								
8000									210	23														

Station	Bahariya		Dakhla		Kharga		Hurghada		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time			5		6																			
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			360	2	40	9																		
500			60	4	30	10																		
1000			80	13	20	8																		
1500			60	7	60	8																		
2000			210	3	150	3																		
3000			250	7	230	12																		
4000																								
5000																								
6000																								
7000																								
8000																								

Note: All times G.M.T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms	9

CLOUD FORM (C)

Cirrus	1
Cirro stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto stratus	5
Strato cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Printed by the Survey of Egypt 1948 (48, 195)

LIBRARY WEATHER BUREAU

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on:
THURSDAY 29th JULY 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

SCALE 1:15000000

CAIRO
Time of Sunrise 03 12 G.M.T.
" " Sunset 16 50 G.M.T.

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

DAILY WEATHER REPORT

Form 91

Date: FRIDAY 30th JULY, 1948.

AREA	INDEX NUMBER	STATION	At 1200 on Thursday 29th: PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms	At 1800 on 29th: PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	00	8	30	4	0	1	8	9.6	26.6			0	00	8	30	2	0	0	—	10.0	29.6	81	21	0
	160	MATRÛH	00	8	02	4	0	0	—	10	27	79	23	0	01	7	02	3	0	5	6	10	25	94	24	0
	134	EL DABA	00	8	30	3	0	0	—		28.1	71	22	0	00	7	00	0	0	0	—		25.2	98	25	0
	132	ALEXANDRIA	01	8	28	3	2	5	8	9.4	28.0	70	22	0	01	5	04	1	2	3	4	10.0	25.0	84	22	0
	150	FOUAD (Airport)	00	7	28	2	0	0	—	9.0	28	70	22	0	00	7	32	2	1	1	6	9.7	25	84	22	0
	159	DAMIETTA	00	6	28	3	1	0	—	8.0	29.0	76	24	0	00	6	28	2	0	0	—	9.1	25.0	87	23	0
	161	PORT SAÏD	00	7	02	2	0	0	—	8	30	66	23	0	00	7	32	3	0	2	6	9	26	79	22	0
	135	EL ÁRISH	00	9	28	3	0	0	—	8.0	28.9	57	20	0	00	9	32	3	0	0	—	8.8	26.1	82	23	0
LOWER EGYPT	136	DAMANHUR	00	7	28	3	0	0	—	8.4	32.0	56	22	0	00	7	28	2	0	0	—	9.2	25.4	76	20	0
	137	MANSURA	00	8	32	2	1	0	—	8.6	33.4	48	20	0	00	6	32	2	0	0	—	9.2	26.5	77	22	0
	138	TANTA	00	8	28	1	0	0	—	8.7	33.6	44	20	0	00	8	00	0	0	0	—	9.9	28.0	77	21	0
	139	ZAGAZIG	00	6	24	2	0	0	—	8.2	33.8	56	24	0	00	6	32	2	0	0	—	9.8	28.1	63	20	0
		SHIBÎN EL KÔM	00	8	28	3	0	0	—	9.0	35.6	29	15	0	00	7	28	2	0	0	—	9.4	26.2	61	18	0
		ISMAÏLÍA	00	8	24	1	0	0	—	7.4	37.2	33	18	0	00	7	28	2	0	0	—	9.2	29.5	49	18	0
CAIRO AREA	928	FAROUK (Airport)	00	6	28	3	0	0	—	8	34	27	12	0	00	7	02	4	0	0	—	9	30	40	15	0
	141	ALMÁZA	00	8	26	2	1	0	—	7.8	34.5	35	16	0	00	7	32	3	0	0	—	8.2	31.5	47	20	0
		EZBEKÍYA	00	8	32	2	0	0	—	7.8	34.3	36	17	0	00	7	32	2	0	0	—	8.7	29.5	55	20	0
		GÍZA	00	8	32	2	0	0	—	8.2	35.7	26	14	0	00	7	32	2	0	0	—	8.4	31.0	46	18	0
	143	HELWÂN	00	7	28	3	0	0	—	7.4	34.8	20	08	0	00	7	32	3	0	0	—	7.9	31.7	40	16	0
UPPER EGYPT	153	FAIYÛM	00	8	00	0	0	0	—	7.6	34.2	28	12	0	00	8	32	1	0	0	—	7.1	30.6	42	16	0
		BENI SUEF	00	9	02	1	0	0	—	7.6	37.1	27	15	0	00	9	02	1	0	0	—	7.4	30.0	27	09	0
	162	MINYA	00	8	04	1	0	Gr	1	7	36	24	12	0	00	7	00	0	0	0	—	7	30	35	13	0
	155	ASYÛT	00	8	26	1	0	0	—	6.8	38.0	16	08	0	00	6	22	1	0	0	—	7.9	30.2	30	10	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	—	6.7	38.3	18	10	0	00	8	00	0	0	0	—	6.7	26.6	52	16	0
	156	QENA	00	9	22	2	0	0	—	5.5	40.0	20	13	0	00	6	24	1	0	0	—	6.8	29.6	33	12	0
	157	LUXOR	00	8	19	2	0	0	—	6	39	15	08	0	00	7	00	0	0	0	—	6	33	19	06	0
	158	ASWÂN	00	9	12	1	0	0	—	6.0	39.0	14	07	0	00	9	00	0	0	0	—	7.0	37.0	11	01	0
OASES	148	SIWA	00	8	28	3	0	0	—		34.2	35	16	0	00	6	00	0	0	0	—	10.3	31.5	43	18	0
	149	BAHARÍYA	00	8	32	1	0	0	—	7.5	37.0	26	14	0	00	7	00	0	0	0	—	8.2	32.0	33	14	0
		FARAFRA																								
	152	DAKHLA	00	9	00	0	0	0	—	7.6	37.8	16	08	0	00	9	00	0	0	0	—	7.5	34.3	22	09	0
	151	KHARGA	00	9	00	0	0	0	—	6.8	37.4	16	07	0	00	7	00	0	0	0	—	7.1	33.1	17	05	0
RED SEA	144	SUEZ	00	8	00	0	0	0	—	7.4	36.0	29	15	0	00	6	32	3	0	0	—	7.0	31.4	52	20	0
	145	TÛR																								
	163	HURGHÂDA	00	6	05	1	0	Gr	8	7	31	70	25	0	00	8	30	1	0	0	—	7	29	59	20	0
	147	QUSEIR	00	8	02	2	0	0	—	7.1	31.2	77	27	0	00	8	30	2	0	0	—	6.8	30.3	75	25	0
	208	PORT SÛDAN																								
NORTH SUDAN	165	WADI HALFA																								
	166	KAREIMA																								
	167	ÁTBARA																								
	209	KHARTÛM																								
	170	KASSALA																								
CENTRAL SUDAN	171	WAD MEDANI																								
	182	RENK																								
	172	ROSEIRES																								
	174	EL OBEID																								
	175	EL FÁSHER																								
	179	GENEINA																								
S. SUDAN	176	MALAKÁL																								
	177	WAU																								
	178	JUBA																								

AREA	INDEX NUMBER	STATION	At 0600 on Friday 30th: PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. MAXIMUM Yesterday	MAXIMUM Diff. from norm.	MINIMUM Today	MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1	STATION	AREA
			ww	V	DD	F	W		C	PPP		TT	T_xT_x		T_nT_n		UU						
MEDITERRANEAN	146	SIDI BARÂNI	4	9	28	2	1	3	8	11.8		24.8	27		22		77	21	0	171	—	SIDI BARÂNI	MEDITERRANEAN
	160	MATRÛH	00	8	28	2	0	2	6	12		25	28		20		84	22	0	—	—	MATRÛH	
	134	EL DABA	02	7	28	3	1	8	8			22.2	29		21		94	26	0	117	—	EL DABA	
	132	ALEXANDRIA	02	8	28	2	2	8	4	11.4	+1.9	25.3	29	-1	23	0	71	20	0	209	186	ALEXANDRIA	
	150	FOUAD (Airport)	02	7	00	0	2	8	6	10.7		26	29		24		70	20	0	213	138	FOUAD (Airport)	
	159	DAMIETTA	01	7	20	2	1	5	6	10.3	+1.9	26.3	32		22		80	22	0	85	106	DAMIETTA	
	161	PORT SAÏD	02	7	22	2	1	8	6	11		27	30		24		79	23	0	56	—	PORT SAÏD	
	135	EL ÁRISH																	0	—	94	EL ÁRISH	
LOWER EGYPT	136	DAMANHUR	02	6	28	2	2	8	8	10.8	+1.8	26.2	32	-1	22	+2	77	22	0	105	101	DAMANHÛR	LOWER EGYPT
	137	MANSURA	01	7	16	1	1	5	6	11.1	+2.5	23.8	35	0	20	-1	82	21	0	73	55	MANSÛRA	
	138	TANTA	00	8	00	0	0	0	—	11.6	+2.3	26.0	34	-1	19	-1	75	21	0	26	44	TANTA	
	139	ZAGAZIG	00	6	32	2	0	0	—	11.1	+1.9	28.0	36	+1	21	+1	67	21	0	36	27	ZAGAZIG	
		SHIBÎN EL KÔM	01	7	30	2	0	3	8	10.0	+1.8	26.6	36		22		61	19	0	34	—	SHIBÎN EL KÔM	
		ISMAÏLÍA	00	7	24	1	0	0	—	11.6		29.0	38		23		64	22	0	21	—	ISMAÏLÍA	
CAIRO AREA	928	FAROUK (Airport)	01	7	30	2	1	5	6	10		26	36		22		70	20	0	—	—	FAROUK (Airport)	CAIRO AREA
	141	ALMÁZA	00	7	02	1	0	0	—	10.3	+1.4	27	36		23		75	23	0	25	—	ALMÁZA	
		EZBEKÍYA	00	7	30	1	0	0	—	10.8	+1.9	27.0	36	0	23	+1	75	22	0	32	26	EZBEKÍYA	
		GÍZA	00	7	30	1	0	0	—	11.0	+2.2	26.8	36	+1	21	+1	72	22	0	31	27	GÍZA	
	143	HELWÂN	05	6	26	1	0	0	—	11.0	+2.0	27.0	37	+2	22	+1	61	19	0	19	29	HELWÂN	
UPPER EGYPT	153	FAIYÛM	00	8	00	0	0	0	—	10.0	+0.8	28.1	37	0	23	+2	58	19	0	11	8	FAIYÛM	OASES
		BENI SUEF	00	9	26	1	0	0	—	8.7		29.8	37		21				0	11	—	BENI SUEF	
	162	MINYA	00	7	01	3	0	0	—	9		28	38		21		62	20	0	12	—	MINYA	
	155	ASYÛT	00	7	26	1	0	0	—	9.9	+1.7	29.1	39	+2	22	-1	39	14	0	44	4	ASYÛT	
	164	NAG' HAMMÂDI	00	8	00	0	0	0	—	8.8	+1.9	31.3	39		19		40	16	0	0	—	NAG' HAMMÂDI	
	156	QENA	00	8	24	1	0	0	—	8.3	+1.5	33.4	40	0	23	-1	33	15	0	5	—	QENA	
	157	LUXOR	00	8	00	0	0	0	—	8		35	40		22			10	0	dr	—	LUXOR	
	158	ASWÂN	00	9	00	0	0	0	—	8.7	+1.7	30.8	41	0	25	-1	30	12	0	dr	—	ASWÂN	
OASES	148	SIWA	00	7	32	2	0	0	—	12.0	+0.4	25.8	35	-3	22	+1	65	19	0	23	8	SIWA	OASES
	149	BAHARÍYA	00	8	00	0	0	0	—	9.8	-0.1	30.0	39	+2	22	+2	53	19	0	18	7	BAHARÍYA	
		FARAFRA																	0	—	—	FARAFRA	
	152	DAKHLA	00	8	00	0	0	0	—	9.6	+1.2	30.3	39	0	24	+1	29	10	0	dr	—	DAKHLA	
	151	KHARGA	00	9	00	0	0	0	—	9.2	+1.3	29.8	40	0	23	0	28	10	0	0	—	KHARGA	
RED SEA	144	SUEZ	00	7	00	0	0	0	—	9.5	+1.3	29.1	38	+2	25	+2	57	20	0	—	17	SUEZ	RED SEA
	145	TÛR																	0	0	13	TÛR	
	163	HURGHÂDA	00	8	30	1	0	0	—	9		29	34		24		70	23	0	1	3	HURGHADA	
	147	QUSEIR	00	8	30	2	0	0	—	8.0	+2.0	30.6	32	-2	25	-2	64	24	0	0	4	QUSEIR	
	208	PORT SÛDAN																	0	291	101	PORT SUDAN	
NORTH SUDAN	165	WADI HALFA																	0	tr	—	WÂDI HALFA	NORTH SUDAN
	166	KAREIMA	02	8	24	2	1	8	4	11		32			29		29	12	0	tr	10	KAREIMA	
	167	ÁTBARA	00	8	10	2	0	0	—	8		34					22	09	0	3	26	ÁTBARA	
	209	KHARTÛM																	0	15	66	KHARTÛM	
	170	KASSALA																	1	36	140	KASSALA	
CENTRAL SUDAN	171	WAD MEDANI																	0	211	182	WAD MEDANI	CENTRAL SUDAN
	182	RENK																	0	—	286	RENK	
	172	ROSEIRES																	2	380	421	ROSEIRES	
	174	EL OBEID																	4	212	165	EL OBEID	
	175	EL FÁSHER																	0	71	132	EL FÁSHER	
	179	GENEINA																	0	—	241	GENEINA	
S. SUDAN	176	MALAKÁL																	0	423	496	MALAKÁL	S. SUDAN
	177	WAU																	0	600	716	WAU	
	178	JUBA																	0	751	721	JUBA	

HUMIDITY

Mean of day

STATION	on 29th	Diff. from normal
Alexandria	77	+2
Ezbekiya	61	+1
Giza	56	-5
Helwân	53	+3

GIZA
GRASS MINIMUM TEMP
ON 30th 19.8

Remarks

UPPER AIR OBSERVATIONS on 29th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT — ON 29th AT 17.30

HEIGHT FEET	PRESSURE mbs	DRY °C	WET °C
SURFACE	999	33	23
500	973	33	22
1000	950	32	22
1500			
2000	900	28	19
3000	850	23	16
4000	800	19	13
5000	750	15	10
6000	700	13	4
7000	650	11	4
8000	600	8	3
9000	550	3	2
10000	500	1	1
11000	450	-3	-4

FAROUK AIRPORT RAWINSONDE — ON 30th AT 03h

PRESSURE mbs	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		22	95	60	7
1000	290	22	95	60	7
950					
900	3310	24	45	360	11
850	4940	21	45	290	12
800	6660	19	35	240	18
700	10040	13	—	120	6
600	14540	6	—	170	18
500	19400	1	—	260	13
400					
300					
250					
200					
150					
100					

STATION	Mersch											
TIME	14											
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	10	12										
500	20	10										
1000	310	9										
1500	230	13										
2000	270	2										
3000	310	5										
4000	280	16										
5000	260	11										
6000	240	14										
7000												
8000												
STATION												
TIME												
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200												
500												
1000												
1500												
2000												
3000												
4000												
5000												
6000												
7000												
8000												

UPPER AIR OBSERVATIONS on 30th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÁZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			04	15					3		9								5				5	
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			300	9					40	10	350	5							330	6			60	6
500			300	13					20	8	30	3							360	11			70	6
1000			10	4					360	10	280	2							360	21			340	19
1500			330	3					300	10									360	13			300	13
2000			20	6					230	15													300	10
3000			60	11					140	5													290	16
4000																							360	10
5000																							270	7
6000									230	10														
7000																								
8000																								

STATION	BAHARÍYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÁSHER		MALAKÁL	
TIME			5		5																			
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200					320	7																		
500			340	9	320	9																		
1000			350	16	290	10																		
1500			340	9	300	4																		
2000			310	9																				
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50 59
Rain	60 69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94 96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g.
08 = East. 16 = South
24 = West. 32 = North.
00 is Calm

Printed by the Survey of Egypt 1948 (48/1951)

Note: All times G. M. T.

LIBRARY WEATHER BUREAU

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on:
FRIDAY 30th JULY 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

SCALE 1:5000000

Time of Sunrise 03 13 G.M.T.
" " Sunset 16 47 G.M.T.

DAILY WEATHER REPORT

Date: Saturday 31st JULY, 1948.

At 1200 on Friday 30th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARANI	00	9	30	3	0	0	—	11.6	26	71	20	0
	160	MATRUH												
	134	EL DABA	01	8	28	2	1	2	8		28.2	89	26	0
	132	ALEXANDRIA	01	9	32	3	2	5	4	10.7	27.0	69	21	0
	150	FOUAD (Airport)	01	7	29	3	2	3	6	10.3	28	70	22	0
	159	DAMIETTA	00	6	28	3	1	0	—	9.9	28.5	74	23	0
	161	PORT SA'ID	00	8	32	3	0	0	—	10	29	70	23	0
	135	EL 'ARISH	00	9	28	4	0	0	—	9.5	29.1	65	23	0
Lower Egypt	136	DAMANHUR	00	7	32	4	0	0	—	10.6	30.0	56	20	0
	137	MANSURA	01	8	04	1	1	3	4	9.5	33.2	49	18	0
	138	TANTA	00	8	28	4	0	0	—	9.6	33.6	44	20	0
	139	ZAGAZIG	00	6	32	2	0	0	—	9.2	31.8?	51?	21?	0
		SHIBIN EL KOM	00	8	28	3	0	tr	8	8.3	35.3	28	14	0
		ISMAILIA	01	8	26	1	1	3	6	8.3	37.0	32	17	0
Cairo Area	828	FAROUK (Airport)	00	8	30	4	0	0	—	9	35	32	16	0
	141	ALMAZA	00	8	30	2	0	tr	8	9	35	39	19	0
		EZBEKIYA	00	8	32	1	0	0	—	9.2	34.8	40	19	0
		GIZA	00	8	32	1	0	0	—	9.4	35.0	31	15	0
	143	HELWAN	00	7	26	3	0	tr	8	8.4	35.9	26	13	0
Upper Egypt	153	FAIYUM	00	8	00	0	0	1	8	7.8	35.8	29	15	0
		BENI SUEF	00	9	02	1	0	0	—	8.4	37.5	30	17	0
	162	MINYA	00	8	29	2	0	0	—	8	35	27	13	0
	155	ASYUT	00	8	22	1	0	0	—	7.9	37.8	16	08	0
	164	NAG HAMMADI	00	8	00	0	0	0	—	6.4	39.2	23	14	0
	156	QENA	00	9	24	2	0	0	—	5.2	40.4	23	15	0
	157	LUXOR	00	8	22	3	0	tr	2	6	41	16	10	0
	158	ASWAN	00	9	32	1	0	0	—	5.5	39.0	14	07	0
Oases	148	SIWA	00	8	28	2	0	0	—	11.6	35.5	31	16	0
	149	BAHARIYA	00	8	28	1	0	0	—	8.0	38.0	25	15	0
		FARAFRA												
	152	DAKHLA	00	9	28	1	0	0	—	8.0	38.0	19	11	0
	151	KHARGA	00	9	26	1	0	0	—	7.2	39.3	16	09	0
Red Sea	144	SUEZ	00	8	02	2	0	0	—	6.6	36.5	25	13	0
	145	TOR												
	163	HURGHADA	00	9	02	1	0	tr	8	7	31	70	25	0
	147	QUSEIR	00	8	32	2	0	0	—	6.2	31.4	72	26	0
	208	PORT SUDAN												
North Sudan	165	WADI HALFA												
	166	KAREIMA												
	167	ATBARA												
	209	KHARTUM												
	170	KASSALA												
Central Sudan	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FASHER												
	179	GENEINA												
S. Sudan	176	MALAKAL												
	177	WAU												
	178	JUBA												

At 1800 on 30th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 12-18 G.M.T. mms
SIDI BARANI	01	8	28	3	1	5	9	12.2	24.4	87	22	0
MATRUH	00	7	30	2	0	0	—	12	24	94	23	0
EL DABA	00	7	28	1	0	0	—	11.8	25.3	98	25	0
ALEXANDRIA	01	5	28	3	2	5	4	11.5	25.0	77	21	0
FOUAD (Airport)	00	7	28	1	0	tr	6	10.7	25	84	22	0
DAMIETTA	00	6	28	3	0	0	—	10.4	25.0	87	23	0
PORT SA'ID	00	7	30	4	0	0	—	10	26	84	23	0
EL 'ARISH	00	9	32	4	0	2	8	10.0	26.1	82	23	0
DAMANHUR	00	7	32	2	0	0	—	10.8	24.6	74	19	0
MANSURA	00	6	32	2	1	0	—	11.0	25.6	79	22	0
TANTA	00	8	24	1	0	0	—	11.4	26.0	79	22	0
ZAGAZIG	00	6	32	2	0	0	—	10.2	26.4	73	21	0
SHIBIN EL KOM	00	7	30	2	0	0	—	9.1	26.9	62	17	0
ISMAILIA	00	7	04	2	0	0	—	10.4	29.0	46	16	0
FAROUK (Airport)	00	7	02	4	0	0	—	10	30	35	13	0
ALMAZA	00	7	32	4	0	0	—	10	30	33	12	0
EZBEKIYA	00	7	32	1	0	0	—	10.2	28.9	59	20	0
GIZA	00	7	32	1	0	0	—	10.3	29.0	58	20	0
HELWAN	00	7	30	4	0	0	—	9.4	30.0	52	19	0
FAIYUM	00	8	32	1	0	0	—	7.9	31.6	40	17	0
BENI SUEF	00	9	02	1	0	0	—	8.3	31.1	45	18	0
MINYA	00	7	03	2	0	0	—	8	28	49	16	0
ASYUT	00	6	22	1	0	0	—	7.9	31.3	31	12	0
NAG HAMMADI	00	8	00	0	0	0	—	6.2	28.2	62	20	0
QENA	00	6	24	1	0	0	—	6.3	31.4	31	12	0
LUXOR	00	7	00	0	0	0	—	6	30	43	16	0
ASWAN	00	9	00	0	0	0	—	6.6	37.0	14	06	0
SIWA	00	6	00	0	0	0	—	11.4	29.2	53	18	0
BAHARIYA	00	7	32	2	0	0	—	9.0	32.4	37	15	0
FARAFRA												
DAKHLA	00	8	28	1	0	0	—	8.8	34.8	24	11	0
KHARGA	00	7	00	0	0	0	—	7.0	35.2	17	07	0
SUEZ	00	6	02	3	0	0	—	8.3	30.1	63	22	0
TOR												
HURGHADA	00	8	30	2	0	0	—	6	31	74	26	0
QUSEIR	00	8	12	1	0	0	—	6.0	31.7	68	25	0

At 0600 on Saturday 31st

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb TT	Maximum Yesterday T_xT_x	Diff. from norm.	Minimum Today T_nT_n	Diff. from norm.	Humidity % UU	Dew Point °C	Rainfall Past 24 hrs	Total from Oct. 1	Norm. from Oct. 1	Station	Area
01	9	28	3	1	3	8	11.4		24.4	28		23		79	20	0	171	—	SIDI BARANI	Mediterranean
00	8	27	3	0	2	8				29		20				0	—	—	MATRUH	
02	8	28	1	1	8	8			27.6	28		25		87	25	0	117	—	EL DABA	
00	9	30	2	0	0	—	9.8	+0.3	25.7	29	-1	23	0	72	20	0	209	186	ALEXANDRIA	
00	7	28	2	0	0	—	9.2		27	28		24		66	20	0	213	138	FOUAD (Airport)	
02	6	16	1	1	9	6	9.2	+0.7	25.0	31		21		87	23	0	85	106	DAMIETTA	
01	7	26	2	1	5	6	10		26	32		24		74	21	0	56	—	PORT SA'ID	
02	9	16	3	2	9	8	9.4	+0.8	27.2	31	0	23	+2	69	22	0	—	94	EL 'ARISH	
00	6	32	4	0	0	—	9.8	+0.7	26.8	31	-2	21	+1	69	21	0	105	101	DAMANHUR	Lower Egypt
01	7	14	1	1	5	6	9.5	+0.8	26.0	35	0	20	-1	76	21	0	73	55	MANSURA	
00	8	28	3	0	0	—	10.3	+1.0	27.0	34	-1	18	-2	65	20	0	26	44	TANTA	
00	6	32	2	0	0	—	10.3	+1.1	28.6	36	+1	22	+2	65	22	0	36	27	ZAGAZIG	
00	7	30	2	0	0	—	10.8	+1.6	26.8	36		21		66	20	0	34	—	SHIBIN EL KOM	
01	7	10	1	1	5	4	10.6		29.0	38		23		63	21	0	21	—	ISMAILIA	
01	7	00	0	1	3	8	10	—	26	36		22		55	16	0	—	—	FAROUK (Airport)	Cairo Area
01	7	04	1	0	5	6	10		26	36		22		66	19	0	25	—	ALMAZA	
01	7	02	2	1	5	8	10.0	+1.1	26.2	36	0	23	+1	71	20	0	32	26	EZBEKIYA	
01	7	02	2	1	5	8	10.2	+1.4	25.3	36	+1	22	+2	73	20	0	31	27	GIZA	
01	6	32	1	1	3	8	10.3	+1.3	24.9	36	+1	22	+1	68	19	0	19	29	HELWAN	
02	8	02	2	2	8	8	9.6	+0.4	25.3	38	+1	22	+1	79	21	0	11	8	FAIYUM	Upper Egypt
00	9	02	3	0	0	—	8.6		28.1	38		22		57	19	0	11	—	BENI SUEF	
00	7	02	4	0	0	—	9		26	38		20		70	20	0	12	—	MINYA	
00	7	26	1	0	0	—	8.6	+0.3	28.8	39	+2	22	-1	59	20	0	dr	4	ASYUT	
00	8	00	0	0	0	—	6.7	-0.2	29.7	40		20		46	17	0	0	—	NAG HAMMADI	
00	8	28	1	0	0	—	6.0	-0.8	34.3	41	+1	24	0	35	17	0	5	—	QENA	
00	8	22	2	0	2		6		34	42		24		32	15	0	dr	—	LUXOR	
01	9	32	1	1	5	1	6.4	-0.1	32.5	41	0	27	+1	27	11	0	dr	—	ASWAN	
00	7	32	2	0	0	—			24.5	36	-2	22	+1	64	17	0	23	8	SIWA	Oases
00	8	32	2	0	0	—	10.3	+0.3	26.0	39	+2	23	+3	62	18	0	18	7	BAHARIYA	
																0	—	—	FARAFRA	
00	8	28	2	0	0	—	8.7	+0.2	29.3	39	0	26	+3	34	12	0	dr	—	DAKHLA	
00	9	00	0	0	0	—	7.8	-0.1	28.8	41	+1	26	+3	41	14	0	0	—	KHARGA	
00	7	00	0	0	0	—	8.6	+0.4	27.1	38	+2	24	+1	66	20	0	—	17	SUEZ	Red Sea
																0	0	13	TOR	
00	9	30	1	0	0	—	6		30	31		26		62	22	0	1	3	HURGHADA	
00	8	32	2	0	0	—	5.6	-0.5	31.7	33	-1	27	0	59	23	0	0	4	QUSEIR	
02	9	16	1	1	10	2	4		38					15	07	0	291	101	PORT SUDAN	
01	8	02	1	1	5	1	8		31					18	04	0	tr	—	WADI HALFA	North Sudan
02	8	23	3	1	10	2	8		31					43	17	0	tr	10	KAREIMA	
02	8	23	3	1	10	2	7		32					43	18	0	3	26	ATBARA	
02	8	26	2	6	10	4,2	9		28					66	21	0	15	68	KHARTUM	
02	9	16	3	1	10	8,4	9		27					70	21	0	36	143	KASSALA	
																0	211	187	WAD MEDANI	Central Sudan
																—	—	290	RENK	
																0	380	427	ROSEIRES	
01	8	24	4	1	5	4,1	11								22	0	212	168	EL OBEID	
01	8	04	1	1	5	6,4	—		26					58	17	0	71	137	EL FASHER	
02	8	06	1	1	8	4,1	—									—	—	248	GENEINA	
																0	423	502	MALAKAL	S. Sudan
																0	600	723	WAU	
																0	751	725	JUBA	

HUMIDITY — Mean of day

Station	on 30th	Diff. from normal
Alexandria	72	-3
Ezbekiya	64	+4
Giza	61	0
Helwan	53	+3

GIZA — GRASS MINIMUM TEMP. on 31st 20.2 °C

Remarks

UPPER AIR OBSERVATIONS on 30th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT on 30th at 15.30

Height Feet	Pressure mbs	Dry °C	Wet °C
Surface	999	33	24
500	978	33	23
1000	954	31	22
[illegible]	950	31	22
[illegible]	900	78	20
[illegible]	850	23	17
[illegible]	800	20	13
[illegible]	750	16	11
[illegible]	700	12	4
[illegible]	650	12	4
[illegible]	600	8	2
[illegible]	550	6	0
[illegible]	500	3	-1
[illegible]	450	-1	-3

FAROUK AIRPORT — RAWINSONDE on 31st at 4

Pressure mbs	Height Feet	Temp °C	Humidity %	Wind DD	Wind VV
Surface		24	80	20	5
1000	290	24	85	20	5
950					
900	3290	22	65	330	15
850	4880	20	25	320	14
800	6580	17	25	260	14
700	10290	13	—	210	10
600	14480	7	—	230	13
500	19350	2	—	270	10
400					
300					
250					
200					
150					
100					

Pilot balloon, 30th

Station	Fouad (A.P.) DD	Fouad (A.P.) VV
Time	15	
200	330	10
500	340	10

UPPER AIR OBSERVATIONS on 31st

DD Direction of wind in degrees East of North. VV Velocity in knots.

Height m	Sidi Barani	Matruh (4 30)	Fouad Airport (3)	Port Said	Farouk Airport (4)	Almaza	Helwan (7 15)	Minya	Asyut	Luxor (5 30)	Aswan (5)	Siwa (5)
200		310.14	330.9		20.7		340.14			340.5	350.6	30.13
500		340.10	330.10		20.11		350.16			360.14	340.16	30.13
1000		340.15	320.9		330.12		50.8			350.18	360.22	360.7
1500		320.13			320.12		220.16			20.10	350.22	330.15
2000		340.09			240.12		340.13				310.11	320.8
3000		40.18			210.16							280.4
4000												300.4
5000												10.8
6000					270.9							330.7
7000												
8000												

Height m	Bahariya	Dakhla (5)	Kharga (6)	Hurghada	Wadi Halfa	Abu Hamad	Kareima	Khartum	Kassala	El Obeid	El Fasher (4)	Malakal
200		350.14	360.12									
500		360.16	10.12									
1000		350.25	360.14								10.09	
1500		330.20	350.18								50.15	
2000		340.04	350.5								80.7	
3000											70.11	
4000											80.13	
5000												
6000												
7000												
8000												

Note: All times G.M.T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
.. of Snow	83, 84
.. of Sleet	85, 86
.. of Hail	88, 89
Thunderstorm	90-99
.. ended, now Rain	91
.. with Hail	94-96
.. with Duststorm	98
.. heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200	1
500	2
1 Kilometre	3
2 ..	4
4 ..	5
10 ..	6
20 ..	7
50 ..	8
Visible over 50 kms	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

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LIBRARY WEATHER BUREAU

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on:
SATURDAY 31st JULY 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

SCALE 1 15000000

CAIRO
Time of Sunrise 03 13 G.M.T.
" " Sunset 16 48 G.M.T.

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

DAILY WEATHER REPORT

Date: SUNDAY 1ST AUGUST, 1948.

Form 91

At 1200 on SATURDAY 31ST

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	BIDI BARÂNI	00	9	28	4	0	1	8	10.2	26.3	72	20	0
	160	MATRÛH												
	134	EL DABA												
	132	ALEXANDRIA	01	9	26	3	1	7	8	8.8	28.0	64	20	0
	150	FOUAD (Airport)	01	7	28	3	1	5	6	8.7	28	62	20	0
	159	DAMIETTA	00	6	28	3	1	0	-	8.0	29.1	69	24	0
	161	PORT SAÏD	00	8	27	2	0	0	-	8	31	49	19	0
	135	EL ʿARISH	00	9	28	3	0	0	-	8.3	30.1	60	21	0
LOWER EGYPT	136	DAMANHUR												
	137	MANṢURA	01	8	20	2	1	5	4	7.8	32.0	48	20	0
	138	ṬANṬA	00	8	28	4	0	0	-	8.8	31.6	47	19	0
	139	ZAGAZIG	00	6	32	2	0	0	-	7.2	33.2	40	18	0
		SHIBÎN EL KÔM	00	8	30	3	0	6	8	7.8	36.2	25	13	0
		ISMAÏLÍA	00	8	26	1	0	1	6	6.3	35.0	38	18	0
CAIRO AREA	928	FAROUK(Airport)	00	8	28	4	0	0	-	7	33	38	17	0
	141	ALMÂZA	00	8	01	3	0	0	-	6.8	33.1	59	21	0
		EZBEKÎYA	00	8	28	3	0	0	-	7.4	32.3	46	19	0
		GÎZA	00	8	28	3	0	0	-	7.6	32.8	40	18	0
	143	HELWÂN	00	7	26	3	0	0	-	6.4	32.9	39	17	0
UPPER EGYPT	153	FAIYÛM	00	8	30	2	0	0	-	6.6	33.0	37	17	0
		BENI SUEF	00	9	02	1	0	0	-	6.3	35.4	28	18	0
	162	MINYA	00	8	01	N	0	0	-	7	35	32	16	0
	155	ASYÛT	00	8	26	1	0	0	-	6.6	36.3	24	12	0
	164	NAG' HAMMÂDI	00	8	24	1	0	0	-	4.7	37.4	27	15	0
	156	QENA	00	9	24	2	0	0	-	3.1	41.3	21	14	0
	157	LUXOR	00	8	23	2	0	0	-	3	41	20	14	0
	158	ASWÂN	02	9	32	1	1	8	1	3.1	40.0	15	09	0
OASES	148	SIWA	00	8	24	2	0	0	-	11.6	34.8	55	26	0
	149	BAHARÎYA	01	8	28	2	1	3	5	7.9	35.0	32	16	0
		FARAFRA												
	152	DAKHLA	00	9	28	4	0	0	-		37.2	22	12	0
	151	KHARGA												
RED SEA	144	BUEZ	00	8	00	0	0	0	-	6.5	34.2	28	13	0
	145	TÛR	00	8	28	5	0	0	-		32.8	56	22	0
	163	HURGHÂDA	00	7	01	4	0	0	-		31	62	23	0
	147	QUSEIR	00	8	02	2	0	0	-	5.0	34.0	51	22	0
	208	PORT SŪDĀN												
NORTH SŪDĀN	165	WADI HALFA												
	166	KAREIMA												
	167	ʿAṬBARA												
	209	KHARṬÛM												
	170	KASSALA												
CENTRAL SŪDĀN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S. SŪDĀN	176	MALAKÂL												
	177	WÀU												
	178	JUBA												

At 1800 on 31ST

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	BIDI BARÂNI	01	8	28	2	0	3	9	9.8	23.9	84	22	0
	160	MATRÛH												
	134	EL DABA												
	132	ALEXANDRIA	01	5	02	2	2	3	4	8.3	24.6	74	20	0
	150	FOUAD (Airport)	01	7	30	2	1	5	6	8	25	74	20	0
	159	DAMIETTA	00	7	28	3	0	0	-	7.2	25.0	84	22	0
	161	PORT SAÏD	00	7	30	3	0	0	-	7.	26	74	21	0
	135	EL ʿARISH	00	7	32	3	0	0	-	7.4	25.7	73	21	0
LOWER EGYPT	136	DAMANHUR	01	7	04	2	1	3	8	8.4	24.6	82	22	0
	137	MANṢURA	00	6	28	2	1	0	-	7.4	25.8	74	21	0
	138	ṬANṬA	01	8	24	1	1	3	8	8.6	25.0	78	20	0
	139	ZAGAZIG	00	6	32	2	0	0	-	7.6	26.3	74	21	0
		SHIBÎN EL KÔM	00	7	30	2	0	0	-	7.4	25.3	65	18	0
		ISMAÏLÍA	00	7	28	2	0	0	-	6.8	30.0	47	17	0
CAIRO AREA	928	FAROUK(Airport)	00	8	02	N?	0	0	-	8	29	57	20	0
	141	ALMÂZA	00	7	02	1	0	0	-	7	29	62	22	0
		EZBEKÎYA	00	7	00	0	0	0	-	7.4	28.3	56	19	0
		GÎZA	00	7	00	0	0	0	-	7.4	28.0	57	19	0
	143	HELWÂN	00	7	30	3	0	0	-	6.4	29.7	45	17	0
UPPER EGYPT	153	FAIYÛM	00	8	32	1	0	0	-	5.9	30.4	42	16	0
		BENI SUEF	00	7	02	1	0	0	-	6.3	28.3	60	19	0
	162	MINYA	00	7	32	N?	0	0	-	7				
	155	ASYÛT	00	7	22	1	0	0	-	5.5	29.6	37	14	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	4.3	29.5	51	19	0
	156	QENA	00	6	24	2	0	0	-	3.2	33.2	34	15	0
	157	LUXOR	00	7	27	2	0	0	-	3	35	23	11	0
	158	ASWÂN												
OASES	148	SIWA	00	6	00	0	0	0	-	9.8	30.0	53	19	0
	149	BAHARÎYA	00	7	00	0	1	0	-	7.6	32.0	36	15	0
		FARAFRA												
	152	DAKHLA	00	8	28	1	0	0	-		32.7	25	11	0
	151	KHARGA	00	7	00	0	0	0	-	5.0	33.3	24	10	0
RED SEA	144	BUEZ	00	6	20	3	0	0	-	5.4	31.8	49	19	0
	145	TÛR	00	8	28	3	0	0	-		32.0	53	22	0
	163	HURGHÂDA	00	8	30	2	2	6	1	3	30	55	20	0
	147	QUSEIR	00	8	22	2	0	0	-	3.1	31.3	62	23	0
	208	PORT SŪDĀN												
NORTH SŪDĀN	165	WADI HALFA												
	166	KAREIMA												
	167	ʿAṬBARA												
	209	KHARṬÛM												
	170	KASSALA												
CENTRAL SŪDĀN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S. SŪDĀN	176	MALAKÂL												
	177	WÀU												
	178	JUBA												

At 0600 on SUNDAY 1ST

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. MAXIMUM Yesterday	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
			ww	V	DD	F	W		C	PPP		TT	T_xT_x		T_nT_n		UU				
MEDITERRANEAN	146	BIDI BARÂNI	02	9	28	4	1	8	8	8.8		24.8	27		23		75	20	0	171	
	160	MATRÛH	01	8	28	3	0	3	6	8		25			20		75	20	0		
	134	EL DABA																	0	117	
	132	ALEXANDRIA	02	9	30	2	2	8	4	7.5	-2.6	25.4	29	-1	23	0	75	20	0	209	186
	150	FOUAD (Airport)	01	7	28	2	0	3	6	6.5		27	28		24		66	20	0	213	138
	159	DAMIETTA	02	6	18	1	2	9	6	6.7	-1.8	25.5	31		23		82	22	0	85	106
	161	PORT SAÏD	02	7	23	1	1	10	6	7		24	31		24		70	20	0	56	81
	135	EL ʿARISH	01	9	20	3	1	3	8	6.7	-1.9	29.2	30	-1	22	+1	61	21	0		94
LOWER EGYPT	136	DAMANHUR	00?	7	32	3	0	0	-	7.4	-1.7	26.0	31	-2	20	0	69	20	0	105	101
	137	MANṢURA	02	7	02	1	2	8	6	7.1	-1.6	25.0	33	-2	22	+1	80	21	0	73	55
	138	ṬANṬA	01	8	33	2	1	5	8	7.4	-1.8	24.0	32	-3	19	-2	69	20	0	24	44
	139	ZAGAZIG	01	6	32	3	0	7	4	7.4	-1.3	27.0	35	0	21	+1	72	21	0	36	27
		SHIBÎN EL KÔM	01	7	28	2	1	5	8	8.0	-1.2	28.3	36		21		65	21	0	34	
		ISMAÏLÍA	01	7	16	1	1	5	6	7.2		28.0	36		22		60	20	0	21	
CAIRO AREA	928	FAROUK(Airport)	02	7	30	N?	2	8		7		24			22		74	19	0		
	141	ALMÂZA	02	7	32	1	2	10	6	7		24	34		21		80	20	0	25	
		EZBEKÎYA	02	7	32	1	2	9	6	7.2	-1.7	25.1	34	-2	22	0	69	19	0	32	26
		GÎZA	02	7	32	1	2	9	6	7.5	-1.3	25.6	34	-1	21	+1	67	18	0	31	27
	143	HELWÂN	01	7	28	2	1	5	6	7.0	-2.0	24.2	34	-1	22	+1	67	17	0	19	29
UPPER EGYPT	153	FAIYÛM	01	8	02	1	1	5	8	6.4	-2.8	25.2	35	-2	22	+1	66	18	0	11	8
		BENI SUEF	00	7	04	1	0	0	-	6.4		28.2	36		21		56	18	0	11	
	162	MINYA	00	7	32	N?	0	0	-	7		26			21		70	20	0	12	
	155	ASYÛT	00	7	20	1	0	0	-	7.1	-1.2	28.0	37	0	21	-2	57	19	0	dr	4
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	5.6	-1.2	29.2	38		20		51	18	0	0	
	156	QENA	00	8	24	2	0	0	-	4.1	-2.1	28.8	42	+2	24	0	39	16	0	5	
	157	LUXOR	00	8	00	0	0	0	-	5		31	42		27		36	16	0	dr	
	158	ASWÂN	00	9	30	2	0	0	-	5.4	-1.6	31.5	42	+1	27	+1	27	10	0	dr	
OASES	148	SIWA	00	7			0	0	-			26	36	-2	21	0			0	23	8
	149	BAHARIYA	00	7	32	2	0	0	-	8.4	-1.6	26.4	37	0	22	+2	66	19	0	18	7
		FARAFRA																	0	-	
	152	DAKHLA	00	8	12	1	0	0	-	7.4	-1.1	33.7	38	-1	27	+4	27	12	0	dr	
	151	KHARGA	00	9	02	1	0	0	-	5.8	-2.1	30.6	40	0	25	+2	21	11	0	0	
RED SEA	144	BUEZ	00	7	00	0	0	0	-	5.8	-2.4	26.4	36	0	23	0	61	18	0	-	17
	145	TÛR	00	8	28	4	0	0	-			28.3	36	+2	27	+2	84	25	0	0	13
	163	HURGHADA	00	9	28	3	0	0	-	4		31	32		27		89	19	0	1	3
	147	QUSEIR	00	8	32	2	0	0	-	4.0	-2.1	31.7	35	+1	27	0	56	22	0	4	4
	208	PORT SUDAN	05	6	20	3	1	3	4	3		31			28		24	13	0	291	102
NORTH SŪDĀN	165	WADI HALFA																	0	6	
	166	KAREIMA	02	7	22	3	0	10	2	7		29			26		52	18	0	6	11
	167	ʿAṬBARA	02	6	22	2	1	10	2	7		30			27		46	17	0	2	27
	209	KHARṬÛM	02	9	18	2	1	10	44	9		26			22		79	22	0	33	79
	170	KASSALA	00	9	16	3	1	1	84	9		27			23		58	18	0	36	145
CENTRAL SŪDĀN	171	WAD MEDANI	02	9	18	5	0	10	5	10		24					74	19	0	244	191
	182	RENK																	-		294
	172	ROSEIRES																	0	432	433
	174	EL OBEID	02	8	16	4	1	10	4	10		33			21		84	20	0	277	172
	175	EL FÂSHER	02	8	22	3	1	10	6			24			23		84	21	0	73	141
	179	GENEINA	02	8	28	1	1	9	5			22			21		94	21	0		255
S. SŪDĀN	176	MALAKÂL																	0	500	507
	177	WÀU																	0	573	730
	178	JUBA																	0	653	730

HUMIDITY

Mean % of day

STATION	on 31ST	Diff. from normal
Alexandria	71	- 4
Ezbekîya	58	- 3
Gîza	60	- 1
Helwân	53	+3

GIZA GRASS MINIMUM TEMP ON 1ST 18.6°C

Remarks

UPPER AIR OBSERVATIONS on 31ST

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT ON 31ST AT 15 30

HEIGHT FEET	PRESSURE m/s	DRY °C	WET °C
SURFACE	997	31	25
500	971	31	23
1000	950	30	23
2000	900	26	21
3000	850	22	18
4000	800	19	12
5000	750	17	8
6000	700	16	6
7000	650	12	4
8000	600	10	2
9000	550	8	1
10000	500	3	0
12000	450	-1	-3
20000			

FAROUK AIRPORT — RAWINSONDE ON 1ST AT 03

PRESSURE mbs	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE					
1000					
950					
900	3189	16	65	340	11
850	4780	12	25	350	14
800	6480	17	-	340	10
700	10170	14	-	200	15
600	14350	5	-	220	6
500	19170	0	-	340	7
400					
300					
250					
200					
150					
100					

STATION	TIME	HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
		200														
		500														
		1000														
		1500														
		2000														
		3000														
		4000														
		5000														
		6000														
		7000														
		8000														

STATION	TIME	HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
		200														
		500														
		1000														
		1500														
		2000														
		3000														
		4000														
		5000														
		6000														
		7000														
		8000														

UPPER AIR OBSERVATIONS on 1ST

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI	MATRÛH	POUAD AIRPORT	PORT SAÏD	FAROUK AIRPORT	ALMÂZA	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	SIWA
TIME		04 45	03		03		06 50			07 15		
HEIGHT m	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV
200		320 12	320 10		30 7		340 5			340 8		30 10
500		330 13	330 17		20 8		10 7			320 10		90 5
1000		340 13	340 21		350 10		360 9			340 12		350 10
1500		310 5	350 20		350 12		360 14			280 10		310 9
2000		320 6			340 10							350 3
3000					200 13							360 4
4000					220 9							350 10
5000					220 9							10 14
6000					240 4							320 6
7000												
8000												

STATION	BAHARÎYA	DAKHLA	KHARGA	HURGHADA	WÂDI HALFA	ABU HAMÂD	KAREIMA	KHARṬÛM	KASSALA	EL OBEID	EL FÂSHER	MALAKAL
TIME		05						04				
HEIGHT m	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV
200		10 1	360 18									
500		350 3	360 22					150 10				
1000		320 1	360 25					190 19				
1500		310 21	340 17					180 2				
2000		290 42						320 8				
3000								280 15				
4000												
5000												
6000												
7000												
8000												

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	KPH	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

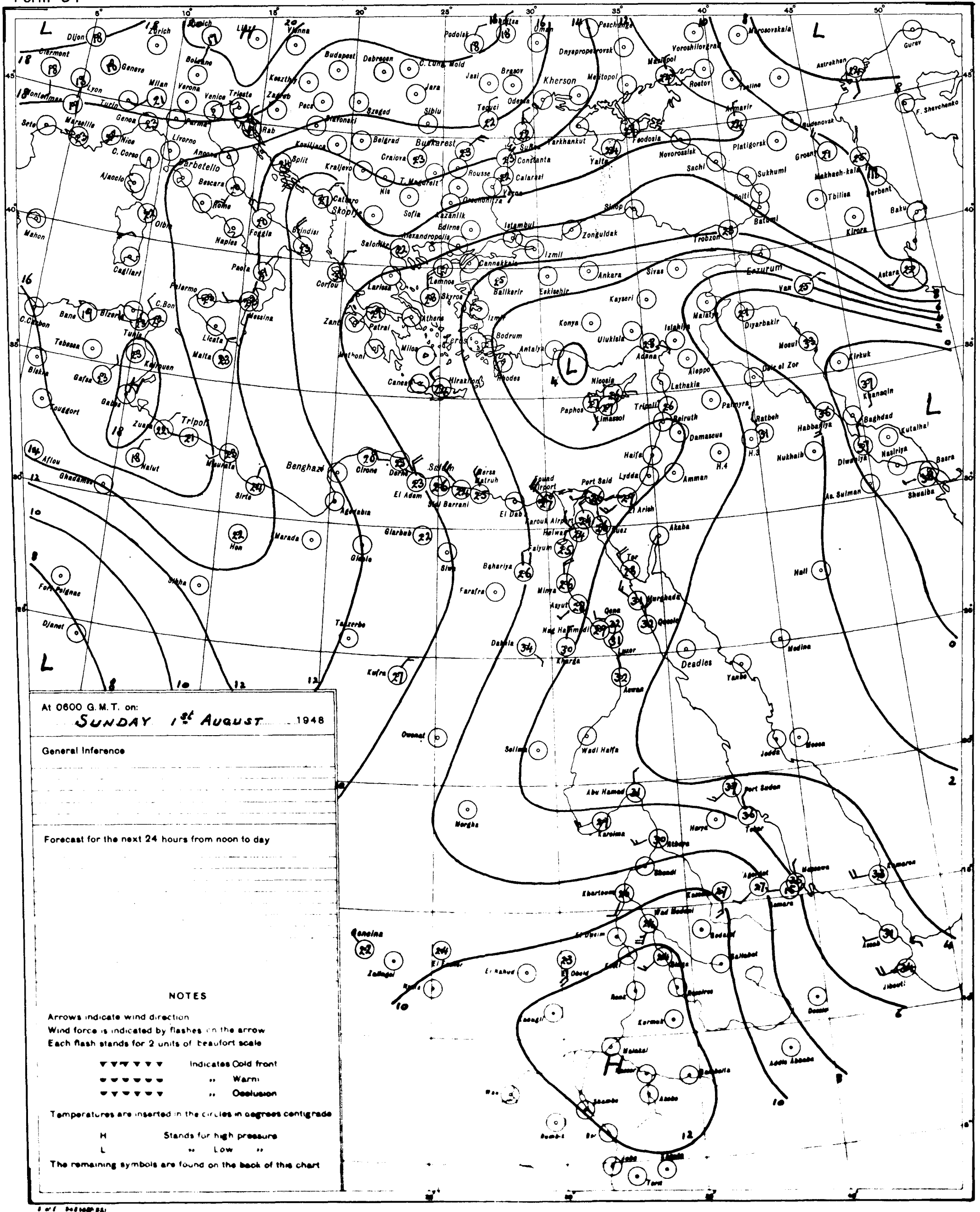
is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:

SUNDAY 1st AUGUST 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction

Wind force is indicated by flashes on the arrow

Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼ Indicates Cold front

●●●●●● " Warm

▼▼▼●●● " Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure

L " Low "

The remaining symbols are found on the back of this chart

SCALE 1 15.000.000

CAIRO

Time of Sunrise 03 14 G.M.T.

" " Sunset 16 48 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

WEATHER BUR[EAU] (stamp)

Form 91

DAILY WEATHER REPORT

Date: MONDAY 2 ND AUGUST, 1948.

At 1200 on SATURDAY 1ST

Area	Index Number	Station	Present Weather (ww)	Visibility (V)	Wind Direction (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount 0-10	Cloud Form (C)	Bar. Press. M.S.L. mbs. (PPP)	Temp. °C. (TT)	Humidity % (UU)	Dew Point °C.	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARANI	01	9	28	4	1	5	8	8.8	25.9	72	20	0
	160	MATRŪH	00	8	30	5	0	0	-	8	28	70	22	0
	134	EL DABA												
	132	ALEXANDRIA	01	9	28	3	2	5	4	7.4	27.6	62	20	0
	150	FOUAD (Airport)	01	7	28	3	1	3	6	7.1	28	62	20	0
	158	DAMIETTA	00	8	30	2	1	0	-	6.0	29.0	74	24	0
	161	PORT SAʿID	00	7	31	2	0	0	-	6	29	62	21	0
	135	EL ʿARISH	00	9	28	4	0	0	-	6.0	27.7	65	21	0
Lower Egypt	136	DAMANHUR												
	137	MANSURA	00	8	08	1	1	0	-	5.8	32.0	53	21	0
	138	TANTA	00	8	24	2	1	0	-	6.7	32.0	49	20	0
	139	ZAGAZIG	00	6	16	2	0	0	-	7.0	33.0	50	21	0
		SHIBĪN EL KÔM	00	8	30	3	0	0	-	6.9	34.4	24	11	0
		ISMAʿILĪA	00	8	30	1	0	0	-	5.0	34.8	40	19	0
Cairo Area	928	FAROUK (Airport)	00	7	32	4	0	0	-	5	32	34	14	0
	141	ALMÂZA	00	7	28	2	0	0	-	5.1	32.0	54	22	0
		EZBEKĪYA	00	8	28	2	0	0	-	5.6	31.5	52	20	0
		GĪZA	00	8	28	2	0	0	-	6.0	31.9	46	19	0
	143	HELWÂN	00	7	26	4	0	0	-	4.7	31.9	43	18	0
Upper Egypt	153	FAIYŪM	00	8	32	1	0	0	-	6.1	32.3	39	16	0
		BENI SUEF	00	9	02	1	0	0	-	4.8	34.7	41	20	0
	162	MINYA	00	8	31	3	0	0	-	5	35	29	14	0
	165	ASYŪT	00	8	22	1	0	0	-	5.5	34.8	27	13	0
	164	NAGʿ HAMMÂDI	00	8	24	1	0	0	-		36.3	25	13	0
	156	QENA	00	9	24	2	0	0	-	2.8	39.8	21	14	0
	157	LUXOR	00	8	23	2	0	0	-	3	40	17	11	0
	158	ASWÂN	00	9	20	1	0	0	-	3.2	39.3	20	12	0
Oases	148	SIWA	00	8	28	4	0	0	-	9.5	35.0	48	22	0
	149	BAHARĪYA	00	8	32	1	0	0	-	7.1	34.0	36	17	0
		FARAFRA	00	8	00	0	0	0	-	5.9	36.8	20	11	0
	152	DAKHLA	00	9	00	0	0	0	-		38.0	19	11	0
	151	KHARGA	00	9	00	0	0	0	-	4.7	36.8	21	12	0
Red Sea	144	SUEZ	00	8	02	2	0	0	-	3.8	33.5	28	13	0
	145	TOR												
	163	HURGHÂDA	00	9	01	2	0	6	8	3	30	70	24	0
	147	QUSEIR	00	8	04	2	0	0	-	3.5	31.3	70	25	0
	208	PORT SŪDÂN												
North Sudan	165	WADI HALFA												
	166	KAREIMA	02	8	30	1	1	10	8	4	39	17	10	0
	167	ʿATBARA	00	8	20	1	1	2	8,2	8	39	18	11	0
	209	KHARTŪM	02	8	18	3	1	9	8,4	7	32	43	18	0
	170	KASSALA	02	8	28	3	1	8	6,4	7	34	47	21	0
Central Sudan	171	WAD MEDANI	02	8	20	5	1	10	5	8	29	59	20	0
	182	RENK												
	172	ROSEIRES	01	8	20	2	1	3	5	9	23	94	22	0
	174	EL OBEID	11	8	20	3	1	9	8,4		36	40	20	0
	175	EL FÂSHER	02	8	16	2	0	8	6		27	78	19	0
	179	GENEINA	02	8	12	1	0	10	8,4		27	66	20	0
S. Sudan	176	MALAKAL	02	8	20	1	0	9	8,4	10	29	62	21	0
	177	WÂU	02	8	16	1	1	10	8,4	7	31	55	21	0
	178	JUBA												

At 1800 on 1ST

Station	Present Weather (ww)	Visibility (V)	Wind Direction (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount 0-10	Cloud Form (C)	Bar. Press. M.S.L. mbs. (PPP)	Temp. °C. (TT)	Humidity (UU)	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARANI	02	8	28	3	1	8	8	9.5	24.2	78	20	0
MATRŪH	00	7	29	3	0	2	6	9	24	79	20	0
EL DABA												
ALEXANDRIA	00	5	32	2	0	0	-	8.3	25.4	77	21	0
FOUAD (Airport)	00	7	29	2	0	0	-	7.2	25	74	20	0
DAMIETTA	01	7	28	3	1	5	6	6.8	25.2	84	22	0
PORT SAʿID	01	7	31	3	0	5	6	6	26	74	21	0
EL ʿARISH	00	9	32	3	0	0	-	6.7	25.6	77	22	0
DAMANHUR	00	6	04	2	0	0	-	7.4	25.2	80	21	0
MANSURA	00	6	32	2	0	0	-	6.8	25.2	79	21	0
TANTA	00	8	24	1	0	0	-	8.6	25.0	78	21	0
ZAGAZIG	00	6	32	2	0	0	-	8.[illegible]	25.[illegible]	76	20	0
SHIBĪN EL KÔM	00	7	30	2	0	0	-	8.8	25.7	62	18	0
ISMAʿILĪA	00	7	04	2	0	0	-	6.6	29.5	55	20	0
FAROUK (Airport)	00	7	32	4	0	0	-	7	28	58	19	0
ALMÂZA	00	7	31	2	0	0	-	7	29	60	22	0
EZBEKĪYA	00	7	32	1	0	0	-	7.1	28.0	58	19	0
GĪZA	00	7	32	1	0	0	-	6.7	28.0	59	19	0
HELWÂN	00	7	30	3	0	0	-	6.2	29.2	52	18	0
FAIYŪM	00	8	32	3	0	0	-	5.4	31.1	42	16	0
BENI SUEF	00	9	02	1	0	0	-	5.8	30.6	53	20	0
MINYA	00	7	00	0	0	0	-	5	29	52	18	0
ASYŪT	00	6	22	1	0	0	-	5.3	29.1	39	14	0
NAGʿ HAMMÂDI	00	8	00	0	0	0	-	5.5	27.8	60	20	0
QENA	00	6	24	2	0	0	-	4.0	31	30	11	0
LUXOR	00	7	28	2	0	0	-	5	34	20	08	0
ASWÂN	00	9	00	0	0	0	-	4.6	37.0	18	09	0
SIWA												
BAHARĪYA	00	7	28	2	0	0	-	6.7	33.0	34	15	0
FARAFRA	00	8	32	1	0	0	-	8.3	30.0	25	08	0
DAKHLA	00	8	00	0	0	0	-		33.4	24	10	0
KHARGA	00	7	00	0	0	0	-	5.0	33.6	23	10	0
SUEZ	00	6	32	3	0	0	-	5.1	29.5	61	22	0
TOR												
HURGHÂDA	00	8	00	0	0	0	-	3	29	74	24	0
QUSEIR	00	8	12	2	0	0	-	3.6	31.0	70	25	0

At 0600 on MONDAY 2ND

Station	Present Weather (ww)	Visibility (V)	Wind Direction (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount 0-10	Cloud Form (C)	Bar. Pressure M.S.L. mbs. (PPP)	Diff. from normal mbs.	Dry Bulb (TT)	Maximum Yesterday (T_xT_x)	Max. Diff. from norm.	Minimum Today (T_nT_n)	Min. Diff. from norm.	Humidity % (UU)	Dew Point °C.	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	Station	Area
SIDI BARANI	01	9	26	3	1	5	8	10.7		25.0	28		23		70	19	0	171		SĪDI BARÂNI	Mediterranean
MATRŪH	01	7	29	2	0	3	8	10		25			20		74	20	0			MATRÛH	
EL DABA																	0	117		EL DABAʿ	
ALEXANDRIA	01	9	32	2	1	5	5	9.5	0.0	24.6	29	-1	23	0	79	22	0	209	186	ALEXANDRIA	
FOUAD (Airport)	01	7	31	2	0	3	6	9.3		26	29		23		70	20	0	213	138	FOUAD (Airport)	
DAMIETTA	01	8	28	2	2	5	6	8.7	+0.2	27.0	30		23		75	22	0	85	106	DAMIETTA	
PORT SAʿID	01	7	28	1	2	7	6	9		26	30		25		70	20	0	56	81	PORT SAʿID	
EL ʿARISH	02	9	24	2	2	9	6	8.9	+0.2	28.4	30	-1	23	+2	59	19	0		94	EL ʿARISH	
DAMANHUR	01	6	32	2	1	3	8	9.5	+0.4	26.3	31	-2	20	0	74	21	0	105	101	DAMANHÛR	Lower Egypt
MANSURA	01	7	30	2	1	3	8	9.5	+0.8	26.8	33	-2	22	+1	69	21	0	73	55	MANSÛRA	
TANTA	01	8	28	1	1	3	8	10.2	+0.8	25.2	32	-3	18	-2	77	21	0	26	44	TANTA	
ZAGAZIG	01	6	26	2	0	5	8	9.5	+0.1	28.5	34	-1	20	0	78	24	0	36	27	ZAGAZIG	
SHIBĪN EL KÔM	00	7	30	2	0	0	-	10.0	+0.8	26.2	35		20		65	19	0	34		SHIBÎN EL KÔM	
ISMAʿILĪA	01	6	24	1	1	5	6	9.1		28.0	35		23		60	20	0	21		ISMAʿILIA	
FAROUK (Airport)	02	7	02	2	1	8	6	10		24			21		64	16	0			FAROUK (Airport)	Cairo Area
ALMÂZA	02	7	04	1	2	8	6	10		25	33		22		71	19	0	25		ALMÂZA	
EZBEKĪYA	01	7	04	1	1	5	8	9.9	+0.9	25.0	34	-2	22	0	71	19	0	32	26	EZBEKÎYA	
GĪZA	01	7	04	1	1	5	8	9.8	+0.9	26.2	34	-1	19	-1	67	19	0	31	27	GÎZA	
HELWÂN	01	7	30	1	1	3	6	10.2	+1.2	24.0	33	-2	21	0	72	19	0	19	29	HELWÂN	
FAIYŪM	00	8	02	2	0	0	-	9.5	+0.2	25.4	35	-2	21	0	71	19	0	11	8	FAIYÛM	Upper Egypt
BENI SUEF	00	9	02	1	0	0	-	8.7		27.4	36		20		57	18	0	11		BENI SUEF	
MINYA	00	7	03	3	0	0	-	10		26	36		21		70	20	0	12		MINYA	
ASYŪT	00	7	00	0	0	0	-	9.2	+0.9	28.8	36	-1	22	-1	53	18	0	tr	4	ASYÛT	
NAGʿ HAMMÂDI																	0	0		NAGʿ HAMMÂDI	
QENA	00	8	24	2	0	0	-	8.6	+1.8	30.0	40	0	23	-1	40	15	0	5		QENA	
LUXOR	00	8	00	0	0	0	-	8		34	40		23		36	17	0	tr		LUXOR	
ASWÂN	00	9	00	0	0	0	-	8.8	+1.8	31.8	42	+1	27	+1	34	14	0	tr		ASWÂN	
SIWA	00	7	02	1	0	0	-	11.1	-0.6	25.5	38	0	22	+1	89	24	0	23	8	SIWA	Oases
BAHARĪYA	00	7	32	2	0	0	-	9.6	-0.4	26.2	37	0	22	+2	72	21	0	18	7	BAHARIYA	
FARAFRA	00	7	00	0	0	0	-	9.6		27.9	38		21		34	10	0	-		FARAFRA	
DAKHLA	00	8	32	1	0	0	-			30.0	39	0	21	-2	25	08	0	tr		DAKHLA	
KHARGA	00	9	02	1	0	0	-	7.8	-0.2	33.1	38	-2	24	+1	25	10	0	0		KHARGA	
SUEZ	00	7	00	0	0	1	8	8.7	+0.5	26.0	36	0	22	-1	65	19	0	-	17	SUEZ	Red Sea
TOR																	0	0	13	TOR	
HURGHÂDA	00	9	31	3	0	0	-	7		28	32		26		74	23	0	1	3	HURGHADA	
QUSEIR	00	8	30	2	0	0	-	7.4	+1.3	32.3	34	0	27	0	67	25	0	0	4	QUSEIR	
PORT SŪDÂN	00	7	30	2	0	1	4	5		39					30	18	0	291	102	PORT SUDAN	
WADI HALFA	00	8	00	0	0	6	4	7		30			24		31	11	0	tr		WÂDI HALFA	North Sudan
KAREIMA	00	8	22	3	1	6	4,2	9		33					36	16	0	tr	11	KAREIMA	
ʿATBARA	00	8	20	3	0	1	4	9		33			27		38	17	0	2	27	ʿATBARA	
KHARTŪM	01	8	18	3	1	3	4	10		27					74	22	0	33	70	KHARTÙM	
KASSALA																	0	36	149	KASSALA	
WAD MEDANI	02	9	16	3	1	10	6	11		25					79	21	0	244	196	WAD MEDANI	Central Sudan
RENK																	0		298	RENK	
ROSEIRES	01	8	18	1	1	3	5	12		24					89	22	0	432	439	ROSEIRES	
EL OBEID	00	8	24	3	1	6	4,1	10		25			22		77	21	0	277	175	EL OBEID	
EL FÂSHER	02	8	12	1	1	9	6,4			22			21		94	21	0	73	145	EL FÂSHER	
GENEINA	02		10	2	1	8	7,4								95	16	0		262	GENEINA	
MALAKAL	02	8	00	0	1	9	4	12		24			22		94	23	0	500	513	MALAKAL	S. Sudan
WÂU	01	8	00	0	1	5	6	12		24			22		89	22	0	573	736	WÂU	
JUBA																	0	653	734	JUBA	

HUMIDITY

Mean of day

Station	on 1ST	Diff. from normal
Alexandria	74	-1
Ezbekiya	58	-2
Giza	58	-3
Helwân	57	+7

GIZA

GRASS MINIMUM TEMP on 2ND 16.4°C

Remarks

UPPER AIR OBSERVATIONS on 1ST

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT on 1st at 17 30

Height Feet	Pressure mbs	Dry °C	Wet °C
Surface	996	31	24
500	968	31	23
1000	950	30	22
[illegible]	900	26	18
[illegible]	850	24	14
[illegible]	800	19	10
[illegible]	750	17	7
[illegible]	700	14	6
[illegible]	650	11	3
[illegible]	600	8	2
[illegible]	550	6	0
[illegible]	500	2	-1
[illegible]	450	-2	-3
20000			

FAROUK AIRPORT — RAWINSONDE on 2ND at 03

Pressure mbs	Height Feet	Temp °C	Humidity %	Wind DD	Wind VV
Surface					
1000					
950					
900	3240	22	25	320	13
850	4860	20	15	350	10
800	6570	17	-	10	8
700	10240	9	-	270	5
600	14400	6	-	270	12
500	19240	-1	-	240	13
400					
300					
250					
200					
150					
100					

(Pilot balloon tables for the 1st — Station / Time / Height m 200–8000, DD VV — are blank.)

UPPER AIR OBSERVATIONS on 2 ND

DD Direction of wind in degrees East of North. VV Velocity in knots.

Station	Sīdi Barâni	Matrûh	Fouad Airport	Port Saʿid	Farouk Airport	Almâza	Helwân	Minya	Asyût	Luxor	Aswân	Siwa
Time		4			03		7			6 45	5	4 45
Height m	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV
200		320 12			360 8		340 7			30 2	20 10	60 10
500		320 14			310 11		360 10			340 8	10 10	70 9
1000		350 7			320 11		330 16			320 10	20 18	50 9
1500		290 10			340 6		320 18			280 23	290 10	360 6
2000		250 17			10 7		320 7				260 16	320 2
3000		270 16			280 4		350 10					250 7
4000		260 14					270 10					300 13
5000					240 13		250 08					
6000					240 12							
7000												
8000												

Station	Bahariya	Dakhla	Kharga	Hurghada	Wâdi Halfa	Abu Hamâd	Kareima	Khartûm	Kassala	El Obeid	El Fâsher	Malakal
Time		5									4	3 45
Height m	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV
200		70 3	30 13									
500		110 6	20 11									
1000		50 7	20 7								160 7	220 5
1500		330 5	300 7								150 11	230 8
2000			260 21								190 13	240 5
3000			280 27								170 13	140 5
4000											180 15	120 8
5000												
6000												
7000												
8000												

Note: All times G.M.T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
ended, now Rain	91
with Hail	93 96
with Duststorm	98
heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at

50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms	9

CLOUD FORM (C)

Cirrus	1
Cirro stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto stratus	5
Strato cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Printed by the Survey of Egypt 1948 (48/199)

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G. M. T. on:
MONDAY 2nd August 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of Beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

SCALE 1 15,000,000

CAIRO
Time of Sunrise 03 15 G.M.T.
" " Sunset 16 47 G.M.T.

WEATHER BUREAU

Form 91

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

DAILY WEATHER REPORT

Date: TUESDAY 3rd AUGUST, 1948.

At 1200 on MONDAY 2nd

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARANI	01	9	30	3	0		8	11.0	26.0	69	20	0
	160	MATRÛH	02	8	30	4	0	0	-	11	28	62	20	0
	134	EL DABA	00	9	32	2	0	0	-		28.1	59	19	0
	132	ALEXANDRIA	00	9	28	2	0	0	-	9.6	28.1	63	20	0
	150	FOUAD (Airport)	00	7	30	2	0	6	6	10.3	28	66	21	0
	159	DAMIETTA	00	8	28	2	0	0	-	8.6	28.5	72	22	0
	161	PORT SAʿÎD	00	8	32	3	0	0	-	9	28	70	22	0
	135	EL ʿARÎSH	00	9	30	3	0	0	-	8.7	28.3	60	20	0
Lower Egypt	136	DAMANHUR	00	7	04	3	0	0	-	9.9	30.2	54	20	0
	137	MANṢURA	00	8	28	2	1	0	-	8.7	33.2	45	19	0
	138	ṬANTA	00	8	28	3	1	0	-	9.5	32.4	47	19	0
	139	ZAGAZIG	00	6	32	3	0	0	-	9.0	34.0	53	16	0
		SHIBÎN EL KÔM	00	8	30	3	0	0	-	8.8	34.3	27	12	0
		ISMAʿILÎA	01	8	28	1	1	3	6	7.6	34.8	44	11	0
Cairo Area	928	FAROUK (Airport)	00	7	02	3	0	0	-	9	33	35	17	0
	141	ALMÂZA	00	8	26	2	0	0	-	8.3	32.4	51	21	0
		EZBEKÎYA	00	8	04	2	0	0	-	8.8	32.7	43	19	0
		GÎZA	00	8	04	2	0	0	-	8.8	33.6	38	18	0
	143	HELWÂN	00	7	26	3	0	0	-	8.0	32.8	35	15	0
Upper Egypt	153	FAIYÛM	00	8	02	2	0	0	-	8.3	33.9	31	14	0
		BENI SUEF	00	9	02	1	0	0	-	8.8	34.4	35	16	0
	162	MINYA	02	8	02	3	0	6	8	8	36	29	15	0
	155	ASYÛT	00	8	22	1	0	0	-	8.2	36.2			0
	164	NAGʿ HAMMÂDI	00	8	00	0	0	0	-	6.8	36.3	30	15	0
	156	QENA	00	9	26	2	0	0	-	5.9	39.4	21	13	0
	157	LUXOR	00	8	28	2	0	0	-	6	39	38	22	0
	158	ASWÂN	00	9	32	1	0	0	-	5.5	39.0	17	10	0
Oases	148	SIWA	00	8	28	2	0	0	-	11.6	36.2	44	22	0
	149	BAHARÎYA	01	8	28	1	1	3	4	8.3	35.5	31	15	0
		FARAFRA												
	152	DAKHLA	00	9	24	2	0	0	-		40.2	15	09	0
	151	KHARGA	00	9	00	0	0	0	-	6.4	39.0	18	11	0
Red Sea	144	SUEZ	00	8	32	2	0	0	-	6.7	33.3	34	15	0
	145	TÔR	00	8	28	3	0	0	—		34.2	51	22	0
	163	HURGHÂDA	00	9	02	3	0	4	8	7	30	70	24	0
	147	QUSEIR	00	8	02	2	0	0	-	6.8	31.4	70	25	0
	208	PORT SÛDÂN												
North Sûdân	165	WADI HALFA												
	166	KAREIMA												
	167	ʿATBARA												
	209	KHARTÛM												
	170	KASSALA												
Central Sûdân	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S. Sûdân	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 1800 on 2nd

Station	ww	V	DD	F	W	Cloud Amount 0-10	Cloud Form C	PPP	TT	UU	Dew Point °C	Rain 12-18 G.M.T. mms
SIDI BARANI	00	8	30	2	0	0	-	11.8	23.7	84	21	0
MATRÛH	00	8	30	4	0	0	-	11	24	90	22	0
EL DABA	00	6	00	0	0	0	-		27.3	69	21	0
ALEXANDRIA	00	5	02	2	0	0	-	11.8	25.0	76	20	0
FOUAD (Airport)	00	7	32	1	0	0	-	10.9	24	84	21	0
DAMIETTA	01	7	28	2	1	3	8	10.7	25.0	87	23	0
PORT SAʿÎD	00	7	31	3	0	2	6	10	26	74	21	0
EL ʿARÎSH	02	9	32	3	1	8	6	10.2	26.8	72	22	0
DAMANHUR	00	7	04	3	0	0	-	11.1	24.6	73	20	0
MANṢURA	00	6	02	2	0	0	-	10.8	25.6	78	22	0
ṬANTA	00	8	28	1	0	0	-	10.7	24.5	80	20	0
ZAGAZIG	00	6	32	2	0	0	-	10.9	25.7	79	22	0
SHIBÎN EL KÔM	00	7	30	2	0	0	-	9.8	25.9	64	18	0
ISMAʿILÎA	00	7	28	2	0	0	-	9.2	28.5	55	18	0
FAROUK (Airport)	00	7	02	5	0	0	-	10	29	50	17	0
ALMÂZA	00	7	02	3	0	0	-	10	29	64	22	0
EZBEKÎYA	00	7	30	2	0	0	-	10.6	28.0	60	20	0
GÎZA	00	7	30	2	0	0	-	10.3	28.8	54	19	0
HELWÂN	00	7	32	2	0	0	-	9.6	30.0	47	17	0
FAIYÛM	00	8	02	1	0	0	-	9.0	31.1	44	17	0
BENI SUEF	00	9	02	1	0	0	-	8.0	29.2	56	19	0
MINYA	00	7	04	1	0	0	-	8	28	52	17	0
ASYÛT	00	5	26	1	0	0	-	8.6	31.1	37	15	0
NAGʿ HAMMÂDI	00	8	00	0	0	0	-	8.0	28.7	[illegible]	18	0
QENA	00	6	24	2	0	0	-	7.9	31.0	35	14	0
LUXOR	00	7	00	0	0	0	-	8	34	25	11	0
ASWÂN	00	9	00	0	0	0	-	6.3	37.0	18	09	0
SIWA	00	6	00	0	0	0	-	11.1	31.8	59	23	0
BAHARÎYA	00	7	00	0	1	0	-	9.1	32.5	34	14	0
FARAFRA	00	7	32	1	0	0	-	8.0	31.8	25	09	0
DAKHLA	00	8	00	0	0	0	-	7.7	35.0	20	09	0
KHARGA	00	7	00	0	0	0	-	6.8	34.0	21	08	0
SUEZ	00	6	02	3	0	0	-	8.4	29.9	52	19	0
TÔR	00	8	28	2	0	0	0		31.8	55	22	0
HURGHÂDA	00	9	27	2	0	0	-	7	32	52	21	0
QUSEIR	00	8	12	1	0	0	-	6.8	30.2	70	24	0

At 0600 on TUESDAY 3rd

Station	ww	V	DD	F	W	Cloud Amount 0-10	Cloud Form C	Bar. M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Max. Yesterday TxTx	Diff. from norm.	Min. Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C	Rain Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	Station	Area
SIDI BARANI	01	9	28	3	1	5	8	13.2		25.0	27		19		75	20	0	171		SÎDI BARÂNI	Mediterranean
MATRÛH	00	7	27	2	0	2	6	13		25	29		20		75	20	0			MATRÛH	
EL DABA	01	7	00	0	1	5	8			27.1	28		19		64	20	0	117		EL DABAʿ	
ALEXANDRIA	01	9	32	1	1	5	8	13.2	+3.6	25.2	29	-1	22	-1	72	20	0	209	186	ALEXANDRIA	
FOUAD (Airport)	00	7	00	0	0	6	8	12.9		26	29		19		70	20	0	213	138	FOUAD (Airport)	
DAMIETTA	01	8	28	2	1	3	8	12.0	+3.5	27.0	30		21		77	23	0	85	106	DAMIETTA	
PORT SAʿÎD	00	7	01	1	0	1	6	12		27					70	21	0	56	81	PORT SAʿÎD	
EL ʿARÎSH	02	9	26	3	1	8	8	12.0	+3.3	27.4	29	-2	23	+2	64	22	0		94	EL ʿARÎSH	
DAMANHUR	00	7	32	3	2	2	8	12.7	+3.6	25.0	31	-2	19	-1	84	22	0	105	101	DAMANHÛR	Lower Egypt
MANṢURA	01	7	30	1	1	5	8	13.1	+4.4	26.8	34	-1	21	0	72	22	0	73	55	MANṢÛRA	
ṬANTA	01	8	00	0	1	3	8	13.8	+4.4	25.0	33	-2	17	-3	76	20	0	26	44	ṬANTA	
ZAGAZIG	01	6	04	2	0	3		13.8	+3.5	28.0	35	0	20	0	67	21	0	36	27	ZAGAZIG	
SHIBÎN EL KÔM	01	7	02	2	1	3	8	13.0	+3.8	26.2	35		20		63	18	0	34		SHIBÎN EL KÔM	
ISMAʿILÎA	01	7	12	1	1	5	6			27.8	35		23		76	23	0	21		ISMAʿILÎA	
FAROUK (Airport)	00	7	04	2	0	2	6	12		26	34		22		70	20	0			FAROUK (Airport)	Cairo Area
ALMÂZA	00	9	04	2	0	2	8	12		26	34		22		74	21	0	25		ALMÂZA	
EZBEKÎYA	00	7	32	2	0	0	-	12.4	+3.4	26.2	34	-2	22	0	73	21	0	32	26	EZBEKÎYA	
GÎZA	00	7	32	2	0	0	-	12.8	+3.3	26.0	34	-1	21	+1	74	21	0	31	27	GÎZA	
HELWÂN	05	6	00	0	0	0	-	12.0	+3.0	25.5	34	-1	21	0	65	19	0	19	29	HELWÂN	
FAIYÛM	00	8	00	0	0	0	-	11.6	+2.3	27.0	36	-1	22	+1	66	20	0	11	8	FAIYÛM	Upper Egypt
BENI SUEF	00	9	02	1	0	0	-	11.0		29.1	36		20		58	20	0	11		BENI SUEF	
MINYA	00	7	32	2	0	0	-	12		28	37		22		62	20	0	12		MINYA	
ASYÛT	00	7	26	1	0	0	-	11.5	+3.8	28.8	37	0	23	0	47	16	0	tr	4	ASYÛT	
NAGʿ HAMMÂDI	00	8	00	0	0	0	-	11.2	+4.2	29.4	37		20		46	16	0	0		NAGʿ HAMMÂDI	
QENA	00	8	24	2	0	0	-	9.9	+3.0	33.3	41	+1	23	-1	35	16	0	5		QENA	
LUXOR	00	8	00	0	0	0	-	10		34	40		22		27	12	0	tr		LUXOR	
ASWÂN	00	9	32	2	0	0	-	10.6	+3.6	32.8	42	+1	27	+1	30	13	0	tr		ASWÂN	
SIWA	00	7	06	1	0	0	-	13.5	+1.8	27.8	38	0	21	0	70	22	0	23	8	SIWA	Oases
BAHARÎYA	00	7	04	2	0	0	-	12.4	+2.4	28.0	38	+1	24	+4	63	20	0	18	7	BAHARIYA	
FARAFRA	00	7	04	1	0	0	-	12.7		29.1	39				48	16	0	-		FARAFRA	
DAKHLA	00	8	00	0	0	0	-	10.7	+2.1	29.6	41	+2	22	-1	30	11	0	tr		DAKHLA	
KHARGA	00	9	00	0	0	0	-	10.0	+2.0	31.8	40	0	23	0	32	13	0	0		KHARGA	
SUEZ	00	7	00	0	0	0	-	11.6	+3.4	26.1	36	0	22	-1	68	20	0	-	17	SUEZ	Red Sea
TÔR	00	8	28	4	0	0	—			28.5	39	+5	26	+1			0	0	13	TOR	
HURGHÂDA	00	9	30	3	0	6		10		29	33		26		59	20	0	1	3	HURGHADA	
QUSEIR	00	8	32	2	0	0	-	9.5	+3.4	30.8	32	-2	26	-1	62	23	0	0	4	QUSEIR	
PORT SÛDÂN	00	9	32	2	0	1	4,1	7		37							0	291	102	PORT SUDAN	
WADI HALFA																	0	tr		WÂDI HALFA	North Sûdân
KAREIMA	00	8	04	1	1	0	-	8		36					24	13	0	tr	11	KAREIMA	
ʿATBARA	02	7	26	4	1	10	3	7		34							0	2	28	ʿATBARA	
KHARTÛM	02	8	23	1	6	10	3	9		29					52	18	tr	33	72	KHARTÛM	
KASSALA	00	8	26	4	9	0	-	9		28					52	17	tr	36	153	KASSALA	
WAD MEDANI																	1	245	202	WAD MEDANI	Central Sûdân
RENK																	0		302	RENK	
ROSEIRES																	0	432	446	ROSEIRES	
EL OBEID	01	8	00	0	1	3	2	12		24					74	19	0	277	178	EL OBEID	
EL FÂSHER																	0	73	149	EL FÂSHER	
GENEINA	01	8	08	1	0	7	41			22					14	21	0		270	GENEINA	
MALAKÂL																	0	500	520	MALAKAL	S. Sûdân
WÂU																	0	573	742	WÂU	
JUBA																	0	653	738	JUBA	

HUMIDITY — Mean of day

Station	on 2nd	Diff. from normal
Alexandria	76	+2
Ezbekîya	60	0
Gîza	56	-5
Helwân	57	+7

GÎZA — GRASS MINIMUM TEMP. ON 3rd 19.0°C

Remarks

UPPER AIR OBSERVATIONS on 2nd

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMÂZA — AEROPLANE ASCENT ON 2nd

Height feet	Pressure mbs	Dry °C	Wet °C
Surface	997	31	25
500	971	31	23
[illegible]	950	29	22
[illegible]	900	25	19
[illegible]	850	20	16
[illegible]	800	17	11
[illegible]	750	13	6
[illegible]	700	10	1
[illegible]	650	9	0
[illegible]	600	6	0
[illegible]	550	3	0
[illegible]	500	0	-3
[illegible]	450	-4	-5
20000			

FAROUK AIRPORT — RAWINSONDE ON 3rd AT 03

Pressure mbs	Height feet	Temp °C	Humidity %	Wind DD	Wind VV
Surface					
1000					
950					
900	3320	23	45	310	19
850	4950	19	55	290	22
800	6650	15	55	270	15
700	10320	11	25	290	12
600	14460	3	-	270	19
500	19280	1	-	270	19
400					
300	31100	-27	-	310	30
250					
200	40470	-43	-	300	34
150					
100					

Station	MATRUH		P. SAÎD	
Time	14		16 45	
Height m.	DD	VV	DD	VV
200	340	11	340	21
500	320	23	330	16
1000	280	14	320	16
1500			300	17
2000			320	15
3000	270	14		
4000	250	23		
5000	240	17		
6000				
7000				
8000				

UPPER AIR OBSERVATIONS on 3rd

DD Direction of wind in degrees East of North. VV Velocity in knots.

Station	PORT SAÎD		FAROUK AIRPORT		HELWÂN		LUXOR		ASWÂN		SIWA	
Time	3 30		03		06 45		5 45		5		4 45	
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	350	5	40	7	290	7	10	5	30	7	10	13
500	360	5	360	13	360	10	10	14	30	17	80	13
1000	320	5	320	15	320	23	360	20	360	14		
1500	280	14	290	20	320	25	340	19	340	18	320	15
2000	280	10	280	10							320	42
3000	250	9	290	10							250	28
4000	280	11									260	23
5000	220	12									250	29
6000			270	15								

(Sîdi Barâni, Matrûh, Fouad Airport, Almâza, Minya and Asyût columns blank.)

Station	DAKHLA		KHARGA		WÂDI HALFA		KHARTÛM		EL FÂSHER	
Time	5						4 15		4	
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	60	5	10	14	60	22				
500	80	7	10	16	60	56	220	25		
1000	70	14	20	20	50	38	260	22	310	6
1500	10	8	70	14	350	10	290	6	290	9
2000	350	8					350	15		

(Bahariya, Hurghada, Abu Hamad, Kareima, Kassala, El Obeid and Malakal columns blank.)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

WIND FORCE (F)

	K P H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Printed by the Survey of Egypt 1948 (48/195)

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on: TUESDAY 3rd August 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction

Wind force is indicated by flashes on the arrow

Each flash stands for 2 units of Beaufort scale

▼▼▼▼▼▼ Indicates Cold front

▼▼▼▼▼▼ " Warm

▼▼▼▼▼▼ " Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for High pressure

L " Low "

The remaining symbols are found on the back of this chart

SCALE 1:15000000

CAIRO

Time of Sunrise 03 15 G.M.T.

" " Sunset 16 46 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

WEATHER BUREAU

DAILY WEATHER REPORT

Date: WEDNESDAY 4th AUGUST, 1948.

At 1200 on TUESDAY 3rd

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARANI	00	9	28	4	0	0	-	13.4	27.0	63	19	0
	160	MATRŪH	00	8	34	4	0	2	6	13	28	62	20	0
	134	EL DABA												0
	132	ALEXANDRIA	00	9	32	2	0	0	-	12.6	28.4	63	20	0
	150	FOUAD (Airport)	00	7	29	2	0	0	-	12.2	29	59	20	0
	159	DAMIETTA	00	8	30	3	1	0	-	11.9	28.3	69	22	0
	161	PORT SAʿID	00	8	32	3	0	0	-	12	27	66	20	0
	135	EL ʿARISH	00	9	28	4	0	0	-	11.4	28.3	61	20	0
Lower Egypt	136	DAMANHUR	00	7	28	3	0	0	-	12.4	30.3	57	20	0
	137	MANṢURA	01	8	04	2	1	5	8	11.6	32.2	44	18	0
	138	ṬANTA	00	8	24	2	0	0	-	12.3	33.0	39	17	0
	139	ZAGAZIG												0
		SHIBĪN EL KŌM	00	8	28	3	0	0	-	11.8	34.3	28	12	0
		ISMAʿILIA	01	8	04	1	1	3	6	11.6	34.0	40	18	0
Cairo Area	928	FAROUK (Airport)	00	8	02	4	0	0	-	12	32	30	13	0
	141	ALMĀZA	00	8	01	3	0	0	-	11	32	48	19	0
		EZBEKĪYA	00	8	32	1	0	0	-	11.2	32.8	39	17	0
		GĪZA	00	8	32	1	0	0	-	11.1	33.1	34	15	0
	143	HELWĀN	00	7	26	3	0	0	-	10.4	33.0	25	11	0
Upper Egypt	153	FAIYŪM	00	8	32	1	0	0	-	10.4	34.0	31	15	0
		BENI SUEF	00	9	02	1	0	0	-	10.3	36.6	29	16	0
	162	MINYA	00	8	01	3	0	0	-	10	36	29	15	0
	155	ASYŪṬ	00	8	22	1	0	0	-	9.6	36.3	24	12	0
	164	NAGʿ HAMMĀDI	00	8	24	1	0	0	-	8.3	38.0	26	15	0
	156	QENA	00	9	26	3	0	0	-	6.8	40.4	15	09	0
	157	LUXOR	00	8	29	4	0	0	-	7	40	14	08	0
	168	ASWĀN	00	9	32	2	0	0	-	7.4	40.5	15	09	0
Oases	148	SIWA	00	8	20	3	0	0	-	13.0	36.4	50	24	0
	149	BAHARĪYA	00	8	28	2	0	0	-	10.8	37.3	30	17	0
		FARAFRA												0
	152	DAKHLA	00	9	28	2	0	0	-		40.2	15	09	0
	151	KHARGA	00	9	30	1	0	0	-	8.4	39.1	37	21	0
Red Sea	144	SUEZ	00	8	00	0	0	0	-	9.1	34.5	25	11	0
	145	ṬŌR	00	8	28	6	0	0	—		34.0			0
	163	HURGHĀDA	00	9	32	4	0	K		8	32	49	20	0
	147	QUSEIR	00	8	32	3	0	0	-		33.0	59	24	0
	208	PORT SŪDĀN	18	4	04	6	3	0	-	3	39			0
North Sūdān	165	WADI HALFA	00	8	32	4	0	0	-	6	42	17	12	0
	166	KAREIMA	00	8	07	1	0	0	-	3	43	12	08	0
	167	ʿATBARA	01	7	32	4	0	3	2,4	2	42	14	09	0
	209	KHARṬŪM	02	8	30	3	1	9	2,1	5	38	29	17	0
	170	KASSALA	01	8	24	2	1	7	6,4					0
Central Sūdān	171	WAD MEDANI	02	8	18	3	1	10	3	6	36	37	19	0
	182	RENK												0
	172	ROSEIRES	01	8	20	2	1	3	5	8	27	74	22	0
	174	EL OBEID												0
	175	EL FASHER	01	8	22	1	1	5	6,2		33	34	15	0
	179	GENEINA	02	8	20	3	1	8	6		30	35	13	0
S. Sūdān	176	MALAKĀL	02	8	24	3	0	10	2,5	9	27	70	21	0
	177	WAU	01	8	26	1	1	5	8	9	32	52	21	0
	178	JUBA	02	8	14	2	1	10	2,2	10	35	44	21	0

At 1800 on 3rd

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARANI	01	8	28	2	0	3	9	13.5	24.0	83	21	0
MATRŪH	00	8	29	4	0	K	6	12	25	84	22	0
EL DABA												0
ALEXANDRIA	00	5	32	2	0	0	-	12.3	25.0	76	20	0
FOUAD (Airport)	00	7	00	0	0	0	-	12.3	25	74	20	0
DAMIETTA	00	7	28	2	0	0	-	11.8	24.8	83	22	0
PORT SAʿID	00	7	31	3	0	0	0	12	26	70	20	0
EL ʿARISH	00	9	32	3	0	K	8	11.6	25.6	74	21	0
DAMANHUR	00	7	32	3	0	0	-	12.4	25.2	73	20	0
MANṢURA	00	6	04	2	1	0	-	12.4	25.5	71	20	0
ṬANTA	00	8	24	1	0	0	-	12.1	25.0	76	20	0
ZAGAZIG	01	6	32	2	0	3	1	12.1	26.0	69	20	0
SHIBĪN EL KŌM	00	7	30	2	0	0	-	12.4	27.6	57	19	0
ISMAʿILIA	00	7	02	2	0	0	-	10.8	29.8	48	18	0
FAROUK (Airport)	00	7	04	4	0	0	-	11	29	52	18	0
ALMĀZA	00	7	32	2	0	0	-	10.7	30.2	64	20	0
EZBEKĪYA	00	7	32	2	0	0	-	11.5	28.6	54	18	0
GĪZA	00	7	32	2	0	0	-	11.6	29.4	49	17	0
HELWĀN	00	8	32	2	0	0	-	11.0	30.0	38	14	0
FAIYŪM	00	8	02	1	0	0	-	10.2	29.9	35	13	0
BENI SUEF	00	9	02	1	0	0	-	10.6	27.2	56	17	0
MINYA	00	7	02	2	0	0	-	10	28	42	14	0
ASYŪṬ	00	6	26	1	0	0	-	10.0	30.0	36	13	0
NAGʿ HAMMĀDI	00	8	00	0	0	0	-	8.2	30.6	40	16	0
QENA	00	6	36	3	0	0	-	7.5	34.0	25	11	0
LUXOR	00	7	29	3	0	0	-	7	35	23	11	0
ASWĀN												0
SIWA	00	6	00	0	0	0	-	11.1	31.8	59	23	0
BAHARĪYA	00	7	28	1	0	0	-	10.8	32.0	43	18	0
FARAFRA												0
DAKHLA	00	8	00	0	0	0	-		36.8	20	11	0
KHARGA	00	7	02	1	0	0	-	8.2	35.7	21	10	0
SUEZ	00	6	33	2	0	0	-	10.2	29.1	46	16	0
ṬŌR	00	8	28	5	0	0	—		34.8	48	23	0
HURGHĀDA	00	9	28	3	0	0	-	8	31	66	24	0
QUSEIR	00	8	32	2	0	0	-	7.1	32.2	46	19	0

At 0600 on WEDNESDAY 4th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb TT	Maximum Yesterday TxTx	Max. Diff. from norm.	Minimum Today TnTn	Min. Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Rainfall Total from Oct. 1	Rainfall Norm. from Oct. 1	Station	Area
	00	9	28	3	0	1	8	11.9		25.2	28		23		78	21	0	171		SĪDI BARĀNI	Mediterranean
	00	7	27	3	0	0	-	12		25	29		20		74	20	0			MATRŪH	
																	0	117		EL DABAʿ	
	01	9	24	2	1	5	8	10.7	+1.1	25.6	28	-2	23	0	70	20	0	209	186	ALEXANDRIA	
	00	7	00	0	0	2	6	10.5		27	29		23		66	20	0	213	138	FOUAD (Airport)	
	01	8	20	2	1	5	9	10.4	+1.8	26.4	29		20		77	22	0	85	106	DAMIETTA	
	01	7	25	2	0	3	6	11		26	29		24		70	20	0	56	81	PORT SAʿID	
	02	9	30	3	2	8	8	10.4	+1.7	27.4	30	-1	21	0	59	18	0		94	EL ʿARISH	
	01	6	28	3	1	3	8	11.6	+2.4	26.3	31	-2	20	0	74	21	0	105	101	DAMANHŪR	Lower Egypt
	01	7	02	1	1	3	4	10.7	+1.9	26.0	34	-1	19	-2	75	21	0	73	55	MANṢŪRA	
	01	8	00	0	1	3	8	11.6	+2.1	25.0	33	-2	17	-3	76	20	0	26	44	ṬANTA	
	01	6	32	2	0	3	8	11.8	+2.4	28.0	34	-1	19	-1	68	20	0	36	27	ZAGAZIG	
	00	7	28	2	0	0	-	11.6	+2.3	25.6	35	-	20		63	18	0	34		SHIBĪN EL KŌM	
	01	7	24	1	1	5	6	10.2		27.0	35		22		63	19	0	21		ISMAʿILIA	
	00	7	02	2	0	2	8	11		24	34		21		69	18	0			FAROUK (Airport)	Cairo Area
	01	7	01	1	0	3	6	10.6	+1.6	24.6	34		21		76	20	0	25		ALMĀZA	
	01	7	28	2	1	5	8	10.8	+1.8	24.8	34	-2	21	-1	74	20	0	32	26	EZBEKĪYA	
	01	7	28	2	1	5	8	10.7	+1.8	24.7	34	-1	20	0	72	19	0	31	27	GĪZA	
	00	7	32	2	0	K	8	10.7	+1.6	24.9	34	-1	21	0	66	18	0	19	29	HELWĀN	
	00	8	32	1	0	0	-	9.8	+0.5	25.0	35	-2	21	0	70	20	0	11	8	FAIYŪM	Upper Egypt
	00	9	02	1	0	0	-	9.5		27.3	37		20		62	19	0	11		BENI SUEF	
	00	7	02	2	0	0	-	10		26	37		19		70	20	0	12		MINYA	
	00	7	22	1	0	0	-	8.9	+0.5	22.0	37	0	22	-1	44	15	0	dr	4	ASYŪṬ	
																	0	0		NAGʿ HAMMĀDI	
	00	8	22	2	0	0	-	7.5	+0.6	33.6	42	+2	23	-1	30	13	0	5		QENA	
	00	8	00	0	0	0	-	8		34	41		22		30	14	0	dr		LUXOR	
	00	9	32	3	0	0	-	8.0	+1.0	31.7	42	+1	27	+1	34	14	0	dr		ASWĀN	
	00	7	30	1	0	0	-	13.6	+1.9	24.9	38	0	21	0	80	21	0	23	8	SIWA	Oases
	00	7	32	1	0	0	-	11.5	+1.4	23.0	38	+1	22	+3	66	16	0	18	7	BAHARIYA	
																	0	-		FARAFRA	
	00	8	06	1	0	0	-	9.3	+0.7	33.1	41	+2			30	13	0	dr		DAKHLA	
	00	9	02	1	0	0	-	9.0	+1.0	31.1	40	0	27	+4	32	13	0	0		KHARGA	
	00	8	00	0	0	K	8	9.8	+1.6	25.9					70	20	0	-	17	SUEZ	Red Sea
	00	8	28	3	0	0	—			30.0	37	+3	27	+2	41		0	0	13	TOR	
	00	9	29	3	0	0	-	8		29	32		26		55	19	0	1	3	HURGHADA	
	00	8	32	5	0	0	-	7.0	+0.9	30.0	34	0	27	0	54	20	0	0	4	QUSEIR	
	02	7	12	2	1	10	4,2	4		33					36	16	0	291	102	PORT SUDAN	
	00	8	32	1	0	1		7		36					15	06	0	tr		WÂDI HALFA	North Sūdān
	01	8	24	2	0	3	2,4	4		36					22	11	0	tr	12	KAREIMA	
	01	7	04	4	0	3	4,1	5		35					18	07	0	2	29	ʿATBARA	
	00	8	26	4	1	8	4,2	6		33					38	17	0	33	74	KHARTŪM	
	00	8	16	3	0	2	6	0		28					70	22	0	36	158	KASSALA	
																	0	245	208	WAD MEDANI	Central Sūdān
																	0		306	RENK	
																	16	448	454	ROSEIRES	
	02	8	16	4	1	10	6,4			25					84	22	0	277	182	EL OBEID	
	18	6	28	5	3	9	6			22					78	18	1	74	164	EL FASHER	
	02	8	24	2	1	9	4			23					84	20	0		278	GENEINA	
																	5	505	527	MALAKAL	S. Sūdān
																	1	576	750	WAU	
																	0	653	742	JUBA	

HUMIDITY

Mean of day

Station	on 3rd	Diff. from normal
Alexandria	72	-2
Ezbekiya	58	-2
Giza	57	-4
Helwân	49	-1

GIZA

GRASS MINIMUM TEMP. on 4th 17.5

Remarks

UPPER AIR OBSERVATIONS on 3rd

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — Aeroplane Ascent

On … at …

Height feet	Pressure mbs	Dry °C	Wet °C
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT — Rawinsonde

On 4th at 03

Pressure mbs	Height feet	Temp °C	Humidity %	Wind DD	Wind VV
Surface					
1000					
950					
900	3270	19	65	340	12
850	4880	17	65	310	30
800	6580	14	45	300	22
700	10250	10	-	290	10
600	14420	9	-	290	19
500	19300	-1	-	230	14
400					
300					
250					
200					
150					
100					

Height m	P. SAID (Time 14) DD	VV
200	340	17
500	340	17
1000	310	16
1500	310	15
2000	280	14
3000	290	15
4000	20	16
5000	270	21
6000		
7000		
8000		

UPPER AIR OBSERVATIONS on 4th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Height m	Sīdi Barāni DD	VV	Matrûh (Time 4) DD	VV	Fouad Airport DD	VV	Port Saʿid (Time 3 30) DD	VV	Farouk Airport DD	VV	[illegible] (Time 7 30) DD	VV	[illegible] DD	VV	Minya DD	VV	Asyût DD	VV	Luxor (Time 5 45) DD	VV	Aswân DD	VV	Siwa (Time 4 45) DD	VV
200			310	12			310	9			330	8							350	5			20	10
500			310	13			330	6			20	10							360	13			20	12
1000			40	13			320	5			330	10							340	19			10	24
1500			350	18			Ent Sc				310	23							340	12			320	19
2000			350	14							260	7											310	23
3000																							310	17
4000																							290	19
5000																							300	12
6000																							290	18
7000																								
8000																								

Height m	Bahariya DD	VV	Dakhla (Time 5) DD	VV	Kharga DD	VV	Hurghada (Time 8 15) DD	VV	Wâdi Halfa DD	VV	Abu Hamâd DD	VV	Kareima DD	VV	Khartûm DD	VV	Kassala DD	VV	El Obeid DD	VV	El Fasher (Time 4 30) DD	VV	Malakal DD	VV
200			50	6	20	17	350	9																
500			30	11	10	20	350	8																
1000			20	18	10	18	350	8													90	10		
1500			350	23	340	19	350	9													30	13		
2000			360	33	320	23	350	10													60	16		
3000							320	3													80	21		
4000																								
5000																								
6000																								
7000																								
8000																								

Note All times G.M.T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Printed by the Survey of Egypt 1948 (48/1951)

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on:
WEDNESDAY 4th August 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 16 G.M.T.

" " Sunset 16 45 G.M.T

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT,

DAILY WEATHER REPORT

Date: THURSDAY 5TH AUGUST, 1948.

At 1200 on WEDNESDAY 4th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 6-12 G.M.T. mms
MEDITERRANEAN	146	SIDI BARANI	00	9	28	5	0	0	-	11.4	25.0	80	21	0
	160	MATRUH												0
	134	EL DABA	00	8	28	3	0	0	-		28.2	60	20	0
	132	ALEXANDRIA	01	9	30	3	2	5	8	9.5	27.7	68	22	0
	150	FOUAD (Airport)	00	7	27	3	0	0	—	9.5	28			0
	159	DAMIETTA	00	8	28	3	1	0	-	9.2	28.2	74	23	0
	161	PORT SA'ID	00	8	32	2	0	k	6	9	28	62	20	0
	135	EL ARISH	00	9	28	4	0	0	-	8.7	28.4	55	18	0
LOWER EGYPT	136	DAMANHUR	00	7	28	4	1	2	8	9.9	29.8	53	19	0
	137	MANSURA	01	8	28	1	1	5	8	8.3	32.8	46	20	0
	138	TANTA	01	8	28	1	1	5	8	8.9	32.0	34	14	0
	139	ZAGAZIG	00	6	28	2	0	0	-	9.0	34.0	49	22	0
		SHIBIN EL KOM	00	8	28	3	0	1	8	9.2	33.3	30	13	0
		ISMAILIA	01	7	26	2	1	5	6	8.9	33.6	44	20	0
CAIRO AREA	928	FAROUK (Airport)	00	8	02	4	0	0	-	8	32	34	14	0
	141	ALMAZA	00	8	28	2	0	0	-	8	32	40	18	0
		EZBEKIYA	00	8	28	2	0	0	-	8.6	31.3	40	16	0
		GIZA	00	8	28	2	0	0	-	9.0	32.0	35	15	0
	143	HELWAN	00	7	28	3	0	0	-	7.9	31.0	32	12	0
UPPER EGYPT	153	FAIYUM	00	8	02	2	0	0	-	8.3	31.7	30	12	0
		BENI SUEF	00	9	02	1	0	0	-	8.4	37.7	22	13	0
	162	MINYA	00	8	01	4	0	0	-	8	36	20	10	0
	155	ASYUT	00	8	20	2	0	0	-	6.9	34.2	26	12	0
	164	NAG HAMMADI	00	8	24	1	0	0	-	5.9	36.2	27	14	0
	156	QENA	00	9	26	3	0	0	-	4.8	39.0	15	08	0
	157	LUXOR	00	8	30	4	0	k		5	39	19	10	0
	158	ASWAN	00	9	32	3	0	0	-	4.7	38.0	19	11	0
OASES	148	SIWA	00	8	28	5	0	0	-	13.1	33.7	29	13	0
	149	BAHARIYA	00	8	32	2	0	0	-	9.8	34.0	31	14	0
		FARAFRA												
	152	DAKHLA	00	9	28	4	0	0	-		37.4	18	09	0
	151	KHARGA	00	9	30	2	0	0	-	7.0	36.8	19	10	0
RED SEA	144	SUEZ	00	8	00	0	0	0	-	6.7	32.9	30	13	0
	145	TOR	00	8	28	5	0	0	-		31.6	68	24	0
	163	HURGHADA	00	9	31	4	0	k	1	6	31	46	18	0
	147	QUSEIR	00	8	32	3	0	0	-	5.9	33.0	50	21	0
	208	PORT SUDAN												
NORTH SUDAN	165	WADI HALFA												
	166	KAREIMA												
	167	ATBARA												
	209	KHARTUM	00	7	04	3	0	1	8					0
	170	KASSALA												
CENTRAL SUDAN	171	WAD MEDANI												
	182	RENK	00	9	20	2	1	0	-	7	30	66	23	0
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FASHER												
	173	GENEINA												
SOUTH SUDAN	176	MALAKAL	02	8	16	2	1	10	4	8	29	66	22	0
	177	WAU												
	178	JUBA												

At 1800 on 4th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs PPP	Temp. °C TT	Humidity UU	Dew Point °C	Rain 12-18 G.M.T. mms
SIDI BARANI	00	8	26	4	0	0	-	10.7	24.2	84	21	0
MATRUH	00	8	28	4	0	0	-	10	24			0
EL DABA	00	8	00	0	0	0	-		24.7	71	19	
ALEXANDRIA	00	5	30	2	0	0	-	9.0	25.4	67	18	0
FOUAD (Airport)	00	7	29	2	0	0	-	8.4	25	74	20	0
DAMIETTA	01	7	28	2	1	3	8	8.4	25.0	84	22	0
PORT SA'ID	00	7	30	3	0	1	6	8	26	74	21	0
EL ARISH	00	9	32	3	0	1	8	8.4	24.9	73	20	0
DAMANHUR	00	7	32	2	0	0	-	9.0	24.4	74	19	0
MANSURA	00	6	32	2	1	0	-	8.4	25.5	74	21	0
TANTA	01	8	24	1	1	5	8	8.9	25.0	68	19	0
ZAGAZIG	00	6	32	2	0	0	-	8.9	28.5	63	20	0
SHIBIN EL KOM	00	7	30	2	0	0	-	8.7	26.8	57	18	0
ISMAILIA	00	7	04	2	0	0	-	9.1	28.0	61	20	0
FAROUK (Airport)	00	7	32	4	0	k	6	8	28	48	13	0
ALMAZA	00	7	02	4	0	0	-	8.1	28.4	45	16	0
EZBEKIYA	00	7	30	2	0	0	-	8.3	27.5	58	19	0
GIZA	00	7	30	2	0	0	-	8.0	29.1	50	17	0
HELWAN	00	7	32	4	0	0	-	7.8	28.6	48	17	0
FAIYUM	01	8	32	1	1	5	8	7.4	28.9	45	12	0
BENI SUEF	00	9	02	1	0	0	-	7.1	27.2	46	14	0
MINYA	00	7	02	2	0	0	-	7	26	48	14	0
ASYUT												
NAG HAMMADI	00	8	00	0	0	0	-	5.8	27.3	34	10	0
QENA	00	6	26	2	0	0	-	5.2	32.6	25	11	0
LUXOR	00	7	27	3	0	0	-	5	33	24	10	0
ASWAN	00	9	32	3	0	0	-	6.5	36.0	20	10	0
SIWA	00	6	00	0	0	0	-	10.3	31.2	65	24	0
BAHARIYA	00	7	00	0	0	0	-	9.0	29.5	35	13	0
FARAFRA												
DAKHLA	00	9	28	1	0	0	-	7.2	33.4	27	11	0
KHARGA	00	9	30	1	0	0	-	6.3	33.2	20	07	0
SUEZ	00	6	32	2	0	0	-	7.1	28.7	55	19	0
TOR	00	8	28	2	0	0	-		31.8	57	22	0
HURGHADA												
QUSEIR	00	8	32	2	0	0	-	4.8	30.6	46	18	0

At 0600 on THURSDAY 5th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs PPP	Diff. from normal mbs	Temp. Dry Bulb TT	Maximum Yesterday TxTx	Diff. from norm.	Minimum Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C	Rainfall Past 24 hrs	Total From Oct 1	Norm. From Oct 1	Area
SIDI BARANI	00	9	28	3	0	0	-			25.4	27		23		79	21	0	171		MEDITERRANEAN
MATRUH	00	7	27	4	0	2	6	9		25			20		84	22	0			
EL DABA	00	8	28	1	0	0	-				29		25				0	117		
ALEXANDRIA	01	9	32	2	1	5	4	7.4	-2.3	25.5	28	-2	23	0	73	20	0	209	186	
FOUAD (Airport)	01	7	28	2	1	5	6	7.2		26	28		24		74	21	0	213	138	
DAMIETTA	01	8	20	2	1	5	8	6.8	-1.8	26.4	29		20		77	22	0	85	106	
PORT SA'ID	01	7	23	1	1	5	6	7		25	29		24		74	20	0	56	81	
EL ARISH	01	9	18	2	1	5	8	7.2	-1.5	28.2	29	-2	20	-1	74	23	0			
DAMANHUR	01	6	24	3	1	5	8	7.6	-1.7	26.2	31	-2	20	0	82	23	0	105	101	LOWER EGYPT
MANSURA	01	7	20	1	1	5	6	7.1	-1.7	26.5	33	-2	20	-1	73	21	0	73	65	
TANTA	01	8	20	1	1	5	8	8.0	-1.5	25.5	32	-3	18	-2	75	21	0	26	44	
ZAGAZIG	00	6	22	2	0	0	-	7.8	-1.6	28.5	34	-1	19	-1	67	21	0	36	27	
SHIBIN EL KOM	01	7	22	1	0	3	8			26.6	34		21		66	19	0	30		
ISMAILIA	01	7	16	1	1	5	6	7.5		28.0	34		22		63	20	0	21		
FAROUK (Airport)	01	7	02	2	1	5	6	7		25	33		21		71	19	0			CAIRO AREA
ALMAZA	02	7	04	1	1	10	6	6.8	-2.3	24.8	32		22		74	20	0	25		
EZBEKIYA	01	7	02	1	1	3	8	7.6	-1.5	25.0	33	-3	22	0	71	19	0	32	26	
GIZA	01	7	02	1	1	3	8	7.5	-1.5	25.1	32	-2	19	-1	74	20	0	31	27	
HELWAN	00	7	30	2	1	2	0	7.2	-1.9	24.0	32	-3	21	0	68	18	0	19	29	
FAIYUM	02	8	02	1	2	10	8	7.4	-2.0	24.4	34	-2	20	-1	76	19	0	11	8	UPPER EGYPT
BENI SUEF	00	9	02	1	0	0	-	7.2		26.2	38		20		69	20	0	11		
MINYA	01	7	01	4	0	7	1	7		25	36		20		70	19	0	12		
ASYUT	00	7	22	1	0	0	-	6.2	-2.2	26.2	36	-1	21	-2	54	16	0	dr	4	
NAG HAMMADI	00	8	00	0	0	0	-	5.5	-1.5	28.3	36		18		45	15	0	0		
QENA	00	8	24	2	0	0	-	5.1	-1.9	30.8	40	0	23	-1	38	15	0	5		
LUXOR	00	8	30	1	0	1	1	5		30	40		21		35	13	0	dr		
ASWAN	01	9	00	0	1	3	1	5.9	-1.1	30.4	40	-1	26	0	36	13	0	dr		
SIWA	00	7	28	2	0	0	-	10.7	-1.0	24.7	36	-2	20	-1	72	19	0	23	8	OASES
BAHARIYA	01	8	32	2	1	3	5	9.1	-1.0	25.0	35	-2	19	-1	61	17	0	18	7	
FARAFRA																	0	-		
DAKHLA	00	8	00	0	0	0	-	6.8	-1.8	29.4	38	-1	22	-1	34	11	0	dr		
KHARGA	00	9	02	1	0	0	-	6.8	-1.3	29.8	38	-2	22	-1	36	13	0	0		
SUEZ	01	7	00	0	1	5	8	6.0	-2.2	25.8	35	-1	22	-1	65	19	0	-	17	RED SEA
TOR	00	8	28	3	0	0	-			28.0	34	0	26	+1	47	16	0	0	13	
HURGHADA	00	9	29	5	0	k		4		29	31		25		52	18	0	1	3	
QUSEIR	00	8	32	2	0	0	-	4.3	-1.9	30.2	34	0	24	-3	46	17	0	0	4	
PORT SUDAN																	0	291	102	
WADI HALFA																	0	k		NORTH SUDAN
KAREIMA																	0	k	12	
ATBARA																	0	2	30	
KHARTUM																	0	33	77	
KASSALA																	0	36	162	
WAD MEDANI																	0	245	214	CENTRAL SUDAN
RENK																	0		311	
ROSEIRES																	0	408	461	
EL OBEID																	0	277	186	
EL FASHER																	0	74	158	
GENEINA																	0		286	
MALAKAL																	0	505	534	SOUTH SUDAN
WAU																	0	574	757	
JUBA																	0	653	746	

HUMIDITY

Mean of day

Station	on 4th	Diff. from normal
Alexandria	67	-7
Ezbekiya	61	+1
Giza	56	-5
Helwan	54	+4

GIZA GRASS MINIMUM TEMP. ON 5th 16.3

Remarks

UPPER AIR OBSERVATIONS on 4th

DD Direction of wind in degrees East of North VV Velocity in knots.

ALMAZA AEROPLANE ASCENT ON 4th at 18

Height feet	Pressure mbs	Dry °C	Wet °C
Surface	992	27	22
500	967	28	19
1000	956	26	18
1250	950	26	18
2700	900	22	17
4300	850	19	13
5950	800	15	6
7400	750	13	3
9200	700	12	2
11200	650	11	1
12800	600	9	0
15200	550	6	-2
17800	500	-5	-4
20200	450	-6	-6

FAROUK AIRPORT RAWINSONDE ON 5 at 03

Pressure mbs	Height feet	Temp °C	Humidity	Wind DD	Wind VV
Surface					
1000					
950					
900	3180	19	55	10	14
850	4790	20	-	300	51
800	6490	16		50	53
700	10160	12	-	30	90
600	14340	7	-	260	8
500	19190	1	-	250	15
400					
300	32010	-25	-	240	21
250					
200					
150					
100					

Height m	P. SAID (14 30) DD	P. SAID VV	MATRUH (14) DD	MATRUH VV
200	330	12	320	15
500	300	23	330	16
1000	320	26	320	16
1500	300	14	300	13
2000	220	5	320	17
3000			330	8
4000			340	17
5000				
6000				
7000				
8000				

UPPER AIR OBSERVATIONS on 5th

DD Direction of wind in degrees East of North VV Velocity in knots.

Height m	SIDI BARANI DD	VV	MATRUH (4) DD	VV	FOUAD AIRPORT DD	VV	PORT SAID (3 15) DD	VV	FAROUK AIRPORT (03) DD	VV	ALMAZA DD	VV	HELWAN DD	VV	MINYA DD	VV	ASYUT DD	VV	LUXOR (5 45) DD	VV	ASWAN DD	VV	SIWA (4 45) DD	VV
200			310	16			270	7	340	4									320	5			20	7
500			310				320	3	360	10									340	10			360	10
1000			20	23					10	11									340	18			360	11
1500			360	27					40	12									360	14			360	14
2000			40	17					50	12													20	16
3000			40	12					30	9													10	23
4000			10	29																			360	22
5000			10	22																			10	16
6000									260	13													360	7
7000																								
8000																								

Height m	BAHARIYA DD	VV	DAKHLA (5) DD	VV	KHARGA (4) DD	VV	HURGHADA (8 15) DD	VV	WADI HALFA DD	VV	ABU HAMAD DD	VV	KAREIMA DD	VV	KHARTUM DD	VV	KASSALA DD	VV	EL OBEID DD	VV	EL FASHER DD	VV	MALAKAL DD	VV
200			20	6	350	7	360	11																
500			20	10	340	10	330	3																
1000			340	14	340	11	270	1																
1500			330	13	330	17	220	-																
2000			340	19	290	14	320	5																
3000							170	8																
4000							170	5																
5000																								
6000																								
7000																								
8000																								

... G.M.T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20 29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50 59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70 79
Showers	80 89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94 96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-	9
Whole gale	75-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

in 5° Scale 01-32 e.g.
08 East 16 South
24 West 32 North
00 is Calm

Printed by the Survey of Egypt 1948 (48-1951)

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on:
THURSDAY 5th August 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of Beaufort scale

▼▼▼▼▼▼ Indicates Cold front
●●●●●●● ,, Warm
●▼●▼●▼● ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 17 G.M.T.
" " Sunset 16 44 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

DAILY WEATHER REPORT

Date : FRIDAY 6th AUGUST, 1948.

Form 91

AREA	INDEX NUMBER	STATION	At 1200 on THURSDAY 5th: PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms	At 1800 on 5th: PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	00	9	28	3	0	1	8	9.4	26.7	78	23	•	01	8	26	3	1	5	9	9.5	24.4	91	23	•
	160	MATRÛH	00	8	30	4	0	•	–	9	30	55	20	0	00	8	28	2	•	•	–	9	25	89	23	•
	134	EL DABA				•								•												
	132	ALEXANDRIA	01	9	32	3	2	5	4	7.2	28.2	69	22	•	00	5	32	3	•	•	–	7.9	25.2	79	21	•
	150	FOUAD (Airport)	00	7	30	3	•	2	6	6.9	28	66	21	0	00	7	30	2	•	•	–	7.6	25	79	21	•
	159	DAMIETTA	00	8	28	3	1	•	–	6.3	29.0	74	24	0	00	6	28	2	1	1	8	6.8	25.2	77	21	•
	161	PORT SAÏD	00	8	01	2	•	•	–	6	29	70	23	•	00	7	32	3	•	•	–	6	27	84	24	•
	135	EL ARISH	00	9	32	4	0	0	–	6.6	28.4	76	19	0	00	9	02	2	0	0	–	6.6	24.8	87	22	•
LOWER EGYPT	136	DAMANHUR	00	7	04	4	1	0	–	7.4	30.8	55	21	0	00	7	04	3	0	0	–	8.7	24.4	68	18	•
	137	MANSURA	00	8	28	2	1	0	–	6.3	33.5	53	22	0	00	6	32	2	0	0	–	7.0	26.6	80	23	0
	138	TANTA	01	8	24	3	1	5	8	6.6	32.2	39	13	0	01	8	24	1	1	3	8	8.0	26.0	76	21	0
	139	ZAGAZIG	00	6	26	2	0	0	–	6.2	32.0	49	20	0	00	6	32	2	0	0	–	7.5	25.9	77	23	0
		SHIBÎN EL KÔM	00	8	28	3	0	0	–		34.4	27	12	0	00	7	28	2	0	0	–		28.0	64	20	0
		ISMAÏLIA	00	8	30	1	0	0	–	5.1	36.0	23	14	0	00	7	02	1	0	0	–	5.9	27.9	64	21	0
CAIRO AREA	928	FAROUK (Airport)												•												
	141	ALMÂZA	00	8	28	2	0	0	–	5.3	32.8	09	21	•	00	7	02	3	0	0	–	5.7	29.0	62	22	0
		EZBEKÎYA	00	8	28	1	0	0	–	5.5	32.8	40	18	0	00	7	28	1	0	0	–	6.7	28.2	63	20	0
		GÎZA	00	8	28	1	0	0	–	5.9	33.7	37	17	0	00	7	28	1	0	0	–	6.7	29.8	54	20	0
	143	HELWÂN	00	7	28	2	0	0	–	4.7	33.0	32	14	0	00	7	32	H	0	0	–	5.6	30.0	53	19	0
UPPER EGYPT	153	FAIYÛM												•	00	8	02	1	0	0	–	5.0	31.1	44	17	•
		BENI SUEF	00	9	02	1	0	0	–	6.0	34.7	27	18	0	00	9	02	1	0	0	–	5.0	30.1	53	19	0
	162	MINYA	00	8	31	H	0	K	1	5	32	29	12	0	00	7	00	0	0	0	–	4	28	45	15	0
	155	ASYÛT	00	8	32	1	0	0	–	5.9	32.2	26	11	0	00	6	30	1	0	0	–	3.7	30.6	32	12	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	–	4.6	34.3	26	12	0	00	8	00	0	0	0	–	3.2	26.8	52	16	0
	156	QENA	00	9	26	3	0	0	–	4.4	28.2	17	09	0	00	6	26	2	0	0	–	3.8	30.8	32	11	0
	157	LUXOR	00	8	24	3	0	1	1	H	36	24	12	0	00	7	28	2	0	0	–	4	31	18	04	0
	158	ASWÂN	00	7	32	3	0	0	–	4.0	38.6	20	11	0												•
OASES	148	SIWA												•	01	6	24	1	1	7	H	8.2	32.0	55	22	•
	149	BAHARÎYA	01	8	32	1	1	3	5	7.0	34.0	21	14	0	00	7	28	2	1	0	–	6.8	32.0	36	15	0
		FARAFRA	01	8	30	1	1	3	3	6.4	35.3	32	16	0	00	7	32	1	0	0	–	6.8	30.0	36	13	0
	152	DAKHLA	00	7	30	2	0	0	–		35.4	20	09	•	00	8	28	1	0	0	–	5.5	32.7	25	10	•
	151	KHARGA	00	9	00	0	0	0	–	6.6	35.6	21	10	•	00	7	00	0	0	0	–	6.2	31.6	25	09	•
RED SEA	144	SUEZ	00	8	00	0	0	0	–		32.7	29	12	•	00	5	32	2	0	0	–	3.8	29.3	42	15	•
	145	TÛR	00	8	28	5	0	0	–		30.6	55	20	•	00	8	28	1	0	0	–		30.2	38	14	•
	163	HURGHÂDA	00	9	02	3	0	K	1	3	30	66	23	•	00	9	29	2	0	0	–	3	30	66	23	•
	147	QUSEIR	00	7	02	2	0	0	–	3.4	30.4	72	24	•	00	8	02	1	0	0	–	3.4	29.4	75	24	•
	208	PORT SÛDÂN												•												•
NORTH SÛDÂN	165	WADI HALFA												•												•
	166	KAREIMA												•												•
	167	ATBARA												•												•
	209	KHARTÛM												•												•
	170	KASSALA												•												•
CENTRAL SÛDÂN	171	WAD MEDANI												•												•
	182	RENK												•												•
	172	ROSEIRES												•												•
	174	EL OBEID												•												•
	175	EL FÂSHER												•												•
	179	GENEINA												•												•
S SÛDÂN	176	MALAKÂL												•												•
	177	WÂU												•												•
	178	JUBA												•												•

AREA	INDEX NUMBER	STATION	At 0600 on FRIDAY 6th: PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE MAXIMUM Yesterday TxTx	TEMPERATURE MAXIMUM Diff. from norm.	TEMPERATURE MINIMUM Today TnTn	TEMPERATURE MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1	STATION	AREA
			ww	V	DD	F	W		C	PPP		TT	TxTx		TnTn		UU						
MEDITERRANEAN																						SÎDI BARÂNI	MEDITERRANEAN
			01	7	28	3	1	5	6	9		25			20		84	22	0			MATRÛH	
																			0	117		EL DABA	
			00	9	32	2	•	•	–	8.0	-1.7	26.6	28	-2	23	0	72	20	0	209	186	ALEXANDRIA	
			00	7	29	1	0	•	–	7.5		27	29		24		62	19	0	213	138	FOUAD (Airport)	
			00	6	28	2	1	•	–	6.8	-1.8	26.7	31		21		82	24	0	85	106	DAMIETTA	
			01	7	32	1	1	5	6	7		27	30		25		79	23	0	56	81	PORT SAÏD	
			01	9	02	2	1	3	8	6.8	-2.0	27.6					71	21	•		94	EL ARISH	
LOWER EGYPT			00	6	04	2	•	0	–	7.8	-1.5	26.3	31	-2	20	•	77	21	0	105	101	DAMANHÛR	LOWER EGYPT
			01	7	32	1	1	3	4	7.1	-1.8	26.5	35		21	•	79	22	0	73	55	MANSÛRA	
			00	8	24	2	•	•	–	8.2	-1.4	25.6	34	-1	18	-2	76	21	0	36	44	TANTA	
			00	6	32	2	•	0	–	7.6	-1.7	29.0	35	•	20	•	66	22	•	36	27	ZAGAZIG	
			00	7	28	2	•	0	–	7.4	-1.9	27.0	36		21		68	21	•	34		SHIBÎN EL KÔM	
			02	7	28	1	2	8	6	6.7		27.4	36		22		75	22	•	21		ISMAÏLIA	
CAIRO AREA																			0			FAROUK (Airport)	CAIRO AREA
			00	7	32	1	1	1	6	7.5	-1.6	24.5	35		19		78	20	•	25		ALMÂZA	
			00	7	30	1	0	4	8	7.8	-1.3	25.4	34	-1	23	+1	79	22	0	32	26	EZBEKÎYA	
			00	7	30	1	0	4	8	7.4	-1.6	25.4	34	-1	22	+2	73	20	0	31	27	GÎZA	
			00	7	30	1	0	0	–	7.0	-2.1	24.7	34	-1	22	+1	70	19	0	19	29	HELWÂN	
UPPER EGYPT			00	8	32	1	0	0	–	6.7	-2.7	25.1	37	+1	22	+1	69	19	0	11	8	FAIYÛM	UPPER EGYPT
			00	9	30	1	0	0	–	6.8		27.7	36		22		67	20	0	11		BENI SUEF	
			00	7	01	H	0	0	–	6		26	36		23		70	20	0	12		MINYA	
			00	7	26	1	0	0	–	6.6	-1.8	26.0	35	-2	22	-1	64	19	0	dr	4	ASYÛT	
			00	8	00	0	0	0	–	5.H	-1.7	28.4	35		18		51	18	0	0		NAG' HAMMÂDI	
			00	8	32	2	0	0	–	5.0	-2.0	28.0	39	-1	23	-1	39	13	0	5		QENA	
			00	8	30	1	0	0	–	5		30	38		23		31	11	0	dr		LUXOR	
			00	9	32	1	0	0	–	5.9	-1.1	29.6	39	-2	25	-1	37	14	0	dr		ASWÂN	
OASES			00	7	32	1	0	0	–	10.0	-1.8	26.8	34	-1	20	-1	80	23	0	23	8	SIWA	OASES
			00	8	02	1	0	0	–	8.2	-1.9	24.6	36	-1	20	•	63	18	0	18	7	BAHARIYA	
			00	8	32	1	0	0	–	8.4		26.4	37		20		42	12	•	–		FARAFRA	
			00	8	24	1	0	0	–	6.7	-2.0	28.6	37	-2	21	-2	30	10	0	dr		DAKHLA	
			00	9	00	0	0	0	–	6.3	-1.8	28.0	37	-3	21	-2	26	11	0	•		KHARGA	
RED SEA			01	8	30	1	1	5	8	5.8	-2.5	26.6	36	•	22	-1	72	21	0	–	17	SUEZ	RED SEA
			00	8	00	0	0	0	–			29.0	32	-2	22	-3	65	22	0	•	13	TOR	
			00	9	30	4	0	0	–	4		28	30		22		55	18	0	1	3	HURGHADA	
			00	8	30	1	0	0	–	3.6	-2.6	32.0	32	-2	24	-3	33	14	0	•	H	QUSEIR	
			01	8	10	1	1	5	4,2	H		35			29		30	15	0	29.1	10.2	PORT SUDAN	
NORTH SÛDÂN			02	8	00	0	1	9	2	7		29			24		37	02	0	tr	.	WÂDI HALFA	NORTH SÛDÂN
			00	8	00	0	1	2	1	5									0	tr	13	KAREIMA	
																			0	2	32	ATBARA	
																			0	32	80	KHARTÛM	
			02	8	18	3	9	10	6			23			22		94	22	36	72	166	KASSALA	
CENTRAL SÛDÂN			02	7	18	3	6	10	5	10									R	245	220	WAD MEDANI	CENTRAL SÛDÂN
																			0		315	RENK	
																			0	442	467	ROSEIRES	
			25	8	20	H	6	10	4	9		20			19		88	18	3	380	190	EL OBEID	
			01	8	12	2	8	5	8,H			23			21				8	77	163	EL FÂSHER	
			01	8	14	2	1	5	4			21			18		83	18	10		294	GENEINA	
S SÛDÂN			01	8	16	1	1	5	4	11		23			21		84	20	0	505	541	MALAKAL	S SÛDÂN
			02	8	04	1	6	10	4,5	13		21			21		95	21	5	658	750	WÂU	
																						JUBA	

HUMIDITY

Mean of day

STATION	on 5th	Diff from normal
Alexandria	74	0
Ezbekiya	62	+2
Giza	59	-3
Helwân	57	+7

GIZA
GRASS MINIMUM TEMP
ON 6th 21.1°C

Remarks

UPPER AIR OBSERVATIONS on 5th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT — ON 5th AT 15 30

HEIGHT FEET	PRESSURE	DRY °C	WET °C
SURFACE	996	31	23
500	986	30	21
1000	950	28	20
1500	900	24	17
2000	850	22	11
3000	800	18	8
4000	750	13	5
5000	700	11	1
6000	650	9	1
7000	600	7	-3
8000	550	H	-1
9000	500	-1	-3
10000	450	-4	-5
11000			
12000			
13000			
14000			
15000			
16000			
17000			
18000			
19000			
20000			

FAROUK AIRPORT — RAWINSONDE — ON 6th AT 03

PRESSURE mbs	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE					
1000					
950					
900	3200	24	25	30	20
850	4840	21	25	50	20
800	6540	17	25	50	18
700	10210	7	35	140	7
600	14380	5	–	30	3
500	19200	-2	–	250	13
400					
300					
250					
200					
150					
100					

STATION	MATRUH		F. AIR. PORT		P. SAID					
TIME	1H		15		1H					
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	340	16	330	14	320	11				
500	10	18	340	16	320	12				
1000	250	21	340	20	350	8				
1500	320	16	60	20	30	9				
2000	300	18			30	11				
3000	240	4			50	23				
4000					40	18				
5000										
6000										
7000										
8000										

STATION										
TIME										
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200										
500										
1000										
1500										
2000										
3000										
4000										
5000										
6000										
7000										
8000										

UPPER AIR OBSERVATIONS on 6th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		SUEZ AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			N		3	30	3	30											5	30			4	45
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			300	12	340	9	360	7											260	5			360	11
500			310	13	330	10	20	6											320	3			30	8
1000			320	16	340	5	30	11											300	4			50	6
1500					350	3													330	9			360	7
2000					340	14																	310	16
3000																							310	25
4000																								
5000																								
6000																								
7000																								
8000																								

STATION	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME							10																	
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200							40	4																
500							320	16																
1000							40	9																
1500							300	21																
2000							330	25																
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K P H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on: FRIDAY 6th August 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of Beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

SCALE 1 15,000,000

CAIRO
Time of Sunrise 03 17 G.M.T.
" " Sunset 16 44 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

DAILY WEATHER REPORT

Date: SATURDAY 7th AUGUST, 1948.

Form 91

AREA	INDEX NUMBER	STATION	At 1200 on FRIDAY 6th: PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms	At 1800 on 6th: PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	01	9	28	4	0	3	8	9.1	26.9	77	22	0	01	8	28	3	1	7	8	9.4	24.7	87	22	0
	160	MATRÛH	00	8	30	4	0	0	-	9	29	62	21	0	00	7	28	2	0	0	-	9	25	94	24	0
	134	EL DABA	00	7	28	2	0	0	-		28.2	68	21	0	00	7	00	0	0	0	-		27.1	70	22	0
	132	ALEXANDRIA	00	9	32	3	0	0	-	7.8	28.2	61	20	0	00	6	32	2	0	0	-	8.2	25.8	68	17	0
	150	FOUAD (Airport)	00	7	28	3	0	0	-	6.3	29	66	22	0	00	7	00	0	0	0	-	7.9	25	80	20	0
	159	DAMIETTA	00	8	28	3	0	0	-	6.3	29.0	74	24	0	00	6	28	1	0	0	-	7.1	25.1	92	24	0
	161	PORT SAÏD	00	8	30	3	0	0	-	7	28	79	24	0	00	7	31	3	0	0	-	7	27	79	23	0
	135	EL 'ARISH	00	9	30	4	0	0	-	6.0	28.9	69	23	0	01		30	3	1	5	8	7.0	26.8	78	23	0
LOWER EGYPT	136	DAMANHUR	00	7	32	3	0	0	-	8.4	29.8	56	19	0	00	7	04	2	0	0	-	7.9	24.2	83	21	0
	137	MANSURA	00	8	30	1	0	0	-	6.6	34.8	37	17	0	00	6	32	1	0	0	-	7.5	26.6	67	20	0
	138	TANTA	00	8	00	0	0	0	-	7.2	32.6	33	15	0	00	8	00	0	0	0	-	8.3	26.3	80	22	0
	139	ZAGAZIG	00	6	32	2	0	0	-	6.0	34.2	45	20	0	00	6	24	2	0	0	-	7.4	27.7	71	22	0
		SHIBÎN EL KÔM	00	8	30	3	0	0	-		34.8	41	19	0	00	7	20	2	0	0	-		25.8	63	17	0
		ISMAÏLÎA	00	7	30	1	0	0	-	5.4	31.1	48	24	0	00	7	32	1	0	0	-	6.4	28.2	71	22	0
CAIRO AREA	928	FAROUK(Airport)	00	7	02	3	0	0	-	5	35	42	26	0	00	7	02	4	0	0	-	7	30	46	17	0
	141	ALMÂZA	00	8	32	2	0	0	-	5.3	32.8	49	21	0	00	8	02	3	0	0	-	5.7	30.0	62	22	0
		EZBEKÎYA	00	8	32	2	0	0	-	6.2	34.5	41	19	0	00	7	30	1	0	0	-	7.4	28.8	54	19	0
		GÎZA	00	8	32	2	0	0	-	6.2	31.4	34	13	0	00	7	30	1	0	0	-	7.1	28.9	53	18	0
	143	HELWÂN	00	7	28	4	0	0	-	5.3	34.6	22	11	0	00	7	30	4	0	0	-	6.3	30.8	40	16	0
UPPER EGYPT	153	FAIYÛM	00	8	30	1	0	0	-	5.1	35.8	18	09	0	00	8	32	2	0	0	-	5.2	31.6	35	14	0
		BENI SUEF	00	7	02	1	0	0	-	4.6	36.4	29	15	0	00	7	02	1	0	0	-	5.0	31.6	39	16	0
	162	MINYA	00	8	01	4	0	0	-	4	36	29	15	0	00	7	32	3	0	0	-	5	29	40	14	0
	155	ASYÛT	00	8	28	1	0	0	-	3.7	35.6	29	14	0	00	6	22	1	0	0	-	4.7	30.9	32	13	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	3.6	37.8	23	12	0	00	8	00	0	0	0	-	3.6	32.4	53	16	0
	156	QENA	00	7	24	2	0	0	-	2.6	39.8	23	15	0	00	6	24	1	0	0	-	3.0	31.4	40	16	0
	157	LUXOR	00	8	26	2	0	0	-	3	39	14	07	0	00	7	00	0	0	0	-	4	33	24	10	0
	158	ASWÂN	00	7	00	0	0	0	-	3.6	39.0	21	13	0												
OASES	148	SIWA	00	8	28	2	0	0	-	9.8	36.5	51	24	0	00	6	00	0	0	0	-	9.0	31.5	57	21	0
	149	BAHARÎYA	00	8	32	3	0	0	-	6.6	36.0	23	12	0	00	7	32	3	0	0	-	6.8	32.3	28	11	0
		FARAFRA												0	00	7	32	1	0	0	-	7.2	31.2	21	12	0
	152	DAKHLA	00	9	04	2	0	0	-	4.7	37.6	17	09	0	00	8	28	1	0	0	-	5.4	32.8	24	10	0
	151	KHARGA	00	7	30	1	0	0	-	4.6	36.8	17	08	0	00	7	00	0	0	0	-	4.7	32.1	22	08	0
RED SEA	144	SUEZ	00	8	00	0	0	0	-		34.3	43	28	0	00	5	02	5	0	0	-	5.8	38.9	55	24	0
	145	TÛR	00	8	28	3	0	0	-		31.2	55	21	0	00	8	28	3	0	0	-		30.1	57	21	0
	163	HURGHÂDA	00	9	02	2	0	0	-	4	30	66	22	0	00	7	00	0	0	0	-	4	29	66	22	0
	147	QUSEIR	00	8	02	2	3	0	-	3.8	31.0	71	25	0	00	8	12	2	0	0	-	4.0	29.3	80	25	0
	208	PORT SÛDÂN																								
NORTH SÛDÂN	165	WADI HALFA																								
	166	KAREIMA																								
	167	'ATBARA																								
	209	KHARTÛM																								
	170	KASSALA																								
CENTRAL SÛDÂN	171	WAD MEDANI																								
	182	RENK																								
	172	ROSEIRES																								
	174	EL OBEID																								
	175	EL FÂSHER																								
	179	GENEINA																								
S SÛDÂN	176	MALAKÂL																								
	177	WÂU																								
	178	JUBA																								

AREA	INDEX NUMBER	STATION	At 0600 on SATURDAY 7th: PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE MAXIMUM Yesterday	TEMPERATURE MAXIMUM Diff. from norm.	TEMPERATURE MINIMUM Today	TEMPERATURE MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
			ww	V	DD	F	W		C	PPP		TT	TxTx		TnTn		UU				
MEDITERRANEAN	146	SIDI BARÂNI	02	9	26	4	2	8	9.6	9.6		25	28		24		80	21	0	171	
	160	MATRÛH	01	7	24	4	0	7	6	9		25			20		94	22	0		
	134	EL DABA	00	7	28	1	0	0	-			27.1	30		25		71	21	0	117	
	132	ALEXANDRIA	01	9	28	2	1	3	4	8.4	-1.5	26.4	28	-2	23	0	77	22	0	209	186
	150	FOUAD (Airport)	00	7	26	2	0	0	-	8.0		27	29		24		74	22	0	213	138
	159	DAMIETTA	01	6	20	2	1	3	8	7.4	-1.3	26.1	31		20		89	24	0	85	106
	161	PORT SAÏD	00	7	24	1	0	1	6	7		27	29		24		74	22	0	56	81
	135	EL 'ARISH	02	9	24	3	2	8	8	7.4	-1.4	29.4	30	-1	23	+2	66	22			94
LOWER EGYPT	136	DAMANHUR	00	7	32	3	0	0	-	8.3	-1.0	26.3	31	-2	20	0	78	22	0	105	101
	137	MANSURA	01	7	04	1	1	5	6	7.9	-1.0	24.2	36	+1	20	-1	88	22	0	73	55
	138	TANTA	00	8	00	0	0	0	-	8.4	-1.0	25.0	34	-1	17	-3	80	21	0	26	44
	139	ZAGAZIG	00	6	28	2	0	0	-	7.6	-1.9	26.0	35	0	20	0	69	20	0	26	27
		SHIBÎN EL KÔM	00	7	28	2	0	0	-			25.4	37		20		73	20	0	34	
		ISMAÏLÎA	01	7	24	1	1	5	6	7.8		26.3	37		22		74	21	0	21	
CAIRO AREA	928	FAROUK(Airport)	02	7	32	3	2	8	6	7		24	36		21		74	19	0		
	141	ALMÂZA	01	7	28	1	2	7	6	7.7	-1.5	22.5	35		22		78	18	0	25	
		EZBEKÎYA	02	7	28	1	1	9	6	8.3	-0.9	23.8	36	+1	22	0	80	20	0	32	26
		GÎZA	02	7	28	1	1	9	6	8.3	-0.8	24.7	36	+1	19	-1	75	20	0	31	27
	143	HELWÂN	00	7	00	0	2	2	0	8.0	-1.2	23.6	36	+1	20	-1	78	20	0	19	29
UPPER EGYPT	153	FAIYÛM	00	8	32	1	0	0	-	7.8	-1.6	25.2	37	+1	20	-1	76	20	0	11	8
		BENI SUEF	00	7	02	1	0	0	-	7.8		27.4	37		20		68	20	0	11	
	162	MINYA	00	7	32	4	0	0	-	7		26	38		21		66	19	0	12	
	155	ASYÛT	00	7	22	1	0	0	-	7.1	-1.2	27.3	36	-1	22	-1	68	15	0	04	04
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	6.4	-1.7	28.4	38		20		51	12	0	0	
	156	QENA	00	8	24	2	0	0	-	5.2	-1.8	30.6	40	0	23	+1	32	13	0	2	
	157	LUXOR	00	8	00	0	0	0	-	5		32			24		24	14	0	04	
	158	ASWÂN	00	7	00	0	0	0	-	5.8	-1.2	32.0	40	-1	26	0	33	14	0	04	
OASES	148	SIWA	00	7	00	0	0	0	-	10.2	-1.6	34.5	38	0	21	0	76	19	0	23	8
	149	BAHARÎYA	00	8	32	1	0	0	-	8.4	-1.8	28.2	37	0	20	0	47	16	0	18	7
		FARAFRA	00	8	00	0	0	0	-	8.7		29.8	38		21		42	16	0	-	
	152	DAKHLA	00	8	28	1	0	0	-	7.6	-1.6	30.0	38	-1	24	+1	38	25	0	04	
	151	KHARGA	00	7	00	0	0	0	-	6.4	-1.8	32.0	38	-2	26	+3	49	20	0	0	
RED SEA	144	SUEZ	00	8	32	2	0	0	-	7.2	-1.1	26.1	38	+2	21	-2	76	20	0	-	17
	145	TÛR	00	8	28	1	0	0	-			28.4	34	0	24	-1	68	21	0	1	13
	163	HURGHÂDA	00	9	30	3	0	0	-	6		29	31		26		52	18	0	1	3
	147	QUSEIR	00	8	30	2	0	0	-	4.7	-1.5	31.7	33	-1	25	-2	47	19	0	0	4
	208	PORT SUDAN	01	7	22	2	0	3	4	5		36					35	18	0	291	102
NORTH SÛDÂN	165	WADI HALFA	00	8	00	0	0	0	-	7		29							0	tr	
	166	KAREIMA	00	8	04	1	1	8	1	7		32					28	11	0	tr	13
	167	'ATBARA	00	7	20	3	1	0	-	7		30					12	22	0	2	33
	209	KHARTÛM	00	8	14	3	1	1	4	8		29					11	21	0	33	33
	170	KASSALA	02	8	16	2	1	9	4			26					79	22	0	72	170
CENTRAL SÛDÂN	171	WAD MEDANI	02	9	20	3	1	10	8	1									0	205	226
	182	RENK																	0		320
	172	ROSEIRES																	0	408	474
	174	EL OBEID	05	8	20	2	1	8	6.4	9		24							0	280	194
	175	EL FÂSHER	02	8															0	77	167
	179	GENEINA	02	8	04	1	1	9	04			21					95	20	0		301
S SÛDÂN	176	MALAKÂL																	0	505	547
	177	WÂU																	0	431	771
	178	JUBA																	0	458	754

HUMIDITY

Mean of day

STATION	on 6th	Diff. from normal
Alexandria	68	-6
Ezbekiya	58	-2
Giza	58	-4
Helwân	52	+2

GIZA
GRASS MINIMUM TEMP
ON 7th 15.5 °C

Remarks

UPPER AIR OBSERVATIONS on 6th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT — ON 6th AT 15 30

HEIGHT FEET	PRESSURE mbs	DRY °C	WET °C
SURFACE	996	32	24
500	963	31	22
1000	930	30	21
1500	900	25	18
2000	850	22	12
3000	800	18	8
4000	750	13	6
5000	700	8	3
6000	650	10	0
7000	600	7	-2
8000	550	3	-2
9000	500	-1	-3
10000	450	-4	-5
20000			

FAROUK AIRPORT — RAWINSONDE — ON 7th AT 03

PRESSURE mbs	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE					
1000					
950					
900	3240	25	15	18	7
850	4870	22	25	50	7
800	6580	17	25	330	8
700	10260	12	-	340	
600	14450	8	-	20	6
500	19300	-1	-	240	13
400					
300	32110	-25	-	270	4
250					
200	37380	-45	-	160	15
150					
100	45340	-56	-	110	11

STATION	MATRUH		FOUAD A.P		P. SAID	
TIME	14		15		14 30	
HEIGHT m	DD	VV	DD	VV	DD	VV
200	320	10	330	15	50	14
500	320	16	340	14	60	13
1000	320	10	340	16	50	17
1500	310	12	350	19	60	20
2000	340	11			80	13
3000	340	8			130	13
4000	320	10				
5000						
6000						
7000						
8000						

STATION		
TIME		
HEIGHT m	DD	VV
200		
500		
1000		
1500		
2000		
3000		
4000		
5000		
6000		
7000		
8000		

UPPER AIR OBSERVATIONS on 7th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME							14		03										6 15				14 45	
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200							20	5	360	7									190	11			10	13
500							70	9	360	9									300	2			50	13
1000							40	5	360	6									320	1			30	13
1500							360	2	50	6									330	2			330	14
2000									280	10									20	8			320	24
3000									320	9													350	24
4000																							340	13
5000									320	3														
6000									240	16														
7000																								
8000									210	11														

STATION	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME			5				8										4				5			
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			360	5	360	10	330	3																
500			40	11	360	24	320	7									190	11						
1000			10	18	340	16	330	3									200	12			240	2		
1500			350	20	320	18	320	2									200	13			250	5		
2000			320	15			320	5									340	5			310	8		
3000			310	16			330	7																
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

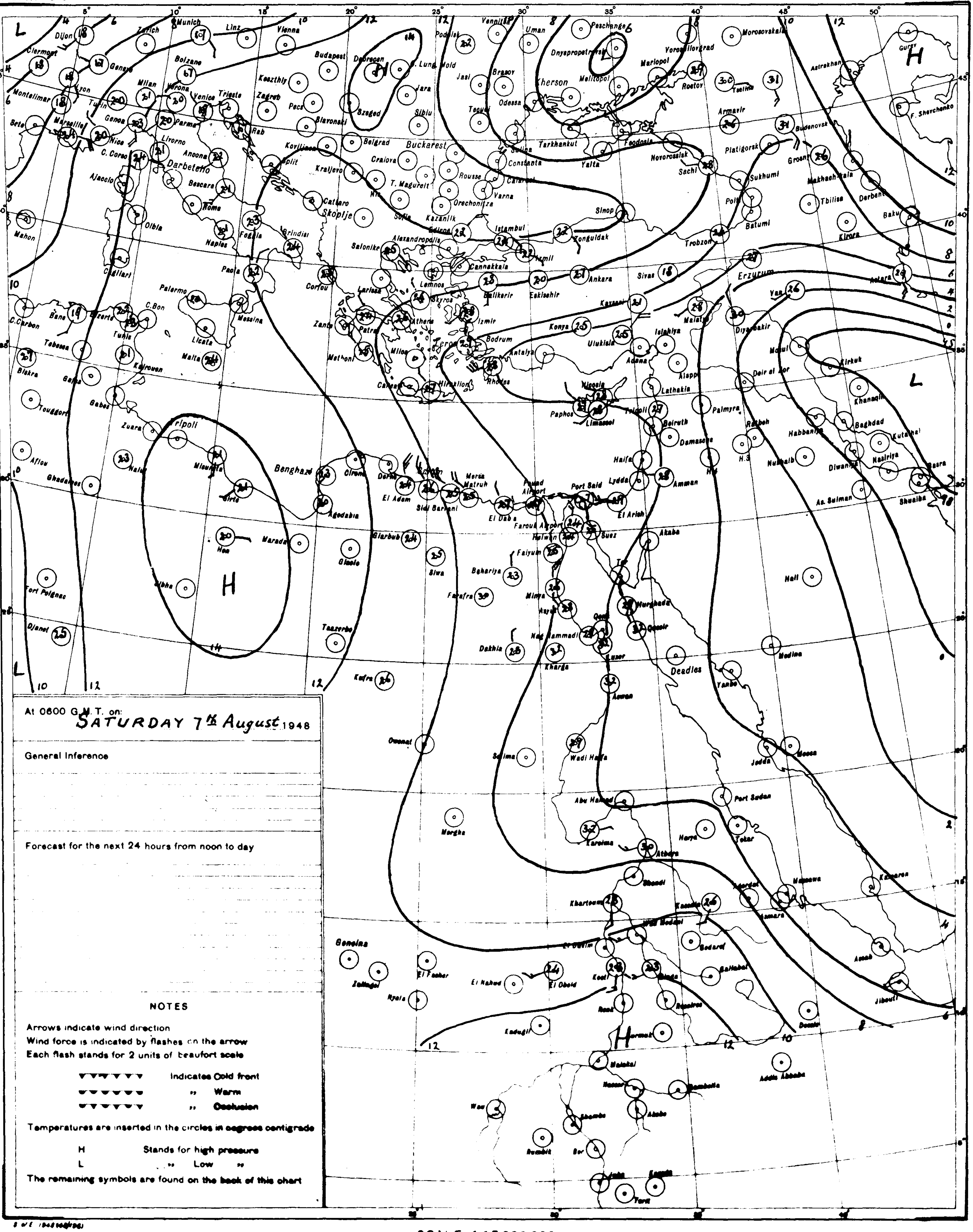
	KPH	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g.
08 = East, 16 = South
24 = West, 32 = North.
00 is Calm.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: SATURDAY 7th August 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction

Wind force is indicated by flashes on the arrow

Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼	Indicates	Cold front
▼▼▼▼▼▼	,,	Warm
▼▼▼▼▼▼	,,	Occlusion

Temperatures are inserted in the circles in degrees centigrade

H	Stands for high pressure
L	,, Low ,,

The remaining symbols are found on the back of this chart

S.W.E. 1948

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 18 G.M.T.
" " Sunset 16 43 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

MAR 8 1949 WEATHER BUREAU

DAILY WEATHER REPORT

Date: SUNDAY 8 th AUGUST, 1948.

At 1200 on SATURDAY 7th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
Mediterranean	146	SÎDI BARÂNI												0
	160	MATRÛḤ												-
	134	EL DABA												0
	132	ALEXANDRIA	00	9	28	3	0	0	-	7.9	28.0	68	22	0
	150	FOUAD (Airport)	00	7	27	2	0	0	-	7.5	29	66	22	0
	159	DAMIETTA	00	8	28	3	1	0	-	6.7	29.9	64	23	0
	161	PORT SAʿÎD	00	8	31	3	0	0	-	7	29	66	22	0
	135	EL ʿARISH	00	9	30	5	0	0	-	6.4	29.6	65	23	0
Lower Egypt	136	DAMANHUR	00	7	28	3	0	0	-	8.3	32.2	54	21	0
	137	MANṢURA	00	8	30	2	1	0	-	6.7	34.2	39	18	0
	138	ṬANṬA	00	8	20	2	0	0	-	7.2	34.0	33	15	0
	139	ZAGAZIG	00	8	32	3	0	0	-	6.2	34.0	53	23	0
		SHIBÎN EL KÔM	00	8	30	3	0	0	-		35.4	33	16 ?	0
		ISMAʿILÎA	00	8	30	1	0	0	-	5.8	36.4	51	24 ?	0
Cairo Area	928	FAROUK (Airport)	00	8	28	2	0	0	-		34	24	12	0
	141	ALMÂZA	00	8	30	2	0	0	-	5.8	33.9	33	15	0
		EZBEKÎYA	00	8	32	2	0	0	-	6.6	34.0	32	15	0
		GÎZA	00	8	32	2	0	0	-	6.7	34.6	27	13	0
	143	ḤELWÂN	00	7	28	2	0	0	-	5.6	34.8	21	09	0
Upper Egypt	153	FAIYÛM	00	8	32	1	0	0	-	5.6	34.3	24	10	0
		BENI SUEF	00	9	02	1	0	0	-	6.7	37.8	23	13	0
	162	MINYA	00	8	01	3	0	0	-	6	36	27	14	0
	155	AṢYÛṬ	00	8	20	1	0	0	-	5.8	36.8	19	10	0
	164	NAGʿ ḤAMMÂDI	00	8	24	1	0	0	-	1.9	38.6	23	16	0
	156	QENA	00	9	16	1	0	0	-	2.7	41.8	20	15	0
	157	LUXOR	00	8	24	1	0	0	-	4	40	16	10	0
	158	ASWÂN	00	9	00	0	0	0	-	3.5	40.0	18	12	0
Oases	146	SIWA	00	8	28	3	0	0	-	9.2	37.2	47	24	0
	149	BAḤARÎYA	00	8	32	1	0	0	-	6.8	36.6	25	13	0
		FARAFRA												-
	152	DAKHLA	00	9	28	2	0	0	-	5.5	38.4	08	-2	0
	151	KHARGA	00	9	00	0	0	0	-	3.4	38.0	13	04	0
Red Sea	144	SUEZ	00	8	00	0	0	0	-		36.4	36	18	0
	145	TÔR	00	8	28	3	0	0	-		32.2	52	20	0
	163	HURGHÂDA	00	9	02	2	0	0	-	4	30	70	24	0
	147	QUSEIR	00	8	04	2	0	0	-	5.1	31.2	70	25	0
	208	PORT SÛDÂN												0
North Sûdân	165	WADI HALFA	00	8	24	2	0	0	-					0
	166	KAREIMA	00	8	04	1	0	0	-	3	40			0
	167	ʿAṬBARA	00	7	20	3	0	2	8,3	3	39	24	15	0
	209	KHARTÛM												0
	170	KASSALA	02	8	16	2	1	10	8,4	7	31	55	21	0
Central Sûdân	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID	02	8	20	4	1	10	8,4	7	30	55	20	0
	175	EL FÂSHER	01	8	16	2	1	3	0		29			0
	179	GENEINA												
S. Sûdân	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 1800 on 7th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SÎDI BARÂNI	02	8	28	4	1	8	8	9.5	24.7	89	23	0
MATRÛḤ												0
EL DABA												0
ALEXANDRIA	00	6	32	1	1	0	-	8.3	25.2	78	21	0
FOUAD (Airport)	00	7	28	2	0	0	-	7.0	25	79	21	0
DAMIETTA	00	6	28	2	1	1	6	7.0	25.0	96	24	0
PORT SAʿÎD	00	7	31	4	0	0	-	7	27	74	22	0
EL ʿARISH	00	9	30	3	0	0	-	6.8	24.9	82	22	0
DAMANHUR	00	7	28	2	0	0	-	7.6	24.8	80	21	0
MANṢURA	00	6	32	2	0	0	-	7.2	26.0	75	21	0
ṬANṬA	00	8	00	0	0	0	-	7.9	26.3	80	22	0
ZAGAZIG	00	6	24	2	0	0	-	7.4	27.0	72	22	0
SHIBÎN EL KÔM	00	7	28	2	0	0	-		26.7	69	21	0
ISMAʿILÎA	00	8	02	1	0	0	-	6.2	28.3	65	21	0
FAROUK (Airport)	00	7	02	4	0	0	-	6	31	38	15	0
ALMÂZA	00	7	02	2	0	0	-	6	31	43	17	0
EZBEKÎYA	00	7	00	0	0	0	-	6.7	29.9	49	18	0
GÎZA	00	7	00	0	0	0	-	7.1	29.1	51	18	0
ḤELWÂN	00	7	30	2	0	0	-	5.9	31.5	31	12	0
FAIYÛM	00	8	00	0	0	0	-	5.4	29.4	37	13	0
BENI SUEF	00	7	02	1	0	0	-	6.2	31.2	39	15	0
MINYA	00	7	00	0	0	0	-	6	28	45	15	0
AṢYÛṬ	00	6	22	1	0	0	-	6.3	29.1	34	12	0
NAGʿ ḤAMMÂDI	00	8	00	0	0	0	-	4.0	29.2	50	17	0
QENA												
LUXOR	00	7	26	2	0	0	-	3	36	15	06	0
ASWÂN	00	9	00	0	0	0	-	4.2	37.0	14	06	0
SIWA	00	6	32	3	4?	0	-	9.0	32.5	60	23	0
BAḤARÎYA	00	7	32	2	0	0	-	7.1	32.0	24	09	0
FARAFRA												0
DAKHLA	00	8	00	0	0	0	-	6.3	34.6	12	01	0
KHARGA	00	7	00	0	0	0	-	5.2	32.6	19	06	0
SUEZ	00	5	00	0	0	0	-	5.3	34.4	43	20	0
TÔR	00	8	28	1	0	0	-		30.0	55	20	0
HURGHÂDA	00	9	00	0	0	0	-	4	29	49	17	0
QUSEIR	00	8	10	1	0	0	-	4.0	29.9	78	26	0

At 0600 on SUNDAY 8th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Maximum Yesterday TxTx	Diff. from norm.	Minimum Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	Area
SÎDI BARÂNI	01	9	26	4	1	5	8	9.4		25.5	28		24		84	22	0	171		Mediterranean
MATRÛḤ	01	8	28	5	0	5	6	9		26			22		84	23	0			
EL DABAʿ																	0	117		
ALEXANDRIA	01	9	24	1	2	5	8	7.1	-2.7	25.4	28	-3	25	+1	78	21	0	209	186	
FOUAD (Airport)	00	7	00	0	1	2	6	6.8		26	29		23		74	21	0	213	138	
DAMIETTA	04	6	20	2	4	3	6	7.1	-1.6	24.8	31		20		87	23	0	85	106	
PORT SAʿID	01	7	26	2	0	3	6	7		25	30		24		84	22	0	56	81	
EL ʿARISH	00	9	14	3	0	0	-	6.8	-2.0	28.6	31	0	21	0	62	21	0		94	
DAMANHÛR	01	6	28	3	1	3	3	8.8	-0.6	26.4	33	0	20	0	75	21	0	105	101	Lower Egypt
MANṢÛRA	01	7	18	2	1	3	4	7.1	-1.9	26.5	36	+1	20	-1	66	19	0	73	55	
ṬANṬA	00	8	00	0	0	0	-	7.9	-1.7	25.0	35	0	18	-2	81	21	0	26	44	
ZAGAZIG	00	6	24	2	0	0	-	8.8	-0.8	28.1	36	+1	20	0	70	22	0	36	27	
SHIBÎN EL KÔM	01	7	03	2	1	3	8			26.1	36		22		68	20	0	34		
ISMAÎLÎA	00	6	26	1	0	0	-	7.0		25.3	38		22		76	20	0	31		
FAROUK (Airport)	01	7	26	2	2	5		7		24					61	16	0			Cairo Area
ALMÂZA	01	7	00	0	0	3	6	7		24	36		21		79	19	0	35		
EZBEKÎYA	01	7	28	1	1	6	8	7.8	-1.4	25.9	35	0	22	0	70	20	0	32	26	
GÎZA	01	7	28	1	1	6	8	7.9	-1.3	24.9	36	+1	19	-1	77	20	0	31	27	
ḤELWÂN	00	7	30	2	0	0	-	7.5	-1.7	23.3	36	0	21	0	78	19	0	19	29	
FAIYÛM	00	8	32	1	0	0	-	7.0	-2.5	26.0	37	+1	22	+1	69	20	0	11	8	Upper Egypt
BENI SUEF	00	9	02	1	0	0	-	7.5		27.9	38		20		63	20	0	11		
MINYA	00	7	00	0	0	0	-	7		27	37		18		70	21	0	12		
AṢYÛṬ	00	7	22	1	0	0	-	7.6	-0.9	27.8	38	+1	21	-2	58	19	0	dr	4	
NAGʿ ḤAMMÂDI	00	8	00	0	0	0	-	6.3	-0.9	28.8	39		20		46	15	0	0		
QENA	00	8	24	2	0	0	-	5.5	-1.6	30.0	43	+3	24	0	36	13	0	5		
LUXOR	00	8	00	0	0	0	-	5		33	42		25		26	11	0	dr		
ASWÂN	00	9	00	0	0	0	-	5.9	-1.1	31.6	42	+1	27	+1	30	11	0	dr		
SIWA	00	7	28	3	0	0	-	10.2	-1.6	24.2	38	0	20	0	69	18	0	23	8	Oases
BAHARIYA	00	8	32	1	0	0	-	8.0	-2.2	26.5	38	+1	20	0	63	18	0	18	7	
FARAFRA	00	7	04	1	0	0	-	8.0		28.2	39		19		34	11	0			
DAKHLA	00	8	24	1	0	0	-	7.1	-1.7	30.3	40	+1	23	0	21	05	0	dr		
KHARGA	00	9	00	0	0	0	-	6.3	-1.9	29.1	39	-1	22	-1	24	07	0			
SUEZ	00	8	32	1	0	0	-	6.5	-2.9	26.3	39	+3	22	-1	73	21	0	-	17	Red Sea
TOR	00	8	28	1	0	0	-			30.0	38 ?	+4	22	-3	57	21	0	0	13	
HURGHADA	00	9	30	4	0	0	-	5		29	32		27		62	21	0	1	3	
QUSEIR	00	8	32	3	0	0	-	4.8	-1.4	31.3	34	0	27	0	58	22	0	0	4	
PORT SUDAN	00	8	08	1	1	0	-	5		34			28		36	17	0	291	102	
WÂDI HALFA	00	8	30	1	0	0	-	6		29			24				0	tr		North Sûdân
KAREIMA	00	8	00	0	1	0	-	5		32			22		41	17	0	tr	14	
ʿATBARA	02	8	20	3	1	8	4,2	6		32					52	21	0	2	34	
KHARTÛM																		33	36	
KASSALA	02	8	16	3	1	8	6,4			26					74	21	0	72	175	
WAD MEDANI	02	9	18	3	1	10	5	10		24					84	21	0	245	232	Central Sûdân
RENK	01	9	20	2	1	5	2	11		26					84	23	0		324	
ROSEIRES	08	8	14	1	2	3	5	10		22						22	0	448	431	
EL OBEID	02	8	18	3	1	10	4	8		24			23		84	21	tr	280	198	
EL FÂSHER	02	8	12	3	2	8	4			24			22		79	20	0	77	172	
GENEINA																			309	
MALAKAL	02	8	12	1	7	8	4	11		26			22		79	22	dr	515	553	S. Sûdân
WÂU	02	7	00	0	1	9	4	11		23						22	dr	631	778	
JUBA	01	8	14	1	4	3				22			19			21	0	658	759	

HUMIDITY % Mean of day

Station	on 7 th	Diff. from normal
Alexandria	76	+2
Ezbekîya	59	-1
Gîza	58	-4
Helwân	51	+1

GIZA
GRASS MINIMUM TEMP
ON 8 th 16.7°C.

Remarks

UPPER AIR OBSERVATIONS on 7 th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT ON 7 th AT 16 45

Height feet	Pressure mbs.	Dry °C	Wet °C
Surface	995	33	24
500	966	32	21
1000	950	31	20
1500	900	26	17
2000	850	22	14
4000	800	18	9
6000	750	17	6
8000	700	14	3
10000	650	13	1
12000	600	8	-2
14000	550	3	-2
16000	500	-2	-4
18000	450	-4	-6
20000			

FAROUK AIRPORT — RAWINSONDE ON 8 th AT 03

Pressure mbs.	Height feet	Temp °C	Humidity %	Wind DD	Wind VV
Surface					
1000					
950					
900	3200	22	25	300	9
850	4820	19	35	270	6
800	6520	17	-	270	7
700	10220	12	-	350	3
600	14210	6	-	330	4
500	19210	-4	-	260	17
400					
300	31890	-27	-	270	18
250					
200	41090	-46	-	250	4
150					
100					

Station P. SAÎD, Time 14

Height m.	DD	VV
200	40	16
500	10	21
1000	330	8
1500	300	3
2000	250	7
3000		
4000		
5000		
6000		
7000		
8000		

UPPER AIR OBSERVATIONS on 8 th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Height m.	SÎDI BARÂNI DD	VV	MATRÛḤ (8) DD	VV	FOUAD AIRPORT (03) DD	VV	PORT SAÎD (3) DD	VV	FAROUK AIRPORT (03) DD	VV	ALMÂZA DD	VV	HELWÂN DD	VV	MINYA DD	VV	ASYÛT DD	VV	LUXOR (15 30) DD	VV	ASWÂN DD	VV	SIWA (4 45) DD	VV
200			300	26	330	6	250	9	330	3									320	5			30	8
500			330	19	340	5	240	7	240	3									340	17			30	4
1000			350	20	330	7	240	9	300	7									340	13			20	7
1500			350	31	320	11	190	8	290	5									310	13			30	10
2000			20	10			100	9	270	7													340	10
3000			40	9			80	12	360	3													360	12
4000							300	15															360	8
5000							30	3	330	5													30	13
6000							300	9	260	15														
7000							280	7																
8000									250	5														

Height m.	BAHARÎYA DD	VV	DAKHLA (5) DD	VV	KHARGA DD	VV	HURGHADA (8) DD	VV	WÂDI HALFA DD	VV	ABU HAMÂD DD	VV	KAREIMA DD	VV	KHARTÛM DD	VV	KASSALA (4) DD	VV	EL OBEID DD	VV	EL FÂSHER (4 25) DD	VV	MALAKAL (02 45) DD	VV
200			320	9			340	5																
500			360	12			340	7									170	19					150	9
1000			340	19			340	10									180	22			240	4	180	8
1500			320	21			330	10									210	9			130	9	170	7
2000			300	17			320	5									360	8			70	13	200	5
3000							320	5									30	19			90	21	210	6
4000																					110	27	300	4
5000																					100	22		
6000																								
7000																								
8000																								

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K P H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

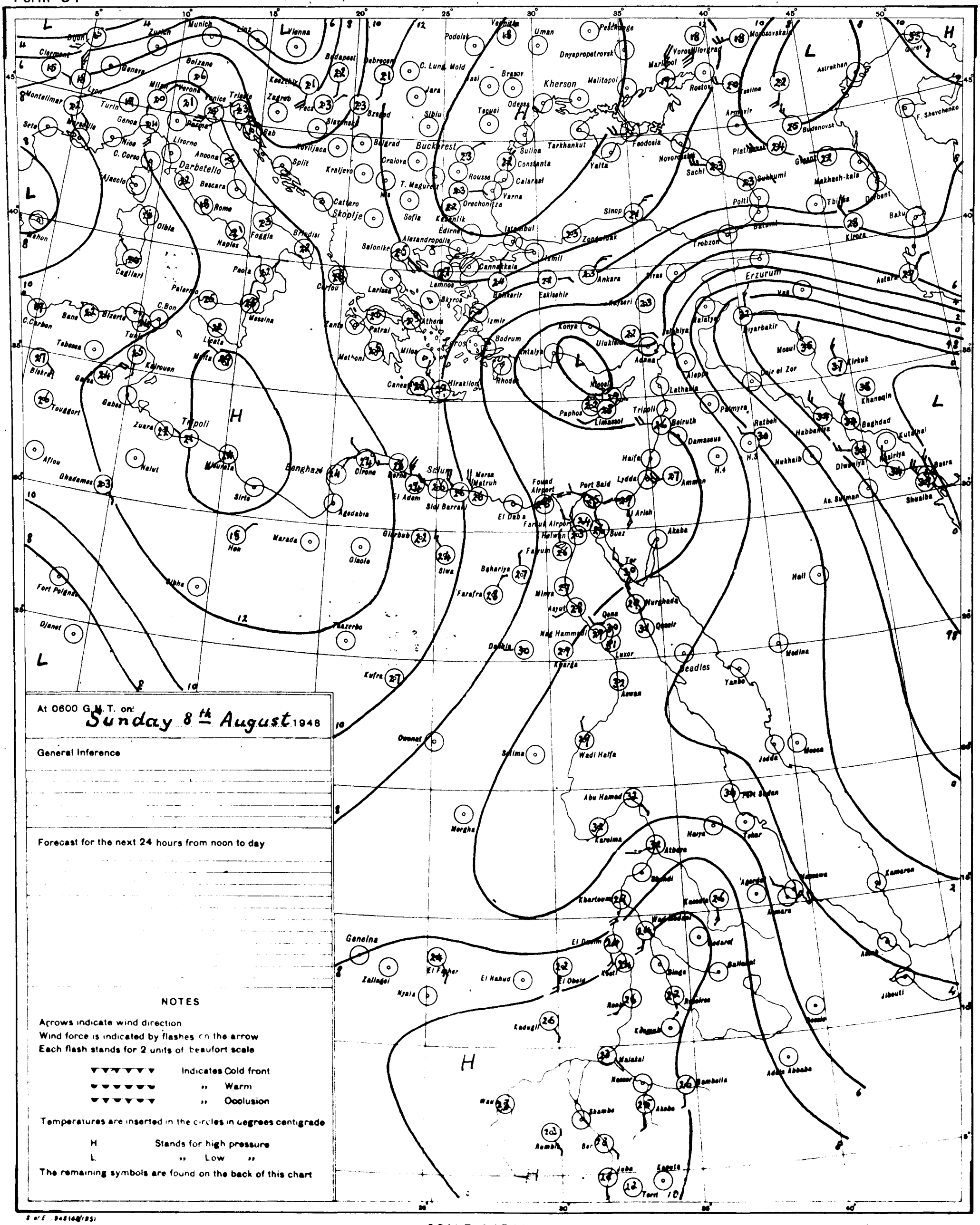
WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Printed by the Survey of Egypt 1948 (48/195)

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: Sunday 8th August 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

SCALE 1 15,000,000

CAIRO

Time of Sunrise 03 18 G.M.T.

" " Sunset 16 42 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: MONDAY 9th AUGUST, 1948.

LIBRARY MAR 8 1949 WEATHER BUREAU

At 1200 on SUNDAY 8th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARANI	14	9	28	5	0	1	8	9.1	26.8	83	23	0
	160	MATRUH												0
	134	EL DABA	00	8	28	3	0	0	-		28.3	82	25	0
	132	ALEXANDRIA	00	7	28	2	0	0	-	6.3	28.0	74	23	0
	150	FOUAD (Airport)	00	7	29	3	0	0	-	6.1	29	70	23	0
	159	DAMIETTA	00	8	28	2	1	0	-	5.5	32.8	56	23	0
	161	PORT SA'ID	00	7	32	2	0	0	-	6	31	55	21	0
	135	EL 'ARISH	00	9	30	3	0	0	-	5.8	30.8	58	22	0
Lower Egypt	136	DAMANHUR	00	7	24	3	0	0	-	6.8	32.8	34	15	0
	137	MANSURA	00	8	30	2	1	0	-	5.9	34.0	26	12	0
	138	TANTA	00	8	20	2	0	0	-	7.0	36.4	27	13	0
	139	ZAGAZIG	00	6	16	2	0	0	-	7.1	33.0	50	21	0
		SHIBIN EL KOM	00	8	30	3	0	1	8		34.9	36	17	0
		ISMAILIA	00	8	10	1	0	0	-	6.2	37.0	18	09	0
Cairo Area	928	FAROUK (Airport)	00	8	00	0	0	0	-	6	36		07	0
	141	ALMAZA	00	8	26	2	0	0	-	5.5	34.2	29	15	0
		EZBEKIYA	00	8	00	0	0	0	-	5.4	35.2	24	12	0
		GIZA	00	8	00	0	0	0	-	5.5	37.0	24	13	0
	143	HELWAN	00	8	00	0	0	0	-	5.0	35.0	20	09	0
Upper Egypt	153	FAIYUM	00	8	30	1	0	0	-	5.4	33.7	30	14	0
		BENI SUEF	00	9	02	1	0	0	-	5.4	36.7	27	15	0
	162	MINYA	00	8	32	1	0	0	-	6	36	29	15	0
	155	ASYUT	00	8	26	1	0	0	-	5.6	36.2	20	10	0
	164	NAG HAMMADI	00	8	24	1	0	0	-	4.2	37.0	18	09	0
	156	QENA	00	9	24	2	0	0	-	3.2	41.0	20	14	0
	157	LUXOR	00	8	24	2	0	0	-	3	40	15	09	0
	158	ASWAN	00	9	04	0	0	0	-	3.5	39.6	16	10	0
Oases	148	SIWA	00	8	28	2	0	0	-	9.6	37.2	49	24	0
	149	BAHARIYA	00	8	32	1	0	0	-	6.6	35.2	27	13	0
		FARAFRA												0
	152	DAKHLA	00	9	28	2	0	0	-	5.5	37.3	16	07	0
	151	KHARGA	00	9	00	0	0	0	-	4.7	36.1	15	06	0
Red Sea	144	SUEZ												0
	145	TOR	00	8	28	4	0	0	-		28.0	37	16	0
	163	HURGHADA	00	9	03	1	0	0	-	4	31	59	22	0
	147	QUSEIR	00	8	02	2	0	0	-	3.9	32.7	63	25	0
	208	PORT SUDAN	00	8	10	4	0	0	-	1	39	38	22	0
North Sudan	165	WADI HALFA												
	166	KAREIMA	00	8	00	0	0	0	-	2	42	11	05	0
	167	ATBARA	00	7	18	4	1	2	8	2	39	26	16	0
	209	KHARTUM	32	2	14	5	3	S.S.		6	33	41	18	0
	170	KASSALA	02	8	16	3	6	8	2,4	7	30	59	21	R
Central Sudan	171	WAD MEDANI	02	8	18	3	8	10	6	9	24	91	23	R
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID	02	8	24	2	1	10	2,4	6	28	66	21	0
	175	EL FASHER	01	8	14	3	1	5	8		32	43	18	0
	179	GENEINA												
S. Sudan	176	MALAKAL	10	8	18	1	1		2,4	7	21	62	22	0
	177	WAU	01	8	00	0	1	7	7	8	29	66	22	0
	178	JUBA	01	8	04	1	1	3	8	7	31	59	21	0

At 1800 on 8th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 12-18 G.M.T. mms
SIDI BARANI	14	8	28	5	1	5	9	8.8	24.9	93	24	0
MATRUH	01	7	28	4	1	5	6	8	25	90	24	0
EL DABA												0
ALEXANDRIA	01	6	32	2	1	0	-	6.6	25.2	88	23	0
FOUAD (Airport)	00	7	29	1	0	0	-	6.1	25	94	24	0
DAMIETTA	00	7	28	2	0	0	-	6.2	26.0	79	23	0
PORT SA'ID	00	7	31	3	0	0	-	5	28	66	21	0
EL 'ARISH	00	9	30	3	0	0	-	6.4	24.4	88	22	0
DAMANHUR	00	7	24	2	0	0	-	6.3	25.0	84	22	0
MANSURA	00	6	32	2	0	0	-	5.8	28.0	57	19	0
TANTA	00	8	24	1	0	0	-	6.3	28.6	57	19	0
ZAGAZIG	00	6	32	2	0	0	-		26.9	67	20	0
SHIBIN EL KOM	00	7	28	2	0	0			25.8	70	20	0
ISMAILIA	00	7	02	1	0	0	-	5.0	30.8	43	17	0
FAROUK (Airport)	00	7	02	2	0	0	-	5	30	31	11	0
ALMAZA	00	7	02	1	0	0	-	4.7	31.1	31	12	0
EZBEKIYA	00	7	00	0	0	0	-	5.5	28.2	43	14	0
GIZA	00	7	00	0	0	0	-	5.6	29.3	38	13	0
HELWAN	00	7	22	2	0			4.6	31.2	21	06	0
FAIYUM	00	8	00	0	0	0	-	4.2	29.6	58	21	0
BENI SUEF	00	9	02	1	0	0	-	4.6	29.7	48	18	0
MINYA	00	7	02	1	0	0	-	4	28	52	17	0
ASYUT	00	6	22	1	0	0	-	4.5	30.1	36	13	0
NAG HAMMADI	00	8	00	0	0	0	-	4.2	31.7	34	14	0
QENA	00	6	24	2	0	0	-	3.2	31.8	31	13	0
LUXOR	00	7	00	0	0	0	-	4	33	23	09	0
ASWAN	00	9	00	0	0	0	-	4.7	36.8	15	06	0
SIWA	00	6	00	0	0	0	-	7.8	34.8	47	22	0
BAHARIYA	00	7	32	1	0	0	-	6.3	31.5	18	05	0
FARAFRA	00	7	32	1	0	0	-	6.4	30.8	24	08	0
DAKHLA												0
KHARGA	00	7	00	0	0	0	-	4.8	33.1	20	07	0
SUEZ	00	6	32	2	0	0	-	4.8	33.8	26	11	0
TOR	00	8	28	1	0	0	-		32.2	33	14	0
HURGHADA	00	9	00	0	0	0	-	4	29	59	20	0
QUSEIR	00	8	32	1	0	0	-	3.6	30.2	62	22	0
WADI HALFA					-							

At 0600 on MONDAY 9th

Station	Area	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb TT	Maximum Yesterday TxTx	Max. Diff. from norm.	Minimum Today TnTn	Min. Diff. from norm.	Humidity % UU	Dew Point °C	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1
SIDI BARANI	Mediterranean	02	9	26	3	1	8	8	8.3		25.7	28		24		88	23	0	171	
MATRUH																		0		
EL DABA		01	8	28	2	1	5	8	6.4		26.3			28		78	22	0	117	
ALEXANDRIA		00	9	28	3	0	0	-	6.7	-2.2	26.0	28	-2	24	0	84	23	0	209	186
FOUAD (Airport)		00	7	29	2	0	0	-	6.3		28	29		24		79	23	0	213	138
DAMIETTA		01	7	20	3	2	5	8	5.8	-3.0	26.7	35		21		87	25	0	85	106
PORT SA'ID		01	7	22	2	1	7	6	6		27	32		26		79	23	0	56	81
EL 'ARISH		00	9	18	2	0	0	-	5.8	-3.0	28.4	32	+1	19	-2	77	24	0		94
DAMANHUR	Lower Egypt	01	7	28	3	1	3	8	6.4	-3.0	26.8	34	+1	21	+1	84	24	0	105	101
MANSURA		01	7	20	2	2	8	6	6.3	-2.7	26.0	36	+1	22	+1	82	23	0	73	55
TANTA		02	8	24	1	2	10	5	7.0	-2.7	26.0	35	0	19	-1	82	23	0	26	44
ZAGAZIG		01	6	32	2	0	5	8	7.2	-2.5	26.2	3!	+1	20	0	75	21	0	36	27
SHIBIN EL KOM		01	7	28	2	1	5	8	7.4	-2.1	26.3	36		21		75	21	0	34	
ISMAILIA		02	6	24	1	2	10	5	6.2		24.5	39		22		82	21	0	21	
FAROUK (Airport)	Cairo Area	01	7	28	3	2	5	6	7		25						18	0		
ALMAZA		02	7	24	1	2	9	6	6.6	-2.7	25.0			22		61	21	0	28	
EZBEKIYA		00	7	28	1	0	0	-	7.0	-2.3	25.8	36	+1	23	+1	75	21	0	32	26
GIZA		00	7	28	1	0	0	-	6.8	-2.4	26.5	37	+2	21	+1	72	20	0	31	27
HELWAN		05	5	28	2	0	0	-	7.0	-2.2	24.0	37	+2	22	+1	81	20	0	19	29
FAIYUM	Upper Egypt	00	8	32	1	0	0	-	6.2	-3.3	26.6	36	0	22	+1	66	20	0	11	8
BENI SUEF		00	7	02	1	0	0	-	6.3		27.3	37		20		72	22	0	11	
MINYA		00	7	32	3	0	0	-	6		26	37		20		62	18	0	12	
ASYUT		00	7	26	1	0	0	-	6.7	-1.8	28.0	37	0	22	-1	44	15	0	tr	4
NAG HAMMADI		00	8	00	0	0	0	-	6.3	-0.9	30.0	37		19		41	15	0	0	
QENA		00	8	24	2	0	0	-	5.6	-1.5	28.0	42	+2	24	0	44	15	0	5	
LUXOR		00	8	00	0	0	0	-	5		32	41		22		29	12	0	tr	
ASWAN		00	9	28	1	0	0	-	6.0	-1.1	30.5	42	+1	26	0	36	12	0	tr	
SIWA	Oases	00	7	00	0	0	0	-	9.4	-0.2	25.5	38	0	21	+1	60	17	0	22	8
BAHARIYA		00	8	00	0	0	0	-	7.9	-2.4	26.4	37	0	20	0	59	17	0	18	7
FARAFRA		00	7	00	0	0	0	-	7.9		20.6	38		21		41	16	0	-	
DAKHLA		00	8	24	1	0	0	-	7.1	-1.8	30.4	39	0	22	-1	26	09	0	tr	
KHARGA		00	9	00	0	0	0	-	6.3	-1.9	29.3	40	+1	23	0	33	11	0	0	
SUEZ	Red Sea	00	8	00	0	0	0	-	6.4	-2.0	27.4	40	+4	23	0	61	19	0	-	17
TOR		00	8	00	0	0	0	-			29.0	39	+5	22	-3	59	20	0	0	13
HURGHADA		00	7	28	1	0	0	-	5		30	31		22		55	20	0	1	3
QUSEIR		00	8	02	2	0	0	-	4.7	-1.6	32.0	34	0	27	0	84	21	0	0	4
PORT SUDAN		01	9	30	2	1	7	4	4		36			28		42	21	0	291	102
WADI HALFA	North Sudan	00	8	02	1	0	0	-	6		30							0	tr	
KAREIMA		00	8	20	2	0	0	-	7		30			27		59	21	0	tr	14
ATBARA		00	8	20	2	1	1	1	7		29			26		52	18	0	2	35
KHARTUM		00	8	18	2	0	0	-	8		28			25		66	21	0	38	88
KASSALA																		R	72	179
WAD MEDANI	Central Sudan	01	8	16	2	1	3	4	9		23					47	11	R	245	227
RENK		63	7	20	4	6	10	6	11		24					94	22	R		229
ROSEIRES																			448	488
EL OBEID																			280	202
EL FASHER																			77	176
GENEINA																				317
MALAKAL	S. Sudan																		505	559
WAU																			621	785
JUBA																			658	763

HUMIDITY

Mean of day

Station	on 8th	Diff. from normal
Alexandria	81	+7
Ezbekiya	51	-10
Giza	51	-11
Helwan	47	-3

GIZA

Grass minimum temp. on 9th 17.4

Remarks

UPPER AIR OBSERVATIONS on 8th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — Aeroplane Ascent on

Height feet	Pressure	Dry °C	Wet °C
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT — Rawinsonde on 9th at 03

Pressure mbs.	Height feet	Temp °C	Humidity %	Wind DD	Wind VV
Surface					
1000					
950					
900	3200	24	35	30	6
850	4830	21	25	30	5
800	6540	17	25	40	14
700	10210	10	25	360	4
600	14370	5	-	270	8
500	19150	-5	-	220	22
400					
300	31800	-25	-	250	25
250					
200	41050	-46	-	250	17
150					
100					

Station	P. SAID		Fouad A.P.	
Time	14 30		15	
Height m	DD	VV	DD	VV
200	320	16	330	10
500	280	17	320	11
1000	250	16	320	13
1500	150	6	310	17
2000	80	10		
3000	60	18		
4000				
5000				
6000				
7000				
8000				

UPPER AIR OBSERVATIONS on 9th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Height m	Sidi Barani DD	VV	Matruh DD	VV	Fouad Airport DD	VV	Port Said DD	VV	Farouk Airport DD	VV	Almaza DD	VV	Helwan DD	VV	Minya DD	VV	Asyut DD	VV	Luxor DD	VV	Aswan DD	VV	Siwa DD	VV
Time					03 30		03						7 30						5 45		6		4 45	
200					320	11	310	9					310	8					330	4	350	5	20	3
500					10	6	330	6					210	8					320	14	10	16	340	2
1000					340	10							240	3					310	15	150	16	20	7
1500					350	5													290	17	290	16	320	16
2000					70	6															270	16	320	21
3000					80	3																	320	20
4000																							360	41
5000																								
6000																								
7000																								
8000																								

Height m	Bahariya DD	VV	Dakhla DD	VV	Kharga DD	VV	Hurghada DD	VV	Wadi Halfa DD	VV	Abu Hamad DD	VV	Kareima DD	VV	Khartum DD	VV	Kassala DD	VV	El Obeid DD	VV	El Fasher DD	VV	Malakal DD	VV
Time			5				8 15								4				4 30		3 30		3 30	
200			360	10			160	15																
500			340	16			330	3																
1000			340	15			320	8							120	17			210	18	330	12	250	9
1500			330	13			210	5							160	13			180	5	310	12	210	7
2000			330	15			170	4							210	12			140	5	240	15	200	7
3000							180	6							130	17					190	24	250	4
4000															200	17					210	41	240	14
5000															180	21								
6000																								
7000																								
8000																								

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g.
08 = East 16 = South
24 = West 32 = North
00 is Calm

Note: All times G.M.T.

Printed by the Survey of Egypt 1948 (48/395)

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on:
Monday 9th August 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼ Indicates Cold front
▬▬▬▬▬▬ ,, Warm
▬▼▬▼▬▼ ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

SCALE 1 15 000 000

LIBRARY 1948 10 WEATHER BUREAU

CAIRO
Time of Sunrise 03 19 G.M.T.
" " Sunset 16 41 G.M.T.

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

DAILY WEATHER REPORT

Date : TUESDAY 10 th AUGUST, 1948.

Form 91

AREA	INDEX NUMBER	STATION	At 1200 on MONDAY 9th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C. TT	HUMIDITY % UU	DEW POINT °C.	RAIN 6-12 G.M.T. mms	At 1800 on 9th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C. TT	HUMIDITY % UU	DEW POINT °C.	RAIN 12-18 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI	00	9	28	3	0	0	—	8.2	27.8	69	21	0	01	8	26	2	1	3	8	8.0	24.8	89	23	0
	160	MATRUH	00	8	30	4	0	0	—	7	29	65	22	0	00	7	30	2	0	1	6	7	25	94	24	0
	134	EL DABA	00	8	28	3	0	0	-		29.2	63	21	0	01	8	00	0	0	0	-		25.9		19	0
	132	ALEXANDRIA												0	01	6	28	2	1	3	8	6.3	25.6	85	23	0
	150	FOUAD (Airport)	00	7	27	3	0	0	-	5.8	29	70	23	0	00	7	28	1	0	0	-	5.8	26	79	22	0
	159	DAMIETTA	00	8	28	3	1	0	-	5.2	30.9	70	23	0	00	5	28	2	0	0	-	5.9	26.7	95	25	0
	161	PORT SAÏD	00	8	32	2	0	0	-	5	30	70	24	0	00	7	30	4	0	0	-	5	27	84	24	0
	135	EL ʿARISH	00	9	26	3	0	0	-	5.1	30.3	59	21	0	01	9	32	2	1	5	8	5.6	26.3	85	23	0
LOWER EGYPT	136	DAMANHÛR	00	7	32	3	0	0	-	5.9	32.6	63	24	0	00	7	32	2	0	0	-	6.4	25.2	84	22	0
	137	MANŞURA	00	8	30	1	1	0	-	5.4	35.4	45	21	0	00	6	28	2	0	0	-	5.9	26.4	81	22	0
	138	TANTA	00	8	28	1	0	0	-	5.8	35.6	39	19	0	00	8	28	1	0	0	-	6.2	28.2	65	21	0
	139	ZAGAZIG	00	6	11	2	0	0	-	5.5	35.0	57	25	0	00	6	24	2	0	0	-	7.4	27.0	72	21	0
		SHIBÎN EL KÔM	00	8	30	3	0	0	-	5.3	34.9	71	18	0	00	7	28	2	0	0	-	7.1	27.4	66	20	0
		ISMAÏLÍA	00	8	28	1	0	0	-	4.6	33.1	27	15	0	00	8	02	1	0	0	-	4.8	31.2	41	16	0
CAIRO AREA	928	FAROUK (Airport)	00	8	24	3	0	0	-	5	35	28	12	0	00	7	32	3	0	0	-	7.1	31	48	19	0
	141	ALMÂZA	00	8	26	1	0	0	-	5	36	30	14	0	00	7	30	2	0	0	-	5.3	31	43	17	0
		EZBEKÎYA	00	8	32	1	0	0	-	5.1	35.9	34	18	0	00	7	28	2	0	0	-	5.9	29.3	55	19	0
		GÎZA	00	8	32	1	0	0	-	4.8	36.9	29	16	0	00	7	28	2	0	0	-	6.0	29.9	51	19	0
	143	HELWÂN	00	8	26	1	0	0	-	4.3	35.5	18	08	0	00	7	30	3	0	0	-	4.7	32.0	39	16	0
UPPER EGYPT	153	FAIYÛM	00	8	30	1	0	0	-	5.1	34.8	24	11	0	00	8	32	1	0	0	-	4.4	32.8	30	13	0
		BENI SUEF	00	9	02	1	0	0	-	5.1	36.2	25	16	0	00	9	02	1	0	0	-	4.4	30.2	47	17	0
	162	MINYA	00	8	04	2	0	0	-	5	36	32	15	0	00	7	00	0	0	0	-	4	28	49	16	0
	155	ASYÛT	00	8	20	1	0	0	-	5.0	36.8	19	10	0	00	6	22	1	0	0	-	4.5	29.1	34	12	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	3.8	37.0	29	16	0	00	8	00	0	0	0	-	3.9	33.3	54	17	0
	156	QENA	00	9	24	2	0	0	-	3.2	39.4	18	11	0	00	6	24	2	0	0	-	3.5	32.4	27	11	0
	157	LUXOR	00	8	28	2	0	0	-	4	40	12	06	0	00	9	00	0	0	0	-	4	34	23	10	0
	158	ASWAN	00	9	28	1	0	0	-	3.6	40.5	18	11	0	00	9	00	0	0	0	-	4.0	37.4	17	08	0
OASES	148	SIWA	00	8	24	2	0	0	-	8.6	36.8	20	11	0	00	6	00	0	0	0	-	7.4	37.5	39	18	0
	149	BAHARIYA	00	8	28	1	0	0	-	5.8	37.0	18	09	0												0
		FARAFRA												0												0
	152	DAKHLA	00	9	28	2	0	0	-	4.9	38.4	15	07	0	00	8	00	0	0	0	-	4.6	35.0	20	09	0
	151	KHARGA	00	9	30	1	0	0	-	4.4	38.2	13	05	0	00	7	00	0	0	0	-	5.0	32.0	20	06	0
RED SEA	144	SUEZ	00	8	00	0	0	0	-		36.1	33	17	0	00	8	32	3	0	0	-	2.6	33.2	40	17	0
	145	TOR	00	8	28	4	0	0	-		35.1	31	16	0	00	8	28	1	0	0	-		29.0	60	20	0
	163	HURGHÂDA	00	9	03	2	0	0	-	4	32	56	22	0	00	8	00	0	0	0	-	3	30	38	14	0
	147	QUSEIR	00	8	02	2	0	0	-	4.4	32.3	48	26	0	00	8	02	1	0	0	-	3.9	30.0	65	23	0
	208	PORT SUDAN												0												0
NORTH SUDAN	165	WADI HALFA																								
	166	KAREIMA																								
	167	ʿATBARA																								
	209	KHARTÛM	01	8	20	2	0	6	82	5	26	33	17	0												
	170	KASSALA																								
CENTRAL SUDAN	171	WAD MEDANI	02	8	20	3	1	8	8	5	32	56	22	0												
	182	RENK	01	9	12	2	1	6	1	7	32			0												
	172	ROSEIRES																								
	174	EL OBEID																								
	175	EL FASHER																								
	179	GENEINA																								
S. SUDAN	176	MALAKAL																								
	177	WÂU																								
	178	JUBA	02	8	00	0	8	9	6.4	11	24	77	20	R												

AREA	INDEX NUMBER	STATION	At 0600 on TUESDAY 10th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR. PRESSURE M.S.L. mbs. PPP	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb TT	TEMPERATURE °C. MAXIMUM Yesterday TxTx	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today TnTn	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY % UU	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1	STATION	AREA
MEDITERRANEAN		SIDI BARÂNI	00	9	24	3	0	0	-	7.8		25.4	28		19		79	21	0	171		SIDI BARÂNI	MEDITERRANEAN
		MATRUH	01	7	22	2	0	3	6	8		26			20		79	22	0			MATRUH	
		EL DABA	01	8	00	0	0	0	-			25.9			19				0	117		EL DABA	
		ALEXANDRIA	02	9	32	2	2	8	8	6.8	-3.1	26.2	29	-1	23	-1	79	82	0	209	186	ALEXANDRIA	
		FOUAD (Airport)	01	7	00	0	0	3	6	6.6		27	29		24		74	22	0	213	138	FOUAD (Airport)	
		DAMIETTA	03	8	20	2	2	10	6	6.0	-2.8	25.0	33		22		94	24	0	85	106	DAMIETTA	
		PORT SAÏD	01	7	23	3	1	7	6	6		26	32		25		79	22	0	56	81	PORT SAÏD	
		EL ʿARISH	00	7	24	3	0	1	6	6.3	-2.6	27.7	31	0	22	+1	71	22	0		94	EL ʿARISH	
LOWER EGYPT		DAMANHÛR	01	6	28	2	1	5	8	6.7	-2.7	25.8	34	+1	21	+1	85	23	0	105	101	DAMANHÛR	LOWER EGYPT
		MANŞURA	01	8	24	2	1	2	4	6.6	-2.5	27.0	37	+2	21	0	76	22	0	73	55	MANŞURA	
		TANTA	01	8	20	1	1	5	8	6.2	-2.5	25.0	36	+1	20	0	84	28	0	26	44	TANTA	
		ZAGAZIG	00	6	22	2	0	0	-	7.5	-2.2	27.0	37	+2	22	+2	77	23	0	36	27	ZAGAZIG	
		SHIBÎN EL KÔM	00	7	22	2	0	0	-	7.4	-2.1	27.7	37		22		66	20	0	24		SHIBÎN EL KÔM	
		ISMAÏLÍA	03	7	26	1	2	10		6.3		24.0	28		22		86	21	0	21		ISMAÏLÍA	
CAIRO AREA		FAROUK (Airport)	02	6	28	2	M	5	6	7		24					86	21	0			FAROUK (Airport)	CAIRO AREA
		ALMÂZA	05	5	23	1	2	5	6	6.6	-2.8	25	37		22		76	20	0	25		ALMÂZA	
		EZBEKÎYA	00	7	28	1	1	1	1	7.0	-2.4	27.1	37	+2	23	+1	72	22	0	22	26	EZBEKÎYA	
		GÎZA	00	7	28	1	1	1	1	7.0	-2.3	27.1	38	+2	21	+1	75	22	0	31	23	GÎZA	
		HELWÂN	09	5	28	1	0	0	-	6.7	-2.6	24.0	38	+2	21	0	80	20	0	19	29	HELWÂN	
UPPER EGYPT		FAIYÛM	00	8	00	0	0	0	-	6.2	-3.4	28.0	38	+2	22	+1	63	20	0	11	8	FAIYÛM	UPPER EGYPT
		BENI SUEF	00	7	02	1	0	0	-	6.2		28.1	37		20		71	28	0	11		BENI SUEF	
		MINYA	00	7	22	2	0	0	-	6		28	37		21		62	20	0	12		MINYA	
		ASYÛT	00	7	20	1	0	0	-	6.8	-1.7	28.0					61	20	0	tr	4	ASYÛT	
		NAG' HAMMÂDI	00	8	00	0	0	0	-	6.2	-1.1	29.2	37		19		44	15	0	0		NAG' HAMMÂDI	
		QENA	00	8	24	2	0	0	-	5.6	-1.5	29.0	41	+1	23	-1	32	11	0	5		QENA	
		LUXOR	00	8	18	1	0	0	-	5		33	40		24		21	08	0	tr		LUXOR	
		ASWAN	01	9	00	0	0	0	-	6.2	-0.9	31.4	42	+1	26	0	40	16	0	tr		ASWAN	
OASES		SIWA	00	7	28	2	0	0	-	9.9	-1.9	26.5	38	0	22	+2	68	20	0	23	8	SIWA	OASES
		BAHARIYA	00	8	32	1	0	0	-	7.4	-2.9	29.0	38	+1	21	+1	57	13	0	18	7	BAHARIYA	
		FARAFRA																	0	-		FARAFRA	
		DAKHLA	00	8	00	0	0	0	-	7.2	-1.8	31.3	39	0	23	-1	20	06	0	tr		DAKHLA	
		KHARGA	00	9	00	0	0	0	-	5.4	-2.9	28.0	39	0	22	-1	33	10	0	0		KHARGA	
RED SEA		SUEZ	00	8	32	1	0	0	-	6.4	-2.1	26.8	40	+4	23	-1	73	22	0	-	17	SUEZ	RED SEA
		TOR	00	8	00	0	0	0	-			28.4	37	+3	22	-3	76	22	0	0	13	TOR	
		HURGHÂDA	00	7	30	3	0	0	-	6		29	34		23		59	20	0	1	3	HURGHADA	
		QUSEIR	00	8	04	1	0	0	-	4.8	-1.5	31.0	38	-1	26	-1			0	0	4	QUSEIR	
		PORT SUDAN																		291	103	PORT SUDAN	
NORTH SUDAN		WADI HALFA																		tr		WÂDI HALFA	NORTH SUDAN
		KAREIMA																		tr	15	KAREIMA	
		ʿATBARA																		2	27	ʿATBARA	
		KHARTÛM																		33	92	KHARTÛM	
		KASSALA																		72	183	KASSALA	
CENTRAL SUDAN		WAD MEDANI																		245	242	WAD MEDANI	CENTRAL SUDAN
		RENK																			333	RENK	
		ROSEIRES																		448	435	ROSEIRES	
		EL OBEID																		280	206	EL OBEID	
		EL FASHER																		77	181	EL FASHER	
		GENEINA																			285	GENEINA	
S. SUDAN		MALAKAL																		505	565	MALAKAL	S. SUDAN
		WÂU																		681	792	WÂU	
		JUBA																	R	658	767	JUBA	

HUMIDITY

Mean for the day

STATION	%	Diff. from normal
Alexandria	83	+9
Ezbekiya	60	−1
Giza	57	−5
Helwân	67	+6

GIZA

GRASS MINIMUM TEMP. ON 10 th 18.6 °C

Remarks

UPPER AIR OBSERVATIONS on 9th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT ON ... AT ...

HEIGHT FEET	PRESSURE mbs	ENV °C	WET °C	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE				SURFACE				
500				1000				
1000				950				
1500				900	3200	24	35	29.0 10
2000				850	4840	20	65	30.0 6
4000				800	6540	16	65	23.0 3
6000				700	10280	6	45	24.0 4
8000				600	14330	3	-	27.0 12
10000				500	17160	-6	-	25.0 17
12000				400				
14000				300	31720	-28	-	23.0 48
16000				250				
18000				200	46490	-47	-	24.0 83
20000				150				
				100				

FAROUK AIRPORT HAWINSONDE ON 10 th AT 03

STATION	P. SAÏD				MATRUH			
TIME	14	15			14			
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV
200	310	24			330	11		
500	300	23			320	11		
1000	310	14			310	12		
1500	260	10			300	16		
2000	20	5			290	11		
3000	60	3			320	7		
4000	330	10						
5000	300	4						
6000	240	14						
7000	240	10						
8000	320	14						

STATION								
TIME								
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV
200								
500								
1000								
1500								
2000								
3000								
4000								
5000								
6000								
7000								
8000								

UPPER AIR OBSERVATIONS on 10th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		HELWÂN		ALMÂZA		FAROUK A/P		MINYA		ASYÛT		LUXOR		ASWÂN	
TIME			4		3		3	30	6	30			3						5	30	4	45
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			310	10	310	7	260	9	320	7			320	6					320	6	300	7
500			10	10	320	11	270	5	20	8			340	8					320	17	240	6
1000			10	12	320	11	280	11	300	13			300	9					310	17	320	9
1500			60	8	320	14	310	10	260	10			300	4					300	11	300	27
2000			360	3			310	5	240	10			220	2					280	6	290	18
3000			320	5					260	10			240	4							270	10
4000									280	8											300	7
5000													260	11							320	10
6000													230	43								
7000																						
8000													240	47								

STATION	BAHARIYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME			5		6																			
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			330	7	120	5																		
500			350	11	110	6																		
1000			330	14	100	10																		
1500			310	10	90	10																		
2000			260	10	330	8																		
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48_1951)

Notes: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	91-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirrostratus	2
Cirro cumulus	3
Alto cumulus	4
Alto stratus	5
Strato-cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

WIND FORCE (F)

	Knots	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g.
08 = East. 16 = South.
24 = West. 32 = North.
00 is Calm

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on:
Tuesday 10th August 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼ Indicates Cold front
▼▼▼▼▼▼ ,, Warm
▼▼▼▼▼▼ ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 20 G.M.T.

" " Sunset 16 40 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

MAR 8 1949 WEATHER BUREAU

Form 91

DAILY WEATHER REPORT

Date: WEDNESDAY 11th AUGUST, 1948.

At 1200 on TUESDAY 10th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARÂNI	00	9	30	4	0	0	-	7.2	27.9	61	20	0
	160	MATRÛH												0
	134	EL DABA	00	8	28	3	0	0	-		28.4	77	24	0
	132	ALEXANDRIA	00	8	28	2	0	0	-	6.6	28.8	68	22	0
	150	FOUAD (Airport)	00	7	29	3	0	6	8	6.3	28	74	23?	0
	159	DAMIETTA	00	7	28	2	1	1	8	5.4	32.0	69	27?	0
	161	PORT SAʿÎD	00	7	01	1	0	0	-	6	30	70	24	0
	135	EL ʿARISH	00	9	32	4	0	0	-	5.5	29.8	61	22	0
Lower Egypt	136	DAMANHUR	00	7	32	3	1	2	8	5.8	34.0	52	22	0
	137	MANṢURA	00	8	04	1	1	0	-	5.6	35.5	41	20	0
	138	ṬANṬA	00	8	00	1	0	0	-	6.0	36.0	38	19?	0
	139	ZAGAZIG	00	6	32	2	0	0	-	5.2	34.8	56	25?	0
		SHIBÎN EL KÔM	00	8	28	3	0	0	-	5.9	37.7	28	17	0
		ISMAʿILÎA	00	8	26	1	0	2	1	4.8	38.2	20	12	0
Cairo Area	928	FAROUK (Airport)	00	8	28	4	0	0	-	6	37	18	09?	0
	141	ALMÂZA	00	8	28	2	0	6	8	5.9	36.3	27	15	0
		EZBEKÎYA	00	8	30	1	0	0	-	5.4	36.3	28	15	0
		GÎZA	00	8	30	1	0	0	-	5.5	37.2	24	13	0
	143	ḤELWÂN	00	8	29	3	0	0	-	4.6	37.0	18	09	0
Upper Egypt	153	FAIYÛM	00	8	30	1	0	0	-	5.1	36.0	21	11	0
		BENI SUEF	00	9	02	1	0	0	-	5.4	38.2	24	14	0
	162	MINYA	00	8	00	0	0	0	-	5	38	24	14	0
	155	ASYÛṬ	00	8	22	1	0	0	-	5.2	38.0	18	10	0
	164	NAGʿ HAMMÂDI	00	8	00	0	0	0	-	3.9	38.0	28	16	0
	156	QENA	00	9	26	3	0	0	-	3.4	41.0	18	12	0
	157	LUXOR	00	8	27	2	0	0	-	4	40	14	08	0
	158	ASWÂN	00	9	24	2	0	0	-	3.9	40.0	15	09	0
Oases	148	SIWA	00	8	24	3	0	0	-	7.0	35.4	50	23	0
	149	BAHARÎYA	00	8	28	1	0	0	-	5.6	38.0	16	08	0
		FARAFRA												0
	152	DAKHLA	00	9	28	2	0	0	-		38.0	15	07	0
	151	KHARGA	00	9	00	0	0	0	-	3.4	38.9	17	10	0
Red Sea	144	SUEZ	00	8	32	1	0	0	-	3.5	36.7	22	12	0
	145	ṬÔR	00	8	28	3	0	0	-		34.3	42	19	0
	163	HURGHÂDA	00	9	03	1	0	0	-	4	31	62	23	0
	147	QUSEIR	00	8	02	2	2	0	-	4.4	32.0	72	26	0
	208	PORT SÛDÂN	05	5	08	3	1	1	4	2	37	50	25	0
North Sûdân	165	WADI HALFA	02	8	20	3	1	8	4,2	4	41	11	06	0
	166	KAREIMA	02	7	26	2	1	8	8					0
	167	ʿAṬBARA	05	6	32	1	1	10	4	4	36	33	17	0
	209	KHARTÛM	02	8	16	3	1	9	6,2	7	31	55	21	0
	170	KASSALA	02	8	28	2	5	8	8	9	35	50	23	dw
Central Sûdân	171	WAD MEDANI	01	8	16	2	1		9	8	28	89	26	0
	182	RENK	01	9	20	3	1	7	8	8	29		22	0
	172	ROSEIRES	02	6	10	2	2	10	8,5		28	70	22	0
	174	EL OBEID	02	8	18	3	1	8	8,4	7	27	66	20	0
	175	EL FÂSHER												0
	179	GENEINA												0
S. Sûdân	176	MALAKÂL	01	8	16	1	1	5	8	9	31	55	21	0
	177	WÂU												0
	178	JUBA	02	8	00	0	0	7	8	8	31	55	21	0

At 1800 on 10th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARÂNI												0
MATRÛH	00	7	02	1	0	0	-	7	25	89	23	0
EL DABA												0
ALEXANDRIA	02	6	32	2	1	8?	8	6.6	25.0	86	22	0
FOUAD (Airport)	00	7	30	1	0	0	-	6.3	25	89	23	0
DAMIETTA	00	5	28	2	0	0	-	6.2	25.7	97	25	0
PORT SAʿÎD	00	7	01	3	0	0	-	6	27	79	24	0
EL ʿARISH	00	9	02	3	0	0	-	6.0	25.6	85	23	0
DAMANHUR	00	7	32	3	0	0	-	6.4	26.4	84	23	0
MANṢURA	00	6	32	1	0	0	-	6.3	27.4	75	22	0
ṬANṬA	00	8	00	0	0	0	-	6.6	27.5	70	21	0
ZAGAZIG	00	6	32	2	0	0	-	6.3	29.0	66	22	0
SHIBÎN EL KÔM	00	7	28	2	0	0	-	6.8	28.0	66	21	0
ISMAʿILÎA	00	7	32	2	0	0	-	5.5	30.8	53	20	0
FAROUK (Airport)	00	7	32	4	0	0	-	6	32	41	17	0
ALMÂZA	00	7	32	2	0	0	-	5.2	31.0	58	22	0
EZBEKÎYA	00	7	32	1	0	0	-	6.0	30.2	62	22	0
GÎZA	00	7	32	1	0	0	-	6.3	30.2	58	21	0
ḤELWÂN	00	7	00	0	0	0	-	4.8	32.8	29	13	0
FAIYÛM	00	8	30	1	0	0	-	4.2	30.8	46	18	0
BENI SUEF	00	9	00	0	0	0	-	4.4	29.4	50	17	0
MINYA	00	7	00	0	0	0	-	5	30	38	14	0
ASYÛṬ	00	6	20	1	0	0	-	4.8	30.1	36	13	0
NAGʿ HAMMÂDI	00	8	00	0	0	0	-	4.7	28.0	55	18	0
QENA	00	6	24	2	0	0	-	3.8	32.6	30	13	0
LUXOR	00	7	00	0	0	0	-	4	33	24	10	0
ASWÂN												0
SIWA	00	6	04	2	0	0	-	6.0	32.4	57	22	0
BAHARÎYA	00	7	00	0	0	0	-	5.8	34.0	22	09	0
FARAFRA												0
DAKHLA	00	8	00	0	0	0	-	4.6	35.0	19	08	0
KHARGA	00	7	00	0	0	0	-	5.2	32.4	19	05	0
SUEZ	00	5?	32	2	0	0	-	4.6	34.4	32	15	0
ṬÔR	00	8	28	2	0	0	-		32.2	41	17	0
HURGHÂDA	00	9	00	0	0	0	-	4	31	43	17	0
QUSEIR	00	8	04	1	0	0	-	4.4	29.6	69	24	0

At 0600 on WEDNESDAY 11th

Station	ww	V	Wind DD	Wind F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Max. Yesterday T_xT_x	Diff. from norm.	Min. Today T_nT_n	Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	Area
SÎDI BARÂNI																	0	171		Mediterranean
MATRÛH	00	7	02	1	0	0	-	8	°	26	30		19		70	20	0			
EL DABAʿ	00	8	00	0	0	0	-			25.8			23		86	23	0	117		
ALEXANDRIA	01	9	20	1	2	3	8	8.7	-1.3	26.6	30	0	21	-3	77	23	0	209	186	
FOUAD (Airport)	05	6	00	0	2	9	6	8.3		24	30		21		94	23	0	213	138	
DAMIETTA	00	6	20	1	2	0	-	7.9	-1.0	26.9	33		23		69	20	0	85	106	
PORT SAʿÎD	01	7	27	1	1	5	6	8		27	32		26		84?	24?	0	56	81	
EL ʿARISH	00	9	24	2	0	0	-	8.0	-0.9	27.6	30	-1	19	-2	51?	17?	0		94	
DAMANHÛR	00	7	32	3	0	0	-	8.0	-1.5	26.2	35	+2	21	+1	84	23	0	105	101	Lower Egypt
MANṢÛRA	01	7	20	1	1	5	6	8.2	-1.0	27.2	37	+2	23	+2	77	22	0	73	55	
ṬANṬA	01	8	20	1	1	5	8	8.8	-1.0	25.0	37	+2	20	0	84	22	0	26	44	
ZAGAZIG	03	5	32	2	0	10	8	8.6	-1.2	26.0	38	+3	22	+2	84	23	0	36	27	
SHIBÎN EL KÔM	00	8	28	1	4	0	-	8.6	-1.0	23.3	38		21		84?	20	0	34		
ISMAÎLÎA	00	7	00	0	0	0	-	7.5		30.6?	39				55?	20	0	21		
FAROUK (Airport)	00	7	24	2	0	0	-	8		27	37		23		66	20	0			Cairo Area
ALMÂZA	00	7	00	0	0	0	-	7.9	-1.5	27.0	38		22		73	22	0	25		
EZBEKÎYA	00	7	28	1	0	0	-	8.0	-1.4	28.0	37	+3	24	+2	71	22	0	32	26	
GÎZA	00	7	28	1	0	0	-	8.2	-1.1	27.0	39	+4	22	+2	77	23	0	31	27	
ḤELWÂN	05	5	00	0	0	0	-	7.6	-1.7	27.7	38	+3	24	+3	61	20	0	19	29	
FAIYÛM	00	8	00	0	0	0	-	7.4	-2.3	30.4	39	+3	23	+2	56	20	0	11	8	Upper Egypt
BENI SUEF	00	9	28	1	0	0	-	7.5		29.6	39		22		70	24	0	11		
MINYA	00	7	03	1	0	0	-	7		28	38		19		62	20	0	12		
ASYÛṬ	00	7	30	1	0	0	-	8.2	-0.4	31.1	38	+1	22	-1	35	14	0	dr	4	
NAGʿ HAMMÂDI	00	8	00	0	0	0	-	7.5	+0.1	30.6	38		18		38	15	0	0		
QENA	00	8	24	2	0	0	-	7.6	+0.4	30.0	42	+2	24	0	37	14	0	5		
LUXOR	00	8	00	0	0	0	-	7		36	41		23		27	14	0	dr		
ASWÂN	00	9	00	0	0	0	-	7.6	+0.5	32.4	42	+1	27	+1	35	15	0	dr		
SIWA	00	7	00	0	0	0	-	9.5	-2.4	27.0					65	20	0	23	8	Oases
BAHARIYA	00	8	32	1	0	0	-	7.5	-2.9	31.5	39	+3	23	+3	40	16	0	18	7	
FARAFRA																	0	-		
DAKHLA	00	8	00	0	0	0	-	8.4	-0.7	29.2	40	+1	19	-4	26	08	0	dr		
KHARGA	00	9	00	0	0	0	-	7.6	-0.7	27.8	41	+2	21	-2	29	08	0			
SUEZ	00	8	00	0	0	0	-	6.6	-1.9	28.6	39	+3	23	0	62	21	0	-	17	Red Sea
TOR	00	8	28	2	0	0	-			30.2	39	+5	21	-4	70	24	0	0	13	
HURGHADA	00	9	31	2	0	0	-	7		29	34		24		59	20	0	1	3	
QUSEIR	00	8	32	2	0	0	-	6.8	+0.4	23.0	33	-1	27	0	50	21	0	0	4	
PORT SUDAN	05	6	08	2	1	5				34			27		47	21	0	291	103	
WÂDI HALFA	00	8																*		North Sûdân
KAREIMA	00	7	20	3	1	0	-	8		30			28		62	22	0	6	15	
ʿATBARA	00	7	00	0	1	2	4	8		30			28		55	20	0	2	38	
KHARTÙM	00	8	16	2	1	1	1	13		27			27		74	22	0	33	94	
KASSALA	0:	8	16	2	1	5	4	11		25			22		84	22	dr	72	187	
WAD MEDANI	01	9	26	3	1	3		11		25					88	23	0	245	247	Central Sûdân
RENK																			338	
ROSEIRES	00	8	14	5	0	6				24					94	23	0	448	502	
EL OBEID	00	8	20	3	1	1	4	11		24			22		74	19	0	280	210	
EL FÂSHER	00	8	00	0	0	2	6			21			19		88	19	0	77	185	
GENEINA	00	8	20	1	0	0	-						20			20	0	10	333	
MALAKAL	01	8	22	1	1	7	4,1	12		24			21		94	22	1	506	571	S. Sûdân
WÂU	01	8	00	0	1	7	4	12		23			21		94	22	0	631	799	
JUBA	00	8	16	2	0	2	6,2	13		24			21		84	21	0	658	771	

HUMIDITY Mean of day

Station	on 10th	Diff. from normal
Alexandria	85	+11
Ezbekîya	62	+1
Giza	62	0
Helwân	51	0

GIZA GRASS MINIMUM TEMP. ON 11th 20.0

Remarks

UPPER AIR OBSERVATIONS on 10th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — Aeroplane Ascent (ON … AT …)

Height feet	Pressure mbs	Dry °C	Wet °C
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT — Rawinsonde, ON 11th AT 03

Pressure mbs	Height feet	Temp °C	Humidity %	Wind DD	Wind VV
Surface		23	85	260	03
1000					
950					
900	3220	23	35	250	8
850	4850	20	35	260	19
800	6520	16	35	250	18
700	10190	9	-	230	17
600	14300	1	-	220	20
500	19040	-8	-	240	33
400					
300	31990	-28	-	220	59
250					
200	41160	-47	-	220	36
150					
100					

Pilot balloons, 10th

Height m.	MATRUH (14 15) DD	VV	P. SAÏD (16 45) DD	VV
200	350	10	320	9
500	340	10	320	16
1000	300	10	300	16
1500	330	3		
2000	70	6		
3000	90	5		
4000	10	5		
5000	270	3		
6000				
7000				
8000				

(Second station block for the 10th, heights 200–8000 m: blank.)

UPPER AIR OBSERVATIONS on 11th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Height m.	Sîdi Barâni	Matrûh (4 30)	Fouad Airport	Port Saîd (4)	Farouk Airport (03)	Almâza	Helwân (6 30)	Minya	Asyût	Luxor (5 45)	Aswân (5)	Siwa (7)
200		240 6		240 5	50 4		180 2			350 4	330 3	40 7
500		320 2		210 5	140 2		180 7			360 11	10 10	100 12
1000		60 3			190 5		240 3			320 12	310 10	80 5
1500		210 3			260 7		300 12			240 9	290 14	340 6
2000		270 2			250 15		270 16			260 8	280 24	340 11
3000		350 19			240 15		250 18					340 15
4000							220 23					330 9
5000					230 22		230 30					
6000					240 27							
7000												
8000					220 33							

Height m.	Baharîya	Dakhla (5)	Kharga (2 15)	Hurghada (8)	Wâdi Halfa	Abu Hamâd	KHARTUM (4 30)	~~Khartûm~~	Kassala	El Obeid	El Fasher	Malakal (3 45)
200		320 10	10 3	300 3								
500		320 13	350 4	320 13			190 17					360 4
1000		300 7	320 6	340 15			200 19					360 2
1500		290 5	250 9	320 2			230 7					160 5
2000		280 13	270 18	290 3			200 8					180 6
3000				170 5			110 8					200 2
4000				140 10			110 9					
5000												
6000												
7000												
8000												

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

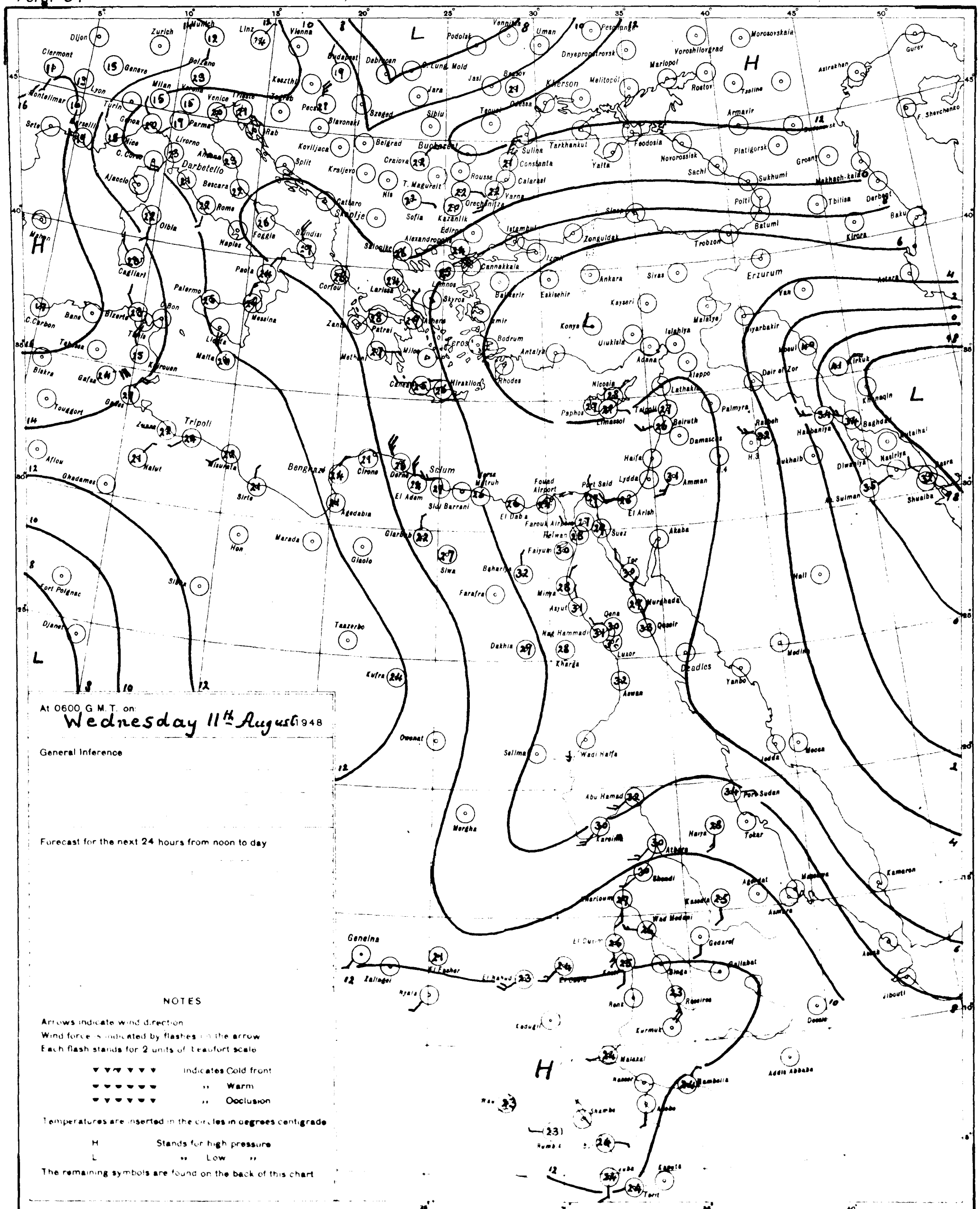
Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Note: All times G.M.T.

Printed by the Survey of Egypt 1948 (48/195)

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:

Wednesday 11th August 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction

Wind force is indicated by flashes on the arrow

Each flash stands for 2 units of Beaufort scale

▼▼▼▼▼▼ Indicates Cold front

▼▼▼▼▼▼ ,, Warm

▼▼▼▼▼▼ ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure

L ,, Low ,,

The remaining symbols are found on the back of this chart

SCALE 1:15 000 000

MAR 8 1949
WEATHER BUREAU

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

CAIRO
Time of Sunrise 03 20 G.M.T.
" " Sunset 16 39 G.M.T.

DAILY WEATHER REPORT

Date : THURSDAY 12 th AUGUST , 1948.

AREA	INDEX NUMBER	STATION	At 1200 on WEDNESDAY 11th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C. TT	HUMIDITY % UU	DEW POINT °C.	RAIN 6-12 G.M.T. mms	At 1800 on 11 th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C TT	HUMIDITY % UU	DEW POINT °C.	RAIN 12-18 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI												0	00	8	24	2	0	0	-	9.9	24.8	85	22	0
	160	MATRÛH	00	8	32	4	0	0	-	8	30	67	23	0	00	8	30	2	0	0	-	9	25	84	22	0
	134	EL DABA												0												0
	132	ALEXANDRIA	00	9	32	2	0	0	-	8.4	29.2	71	23	0	00	6	32	2	0	0	-	9.4	26.2	78	22	0
	150	FOUAD (Airport)	00	7	29	3	0	0	-	8.4	29	66	22	0	00	1	00	0	0	0	-	8.3	25	84	22	0
	159	DAMIETTA	00	7	28	3	0	0	-	7.6	29.9	70	24	0	00	5	28	1	0	0	-	9.0	25.5	88	24	0
	161	PORT SAÏD	00	8	01	3	0	0	-	8	30	70	24	0	00	7	32	3	0	0	-	9	27	79	23	0
	135	EL 'ARISH	00	9	32	4	0	0	-	7.6	29.9	68	23	0	00	9	32	3	0	0	-	8.4	27.3	81	23	0
LOWER EGYPT	136	DAMANHUR	00	7	32	4	0	0	-	7.8	34.7	48	22	0	00	7	32	3	0	0	-	7.8	27.2	81	23	0
	137	MANSURA	00	8	28	2	1	0	-	8.0	35.2	39	19	0	00	6	32	2	0	0	-	9.1	26.5	72	20	0
	138	TANTA	00	8	30	3	1	0	-	8.0	36.0	33	17	0	00	8	00	0	0	0	-	9.4	27.5	70	21	0
	139	ZAGAZIG	00	6	24	2	0	0	-	8.2	36.2			0	00	6	26	2	0	0	-	9.0	25.2	76	20	0
		SHIBÎN EL KÔM	00	8	30	3	0	0	-	8.3	34.4	30	15	0	00	7	28	2	0	0	-	8.6	27.3	65	20	0
		ISMAÏLÍA	00	7	24	3	0	0	-	8.8	33.5	20	11	0	00	7	02	1	0	0	-	7.8	29.2	63	21	0
CAIRO AREA	928	FAROUK(Airport)	00	8	28	4	0	0	-	8	35	29	14	0	00	7	04	4	0	0	-	8	33	41	18	0
	141	ALMÁZA	00	8	28	2	0	4		7.2	36.3	27	15	0	00	7	02	2	0	0	-	8	33	36	16	0
		EZBEKÍYA	00	8	28	1	0	4		7.4	36.6	30	17	0	00	7	02	1	0	0	-	8.3	29.5	55	19	0
		GÍZA	00	8	28	1	0	4	8	7.4	38.3	27	16	0	00	7	02	1	0	0	-	8.4	32.0	37	15	0
	143	HELWÂN	00	8	28	2	0	4	8	7.1	36.5	23	12	0	00	7	02	4	0	0	-	7.4	32.9	29	13	0
UPPER EGYPT	153	FAIYÛM	00	8	02	2	0	0	-	7.0	38.3	23	13	0	00	8	02	1	0	0	-	6.0	34.0	31	14	0
		BENI SUEF	00	9	28	1	0	0	-	7.1	39.2	23	14	0	00	9	18	1	0	0	-	6.2	31.1	51	20	0
	162	MINYA	00	8	02	1	0	0	-	7	38	29	17	0	00	7	19	2	0	0	-	6	31	52	20	0
	155	ASYÛT	00	9	28	1	0	0	-	7.0	36.8	19	10	0	00	6	32	1	0	0	-		28.8	41	14	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	6.4	37.7	29	17	0	00	8	00	0	0	0	-	7.2	28.0	62	20	0
	156	QENA	00	9	22	4	0	0	-	5.6	41.0	14	08	0	00	6	24	2	0	0	-	6.3	32.4	35	15	0
	157	LUXOR	00	8	26	3	0	0	-	5	41	16	10	0	00	7	00	0	0	0	-	7	34	23	10	0
	158	ASWÂN	00	9	24	1	0	0	-	7.0	42.0	22	16	0	00	9	00	0	0	0	-	5.4	38.0	18	10	0
OASES	148	SIWA	00	8	28	3	0	0	-	9.6	37.2	38	20	0	00	6	00	0	0	0	-	9.0	33.4	52	22	0
	149	BAHARÍYA	00	8	24	1	0	0	-	7.8	39.0	17	10	0	00	7	00	0	0	0	-	7.4	32.0	28	11	0
		FARAFRA												0	00	7	28	1	0	0	-	8.2	31.0	23	08	0
	152	DAKHLA	00	9	00	0	0	0	-	6.4	40.0	18	12	0	00	8	00	0	0	0	-	5.6	36.1	20	10	0
	151	KHARGA	00	9	00	0	0	0	-	6.4	40.9	14	08	0	00	7	00	0	0	0	-	6.3	34.4	17	06	0
RED SEA	144	SUEZ	00	8	00	0	0	0	-	6.9	37.8	27	21	0	00	5	32	4	0	0	-	7.0	31.6	47	19	0
	145	TÛR	00	8	00	0	0	0	-		40.5	20	13	0	00	8	25	2	0	0	-		30.2	70	24	0
	163	HURGHÂDA	00	9	04	1	0	0	-	7	34	53	23	0	00	8	22	2	0	0	-	7	32	18	05	0
	147	QUSEIR	00	8	02	2	0	0	-	6.8	31.2	64	23	0												
	208	PORT SUDÂN	05	6	28	3	1	10	4	3	41	30	20	0												
NORTH SUDAN	165	WADI HALFA												0												
	166	KAREIMA												0												
	167	'ATBARA												0												
	209	KHARTÛM	00	8	18	1	0	2	4	7	36	42	21	0												
	170	KASSALA												0												
CENTRAL SUDAN	171	WAD MEDANI	01	8	20	3	1	3	8	10			21	0												
	182	RENK	01	9	20	1	2	7	8	9	32	56	22	0												
	172	ROSEIRES												0												
	174	EL OBEID	01		22	3	0	5	4	7	31	43	17	0												
	175	EL FÂSHER	01	8	12	2	1	3	4					0												
	179	GENEINA												0												
S. SUDAN	176	MALAKÂL	01	8	00	0	1	7	4	8	32	56	22	0												
	177	WÂU	01	8	00	0	1	7	4	8	32	56	22	0												
	178	JUBA	01	8	32	1	0	3	8	8	32	49	20	0												

HUMIDITY

Mean of day

STATION	on 11 th	Diff. from normal
Alexandria	76	+2
Ezbekiya	58	-3
Giza	52	-10
Helwân	41	-10

GIZA GRASS MINIMUM TEMP. ON 12 th 17.8 °C

Remarks

UPPER AIR OBSERVATIONS on 11 th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AERODROME AGENT ON 11th AT 05

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C
SURFACE			
500	971	34	19
1000	953	32	19
1500	950	32	19
2000	900	28	16
3000	850	24	13
4000	800	19	13
5000	750	14	8
6000	700	11	3
7000	650	9	-2
8000	600	5	-1
9000	550	0	-3
10000	500	-4	-5
11000	450	-8	-8

FAROUK AIRPORT RAWINSONDE ON AT

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD VV
SURFACE				
1000				
950				
900				
850				
800				
700				
600				
500				
400				
300				
250				
200				
150				
100				

STATION			MATRUH			P. SAID		
TIME			1H			1H 30		
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV
200			360	12	350	23		
500			320	13	290	16		
1000			300	14	290	21		
1500			300	14	250	22		
2000			290	12	260	21		
3000			280	9				
4000			280	8				
5000			260	9				
6000			280	24				
7000								
8000								

STATION																
TIME																
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200																
500																
1000																
1500																
2000																
3000																
4000																
5000																
6000																
7000																
8000																

At 0600 on THURSDAY 12 th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESSURE M.S.L. mbs. PPP	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb TT	MAXIMUM Yesterday T_xT_x	MAXIMUM Diff. from norm.	MINIMUM Today T_nT_n	MINIMUM Diff. from norm.	HUMIDITY % UU	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL Total From Oct. 1	RAINFALL Norm. From Oct. 1	STATION	AREA
MEDITERRANEAN	146	SIDI BARÂNI	01	9	24	2	0	3	8	10.4		26.4	29		20		75	21	0	171		SIDI BARÂNI	MEDITERRANEAN
	160	MATRÛH	00	8	28	4	1	2		10		26	31		22		79	22	0			MATRÛH	
	134	EL DABA																	0	177		EL DABA	
	132	ALEXANDRIA	01	9	24	3	1	5	5	9.8	-0.2	26.4	30	0	22	-2	79	22	0	209	186	ALEXANDRIA	
	150	FOUAD (Airport)	00	7	22	1	0	1	6	9.2	-	28			21		70	22	0	213	138	FOUAD (Airport)	
	159	DAMIETTA	00	8	20	3	0	0	-	8.8	-0.1	26.9	33		21		70	21	0	85	106	DAMIETTA	
	161	PORT SAÏD	00	7	23	2	0	1		9		27	32		25		84	24	0	56	81	PORT SAÏD	
	135	EL 'ARISH	00	9	16	1	0	1	6	9.1	-0.1	27.7	32	+1	19	-2	68	22	0		94	EL 'ARISH	
LOWER EGYPT	136	DAMANHUR																	0	105	101	DAMANHÛR	LOWER EGYPT
	137	MANSURA	00	8	30	1	0	0	-	9.5	+0.3	27.8	37	+2	21	0	65	21	0	73	55	MANSÛRA	
	138	TANTA	00	8	00	0	0	0	-	10.0	+0.2	25.0	37	+2	19	-1	84	22	0	26	NIL	TANTA	
	139	ZAGAZIG	00	6	32	2	0	0	-	9.6	-0.3	28.0	37	+2	20	0	77	24	0	36	27	ZAGAZIG	
		SHIBÎN EL KÔM	00	7	22	1	0	0	-	10.2	+0.5	25.3	39		21		68	19	0	34		SHIBÎN EL KÔM	
		ISMAÏLÍA	00	7	26	2	0	0	-	9.0		29.0					57	20	0	21		ISMAÏLÍA	
CAIRO AREA	928	FAROUK(Airport)	00	7	00	0	0	0	-	9		27	38		23		59	19	0			FAROUK(Airport)	CAIRO AREA
	141	ALMÁZA	00	7	00	0	0	0	-	9.1	-0.4	28.8	38		22		54	18	0	25		ALMÁZA	
		EZBEKÍYA	00	7	30	1	0	0	-	9.2	-0.3	27.4	38	+3	23	+1	58	20	0	32	26	EZBEKÍYA	
		GÍZA	00	7	30	1	0	0	-	9.2	-0.2	28.1	39	+4	20	0	68	21	0	31	27	GÍZA	
	143	HELWÂN	05	5	00	0	0	0	-	9.0	-0.4	27.6	38	+3	22	+1	55	18	0	19	24	HELWÂN	
UPPER EGYPT	153	FAIYÛM	00	8	32	1	0	0	-	8.8	-0.9	29.3	39	+3	23	+2	49	17	0	11	8	FAIYÛM	UPPER EGYPT
		BENI SUEF	00	9	06	1	0	0	-	8.8		28.9	39		22		64	21	0	11		BENI SUEF	
	162	MINYA	00	7	32	2	0	0	-	8		28	40		21		66	21	0	12		MINYA	
	155	ASYÛT	00	7	28	1	0	0	-	7.9	-0.7	28.6	39	+2	22	-1	36	12	0	dr	H	ASYÛT	
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-			32.0	38		19		40	17	0	•		NAG' HAMMÂDI	
	156	QENA	00	8	24	2	0	0	-	8.0	+0.8	29.6	42	+2	23	-1	37	14	0	5		QENA	
	157	LUXOR	00	9	00	0	0	0	-	8		36	42		22		20	10	0	dr		LUXOR	
	158	ASWÂN	00	9	00	0	0	0	-	8.2	+1.0	32.3	43	+2	27	+1	34	14	0	dr		ASWÂN	
OASES	148	SIWA	00		28	1	0	0	-	11.6	-0.3	27.8	39	+1	20	0	61	28	0	23	8	SIWA	OASES
	149	BAHARÍYA	00	8	00	0	0	0	-	9.8	-0.7	30.0	40	+4	21	+1	47	17	0	18	7	BAHARÍYA	
		FARAFRA	00	7	32	1	0	0	-	10.2		30.0	40		23		39	14	0	-		FARAFRA	
	152	DAKHLA	00	8	00	0	0	0	-	9.2	0.0	28.8	41	+2	24	+1	24	07	0	dr		DAKHLA	
	151	KHARGA	00	9	00	0	0	0	-	8.2	-0.2	29.8	42	+3	23	0	27	09	0	0		KHARGA	
RED SEA	144	SUEZ	00	8	32	1	0	0	-	8.0	-0.6	27.8	40	+4	23	0	70	22	0	-	17	SUEZ	RED SEA
	145	TÛR	00	8	28	2	0	0	-			29.3	43	+3	25	0	78	25	0	0	13	TÛR	
	163	HURGHÂDA	00	9	30	1	0	0	-	7		30	37		26		62	22	0	1	3	HURGHÂDA	
	147	QUSEIR	00	8	32	2	0	0	-	7.5	+1.1	34.0	35	+1	27	0	31	14	0	0	4	QUSEIR	
	208	PORT SUDÂN	01	7	20	3	1	5	4,2	5		33			29		38	21	0	291	103	PORT SUDÂN	
NORTH SUDAN	165	WADI HALFA																	0	tr		WÂDI HALFA	NORTH SUDAN
	166	KAREIMA	05	5	04	1	1	5	4	8		32			29		41	17	dr	dr	16	KAREIMA	
	167	'ATBARA	00	7	20	2	0	0	-	8		32			29		38	16	0	2	39	'ATBARA	
	209	KHARTÛM	01	8	20	3	1	5	4	11		28			25		66	21	dr	33	97	KHARTÛM	
	170	KASSALA																	0	72	192	KASSALA	
CENTRAL SUDAN	171	WAD MEDANI	01		24	3	8	3	4	11		24					84	21	3	248	252	WAD MEDANI	CENTRAL SUDAN
	182	RENK																	0		242	RENK	
	172	ROSEIRES	01	8	16	2	1	3	4			31					89	21	0	NHS	510	ROSEIRES	
	174	EL OBEID	02	8	00	0	1	8	4	12		24			21		84	21	14	294	214	EL OBEID	
	175	EL FÂSHER	02	8	00	0	1	8	4			24					84	21	0	77	190	EL FÂSHER	
	179	GENEINA																	0	10	340	GENEINA	
S. SUDAN	176	MALAKÂL	02	8	02	2	1	8	4,4	13		24			23		89	22	dr	506	577	MALAKÂL	S. SUDAN
	177	WÂU	02	8	00	0	1	10	4	15		23			22		94	22	0	631	806	WÂU	
	178	JUBA	02	8	00	0	1	10	4	14		23			22		89	21	0	658	775	JUBA	

UPPER AIR OBSERVATIONS on 12 th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÁZA		HELWAN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			4				3 50						6 45						5 45		5		H 45	
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			290	16			260	3					340	7					290	3			350	3
500			270	9			280	10					330	12					340	16	360	16	11	4
1000			280	12			290	13					330	7					340	16	360	10	9	4
1500			270	12			260	15					320	10					300	18	330	14	330	7
2000							320	5					310	13					270	32	290	24	310	10
3000													320	13										
4000													300	13										
5000													260	10										
6000													300	26										
7000													290	24										
8000													270	23										

STATION	BAHARIYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME			5		6		8		5				3 45						4		4		03 45	
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			320	7	340	6	340	23	70	10														
500			340	11	320	9	340	19	60	23														
1000			320	15	310	13	340	16	40	22			170	16					290	5	290	5	270	5
1500			300	15	280	19	350	8	30	13			220	11					110	4	110	4	230	8
2000			300	29	260	18	360	6	60	17			280	2					110	4	110	4	180	4
3000									70	17			110	10					110	15	110	15	100	10
4000																			120	20	120	20	130	11
5000																								
6000																								
7000																								
8000																								

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto stratus	5
Strato cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

as on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Printed by the Survey of Egypt 1948 (48/1951)

Note: All times G. M. T.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on Thursday 12th August 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction

Wind force is indicated by flashes on the arrow

Each flash stands for 2 units of Beaufort scale

Indicates Cold front

" Warm

" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure

L " Low "

The remaining symbols are found on the back of this chart

SCALE 1 15 000 000

CAIRO

Time of Sunrise 03 21 G.M.T.

" " Sunset 16 38 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: FRIDAY 13th AUGUST, 1948.

MAR 8 1949 WEATHER BUREAU

At 1200 on THURSDAY 12th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
Mediterranean	116	SIDI BARANI	00	9	26	3	0	0	–	11.0	22.6	49	16	0
	160	MATRUH	00	8	30	5	0	0	–	10	29	66	22	0
	134	EL DABA	00	8	28	3	0	0	–		31.2	49	19	0
	132	ALEXANDRIA	00	9	28	3	0	0	–	9.8	29.0	72	23	0
	150	FOUAD (Airport)	00	8	26	3	0	0	–	9.5	30	55	20	0
	159	DAMIETTA	00	8	28	3	0	0	–	8.8	29.5	63	21	0
	161	PORT SAÏD	00	8	31	3	0	0	–	9	29	66	22	0
	135	EL ARISH	01	9	30	4	1	5	8	8.7	29.6	68	23	0
Lower Egypt	136	DAMANHUR	00	7	24	4	0	0	–	9.5	32.4	48	23	0
	137	MANSURA	00	8	30	2	0	0	–	8.8	35.0	41	20	0
	138	TANTA	00	8	25	3	0	0	–	9.4	36.0	38	19	0
	139	ZAGAZIG	00	6	32	2	0	0	–	9.4	35.0	42	20	0
		SHIBIN EL KOM	00	8	30	3	0	0	–	9.5	36.9	31	16	0
		ISMAILIA	00	8	28	1	0	0	–	8.0	37.0	20	11	0
Cairo Area	928	FAROUK (Airport)	00	8	28	4	0	0	–	9	36	18	08	0
	141	ALMAZA	00	8	28	3	0	0	–	8.6	35.0	24	11	0
		EZBEKIYA	00	8	30	2	0	0	–	8.4	35.7	26	14	0
		GIZA	00	8	30	2	0	0	–	8.8	35.9	23	12	0
	143	HELWAN	00	7	28	5	0	0	–	8.2	36.0	18	03	0
Upper Egypt	153	FAIYUM	00	8	32	2	0	0	–	7.6	36.9	19	09	0
		BENI SUEF	00	9	30	1	0	0	–	7.5	39.8	19	12	0
	162	MINYA	00	8	02	4	0	0	–	8	37	25	14	0
	155	ASYUT	00	8	26	2	0	0	–	7.0	37.8	20	11	0
	164	NAG HAMMADI	00	8	00	0	0	0	–		38.0	22	13	0
	156	QENA	00	9	26	3	0	0	–	6.7	41.4	15	09	0
	157	LUXOR	00	8	26	3	0	0	–	6	41	17	11	0
	158	ASWAN	00	9	32	1	0	0	–	4.7	41.0	14	09	0
Oases	148	SIWA	00	8	28	2	0	0	–	12.3	38.5	53	27	0
	149	BAHARIYA	00	8	32	1	0	0	–	8.3	38.0	16	08	0
		FARAFRA	00	8	24	1	0	0	–	9.2	38.8	22	13	0
	152	DAKHLA	00	9	28	3	0	0	–	7.2	39.3	16	09	0
	151	KHARGA	00	9	00	0	0	0	–	5.5	36.9	14	06	0
Red Sea	144	SUEZ	00	8	32	2	0	0	–		37.0	22	12	0
	145	TOR	00	8	28	3	0	0	–		39.1	33	19	0
	163	HURGHADA	00	9	00	0	0	6	1	6	34	59	25	0
	147	QUSEIR	00	8	02	2	0	0	–	6.8	33.0	61	25	0
	208	PORT SUDAN	01	7									26	0
Northern Sudan	165	WADI HALFA												
	166	KAREIMA												
	167	ATBARA												
	209	KHARTUM	00	8	18	2	1	2	8,3	4	29	46	16	0
	170	KASSALA												
Central Sudan	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES	01	8	20	2	1	3	4	10	27	79	23	0
	174	EL OBEID												
	175	EL FASHER	01		08	5	1	7	8,4		31	49	19	0
	179	GENEINA												
Southern Sudan	176	MALAKAL	01		26	2	1	5	8,1	8	32	56	22	0
	177	WAU	01	8	28	3	1	7	8,4	9				
	178	JUBA												

At 1800 on 12th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARANI	00	8	26	2	0	0	–	10.8	25.1	93	24	0
MATRUH	00	7	28	3	0	0	–	11	26	89	24	0
EL DABA	00	8	28	3	0	0	–	11	26	89	24	0
ALEXANDRIA	00	6	32	1	0	0	–	10.0	25.6	87	24	0
FOUAD (Airport)	00	7	29	1	0	0	–	9.7	26	89	24	0
DAMIETTA	00	7	28	2	1	0	–	8.8	25.2	92	24	0
PORT SAÏD	00	7	29	3	0	0	–	9	27	79	23	0
EL ARISH	00	9	30	3	0	0	–	7.9	26.7	68	20	0
DAMANHUR	00	7	24	2	0	0	–	9.6	25.0	84	22	0
MANSURA	00	6	32	2	0	0	–	9.4	26.8	77	23	0
TANTA	00	8	20	1	0	0	–	9.6	26.5	70	20	0
ZAGAZIG	00	6	24	2	0	0	–	9.0	26.2	75	21	0
SHIBIN EL KOM	00	7	28	2	0	0	–	9.9	27.7	64	20	0
ISMAILIA	00	7	02	1	0	0	–	8.3	29.2	58	20	0
FAROUK (Airport)	00	8	02	2	0	0	–	9	31	31	12	0
ALMAZA	00	7	02	1	0	0	–	9.1	31.1	32	14	0
EZBEKIYA	00	7	04	1	0	0	–	9.2	29.0	45	16	0
GIZA	00	7	04	1	0	0	–	9.5	29.5	39	14	0
HELWAN	00	7	32	4	0	0	–	9.0	30.8	31	12	0
FAIYUM	00	8	32	1	0	0	–	8.3	31.8	30	13	0
BENI SUEF	00	9	02	1	0	0	–	8.4	31.9	37	16	0
MINYA	00	7	01	2	0	0	–	8	28	45	15	0
ASYUT	00	6	28	1	0	0	–	7.9	30.6	28	11	0
NAG HAMMADI	00	8	00	0	0	0	–	5.9	28.3	55	18	0
QENA	00	6	24	2	0	0	–	5.9	32.0	26	10	0
LUXOR	00	7	22	2	0	0	–	6	34	25	11	0
ASWAN	00	9	32	1	0	0	–	5.5	37.5	14	06	0
SIWA	00	6	00	0	0	0	–	10.6	34.2	50	22	0
BAHARIYA	00	7	28	1	0	0	–	8.6	34.0	22	09	0
FARAFRA	00	6	32	1	0	0	–	10.0	33.2	16	04	0
DAKHLA	00	8	00	0	0	0	–	7.0	33.8	23	10	0
KHARGA	00	7	00	0	0	0	–	6.8	34.0	20	08	0
SUEZ	00	6	00	0	0	0	–	7.5	31.1	45	17	0
TOR	00	8	28	3	0	0	–		35.8	28	15	0
HURGHADA	00	9	26	1	0	0	–	5.	32	36	15	0
QUSEIR	00	8	04	1	0	0	–	5.5	33.7	25	11	0

(No 1800 entries for Port Sudan or the Sudan stations.)

At 0600 on FRIDAY 13th

Station	Present Weather ww	Visibility V	Wind DD	Wind F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Max. Yesterday T_xT_x	Diff. from norm.	Min. Today T_nT_n	Diff. from norm.	Humidity % UU	Dew Point °C.	Rain Past 24 hrs	Total from Oct. 1	Norm. from Oct. 1	Station
	02	9	26	4	2	9	8	10.2		26.6	28		22		77	23	0	171		SIDI BARANI
	02	7	28	5	1	8	6	10		26	31		20		73	22	0			MATRUH
	00	8	24	4	0	0	–	9.1		27.9	31		20		74	23	0	117		EL DABA
	02	9	28	3	1	8	4	8.4	-1.7	26.6	30	0	24	0	81	23	0	209	186	ALEXANDRIA
	01	7	26	2	1	5	6	8.1		28	31		25		79	24	0	213	138	FOUAD (Airport)
	01	6	20	3	1	3	8	8.0	-1.0	26.8	31		20		80	23	0	85	106	DAMIETTA
	02	7	24	2	1	9	6	8		26	30		24		79	22	0	56	81	PORT SAÏD
	00	9	20	3	0	1	6	8.0	-1.0	27.4	30	-1	22	+1	66	20	0		94	EL ARISH
	02	5	24	3	2	8	8	8.9	-0.8	24.2	33	0	19	-1	88	23	0	105	101	DAMANHUR
	01	7	32	2	1	5	6	8.4	-0.9	26.5	36	+1	21	0	73	21	0	73	55	MANSURA
	01	8	20	1	1	5	8	9.4	-0.5	26.4	36	+1	21	+1	77	22	0	26	44	TANTA
	01	6	24	2	0	5	8	9.2	-0.8	28.1	37	+2	21	+1	71	22	0	36	27	ZAGAZIG
	01	7	28	2	1	5	8	9.1	-0.7	26.2	38		21		63	18	0	34		SHIBIN EL KOM
	00	7	22	1	0	0	–	8.2		25.0					74	20	0	21		ISMAILIA
	01	7	24	3	1	5	6	9		25	37		22		74	20	0			FAROUK (Airport)
	01	8	24	1	0	5	6	8.8	-0.8	25.3	36		22		75	20	0	25		ALMAZA
	01	7	30	1	2	5	8	9.1	-0.5	25.6	37	+2	23	+1	74	21	0	32	26	EZBEKIYA
	01	7	30	1	2	5	8	8.8	-0.7	25.1	37	+2	20	0	76	20	0	31	27	GIZA
	09	6	00	0	0	6	6	8.8	-0.7	24.6	36	+1	21	0	79	21	0	19	29	HELWAN
	00	8	00	0	0	0	–	8.3	-1.4	28.1	39	+3	21	0	58	19	0	11	8	FAIYUM
	00	9	02	1	0	0	–	8.7		29.4	40		19		54	19	0	11		BENI SUEF
	00	7	32	2	0	0	–	9		26	38		18		62	18	0	12		MINYA
	00	7	26	1	0	0	–	8.8	+0.1	28.8	39	+2	22	-1	41	14	0	dr	4	ASYUT
	00	8	00	0	0	0	–	7.1	-0.4	29.7	38		20		51	19	0	0		NAG HAMMADI
	00	8	24	2	0	0	–	6.3	-1.3	31.4	43	+3	24	0	33	13	0	5		QENA
	00	8	00	0	0	0	–	6		34	42		24		30	14	0	dr		LUXOR
	00	9	30	2	0	0	–	6.4	-0.8	30.8	43	+2	26	0	33	13	0	dr		ASWAN
	00	7	28	2	0	0	–	11.2	-0.8	27.2	39	+1	20	0	61	19	0	23	8	SIWA
	00	8	00	0	0	0	–	9.8	-0.7	29.0	38	+2	21	+1	37	13	0	18	7	BAHARIYA
	00	8	00	0	0	0	–	10.2		29.1	40		22		29	09	0			FARAFRA
	00	8	00	0	0	0	–	8.5	-0.7	30.3	40	+1	23	0	34	12	0	dr		DAKHLA
	00	9	02	1	0	0	–	7.8	-0.7	32.0	41	+2	27	+4	32	13	0	0		KHARGA
	00	7	00	0	0	0	–	7.5	-1.2	25.8	40	+4	22	-1	77	22	0	–	17	SUEZ
	00	8	28	4	0	0	–			29.5	39	+5	28	+3	58	20	0	0	13	TOR
	00	9	30	2	0	0	–	6		29	34		25		66	22	0	1	3	HURGHADA
	00	8	32	3	0	0	–	5.8	-0.7	32.0	35	+1	29	+2	47	19	0	0	4	QUSEIR
	01	8	12?	4	1	5	4	3		34			27		56	24	0	291	103	PORT SUDAN
	01	8	22	1	1	3	2	7		31			23		29	11	0	t		WADI HALFA
	00	7	24	4	0	1	1										0	dr	16	KAREIMA
	01	4	26	4	1	5	1	6		33					34	15	0	2	40	ATBARA
	02	7	22	3	1	8	2	10		28			27		55	18	1	34	100	KHARTUM
																	0	72	197	KASSALA
	01	9	20	4	8	5	5	11		25					61	17	R	248	257	WAD MEDANI
																			346	RENK
	02	7	20	4	6	10	7,4			22					78	18	15	463	517	ROSEIRES
	03	8	18	5	1	10	5,1			24			19		50	13	2	296	218	EL OBEID
	02	8	20	2	1	9	6,4			22					65	15	1	78	194	EL FASHER
																			348	GENEINA
																	20	526	583	MALAKAL
																	2	633	813	WAU
	00	8	20	1	1	1	6	11		23			20		78	19	0	658	780	JUBA

HUMIDITY

Mean of 4 days

Station	on 12th	Diff. from normal
Alexandria	81	+7
Ezbekiya	46	-15
Giza	48	-14
Helwan	40	-11

GIZA

Grass Minimum Temp. on 13th 16.7

Remarks

UPPER AIR OBSERVATIONS on 12th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — Aeroplane Ascent on 12th

Height feet (printed)	Height feet (written)	Pressure mbs.	Dry °C	Wet °C
Surface		999	33	24
500		974	34	21
1000		957	32	20
1500	1200	950	32	19
2000	[illegible]	900	28	16
4000	[illegible]	850	24	13
6000	[illegible]	800	21	11
8000	7500	750	17	7
10000	[illegible]	700	12	4
12000	[illegible]	650	11	1
14000	[illegible]	600	7	0
16000	[illegible]	550	3	-1
18000	[illegible]	500	0	-3
20000	[illegible]	450	-6	-7

FAROUK AIRPORT — Rawinsonde on 13th at 3

Pressure mbs.	Height feet	Temp °C	Humidity %	Wind DD	Wind VV
Surface		23	82	320	04
1000	260	23	85	320	04
950					
900	3260	22	25	320	16
850	4880	20	25	320	22
800	6580	15	65	320	23
700	10250	11	–	350	25
600	14420	4	–	320	18
500	19180	-7	–	320	14
400					
300	31760	-27	–	200	93
250					
200					
150					
100					

Pilot balloon winds on 12th

Height m	MATRUH (15) DD	MATRUH VV	P. SAID (14 30) DD	P. SAID VV
200	320	19	330	19
500	320	13	290	24
1000	320	18	300	23
1500	320	16	300	32
2000	360	5		
3000	340	3		
4000	30	14		
5000	330	7		
6000	310	7		
7000				
8000				

UPPER AIR OBSERVATIONS on 13th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Stations: Sidi Barani, Matruh, Fouad Airport, Port Said, Farouk Airport, Almaza, Helwan, Minya, Asyut, Luxor, Aswan, Siwa (entries only as below)

Height m	MATRUH (4) DD	MATRUH VV	FAROUK AIRPORT (03) DD	FAROUK VV	LUXOR (5 15) DD	LUXOR VV	SIWA (4 45) DD	SIWA VV
200	300	16	330	6	300	2	160	7
500	Ent Sc		330	9	350	15	130	4
1000			320	13	10	9	30	3
1500			320	19	360	20		
2000			330	20	340	14		
3000			350	12				
4000								
5000			350	12				
6000			310	17				
7000			230	21				
8000								

Stations: Bahariya, Dakhla, Kharga, Hurghada, Wadi Halfa, Abu Hamad, Kareima, Khartum, Kassala, El Obeid, El Fasher, Malakal (entries only as below)

Height m	DAKHLA (5) DD	DAKHLA VV	KHARGA (6) DD	KHARGA VV	HURGHADA (8) DD	HURGHADA VV
200	30	2	10	8	350	10
500	40	15	20	14	350	20
1000	40	17	10	19	350	24
1500	10	11	10	21	350	26
2000	350	13			330	11
3000					340	32
4000–8000						

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	[illegible]
Thick [illegible]	[illegible]
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	[illegible]
Rain and Snow	68-69
Snow	[illegible]
Showers	[illegible]
[illegible] of Snow	[illegible]
[illegible] of Sleet	[illegible]
[illegible] of Hail	[illegible]
Thunderstorm	[illegible]
[illegible] with Hail	[illegible]
[illegible] with Duststorm	98
[illegible] heavy, with Hail	[illegible]

PAST WEATHER (W)

Clear, slight [illegible]; Variable sky; Mostly overcast; Sandstorm, Duststorm; Fog, Thick Haze; Drizzle; Rain; Snow, sleet; Showers; Thunderstorm.

VISIBILITY (V)

Objects not visible at: 50 metres 0; 200; 500; 1 Kilometre; 2; 4; 10 6; 20 7; 50 8; Visible over 50 Kms 9.

CLOUD FORM (C)

Cirrus; Cirro-stratus 2; Cirro-cumulus 3; Alto-cumulus 4; Alto-stratus 5; Strato-cumulus 6; Nimbo-stratus 7; Cumulus 8; Cumulo-nimbus 9; Stratus 0.

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/195)

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on:
Friday 13th August 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of Beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

S. of F. 1948 (48/193)

SCALE 1 15,000,000

CAIRO
Time of Sunrise 03 21 G.M.T.
" " Sunset 16 37 G.M.T.

MINISTRY OF NATIONAL DEFENCE, METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: SATURDAY 14th AUGUST, 1948.

MAR 8 1949 WEATHER BUREAU

At 1200 on FRIDAY 13th / At 1800 on 13th

Area	Index Number	Station	1200 Present Weather ww	V	Wind DD	Wind F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 6-12 G.M.T. mms	1800 Present Weather ww	V	Wind DD	Wind F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 12-18 G.M.T. mms
Mediterranean	146	SIDI BARANI	14	9	28	6	0	0	-	10.0	28.3	69	22	0	14	8	26	5	3	3	8	7.1	25.0	80	21	0
	160	MATRUH	00	8	30	5	0	0	-	9	29	68	22	0	01	7	28	5	0	3	6	9	25	84	22	0
	134	EL DABA																								
	132	ALEXANDRIA	01	8	28	4	2	5	8	7.8	28.4	72	22	0	02	6	32	3	2	8	8	8.0	25.6	82	23	0
	150	FOUAD (Airport)	01	7	26	3	1	3	6	7.4	29	74	24	0	00	7	28	2	0	0	-	7.0	26	74	21	0
	159	DAMIETTA	00	6	28	4	1	0	-	6.7	29.0	80	25	0	00	6	28	3	1	0	-	6.7	25.9	91	24	0
	161	PORT SAID	00	7	30	3	0	0	-	7	30	70	24	0	05	6	28	4	0	5	6	6	27	84	24	0
	135	EL ARISH	00	9	28	4	0	0	-	6.4	30.3	59	21	0	00	9	30	3	0	2	8	6.6	26.9	83	24	0
Lower Egypt	136	DAMANHUR	00	7	28	4	0	0	-	8.0	32.3	60	23	0	00	6	24	2	0	0	-	7.5	25.8	85	22	0
	137	MANSURA	00	8	30	2	1	0	-	6.7	34.0	48	21	0	00	6	04	2	0	0	-	7.4	27.0	83	24	0
	138	TANTA	00	8	20	2	1	0	-	7.2	34.3	33	16	0	00	8	00	0	0	0	-	8.0	26.6	71	21	0
	139	ZAGAZIG	00	6	26	2	0	0	-	7.2	35.1	45	21	0	00	6	32	2	0	0	-	7.6	29.0	66	23	0
		SHIBIN EL KOM	00	8	28	3	0	0	-	7.2	35.4	33	16	0	00	7	30	2	0	0	-	7.7	26.6	66	20	0
		ISMAILIA	00	8	30	2	0	0	-	5.8	37.4	30	16	0	00	7	28	2	0	0	-	7.0	29.0	52	18	0
Cairo Area	628	FAROUK (Airport)	00	8	28	4	0	0	-	7	34	32	15	0	00	7	30	3	0	0	-	7	30	52	19	0
	141	ALMAZA	00	8	28	2	0	0	-	6.4	33.8	39	17	0	00	7	30	3	0	0	-	6.7	30.1	53	19	0
		EZBEKIYA	00	8	30	2	0	0	-	7.0	33.8	42	19	0	00	7	32	1	0	0	-	7.1	29.1	60	20	0
		GIZA	00	8	30	2	0	0	-	7.2	35.2	35	17	0	00	7	32	1	0	0	-	7.6	29.0	59	20	0
	143	HELWAN	00	8	26	3	0	0	-	6.3	34.8	24	12	0	00	7	30	2	0	0	-	6.3	30.6	45	18	0
Upper Egypt	153	FAIYUM	00	8	30	3	0	0	-	6.0	36.2	24	12	0	00	8	30	3	0	0	-	6.6	31.0	39?	15?	0
		BENI SUEF	00	9	28	1	0	0	-	7.1	39.2	23	14	0	00	9	02	2	0	0	-	6.4	32.1	35?	06?	0
	162	MINYA	00	8	02	3	0	0	-	6	37	22	12	0	00	7	01	2	0	0	-	6	29	46	16	0
	155	ASYUT	00	8	26	1	0	0	-	6.6	37.2	18	09	0	00	6	28	1	0	0	-	6.0	31.2	31	12	0
	164	NAG HAMMADI	00	8	24	1	0	0	-	4.3	38.0	20	12	0	07	8	00	0	0	0	-	4.3	30.0	36	13	0
	156	QENA	00	9	02	2	0	0	-	4.3	42.0	12	07	0	00	6	24	2	0	0	-	3.1	36.0	16	07	0
	157	LUXOR	00	8	32	4	0	0	-	3	41	20	14	0	00	7	27	3	0	0	-	3	35	16	06	0
	158	ASWAN	00	7	30	2	0	0	-	3.9	39.3	13	06	0	00	9	00	0	0	0	-	3.0	36.7	15	07	0
Oases	148	SIWA	00	8	28	3	0	0	-	10.6	39.5	39	23	0			00	0	0	0	-		35.2	48	22	0
	149	BAHARIYA	00	8	28	1	0	0	-	7.8	38.5	15	07	0	00	7	32	1	0	0	-	7.1	34.0	27	12	0
		FARAFRA															32	1	0	0	-	7.2	32.8	20	07	0
	152	DAKHLA	00	7	32	1	0	0	-	6.7	39.0	21	13	0	00	8	00	0	0	0	-	5.8	33.9	27	12	0
	151	KHARGA	00	9	02	1	0	0	-	5.8	38.2	15	07	0	00	7	00	0	0	0	-	4.3	32.9	20	07	0
Red Sea	144	SUEZ	00	8	00	0	0	0	-		31.9	18	10	0	00	6	00	0	0	0	-	6.4	32.9	40	18	0
	145	TOR	00	8	28	4	0	0	-		32.0	46	19	0	00	8	28	3	0	0	-		35.2	46	22	0
	163	HURGHADA	00	9	31	3	0	0	-	4	33	56	23	0	00	8	30	2	0	0	-	3	31	52	20	0
	147	QUSEIR	00	8	32	3	0	0	-	3.7	34.4	44	20	0	00	8	30	2	0	0	-	3.0	31.7	46	19	0
	298	PORT SUDAN	01.	6	04	4	1	5	4,2		37	45	23	0												
Northern Sudan	165	WADI HALFA	01	8	30	4	1	3	2	4	42	18	13	0												
	166	KAREIMA	02	8	16	1	1	10	2	2	41	18	12	0												
	167	ATBARA	00	7	28	2	0	1	6	1	42			0												
	200	KHARTUM	05	7	22	4	1	5	5	6																
	170	KASSALA	02	8	18	3	0	8	8	6	33	41	18	0												
Central Sudan	171	WAD MEDANI	01	8	20	3	1	3		7	32	49	20	0												
	182	RENK																								
	172	ROSEIRES	01	8	20	1	2	3	5	9	27	70	21	0												
	174	EL OBEID	01	8	28	4	1	5	4,3		31		19	0												
	175	EL FASHER	02	8	00	0	1	9	8,4		31	41	16	0												
	179	GENEINA	02	8	24	2					31	38	15	0												
Southern Sudan	176	MALAKAL	02	8	12	2	1	10		10	27	79	23	0												
	177	WAU	02	8	18	2	1	10	6,4	10	30	59	21	0												
	178	JUBA	02	8						11	29	62	21	0												

At 0600 on SATURDAY 14th

Present Weather ww	V	Wind DD	Wind F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb TT	Maximum Yesterday TxTx	Diff. from norm.	Minimum Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C	Rainfall Past 24 hrs	Total from Oct. 1	Norm. from Oct. 1	Station	Area
14	9	28	5	0	1	8	8.3		26.0	29		24		67	19	0	171		SIDI BARANI	Mediterranean
00	7	29	5	0	2	6	8		27			24		69	21	0			MATRUH	
																0	117		EL DABA	
01	9	24	2	2	5	4	6.7	-3.4	27.0	29	-1	24	0	72	22	0	209	186	ALEXANDRIA	
01	7	28	1	1	5	6	6.2		27	30		25		74	22	0	213	138	FOUAD (Airport)	
01	7	20	2	1	5	6	6.4	-2.7	26.8	31		21		78	23	0	85	106	DAMIETTA	
01	7	22	2	1	7	8,6	6		27	32		25		62?	19?	0	56	81	PORT SAID	
01	9	20	3	1	5	6	6.3	-2.8	30.6	31	0	20	-1	56?	21	0		94	EL ARISH	
01	6	28	3	1	3	8	7.0	-2.7	27.4	33	0	22	+2	72	22	0	105	101	DAMANHUR	Lower Egypt
02	7	02	2	2	8	6	6.8	-2.6	26.2	35	0	21	0	75	21	0	73	55	MANSURA	
01	8	00	0	1	7	8	7.4	-2.5	25.6	35	0	20	0	76	21	0	26	44	TANTA	
01	6	24	2	0	5		7.4	-2.7	27.0	35	0	21	+1	72	22	0	36	27	ZAGAZIG	
01	7	28	2	1	5	8			2[illegible].8	36		20		63	18	0	34		SHIBIN EL KOM	
01	7	26	1	1	7	6	6.6		26.4					66	19	0	21		ISMAILIA	
02	7	00	0	1	8	6	7		25			23		70	19	0			FAROUK (Airport)	Cairo Area
01	7	00	0	2	7		6.8	-2.9	24.8	35		23		69	19	0	25		ALMAZA	
02	7	00	0	2	8	8	7.4	-2.3	26.0	36	+1	24	+2	66	19	0	32	26	EZBEKIYA	
02	7	00	0	2	8	8	7.4	-2.2	25.8	36	+1	21	+1	67	19	0	31	27	GIZA	
01	7	00	0	1	5	6	6.8	-2.8	24.5	36	+1	21	0	71	18	0	19	29	HELWAN	
01	8	30	2	1	5	8	7.0	-2.8	25.8	38	+2	22	+1	70	20	0	11	8	FAIYUM	Upper Egypt
01	9	02	1	0	3	1	6.7		26.9	39		22		69	21	0	11		BENI SUEF	
00	8	01	3	0	0	-	7		26	38		21		70	20	0	12		MINYA	
00	7	22	1	0	0	-	7.0	-1.7	28.6	38	+1	23	0	48	17	0	dr	4	ASYUT	
00	8	00	0	0	0	-	5.5	-2.1	30.8	38		21		46	18	0	0		NAG HAMMADI	
00	7	24	2	0	0	-	4.8	-2.5	29.8	44	+4	25	+1	41	11	0	5		QENA	
00	8	00	0	0	0	-	5		34	42		23		27	12	0	dr		LUXOR	
00	9	00	0	0	0	-	5.2	-2.1	30.0	41	0	26	0	38	14	0	dr		ASWAN	
00	7	25	2	0	0	-	10.2	-1.8	24.5	39	+1	22	+2	64	17	0	23	8	SIWA	Oases
00	8	32	2	0	0	-	8.7	-1.9	25.3	40	+4	21	+1	59	16	0	18	7	BAHARIYA	
0·		00	0	0	0	-	8.2		31.8	40		21		31	13	0			FARAFRA	
00	8	00	0	0	0	-	5.6	-4.3	28.0	39	0	23	0	28	08	0	dr		DAKHLA	
00	9	00	0	0	0	-	4.9	-3.7	32.0	38	-1	23	0	39	16	0	0		KHARGA	
00	7	00	0	0	0	-	5.8	-3.0	26.3	39	+3	24	+1	69	20	0	-	17	SUEZ	Red Sea
00	8	28	3	0	0	-			29.1	39	+5	27	+2	83	26	0	0	13	TOR	
00	9	30	4	0	0	-	4		29	33		27		70	23	0	1	3	HURGHADA	
00	6	32	2	0	0	-	3.9	-2.7	32.0	35	+1	27	0	56	22	0	0	4	QUSEIR	
																0	291	103	PORT SUDAN	
																0	tr		WADI HALFA	Northern Sudan
																0	dr	17	KAREIMA	
																0	2	42	ATBARA	
																0	34	102	KHARTUM	
																0	72	202	KASSALA	
																0	248	262	WAD MEDANI	Central Sudan
																0	.	351	RENK	
																0	463	525	ROSEIRES	
																0	296	222	EL OBEID	
																0	78	199	EL FASHER	
																1	11	356	GENEINA	
																17	543	589	MALAKAL	Southern Sudan
																6	639	820	WAU	
																3	661	784	JUBA	

HUMIDITY — Mean of day

Station	13th	Diff. from normal
Alexandria	80	+6
Ezbekiya	62	+1
Giza	63	0
Helwan	59	+8

GIZA — Grass Minimum Temp. on 14th 19.0

Remarks

UPPER AIR OBSERVATIONS on 13th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — Aeroplane Ascent on 13th at 13

Height feet	Pressure	Dry °C	Wet °C
Surface	998	33	24
500	973	33	23
1000	954	32	27
1250 (printed 1500)	951	32	22
2500 (printed 2000)	900	27	17
4000	850	24	14
6000	800	22	9
8000	750	18	8
10000	700	13	4
12000	650	11	1
14000	600	7	-2
16000	550	2	-2
18000	500	-1	-3
20000	450	-8	-8

FAROUK AIRPORT — Rawinsonde on 14th at 03

Pressure mb	Height feet	Temp °C	Humidity %	Wind DD	Wind VV
Surface					
1000					
950					
900	3180	23	25	300	10
850	4800	22	-	300	8
800	6510	20	-	320	15
700	10230	14	-	340	18
600	14420	6	-	10	14
500	19570	-3	-	310	12
400					
300	31980	-26	-	240	28
250					
200	41200	-47	-	230	35
150					
100					

Upper winds on 13th

Station	MATRUH		P. SAID	
Time	14		15 15	
Height m	DD	VV	DD	VV
200	310	36	320	29
500	316	16	290	26
1000	290	36	290	29
1500	280	33	310	20
2000	290	35	330	20
3000	280	31		
4000				
5000				
6000				
7000				
8000				

UPPER AIR OBSERVATIONS on 14th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Station	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SAID		FAROUK AIRPORT		ALMAZA		HELWAN		MINYA		ASYUT		LUXOR		ASWAN		[illegible]	
Time			4		3		3 30						6 45						5 30		5		4 45	
Height m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			300	17	300	10	280	7					320	5					360	8			350	22
500			330	29	310	11	270	7					350	4					350	14	350	5	360	23
1000			340	25	320	12							290	3					360	20	10	19	10	17
1500			340	26	320	16							240	7					350	30	30	8	360	19
2000			320	16									290	7							360	5	350	18
3000													320	13									330	13
4000													340	10									320	18
5000													20	17									340	24
6000													360	18										
7000																								
8000																								

Station	BAHARIYA		DAKHLA		KHARGA		HURGHADA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
Time			5																					
Height m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			240	3																				
500			60	5																				
1000			360	40																				
1500			330	16																				
2000			340	17																				
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick [illegible]	42
Fog in patches	43
Drizzle	50-59
Rain	60-69
Rain and Fog	[illegible]
Rain and Snow	[illegible]
Snow	[illegible]
Showers	80-89
Thunderstorm	[illegible]

PAST WEATHER (W)

Clear, slight [illegible]	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visible over 50 kms	9

CLOUD FORM (C)

Cirrus	1
Cirrostratus	2
Cirrocumulus	3
Altocumulus	4
Altostratus	5
Strato-cumulus	6
Nimbostratus	7
Cumulus	8
Cumulonimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

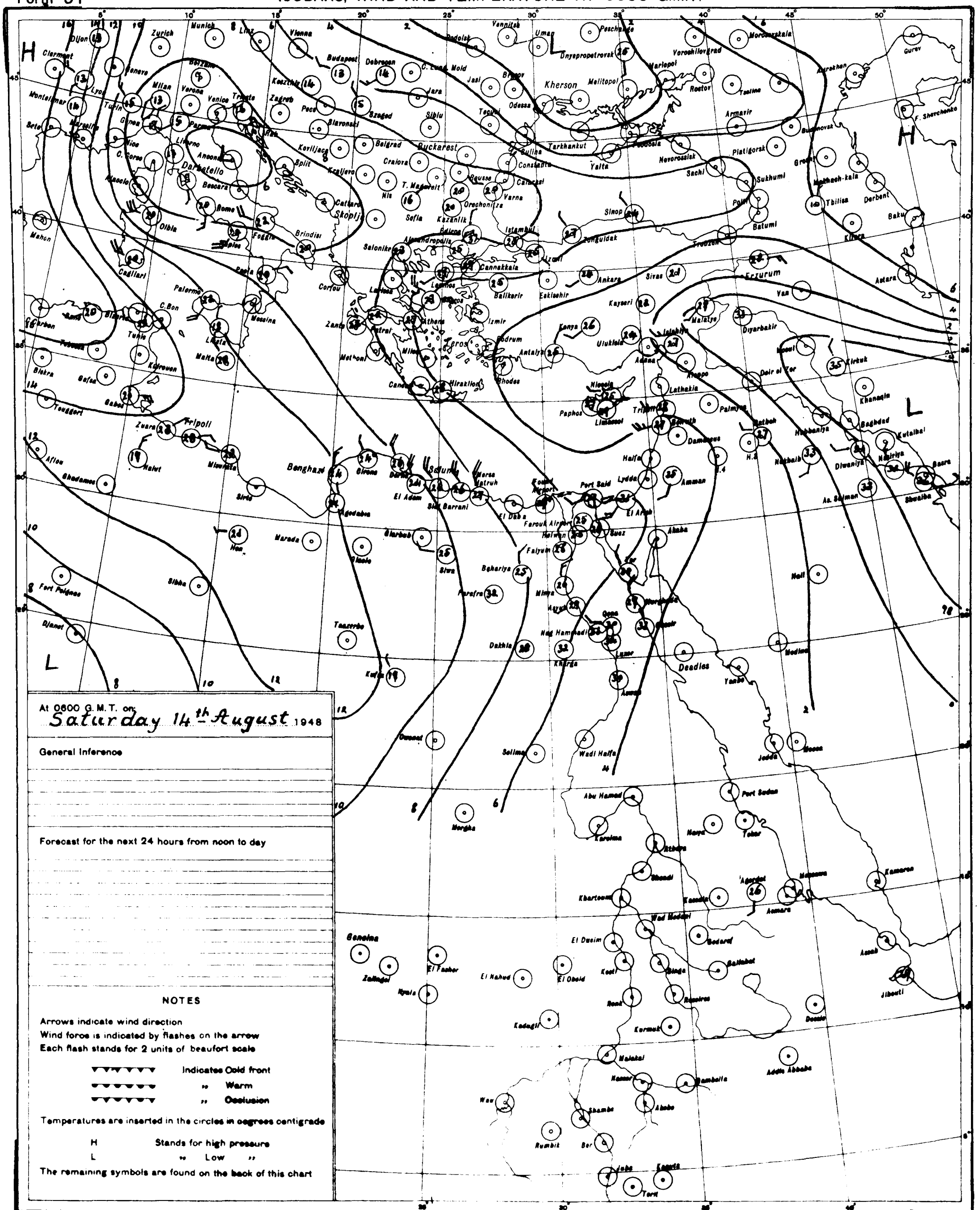
is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Note: All times G.M.T.

Printed by the Survey of Egypt 1948 (48/195)

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: Saturday 14th August 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

SCALE 1 15,000,000

CAIRO

Time of Sunrise 03 22 G.M.T.

" " Sunset 16 36 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: SUNDAY 15 th AUGUST, 1948.

MAR 8 1949 WEATHER BUREAU

At 1200 on SATURDAY 14th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
MEDITERRANEAN	146	SIDI BARANI	14	9	28	6	1	5	8	9.0	27.4	62	19	0
	160	MATRUH	00	8	29	6	0	2	8	8	28	62	20	0
	134	EL DABA												0
	132	ALEXANDRIA	01	9	28	3	2	5	4	6.6	29.2	65	22	0
	150	FOUAD (Airport)	00	7	26	3	0	0	-	5.9	29	66	22	0
	159	DAMIETTA	00	8	28	3	1	0	-	5.9	29.0	72	24	0
	161	PORT SAID	00	8	31	2	0	0	-	5	31	49?	19?	0
	135	EL ARISH	00	9	30	4	0	0	-	5.2	28.7	65	22	0
LOWER EGYPT	136	DAMANHUR	00	7	32	3	0	0	-	6.3	31.0	63	23	0
	137	MANSURA	01	8	32	2	1	3	4	5.6	32.0	54	21	0
	138	TANTA	00	8	20	1	1	0	-	6.2	33.3	48	20	0
	139	ZAGAZIG	00	6	26	2	0	0	-	5.6	33.0	58	24	0
		SHIBIN EL KOM	00	8	02	3	0	0	-	5.6	34.6	36	17	0
		ISMAILIA	00	8	26	1	0	0	-	5.2	34.2	39	18	0
CAIRO AREA	928	FAROUK (Airport)	00	7	20	4	0	0	-	5	31	47	19	0
	141	ALMAZA	00	8	24	1	0	0	-	5.2	31.7	36	16	0
		EZBEKIYA	00	8	30	1	0	0	-	5.4	33.3	41	18	0
		GIZA	00	8	30	1	0	0	-	5.6	34.8	34	17	0
	143	HELWAN	00	8	28	1	0	0	-	5.0	32.4	38	16	0
UPPER EGYPT	153	FAIYUM	00	8	30	2	0	0	-	5.4	32.0	44	18	0
		BENI SUEF	00	9	02	1	0	0	-	4.8	39.3	23	14	0
	162	MINYA	00	8	01	3	0	0	-	5	35	32	16	0
	155	ASYUT	00	8	06	1	0	0	-	5.4	35.3	31	15	0
	164	NAG HAMMADI	00	8	24	1	0	0	-	3.1	38.2	29	17	0
	156	QENA	00	9	24	2	0	0	-	1.5	42.0	11	05	0
	157	LUXOR	00	8	30	3	0	0	-	2	42	12	07	0
	158	ASWAN	00	9	30	2	0	0	-	2.4	40.0	12	05	0
OASES	148	SIWA	00	8	28	3	0	0	-	8.8	36.5	25	13	0
	149	BAHARIYA	00	8	28	2	0	0	-	7.0	34.6	31	15	0
		FARAFRA												0
	152	DAKHLA	00	9	28	3	0	0	-	4.3	38.9	25	15	0
	151	KHARGA	00	9	02		0	0		4.0	39.8	20	13	0
RED SEA	144	SUEZ	00	8	04	3	0	0	-	3.8	34.0	38	18	0
	145	TOR	00	7	28	4	0	4	-		32.0	49	20	0
	163	HURGHADA	00	9	02	2	0	0	-	3	30	74	26	0
	117	QUSEIR	00	8	32	2	0	0	-	2.6	33.0	67	26	0
	298	PORT SUDAN	02	7	10	4	1	9	8	0	38	45	24	0
NORTH SUDAN	165	WADI HALFA	01	8	28	3	1	5	2	3	40	10	02	0
	166	KAREIMA	01	8	28	2	1	5	1	2	41	08	00	0
	167	ATBARA	01	7	20	2	1	5	8,1	1	40	20	13	0
	209	KHARTUM												0
	170	KASSALA	02	8	16	3	1	8	8	6			19	0
CENTRAL SUDAN	171	WAD MEDANI												0
	182	RENK												0
	172	ROSEIRES	01	8	18	3	1	3	5	8	29	57	20	0
	174	EL OBEID	01	8	22	4	1	7	8,1	6	31	55	21	0
	175	EL FASHER									34	36	17	0
	179	GENEINA												0
SOUTH SUDAN	176	MALAKAL	02	8	18	3	8	9	6,4	10	29	70	23	R
	177	WAU	02	8	18	1	1	9	4	9	30	59	21	0
	178	JUBA	02	8	14	1	1	10	8,4	10	28	66	21	0

At 1800 on 14th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARANI	14	8	28	6	0	1	8	9.2	24.7	73	20	0
MATRUH	01	7	29	5	0	7	6	8	25	74	20	0
EL DABA												0
ALEXANDRIA	00	6	02	2	0	0	-	7.6	25.6	88	24	0
FOUAD (Airport)	01	7	29	1	0	3	6	6.3	26	89	24	0
DAMIETTA	00	5	28	2	1	1	8	5.8	25.2	92	24	0
PORT SAID	00	7	31	2	0	2	8	6	27	74	22	0
EL ARISH	00	9	32	2	0	0	-	6.6	25.9	74	21	0
DAMANHUR	00	7	32	2	0	0	-	6.7	25.2	88	23	0
MANSURA	00	6	28	2	1	0	-	6.8	26.8	77	23	0
TANTA	00	8	00	0	0	0	-	6.8	27.0	69	21	0
ZAGAZIG	00	6	32	2	0	0	-	7.0	25.2	69	19	0
SHIBIN EL KOM	00	7	30	2	0	0	-	7.2	27.8	64	21	0
ISMAILIA	00	7	28	2	0	0	-	7.8	28.5	49	16	0
FAROUK (Airport)	00	7	02	4	0	0	-	6	30	51	18	0
ALMAZA	00	7	32	3	0	0	-	5.7	30.4	48	17	0
EZBEKIYA	00	7	32	1	0	0	-	6.6	28.3	65	21	0
GIZA	00	7	32	1	0	0	-	6.3	26.8	60	19	0
HELWAN	00	7	32	2	0	0	-	5.4	30.7	46	18	0
FAIYUM	00	8	02	2	0	0	-	4.8	31.3	41	16	0
BENI SUEF	00	9	28	1	0	0	-	4.7	29.8	59	21	0
MINYA	00	7	00	0	0	0	-	5	28	62	20	0
ASYUT												0
NAG HAMMADI	00	8	00	0	0	0	-	3.1	30.4	39	14	0
QENA	00	6	26	3	0	0	-	2.6	35.6	24	12	0
LUXOR	00	7	28	3	0	0	-	3	36	20	10	0
ASWAN	00	9	32	1	0	0	-	1.5	37.0	11	02	0
SIWA	00	6	32	3	0	0	-	8.4	33.4	50	21	0
BAHARIYA	00	7	00	0	0	0	-	6.7	32.5	29	12	0
FARAFRA												0
DAKHLA	00	8	28	3	0	0	-	5.7	35.4	31	15	0
KHARGA	00	7	00	0	0	0	-	4.2	34.8	23	11	0
SUEZ	00	6	02	3	0	0	-	4.7	29.9	62	22	0
TOR	00	7	28	1	0	0	-		32.5	60	23	0
HURGHADA	00	8	00	0	0	0	-	3	29	70	23	0
QUSEIR	00	8	30	1	0	0	-	3.1	31.0	53	20	0

At 0600 on SUNDAY 15th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs PPP	Diff. from normal mbs.	Dry Bulb TT	Maximum Yesterday T_xT_x	Max Diff from norm.	Minimum Today T_nT_n	Min Diff from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	Station	Area
SIDI BARANI	14	9	28	5	1	5	8	9.8	-	25.0	28		23		71	19	0	171		SIDI BARANI	MEDITERRANEAN
MATRUH	01	8	29	5	1	5	6	9		25	29		23		71	19	0			MATRUH	
EL DABA																	0	117		EL DABA	
ALEXANDRIA	02	9	31	3	1	8	8	7.6	-2.6	26.0	30	0	24	0	79	22	0	209	186	ALEXANDRIA	
FOUAD (Airport)	01	7	27	2	1	3	6	7.2		27	29		24		78	23	0	213	138	FOUAD (Airport)	
DAMIETTA	01	7	20	2	1	3	8	6.7	-2.4	27.0	31		22		82	24	0	85	106	DAMIETTA	
PORT SAID	00	7	22	2	1	7		7		27	32		25		70	21	0	56	81	PORT SAID	
EL ARISH	01	9	16	3	1	7	6	7.1	-2.1	29.4	31	0	23	+2	64	22	0		94	EL ARISH	
DAMANHUR	01	7	28	3	1	5	8	7.8	-2.0	27.2	33	0	21	+1	83	24	0	105	101	DAMANHUR	LOWER EGYPT
MANSURA	01	7	28	2	1	5	6	7.4	-2.0	27.0	35	0	22	+1	78	23	0	73	55	MANSURA	
TANTA	01	8	20	1	1	5	8	8.0	-1.9	25.0	34	-1	20	0	84	22	0	26	44	TANTA	
ZAGAZIG	01	6	32	2	0	7	8	8.3	-1.9	27.5	36	+1	21	+1	77	23	0	36	27	ZAGAZIG	
SHIBIN EL KOM	01	7	30	2	1	5	8	8.3	-1.6	24.0	35		22		71	18	0	34		SHIBIN EL KOM	
ISMAILIA	01	7	00	0	1	5	6	9.4		27.0					60	19	0	21		ISMAILIA	
FAROUK (Airport)	01	7	28	2	1	5	6	8		25	34		23		77	20	0			FAROUK (Airport)	CAIRO AREA
ALMAZA	01	7	30	1	1	5	6	7.6	-2.2	25.2	34		22		77	20	0	25		ALMAZA	
EZBEKIYA	01	7	32	1	1	5	8	8.0	-1.8	26.6	34	-1	23	+1	72	22	0	32	26	EZBEKIYA	
GIZA	01	7	32	1	1	5	8	7.9	-1.8	25.5	36	+1	22	+2	79	22	0	31	27	GIZA	
HELWAN	00	7	30	1	0	2	6	7.8	-1.9	25.0	34	-1	22	+1	71	19	0	19	29	HELWAN	
FAIYUM	00	8	32	1	0	2	8	7.6	-2.3	25.4	36	0	23	+2	75	20	0	11	8	FAIYUM	UPPER EGYPT
BENI SUEF	01	9	02	1	0	5	8,4	7.6		27.1	40		22		72	21	0	11		BENI SUEF	
MINYA	00	7	32	3	0	1	1	8		25	37		22		74	20	0	12		MINYA	
ASYUT	00	7	20	1	0	0	-	7.5	-1.3	27.2	37	0	22	-1	61	19	0	dr	4	ASYUT	
NAG HAMMADI	00	8	00	0	0	0	-	6.4	-1.3	29.9	39		19		54	20	0	0		NAG HAMMADI	
QENA	00	8	22	2	0	0	-	5.9	-1.5	29.1	44	+4	21	-3	45	16	0	5		QENA	
LUXOR	00	8	00	0	0	0	-	5		32	42		25		36	15	0	dr		LUXOR	
ASWAN	00	9	00	0	0	0	-	5.2	-2.2	34.0	42	+1	27	+1	35	17	0	dr		ASWAN	
SIWA	03	7	24	2	2	10	8	11.1	-1.0	23.4	38	0	20	0			0	23	8	SIWA	OASES
BAHARIYA	01	7	22	1	1	5	8	9.1	-1.6	23.5	36	0	20	0	71	17	0	18	7	BAHARIYA	
FARAFRA																	0			FARAFRA	
DAKHLA	00	8	28	3	0	0	-	7.9	-1.5	29.1	40	+1	24	+1	45	16	0	dr		DAKHLA	
KHARGA																	0	0		KHARGA	
SUEZ	01	7	00	0	1	5	8	6.3	-2.6	26.1	36	0	23	0	68	20	0	-	17	SUEZ	RED SEA
TOR	00	8	27	2	0	0	-			28.8			27	+2	70	23	0	0	13	TOR	
HURGHADA	00	8	30	3	0	0	-	6		28	32		24		84	25	0	1	3	HURGHADA	
QUSEIR	00	8	32	3	0	0	-	4.7	-1.9	32.0	34	0	27	0	51	21	0	0	4	QUSEIR	
PORT SUDAN	00	6	24	5	1	1	8,5	4		37					35	19	0	291	103	PORT SUDAN	
WADI HALFA	00	8	00	0	0	0	-	6		31					19	05	0	t		WADI HALFA	NORTH SUDAN
KAREIMA	01	8	22	1	0	3	2	6		31					21	06	0	dr	17	KAREIMA	
ATBARA	18	3	22	6		1	.	7		31					49	19	0	2	43	ATBARA	
KHARTUM	01	8	18	2	0	3	8,1	7								21	0	34	104	KHARTUM	
KASSALA	02	8	26	3	1		6,4									19	0	72	206	KASSALA	
WAD MEDANI	00	9	18	5	0	6	3	12		26					79	22	0	248	267	WAD MEDANI	CENTRAL SUDAN
RENK																	0		355	RENK	
ROSEIRES																	0	463	532	ROSEIRES	
EL OBEID	00	8	26	4	1	2	6,4	11		25					84	22	0	296	226	EL OBEID	
EL FASHER																	9	87	203	EL FASHER	
GENEINA																	0	11	364	GENEINA	
MALAKAL																	0	543	595	MALAKAL	SOUTH SUDAN
WAU																	0	639	827	WAU	
JUBA																	0	661	788	JUBA	

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	
Rain and Snow	66, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now clear	91
" with Hail	94, 96
" with Duststorm	93
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud; Variable sky; Mainly overcast; Sandstorm, Duststorm; Fog, thick dust haze; Drizzle; Rain; Snow, sleet; Showers; Thunderstorm

VISIBILITY (V)

Objects not visible at 50 metres 0; 200; 500; 1 Kilometre; 2; 4; 10; 20; 50; Visible over 50 kms.

CLOUD FORM (C)

Cirrus; Cirrostratus; Cirrocumulus; Altocumulus; Altostratus; Strato cumulus; Nimbostratus; Cumulus; Cumulonimbus; Stratus

WIND FORCE (F)

	K.P.H.	Force
Calm		0
Almost calm		1
Very light	7-12	2
Light	13-19	3
Moderate	20-28	4
Fresh	29-38	5
Strong	39-49	6
Very strong	50-61	7
Gale	62-74	8
Strong gale	75-88	9
Whole gale	89-102	10
Storm	103-117	11
Hurricane	over 117	12

WIND DIRECTION (DD)

On Scale 01-32, e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm

HUMIDITY

Station	Mean of day 14th	Diff from normal
Alexandria	75	+2
Ezbekiya	60	-1
Giza	58	-5
Helwan	55	+4

GIZA Grass Minimum Temp. on 15th 19.5

Remarks

ALMAZA Aeroplane Ascent on 14th at 15 30

Height feet	Pressure	Dry °C	Wet °C
Surface	996	31	26
500	968	30	22
1000	950	28	22
2500	900	25	19
4400	850	21	16
5800	800	22	9
7300	750	18	8
[illegible]	700	16	5
[illegible]	650	13	2
[illegible]	600	8	-1
[illegible]	550	2	-3
[illegible]	500	-4	-6
[illegible]	450	-8	-8
20000			

FAROUK AIRPORT Rawinsonde on 15th at 03

Pressure mb	Height feet	Temp °C	Humidity	Wind DD	Wind VV
Surface		24	85	290	4
1000					
950					
900	3200	23	35	320	11
850	4830	22	-	320	14
800	6540	20	-	340	10
700	10270	15	-	360	9
600	14460	6	-	350	10
500	19260	-5	-	50	20
400					
300	31940	-27	-	250	23
250					
200	41120	-47	-	200	11
150					
100					

UPPER AIR OBSERVATIONS on 14th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Height m	MATRUH (14) DD	VV	P. SAID (14 15) DD	VV	FOUAD A.P (15) DD	VV	MINYA (15) DD	VV
200	310	30	340	16	290	6	360	19
500	310	29	310	14	280	8	340	22
1000	310	30	290	22	290	10	330	19
1500	300	28			290	14	310	25
2000	Ent Cu						310	23
3000								
4000								
5000								
6000								
7000								
8000								

UPPER AIR OBSERVATIONS on 15th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Height m	SIDI BARANI	MATRUH (6 15)	FOUAD AIRPORT (3)	FAROUK A.P (03)	P. SAID (3 30)	ALMAZA	HELWAN (7)	MINYA (3)	ASYUT	LUXOR (5 30)	ASWAN (5)	SIWA (4 45)
200		320 18	300 10	310 6	260 7		360 9	370 27		300 2	340 5	350 10
500		310 28	310 12	330 9	260 9		340 14	350 31		320 6	350 16	360 12
1000		Ent Sc	320 16	320 10	Ent Sc		340 10	360 33		320 3	310 5	Ent Cb
1500			340 23	320 12			310 5	360 45		230 6	230 5	
2000			310 30	350 6			330 6	360 47		210 8	210 10	
3000				340 6			340 6					
4000							10 7					
5000				360 11			360 13					
6000				50 18								
7000												
8000				200 10								

Height m	BAHARIYA	DAKHLA (5)	KHARGA	HURGHADA (8)	WADI HALFA (8 15)	ABU HAMAD	KAREIMA	KHARTUM	KASSALA (5)	EL OBEID	EL FASHER	MALAKAL
200		330 12		240 3								
500		360 10		340 10								
1000		350 18		330 11	330 11				180 22			
1500		340 16		300 9	320 17							
2000		330 19		160 11					240 10			
3000		320 23		140 6	10 26							
4000				150 3	50 10							
5000				150 3								
6000				270 2	360 9							
7000				280 6								
8000												

Note: All times G.M.T.

Printed by the Survey of Egypt 1948 (48/1951)

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G. M. T. on:
Sunday 15th August 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

SCALE 1:15,000,000

MAR 8 1949 WEATHER BUREAU

CAIRO
Time of Sunrise 03 23 G.M.T.
" " Sunset 16 35 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

DAILY WEATHER REPORT

Date : MONDAY 16 th AUGUST , 1948.

Form 91

At 1200 on SUNDAY 15th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C. TT	HUMIDITY % UU	DEW POINT °C.	RAIN 6-12 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI	IN	9	28	5	1	7	8	10.3	24.5	65	19	0
	160	MATRÛH	01	8	30	5	1	5	6	10	28	62	20	0
	134	EL DABA	00	9	28	3	0	0	-	9.5	27.2	76	22	0
	132	ALEXANDRIA	00	8	28	3	0	0	-	7.0	28.0	70	22	0
	150	FOUAD (Airport)	00	7	28	3	0	0	-	7.8	28	79	24	0
	159	DAMIETTA	01	8	28	3	1	3	8	6.7	28.5	75	23	0
	161	PORT SAÏD	00	8	32	3	0	0	-	7	29	70	23	0
	135	EL 'ARISH	00	9	30	4	0	0	-	6.4	29.1	56	19	0
LOWER EGYPT	136	DAMANHUR	00	7	04	3	0	0	-	7.6	30.3	65	23	0
	137	MANŞURA	00	8	30	2	1	0	-	6.7	33.0	55	23	0
	138	ṬANṬA	00	8	28	3	1	0	-	7.4	33.0	50	21	0
	139	ZAGAZIG	00	6	24	2	0	0	-	7.1	33.0	58	24	0
		SHIBÎN EL KÔM	00	8	30	3	0	0	-	7.2	34.3	33		0
		ISMAÏLÍA	00	8	26	1	0	0	-	5.8	34.3	44	20	0
CAIRO AREA	928	FAROUK (Airport)	00	8	02	3	0	0	-	7	32	42	18	0
	141	ALMÂZA	00	8	28	3	0	0	-	6.4	32.4	42	18	0
		EZBEKÎYA	00	8	30	2	0	0	-	6.6	33.3	46	20	0
		GÎZA	00	8	30	2	0	0	-	7.2	33.0	44	19	0
	143	HELWÂN	00	7	28	1	0	0	-	5.9	32.8	39	17	0
UPPER EGYPT	153	FAIYÛM	00	8	32	1	0	0	-	6.0	33.2	37	16	0
		BENI SUEF	00	9	02	1	0	0	-	6.3	35.2	34	17	0
	162	MINYA	00	8	03	3	0	0	-	6	34	44	20	0
	155	ASYÛT	00	8	00	0	0	0	-	5.0	35.1	28	13	0
	164	NAG' HAMMÂDI	00	8	24	1	0	0	-	4.3	37.3	31	17	0
	156	QENA	00	9	24	2	0	0	-	3.1	41.4	15	12	0
	157	LUXOR	00	8	26	2	0	0	-	3	41	19	13	0
	158	ASWÂN	00	9	12	1	0	0	-	4.4	40.6	18	12	0
OASES	148	SIWA	00	8	24	2	0	0	-	10.6	35.6	39	20	0
	149	BAHARÎYA	00	8	32	1	1	0	-	7.4	33.0	34	15	0
		FARAFRA												
	152	DAKHLA	00	9	28	2	0	0	-	6.1	36.0	26	13	0
	151	KHARGA	00	7	00	0	0	0	-	5.0	38.1	28	16	0
RED SEA	144	SUEZ	00	8	02	3	0	0	-	4.6	34.6	38	18	0
	145	TOR	00	7	28	3	0	0	-		31.2	55	21	0
	163	HURGHÂDA	00	8	32	2	0	0	-	4	31	66	24	0
	147	QUSEIR	00	8	04	2	0	0	-	5.1	31.0	71	25	0
	208	PORT SÛDÂN	00	7	20	3	0	1	8	2	43	27	20	0
NORTH SUDAN	165	WADI HALFA	00	8	20	2	0	0	-	4	41	10	03	0
	166	KAREIMA	00	8	00	0	1	1	2	41	43	13	07	0
	167	ATBARA	05	4	20	2	3	6	8	3	40	26	17	0
	209	KHARTÛM	01	8	20	2	1	5	8	5	36	35	18	0
	170	KASSALA	01	8	22	4	1	5	8,4	3	34	41	19	0
CENTRAL SUDAN	171	WAD MEDANI	01	8	20	3	0	5	9	7	33	47	20	0
	182	RENK												
	172	ROSEIRES	01	8	18	2	1	3						
	174	EL OBEID	01	8	22	3	1	5	8	7	32	49	20	0
	175	EL FÂSHER	00	8	00	0	0	2	8		33	41	18	0
	179	GENEINA	62	8	16	2	1	8	8,4		29	52	18	0
S. SUDAN	176	MALAKÂL												
	177	WÂU	01	8	20	1	1	5	8	9	32	52	21	0
	178	JUBA												

At 1800 on 15th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C. TT	HUMIDITY % UU	DEW POINT °C.	RAIN 12-18 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI	IN	8	28	3	0	0	-	11.1	24.7	72	19	0
	160	MATRÛH	01	7	29	5	2	7	6	10	25	74	22	0
	134	EL DABA	01	7	32	2	1	5	8	11.1		24.8		
	132	ALEXANDRIA	02	6	28	3	1	8	8	9.8	25.2	76	20	0
	150	FOUAD (Airport)	01	7	28	1	1	5	6	8.6	25	84	22	0
	159	DAMIETTA	00	7	28	2	1	0	-	8.0	25.0	87	24	0
	161	PORT SAÏD	01	7	31	3	0	3	6	8	27	84	23	0
	135	EL 'ARISH	02	9	30	3	2	8	8	7.4	24.7	75	22	0
LOWER EGYPT	136	DAMANHUR	00	7	04	2	0	0	-	8.4	24.8	80	21	0
	137	MANŞURA	00	8	32	2	0	0	-	8.6	25.4	82	22	0
	138	ṬANṬA	01	8	24	1	1	5	8	9.2	26.0	79	22	0
	139	ZAGAZIG	00	6		2	0	0	-	9.0	25.2	67	18	0
		SHIBÎN EL KÔM	00	7	28	2	0	0	-	8.0	26.2	63	18	0
		ISMAÏLÍA	00	7	02	2	0	0	-	8.8	28.0	65	21	0
CAIRO AREA	928	FAROUK (Airport)	00	7	32	3	0	0	-	8	28		20	0
	141	ALMÂZA	00	7	02	3	0	0	-	7.9	29.0	51	18	0
		EZBEKÎYA	00	7	32	1	0	0	-	8.2	28.0	58	19	0
		GÎZA	00	7	32	1	0	0	-	8.2	28.2	57	19	0
	143	HELWÂN	00	7	30	3	0	0	-	7.8	29.0	52	18	0
UPPER EGYPT	153	FAIYÛM	00	8	32	1	0	0	-	7.0	30.6	45	18	0
		BENI SUEF	00	9	02	1	0	0	-	7.1	30.6	51	20	0
	162	MINYA	00	7	00	0	0	0	-	6	29	55	19	0
	155	ASYÛT	00	6	22	1	0	0	-	5.7	30.4		13	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	4.6	29.0	57	20	0
	156	QENA	00	6	24	2	0	0	-	4.0	33.4	34	15	0
	157	LUXOR	00	7	26	2	0	0	-	4	34	27	12	0
	158	ASWÂN	00	9	32	1	0	0	-	3.0	32.0	16	08	0
OASES	148	SIWA	00	6	24	2	0	0	-	12.7	32.2	49	20	0
	149	BAHARÎYA	00	7	32	1	0	0	-	8.2	34.5	30	14	0
		FARAFRA												
	152	DAKHLA	00	8	00	0	0	0	-	6.0	33.0	33	15	0
	151	KHARGA	00	7	00	0	0	0	-	5.8	32.9	23	09	0
RED SEA	144	SUEZ	00	5	32	3	0	0	-	6.1	29.5	63	22	0
	145	TOR	00	8	28	2	0	0	-		28.5	74	23	0
	163	HURGHÂDA	00	8	00	0	0	0	-	4	29	59	20	0
	147	QUSEIR	00	8	02	1	0	0	-	4.1	32.0	65	25	0
	208	PORT SÛDÂN												
NORTH SUDAN	165	WADI HALFA												
	166	KAREIMA												
	167	ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SUDAN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S. SUDAN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 0600 on MONDAY 16 th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESSURE M.S.L. mbs. PPP	Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb TT	MAXIMUM Yesterday TxTx	MAXIMUM Diff. from norm.	MINIMUM Today TnTn	MINIMUM Diff. from norm.	HUMIDITY % UU	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL Total From Oct. 1	RAINFALL Norm. From Oct. 1
MEDITERRANEAN		SIDI BARÂNI	02	9	30	5	1	8	8	10.8		24.5	28		23		64	17	0	171	
		MATRÛH	01	7	29	4	1	5	6	11		25	29		23		70	19	0		
		EL DABA	01	7	32	2	1	5	8	11.1		24.8			24		74	22	0	117	
		ALEXANDRIA	01	9	32	2	2	5	4	10.0	-0.3	26.0	29	-1	23	-1	71	20	0	209	186
		FOUAD (Airport)	00	7	30	1	0	0	-	9.6		27	29		24		70	21	0	213	138
		DAMIETTA	01	8	28	2	1	5	8	9.7	-0.5	26.2	30		22		82	23	0	85	106
		PORT SAÏD	01	7	28	2	1	7	6	9		27	31		25		70	21	0	56	81
		EL 'ARISH	01	9	18	3	1	5	8	8.7	-0.5	28.1	31	0	22	+1	49	22	0		94
LOWER EGYPT		DAMANHUR	01	6	20	2	1	5	8	9.6	-0.3	26.3	31	-2	20	0	77	22	0	105	101
		MANŞURA	01	7	02	1	1	5	6	9.5	0.0	26.2	34	-1	21	0	77	22	0	73	55
		ṬANṬA	02	8	00	0	1	8	8	10.4	+0.4	25.4	33	-2	20	0	80	21	0	26	44
		ZAGAZIG	01	6	32	2	0	5	8	9.9	-0.4	27.1	35	0	22	+2	69	21	0	36	27
		SHIBÎN EL KÔM	01	7	28	2	1	3	8	10.3	+0.3	24.5	35		22		81	20	0	34	
		ISMAÏLÍA	01	7	28	1	1	5	6	9.2		27.6					66	21	0	21	
CAIRO AREA		FAROUK (Airport)	02	7	30	2	1	7	6	9		24	35		23			19	0		
		ALMÂZA	02	7	32	2	2	10	7	9.0	-0.9	24.5	34		22			19	0	25	
		EZBEKÎYA	01	7	28	2	1	5	0	10.0	+0.1	25.1	35	0	23	+1	71	19	0	32	26
		GÎZA	01	7	28	2	1	5	6	9.6	-0.2	25.0	34	0	21	+1	69	19	0	31	27
		HELWÂN	05	6	30	2	0	6	5	9.6	-0.2	24.6	34	-1	22	+1	70	18	0	19	29
UPPER EGYPT		FAIYÛM	01	8	02	3	1	5	8	9.6	-0.3	25.5	36	0	21	0	68	19	0	11	8
		BENI SUEF	01	9	02	2	0	3	8	9.0		26.2	35		21		73	21	0	11	
		MINYA	00	7	01	1	0	1	6	9		25	36		21		74	20	0	12	
		ASYÛT	00	7	22	1	0	0	-	8.6	-0.2	26.4	36	-1	22	-1	59	17	0	dr	4
		NAG' HAMMÂDI	00	8	00	0	0	0	-	7.5	-0.3	30.0	37		19		49	18	0	0	
		QENA	00	8	20	2	0	0	-	6.6	-0.2	29.7	42	+2	25	+1	39	14	0	5	
		LUXOR	00	8	00	0	0	0	-	7		34	42		25		27	12	0	dr	
		ASWÂN	00	9	00	0	0	0	-			32.2	43	+2	23	+2	28	11	0	dr	
OASES		SIWA	00	7	28		0	0	-	12.2	+1.1	23.5	33	0	20	0	73	18	0	25	8
		BAHARÎYA	00	7	32	2	0	0	-	10.6	-0.2	24.0	35	-1	20	0	67	17	0	18	7
		FARAFRA																	0		
		DAKHLA	00	8	00	0	0	0	-	8.7	-0.8	31.3	38	-1	24	+1	36	14	0	dr	
		KHARGA	00	9	02	1	0	0	-	7.9	-0.8	28.9	39	0	22	-1	53	18	0	0	
RED SEA		SUEZ	03	6	00	0	2	10	9	8.4	-0.6	25.7	36	0	27	0	73	21	0	-	17
		TOR	00	8	28	2	0	0	-			28.0	34	0	24	+2	71	22	0	0	13
		HURGHADA	00	9	30	4	0	0	-	8		28	31		27		74	23	0	1	3
		QUSEIR	00	8	32	3	0	0	-	6.4	-0.2	31.0	34	0	27	0	60	22	0	0	4
		PORT SUDAN	00	7	30	2	1	0	-	5		32			29		25	14	0	291	103
NORTH SUDAN		WADI HALFA																	0	4	
		KAREIMA																	0	dr	18
		ATBARA																	0	2	44
		KHARTÛM	81	8	29	4	6	10	4	9		24					90	23	14	48	106
		KASSALA	00	8	16	2	1	2	1	11		24					74	19	18	90	210
CENTRAL SUDAN		WAD MEDANI	02	9	24	4	1	10	3	12									21	269	211
		RENK	00	9	20	3	0	0	-	11		28					70	22		467	359
		ROSEIRES																	-	447	539
		EL OBEID	66	6	14	2	1	9	1	11		24			24		80	21	0	296	230
		EL FÂSHER	00	9	00	0	0	0	-			24			22		72	18		87	208
		GENEINA	01	8	02	1	1	7	4			22			21		89	20	1		372
S. SUDAN		MALAKÂL	02	8	14	2	1	8	6,4	13		23					94	22	2	579	601
		WÂU	01	8	22	1	1	6	6,4	13		23			21		89	21	dr	694	334
		JUBA																	0	677	792

HUMIDITY

Mean of day

STATION	on 16 th	Diff. from normal
Alexandria	76	+3
Ezbekiya	60	-1
Giza	63	0
Helwân	59	+8

GIZA GRASS MINIMUM TEMP.

ON 16 th 19.2°C

Remarks

UPPER AIR OBSERVATIONS on 15 th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT — ON 15th AT 17 30

HEIGHT FEET	PRESSURE mb.	DRY °C	WET °C
SURFACE	997	32	27
500	973	32	23
1000	955	31	23
1500	936	31	23
2000	900	26	20
4000	860	24	13
6000	800	22	10
8000	750	20	7
10000	700	18	6
12000	650	13	2
14000	600	8	-1
16000	550	4	-4
18000	500	-1	-6
20000	450	-6	-8

FAROUK AIRPORT — RAWINSONDE — ON 16 th AT 04

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE					
1000	290	29	20		
950					
900	3260	20	45	10	11
850	4870	21	-	50	7
800	6580	20	-	90	7
700	10300	12	-	20	8
600	14480	5	-	50	14
500	19260	-4	-	20	6
400					
300	31860	-39	2	210	4
250					
200	40990	-48	-	240	6
150					
100					

STATION	MATRUH		P. SUDAN		ATBARA	
TIME	14		11			
HEIGHT m.	DD	VV	DD	VV	DD	VV
200	320	14	260	12		
500	320	22	300	19	20	31
1000	310	17	340	17	110	40
1500			20	15		
2000						
3000						
4000						
5000						
6000						
7000						
8000						

STATION	FOUAD A.P		P. SAID							
TIME	15		16 15							
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	300	11	330	10						
500	300	12	320	17						
1000	310	23								
1500	320	16								
2000	320	22								
3000										
4000										
5000										
6000										
7000										
8000										

UPPER AIR OBSERVATIONS on 16 th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			4 30				3 30		4				6 30		3				5 15		5		5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200							320	9					340	10	360	35			350	8	290	5	340	11
500							340	13			360	7	10	23	10	18			10	7	340	10	100	20
1000							340	17			10	10	20	12	20	20			350	11	10	8	20	23
1500											60	7	50	4	320	19			290	4	340	3	90	16
2000											100	6	130	9	320	12					270	2	300	31
3000											20	7	100	7	330	20							350	30
4000													10	12										
5000											30	11	30	10										
6000											30	4												
7000																								
8000											220	10												

STATION	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME			5		6		8		3 30												4 15			
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			90	3	10	10	330	3	360	15														
500			80	3	20	13	340	9	30	15														
1000			80	6	20	16	320	11	20	20											330	17		
1500			70	10	20	14	330	15	350	15											30	10		
2000			70	23			310	8	250	3											30	12		
3000									110	2														
4000									10	6														
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48, 195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto cumulus	4
Alto stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

WIND FORCE (F)

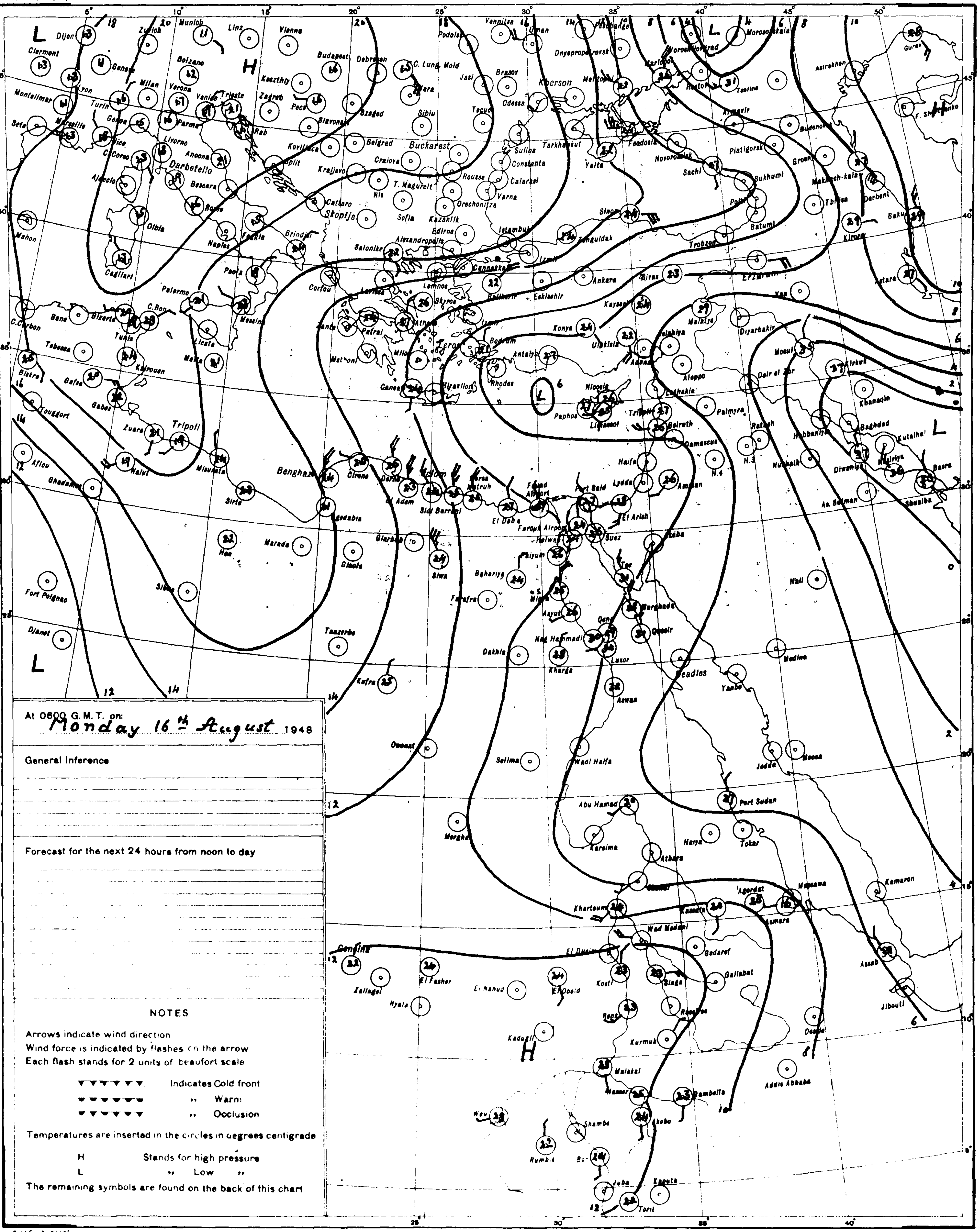
	K.P.H.	Force
Calm	0.1	0
Almost calm	2.6	1
Very light	7.12	2
Light	13.18	3
Moderate	19.26	4
Fresh	27.35	5
Strong	36.44	6
Very strong	45.54	7
Gale	55.65	8
Strong gale	66.77	9
Whole gale	78.90	10
Storm	91.104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

16 on Scale 01 32 e.g.
08 = East, 16 = South
24 = West, 32 = North,
00 is Calm

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: *Monday 16th August* 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼ Indicates Cold front
●●●●●● ,, Warm
▼●▼●▼● ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

S of E (948148/195)

SCALE 1:15,000,000

MAR 8 1949
WEATHER BUREAU

CAIRO
Time of Sunrise 03.23 G.M.T.
" " Sunset 16.34 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

DAILY WEATHER REPORT

Date : TUESDAY 17th AUGUST , 1948.

Form 91

At 1200 on MONDAY 16th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	02	9	28	4	1	5	8	12.2	27.0	60	18	0
	160	MATRÛH	00	8	30	4	1	0	—	12	28	58	19	0
	134	EL DABA	00	8	26	3	0	0	—	10.8	27.3	77	23	0
	132	ALEXANDRIA	00	9	28	3	0	0	—	8.8	27.6	65	21	0
	150	FOUAD (Airport)	00	7	30	3	0	0	—	9.5	29	66	22	0
	159	DAMIETTA	00	8	28	3	1	4m	8	8.8	28.1	77	24	0
	161	PORT SA'ÎD	00	8	32	4	0	0	—	9	29	66	22	0
	135	EL 'ARÎSH	00	9	28	3	0	0	—	8.7	29.4	63	21	0
LOWER EGYPT	136	DAMANHUR	00	7		3	0	0	—	9.5	30.7	53	20	0
	137	MANSURA	00	8	32	2	1	0	—	8.8	33.5	46	21	0
	138	TANTA	00	8	28	2	1	0	—	9.2	34.0	43	20	0
	139	ZAGAZIG	00	6	24	2	0	0	—	9.0	34.2	45	20	0
		SHIBÎN EL KÔM	00	8	28	3	0	0	—	9.4	34.2	42	19	0
		ISMAÎLÎA	00	8	28	1	0	0	—	7.5	36.1	33	17	0
CAIRO AREA	928	FAROUK(Airport)	00	7	32	3	0	0	—	8	32	38	16	0
	141	ALMÂZA	00	8	28	2	0	0	—	8.1	32.2	44	18	0
		EZBEKÎYA	00	8	30	1	0	0	—	8.4	32.4	45	19	0
		GÎZA	00	8	30	1	0	0	—	8.0	33.5	40	19	0
	143	HELWÂN	00	7	32	1	0	0	—	7.5	33.3	32	14	0
UPPER EGYPT	153	FAIYÛM	00	8	30	3	0	0	—	7.5	33.3	31	14	0
		BENI SUEF	00	9	02	1	0	0	—	7.8	34.6	36	18	0
	162	MINYA	00	8	03	3	0	0	—	8	33	38	17	0
	155	ASYÛT	00	8	26	1	0	0	—	7.1	35.1	28	13	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	—	5.4	35.2	28	16	0
	156	QENA	00	9	24	2	0	0	—	4.4	41.0	22	15	0
	157	LUXOR	00	8	25	1	0	4m	1	4	42	17	12	0
	158	ASWÂN	00	9	08	1	0	0	—	4.4	41.3	17	11	0
OASES	148	SIWA	00	8	00	0	0	0	—	11.6	35.6	38	19	0
	149	BAHARÎYA	00	8	04	1	0	0	—	8.6	33.0	30	13	0
		FARAFRA	00	8	32	2	0	0	—	9.8	33.8	24	11	0
	152	DAKHLA	00	9	28	2	0	0	—	7.1	35.6	17	7	0
	151	KHARGA	00	9	00	0	0	0	—	6.3	37.1	26	14	0
RED SEA	144	SUEZ	00	8	00	0	0	0	—	6.6	33.3	40	18	0
	145	TÛR	00	8	28	5	0	0	—	—	30.8	61	22	0
	163	HURGHÂDA	00	9	02	2	0	4m	8	6	30	70	24	0
	147	QUSEIR	00	8	02	2	0	0	—	5.4	31.0	60	22	0
	208	PORT SUDAN	00	7	10	4	0	4m	8	3	38	45	24	0
CENTRAL SUDAN NORTH SUDAN	165	WADI HALFA												
	166	KAREIMA	00	8	00	0	0	0	—	4	40	17	11	0
	167	'ATBARA	01	8	20	2	1	5	4	3	40	19	12	0
	209	KHARTÛM	02	8	20	3	1	8	5,4	7	30	—	—	0
	170	KASSALA	00	8	20	2	0	4m	8	8	32	43	18	0
CENTRAL SUDAN	171	WAD MEDANI	02	8	20	3	1	10	5	9	29	62	21	0
	182	RENK	02	9	20	2	1	8	8	9	31	59	22	0
	172	ROSEIRES	01	8	18	2	1	3	4	6	31	55	21	0
	174	EL OBEID	02	8	19	2	6	10	4		23	84	20	R
	175	EL FÂSHER	01	8	28	1	1	5	8	—	33	41	18	0
	179	GENEINA	01	8	26	3	1	7	6	—	29	47	20	0
S SUDAN	176	MALAKÂL	03	8		3	8	10	6	11	23	95	23	R
	177	WÂU	01	8	20	2	1	5	6,4	9	31	52	20	0
	178	JUBA	02	8	12	1	1	9	8,6	9	33	47	20	0

At 1800 on 16th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	01	8				5	8	11.1	24.3	78	20	0
	160	MATRÛH	01	7	29	5	2	7	6	10	25	74	20	0
	134	EL DABA												
	132	ALEXANDRIA	01	6	32	2	1	5	4	10.2	25.6	73	21	0
	150	FOUAD (Airport)	00	7	29	2	0	0	—	10.2	25	79	21	0
	159	DAMIETTA	00	7	30	3	1	1	8	9.1	25.2	92	24	0
	161	PORT SA'ÎD	01	7	32	3	0	5	6	9	26	84	23	0
	135	EL 'ARÎSH	01	9	32	3	1	5	8	8.7	26.7	80	23	0
LOWER EGYPT	136	DAMANHUR	00	7		2	0	0	—	10.2	24.4	82	21	0
	137	MANSURA	00	6	32	1	0	0	—	9.9	25.5	80	22	0
	138	TANTA	00	8	32	1	0	0	—	9.9	26.5	69	20	0
	139	ZAGAZIG	00	6	24	2	0	0	—	10.2	26.9	67	20	0
		SHIBÎN EL KÔM	00	7	30	2	0	0	—	9.9	26.9	73	22	0
		ISMAÎLÎA	00	8	02	1	0	0	—	9.0	27.0	72	21	0
CAIRO AREA	928	FAROUK(Airport)	00	8	02	4	0	0	—	9	29	52	18	0
	141	ALMÂZA	00	7	02	3	0	0	—	8.9	29.1	52	18	0
		EZBEKÎYA	00	7	02	2	0	0	—	9.8	27.8	58	19	0
		GÎZA	00	7	02	2	0	0	—	9.4	28.0	56	18	0
	143	HELWÂN	00	7	32	3	0	0	—	8.6	29.2	47	16	0
UPPER EGYPT	153	FAIYÛM	00	8	02	2	0	0	—	7.6	30.3	44	16	0
		BENI SUEF	00	9	02	1	0	0	—	7.8	28.1	55	18	0
	162	MINYA	00	7	00	0	0	0	—	7	28	58	19	0
	155	ASYÛT	00	6	22	1	0	0	—	7.8	29.6	37	14	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	—	6.4	29.4	50	17	0
	156	QENA	00	6	24	2	0	0	—	5.0	33.4	31	14	0
	157	LUXOR	00	7	26	2	0	0	—	5	35	15	5	0
	158	ASWÂN	00	9	32	1	0	0	—	4.0	39.0	14	7	0
OASES	148	SIWA			28	2	0	0	—	11.8	32	46		0
	149	BAHARÎYA	00	7	32	1	0	0	—	9.0	31.0	34	13	0
		FARAFRA	00	8	32	2	0	0	—	9.8	33.8	24	11	0
	152	DAKHLA	00	8	00	0	0	0	—	8.5	30.3	30	10	0
	151	KHARGA	00	7	02	1	0	0	—	6.8	32.3	26	10	0
RED SEA	144	SUEZ	00	6	02	2	0	0	—	7.5	29.6	55	20	0
	145	TÛR	00	8	28	2	0	0	—	5.5	28.0	73	23	0
	163	HURGHÂDA	00	9	00	0	0	0	—	6	30	62	22	0
	147	QUSEIR	00	8	02	1	0	0	—	5.9	29.8	66	22	0
	208	PORT SUDAN												
CENTRAL SUDAN NORTH SUDAN	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SUDAN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S SUDAN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 0600 on TUESDAY 17th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. MAXIMUM Yesterday	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
			ww	V	DD	F	W		C	PPP		TT	$T_x T_x$		$T_n T_n$		UU				
MEDITERRANEAN	146	SIDI BARÂNI	0-	9	26	4	0	1	8	12.3		25.0	27		22		80	21	0		
	160	MATRÛH	00	7	23	4	0	0	—	12		25			19		84	22	0		
	134	EL DABA	00	8	28	2	0	0	—			25.3			19		84	22	0	117	
	132	ALEXANDRIA	01	9	30	2	2	5	4	10.5	+0.1	26.0	29	-1	24	+1	71	20	0	209	186
	150	FOUAD (Airport)	01	7	30	2	1	5	6	10.2		27	30		24		70	21	0	213	138
	159	DAMIETTA	01	8	28	2	1	5	6	10.0	+0.7	26.2	30		21		80	22	0	85	106
	161	PORT SA'ÎD	01	7	30	1	1	5	6	10		27	29		25		66	20	0	56	81
	135	EL 'ARÎSH	01	9	24	3	1	7	8	9.4	+0.1	28.3	30	-1	24	+3	66	21	0		94
LOWER EGYPT	136	DAMANHUR	01	6	24	4	1	7	8	10.7	+0.8	26.8	31	-2	20	0	72	22	0	105	101
	137	MANSURA	01	8	02		1	5	8	10.2	+0.6	27.0	35	0	21	0	74	22	0	73	55
	138	TANTA	01	8	24		1	3	8	11.2	+1.0	25.0	34	-1	18	-2	76	20	0	26	44
	139	ZAGAZIG	01	6		2	0	5	8	9.5	-0.9	28.5	35	0	21	+1	78	24	0	36	27
		SHIBÎN EL KÔM	01	7	28	2	0	6	8	11.0	+0.9	28.2	35		20		85	25	0	34	
		ISMAÎLÎA	01	7	30	1	1	7	6	9.8		27.3					64	20	0	21	
CAIRO AREA	928	FAROUK(Airport)	01	7	28	2	1	7	6	11		24	34		22		84	21	0		
	141	ALMÂZA	01	7	02	2	1	3	6	10.3	+0.3	24	34		21		78	19	0	25	
		EZBEKÎYA	01	7	02	1	1	5	8	10.6	+0.6	25.0	34	-1	23	+1	74	20	0	32	26
		GÎZA	01	7	02	1	1	5	8	10.4	+0.5	26.0	34	0	21	+1	68	20	0	31	27
	143	HELWÂN	00	7	30	3	0	2	6	10.2	+0.3	24.2	34	-1	22	+1	73	19	0	19	29
UPPER EGYPT	153	FAIYÛM	01	8	02	3	1	5	8	10.4	+0.4	25.5	36	0	22	+1	70	19	0	11	8
		BENI SUEF	01	9	02	2	0	3	4	9.6		26.4	35		21		72	20	0	11	
	162	MINYA	01	7	01	4	2	3	6	10		24	34		22		79	20	0	12	
	155	ASYÛT	00	7	26	1	0	0	—	9.8	+0.9	26.0	36	0	21	-2	69	20	0	dr.	4
	164	NAG' HAMMÂDI	00	8	00	0	0	0	—	7.9	0.0	28.6	38		21		57	20	0	0	
	156	QENA	00	8	22	3	0	0	—	7.1	-0.4	29.3	42	+3	26	+2	44	15	0	5	
	157	LUXOR	00	8	00	0	0	0	—	7		33	42		20		28	12	0	dr.	
	158	ASWÂN	00	9	00	0	0	0	—	7.8	+0.3	32.0	43	+2	24	-2	33	14	0	dr.	
OASES	148	SIWA	03	7	00	0	2	10	9	13.2	+1.0	23.5	37	-1	20	0	79	19	0	23	8
	149	BAHARÎYA	01	7	04	2	1	3	4	11.5	+0.7	23.5	35	-1	20	0	71	18	0	18	7
		FARAFRA																			
	152	DAKHLA	00	8	00	0	0	0	—	10.0	+0.4	29.6	37	-2	24	+1	37	14	0	dr.	
	151	KHARGA	00	9	02	1	0	0	—	8.6	-0.1	28.9	38	-1	23	0	56	18	0	0	
RED SEA	144	SUEZ	00	7	00	0	0	4m	8	8.7	-0.3	26.1	36	0	23	0	69	20	0		17
	145	TÛR	00	8	28	2	0	0	—	7.2	+0.6	28.5	34	0	24	0	70	22	0	0	13
	163	HURGHÂDA	00	9	30	4	0	0	—	7		28	31		26		79	24	0	1	3
	147	QUSEIR	00	8	32	2	0	0	—	7.1	+0.5	31.3	33	-1	27	0	47	18	0	0	4
	208	PORT SUDAN	00	7	32	1	1	1	4	5		38			30		33	19	0	291	103
CENTRAL SUDAN NORTH SUDAN	165	WADI HALFA	00	7	04	1	0	2	1	9		28			23		25	6	0	tr.	
	166	KAREIMA	01	8	18	1	1	7	4	9		29			26		37	13	0	tr.	18
	167	'ATBARA	01	7	20	3	1	5	4	9		31			29		43	17	0	2	45
	209	KHARTÛM	02	8	18	3	1	8	6,4	11		27			26		66	20	0	48	108
	170	KASSALA	02	8	16	3	1	10	4,5	12		25			23		70	19	0	90	214
CENTRAL SUDAN	171	WAD MEDANI	02	9	14	4	1	9	5	12		24					89	22	0	269	276
	182	RENK																			364
	172	ROSEIRES	01	8	14	1	1	3	6	11		24					94	23	0	467	546
	174	EL OBEID	01	8	18	3	1	7	4	11		23			20		94	22	4tr	337	234
	175	EL FÂSHER	00	8	00	0	0	0	—	—		23			20		89	23	0	87	213
	179	GENEINA																			380
S SUDAN	176	MALAKÂL	61	8	16	1	1	10	6,4	14		23			22		94	22	8	587	607
	177	WÂU	02	8	00	0	6	10	6	14		22			22		95	22	1	695	841
	178	JUBA																	0	697	797

HUMIDITY

Mean for day

STATION	on 16th	Diff. from normal
Alexandria	70	-3
Ezbekiya	59	-2
Giza	57	-6
Helwân	55	+4

GIZA
GRASS MINIMUM TEMP.
ON 17th 18.6 °C

Remarks

UPPER AIR OBSERVATIONS on 16th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT ON 16th AT 17

HEIGHT FEET	PRESSURE mbs	DRY °C	WET °C
SURFACE	998	32	28
500	974	32	23
1000	957	31	23
1500	950	30	22
2000	900	26	19
4000	850	23	17
3000	800	23	10
7000	750	19	7
9000	700	17	5
11000	650	12	1
13000	600	8	-1
15000	550	4	-1
17000	500	-1	-4
20000	450	-4	-6

FAROUK AIRPORT RAWINSONDE ON AT

PRESSURE mbs	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					
250					
200					
150					
100					

STATION		Found.		P. Said		Minya							
TIME		15		18 30		15							
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			340	9	340	19	10	18						
500			320	10	350	17	360	16						
1000			320	11	340	13	360	20						
1500			340	11	350	11	360	23						
2000					20	4	350	25						
3000														
4000														
5000														
6000														
7000														
8000														

STATION													
TIME													
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200														
500														
1000														
1500														
2000														
3000														
4000														
5000														
6000														
7000														
8000														

UPPER AIR OBSERVATIONS on 17th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION		SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÎD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME						3								7		6				5 45		5		4 45	
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200					320	9	330	7	20	10			330	14	340	12			300	4			200	14
500					330	10	Ent	Sc	20	10			10	12	10	13			320	6	360	14	200	16
1000					330	11			40	6			30	13	20	10			310	8	30	5	Ent	Cb
1500					320	14			180	8			160	7	220	5			200	11	240	3		
2000					310	15			210	7			200	10							240	14		
3000									160	13			170	14										
4000									50	8			190	7										
5000									40	9														
6000									20	5														
7000																								
8000																								

STATION		BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME				5		6		8												3 30		4 15		4	
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			90	3	20	11	330	9																
500			30	10	360	20	290	3											270	14			180	14
1000			360	18	360	23	320	9											270	9	260	6	190	14
1500			10	9	360	42	280	6											80	12	360	9	190	23
2000			330	6			180	7													80	9	120	3
3000							140	6													70	18	200	15
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/1951)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto stratus	5
Strato-cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

WIND FORCE (F)

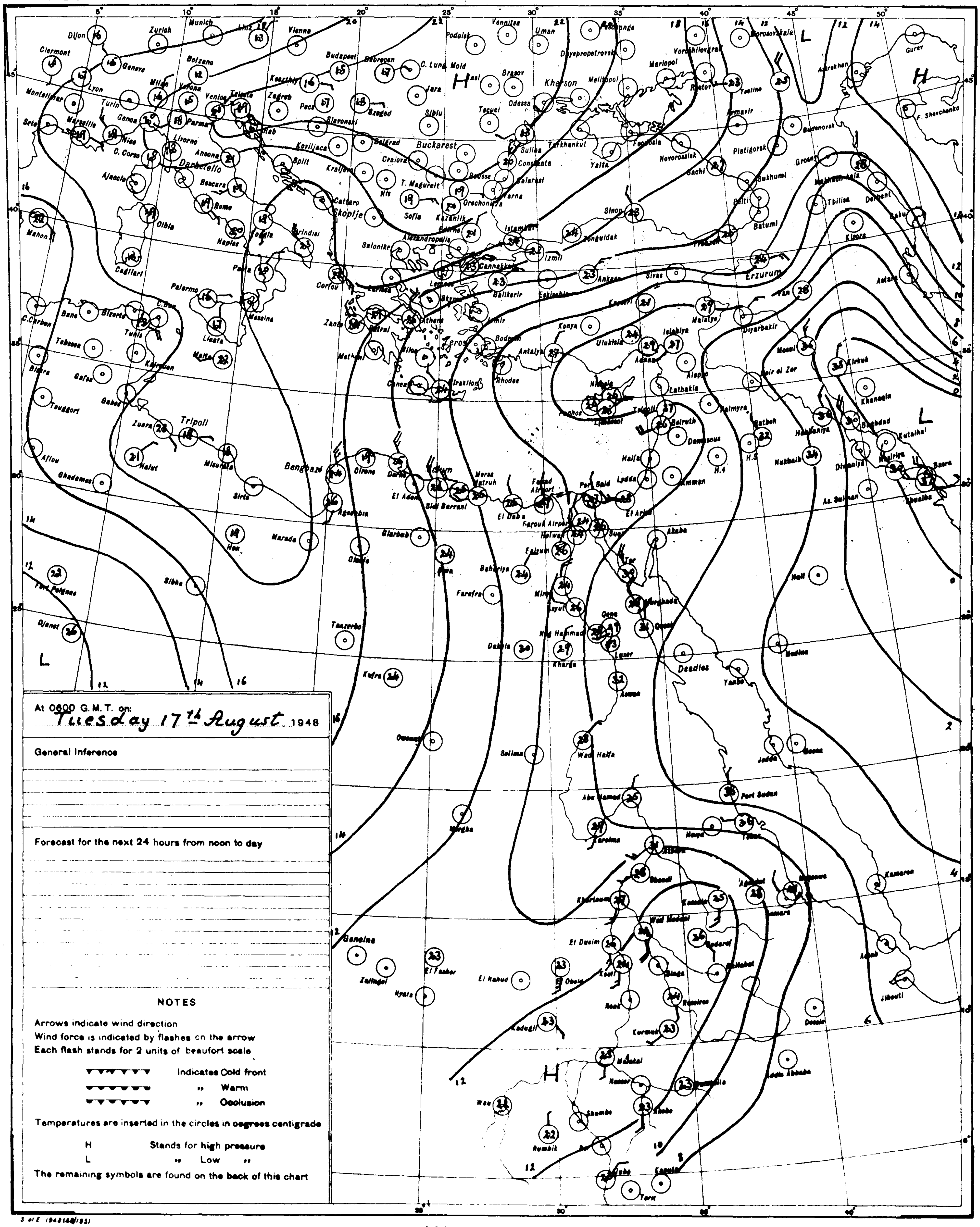
	K P H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

Is on Scale 01-32 e.g.
08 = East 16 = South
24 = West, 32 = North.
00 is Calm

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G. M. T. on:
Tuesday 17th August 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
,, Warm
,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

MAR 8 19 WEATHER BUREAU

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

Form 91

DAILY WEATHER REPORT

CAIRO
Time of Sunrise 03.24 G.M.T.
" " Sunset 16.32 G.M.T.

Date: WEDNESDAY 18th AUGUST, 1948.

AREA	INDEX NUMBER	STATION	At 1200 on TUESDAY 17th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C TT	HUMIDITY % UU	DEW POINT °C	RAIN 6-12 G.M.T. mms	At 1800 on 17th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C TT	HUMIDITY % UU	DEW POINT °C	RAIN 12-18 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI																							
	160	MATRÛH																							
	134	EL DABA																							
	132	ALEXANDRIA	01	9	30	3	2	3	4	9.9	28.8	62	21	0	01	6	32	3	2	5	4	10.4	25.0	76	20	0
	150	FOUAD (Airport)	01	7	30	3	0	3	6	9.8	28	62	21	0	00	7	30	2	1	6	6	9.7	25	79	21	0
	159	DAMIETTA	00	8	28	3	1	0	-	9.1	28.1	73	23	0	00	7	28	2	1	1	8	9.4	25.0	90	23	0
	161	PORT SAÏD	00	7	32	2	0	0	-	9	28	66	21	0	01	7	31	4	0	3	6	8	24	84	23	0
	135	EL 'ARISH	00	9	28	3	0	0	-	8.8	28.8	67	22	0	00	9	28	4	0	1	8	8.6	26.7	78	23	0
LOWER EGYPT	136	DAMANHUR	00	6	26	4	0	0	-	9.1	30.2	62	22	0	00	6	22	3	0	0	-	9.9	25.8	73	21	0
	137	MANSURA	00	8	32	2	1	0	-	8.8	33.0	38	17	0	00	6	28	2	0	0	-	9.8	25.8	81	22	0
	138	TANTA	00	8	24	3	1	0	-	9.9	32.7	44	19	0	00	8	00	0	0	0	-	9.9	26.5	71	20	0
	139	ZAGAZIG	00	6		2	0	0	-	9.0	32.2	53	21	0	00	6	32	2	0	0	-	9.9	27.0	69	21	0
		SHIBÎN EL KÔM	00	8	30	3	0	0	-	9.8	35.9	35	18	0	00	7	30	2	0	0	-	9.7	27.4	66	20	0
		ISMAÏLÎA	00	8	02	1	0	0	-	7.8	35.1	37	18	0	00	8	02	1	0	0	-	8.3	27.5	80	24	0
CAIRO AREA	928	FAROUK(Airport)	00	8	02	3	0	0	-	8	32	44	18	0	00	7	32	4	0	0	-	8	29	59	20	0
	141	ALMÂZA	00	8	32	2	0	0	-	8.3	32	41	17	0	00	7	32	3	0	0	-	8	29	66	22	
		EZBEKÎYA	00	8	32	2	0	0	-	8.4	32.4	45	19	0	00	7	32	2	0	0	-	9.0	28.0	61	20	0
		GÎZA	00	8	32	2	0	0	-	8.7	32.7	41	17	0	00	7	32	2	0	0	-	9.2	27.8	70	22	0
	143	HELWÂN	00	7	30	2	0	0	-	7.8	32.3	34	14	0	00	7	30	3	0	0	-	8.0	29.2	51	18	0
UPPER EGYPT	153	FAIYÛM	00	8	30	2	0	0	-	7.8	33.6	32	15	0	00	8	02	2	0	0	-	7.9	30.2	49	18	0
		BENI SUEF	00	9	02	1	0	0	-	7.6	34.6	25	17	0	00	9	02	1	0	0	-	7.4	28.1	54	18	0
	162	MINYA	00	8	02	3	0	0	-	8	34	39	18	0	00	7	00	0	0	0	-	7	28	52	17	0
	155	ASYÛT	00	8	22	1	0	0	-	7.8	33.8	27	12	0	00	6	22	1	0	0	-	7.6	28.0	44	15	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	6.0	37.3	31	17	0	00	8	00	0	0	0	-	6.2	26.8	66	20	0
	156	QENA	00	6	22	2	0	0	-	4.8	42.0	20	14	0	00	6	24	2	0	0	-	5.6	32.2	36	15	0
	157	LUXOR	00	8	19	3	0	6	8	5	41	16	10	0	00	7	00	0	0	0	-	5	34	20	08	0
	158	ASWÂN	00	9	26	1	0	0	-	4.6	40.4	15	09	0	00	9	30	1	0	0	-	3.5	35.8	12	02	0
OASES	148	SIWA	00	8						12.3	32.3	39	16	0	00	6	28	2	0	0	-	11.4	32.0	49	20	0
	149	BAHARÎYA	00	8	32	1	1	0	-	9.2	32.5	31	13	0								9.1	30.5	34	12	0
		FARAFRA																								
	152	DAKHLA	00	9	28	2	0	0	-	8.0	35.0	18	07	0	00	8	28	1	0	0	-	7.5	31.7	25	09	0
	151	KHARGA	00	9	30	1	0	0	-	6.8	36.3	21	14	0	00	7	00	0	0	0	-	7.4	31.2	26	09	0
RED SEA	144	SUEZ	00	8	02	2	0	0	-	7.7	33.6	38	18	0	00	6	32	2	0	0	-	7.6	29.5	50	18	0
	145	TÛR	00	8	28	2	0	0	-	5.4	21.2	58	22	0	00	8	28	2	0	0	-	5.0	29.3	45	22	0
	163	HURGHÂDA	00	9	02	2	0	1	4	6	30	34	26	0	00	8	00	0	0	6	4	5	28	79	24	0
	147	QUSEIR	00	8	32	2	0	0	-	6.4	31.4	76	24	0	00	8	02	1	0	0	-	5.4	30.0	73	25	0
	208	PORT SÛDAN	01	7	06	5	1	3	8,4	3	37	59	28	0												
N. SUDAN	165	WADI HALFA	02	8	20	1	0	6	4	5	41	11	05	0												
CENTRAL SUDAN	166	KAREIMA	01	8	28	2	1	3	3	7	41	13	07	0												
	167	'ATBARA	01	7	20	3	1	5	6,1	4	40	20	13	0												
	209	KHARTÛM	01	8	20	3	1	3	8	9	33	53	22	0												
	170	KASSALA	01	8	22	2	0	3	8	8	34	41	19	0												
	171	WAD MEDANI	02	8	20	5	1	10	4	8	32	56	22	0												
	182	RENK	01	9	20	2	1	7	8	11	31	58	22	0												
	172	ROSEIRES	01	8	14	2	1	3	5	8	31	55	21	0												
	174	EL OBEID	02	8	20	3	1	9	8,4	7	29	59	20	0												
	175	EL FÂSHER	00	8	00	0	0	2	8		32	41	17	0												
	179	GENEINA	01	8	28	3	1	7	8		30	59	21	0												
S. SUDAN	176	MALAKAL	81	8	18	2	1	8	8,4	10	29	70	23	0												
	177	WÂU																								
	178	JUBA	01	8	04	2	1	7	8,4	9	26	70	20	0												

AREA	INDEX NUMBER	STATION	At 0600 on WEDNESDAY 18th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR. PRESSURE M.S.L. mbs. PPP	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb TT	TEMPERATURE MAXIMUM Yesterday TxTx	TEMPERATURE MAXIMUM Diff. from norm.	TEMPERATURE MINIMUM Today TnTn	TEMPERATURE MINIMUM Diff. from norm.	HUMIDITY % UU	DEW POINT °C	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
MEDITERRANEAN	146	SIDI BARÂNI																			
	160	MATRÛH	00	8	27	3	0	0	-	10		25			19		74	20	0		
	134	EL DABA																	0	11.7	
	132	ALEXANDRIA	01	9	30	3	2	5	4	10.0	-0.5	25.8	29	-1	23	0	64	18	0	209	186
	150	FOUAD (Airport)	01	7	30	1	1	3	6	9.6		26	29		24		66	19	0	213	138
	159	DAMIETTA	01	8	28	3	1	5	8	9.4	0.0	26.4	30		23		77	22	0	85	106
	161	PORT SAÏD	01	7	31	1	1	3	6	9		26	29		25		70	20	0	56	81
	135	EL 'ARISH	02	9		3	2	8	8	8.8	-0.6	28.4	30	-1	23	+2	69	22	0		94
LOWER EGYPT	136	DAMANHUR	01	6	05	3	1	5	8	9.9	-0.1	27.0	31	-2	20	0	62	19	0	105	101
	137	MANSURA	01	8	02	1	1	5	8	9.5	-0.2	26.2	34	-1	22	+1	72	20	0	73	55
	138	TANTA	00	8	24	1	0	0	-	10.4	+0.2	24.0	33	-2	18	-1	75	19	0	26	44
	139	ZAGAZIG	01	6	04	2	0	3	8	10.7	+0.2	28.0	35	0	20	0	63	20	0	36	27
		SHIBÎN EL KÔM	00	7	02	2	0	0	-	10.4	+0.2	23.2	36		20		80	19	0	34	
		ISMAÏLÎA	01	7	26	1	1	5	6	9.2		28.0					63	20	0	21	
CAIRO AREA	928	FAROUK(Airport)	00	7	32	3	1	2	8	10		24	32		21		74	19	0		
	141	ALMÂZA	01	7	02	1	1	5	6	10		24	34				79	20	0	25	
		EZBEKÎYA	01	7	30	1	1	5	8	9.9	-0.2	25.7	34	-1	22	0	73	21	0	32	26
		GÎZA	01	7	30	1	1	5	8	9.6	-0.4	25.1	34	0	21	+1	74	20	0	31	27
	143	HELWÂN	05	6	32	2	1	8	0	9.9	-0.1	24.5	34	-1	22	+1	70	18	0	19	29
UPPER EGYPT	153	FAIYÛM	01	8	02	2	1	5	8	9.8	-0.3	26.0	35	-1	22	+1	67	19	0	11	8
		BENI SUEF	01	9	02	2	0	3	6,4	9.0		26.7	35		21		71	21	0	11	
	162	MINYA	00	7	02	4	0	1	6	9		25	36		21		74	20	0	12	
	155	ASYÛT	00	7	22	2	0	0	-	9.1	+0.1	26.3	36	0	22	-1	60	18	0	dr	4
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	7.5	-0.5	28.4	37		20		61	20	0	0	
	156	QENA	00	8	22	3	0	0	-	6.8	-0.8	28.0	42	+2	26	+2	34	15	0	5	
	157	LUXOR	00	8	22	2	0	0	-	7		32	42		25		3	11	0	dr	
	158	ASWÂN	00	9	00	0	0	0	-	7.5	-0.1	33.0	42	+1	23	-3		14	0	dr	
OASES	148	SIWA	00	7	28	2	0	0	-	12.7	+0.5	23.8	35	-3	19	-1	88	21	0	23	8
	149	BAHARÎYA	01	7	32	1	1	3	4	11.0	+0.1	24.0					75	19	0	12	7
		FARAFRA																	0		
	152	DAKHLA	00	8	28	1	0	0	-	9.5	-0.2	27.7	37	-2	22	-1	35	11	0	dr	
	151	KHARGA	00	7	02	2	0	0	-	8.2	-0.4	28.8	38	-1	22	-1	41	21	0	0	
RED SEA	144	SUEZ	01	7	32	2	1	5	8	8.4	-0.7	26.1	37	+1	24	+1	72	20	0	-	17
	145	TÛR	00	8	28	3	0	0	-	6.6	-0.1	28.5			24		65	21	0	0	13
	163	HURGHÂDA	00	9	30	4	0	0	-	7		28	30		26		70	22	0	1	3
	147	QUSEIR	00	7	32	2	0	0	-	6.0	-0.7	32.0	33	-1	27	0	50	20	0	0	4
	208	PORT SUDAN																	0	291	104
N. SUDAN	165	WADI HALFA																	0	tr	
CENTRAL SUDAN	166	KAREIMA																	0	tr	19
	167	'ATBARA																	0	2	47
	209	KHARTÛM																	0	42	110
	170	KASSALA																	2	72	218
	171	WAD MEDANI																	0	269	281
	182	RENK																	0		368
	172	ROSEIRES																	20	487	553
	174	EL OBEID																	0	337	238
	175	EL FÂSHER																	2	89	217
	179	GENEINA																	0		388
S. SUDAN	176	MALAKAL																	5	592	613
	177	WÂU																	2	497	848
	178	JUBA																	4	701	801

HUMIDITY

Mean of day

STATION	on 17th	Diff. from normal
Alexandria	72	-1
Ezbekîya	62	+1
Giza	64	+1
Helwân	59	+8

GIZA GRASS MINIMUM TEMP. ON 18th 19.1°C

Remarks

UPPER AIR OBSERVATIONS on 17th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT ON 17th AT

HEIGHT FEET	PRESSURE mb.	DRY °C	WET °C
SURFACE	998	31	24
500	980	32	22
1000	962	30	21
1500	945	28	21
2000	928	27	20
4000	857	22	15
6000	800	22	13
8000	743	17	8
10000	686	11	4
12000	634	7	0
14000	586	5	-1
16000	539	3	+1
18000	498	0	-1
20000	454	-3	-3

FAROUK AIRPORT RAWINSONDE ON 18th AT 4

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE					
1000					
950					
900	6240	16	65	10	11
850					
800					
700	19880	6	-	190	15
600	24280	3	-	50	7
500	29060	-3	-	270	16
400					
300	31860	-21	-	240	7
250					
200	41350	-37	-	70	4
150					
100					

STATION	FOUAD A.F		P. SAÏD		MINYA	
TIME	15		14 15		15	
HEIGHT m.	DD	VV	DD	VV	DD	VV
200	340	18	340	18	10	16
500	340	10	320	15	350	20
1000	320	11	290	9	340	22
1500	ENT. Sc		290	2	330	17
2000			280	10		
3000			230	4		
4000			170	5		
5000			180	6		
6000			140	14		
7000			130	9		
8000			90	7		

STATION						
TIME						
HEIGHT m.	DD	VV	DD	VV	DD	VV
200						
500						
1000						
1500						
2000						
3000						
4000						
5000						
6000						
7000						
8000						

UPPER AIR OBSERVATIONS on 18th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			4		3		3 30		4				6 30		3				5 30		5		4 45	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			300	7	340	21	340	9	20	9			360	4	20	19			270	4	320	5	350	12
500			320	9	340	10	330	8	20	13			20	14	10	36			330	8	330	8	30	10
1000			330	10	340	7	330	9	10	10			20	7	20	30			340	10	300	14	320	12
1500			330	16	ENT. Sc		150	7	190	3			140	10	40	22			170	4	260	19	310	25
2000			310	8			200	5	190	10			130	12					120	4	220	22	310	26
3000									190	13			190	16							250	16	280	15
4000													170	6							240	22		
5000									130	2			Calm											
6000									270	13			280	10										
7000													320	5										
8000													260	3										

STATION	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME			5		7		9																	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			340	5	20	22	360	1																
500			20	6	30	36	180	4																
1000			20	13	30	46	210	3																
1500			330	9			220	2																
2000			310	8			220	3																
3000			210	6																				
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/1951)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H. Force	
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

16 or Scale 01-32 e.g.
08 = East, 16 = South,
24 = West, 32 = North,
00 is Calm

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on:
Wednesday 18th August 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the book of this chart

S of E 1948(40)95

SCALE 1:15,000,000

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

CAIRO

Time of Sunrise 3 24 G.M.T.

" " Sunset 16 32 G.M.T.

DAILY WEATHER REPORT

Date : THURSDAY 19th AUGUST , 1948.

AREA	INDEX NUMBER	STATION	At 1200 on WEDNESDAY 18th: PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms	At 1800 on WEDNESDAY 18th: PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI																								
	160	MATRÛH																								
	134	EL DABA	00	9	30	3	0	0	–	9.6	23.2	69	17	0												
	132	ALEXANDRIA	01	9	26	3	2	3	4	9.9	28.0	57	19	0	01	6	32	2	2	3	4	10.0	24.8	67	18	0
	150	FOUAD (Airport)	00	7	28	2	0	2	8	9.3	28	55	18	0	00	7	00	0	0	4	8	95	24	74	20	0
	159	DAMIETTA	00	8	28	3	1	4	8	8.7	27.8	72	22	0	01	7	30	3	1	3	8	9.0	25.1	88	23	0
	161	PORT SAÏD	00	8	32	3	0	0	–	8	27	70	21	0	00	7	31	3	0	2	8	8				
	135	EL ARISH	00	9	28	4	0	0	–	8.6	29.1	63	21	0	01	9	28	3	1	5	8	8.6	26.1	73	21	0
LOWER EGYPT	136	DAMANHUR	00	6	24	4	0	0	–	10.2	29.4	58	20	0	00	6	26	3	0	0	–	9.5	25.0	77	21	0
	137	MANŞURA	00	8	04	2	1	0	–	8.4	31.8	47	19	0	00	6	04	2	0	0	–	9.6	25.4	73	20	0
	138	TANTA	00	8	28	3	0	0	–	9.4	32.0	42	18	0	00	8	00	0	0	0	–	9.8	25.3	66	18	0
	139	ZAGAZIG	00	6	32	2	0	0	–	8.5	32.0	50	20	0	00	6	32	2	0	0	–	10.2	26.8	71	21	0
		SHIBÎN EL KÔM	00	8	30	3	0	0	–	9.0	32.2	42	18	0	00	7	30	2	0	0	–	9.6	27.0	61	19	0
		ISMAÏLÍA	00	8	26	1	0	0	–	7.1	34.7	37	18	0	00	8	32	1	0	0	–	8.2	27.0	63	19	0
CAIRO AREA	928	FAROUK(Airport)	00	7	28	4	0	0	–	8	30	43	16	0	00	7	04	4	0	0	–	9	25	70	19	0
	141	ALMÂZA	00	8	28	2	0	0	–	7.8	31.5	42	17	0	00	7	32	2	0	0	–	8.8	27.5	58	18	0
		EZBEKÍYA	00	8	28	1	0	0	–	8.3	31.4	41	16	0	00	7	28	1	0	0	–	9.1	26.7	63	19	0
		GÎZA	00	8	28	1	0	0	–	8.4	32.2	54	21	0	00	7	28	1	0	0	–	9.6	26.7	70	21	0
	143	HELWÂN	00	7	28	4	0	0	–	7.5	32.0	34	14	0	00	7	30	4	0	0	–	8.6	27.1	60	19	0
UPPER EGYPT	153	FAIYÛM	00	8	30	2	0	0	–	7.5	32.5	31	13	0	00	8	02	1	0	0	–	7.4	29.6	48	18	0
		BENI SUEF	00	9	02	1	0	0	–	7.5	34.2	34	16	0	00	9	02	1	0	0	–	7.6	27.9	57	19	0
	162	MINYA	00	8	01	4	0	0	–	8	34	30	14	0	00	7	00	0	0	0	–	7	26	55	16	0
	155	ASYÛT	00	8	32	1	0	0	–	7.8	33.1	32	14	0	00	6	28	1	0	0	–	6.7	29.1	39	14	0
	164	NAG' HAMMÂDI	00	8	24	1	0	0	–	6.3	35.7	30	15	0	00	8	00	0	0	0	–	6.4	27.8	58	19	0
	156	QENA	00	9	22	3	0	0	–	4.4	39.6	23	15	0	00	6	24	2	0	0	–	5.2	31.8	36	15	0
	157	LUXOR	00	8	26	3	0	4-	8	5	39	17	10	0	00	7	00	0	0	0	–	6	32	26	10	0
	158	ASWÂN	00	9	24	1	0	0	–	4.6	40.0	17	11	0												
OASES	148	SIWA	00	8	28	2	0	0	–	10.3	35.4	50	23	0	00	6	28	3	0	0	–	9.9	31.5	59	23	0
	149	BAHARÍYA	00	8	28	2	1	0	–	9.0	33.5	33	15	0	00	7	28	1	0	0	–	9.4	30.0			0
		FARAFRA													00	7	26	1	0	0	–	9.1	28.0	33	10	0
	152	DAKHLA	00	9	28	2	0	0	–	7.9	34.9	20	9	0	00	8	00	0	0	0	–		32.7	26	11	0
	151	KHARGA	00	9	02	1	0	0	–	6.8	36.3	26	14	0	00	7	00	0	0	0	–	7.2	32.0	29	12	0
RED SEA	144	SUEZ	00	8	02	2	0	0	–	7.1	33.2	35	15	0	00	6	32	3	0	0	–	7.0	28.2	67	21	0
	145	TÛR	00	8	28	2	0	4-	5	5.1				0	00	8	28	3	0	4-	5	4.8				0
	163	HURGHÂDA	00	9	02	2	0	2	8	5	30	66	23	0	00	9	00	0	0	3	4	5	30	70	24	0
	147	QUSEIR	00	8	02	3	0	0	–	5.4	31.6	73	27	0	00	8	04	1	0	0	–	5.1	29.7	79	25	0
	208	PORT SÛDÂN	01	7	04	4	1	7	8,4	3	39	42	24	0												
NORTH SÛDÂN	165	WADI HALFA	00	8	28	1	0	1	4	6	39	14	7	0												
	166	KAREIMA	00	8	24	3	0	2	1	5	40	12	5	0												
	167	'ATBARA	00	8	12	6	3	4-	8	5	38	25	15	0												
	209	KHARTÛM	01	8	18	4	1	5	8,4	7	34	36	17	0												
	170	KASSALA	01	8	18	2	1	7	8,4	9	32	49	20	0												
CENTRAL SÛDÂN	171	WAD MEDANI	01	8	16	4	1	5	8	8	33	53	22	0												
	182	RENK	01	9	20	2	1	7	6	10	29	66	22	0												
	172	ROSEIRES	01	8	14	2	2	3	5	9	27	66	20	0												
	174	EL OBEID	01	8	14	1	1	5	8,4	9	30	39	21	0												
	175	EL FÂSHER	01	8	20	3	1	5	8,4	—	28	55	18	0												
	179	GENEINA	01	8	25	2	2	5	8	—	29	70	23	0												
S SÛDÂN	176	MALAKAL	01	8	10	6?	1	7	8,4	10	31	55	21	0												
	177	WÂU	02	8	00	0	1	9	8,4	9	31	52	20	0												
	178	JUBA	02	8	02	2	1	8	8,4	10	29	66	22	0												

AREA	INDEX NUMBER	STATION	At 0600 on THURSDAY 19th: PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE MAXIMUM Yesterday	TEMPERATURE MAXIMUM Diff. from norm.	TEMPERATURE MINIMUM Today	TEMPERATURE MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1	STATION	AREA
			ww	V	DD	F	W		C	PPP		TT	T_xT_x		T_nT_n		UU						
MEDITERRANEAN																				171			
																						MATRÛH	MEDITERRANEAN
			00	8	27	3	0	0	–	10		25			19		70	19	0			EL DABA	
			00	8	24	2	0	0	–	9.4		24.4			19		81	20	0	11.7		ALEXANDRIA	
			01	9	22	2	2	3	8	10.0	-0.6	26.0	29	-1	22	-1	64	19	0	209	186	FOUAD (Airport)	
			00	7	19	1	0	2	8	10		26	29		20		66	19	0	213	138	DAMIETTA	
			01	7	28	3	1	5	8	9.4	-0.1	25.8	28		21		70	20	0	85	106	PORT -SAÏD	
			01	7	31	1	0	3	6	10		26	28		24		70	20	0	56	81		
			01	9	20	3	1	5	8	9.8	+0.3	28.1	30	-1	22	+1	65	21	0		94	EL ARISH	
LOWER EGYPT			01	6	20	3	1	3	8	9.9	-0.2	25.9	31	-2	21	+1	69	20	0	105	101	DAMANHÛR	
			00	8	24	1	0	0	–	10.2	+0.4	26.2	33	-2	21	0	66	19	0	73	55	MANŞÛRA	
			00	8	00	0	0	0	–	10.4	0.0	24.0	32	-3	17	-2	75	19	0	26	44	TANTA	
			00	6	24	2	0	0	–	11.0	+0.4	27.0	34	-1	20	0	69	21	0	36	27	ZAGAZIG	
			00	7	30	2	0	0	–	10.4	+0.1	24.7	34		20		71	19	0	34		SHIBÎN EL KÔM	
			00	7	28	1	0	0	–	9.8		27.8					58	19	0	21		ISMAÏLÍA	
CAIRO AREA			00	7	06	2	0	0	–	11		24	33		21		74	19	0	—		FAROUK(Airport)	
			00	7	04	1	0	0	–	9.9		25.0	32		21		68	19	0	25		ALMÂZA	
			00	7	00	0	0	0	–	10.3	+0.1	25.8	33	-2	22	0	68	19	0	32	26	EZBEKÍYA	
			00	7	00	0	0	0	–	10.0	-0.1	25.9	33	-1	20	0	65	19	0	31	27	GÎZA	
			00	7	00	0	0	0	–	10.2	+0.1	25.1	32	-3	21	0	67	18	0	19	29	HELWÂN	
UPPER EGYPT			00	8	02	1	0	0	–	10.2	+0.1	25.7	34	-2	20	-1	67	19	0	11	8	FAIYÛM	
			00	9	02	1	0	0	–	10.0		26.8	35		19		65	20	0	11		BENI SUEF	
			00	7	30	2	0	0	–	9		25	35		19		70	19	0	12		MINYA	
			00	7	22	1	0	0	–	9.9	+0.9	27.1	35	-1	20	-3	56	17	0	4-	4	ASYÛT	
			00	8	00	0	0	0	–	8.1	+0.7	30.6	36		20		32	13	0	0		NAG' HAMMÂDI	
			00	8	20	2	0	0	–	8.0	+0.3	28.0	41	+1	24	0	45	15	0	5		QENA	
			00	8	00	0	0	0	–	8		33	40		22		34	15	0	4-		LUXOR	
			00	9	32	2	0	0	–	8.6	+1.0	30.0	41	0	26	0	36	13	0	4-		ASWÂN	
OASES			00	7	28	2	0	0	–	12.4	+0.1	24.3	36	-2	20	0	86	21	0	23	8	SIWA	
			00	8	00	0	0	0	–	10.3	-0.7	28.0	35	-1	20	0	51	17	0	18	7	BAHARIYA	
			00	7	32	1	0	0	–	11.0		26.3	35		19		48	14	0			FARAFRA	
																				4-		DAKHLA	
			00	9	00	0	0	0	–	8.3	-0.5	29.1	38	-1	21	-2	40	14	0	0		KHARGA	
RED SEA			00	7	00	0	2	8		8.8	-0.4	25.7	36	0	22	-1	71	20	0		17	SUEZ	
			00	8	22	8?	0	0	–	7.9	+1.1	29.0					59	20	0	0	13	TOR	
			00	8	30	5	0	0	–	8		28	30		26		70	22	0	1	3	HURGHADA	
			00	7	32	2	0	0	–	7.2	+0.5	31.0	33	-1	26	-1	59	22	0	0	4	QUSEIR	
			01	8	22	2	1	3	4	5		37					45	23	1	292	104	PORT SUDAN	
NORTH SÛDÂN																			0	4-		WÂDI HALFA	NORTH SÛDÂN
																			0	4-	19	KAREIMA	
																			0	2	49	'ATBARA	
			01	8	00	0		5	4	10		27					66	20	0	48	113	KHARTÛM	
			00	8	22	2	0	1	8	11		25					84	22	0	92	222	KASSALA	
CENTRAL SÛDÂN																			0	269	286	WAD MEDANI	CENTRAL SÛDÂN
																			0		373	RENK	
																			0	487	560	ROSEIRES	
																			0	337	242	EL OBEID	
																			0	89	222	EL FÂSHER	
																					396	GENEINA	
S SÛDÂN																			0	592	619	MALAKAL	S SÛDÂN
																			0	697	855	WÂU	
																			0	701	805	JUBA	

HUMIDITY

Morning of day

STATION	on 18th	Diff. from normal
Alexandria	64	- 9
Ezbekîya	63	+ 2
Giza	67	+ 4
Helwân	62	+ 11

GIZA GRASS MINIMUM TEMP

ON 19th 18.0 °C

Remarks

UPPER AIR OBSERVATIONS on 18th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMÂZA AEROPLANE ASCENT

ON 18th 24 At 14 45

HEIGHT FEET	PRESSURE mb.	DRY °C	WET °C
SURFACE	998	30	24
500	974	31	22
1000	936	28	21
1500	950	28	21
2000	900	23	18
2500	850	21	14
3000	800	21	11
3500	750	17	10
4000	700	12	7
4500	650	7	1
5000	600	6	-2
5500	550	3	-1
6000	500	1	-2
7000	450	-3	-4

FAROUK AIRPORT RAWINSONDE

ON 19th At 5

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		24	78	360	4
1000	246	24	75	360	4
950		20	55		
900	3270	20	55	320	12
850	4880	17	45	220	11
800	6570	16	35	200	19
700	10240	8	45	180	14
600	14390	5	35	210	14
500	19170	-2	35	270	10
400		-12			
300	31840	-28		230	18
250					
200	41040	-47		240	9
150					
100					

STATION				P. Said		Minya						
TIME				14 15		15						
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200					340	22	10	18				
500					340	19	10	18				
1000					320	19	340	19				
1500					300	17	320	22				
2000					240	19	300	23				
3000												
4000												
5000												
6000												
7000												
8000												

STATION			Malakal		JUBA							
TIME			8		10 15							
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200												
500			140	7	70	8						
1000			150	10	70	9						
1500			180	8	80	3						
2000			190	15	80	10						
3000					150	5						
4000			150	13								
5000												
6000												
7000												
8000												

UPPER AIR OBSERVATIONS on

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			4 15		3 30		3 30		5				6 30		3 15				6 15		5		4 45	
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			290	10	350	3	300	9	20	5			360	3	40	13							10	8
500			300	8	340	3	310	10	20	9			30	4	20	17			340	9	360	19	350	13
1000			330	8	340	3	310	14	350	12			300	10	360	12			330	19	310	10	320	16
1500			350	14	350	18	280	9	260	10			300	10	330	10			290	12	260	10	300	19
2000			260	7	360	11	240	12	200	18			190	13	270	20					360	10	290	27
3000			240	10	180	10			180	13			180	17	170	14					250	19	270	15
4000			230	12	220	12							210	19	190	16					250	38	290	16
5000					220	13			220	10			220	12										
6000									250	7														
7000																								
8000									270	8														

STATION	BAHARÍYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME							7 45																	
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200							340	7																
500							340	5																
1000							220	2																
1500							320	3																
2000							310	5																
3000							210	3																
4000																								
5000																								
6000																								
7000																								
8000																								

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto cumulus	4
Alto-stratus	5
Strato cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

WIND FORCE (F)

	K P H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Printed by the Survey of Egypt 1948 (48/1951)

Note: All times G. M. T.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G. M. T. on: Thursday 19th August 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

S. o. E. 1948 (48/195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03.25 G.M.T.
" " Sunset 16.31 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date : FRIDAY 20 th AUGUST , 1948.

At 1200 on THURSDAY 19 th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI												0
	160	MATRÛH	01	8	31	4	1	3	6	11	28	64	20	0
	134	EL DABA	01	8	32	3	1	3	8		28.2	60	19	0
	132	ALEXANDRIA	01	9	36	3	2	3	4	10.0	27.1	54	17	0
	150	FOUAD (Airport)	00	7	30	2	0	1	6	9.7	28	58	19	0
	159	DAMIETTA	00	8	28	3	1	1	8	9.5	27.8	67	21	0
	161	PORT SA'ÎD	00	8	01	2	0	0	-	10	28	62	20	0
	135	EL 'ARISH	00	9	28	4	0	1	3	9.3	28.1	69	22	0
LOWER EGYPT	136	DAMANHUR	01	7	32	3	1	3	8	10.8	29.2	54	19	0
	137	MANŞURA	01	8	20	2	1	3	8	9.5	31.0	45	18	0
	138	ṬANṬA	01	8	28	2	1	3	8	10.3	31.6	40	17	0
	139	ZAGAZIG	00	7	28	2	0	0	-	9.5	31.8	50	20	0
		SHIBÎN EL KÔM	00	8	30	2	0	1	8	9.9	32.9	34	15	0
		ISMAÎLÎA	00	8	28	1	0	0	-		33.5	32	15	0
CAIRO AREA	928	FAROUK (Airport)												0
	141	ALMÂZA	00	8	26	2	0	6	8	9	31	41	16	0
		EZBEKÎYA	00	8	32	2	0	0	-	9.2	31.2	41	16	0
		GÎZA	00	8	32	2	0	0	-	9.1	32.8	42	18	0
	143	HELWÂN	00	8	00	0	0	0	-	8.2	32.8	30	13	0
UPPER EGYPT	153	FAIYÛM	00	8	22	2	0	1	8	8.4	33.5	30	14	0
		BENI SUEF	00	9	02	1	0	0	-	9.0	34.4	30	14	0
	162	MINYA	00	8	04	2	0	0	-	9	33	36	16	0
	155	ASYÛT	00	8	26	1	0	0	-	8.3	32.6	30	14	0
	164	NAG' ḤAMMÂDI	00	8	00	0	0	0	-	7.4	35.8	33	17	0
	156	QENA	00	9	22	3	0	0	-	6.3	38.6	22	13	0
	157	LUXOR	00	8	24	3	0	0	-	7	37	18	09	0
	158	ASWÂN	00	9	30	2	0	0	-	6.8	38.8	20	12	0
OASES	148	SIWA	00	8	28	2	0	0	-	11.2	33.4	54	22	0
	149	BAHARÎYA	01	8	24	1	1	3	4	9.2	33.8	27	12	0
		FARAFRA												0
	152	DAKHLA	00	9	28	4	0	0	-	8.8	34.0	18	06	0
	151	KHARGA	00	9	00	0	0	0	-	7.5	36.9	26	14	0
RED SEA	144	SUEZ	00	8						7.9	32.1	41	17	0
	145	ṬÛR	00	8	28	5	0	0	-	6.7	31.0	39	15	0
	163	HURGHÂDA	00	8	32	4	0	6	8	6	30	66	23	0
	147	QUSEIR	00	8	02	2	0	0	-	6.8	32.0	62	25	0
	208	PORT SÛDÂN												
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA												
	167	ʿAṬBARA												
	209	KHARṬÛM												
	170	KASSALA												
CENTRAL SÛDÂN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S SÛDÂN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 1800 on 19 th

PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
ww	V	DD	F	W		C	PPP	TT	UU		
											0
00	6	32	2	-	0	-	10.4	25.2	69	19	0
00	7	00	0	-	-	-	10.1	25	65	18	0
00	7	28	2	1	0	-	10.2	25.0	74	20	0
00	7	02	2	0	0	-	10	26	70	20	0
00	6	32	3	1	0	-	10.2	23.2	72	19	0
00	6	04	2	1	0	-	10.3	25.0	72	20	0
00	8	28	1	1	0	-	10.2	26.3	56	16	0
00	6	32	2	0	0	-	11.1	28.0	70	22	0
00	7	02	2	0	0	-	10.4	25.8	64	18	0
00	7	04	2	0	0	-	9.2	29.5	49	18	0
											0
00	7	04	2	0	0	-	9	29	46	16	0
00	7	00	0	0	0	-	9.1	27.7	56	18	0
00	7	00	0	0	0	-	9.2	28.8	65	22	0
00	7	20	2	0	0	-	8.6	29.0	39	14	0
00	8	02	1	0	0	-	8.7	29.6	38	14	0
00	8	20	1	0	0	-		27.1	55	17	0
00	7	00	0	0	0	-	9	27	48	15	0
00	6	26	1	0	0	-	8.7	28.8	41	14	0
00	8	00	0	0	0	-	7.4	26.6	58	18	0
00	6	24	2	0	0	-	6.8	31.6	32	13	0
00	7	28	1	0	0	-	7	32	22	08	0
00	7	28	1	0	0	-	6.8	34.0	24	11	0
00	6	28	2	1	4	1					0
00	7	28	1	1	0	-	9.8	28.5	37	12	0
00	7	28	1	0	0	-	9.8	29.1	30	10	0
00	8	00	0	0	0	-	9.5	31.7	25	10	0
04	4	32	5	0	0	-	6.7	28.4	56	18	0
00	8	28	2	0	0	-	6.8	31.4			0
00	8	30	1	0	0	-	6	30	62	22	0
00	8	32	1	0	0	-	6.4	29.8	70	24	0

At 0600 on FRIDAY 20th

PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMP. MAXIMUM Yesterday TxTx	TEMP. MAXIMUM Diff. from norm.	TEMP. MINIMUM Today TnTn	TEMP. MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
ww	V	DD	F	W		C	PPP		TT	TxTx		TnTn		UU				
																0	171	
00	8	28	3	4	6	-	12		26			19		70	20	0		
01	8	00	0	1	3				24.2					66	19	0	117	
02	9	32	2	1	8	8	11.8	+1.1	26.6	29	-1	22	-1	67	19	0	209	186
00	7	00	0	0	1	8	11.3		26	30		20		70	20	0	213	138
00	8	20	2	0	0	-	11.1	+1.6	26.5	29		20		72	20	0	85	106
00	7	31	3	0	2	6	11		26	30		24		66	19	0	56	81
00	9		3	0	1	8	10.7	+1.1	26.5	30	-1	21	0	68	20	0		94
00	6	24	2	0	0	-	11.4	+1.4	26.2	32	-1	20	0			0	105	101
00	8	16	1	0	0	-	11.6	+1.7	26.8	33	-2	21	0	67	20	0	73	55
00	8	16	1	0	0	-	12.2	+1.7	25.8	32	-2	18	-1	69	20	0	26	44
01	6	32	2	0	3	4	12.2	+1.5	25.9	35	0	20	0	77	22	0	36	27
00	7	02	2	0	0	-	12.0	+1.6	24.0	34		19		71	19	0	34	
00	7	10	1	0	0	-	11.1		28.5					64	21	0	21	
																0		
00	7	02	2	0	0	-	11		26	32		20		66	20	0	25	
00	7	00	0	0	0	-	11.4	+1.1	26.0	32	-3	21	-1	66	20	0	32	26
00	7	00	0	0	0	-	11.1	+0.9	25.0	33	-1	19	-1	70	19	0	31	27
05	6	00	0	0	0	-	10.8	+0.6	24.5	34	-1	22	+1	71	18	0	19	29
00	8	00	0	0	0	-	10.8	+0.6	27.0	35	-1	22	+1	61	19	0	11	8
00	9	02	1	0	0	-	10.0		29.1	35		20		59	20	0	11	
00	7	32	1	0	0	-	10		26	34		20		70	20	0	12	
00	7	20	1	0	0	-	10.7	+1.4	28.0	35	-1	22	-1	64	15	0	dr	4
00	8	00	0	0	0	-	9.6	+1.4	30.0	35		20		48	18	0	0	
00	8	24	2	0	0	-	9.2	+1.5	30.0	40	0	23	-1	37	14	0	5	
00	8	00	0	0	0	-	9		32	38		22		29	12	0	dr	
00	9	30	1	0	0	-	9.8	+2.4	29.6	40	-1	25	-1	32	12	0	dr	
00	7	32	2	1	6		12.3	-0.1	24.2	35	-3	20	0	66	17	0	23	8
00	8	04	1	0	0	-	11.0	-0.7	26.3	34	-2	19	-1	60	18	0	12	7
10	7	24	1	0	0	-	10.8		29.2	35		19		34	12	0	-	
00	8	28	1	0	0	-	10.3	+0.4	28.2	34	-3	22	-1	34	10	0	dr	
																0	0	
00	8	00	0	0	0	-	10.4	+1.1	28.6	34	-2	23	0	53	18	0	-	17
00	8	28	3	0	0	-	8.8	+2.0	28.2	35	+1	27	+3	68	21	0	0	13
00	9	30	5	0	0	-	8		28	32				58	19	0	1	3
00	8	32	2	0	0	-	7.9	+1.1	31.0	32	-1	26	-1	53	20	0	0	M
00	8	00	0	0	0	-	5		31			26		24	13	0		104
00	8	02	1	0	2	4	9		31					18	04	0		
00	8	04	1	0	0	-	8		32			28		22	08	0		20
00	8	28	1	0	0	-	6		33			27		26	11	0		50
02	8	14	4	1	7	3	9		27			26		74	22			116
00	8	18	2	1	0	-	8		27					40	12	5		226
02	8	20	4	8	10	4										7		291
																		377
																		567
01	8	26	1	1	5	4,2	10		26			22		79	22	0		246
																		226
																		404
25	8	00	0	8	10	4,4	13									2		262
62	8	12	1	1	10	7,4,4	14		22			22		94	21	3		309

HUMIDITY
Mean of day

STATION	on 19 th	Diff. from normal
Alexandria	65	- 8
Ezbekîya	57	- 4
Giza	60	- 3
Helwân	50	- 1

GIZA
GRASS MINIMUM TEMP.
ON 20 th 16.7°C

Remarks

UPPER AIR OBSERVATIONS on 19 th
DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT — ON 19 th AT 15

HEIGHT FEET	PRESSURE	DRY °C	WET °C	WIND DD	WIND VV
SURFACE	999	29	25		
500	974	31	20		
1000	956	29	19		
1500	1278	950	29	19	
2000	2778	900	24	17	
2500	3278	850	20	14	
3000	3778	800	16	11	
3500	4278	750	13	5	
4000	4778	700	14	3	
4500	5278	650	11	1	
5000	5778	600	7	-2	
5500	6278	550	5	-1	
6000	6778	500	2	-2	
6500	7278	450	-1	-4	

FAROUK AIRPORT — RAWINSONDE — ON 20 th AT 03

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE					
1000	290	23	75	130	6
950					
900	3290	18	85	330	13
850	4880	14	65	300	13
800	6560	12	65	220	15
700	10230	10	35	210	6
600	14870	6	-	200	18
500	19210	-1	-	250	23
400					
300	31900	-27	-	220	19
250					
200					
150					
100					

STATION	FOUAD A.P		P. SAÎD		MINYA	
TIME	15		14		15 30	
HEIGHT m.	DD	VV	DD	VV	DD	VV
200	330	10	360	19	10	11
500	330	10	360	15	20	10
1000	340	8	350	16	10	11
1500	320	19	350	16	360	16
2000					360	26
3000					350	15
4000						
5000						
6000						
7000						
8000						

STATION						
TIME						
HEIGHT m.	DD	VV	DD	VV	DD	VV
200						
500						
1000						
1500						
2000						
3000						
4000						
5000						
6000						
7000						
8000						

UPPER AIR OBSERVATIONS on 20 th
DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÎD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			4				3 30		3						3 30				5 30				4 45	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			320	10			310	3	60	10					10	8			340	5			360	17
500			330	10			330	3	60	9					350	9			330	10			200	14
1000			350	10			310	9	40	10					10	8			340	11			200	5
1500			350	8			260	17	300	11					340	9			310	12			350	7
2000			350	10			200	14	200	12					320	10							10	21
3000							210	11	210	5													360	21
4000																							360	16
5000									220	11														
6000									250	20														
7000																								
8000									230	20														

STATION	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARṬÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME			5				8 15																	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			350	8			350	14																
500			10	12			350	8																
1000			340	17			330	3																
1500			300	13																				
2000			320	10																				
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

WIND FORCE (F)

	KPH	force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

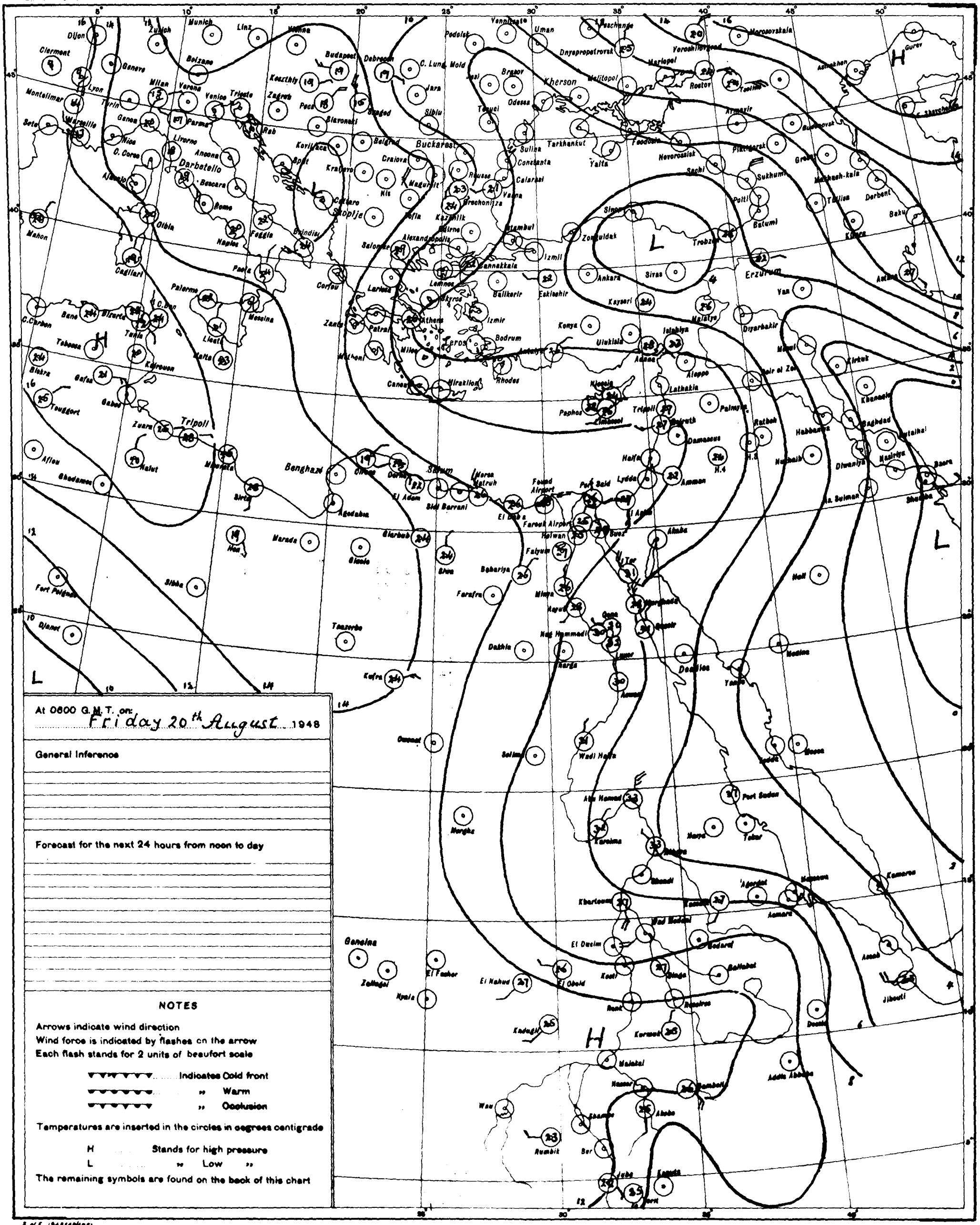
WIND DIRECTION (DD)
is on Scale 01-32 e.g
08 = East, 16 = South,
24 = West, 32 = North,
00 is Calm

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: Friday 20th August 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

S of E (1948)(40)(105)

SCALE 1:15,000,000

EGYPTIAN METEOROLOGICAL AUTHORITY — WEATHER BUREAU

CAIRO
Time of Sunrise 03 25 G.M.T.
" " Sunset 16 30 G.M.T.

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

Form 91

DAILY WEATHER REPORT

Date : SATURDAY 21st AUGUST , 1948.

AREA	INDEX NUMBER	STATION	At 1200 on FRIDAY 20th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C. TT	HUMIDITY % UU	DEW POINT °C.	RAIN 6-12 G.M.T. mms	At 1800 on FRIDAY 20th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C. TT	HUMIDITY % UU	DEW POINT °C.	RAIN 12-18 G.M.T. mms	At 0600 on SATURDAY 21st: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESSURE M.S.L. mbs. PPP	Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb TT	MAXIMUM Yesterday TxTx	MAXIMUM Diff. from norm.	MINIMUM Today TnTn	MINIMUM Diff. from norm.	HUMIDITY % UU	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL Total From Oct. 1	RAINFALL Norm. From Oct. 1	STATION	AREA
MEDITERRANEAN	146	SIDI BARÂNI																																										SIDI BARÂNI	MEDITERRANEAN
	160	MATRÛH																									62	7	30	3	2	9	6	12		25			22		84	22	0			MATRÛH	
	134	EL DABA																																									117		EL DABA	
	132	ALEXANDRIA	00	9	28	3	0	0	—	11.5	28.4	49	16	0	01	9	32	2	1	3	4	12.3	25.2	63	18	0	01	8	20	1	2	3	8	11.5	+0.7	24.6	29	-1	22	-1	61	19	0	209	186	ALEXANDRIA	
	150	FOUAD (Airport)	00	7	29	2	0	2	8	11.4	28	55	18	0	00	7	00	0	0	0	Kr.	12	25	70	19	0	00	7	18	2	1	1	8	11.2		26	29		20		62	18	0	213	134	FOUAD (Airport)	
	159	DAMIETTA	01	8	28	3	1	3	8	10.7	28.0	63	20	0	00	7	28	2	1	0	—	11.1	25.0	72	20	0	01	8	20	2	1	3	4	11.0	+1.3	26.9	29		19		66	20	0	85	106	DAMIETTA	
	161	PORT SAÏD	00	8	02	2	0	0	—	11	29	59	20	0	00	7	01	3	0	0	—	11	26	70	20	0	00	7	04	1	0	Kr.	6	11		28	30		24		58	19	0	56	81	PORT SAÏD	
	135	EL 'ARISH	00	9	32	4	0	0	—	10.7	27.9	63	20	0	00	9	32	3	0	0	—	10.7	26.1	74	21	0	00	9	20	2	0	0	—	10.7	+1.0	28.6	30	0	20	-1	58	20	0		94	EL 'ARISH	
LOWER EGYPT	136	DAMANHUR	01	7	28	3	1	5	8	10.9	28.2	60	19	0	00	6	26	2	0	2	8	12.3	24.2	70	18	0	00	6	24	2	0	0	—	11.2	+0.9	25.0	31	-2	19	-1	66	18	0	105	101	DAMANHÛR	LOWER EGYPT
	137	MANŞURA	01	8	04	1	1	5	8	10.7	31.5	40	16	0	00	6	02	2	1	0	—	11.6	25.2	69	19	0	01	7	20	1	1	5	8	11.0	+1.0	27.0	33	-2	20	-1	60	18	0	73	55	MANŞÛRA	
	138	TANTA	00	8	20	2	1	2	8	10.8	32.0	38	16	0	00	8	00	0	1	0	—	12.2	25.6	70	20	0	00	8	16	1	1	2	8	12.0	+1.4	24.6	32	-2	17	-2	71	19	0	26	44	TANTA	
	139	ZAGAZIG	00	6	32	2	0	0	—	10.6	35.5	52	24	0	00	6			2	0	0	11.5	27.1	76	22	0	01	6	24	2	0	3	8	11.5	+0.7	27.0	34	-1	20	0	80	23	0	36	27	ZAGAZIG	
		SHIBÎN EL KÔM	00	8	02	3	0	1	8	9.9	34.2	42	19	0	00	7	30	2	0	0	—	10.8	26.6	66	20	0	00	7	02	2	0	0	—	10.4	-0.1	28.0	36		20		64	21	0	34		SHIBÎN EL KÔM	
		ISMAÏLÍA	00	8	30	2	0	0	—	9.8	32.0	43	18	0	00	7	00	0	0	0	—	10.3	28.2	50	16	0	00	7	12	1	0	0	—	10.6		27.5					59	18	0	21		ISMAÏLÍA	
CAIRO AREA	928	FAROUK(Airport)	00	7	28	3	0	0	—	10	32	38	16	0	00	7	32	3	0	0	—	11	28	45	15	0	01	7	04	4	0	5	6	11		25			21		70	19	0			FAROUK(Airport)	CAIRO AREA
	141	ALMÂZA	00	8	28	2	0	Kr.	8	10	31	31	12	0	00	8	02	2	0	0	—	10.3	28.4	38	14	0	01	7	04	2	0	5	6	11.2	+0.1	24.2	32		20		69	18	0	25		ALMÂZA	
		EZBEKÎYA	00	8	02	1	0	0	—	10.3	31.8	36	15	0	00	7	04	1	0	0	—	10.7	26.8	54	17	0	01	7	02	1	1	3	6	11.0	+0.6	25.8	33	-1	21	-1	66	19	0	32	26	EZBEKÎYA	
		GÎZA	00	8	02	1	0	0	—	9.9	31.8	34	14	0	00	7	04	1	0	0	—	10.6	28.1	45	15	0	01	7	04	1	1	3	6	10.7	+0.3	25.5	33	-1	19	0	65	18	0	31	27	GÎZA	
	143	HELWÂN	00	8	24	4	0	Kr.	8	9.9	31.2	29	11	0	00	7	30	3	0	0	—	10.0	28.4	38	12	0	00	7	02	2	0	3	8	10.6	+0.3	25.6	32	-3	21	0	59	17	0	19	29	HELWÂN	
UPPER EGYPT	153	FAIYÛM	00	8	32	2	0	0	—	9.2	33.0	30	13	0	00	8	32	1	0	0	—	9.5	28.2	43	14	0	00	8	02	1	0	0	—	10.7	+0.4	26.0	35	-1	21	0	64	18	0	11	8	FAIYÛM	UPPER EGYPT
		BENI SUEF	00	9	02	1	0	0	—		36.2	35	18	0	00	9	02	1	0	0	—	9.8	28.0	56	18	0	00	9	02	1	0	0	—	10.2		26.9	36		19		62	19	0	11		BENI SUEF	
	162	MINYA	00	8	29	2	0	Kr.	8	9	34.	32	15	0	00	7	01	2	0	0	—	9	26	55	16	0	00	7	01	2	0	0	—	10		25			19		70	19	0	12		MINYA	
	155	ASYÛT	00	8	26	1	0	0	—	9.1	33.1	26	11	0	00	6	22	1	0	0	—	9.1	28.6	36	12	0	00	7	22	1	0	0	—	10.3	+1.1	27.1	35	-1	21	-2	49	15	0	dr.	4	ASYÛT	
	164	NAG' HAMMÂDI	00	8	00	0	0	0	—	9.6	35.6	30	15	0	00	8	00	0	0	0	—	7.6	29.3	29	9	0	00	8	00	0	0	0	—	8.7	+0.4	28.8	36		18		49	17	0	0		NAG' HAMMÂDI	
	156	QENA	00	9	22		0	0	—	6.7	37.0	22	12	0	00	6	24	2	0	0	—	7.1	30.6	38	15	0	00	8	24	2	0	0	—	8.3	+0.5	27.8	39	-1	24	0	39	13	0	5		QENA	
	157	LUXOR	00	8	16	3	0	0	—	7	37.	18	9	0	00	7	26	2	0	0	—	8	33	20	7	0	00	8	00	0	0	0	—	8		31	38		20		28	10	0	dr.		LUXOR	
	158	ASWÂN	00	9	28	1	0	0	—	6.7	38.0	16	7	0													00	9	00	0	0	0	—	9.1		31.6	39		25		34	14	0	dr.		ASWÂN	
OASES	148	SIWA	00	8	28	3	0	C	—	12.2	33.0	50	21	0	00	6	00	0	0	0	—	11.8	30.2	70	24	0	00	7	04	1	0	0	—	12.8	+0.4	26.8	35	-3	22	+2	78	23	0	23	8	SIWA	OASES
	149	BAHARÎYA	00	8	32	1	0	0	—	9.6	34.0	29	13	0	00	7	32	1	0	0	—	10.0	31.0	32	12	0	00	8	04	1	0	0	—	10.7	-0.4	27.0					60	28	0	18	7	BAHARIYA	
		FARAFRA													00	6						10.0	28.0	34	10	0	00	8	00	0	0	0	—	11.2		27.3	35		19		42	13	0			FARAFRA	
	152	DAKHLA	00	9	28	3	0	0	—	8.6	33.0	24	10	0	00	8	28	1	0	0	—	9.5	32.0	28	11	0	00	8	28	1	0	0	—	11.2	+1.2	26.8	36	-3	21	-2	37	10	0	dr.		DAKHLA	
	151	KHARGA	00	9	00	0	0	0	—		35.4	26	12	0																													0		KHARGA	
RED SEA	144	SUEZ	00	8	32	1	0	0	—	7.5	32.7	33	15	0	00	5	32	3	0	0	—	9.5	27.8	60	20	0	00	8	32	1	0	0	—	10.6	+1.2	26.1	35	-1	22	-1	64	19	0	·	17	SUEZ	RED SEA
	145	TOR	00	8	28	5	0	0	—	7.8	31.2	49	19	0	00	8	00	0	0	0	—	7.6	31.0	46	18	0	00	8	28	3	0	0	—	8.6	+1.1	28.2	33	-1	27	+3	67	21	0	0	13	TOR	
	163	HURGHÂDA	00	9	32	4	0	Kr.	8	7	30	66	23	0	00	9	28	2	0	0	—	8	30	46	17	0	00	9	30	4	0	0	—	8		28	31		24		62	20	0	1	3	HURGHADA	
	147	QUSEIR	00	7	02	3	0	0	—	7.2	32.0	65	24	0	00	8	32	1	0	0	—	7.2	29.6	60	21	0	00	7	32	2	0	0	—	7.9	+1.0	31.8	33	-1	26	-1	45	19	0	0	4	QUSEIR	
	208	PORT SÛDÂN																																								0	292	104	PORT SUDAN	
N SÛDÂN	165	WADI HALFA																																							0	Tr.		WÂDI HALFA	N SÛDÂN
	166	KAREIMA																																							0	Tr.	20	KAREIMA	
	167	'ATBARA																																							0	2	52	'ATBARA	
	209	KHARTÛM																																							0	48	119	KHARTÛM	
	170	KASSALA																																							16	113	229	KASSALA	
C SÛDÂN	171	WAD MEDANI																																							0	276	295	WAD MEDANI	C SÛDÂN
	182	RENK																																										RENK	
	172	ROSEIRES																																							12	499	574	ROSEIRES	
	174	EL OBEID																																							41	378	250	EL OBEID	
	175	EL FÂSHER																																							0	89	231	EL FÂSHER	
	179	GENEINA																																										GENEINA	
S SÛDÂN	176	MALAKÂL																																							16	608	631	MALAKAL	S SÛDÂN
	177	WÂU																																							1	700	869	WÂU	
	178	JUBA																																							8	712	813	JUBA	

HUMIDITY

Mean of day

STATION	on 20th	Diff. from normal
Alexandria	63	-9
Ezbekîya	55	-7
Giza	53	-10
Helwân	51	0

GIZA
GRASS MINIMUM TEMP
ON 21st 16.4 °C

Remarks

UPPER AIR OBSERVATIONS on 20th/21st

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT — ON 20th AT 18

HEIGHT FEET	PRESSURE mb	DRY °C	WET °C
SURFACE	1003	29	23
500	975	29	19
1000	959	27	19
1500	950	27	18
2000	900	22	16
3000	850	19	12
4000	800	15	11
5000	750	16	4
6000	700	13	2
7000	650	11	1
8000	600	7	-2
9000	550	4	-2
10000	500	-1	-3
11000	450	-7	-7

FAROUK AIRPORT — RAWINSONDE — ON 21st AT 4

	PRESSURE mbs	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE			22	77	340	4
1000		290	21	75	340	4
950						
900		3240	15	75	50	11
850		4830	15	35	160	5
800		6500	14	25	170	5
700		10170	11		40	9
600		14350	6		40	12
500		19170	-3		240	19
400			-13			
300		27400	-26		250	24
250						
200		41110	-45		240	22
150						
100						

UPPER AIR OBSERVATIONS on 21st

DD Direction of wind in degrees East of North. VV Velocity in knots.

HEIGHT m.	SIDI BARÂNI DD	SIDI BARÂNI VV	MATRÛH DD	MATRÛH VV	FOUAD AIRPORT DD	FOUAD AIRPORT VV	PORT SAÏD DD	PORT SAÏD VV	FAROUK AIRPORT DD	FAROUK AIRPORT VV	ALMÂZA DD	ALMÂZA VV	HELWÂN DD	HELWÂN VV	MINYA DD	MINYA VV	ASYÛT DD	ASYÛT VV	LUXOR DD	LUXOR VV	ASWÂN DD	ASWÂN VV	SIWA DD	SIWA VV
TIME			4 45		3 30		3 30		4				6 40		3				5 30		5		4 45	
200			330	10	350	6	20	5	40	9			40	9	350	7			330	9	320	5	60	9
500			340	12	340	5	20	6	60	15			50	9	40	8			340	7	310	16	40	
1000			Ent. Sc.		350	7	350	5	80	12			50	10	350	21			350	17	310	16	360	3
1500					10	7	350	13	170	4			180	3	330	15			350	15	270	22	300	10
2000					50	9	220	2	160	4			Ent. Cu.		340	29			350	5	290	16	310	19
3000					30	9			40	8											280	41	350	18
4000					10	13			40	8														16
5000									30	10													360	15
6000									240	15														
7000																								
8000																								

HEIGHT m.	BAHARÎYA DD	BAHARÎYA VV	DAKHLA DD	DAKHLA VV	KHARGA DD	KHARGA VV	HURGHADA DD	HURGHADA VV	WÂDI HALFA DD	WÂDI HALFA VV	ABU HAMÂD DD	ABU HAMÂD VV	KAREIMA DD	KAREIMA VV	KHARTÛM DD	KHARTÛM VV	KASSALA DD	KASSALA VV	EL OBEID DD	EL OBEID VV	EL FÂSHER DD	EL FÂSHER VV	MALAKAL DD	MALAKAL VV
TIME			5		4		8																	
200			350	11	20	22	320	2																
500			360	13	30	36	220	2																
1000			350	10	30	46	180	3																
1500			330	8			330	3																
2000			330	9			290	3																
3000							300	6																
4000							270	2																
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/1951)

Note: All times G.M.T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto stratus	5
Strato cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

In 36 Scale 01-32 e.g.
08 = East, 16 = South
24 = West, 32 = North
00 is Calm

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on:
Saturday 21st August 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼ Indicates Cold front
▬▬▬▬▬▬ ,, Warm
▬▼▬▼▬▼ ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

S.C.E. 1948(48)/95

SCALE 1 15,000,000

CAIRO
Time of Sunrise 03 26 G.M.T.
" " Sunset 16 29 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

DAILY WEATHER REPORT

Date : SUNDAY 22nd AUGUST , 1948.

Form 91

LIBRARY WEATHER BUREAU

AREA	INDEX NUMBER	STATION	At 1200 on SATURDAY 21st: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	CLOUD PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C. TT	HUMIDITY % UU	DEW POINT °C.	RAIN 6-12 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI												
	160	MATRÛH												
	134	EL DABA	01	8	28	2	1	7	8	11.1	28.3	72	22	0
	132	ALEXANDRIA	01	9	28	3	2	3	8	10.3	28.2	57	19	0
	150	FOUAD (Airport)	01	7	28	2	0	7	8	10.2	29	62	21	0
	159	DAMIETTA	00	8	28	3	1	0	—	10.0	27.9	63	20	0
	161	PORT SA'ID	00	8	01	1	0	2	8	10	29	52	18	0
	135	EL 'ARISH	00	9	32	3	0	0	—	9.8	28.1	70	22	0
LOWER EGYPT	136	DAMANHUR	01	7	24	3	1	5	8	10.2	30.3	55	20	0
	137	MANŞURA	00	8	30	1	1	0	—	9.8	31.2	42	16	0
	138	TANTA	00	8	28	3	0	0	—	10.8	30.3	43	16	0
	139	ZAGAZIG	00	6	32	2	0	0	—	10.8	32.8	51	21	0
		SHIBÎN EL KÔM	00	8	04	3	0	1	8	9.5	33.3	30	13	0
		ISMAÎLÍA	00	8	02	1	0	0	—	8.3	33.0	33	15	0
CAIRO AREA	928	FAROUK(Airport)	00	8	30	3	1	3	8	9	31	38	15	0
	141	ALMÂZA	00	8	30	3	1	0	—	8.8	31.2	38	16	0
		EZBEKÍYA	00	8	30	1	0	0	—	9.0	30.3	45	17	0
		GÎZA	00	8	30	1	0	0	—	9.0	30.1	45	17	0
	143	HELWÂN	00	7	28	3	0	0	—	7.8	31.8	34	14	0
UPPER EGYPT	153	FAIYÛM	00	8	02	1	0	0	—	7.9	31.8	36	15	0
		BENI SUEF	00	9	02	1	0	0	—	8.3	33.6	34	15	0
	162	MINYA	00	8	01	4	0	0	—	8	34	27	12	0
	155	ASYÛT	00	8	22	2	0	0	—	8.2	33.3	27	12	0
	164	NAG' HAMMÂDI	00	8	24	1	0	0	—	7.2	34.9	26	14	0
	156	QENA	00	9	24	2	0	0	—	5.8	37.0	22	12	0
	157	LUXOR	00	8	24	3	0	0	—	6	36	15	6	0
	158	ASWÂN	00	9	28	2	0	0	—	6.3	36.6	20	11	0
OASES	148	SIWA	00	8	00	0	0	0	—	10.3	34.5	54	23	0
	149	BAHARÎYA	00	8	32	2	0	0	—	9.0	32.5	31	13	0
		FARAFRA												
	152	DAKHLA	00	9	28	2	0	0	—	8.7	34.7	23	11	0
	151	KHARGA	00	9	30	1	0	0	—	8.0	35.1	20	9	0
RED SEA	144	SUEZ	00	8	30	2	0	0	—	7.2	32.8	33	15	0
	145	TÛR	00	8	28	5	0	0	—	7.2	31.3	52	20	0
	163	HURGHÂDA	00	9	02	3	0	0	—	6	30	66	23	0
	147	QUSEIR	00	8	02	2	0	0	—	5.7	31.0	70	25	0
	208	PORT SÛDÂN												
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÛDÂN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S. SÛDÂN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

AREA	INDEX NUMBER	STATION	At 1800 on SATURDAY 21st: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	CLOUD PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C. TT	HUMIDITY % UU	DEW POINT °C.	RAIN 12-18 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI												
	160	MATRÛH												
	134	EL DABA												
	132	ALEXANDRIA	01	6	32	1	2	3	8	10.3	24.2	69	18	0
	150	FOUAD (Airport)	00	7	00	0	0	1	6	9.7	24	69	18	0
	159	DAMIETTA	00	7	28	2	1	0	—	9.5	24.7	83	22	0
	161	PORT SA'ID	00	7	01	2	0	1	8	9	26	62	18	0
	135	EL 'ARISH	00	9	28	3	0	0	—	9.4	25.8	82	23	0
LOWER EGYPT	136	DAMANHUR	00	7	24	2	2	8	8	10.0	25.2	78	21	0
	137	MANŞURA	00	6	04	2	0	0	—	9.8	24.6	78	20	0
	138	TANTA	00	8	24	1	0	0	—	11.0	25.8	70	19	0
	139	ZAGAZIG	00	6	32	2	0	0	—	11.5	27.1	76	22	0
		SHIBÎN EL KÔM	00	7	02	2	0	0	—	10.4	25.6	73	21	0
		ISMAÎLÍA	00	7	04	2	0	0	—	8.7	27.2	56	17	0
CAIRO AREA	928	FAROUK(Airport)	00	7	04	3	0	0	—	10	24	74	19	0
	141	ALMÂZA	00	7	01	2	0	1	0	8.0	28.0	50	17	0
		EZBEKÍYA	00	7	00	0	0	0	—	8.6	27.0	57	18	0
		GÎZA	00	7	00	0	0	0	—	8.4	26.4	59	17	0
	143	HELWÂN	00	7	30	2	0	0	—	7.8	27.8	46	15	0
UPPER EGYPT	153	FAIYÛM	00	8	32	1	0	0	—	7.6	27.6	47	15	0
		BENI SUEF	00	9	02	1	0	0	—	7.6	27.9	57	19	0
	162	MINYA	00	7	01	2	0	0	—	8.	26	48	14	0
	155	ASYÛT	00	8	20	1	0	0	—	7.9	29.1	34	13	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	—	6.3	27.7	50	17	0
	156	QENA	00	6	26	2	0	0	—	7.2	31.2	36	14	0
	157	LUXOR	00	7	00	0	0	0	—	6	31	24	8	0
	158	ASWÂN	00	9	30	1	0	0	—	7.2	34.5	17	6	0
OASES	148	SIWA	00	6	00	0	0	0	—	9.8	31.5	57	22	0
	149	BAHARÎYA	00	7	32	1	0	0	—	9.0	29.0	37	13	0
		FARAFRA	00	7	32	1	0	0	—	9.1	28.8	37	13	0
	152	DAKHLA	00	8	28	1	0	0	—	8.7	32.2	27	10	0
	151	KHARGA	00	7	30	1	0	0	—	7.0	32.1	31	13	0
RED SEA	144	SUEZ	00		32	2	0	0	—	7.8	26.8	60	18	0
	145	TÛR	00	8	28	1	0	0	—	6.4	31.4	41	16	0
	163	HURGHÂDA	00	8	00	0	0	0	—	5	30	59	21	0
	147	QUSEIR	00	8	32	1	0	0	—	4.4	29.2	69	23	0
	208	PORT SÛDÂN												
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÛDÂN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S. SÛDÂN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

AREA	INDEX NUMBER	STATION	At 0600 on SUNDAY 22nd: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR. PRESSURE M.S.L. mbs. PPP	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb TT	TEMPERATURE °C. MAXIMUM Yesterday T_xT_x	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today T_nT_n	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY % UU	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
MEDITERRANEAN	146	SIDI BARÂNI																		
	160	MATRÛH	00	7	28	3	0	1	8	11		25			20		84	22	0		
	134	EL DABA	02	8	28	2	2	8	8	10.6		26.2			24		84	23	0	117	
	132	ALEXANDRIA	01	9	32	2	2	7	8	9.5	-1.4	26.8	29	-1	23	0	67	20	0	209	186
	150	FOUAD (Airport)	01	7	00	0	1	7	8	9.2		28	29		20		70	22	0	213	138
	159	DAMIETTA	00	8	20	2	1	1	8	9.0	-0.8	26.1	30		19		67	19	0	85	106
	161	PORT SA'ID	01	7	27	2	1	3	6	9		26	30		24		68	17	0	56	81
	135	EL 'ARISH	01	9	28	2	1	7	8	8.7	-1.1	29.3	29	-1	23	+2	63	21	0		94
LOWER EGYPT	136	DAMANHUR	02	7	24	2	2	8	8	9.9	-0.5	26.3	31	-2	20	0	77	22	0	105	101
	137	MANŞURA	01	7	24	1	1	3	4	9.2	-0.9	27.0	33	-2	20	-1	60	19	0	73	55
	138	TANTA	00	8	00	0	0	0	—	10.2	-0.5	24.6	32	-2	17	-2	71	19	0	26	44
	139	ZAGAZIG	00	6	24	2	0	0	—	9.4	-1.0	27.2	33	-2	19	-1	81	23	0	36	27
		SHIBÎN EL KÔM	00	7	30	2	0	0	—	9.8	-0.9	25.0	34		19		67	18	0	34	
		ISMAÎLÍA	00	7	26	1	0	0	—	9.0		26.4					59	17	0	21	
CAIRO AREA	928	FAROUK(Airport)	00	7	04	3	0	0	—	10		25	32		19		65	18	0		
	141	ALMÂZA	00	7	01	2	0	Tr	8	9.0		24.0	32		20		68	18	0	25	
		EZBEKÍYA	00	7	28	2	0	Tr.	8	9.5	-1.0	25.2	32	-2	21	-1	68	19	0	32	26
		GÎZA	00	7	28	2	0	Tr.	8	9.4	-1.1	24.8	31	-3	18	-1	68	19	0	31	27
	143	HELWÂN	00	7	32	1	0	0	—	8.9	-1.5	24.1	33	-2	20	-1	66	17	0	19	29
UPPER EGYPT	153	FAIYÛM	00	8	32	2	0	0	—	9.2	-1.2	25.0	34	-2	20	-1	68	19	0	11	8
		BENI SUEF	00	9	02	1	0	0	—	8.8		26.8	34		20		65	20	0	11	
	162	MINYA	00	7	32	2	0	0	—	9		25	34		19		70	19	0	12	
	155	ASYÛT	00	7	22	1	0	0	—	9.0	-0.3	26.0	35	-1	20	-3	55	16	0	tr.	4
	164	NAG' HAMMÂDI	00	8	00	0	0	0	—	7.5	-2.9	28.3	35		19		50	16	0	0	
	156	QENA	00	8	24	2	0	0	—	7.1	-2.7	27.0	38	-2	23	-1	48	15	0	5	
	157	LUXOR	00	8	00	0	0	0	—	8		30	38		21		31	11	0	tr.	
	158	ASWÂN	00	9	16	1	0	0	—	7.9	+0.1	30.0	38	-3	25	-1	40	15	0	tr.	
OASES	148	SIWA	00		04	2	0	0	—	11.6	-0.9	23.5	36	-2	20	0			0	23	8
	149	BAHARÎYA	00	8	32	1	0	0	—	10.6	-0.6	24.5	33	-3	20	0	72	19	0	18	7
		FARAFRA	00	7	00	0	0	0	—	10.4		27.1	36		20		46	14	0		
	152	DAKHLA	00	8	28	2	0	0	—	9.2	-0.9	27.3	36	-3	22	-1	37	11	0	tr.	
	151	KHARGA	00	9	30	1	0	0	—	8.2	-0.9	29.1	37	-2	22	-1	44	15	0	0	
RED SEA	144	SUEZ	00	8	32	2	0	0	—	8.3	-1.2	25.9	35	-1	23	0	66	19	0		17
	145	TÛR	00	8	28	2	0	0	—	7.0	0.0	28.4	38	+4	26	+2	63	20	0	0	13
	163	HURGHÂDA	00	9	30	5	0	0	—	7		28	31		25		58	19	0	1	3
	147	QUSEIR	00	7	28	1	0	0	—	6.4	-0.6	31.6	32	-2	25	-2	51	21	0	0	4
	208	PORT SUDAN	02	8	02	2	1	8	4	6		33			27		66	26	0	292	104
NORTH SÛDÂN	165	WADI HALFA	01	8	00	0	1	5	2			28					15	0	tr.		
	166	KAREIMA	00	8	10	1	0	tr.	—	3		31			27		—	0	tr.	21	
	167	'ATBARA	01	7	18	4	1	5	4	9		29			26		62	21	0	2	54
	209	KHARTÛM	01	8	16	5	1	5	8,4	10		27			25		—		0	48	122
	170	KASSALA	01	8	18	2	1	5	4	11		26					66	19	34	147	233
CENTRAL SÛDÂN	171	WAD MEDANI	00	9	18	4	0	1	3	11		24					84	21	0	276	299
	182	RENK	02	9	20	2	2	10	8	13		24					94	23	0		386
	172	ROSEIRES																		499	581
	174	EL OBEID	01	8	10	4	1	7	8											378	254
	175	EL FÂSHER	02	8	00	0	1	9	4,4			22					94	21	0	89	235
	179	GENEINA	02	8	28	1	1	9	4			21					95	21	2		420
S. SÛDÂN	176	MALAKÂL	02	8	18	1	1	10	6,4	14					21			22	0	608	637
	177	WÂU	02	8	18	2	1	10	6,4	13		24			22		89	22	tr.	700	870
	178	JUBA	02	8	00	0	1	10	8,4	14		23			22		84	20	1	713	817

HUMIDITY

Mean % of day

STATION	on 21st	Diff. from normal
Alexandria	63	-9
Ezbekiya	56	-6
Giza	57	-6
Helwân	49	-2

GIZA
GRASS MINIMUM TEMP
ON 22nd 15.5 °C

Remarks

UPPER AIR OBSERVATIONS on 21st

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT ON 21st AT 17

HEIGHT FEET	PRESSURE mbs	DRY °C	WET °C
SURFACE	1000	29	21
500	969	29	21
1000	952	28	19
1500	934	27	19
2000	919	25	18
4000	853	20	14
6000	797	18	7
8000	739	17	4
10000	682	14	2
12000	630	13	1
14000	582	8	-3
16000	535	3	-3
18000	491	0	-4
20000	451	-3	-6

FAROUK AIRPORT RAWINSONDE ON 22nd AT 3

PRESSURE mbs	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		20	84	350	3
1000	230	20	85	350	3
950		20	85		
900	3200	18	75	330	5
850	4820	19		210	3
800	6520	17		10	4
700	10220	14		20	12
600	14410	6		20	9
500	19230	-2		20	9
400		-13			
300	31970	-24		250	38
250					
200					
150					
100					

STATION							P. Said		Minya	
TIME							14	15	15	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200							10	16	350	9
500							10	14	350	9
1000							10	9	340	11
1500							280	9	20	8
2000							320	8	60	3
3000							360	2		
4000										
5000										
6000										
7000										
8000										

STATION										
TIME										
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200										
500										
1000										
1500										
2000										
3000										
4000										
5000										
6000										
7000										
8000										

UPPER AIR OBSERVATIONS on 22nd

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAID		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			4		3		4		3				7		3				5 15		5		4 45	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			300	14	300	19	270	3	20	7			350	7	20	16			310	8	310	3	10	10
500			360	13	310	10	270	2	360	8			20	8	10	22			310	8	300	5	20	10
1000			350	18	310	12	190	4	340	6			40	6	350	20			280	14	260	14	Ends C6	
1500			350	20	Ends Cu		140	2	210	3			230	9	300	10			260	10	270	14		
2000			360	14					10	4			170	4	160	11			250	12	250	14		
3000			330	12					10	10			10	6	80	10								
4000									20	8			20	8										
5000									20	7			50	4										
6000									10	7			20	10										
7000																								
8000																								

STATION	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME			5		6		8																	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			320	11	30	9	340	16																
500			350	12	30	9	270	12																
1000			350	15	20	10	340	9																
1500			350	12	340	5	300	6																
2000			330	11	250	10	270	3																
3000			330	12	270	11	180	3																
4000							190	6																
5000							140	5																
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

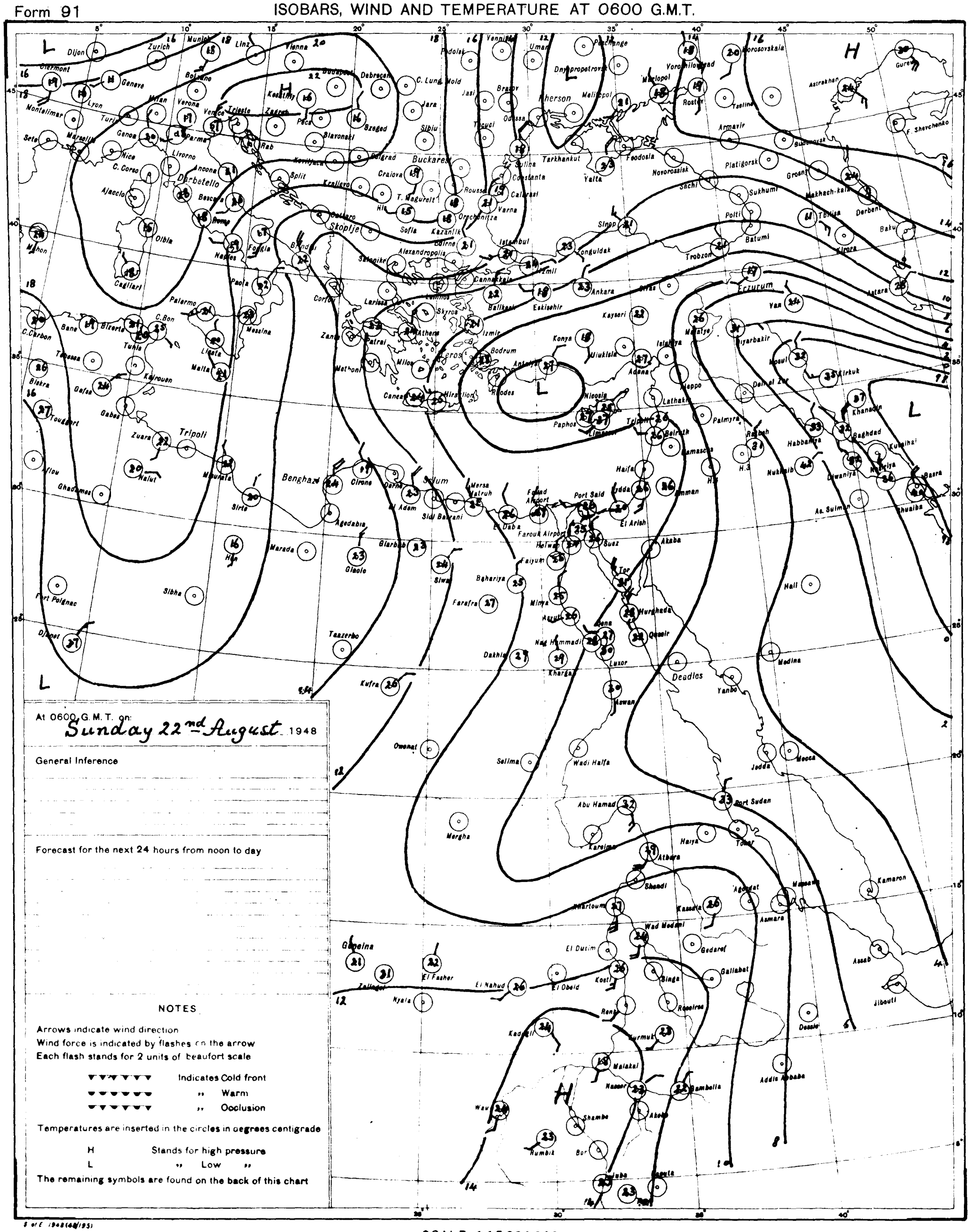
	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:

Sunday 22nd August 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction

Wind force is indicated by flashes on the arrow

Each flash stands for 2 units of beaufort scale

Indicates Cold front

" Warm

" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure

L " Low "

The remaining symbols are found on the back of this chart

S or E 1948(40/195)

SCALE 1:15,000,000

LIBRARY
MAR 8 1949
WEATHER BUREAU

Form 91

OAIRO
Time of Sunrise 03 27 G.M.T.
" " Sunset 16 28 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

DAILY WEATHER REPORT

Date: MONDAY 23rd AUGUST, 1948.

AREA	INDEX NUMBER	STATION	At 1200 on SUNDAY 22nd: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C. TT	HUMIDITY % UU	DEW POINT °C.	RAIN 6-12 G.M.T. mms	At 1800 on 22nd: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C. TT	HUMIDITY % UU	DEW POINT °C.	RAIN 12-18 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI																							
	160	MATRÛH																							
	134	EL DABA	oo	9	28	3	•	o	–	8.3	28.4	75	23	•											
	132	ALEXANDRIA	o2	9	28	3	2	8	8	8.3	29.2	64	21	•	o1	6	32	3	2	6	4	8.8	26.0	76	21	•
	150	FOUAD (Airport)	o2	7	29	4	2	8	8	8.6	29	66	22	o	o1	7	29	1	1	5	6	8.2	26	79	22	•
	159	DAMIETTA	oo	8	23	3	1	o	–	7.9	28.2	63	20	o	oo	7	28	1	1	o	–	7.8	25.4	89	24	•
	161	PORT SA'ÎD	o6	8	32	2	o	•	.	8	28	58	19	o	o1	7	32	2	•	5	6	7	26	74	21	•
	135	EL 'ARÎSH	oo	9	28	3	•	•	–	8.0	27.9	79	23	o	oo	9	32	3	•	•	–	7.2	26.1	82	23	•
LOWER EGYPT	136	DAMANHUR	o1	7	04	3	1	3	8	8.3	30.2	65	20	o	oo	7	32	3	o	o	–	9.5	24.0	74	19	•
	137	MANSURA	o1	8	02	2	1	3	8	7.4	32.2	47	19	o	oo	6	04	2	1	•	–	8.2	26.2	73	21	•
	138	TANTA	o1	8	28	3	1	3	8	7.3	31.3	48	19	o	oo	8	28	1	1	•	–	8.7	25.7	73	21	•
	139	ZAGAZIG	oo	6	24	2	•	o	–	7.2	30.4	66	23	o	oo	6	32	2	o	•	–		27.7	71	22	o
		SHIBÎN EL KÔM	oo	8	30	3	•	1	8	8.6	33.2	42	18	•	oo	7	30	2	o	•	–	9.6	26.7	68	20	•
		ISMA'ÎLÎA	oo	8	24	2	o	o	–	7.3	34.6	27	12	o	oo	7	04	2	•	•	–	7.8	28.5	43	14	•
CAIRO AREA	928	FAROUK(Airport)	oo	8	28	4	•	6	8	8	30	40	15	o	oo	7	32	4	.	.	.	8	28	52	17	•
	141	ALMÂZA	oo	8	30	2	•	•	–	7.2	30.0	46	17	•	oo	7	32	2	•	o	–	7.1	28.7	58	20	•
		EZBEKÎYA	oo	8	30	2	•	•	–	7.5	30.2	46	17	•	oo	7	30	2	•	•	–	7.5	27.8	66	21	•
		GÎZA	oo	8	30	2	•	•	–	8.2	30.4	46	17	•	oo	7	30	2	•	•	–	6.6	27.8	65	21	•
	143	ḤELWÂN	oo	7	26	3	•	•	–	7.1	30.0	40	15	•	oo	7	30	2	•	•	–	6.8	29.0	52	18	o
UPPER EGYPT	153	FAIYÛM	oo	8	26	1	o	•	–	6.6	32.0	37	16	o	oo	8	02	1	o	•	–	6.9	29.7	50	18	•
		BENI SUEF	oo	9	02	1	o	•	–	6.3	33.6	34	16	o	oo	9	02	1	o	•	–	6.7	28.2	57	19	•
	162	MINYA	oo	8	31	4	o	o	–	7	34	23	10	•											
	155	ASYÛT	oo	8	22	1	o	o	–	6.8	33.4	30	13	•	oo	6	26	1	o	•	–	6.8	29.2			•
	164	NAG' ḤAMMÂDI	oo	8	28	1	•	•	–	5.8	34.6	31	16	•	oo	8	oo	o	o	•	–	5.0	27.2	65	20	•
	156	QENA	oo	9	22	3	o	•	–	5.1	36.2	30	15	•	oo	6	22	2	o	•	–	5.0	30.8	39	15	•
	157	LUXOR	oo	8	22	3	o	•	–	5	36	15	o6	•											
	158	ASWÂN	oo	9	26	2	o	•	–	5.6	36.6	23	13	•	oo	9	26	1	o	•	–	5.9	32.2	32	13	•
OASES	148	SIWA	oo	8	28	2	•	•	–	11.1	34.6	51	23	•	oo	6	oo	o	•	•	–	10.0	30.0	54	20	•
	149	BAHARÎYA	o1	8	32	2	1	3	4	8.6	33.0	39	17	•	oo	7	32	1	•	•	–	7.8	30.5	41	15	•
		FARAFRA													oo	7	32	1	•	•	–	8.2	29.8	39	15	•
	152	DAKHLA	oo	9	32	2	o	o	–	6.7	34.7	19	7	o	oo	8	28	1	o	•	–	7.5	31.6	26	10	•
	151	KHARGA	oo	9	30	2	o	•	–	6.4	34.3	30	14	•	oo	7	o2	1	•	•	–	6.2	31.2	31	12	•
RED SEA	144	SUEZ	oo	8	32	2	o	•	–	6.3	32.2	44	18	•	oo		32	3	•	•	–	6.7	29.5	54	20	•
	145	TÛR	oo	8	28	3	•	•	–	5.6	31.0	52	20	o	oo	8	28	1	o	•	–	5.1	31.8	39	16	•
	163	HURGHÂDA	oo	9	o2	2	•	•	–	6	30	70	24	•	oo	9	oo	•	•	•	–	5	28	62	20	•
	147	QUSEIR	oo	7	32	2	•	•	–	5.4	31.0	76	25	•	oo	8	129	2	•	•	–	5.2	29.0	74	24	•
	208	PORT SÛDÂN	o6	6	04	2	1	10	6,2	4	34	59	25	•											
NORTH SÛDÂN	165	WADI HALFA	oo	8	14	4	o	•	–	5				•											
	166	KAREIMA	oo	8	o8	1	•	6		4				•											
	167	'ATBARA	o1	8	34	1	1	5	4	4				•											
	209	KHARTÛM	o1	8	22	3	•	5	8,4	6	35			•											
	170	KASSALA	oo	8	20	2	1	2	8		32	56	22	•											
CENTRAL SÛDÂN	171	WAD MEDANI	o2	8	10	3	•	8	4	8				•											
	182	RENK																							
	172	ROSEIRES	o3		28	2	2	10	7,5,5					o											
	174	EL OBEID	o1	8	20	3	1	6	8	7	31	55	21	•											
	175	EL FÂSHER	o1	8	10	2	1	6	4,4		33	41	18	•											
	179	GENEINA	o8	8	34	1	•	6	8,4		28	62	20	o											
S. SÛDÂN	176	MALAKÂL	10	2	18	2	1	7	9,4	10	28	66	21	•											
	177	WÂU																							
	178	JUBA																							

HUMIDITY
Mean of day %

STATION	on 22nd	Diff. from normal
Alexandria	74	+2
Ezbekîya	62	0
Giza	62	-2
Helwân	66	+4

GIZA
GRASS MINIMUM TEMP
ON 23rd 18.1°C

Remarks

UPPER AIR OBSERVATIONS on 22nd
DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA
AEROPLANE ASCENT
ON 22nd At 14 45

HEIGHT FEET	PRESSURE mbs	DRY °C	WET °C	WIND DD	WIND VV
SURFACE	997	31	25		
500	969	30	22		
1000	952	28	21		
1500	934	27	20		
2000	920	25	19		
4000	854	21	14		
6000	789	21	7		
8000	730	17	4		
10000	673	15	3		
12000	629	11	1		
14000	582	7	-2		
16000	536	4	-2		
18000	493	-1	-4		
20000	451	-5	-7		

FAROUK AIRPORT
RAWINSONDE
ON 23rd At 04

PRESSURE mbs	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE					
1000					
950	260	24	85	270	6
900					
850	3240	20	35	350	13
800	4850	17	35	340	14
700	6530	13	55	360	17
600	10210	12	–	360	5
500	14330	4	–	20	12
400	19140	-1	–	350	8
300					
250	31770	-27	–	250	31
200					
150					
100					

STATION	P. SAÎD		P. Fouad		MINYA									
TIME	14 30		15		15									
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	340	10	360	16	360	17								
500	320	14	350	16	340	23								
1000	330	17	330	10	350	23								
1500	280	11	350	12	350	21								
2000	280	11			340	22								
3000					330	23								
4000														
5000														
6000														
7000														
8000														

STATION														
TIME														
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200														
500														
1000														
1500														
2000														
3000														
4000														
5000														
6000														
7000														
8000														

Printed by the Survey of Egypt 1948 (48/195)

At 0600 on MONDAY 23rd:

AREA	INDEX NUMBER	STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESSURE M.S.L. mbs. PPP	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb TT	TEMPERATURE °C. MAXIMUM Yesterday T_xT_x	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today T_nT_n	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY % UU	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
MEDITERRANEAN		SÎDI BARÂNI																			
		MATRÛH	oo	8	27	3	•	o	–	10		26			20		84	22	•		
		EL DABA'	o1	8	28	2	1	5	8	9.2		24.4			20				•	107	
		ALEXANDRIA	o1	9	32	3	2	5	8	9.0	-2.0	26.8	30	•	24	+1	74	32	•	209	186
		FOUAD (Airport)	o1	7	27	2	1	5	6	8.5		27	30		26		74	22	•	213	138
		DAMIETTA	o1	8	26	2	1	7	8	7.8	-2.1	26.9	29		21		77	27	•	85	106
		PORT SA'ÎD	oo	7	23	2	•	2	6	8		26	29		25		84	23	•	61	81
		EL 'ARÎSH	oo	9	30	3	•	•	–	7.9	-2.0	27.4	29	-1	21	•	68	21	•		94
LOWER EGYPT		DAMANHÛR	o1	6	28	3	1	7	8	8.6	-1.9	27.4	31	-2	21	+1	76	23	•	105	101
		MANSÛRA	oo	8	32	1	•	•	–	8.4	-1.8	26.8	33	-1	21	•	72	22	•	73	55
		TANTA	oo	8	20	1	•	•	–	8.7	-2.7	25.6	33	-1	19	•	86	22	•	26	44
		ZAGAZIG	oo	6	32	2	•	•	–	8.2	-2.8	27.2	32	-3	21	+1	78	23	•	36	27
		SHIBÎN EL KÔM	oo	7	28	2	•	•	–	8.8	-1.9	25.9	34		21		77	22	•	24	
		ISMA'ÎLÎA	o1	7	26	1	1	5	6	8.2		27.2					68	21	•	21	
CAIRO AREA		FAROUK(Airport)	o5		28	3	o	3	6	9		24			22		84	21	•		
		ALMÂZA	o2	7	30	1	1	8	6	8.3	-2.3	25.4	32		22		80	22	•	25	
		EZBEKÎYA	o1	7	28	1	2	5	8	8.8	-1.8	26.2	32	-2	23	+2	77	22	o	32	26
		GÎZA	o1	7	28	1	2	5	8	8.7	-1.9	25.8	32	-2	21	+2	79	22	•	31	27
		ḤELWÂN	o9	7	28	1	2	5	6	8.6	-1.9	24.4	32	-2	22	+1	81	20	•	19	29
UPPER EGYPT		FAIYÛM	o1	8	30	2	1	5	8	9.0	-1.5	26.2	33	-2	22	+1	75	21	•	11	8
		BENI SUEF	o1	9	o2	2	•	5	8,5	8.7		26.4	35		21		72	21	•	11	
		MINYA	oo	7	o1	3	•	1	8	9		25			21		74	20	o	12	
		ASYÛT	oo	7	20	1	•	•	–	8.7	-0.7	27.2	35	-1	21	-1	61	19	•	dr	4
		NAG' ḤAMMÂDI	oo	8	oo	o	•	•	–	7.5	-1.0	30.0	35		19		49	18	•	o	
		QENA	oo	8	32	3	•	•	–	7.1	-0.8	27.4	37	-3	25	+1	45	14	•	5	
		LUXOR	oo	8	18	1	•	•	–	7		30			23		29	10	•	dr	
		ASWÂN	oo	9	oo	o	•	•	–	8.0	+0.2	28.5	38	-3	25	-1	39	13	•	dr	
OASES		SIWA	o3	7	oo	o	2	10	5	11.9	-0.7	32.5	35	-2	20	•	78	18	o	23	8
		BAHARÎYA	oo	8	o2	1	•	•	–	9.9	-1.4	25.0	34	-2	20	o	76	20	•	13	7
		FARAFRA	oo	7	o4	1	•	•	–	10.3		23.0	35		21		50	15	•		
		DAKHLA	oo	8	28	1	•	•	–	8.9	-1.3	29.3	36	-3	24	+1	38	13	•	dr	
		KHARGA	oo	9	oo	o	•	•	–	9.4	-0.7	28.8	36	-3	22	•	53	18	•	o	
RED SEA		SUEZ	o2	6	oo	o	2	8	6	7.5	-2.1	25.9	35	-1	23	o	72	20	•	–	17
		TÛR	oo	8	28	3	•	•	–	7.0	-0.1	28.9	37	+3	24	•			•	•	13
		HURGHÂDA	oo	9	32	4	•	•	–	7		28	32		25		62	20	•	1	3
		QUSEIR	oo	7	30	1	•	•	–	6.4	-0.7	31.2	33	-1	25	-2	41	14	•	•	4
		PORT SUDAN																	•	292	104
NORTH SÛDÂN		WÂDI HALFA																	•	6	
		KAREIMA																	•	6	21
		'ATBARA																	•	2	55
		KHARTÛM																	•	48	125
		KASSALA																	7	154	237
CENTRAL SÛDÂN		WAD MEDANI																	•	276	303
		RENK																	•		391
		ROSEIRES																	•	499	538
		EL OBEID																	•	378	458
		EL FÂSHER																	2	91	240
		GENEINA																			428
S. SÛDÂN		MALAKÂL																	•	608	643
		WÂU																	45	745	883
		JUBA																	•	713	821

UPPER AIR OBSERVATIONS on 23rd
DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÎD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			4		3 30				4				07		3				5 15		5		4 15	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			310	16	310	14			310	9			320	8					140	1	280	3	360	11
500			300	11	320	15			350	10			10	9	10	21			350	11	300	10	360	13
1000			340	14	330	16			350	10			360	11	10	47			350	13	280	16	10	15
1500			350	18	260	12			340	12			320	17	10	54			340	3	270	14	Ends	
2000			340	11	260	15			350	4			340	7	10	31			70	5	260	27		
3000									360	5			340	3	320	16			330	4				
4000													30	6										
5000									10	10			360	12										
6000									350	8			40	6										
7000																								
8000									260	49														

STATION	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME			5		6																			
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			320	12	20	7																		
500			340	8	20	8																		
1000			350	9	20	9																		
1500			360	13	10	14																		
2000			350	14																				
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

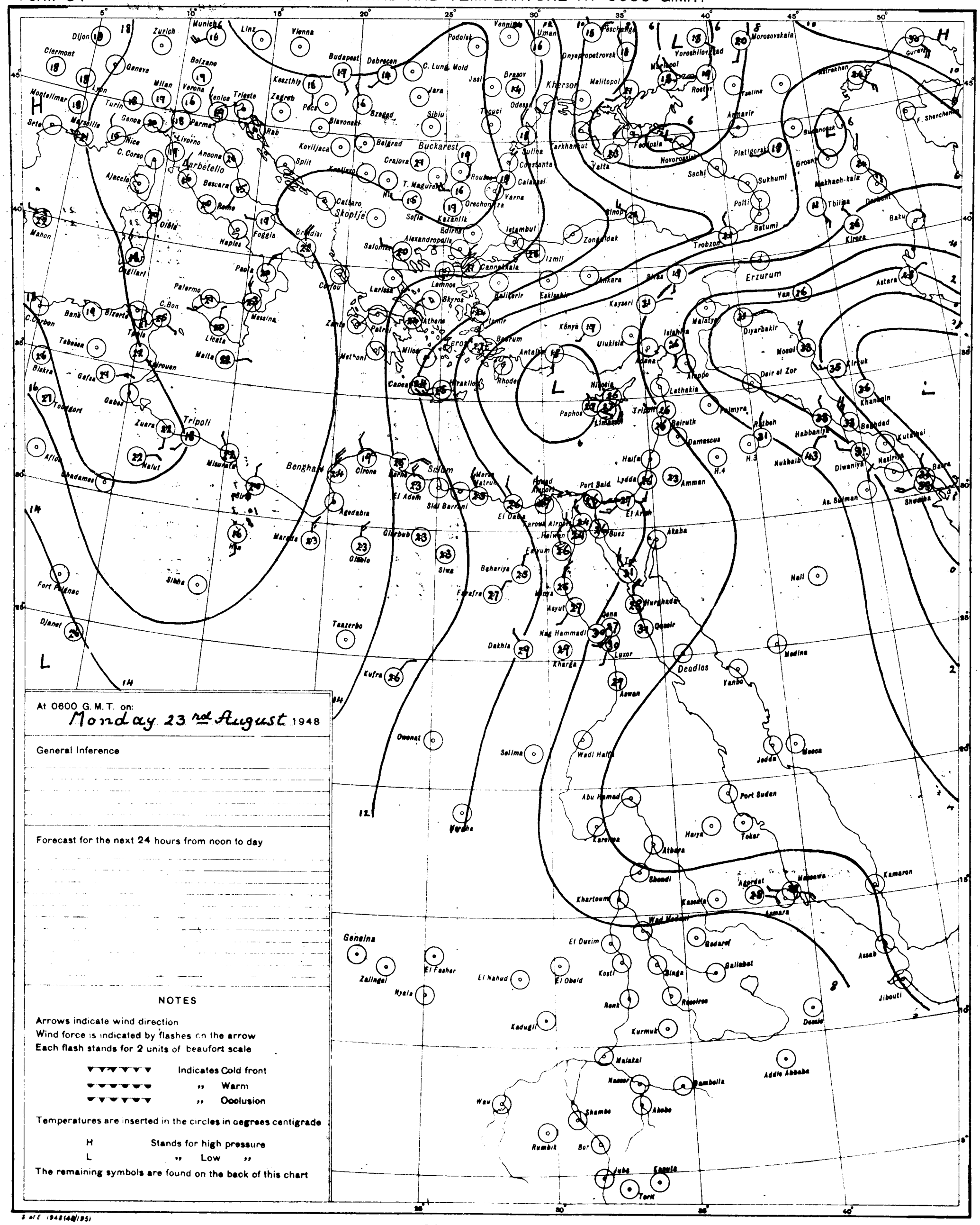
	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G. M. T. on:
Monday 23rd August 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "
The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

MAR 8 19 WEATHER BUREAU

CAIRO
Time of Sunrise 5 27 G.M.T.
" " Sunset 16 27 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: TUESDAY 24th AUGUST, 1948.

At 1200 on MONDAY 23rd

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI												
	160	MATRÛH												
	134	EL DABA	••	9	28	2	•	•	-	8.8	28.1	45	15	•
	132	ALEXANDRIA	01	9	32	4	2	3	4	9.1	28.6	64	21	•
	150	FOUAD (Airport)	00	7	29	3	•	•	-	8.7	29	59	20	•
	159	DAMIETTA	00	8	28	4	1	•	-	7.5	28.1	75	23	•
	161	PORT SAÏD	00	8	29	4	0	•	-	7	29	66	22	•
	135	EL 'ARISH	00	9	30	4	•	•	-	7.2	28.9	83	26	•
LOWER EGYPT	136	DAMANHÛR	00	7	32	3	•	6		8.3	30.0	61	22	•
	137	MANŞÛRA	01	8	30	1	1	5		7.9	33.	43	19	•
	138	TANTA	••	8	30	3	1	2	8	8.0	33.0	50	21	•
	139	ZAGAZIG	00	6	32	2	0	•	-	8.4	33.2	50	21	•
		SHIBÎN EL KÔM	00	8	30	3	•	6	8	8.3	33.2	42	18	•
		ISMAÏLÍA	••	8	30	1	•	•	-	6.7	35.0	30	15	•
CAIRO AREA	928	FAROUK(Airport)	00	8	26	3	0	•	-	7	33	34	15	•
	141	ALMÂZA	••	8	28	3	•	•	-	7.3	32.0	38	16	•
		EZBEKÍYA	••	8	30	1	•	•	-	7.5	33.0	40	18	•
		GÎZA	••	8	30	1	•	•	-	7.8	33.3	38	17	•
	143	HELWÂN	••	7	30	3	•	•	-	7.1	32.0	32	13	•
UPPER EGYPT	153	FAIYÛM	00	8	32	2	•	•	-	7.5	33.0	34	15	•
		BENI SUEF	••	9	02	2	•	•	-	7.5	34.8	36	18	•
	162	MINYA	00	8	32	4	•	•	-	7	35	29	14	•
	155	ASYÛT	00	8	22	2	•	•	-	7.2	34.0	27	12	•
	164	NAG' HAMMÂDI	00	8	00	•	•	•	-	5.6	35.9	30	15	•
	156	QENA	00	9	22	2	•	•	-	4.2	38.0	27	16	•
	157	LUXOR	00	8	24	2	•	•	-	5	37	17	08	•
	158	ASWÂN	00	9	28	1	•	•	-	5.2	37.0	26	14	•
OASES	148	SIWA	••	8	25	2	•	•	-	11.4	35.1	46	23	•
	149	BAHARÍYA	••	8	28	2	•	•	-	8.2	33.5	26	26	•
		FARAFRA												
	152	DAKHLA	••	9	28	2	•	•	-	8.0	34.7	20	09	•
	151	KHARGA	••	9	30	1	•	•	-	6.8	36.0	29	15	•
RED SEA	144	SUEZ	••	8	32	1	•	•	-	6.1	33.9	34	16	•
	145	TÛR	••	8	28	1	•	•	-	6.7	31.0	40	16	•
	163	HURGHÂDA	••	9	02	2	•	6	8	6	31	62	23	•
	147	QUSEIR	••	8	02	2	•	•	-	6.2	31.0	69	25	•
	208	PORT SÛDAN												
NORTH SÛDAN	165	WADI HALFA	••	8	26	4	•	•	-		39	30	18	•
	166	KAREIMA												
	167	'ATBARA	01	8			1	5	9	4	39		16	•
	209	KHARTÛM												
	170	KASSALA	01	8	20	2	1	5	8,4	7	33			0
CENTRAL SÛDÂN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID	01	8	00	•	1	5	8,4	6	31	66	24	•
	175	EL FÂSHER	01	8							32	43	18	•
	179	GENEINA												
S. SÛDÂN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 1800 on 23rd

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	134	EL DABA	01	5	32	2	2	5	4	9.5	26.0	63	18	•
	132	ALEXANDRIA	00	7	27	2	•	1	6	9.0	26	70	20	•
	150	FOUAD (Airport)	••	7	28	3	•	•	-	7.9	25.5	83	23	•
	159	DAMIETTA	••	7	27	4	•	•	-	7.8	27	70	21	•
	161	PORT SAÏD	••	9	30	3	•	•	-	7.6	26.1	88	24	•
	135	EL 'ARISH												
LOWER EGYPT	136	DAMANHÛR	••	7	32	2	•	•	-	8.6	24.2	85	21	•
	137	MANŞÛRA	••	6	04	2	•	•	-	8.7	25.5	69	20	•
	138	TANTA	••	8	16	1	•	•	-	9.9	24.0	85	21	•
	139	ZAGAZIG	••	6	32	2	•	•	-	9.4	26.2	75	21	•
		SHIBÎN EL KÔM	••	7	30	2	•	•	-	8.8	27.4	66	20	•
		ISMAÏLÍA	••	7	26	2	•	•	-	8.8	28.9	47	15	•
CAIRO AREA	928	FAROUK(Airport)	00	7	28	3	•	•	-	9	28	58	19	•
	141	ALMÂZA	00	7	28	2	•	•	-	8.8	27.4	60	16	•
		EZBEKÍYA	••	7	30	2	•	•	-	9.2	27.1	61	19	•
		GÎZA	••	7	30	2	•	•	-	9.0	26.8	57	17	•
	143	HELWÂN	••	7	30	3	•	•	-	8.3	28.0	52	17	•
UPPER EGYPT	153	FAIYÛM	00	8	32	3	•	•	-	7.5	30.0	37	14	•
		BENI SUEF	00	7	02	2	•	•	-	8.0	29.4	51	18	•
	162	MINYA	••	7	00	0	•	•	-	7	27	55	17	•
	155	ASYÛT	00	6	26	1	•	•	-	6.6	29.2	39	14	•
	164	NAG' HAMMÂDI	00	8	00	•	•	•	-	5.6	29.8	41	15	•
	156	QENA	••	6	24	4	•	•	-	4.4	31.4	35	14	•
	157	LUXOR	00	7	25	2	•	•	-	5	34	19	07	•
	158	ASWÂN	00	7	28	1	•	•	-	1.2	33.0	26	11	•
OASES	148	SIWA	00	6						10.6	30.5	62	22	•
	149	BAHARÍYA	••	7	32	1	•	•	-	8.7	30.5	31	11	•
		FARAFRA	00	7	32	1	•	•	-	9.2	29.0	23	06	0
	152	DAKHLA	••	7	00	•	•	•	-	8.7	32.3	27	10	•
	151	KHARGA	••	7	00	•	•	•	-	7.0	31.7	34	14	•
RED SEA	144	SUEZ	••	7	32	2	•	•	-	8.0	28.9	60	20	•
	145	TÛR	••	8	28	1	•	•	-	5.6	32.6	32	13	6
	163	HURGHÂDA	••	7	28	1	•	•	-	5	30	49	18	•
	147	QUSEIR	••	8	10	1	•	•	-	5.8	29.0	84	26	•
	208	PORT SÛDAN												
NORTH SÛDAN	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÛDÂN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S. SÛDÂN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 0600 on TUESDAY 24th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. MAXIMUM Yesterday	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
			ww	V	DD	F	W		C	PPP		TT	TxTx		TnTn		UU				
MEDITERRANEAN	146	SIDI BARÂNI																	•		
	160	MATRÛH	00	8	28	4	•	6	6	11		26			20		70	20	•		
	134	EL DABA	01	8	28	3	1	3	8	10.6		26.8			23		75	22	•	117	
	132	ALEXANDRIA	01	9	28	4	2	3	4	9.4	-1.7	26.0	30	•	23	•	79	17	•	209	186
	150	FOUAD (Airport)	00	7	29	3	•	1		9.2		27	30		24		55	17	•	213	138
	159	DAMIETTA	01	8	20	3	1	3	8	8.3	-1.7	26.2	30		19		76	21	•	85	106
	161	PORT SAÏD	00	7	22	3	1	1	8	8		26	31		24		74	21	•	56	81
	135	EL 'ARISH	00	7	26	4	•	6		8.3	-1.7	26.9	30	•	21	•	69	21	6		74
LOWER EGYPT	136	DAMANHÛR	00	6	28	3	•	•	-	9.1	-1.5	26.2	30	-3	19	-1	77	22	•	105	101
	137	MANŞÛRA	00	8	04	1	•	•	-	8.8	-1.6	26.2	34	•	20	-1	67	19	•	73	55
	138	TANTA	00	8	16	1	•	•	-	9.3	-1.1	24.4	33	-1	18	-1	72	19	•	26	44
	139	ZAGAZIG	00	6	32	2	0	•	-	9.4	-1.7	26.4	35	•	20	•	71	22	•	36	27
		SHIBÎN EL KÔM	00	7	28	2	•	•	-	9.8	-1.1	25.3	35		20		69	19	•	34	
		ISMAÏLÍA	00	6	24	1	1	7	6	8.7		28.2					67	21	•	21	
CAIRO AREA	928	FAROUK(Airport)	01	7	22	5	•	5	6	9		25	33		22		74	20	•		
	141	ALMÂZA	01	6	26	2	•	7	6	9.6	-1.1	25.0	33		22		71	20	•	25	
		EZBEKÍYA	01	7	24	1	1	5	8	10.0	-0.7	25.5	34	0	21	•	71	19	•	32	26
		GÎZA	01	7	24	1	1	5	8	9.9	-0.8	25.8	34	•	18	-1	71	20	•	31	27
	143	HELWÂN	09	7	00	•	1	5	2	10.0	-0.5	24.0	34	•	20	-1	76	19	•	19	29
UPPER EGYPT	153	FAIYÛM	01	8	30	2	1	3	8	10.2	-0.4	25.7	35	-1	20	-1	66	19	•	11	8
		BENI SUEF	••	7	02	1	•	•	-	9.9		26.4	35		18		68	19	•	11	
	162	MINYA	••	7	32	2	•	•	-	10		25	35		18		58	16	•	12	
	155	ASYÛT	00	7	22	1	•	•	-	10.2	+0.7	27.1	35	-1	22	•	49	15	•	4	4
	164	NAG' HAMMÂDI	00	8	00	•	•	•	-	8.7	+0.1	29.4	37		21		47	16	•	•	
	156	QENA	00	8	24	2	•	•	-	8.0	0.0	27.0	39	-1	24	•	51	16	•	5	
	157	LUXOR	00	8	00	•	•	•	-	8		31	39		23		31	12	0	tr	
	158	ASWÂN	00	7	00	•	•	•	-	8.6	+0.7	30.0	38	-3	26	•	41	15	•	tr	
OASES	148	SIWA	00	7	30	2	•	•	-	13.2	+0.5	23.5	36	-1	20	•	82	20	•	23	8
	149	BAHARÍYA	00	8	04	1	•	•	-	10.4	-1.0	25.5					58	16	•	18	7
		FARAFRA	••	7	32	1	•	•	-	11.0		27.4	37		21		32	09	•	-	
	152	DAKHLA	••	8	00	•	•	•	-	10.1	-0.2	27.8	37	-1	22	-1	27	07	•	tr	
	151	KHARGA	••	7	00	•	•	•	-	9.1	-0.1	29.9	39	•	23	+1	41	14	•	•	
RED SEA	144	SUEZ	00	8	32	1	•	•	-	9.6	-0.1	25.9	36	•	21	-2	66	19	•	-	17
	145	TÛR	00	8	28	4	•	•	-	8.3	+1.1	28.6	35	+1	27	+3	59	20	•	•	13
	163	HURGHÂDA	••	7	30	4	•	•	-	1		29	31		27		52	18	•	1	3
	147	QUSEIR	••	7	32	3	•	•	-	7.1	-0.1	30.3	34	•	26	-1	58	21	•	•	4
	208	PORT SUDAN	00	8	30	1	1	1	4	6		33			34		15	•	292	104
NORTH SÛDAN	165	WADI HALFA	••	8	00	•	•	•	-	9		29			23		46	16	•	5	
	166	KAREIMA	00	8	18	1	•	•	-	8		24							•	tr	22
	167	'ATBARA																	•	2	56
	209	KHARTÛM	01	8	24	1	1	7											13	11	127
	170	KASSALA																	•	154	241
CENTRAL SÛDÂN	171	WAD MEDANI	02	9	18	3	1	10	4			25							•	276	307
	182	RENK																	•		395
	172	ROSEIRES																	7	50.6	596
	174	EL OBEID																	23	401	262
	175	EL FÂSHER																	35	126	244
	179	GENEINA	02	8	16	1	1	9	6,4			22			21		89	20			436
S. SÛDÂN	176	MALAKÂL	28	3	02	1	7		6,4	13		23					94	22	13	621	649
	177	WÂU	02	8											22				•	745	890
	178	JUBA	02	7						14		22			19		95	22	•	713	825

HUMIDITY

Mean % of day

STATION	on 23rd	Diff. from normal
Alexandria	70	- 2
Ezbekîya	64	+ 2
Giza	63	- 1
Helwân	63	+ 11

GIZA

GRASS MINIMUM TEMP.
ON 4 7h 14.4°C

Remarks

UPPER AIR OBSERVATIONS on 23rd

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT

ON 23rd At 18 45

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C
SURFACE	998	29	22
500	970	30	22
1000	950	28	20
1500	937	27	19
2000	920	26	19
4000	856	20	16
6000	790	16	09
8000	731	16	04
10000	674	13	03
12000	620	10	•
14000	580	05	-3
16000	537	2	-2
18000	494	-3	-4
20000	450	-7	-7

FAROUK AIRPORT — RAWINSONDE

ON 24 At 3

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE	260	32	85	200	6
1000					
950					
900	3240	17	35	310	23
850	4330	15	55	310	24
800	6510	12	35	300	20
700	10180	9	-	300	16
600	14340	5	-	300	10
500	19140	-4	-	290	15
400					
300	31770	-27	-	270	40
250					
200	40920	-46	-	260	82
150					
100					

STATION	FOUAD A.P.		P. SAID		MINYA	
TIME	15		14 30		15 15	
HEIGHT m.	DD	VV	DD	VV	DD	VV
200	310	10	310	20	10	20
500	310	13	290	20	360	16
1000	320	13	290	27	350	18
1500	320	16			320	15
2000	330	17			300	16
3000						
4000						
5000						
6000						
7000						
8000						

STATION												
TIME												
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200												
500												
1000												
1500												
2000												
3000												
4000												
5000												
6000												
7000												
8000												

UPPER AIR OBSERVATIONS on 24th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			4		3		3 30		3				6 30		3				5 30		6 30		4 45	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			300	16	340	16	280	14	270	6			290	4	20	15			340	12	290	4	10	8
500			310	16	360	14	290	11	310	13			300	11	10	16			340	18	300	11	50	7
1000			340	21	320	13	290	16	310	18			300	13	310	13			320	11	ENT.		60	6
1500			220	20	260	10	290	18	210	21			ENT.		320	14							330	16
2000			220	19	20	10			300	16					320	12							320	21
3000									300	13													290	18
4000																								
5000									210	11														
6000																								
7000																								
8000									260	52														

STATION	BAHARÍYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME			5		6		8												8				8	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			340	4	20	7	340	15																
500			20	6	20	10	340	11															80	3
1000			350	16	20	11	310	3															100	2
1500			310	7	10	11													170	10			130	5
2000			310	9	010	16													130	12			210	2
3000																			190	15				
4000																			110	13				
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

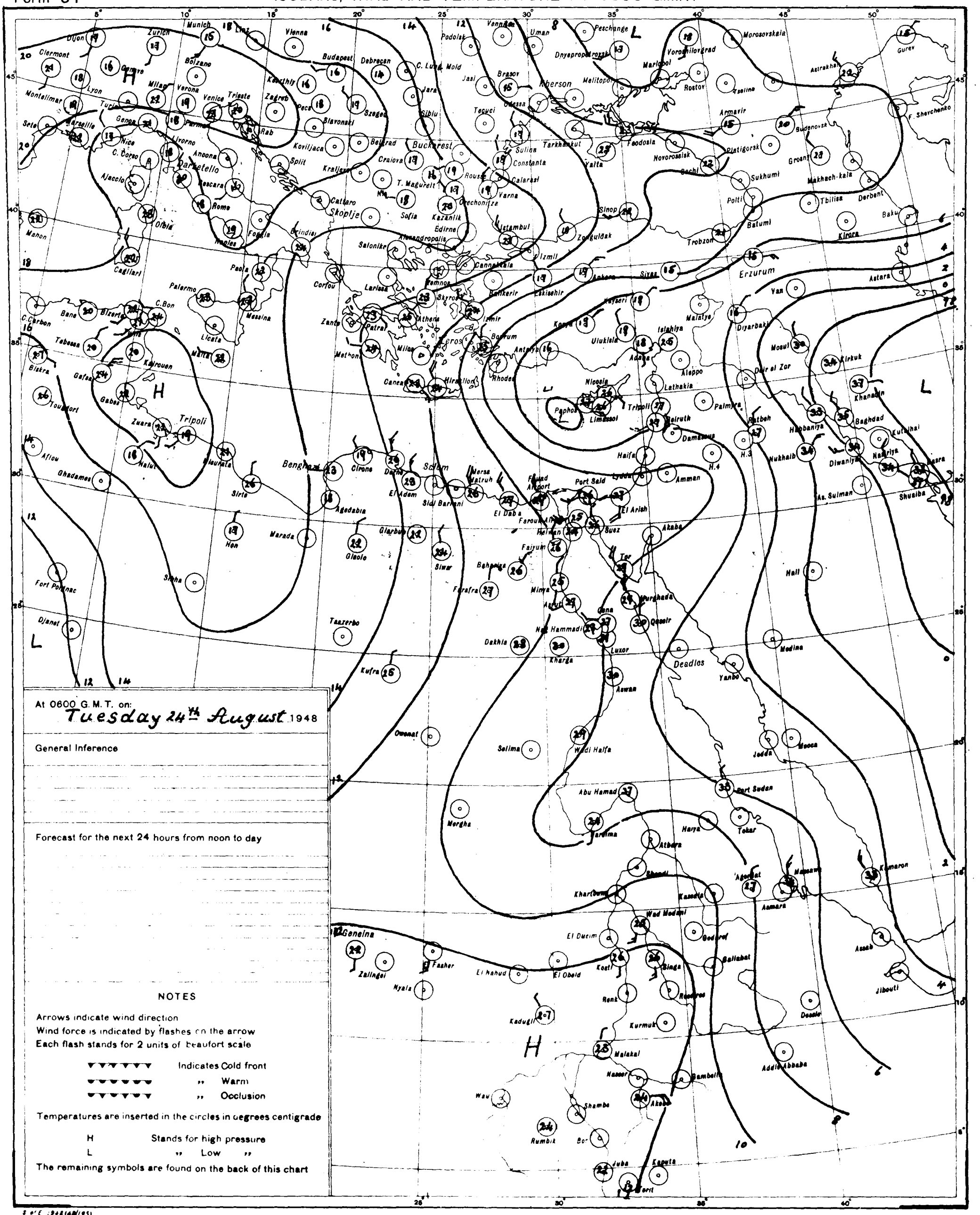
	KPH	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: Tuesday 24th August 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

SCALE 1:15,000,000

EGYPTIAN WEATHER BUREAU MAR 8 19

CAIRO
Time of Sunrise 03 28 G.M.T.
" " Sunset 16 26 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

DAILY WEATHER REPORT

Date : WEDNESDAY 25th AUGUST , 1948.

Form 91

At 1200 on TUESDAY 24th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C. TT	HUMIDITY % UU	DEW POINT °C.	RAIN 6-12 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI												
	160	MATRÛH												
	134	EL DABA	18	7	28	4	3	0	—	9.6	28.0	70	22.	0
	132	ALEXANDRIA	01	9	28	4	2	7	8	9.6	28.0	54	18	0
	150	FOUAD (Airport)	01	7	27	4	0	3	8	9.2	28	55	18	0
	159	DAMIETTA	14	8	28	5	1	3	8	8.0	27.0	68	20	0
	161	PORT SA'ÎD	01	7	28	4	0	3	6	8	29	66	22	0
	135	EL 'ARISH	00	9	26	4	0	1	8	7.8	28.9	79	25	0
LOWER EGYPT	136	DAMANHUR	01	7	28	4	1	3	8	9.0	28.4	65	21	0
	137	MANŞURA	01	8	28	2	1	5	8	8.7	30.0	41	15	0
	138	TANTA	01	8	24	2	1	3	8	9.2	30.6	45	17	0
	139	ZAGAZIG	01	6	24	2	1	5	8	9.1	30.6	60	22	0
		SHIBÎN EL KÔM	00	8	26	4	c	Cr.	8	9.0	32.0	39	16	0
		ISMAÎLÍA	01	7	24	3	1	3	4	7.6	32.4	37	15	0
CAIRO AREA	928	FAROUK(Airport)	00	8	24	4	1	2	8	9	32	34	14	0
	141	ALMÂZA	00	7	28	3	0	4	8	8	32	38	16	0
		EZBEKÎYA												
		GÎZA	00	8	30	2	0	0	—	8.3	33.0	29	13	0
	143	HELWÂN	00	8	28	5	0	2	8	8.0	31.6	29	12	0
UPPER EGYPT	153	FAIYÛM	00	8	32	3	0	1	8	5.3	32.8	31	15	0
		BENI SUEF	00	9	02	2	0	0	—	9.1	33.8	33	15	0
	162	MINYA	00	8	01	4	0	0	—	8	34	27	12	0
	155	AŞYÛT	00	8	20	2	0	0	—	8.4	34.0	25	11	0
	164	NAG' HAMMÂDI	00	8	24	2	0	0	—	6.6	35.3	27	13	0
	156	QENA	00	9	26	3	0	0	—	5.6	38.4	21	12	0
	157	LUXOR	00	8	27	3	0	0	—	6	38	13	5	0
	158	ASWÂN	00	9	20	1	0	0	—	5.9	37.8	24	13	0
OASES	148	SIWA	00	8	00	0	0	0	—	10.6	35.4	19	8	0
	149	BAHARÎYA	00	8	28	1	0	0	—	9.0	34.0	29	13	0
		FARAFRA												
	152	DAKHLA	00	9	32	2	0	0	—	8.7	35.7			0
	151	KHARGA	00	9	02	1	0	0	—	7.2	36.8	27	14	0
RED SEA	144	SUEZ	00	8	32	2	0	0	—		34.6	21	10	0
	145	TÛR	00	8	28	3	0	0	—	7.0	32.2	25	10	0
	163	HURGHÂDA	00	9	32	4	0	0	—	7	30	49	18	0
	147	QUSEIR	00	8	32	3	0	0	—	6.6	32.2	55	22	0
	208	PORT SÛDÂN												
NORTH SÛDÂN	165	WADI HALFA	00	8	30	5	0	0	—	6			16	
	166	KAREIMA												
	167	'ATBARA												
	209	KHARTÛM												
	170	KASSALA	01	8	00	0	1	6		6	33	53	22	
CENTRAL SÛDÂN	171	WAD MEDANI												
	182	RENK	00	9	20	2	0	0	—	8	32	56	22	
	172	ROSEIRES	01	8						7			22	
	174	EL OBEID	01	8						7	31	59	22	
	175	EL FÂSHER	01	8	20	2	1	7	6,4		32	46	19	
	179	GENEINA												
S. SÛDÂN	176	MALAKÂL	01	8	20	1	1	3	8,4	9	32			
	177	WÂU	01	8	00	0			8,4	8	32			
	178	JUBA												

At 1800 on TUESDAY 24th

PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C TT	HUMIDITY % UU	DEW POINT °C.	RAIN 12-18 G.M.T. mms
01	5	30	6	2	5	4	9.4	25.2	65	18	0
01	7	28	3	1	5	6	9.3	25	70	19	0
01	6	08	4	1	5	8	8.4	25.0	76	20	0
00	7	26	4	0	2	6	8	26	70	20	0
01	9	26	4	1	5	8	8.3	26.4	83	23	0
01	7	28	3	1	5	8	8.4	24.3	81	20	0
00	6	28	2	1	0	—	9.2	25.0	67	18	0
00	8	00	0	1	2	8	9.1	23.6	73	19	0
00	6	32	2	0	0	—	9.6	25.7	79	22	0
00	7	28	2	0	0	—	9.6	25.9	67	19	0
00	7	28	2	0	0	—	8.8	26.3	50	16	0
00	7	30	2	0	0	—	9	26	55	16	0
00	7	30	3	0	0	—	9.1	26.8	59	17	0
00	7	00	0	0	0	—	9.9	25.8	60	17	0
00	7	00	0	0	0	—	9.6	26.3	55	16	0
00	7	30	3	0	0	—	9.1	29.9	50	18	0
00	8	32	2	0	0	—	7.9	29.2	44	15	0
00	9	04	1	0	0	—	9.2	27.2	51	16	0
00	7	00	0	0	0	—	8	26	55	16	0
00	6	26	1	0	0	—	7.7	29.1	45	16	0
00	8	00	0	0	0	—	7.0	28.0	44	15	0
00	6	24	2	0	0	—	6.6	32.6	28	12	0
00	7	27	4	0	0	—	6	33	19	6	0
00	9	32	1	0	0	—	7.0	32.5	27	11	0
00	6		3	0	0	—	11.5	31.2	32	12	0
00	7	32	1	0	0	—	9.4	30.0	30	10	0
00	8	00	0	0	0	—	9.5	31.9	25	10	0
00	7	00	0	0	0	—	7.5	30.8	33	13	0
00		32	1	0	0	—	7.9	27.8	45	15	0
00	8	28	3	0	0	—	7.0	31.0	33	13	0
00	9	29	4	0	0	—	6	30	46	17	0
00	7	30	2	0	0	—	6.6	29.3	62	21	0

At 0600 on WEDNESDAY 25th

PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESSURE M.S.L. mbs. PPP	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb TT	TEMPERATURE °C. MAXIMUM Yesterday TxTx	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today TnTn	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY % UU	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
00	8	30	5	0	4.	8	12		26			23		70	20	0		
01	8	26	3	1	5	8	9.4		26.8			22		72	22	0	117	
01	9	28	2	2	5	8	9.9	-1.3	26.0	29	-1	23	0	71	20	0	209	186
01	7	29	1	1	5	6	9.1		26	29		23		74	22	0	213	138
01	6	20	2	1	3	8	9.1	-1.0	25.3	28		19		81	21	0	85	106
00	7	23	2	0	4.	6	9		25	31		24		84	22	0	56	
01	9	18	3	1	5	8	9.1	-1.0	26.2	30	0	21	0	79	22	0		94
00	6	24	3	0	0	—	9.4	-1.3	25.6	29	-4	19	-1	79	22	0	105	101
00	8	24	2	0	0	—	9.1	-1.4	25.4	31	-3	20	0	73	20	0	73	55
00	8	20	1	0	0	—	10.2	-0.8	23.8	30	-4	17	-2	77	20	0	26	44
00	6	32	2	0	0	—	9.1	-2.1	26.8	36	+1	19	-1	74	22	0	36	27
00	7	28	2	1	1	8	10.0	-1.0	24.2	33		20		72	19	0	34	
00	7	24	1	0	0	—	9.0		25.2			22		68	19	0	21	
01	7	26	2	2	8	6	10		24	33		22		69	18	0		
02	7	27	1	2	7	6	9.6		23.1	32		22		79	19	0	25	
02	7	00	0	2	9	6	9.9	-0.9	24.4	32	-2	22	+1	72	19	0	32	26
02	7	00	0	2	9	6	9.6	-1.2	23.8	33	-1	19	0	71	18	0	31	27
05	5	30	1	0	3	8	9.8	-0.8	23.1	32	-2	21	0	74	18	0	19	29
01	8	30	2	1	5	8	10.0	-0.7	25.0	34	-2	20	-1	68	19	0	11	8
02	9	02	1	0	8	6	10.3		25.1	34		18		66	18	0	11	
00	7	32	2	0	0	—	10		24	34		20		69	18	0	12	
00	7	22	1	0	0	—	10.3	+0.7	25.1	35	-1	20	-2	54	15	0	dr.	4
00	8	00	0	0	0	—	8.7	+0.1	28.3	36		19		50	16	0	0	
00	8	24	2	0	0	—	8.4	+0.3	29.0	40	0	23	-1	49	17	0	5	
00	8	00	0	0	0	—	8		30	38		22		33	13	0	dr.	
00	9	00	0	0	0	—	8.7	+0.8	31.4	39	-2	25	-1	38	15	0	dr.	
00	8	00	0	0	0	—	13.2	+0.5	23.8	35	-2	19	-1	69	18	0	23	8
00	8	32	1	0	0	—	11.2	-0.3	24.0	35	-1	19	-1	67	18	0	18	7
00	8	00	0	0	0	—	10.4	0.0	28.9	36	-2	22	-1	29	9	0	dr.	
00	9	02	1	0	0	—	9.2	-0.1	28.1	37	-2	22	0	41	13	0	0	
01	6	00	0	1	5	8	9.0	-0.8	25.2	35	-1	22	-1	65	18	0		17
00	8	28	3	0	0	—	7.8	+0.6	26.2	38	+4	22	-2	63	18	0	0	13
00	9	30	5	0	0	—	8		27	31		25		66	20	0	1	3
00	7	32	3	0	0	—	7.2	-0.1	30.3	33	-1	26	-1	58	20	0	0	4
																0	292	105
																0	4.	
																0	4.	22
																0	2	57
																0	66	130
																0	154	245
																2	278	310
																		399
																0	506	603
																0	401	266
																0	126	249
																0	621	655
																0	745	897
																0	713	829

HUMIDITY

Mean of day

STATION	on 24th	Diff. from normal
Alexandria	60	- 12
Ezbekîya	60	- 2
Giza	58	- 6
Helwân	60	+ 8

GIZA
GRASS MINIMUM TEMP
ON 25th 16.1 °C

Remarks

UPPER AIR OBSERVATIONS on 24th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT ON 24th AT 18

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C
SURFACE	999	29	24
500	982	29	19
1000	964	27	18
1500	947	26	11
2000	930	24	17
4000	864	19	13
6000	801	19	7
8000	743	15	6
10000	688	14	6
12000	636	12	2
14000	588	9	- 1
16000			
18000			
20000			

FAROUK AIRPORT RAWINSONDE ON 25th AT 3

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		22	76	280	8
1000	260	22	75	280	8
950					
900	3220	17	55	350	13
850	4830	17	35	350	14
800	6530	17		340	16
700	10210	12		340	21
600	14370	4		340	17
500	19160	- 4		360	13
400		-18			
300	31650	-31		280	20
250					
200	40720	-51		290	37
150					
100					

STATION				Fouad A.A.		P. Said		Minya	
TIME				15	15	14	30	15	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200					310	26	310	40	360	20						
500					320	21	290	35	350	19						
1000					300	19	140	11	340	19						
1500							300	19	330	28						
2000									320	31						
3000									300	7						
4000																
5000																
6000																
7000																
8000																

STATION																	
TIME																	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200																	
500																	
1000																	
1500																	
2000																	
3000																	
4000																	
5000																	
6000																	
7000																	
8000																	

UPPER AIR OBSERVATIONS on 25th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION		SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÎD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME				4		3		4		3				8 30		3 15				5 45				5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			330	11	320	10	280	8	290	9			330	8	10	23			300	7	350	8	360	15
500			340	16	320	11	340	9	340	10			350	5	360	29			300	10	340	14	20	23
1000			10	20	330	14	330	6	340	11			350	9	10	25			290	16	340	16	20	20
1500			10	24	310	15	40	9	350	13			360	15	310	30			300	24	320	16	50	9
2000			10	16			20	12	340	16			20	22	300	36			310	58	350	19	10	14
3000									340	18					320	20					30	12		
4000									340	16														
5000																								
6000									340	16														
7000																								
8000																								

STATION		BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME				5		5		8																	
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			60	3	10	13	340	16																
500			50	9	10	14	170	7																
1000			360	13	360	14	160	3																
1500			300	16	350	15	350	5																
2000			300	24	350	13	180	2																
3000			330	15																				
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

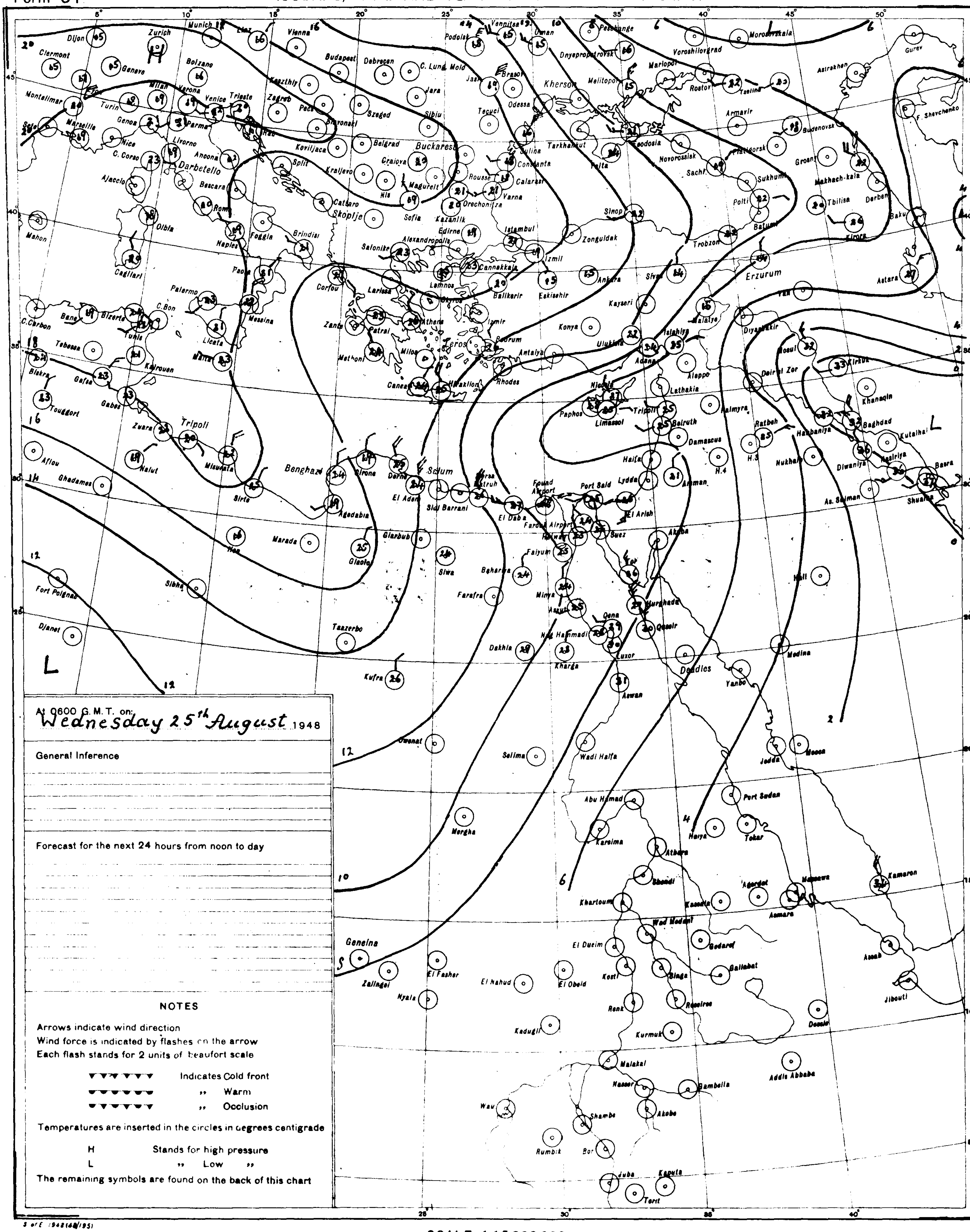
	K P H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g.
08 = East, 16 = South,
24 = West, 32 = North
00 is Calm

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



SCALE 1.15,000,000

MAR 8 1949 WEATHER BUREAU

CAIRO
Time of Sunrise ..03..28.. G.M.T.
" " Sunset ..16..25.. G.M.T.

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

Form 91

DAILY WEATHER REPORT

Date : THURSDAY 26th AUGUST , 1948.

At 1200 on WEDNESDAY 25th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI												
	160	MATRÛH												
	134	EL DABA												
	132	ALEXANDRIA	01	9	28	2	2	5	4	10.2	27.6	73	22	0
	150	FOUAD (Airport)	01	7	30	2	0	5	8	9.9	28	70	23	0
	159	DAMIETTA	00	7	28	2	1	0	—	9.0	28.8	72	24	0
	161	PORT SAÏD	00	7	31	2	0	Cr.	6	9	29	62	21	0
	135	EL 'ARISH	00	9	30	4	0	0	—	8.7	28.4	58	19	0
LOWER EGYPT	136	DAMANHUR	00	7	32	3	0	2	8	9.1	29.8	55	20	0
	137	MANŞURA	01	8	04	1	1	5	8	9.2	32.2	49	20	0
	138	ṬANṬA	00	8	24	1	0	0	—	9.4	33.0	41	20	0
	139	ZAGAZIG	00	6	24	2	0	0	—	9.5	31.6	61	23	0
		SHIBÎN EL KÔM	01	8	30	3	1	5	8	9.4	32.2	49	20	0
		ISMAÎLÎA	01	8	30	1	1	3	8	7.8	33.5	35	17	0
CAIRO AREA	928	FAROUK(Airport)	00	8	28	4	0	0	—	8	32	34	14	0
	141	ALMÂZA	00	8	28	1	0	0	—	8.2	30.5	54	21	0
		EZBEKÎYA	00	8	30	1	0	0	—	8.7	30.6	50	20	0
		GÎZA	00	8	30	1	0	0	—	8.3	30.7	41	16	0
	143	ḤELWÂN	00	7	26	4	0	0	—	8.0	30.0	44	16	0
UPPER EGYPT	153	FAIYÛM	00	8	30	2	0	0	—	8.3	31.2	41	16	0
		BENI SUEF	00	9	02	2	0	0	—	8.4	33.8	38	18	0
	162	MINYA	00	8	01	3	0	0	—	9	32	38	16	0
	155	ASYÛT	00	8	20	1	0	0	—	8.3	32.2	28	12	0
	164	NAG' ḤAMMÂDI	00	8	28	1	0	0	—	7.0	34.0	30	14	0
	156	QENA	00	9	22	3	0	0	—	5.4	36.6	23	13	0
	157	LUXOR	00	8	28	2	0	0	—	6	35	23	10	0
	158	ASWÂN	00	9	30	2	0	0	—	6.2	36.0	27	14	0
OASES	148	SIWA	00	8	00	0	0	0	—	11.8	35.6	45	22	0
	149	BAḤARÎYA	00	8	28	2	0	0	—	9.4	38.0	36	20	0
		FARAFRA												
	152	DAKHLA	00	9	28	4	0	0	—	8.9	33.4	34	10	0
	151	KHARGA	00	9	02	4	0	0	—	7.5	34.9	29	14	0
RED SEA	144	SUEZ	00	8	02	3	0	0	—	7.2	30.8	42	17	0
	145	TÛR	00	8	28	4	0	0	—	5.6	29.4	57	20	0
	163	HURGHÂDA	00	9	01	4	0	0	—	6	28	66	21	0
	147	QUSEIR	00	8	02	3	0	0	—	6.4	30.4	78	26	0
	208	PORT SÛDÂN												
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÛDÂN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S. SÛDÂN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 1800 on WEDNESDAY 25th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI												
	160	MATRÛH												
	134	EL DABA												
	132	ALEXANDRIA	00	5	02	2	0	0	—	10.6	25.0	85	22	0
	150	FOUAD (Airport)	00	7	31	1	0	0	—	10.0	25	89	23	0
	159	DAMIETTA	00	6	28	2	1	0	—	9.6	25.5	92	25	0
	161	PORT SAÏD	00	7	32	3	0	Cr.	6	10	27	84	24	0
	135	EL 'ARISH	01	9	30	4	1	5	8	9.1	26.4	96	25	0
LOWER EGYPT	136	DAMANHUR	00	7	32	2	0	0	—	9.5	25.0	76	20	0
	137	MANŞURA	00	6	32	2	1	0	—	9.8	25.8	82	22	0
	138	ṬANṬA	00	8	00	0	0	0	—	10.8	26.0	76	21	0
	139	ZAGAZIG	00	6	32	2	0	0	—	10.2	26.8	71	21	0
		SHIBÎN EL KÔM	00	7	30	2	1	5	8	9.6	27.6	62	20	0
		ISMAÎLÎA	00	8	02	1	0	0	—	8.8	27.6	67	21	0
CAIRO AREA	928	FAROUK(Airport)	00	7	02	4	0	0	—	9	30	52	19	0
	141	ALMÂZA	00	7	02	3	0	0	—	9	30	59	21	0
		EZBEKÎYA	00	7	00	0	0	0	—	9.0	28.3	61	20	0
		GÎZA	00	7	00	0	0	0	—	9.1	28.2	60	20	0
	143	ḤELWÂN	00	7	30	3	0	0	—	8.6	29.2	57	18	0
UPPER EGYPT	153	FAIYÛM	00	8	02	2	0	0	—	7.8	28.8	51	18	0
		BENI SUEF	00	9	02	1	0	0	—	8.2	27.1	61	19	0
	162	MINYA	00	7	00	0	0	0	—	8	26	62	18	0
	155	ASYÛT	00	6	22	1	0	0	—	8.4	28.6	36	13	0
	164	NAG' ḤAMMÂDI	00	8	00	0	0	0	—	6.0	27.7	45	15	0
	156	QENA	00	6	22	3	0	0	—	5.4	30.2	46	17	0
	157	LUXOR	00	7	24	1	0	0	—	6	30	29	10	0
	158	ASWÂN	00	9	32	1	0	0	—	5.6	33.8	14	3	0
OASES	148	SIWA	00	6			3	0	0	11.4	31.5	59	23	0
	149	BAḤARÎYA	00	8	32	1	0	0	—	9.2	30.0	38	14	0
		FARAFRA	00	7	28	1	0	0	—	9.8	27.1	29	7	0
	152	DAKHLA	00	8	28	1	0	0	—	9.3	30.2	30	11	0
	151	KHARGA	00	9	02	1	0	0	—	7.8	30.8	33	30	0
RED SEA	144	SUEZ	00		32	3	0	0	—	8.0	28.3	60	20	0
	145	TÛR	00	8	28	3	0	0	—	6.4	30.0	74	25	0
	163	HURGHÂDA	00	8	26	1	0	0	—	6	27	66	20	0
	147	QUSEIR	00	8	30	2	0	0	—	6.0	29.3	54	19	0
	208	PORT SÛDÂN												
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÛDÂN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S. SÛDÂN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 0600 on THURSDAY 26th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. Maximum Yesterday	TEMPERATURE °C. Maximum Diff. from norm.	TEMPERATURE °C. Maximum Today	TEMPERATURE °C. Maximum Diff. from norm.	TEMPERATURE °C. Minimum Today	TEMPERATURE °C. Minimum Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
			ww	V	DD	F	W		C	PPP		TT	T_xT_x				T_nT_n		UU				
MEDITERRANEAN	146	SIDI BARÂNI																					
	160	MATRÛH	01	8	01	4	0	5	8	13		26					23		74	21	0		
	134	EL DABA																			117		
	132	ALEXANDRIA	01	9	02	2	1	5	8	11.2	-0.1	26.6	29	-1	24	+1			77	23	0	209	186
	150	FOUAD (Airport)	01	7	02	1	1	5	6	11.0		28	29		24				74	23	0	213	138
	159	DAMIETTA	01	7	18	1	1	3	8	10.4	+0.2	27.7	30		23				85	25	0	85	106
	161	PORT SAÏD	01	7	05	1	1	3	6	10		28	30		25				70	22	0	56	81
	135	EL 'ARISH	01	9	30	3	1	5	8	10.0	-0.2	28.7	29	-1	21	0			86	26	0		94
LOWER EGYPT	136	DAMANHUR	01	6	04	2	1	5	8	10.4	-0.4	26.7	32	+2	21	0			78	23	0	105	101
	137	MANŞURA	01	7	04	1	1	5	6	11.1	+0.5	24.0	34	0	20	0			84	21	0	73	55
	138	ṬANṬA	01	8	00	0	1	3	8	11.2	+0.1	25.0	33	-1	20	+1			80	21	0	26	44
	139	ZAGAZIG	00	6	32	2	0	0	—	11.5	+0.2	26.6	34	-1	20	+1			92	26	0	36	27
		SHIBÎN EL KÔM	01	7	30	2	1	5	8	11.2	+0.1	23.9	34		21				85	20	0	34	
		ISMAÎLÎA	02	6	14	1	2	8	6	10.8		26.4	36		23				79	22	0	21	
CAIRO AREA	928	FAROUK(Airport)	02	7	02	3	4	8	6	10		23	32		22				89	21	0		
	141	ALMÂZA	05	6	04	2	4	10	6	10		23	32		22				95	23	0	25	
		EZBEKÎYA	03	7	00	0	2	10	6	10.7	-0.2	24.5	32	-2	23	+1			87	22	0	32	26
		GÎZA	03	7	00	0	2	10	6	10.3	-0.6	24.5	32	-2	22	+3			87	23	0	31	27
	143	ḤELWÂN	00	6	02	4	0	1	6	9.9	-0.8	25.6	31	-3	23	+2			71	30	0	19	29
UPPER EGYPT	153	FAIYÛM	01	8	30	2	1	7	8	10.2	-0.6	26.5	34	-1	23	+2			73	22	0	11	8
		BENI SUEF	00	9	02	1	0	0	—	9.2		27.8	35		21				71	22	0	11	
	162	MINYA	00	7	01	4	1	1	6	9		25	33		22				74	20	0	12	
	155	ASYÛT	00	7	26	1	0	0	—	8.8	-0.9	26.3	33	-3	21	-1			60	18	0	dr.	4
	164	NAG' ḤAMMÂDI	00	8	00	0	0	0	—	7.2	-1.5	27.4	34		19				57	18	0	0	
	156	QENA	00	8	24	2	0	0	—	7.1	-1.1	26.4	38	-2	24	0			50	15	0	5	
	157	LUXOR	00	8	18	1	0	0	—	7		30	36		22				35	13	0	dr.	
	158	ASWÂN	00	9	00	0	0	0	—	7.4	-0.6	28.7	38	-3	24	-2			40	14	0	dr.	
OASES	148	SIWA	00	8	04	1	0	0	—	13.2	-0.4	23.0	37	0	20	0			71	18	0	23	8
	149	BAḤARÎYA	00	8	32	2	0	0	—	11.0	-0.6	24.8	33	-3	21	+1			77	21	0	18	7
		FARAFRA	00	7	32	1	0	0	—	10.7		25.5	34		20				68	20	0		
	152	DAKHLA	00	8	28	2	0	0	—	9.3	-1.2	27.0	35	-3	22	0				dr.			
	151	KHARGA	00	9	02	1	0	0	—	8.2	-1.2	27.8	39	0	21	-1			59	19	0	0	
RED SEA	144	SUEZ	00	8	32	2	0	0	—	9.6	-0.4	26.7	34	-2	23	0			68	20	0		17
	145	TÛR	00	8	00	0	0	0	—	7.2	-0.1	28.0	33	-1	22	-2			53	17	0	0	13
	163	HURGHÂDA	00	9	30	4	0	0	—	7		27	29		24				70	21	0	1	3
	147	QUSEIR	00	8	32	3	0	0	—	6.7	-0.6	30.3	32	-2	28	+1			59	21	0	0	4
	208	PORT SÛDÂN	00	8	00	0	0	Cr.	4						24						0	292	105
NORTH SÛDÂN	165	WADI HALFA																			0	Tr.	
	166	KAREIMA																			0	Tr.	23
	167	'ATBARA	00	8	00	0	0	2	1	7		30			25						0	2	59
	209	KHARTÛM	00	8	20	2	0	1	1	7		29			26				52	18	dr.	66	133
	170	KASSALA																			0	154	249
CENTRAL SÛDÂN	171	WAD MEDANI	00	9	18	3	0	2	3	9		27							70	21	0	278	314
	182	RENK																					404
	172	ROSEIRES	01	8	18	2	1	3	4	10		24							84	21	5	511	610
	174	EL OBEID	02	8	20	3	1	8	4	9		24			21				84	21	7	408	270
	175	EL FÂSHER	02	8	16	2	1	8	6			25			23				84	22	0	126	253
	179	GENEINA	01	8	20	1	1	7	4			22			21				94	21	0		452
S. SÛDÂN	176	MALAKÂL																			0	621	661
	177	WÂU	02	8	00	0	1	10	4			24			23				94	23	5	750	904
	178	JUBA																			0	713	833

HUMIDITY

Mean % of day

STATION	on 25th	Diff. from normal
Alexandria	76	+5
Ezbekîya	61	-1
Giza	61	-3
Helwân	59	+7

GIZA GRASS MINIMUM TEMP ON 26th 19.8 °C

Remarks

UPPER AIR OBSERVATIONS on 25th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT ON 25th At 17

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C
SURFACE	999	28	25
500	982	31	22
1000	964	29	21
1500	947	28	21
2000	930	27	19
4000	864	21	16
6000	801	18	9
8000	773	16	4
10000	668	16	2
12000	636	13	1
14000	588	10	-1
16000	542	4	-3
18000	499	0	-4
20000	460	-4	-7

FAROUK AIRPORT RAWINSONDE ON 26th At 5

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		20	100	360	8
1000	290	22	95	360	8
950					
900	3310	16	45	40	19
850	4890	14		40	20
800	6560	13		60	20
700	10220	10		50	17
600	14380	4		80	11
500	19150	-6		200	5
400		-17			
300	31650	-21		270	30
250					
200	40870	-44		270	42
150					
100					

STATION		Fouad Air		P. Said		Minya	
TIME		15	15	14	30	15	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			340	14			350	13			10	23
500			20	9			340	10			10	25
1000			20	10			360	10			360	22
1500			40	14			10	14			350	16
2000			40	9			30	14			340	25
3000			20	14			50	16			320	13
4000			60	14								
5000			80	4								
6000												
7000												
8000												

STATION												
TIME												
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200												
500												
1000												
1500												
2000												
3000												
4000												
5000												
6000												
7000												
8000												

UPPER AIR OBSERVATIONS on 26th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION		SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		ḤELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME				4	30			4		5						3	15			5		5		5	
HEIGHT m.		DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200				360	19			60	6	50	9					360	21			300	1	00	0	40	17
500				350	19			60	10	40	11					50	24			30	7	20	10	40	29
1000				360	20			East Sc.		40	17					40	20			90	15	10	5	60	42
1500				140	2					40	16					40	17			20	10	340	5	60	19
2000				40	21					60	17					30	24			70	3	350	3	30	14
3000										60	15					50	21			150	7	20	8	30	19
4000										100	10									60	6				
5000										70	9									70	4				
6000										170	4														
7000																									
8000																									

STATION		BAḤARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU ḤAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME				5		5														3	30	4	15		
HEIGHT m.		DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200				340	2	360	13																		
500				60	4	20	16																		
1000				40	22	20	17													270	10				
1500				360	16	30	18													220	3	160	9		
2000				360	16															230	10	130	15		
3000																						100	13		
4000																						80	2		
5000																									
6000																									
7000																									
8000																									

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

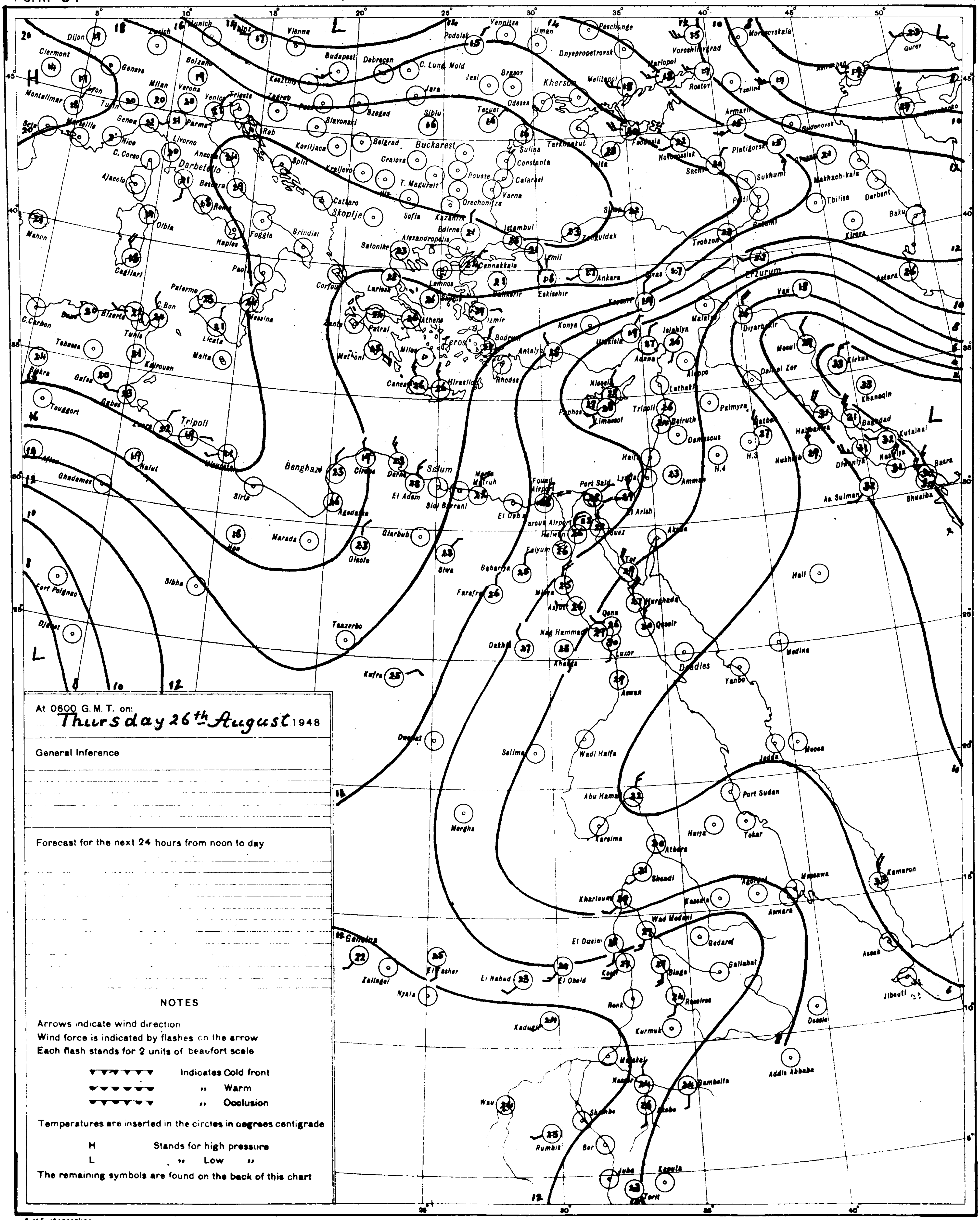
	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: Thursday 26th August 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼	Indicates Cold front
●●●●●●	,, Warm
▼●▼●▼●	,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H	Stands for high pressure
L	,, Low ,,

The remaining symbols are found on the back of this chart

S of E 1948(48)(95)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 29 G.M.T.
" " Sunset 16 24 G.M.T

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

DAILY WEATHER REPORT

Date : FRIDAY 27 th AUGUST , 1948.

Form 91

At 1200 on THURSDAY 26 th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C. TT	HUMIDITY % UU	DEW POINT °C.	RAIN 6-12 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI												
	160	MATRÛH												
	134	EL DABA												
	132	ALEXANDRIA	20	9	30	3	0	0	-	11.0	28.2	66	21	0
	150	FOUAD (Airport)	00	7	30	2	0	0	-	10.7	29	66	22	0
	159	DAMIETTA	20	8	30	3	1	0	-	9.9	29.0	61	21	0
	161	PORT SAÏD	00	8	01	3	0	0	-	10	29	66	22	0
	135	EL ARISH	20	9	30	4	0	0	-	9.2	28.8	64	22	0
LOWER EGYPT	136	DAMANHUR	00	7	04	3	1	0	-	10.0	32.0	50	20	0
	137	MANSURA	00	8	32	2	1	0	-	9.9	33.4	42	18	0
	138	TANTA	00	8	32	4	0	0	-	10.0	34.0	40	19	0
	139	ZAGAZIG	00	6	34	2	0	0	-	9.6	33.2	45	19	0
		SHIBÎN EL KÔM	00	8	30	3	1	1	8	10.4	34.2	42	19	0
		ISMAÏLÎA	00	8	02	1	0	0	-	8.4	34.0	33	15	0
CAIRO AREA	928	FAROUK(Airport)	00	7	04	4	0	0	-	9	33	32	14	0
	141	ALMÂZA	00	8	32	4	0	0	-	8.5	33.9	40	19	0
		EZBEKÎYA	00	8	32	1	0	0	-	9.0	32.5	37	15	0
		GÎZA	00	8	32	1	0	0	-	9.0	33.0	31	13	0
	143	HELWÂN	00	7	32	3	0	0	-	7.9	33.4	29	12	0
UPPER EGYPT	153	FAIYÛM	00	8	32	3	0	0	-	8.2	33.8	27	12	0
		BENI SUEF	00	9	02	3	0	0	-	7.8	35			
	162	MINYA	00	8	32	4	0	0	-	8	34	34	16	0
	155	ASYÛT	00	8	26	1	0	0	-	6.4	35.1	28	14	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	5.6	36.3	32	11	0
	156	QENA	00	9	24	2	0	0	-	5.0	39.0	24	16	0
	157	LUXOR	00	8	28	2	0	0	-	5	38	16	08	0
	158	ASWÂN	00	9	00	0	0	0	-	4.3	38.5	18	10	0
OASES	148	SIWA	00	8	28	2	0	0	-	11.8	34.5	27	12	0
	149	BAHARÎYA	00	8	02	1	0	0	-	9.0	35.0	28	14	0
		FARAFRA												
	152	DAKHLA	00	9	32	3	0	0	-	8.1	33.7	27	12	0
	151	KHARGA	00	9	02	1	0	0	-	6.7	35.9	30	15	0
RED SEA	144	SUEZ	00	8	00	0	0	0	-	8.0	34.2	30	14	0
	145	TÛR	00	8	28	4	0	0	-	7.0	31.0	53	20	0
	163	HURGHÂDA	00	9	02	2	0	0	-	7	30	70	24	0
	147	QUSEIR	00	7	02	3	0	0	-	6.3	32.2	61	23	0
	208	PORT SÛDÂN	00	8	06	4	0	0	-	4	34	44	20	0
NORTH SÛDÂN	165	WADI HALFA	00	8	30	3	0	0	-	5				0
	166	KAREIMA												
	167	ATBARA	00	8	28	3	0	6						0
	209	KHARTÛM	00	8	20	2	0	1	8	5	37	24	13	0
	170	KASSALA	01	8	22	1	1	7	8	5	34	44	20	0
CENTRAL SÛDÂN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID	01	8	00	0	1	7	8,4	6	32	49	20	0
	175	EL FÂSHER												
	179	GENEINA												
S. SÛDÂN	176	MALAKÂL	01	8	00	0	1	7	8,4	8	31	66	24	0
	177	WÂU												
	178	JUBA	01	8	32	1	1	5	8,4	6	33	53	22	0

At 1800 on 26 th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C. TT	HUMIDITY % UU	DEW POINT °C.	RAIN 12-18 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI												
	160	MATRÛH												
	134	EL DABA												
	132	ALEXANDRIA	00	5	32	1	0	0	-	10.7	25.6	76	21	0
	150	FOUAD (Airport)	00	7	00	0	0	0	-	11	25	79	21	0
	159	DAMIETTA	00	7	32	2	0	0	-	10.2	25.2	90	23	0
	161	PORT SAÏD	00	7	01	3	0	6	8	10	27	84	24	0
	135	EL ARISH	00	9	32	3	0	0	-	9.4	26.3	79	22	0
LOWER EGYPT	136	DAMANHUR	00	7	32	2	0	0	-	10.8	25.0	80	21	0
	137	MANSURA	00	6	32	2	0	0	-	10.4	25.5	74	21	0
	138	TANTA	00	8	00	0	0	0	-	10.5	24.8	67	18	0
	139	ZAGAZIG	00	7	32	2	0	0	-	10.2	26.0	67	19	0
		SHIBÎN EL KÔM	00	7	30	2	0	0	-	10.4	27.7	66	21	0
		ISMAÏLÎA	00	8	02	1	0	0	-	9.1	27.0	72	21	0
CAIRO AREA	928	FAROUK(Airport)	00	7	02	4	0	0	-	9	28	58	19	0
	141	ALMÂZA	00	7	02	3	0	0	-	9.3	28.2	67	22	0
		EZBEKÎYA	00	7	02	2	0	0	-	9.8	26.7	67	20	0
		GÎZA	00	7	02	2	0	0	-	9.4	27.7	59	19	0
	143	HELWÂN	00	7	32	3	0	0	-	8.1	28.8	47	16	0
UPPER EGYPT	153	FAIYÛM	00	8	32	3	0	0	-	7.9	29.4	42	15	0
		BENI SUEF	00	9	02	3	0	0	-	8.0	29.2	50	17	0
	162	MINYA	00	7	32	2	0	0	-	7	27	52	16	0
	155	ASYÛT	00	6	26	1	0	0	-	7.2	29.6	36	13	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	5.5	27.0	26	06	0
	156	QENA	00	6	24	2	0	0	-	5.2	31.4	39	15	0
	157	LUXOR	00	7	00	0	0	0	-	5	32	26	10	0
	158	ASWÂN	00	9	00	0	0	0	-	5.0	35.6	18	08	0
OASES	148	SIWA												
	149	BAHARÎYA	00	7	32	1	0	0	-	9.2	30.5	39	15	0
		FARAFRA												
	152	DAKHLA												
	151	KHARGA	00	7	00	0	0	0	-	6.6	31.9	32	13	0
RED SEA	144	SUEZ	00	6	32	2	0	0	-	8.3	28.2	46	19	0
	145	TÛR	00	8	28	1	0	0	-	6.4	29.0	64	22	0
	163	HURGHÂDA	00	9	29	3	0	0	-	6	29	66	22	0
	147	QUSEIR	00	8	30	2	0	0	-	5.5	29.7	62	22	0
	208	PORT SÛDÂN												
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA												
	167	ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÛDÂN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S. SÛDÂN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 0600 on FRIDAY 27 th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR. PRESSURE M.S.L. mbs. PPP	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb TT	MAXIMUM Yesterday TxTx	MAXIMUM Diff. from norm.	MINIMUM Today TnTn	MINIMUM Diff. from norm.	HUMIDITY % UU	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
MEDITERRANEAN	146	SIDI BARÂNI																	0	171	
	160	MATRÛH	00	7	31	4	0	6	6	12		24			22		70	20	3		
	134	EL DABA																	0	117	
	132	ALEXANDRIA	00	9	02	2	0	0	-	10.3	-1.1	26.0	29	-1	23	0	78	22	0	209	186
	150	FOUAD (Airport)	00	7	30	1	0	0	-	10.6		26			18		84	23	0	213	138
	159	DAMIETTA	00	8	04	2	1	1	8	10.2	-0.1	27.2	30		22		81	23	0	85	106
	161	PORT SAÏD	00	7	06	2	0	2	8	10		27	31		25		79	23	0	56	81
	135	EL ARISH	00	9	30	2	0	0	-	9.4	-0.9	27.6	30	0	20	0	72	22	0		94
LOWER EGYPT	136	DAMANHUR	00	7	32	3	0	0	-	10.8	-0.1	25.8	33	0	20	0	78	22	0	105	101
	137	MANSURA	01	7	12	1	1	5	6	10.3	-0.4	25.2	34	0	19	-1	84	22	0	73	85
	138	TANTA	01	8	04	1	0	7	8	10.8	-0.4	25.0	34	0	16	-3	84	23	0	26	44
	139	ZAGAZIG	01	6	32	2	0	5	8	9.9	-1.5	27.1	35	0	21	+2	69	21	0	36	27
		SHIBÎN EL KÔM	00	7	02	2	0	0	-	10.7	-0.5	24.2	35		19		80	20	0	34	
		ISMAÏLÎA	00	7	02	1	0	0	-	9.8		27.8	35		22		70	22	0	21	
CAIRO AREA	928	FAROUK(Airport)	05	6	04	3	2	4	6	11		24	34		21		84	21	0		
	141	ALMÂZA	05	5	04	2	4	7	6	9.8	-1.2	22.6	34		20		96	22	0	25	
		EZBEKÎYA	48	3	02	1	4	Fog	-	10.3	-1.0	23.1	34	0	21	0	91	21	0	32	26
		GÎZA	48	3	02	1	4	Fog	-	9.9	-1.1	23.0	34	0	19	0	91	21	0	31	27
	143	HELWÂN	00	7	04	3	0	0	-	9.2	-1.6	25.4	34	0	22	+1	71	19	0	19	29
UPPER EGYPT	153	FAIYÛM	00	8	32	2	0	1	8	9.4	-1.5	26.0	35	0	21	0	75	21	0	11	8
		BENI SUEF	00	7	02	2	0	0	-	8.4		27.2	36		20		62	19	0	11	
	162	MINYA	00	7	01	4	0	2	6	8		24	35		21		84	21	0	12	
	155	ASYÛT	00	8	00	0	0	0	-	7.1	-1.7	27.6	37		19		58	19	0	4	4
	164	NAG' HAMMÂDI	00	8	30	1	0	0	-	7.6	-1.3	29.1	40	0	24	0	46	14	0	5	
	156	QENA	00	8	18	1	0	0	-	7		31	40		24		41	16	0	dd	
	157	LUXOR	00	9	00	0	0	0	-	7.2	-0.8	28.6	39	-2	25	-1	42	15	0	dd	
	158	ASWÂN																	0	23	8
OASES	148	SIWA																	0	18	7
	149	BAHARÎYA																	0	-	
		FARAFRA																	0	dd	
	152	DAKHLA																	0	e	
	151	KHARGA	00	9	00	0	0	0	-	7.6	-1.9	28.3	37	-2	23	+1	56	18			
RED SEA	144	SUEZ	00	7	32	2	0	0	-	8.2	-1.9	26.2	35	0	23	0	67	19	0	-	17
	145	TÛR	00	8	28	2	0	0	-	6.6	-0.8	28.0	33	-1	25	+1	71	22	0	0	13
	163	HURGHÂDA	00	7	30	4	0	0	-	6		28	30		23		58	19	0	1	3
	147	QUSEIR																	0	0	4
	208	PORT SÛDÂN																	0	292	195
NORTH SÛDÂN	165	WADI HALFA																	0	6	
	166	KAREIMA	01	8	20														0	tr	23
	167	ATBARA	01	8	16	1	1	3	4,2	7		31			27		55	21	0	2	6
	209	KHARTÛM	01	8	20	3	1	5											0	66	136
	170	KASSALA	01	8	16	3	1	5	1	10		27			23		66	20	0	154	252
CENTRAL SÛDÂN	171	WAD MEDANI																	0	278	317
	182	RENK																			408
	172	ROSEIRES	02	6	08	2	2	10	6,5	12		32					94	21	0	511	617
	174	EL OBEID	01	8	20	4	1	5	4	11		26			23		79	22	0	408	274
	175	EL FÂSHER	02	8	24	1	1	9	4			24			22		84	21	0	126	253
	179	GENEINA																	0		46
S. SÛDÂN	176	MALAKÂL																	0	621	667
	177	WÂU																	0	750	910
	178	JUBA	01	8	16	2	1	5	4	12		24			24		84	21	0	713	837

HUMIDITY % Mean of day

STATION	on 26 th	Diff. from normal
Alexandria	75	+4
Ezbekîya	72	+10
Giza	68	+4
Helwân	56	+4

GIZA GRASS MINIMUM TEMP

ON 27 th 16.6 °C

Remarks

UPPER AIR OBSERVATIONS on 26 th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT ON 26 th AT

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C
SURFACE	999	30	22
500	981	28	22
1000	963	27	21
1500	946	26	21
2000	929	25	19
4000	863	22	17
6000	800	21	7
8000	742	19	6
10000	687	16	3
12000	636	13	1
14000	587	8	-2
16000	542	3	-2
18000	498	-1	-4
20000	456	-5	-8

FAROUK AIRPORT RAWINSONDE ON ... AT ...

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					
250					
200					
150					
100					

STATION	P. SAÏD				MINYA									
TIME	14	15			15									
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	360	10			350	16								
500	110	11			350	16								
1000	30	9			350	16								
1500	30	9			30	6								
2000	40	5			60	4								
3000	40	4			40	9								
4000	130	3												
5000	120	2												
6000														
7000														
8000														

STATION														
TIME														
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200														
500														
1000														
1500														
2000														
3000														
4000														
5000														
6000														
7000														
8000														

UPPER AIR OBSERVATIONS on 27 th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI	MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME		4	30			4								3				6	30				
HEIGHT m.	DD	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200		350	10			40	9							360	23			350	4				
500		340	14			30	12							10	30			50	5				
1000		360	12			40	12							340	14			350	1				
1500		10	8			80	14							360	3			190	4				
2000		260	9											340	13								
3000																							
4000																							
5000																							
6000																							
7000																							
8000																							

STATION	BAHARÎYA	DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME				5		8		3	30					4	15					4	30		
HEIGHT m	DD	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200				10	10	330	18																
500				20	11	300	8																
1000				20	12	330	7	300	8					220	22					290	4		
1500				20	14	50	8	290	3					300	7					140	10		
2000						40	5							30	10					110	18		
3000						160	16	150	4														
4000						40	5	220	16														
5000																							
6000																							
7000																							
8000																							

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

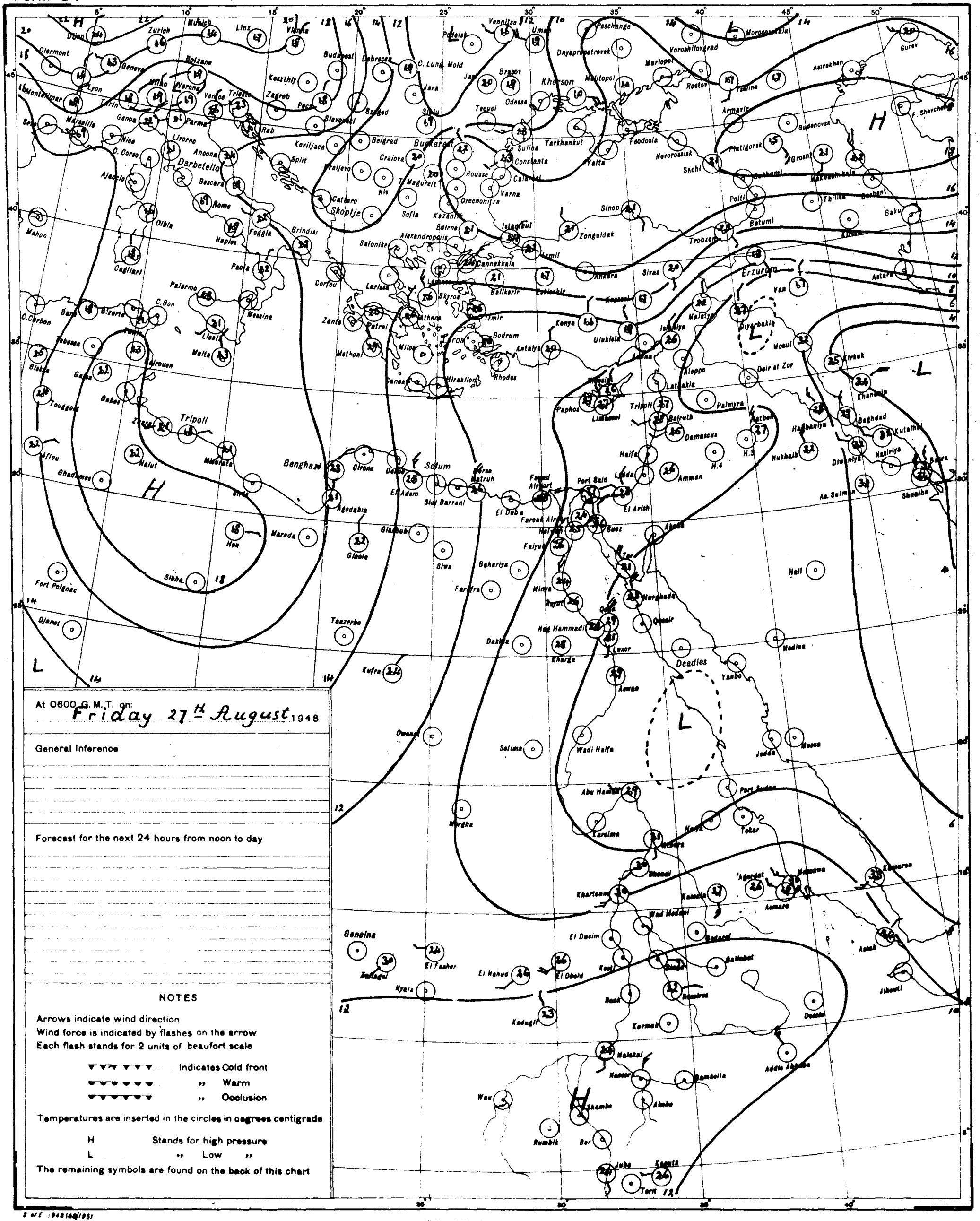
	K.P.H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
Friday 27th August 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

SCALE 1:15,000,000

MAR 8 1949 WEATHER BUREAU

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

Form 91

DAILY WEATHER REPORT

CAIRO
Time of Sunrise 03 29 G.M.T.
" " Sunset 16 23 G.M.T.

Date: SATURDAY 28 th AUGUST, 1948.

At 1200 on FRIDAY 27 th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	°C. TEMP.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI												
	160	MATRÛH												
	134	EL DABA	00	9	30	3	0	0	-	9.8	27.6	83	25	0
	132	ALEXANDRIA	00	9	02	2	0	0	-	9.4	28.2	67	21	0
	150	FOUAD (Airport)	00	7	30	2	0	0	-	9.7	29	66	22	0
	159	DAMIETTA	00	8	32	3	1	0	-	9.1	29.3	62	21	0
	161	PORT SAÏD	00	8	01	3	0	0	-	9	30	62	22	0
	135	EL ARISH	00	9	32	4	0	0	-	8.0	28.8	68	22	0
LOWER EGYPT	136	DAMANHUR	00	7	04	2	0	0	-	9.5	32.8	45	19	0
	137	MANŞURA	00	8	04	2	1	0	-	8.7	34.0	35	17	0
	138	TANTA	00	8	00	0	0	0	-	8.6	33.0	35	16	0
	139	ZAGAZIG	00	6	32	2	0	0	-	9.0	34.0	45	20	0
		SHIBÎN EL KÔM	00	8	02	3	0	6	8	8.9	33.6	38	18	0
		ISMAÏLÍA	00	8	04	2	0	0	-	8.6	31.8	28	13	0
CAIRO AREA	928	FAROUK(Airport)												
	141	ALMÂZA	00	8	32	3	0	0	-	7	33	50	21	0
		EZBEKÎYA	00	8	30	2	0	0	-	7.5	33.0	46	20	0
		GÎZA	00	8	30	2	0	0	-	7.8	33.2	44	15	0
	143	HELWÂN	00	7	30	4	0	0	-	6.4	34.5	29	14	0
UPPER EGYPT	153	FAIYÛM	00	8	32	3	0	0	-	6.7	34.0	33	15	0
		BENI SUEF	00	8	02	2	0	0	-	7.5	34.8	36	17	0
	162	MINYA	00	8	03	3	0	0	-	7	34	39	18	0
	155	ASYÛT	00	8	22	1	0	0	-	6.2	34.0	25	13	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	4.6	37.6	33	19	0
	156	QENA	00	9	26	3	0	0	-	4.4	39.2	23	14	0
	157	LUXOR	00	9	22	2	0	0	-	4	40	11	04	0
	158	ASWÂN	00	9	00	0	0	0	-	4.8	38.0	21	12	0
OASES	148	SIWA	00	8	00	0	0	0	-	11.4	35.7	46	23	0
	149	BAHARÎYA	00	8	32	2	0	0	-	8.6	35.0	24	11	0
		FARAFRA												
	152	DAKHLA	00	8	28	3	0	0	-	7.1	35.0	22	10	0
	151	KHARGA	00	9	30	1	0	0	-	5.8	36.9	28	16	0
RED SEA	144	SUEZ	00	8	00	0	0	0	-	6.5	36.7	28	16	0
	145	TÛR	00	8	28	3	0	0	-	5.1	32.5	51	21	0
	163	HURGHÂDA	00	9	03	2	0	8	8	5		59	24	0
	147	QUSEIR	00	8	02	2	0	0	-	4.5	31.7	68	25	0
	208	PORT SÛDÂN	01	8	10	4	0	5	4	3	36	44	22	0
NORTH SÛDÂN	165	WADI HALFA	00	8	28	2	0	0	-	5	38	15	07	0
	166	KAREIMA	00	8	30	3	0	0	-	4	41	08	01	0
	167	'ATBARA	00	8	22	2	1	6	3	4	40	11	04	0
	209	KHARTÛM	01	8	16	3	1	7	8,4	6	36	27	14	0
	170	KASSALA	01	8	26	1	1	5	8,4	6	37	36	17	0
CENTRAL SÛDÂN	171	WAD MEDANI	01	8	20	3	1	6	6	6	35	32	16	0
	182	RENK												
	172	ROSEIRES	01	8	14	2	1	3	5	8	28	70	22	0
	174	EL OBEID	01	8	22	2	1	5	8,4	7	32	49	20	0
	175	EL FÂSHER												
	179	GENEINA												
S. SÛDÂN	176	MALAKÂL	02	8	00	0	0	10	4	8	28	70	22	0
	177	WÂU	01	8	24	1	1	3	8,1	8	32	52	21	0
	178	JUBA	01	8	04	2	1	7	8,4	7	33	47	20	0

At 1800 on 27 th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	°C. TEMP.	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI												
	160	MATRÛH												
	134	EL DABA												
	132	ALEXANDRIA	00	5	02	1	0	0	-	10.2	26.2	71	20	0
	150	FOUAD (Airport)	00	7	00	0	0	0	-	10.1	25	79	21	0
	159	DAMIETTA	00	7	30	2	0	0	-	9.2	26.0	82	23	0
	161	PORT SAÏD	00	7	01	3	0	0	-	9	28	70	22	0
	135	EL ARISH	00	9	32	4	0	0	-			72		0
LOWER EGYPT	136	DAMANHUR	00	7	32	2	0	0	-	9.8	25.2	78	21	0
	137	MANŞURA	00	7	32	2	0	0	-	9.8	26.0	73	21	0
	138	TANTA	00	8	00	0	0	0	-	10.3	25.6	60	18	0
	139	ZAGAZIG	00	6	32	2	0	0	-	11.5	25.0	80	21	0
		SHIBÎN EL KÔM	00	7	02	2	0	0	-	10.8	26.3	61	18	0
		ISMAÏLÍA	00	7	02	2	0	0	-	10.0	28.0	60	20	0
CAIRO AREA	928	FAROUK(Airport)												
	141	ALMÂZA	00	7	02	3	0	0	-	8	31	41	16	0
		EZBEKÎYA	00	7	02	2	0	0	-	8.8	27.4	56	17	0
		GÎZA	00	7	02	2	0	0	-	8.7	29.3	39	14	0
	143	HELWÂN	00	7	32	5	0	0	-	8.2	29.8	34	13	0
UPPER EGYPT	153	FAIYÛM	00	8	32	1	0	0	-	7.4	29.6	57	20	0
		BENI SUEF	00	7	02	2	0	0	-	8.0	29.4	51	18	0
	162	MINYA	00	7	01	2	0	0	-	7	26	58	17	0
	155	ASYÛT	00	6	26	1	0	0	-	6.7	31.2	31	12	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	5.8	27.0	57	18	0
	156	QENA	00	6	24	1	0	0	-	5.0	31.4	35	14	0
	157	LUXOR	00	7	30	1	0	0	-	5	34	23	10	0
	158	ASWÂN	00	7	00	0	0	0	-	5.5	36.0	17	07	0
OASES	148	SIWA	00	6	00	0	0	0	-	11.9	31.8	68	25	0
	149	BAHARÎYA	00	7	32	1	0	0	-	9.4	30.2	30	10	0
		FARAFRA	00	7	28	1	0	0	-	9.1	29.8	28	10	0
	152	DAKHLA	00	8	28	1	0	0	-	6.7	31.7	29	12	0
	151	KHARGA	00	7	00	0	0	0	-	6.4	32.4	28	12	0
RED SEA	144	SUEZ	00	5	32	3	0	0	-	7.1	29.5	47	17	0
	145	TÛR	00	8	28	1	0	0	-	5.1	28.8	75	24	0
	163	HURGHÂDA	00	9	00	0	0	0	-	5	28	70	22	0
	147	QUSEIR												
	208	PORT SÛDÂN												
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÛDÂN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S. SÛDÂN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 0600 on SATURDAY 28 th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE MAXIMUM Yesterday	TEMPERATURE MAXIMUM Diff. from norm.	TEMPERATURE MINIMUM Today	TEMPERATURE MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
			ww	V	DD	F	W		C	PPP		TT	T_xT_x		T_nT_n		UU				
MEDITERRANEAN	146	SIDI BARÂNI																	0	171	
	160	MATRÛH	00	7	28	3	0	0	-	12		25			20		84	22	0		
	134	EL DABA	00	8	00	0	0	0	-			24.0			20		82	21	0	117	
	132	ALEXANDRIA	00	9	02	1	0	0	-	10.7	-0.8	25.6	30	0	23	0	79	22	3	209	186
	150	FOUAD (Airport)	00	7	00	0	0	Tr	6	11.0		27	30		24		74	22	3	213	138
	159	DAMIETTA	00	8	28	3	0	0	-	9.6	-0.8	27.4	30		23		74	22	3	85	106
	161	PORT SAÏD	00	7	32	1	0	0	-	10		28	31		24		79	24	3	56	81
	135	EL ARISH	01	9	18	2	1	7	8	9.6	-0.8	29	30	3	22	+2	66	23	0		94
LOWER EGYPT	136	DAMANHUR	01	6	28	2	1	5	8	9.9	-1.1	25.0	34	+2	19	-1	85	22	0	105	101
	137	MANŞURA	00	8	32	2	0	0	-	10.3	-0.5	26.4	36	+2	21	+1	81	22	0	73	55
	138	TANTA	00	8	00	0	0	0	-	10.7	-0.6	24.0	35	+1	17	-2	88	22	0	26	44
	139	ZAGAZIG	00	6	04	2	0	0	-	9.9	-1.7	27.4	35	0	20	+1	83	24	0	36	27
		SHIBÎN EL KÔM	00	7	30	2	0	0	-	10.8	-0.5	24.6	35		19		80	21	0	34	
		ISMAÏLÍA	00	7	00	0	0	0	-	9.8		27.5	35		23		73	22	0	21	
CAIRO AREA	928	FAROUK(Airport)																	0		
	141	ALMÂZA	05	6	02	1	0	3	6	10		25	34		21		84	22	0	25	
		EZBEKÎYA	48	2	00	0	4	FOG	0	10.4	-0.8	23.0	34	0	21	0	94	22	0	32	26
		GÎZA	48	2	00	0	4	FOG	0	10.3	-0.9	22.3	34	0	20	+1	97	22	0	31	27
	143	HELWÂN	05	6	30	2	0	0	-	10.8	-0.1	27.0	35	+1	22	+1	57	18	0	19	29
UPPER EGYPT	153	FAIYÛM	00	8	02	2	0	0	-	9.6	-1.4	25.8	35	0	22	+1	78	22	0	11	8
		BENI SUEF	00	9	02	1	0	0	-	9.1		27.4	35		19		68	20	0	11	
	162	MINYA	00	7	02	3	0	0	-	9		25	35		20		74	20	0	12	
	155	ASYÛT	00	7	26	1	0	0	-	9.0	-0.9	27.1	37	+1	21	-1	56	17	0	04	4
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	7.2	-1.7	29.3	38		19		64	19	0	0	
	156	QENA	00	8	26	2	0	0	-	7.0	-1.4	28.0	41	+1	25	+1	55	18	0	5	
	157	LUXOR	00	8	00	0	0	0	-	7		33	41		23		30	13	0	04	
	158	ASWÂN	00	9	00	0	0	0	-	7.4	-0.7	30.6	41	0	25	-1	39	15	0	04	
OASES	148	SIWA	00	8	28	2	0	0	-	12.8	-0.2	23.1	37	0	19	0	73	18	0	23	8
	149	BAHARÎYA	01	7	32	2	1	3	4	11.2	-0.4	26.8	35	-1	19	-1			0	18	7
		FARAFRA	00	7	00	0	0	0	-	11.7		30.2	32		20		49	18	0		
	152	DAKHLA	00	8	24	1	0	0	-	9.5	-1.2	27.9	36	-2	22	0	39	13	0	04	
	151	KHARGA	00	9	00	0	0	0	-	8.3	-1.3	26.7	38	-1	22	0	46	14	0	0	
RED SEA	144	SUEZ	00	7	00	0	0	0	-	8.7	-1.5	27.0	37	+2	23	0	69	21	0	-	17
	145	TÛR	00	9	28	1	0	0	-	7.4	+0.1	27.8	35	+1	25	+1	75	23	0	0	13
	163	HURGHÂDA	00	9	30	3	0	0	-	7		28	31		25		62	20	0	1	3
	147	QUSEIR	00	8	04	1	0	0	-	6.7	-0.8	31.6	33	-1	24	-1	54	21	0	0	4
	208	PORT SUDAN	01	9	14	2	1	5	4,2	5									0	292	105
NORTH SÛDÂN	165	WADI HALFA																	0	4	
	166	KAREIMA																	0	4	24
	167	'ATBARA																	0	2	61
	209	KHARTÛM	00	8	20	2	1	2	1	9		31					59	21	0	66	138
	170	KASSALA																	0	154	256
CENTRAL SÛDÂN	171	WAD MEDANI	02	8	20	3	1	10	3	11		28					70	22	0	278	320
	182	RENK																			413
	172	ROSEIRES																	0	511	624
	174	EL OBEID	02	8	24	3	1	8	4	11		26					70	20	0	408	278
	175	EL FÂSHER																	0	126	262
	179	GENEINA																			468
S. SÛDÂN	176	MALAKÂL																	0	621	673
	177	WÂU																	15	765	916
	178	JUBA																	25	798	841

HUMIDITY % Mean of day

STATION	on 27 th	Diff. from normal
Alexandria	73	+2
Ezbekîya	68	+6
Gîza	60	-4
Helwân	49	-3

GIZA GRASS MINIMUM TEMP ON 28 th 17.0°C

Remarks

UPPER AIR OBSERVATIONS on 27 th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT ON 27 AT 15 15

HEIGHT FEET	PRESSURE mbs	DRY °C	WET °C
SURFACE	998	33	26
500	980	32	22
1000	962	30	22
1500	945	28	20
2000	928		19
4000	862	24	16
6000	800	22	12
8000	741	17	8
10000	686	12	6
12000	635	12	1
14000	586	7	-3
16000	541	3	-3
18000	498	-3	-5
20000	459	-5	-8

FAROUK AIRPORT RAWINSONDE ON 28 th AT 03

PRESSURE mbs	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE					
1000	260	22	85	90	6
950					
900	3280	22	65	70	16
850	4910	22	45	40	7
800	6590	19	35	70	2
700	10290	9	35	180	14
600	14760	3	-	200	8
500	19500	-3	-	240	26
400					
300	24970	-31	-	240	48
250					
200	31030	-48	-	50	14
150					
100					

STATION	FOUAD A.P.				MINYA											
TIME	15				15											
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	340	12			360	19										
500	20	5			350	16										
1000	10	5			340	18										
1500	50	16			330	11										
2000	20	10			320	9										
3000	300	7														
4000	240	5														
5000	260	5														
6000																
7000																
8000																

STATION																
TIME																
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200																
500																
1000																
1500																
2000																
3000																
4000																
5000																
6000																
7000																
8000																

UPPER AIR OBSERVATIONS on 28 th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			4	30	3	30	3	30					6	45	3				5	45			5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			330	11	340	5	350	10					50	14	360	26			320	4			30	7
500			340	14	350	5	20	9					40	10	340	15			350	10			30	4
1000			340	20	30	6	40	9					60	18	330	3			10	11			20	6
1500			10	18	270	1	40	5					50	10	340	19			350	16			350	10
2000			30	7	330	3	60	3					90	7	330	23							320	19
3000			340	5	190	1							170	10									340	16
4000													140	9									330	19
5000													230	13										
6000													220	18										
7000													240	20										
8000													240	23										

STATION	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME			5		5		8																	
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			360	3	20	8	340	16																
500			320	8	10	8	330	23																
1000			40	19	360	11	330	26																
1500			330	16	360	14	310	6																
2000					360	11	260	12																
3000							200	10																
4000							240	14																
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/1951)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

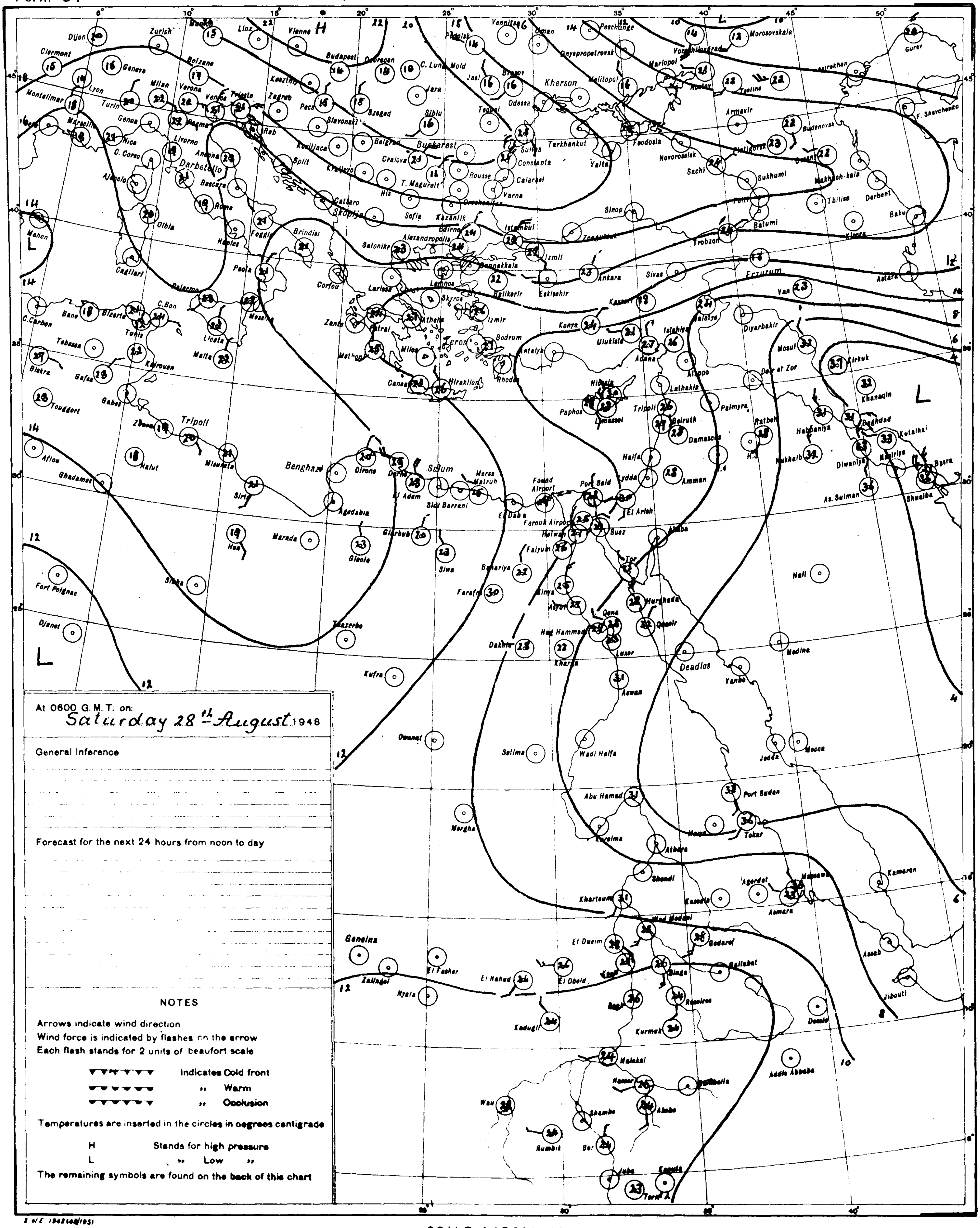
	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: *Saturday 28th August* 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼ Indicates Cold front
●●●●●● ,, Warm
▼●▼●▼● ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

S o/E 1948(48/195)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 30 G.M.T.

" " Sunset 16 21 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: SUNDAY 29th AUGUST, 1948.

At 1200 on SATURDAY 28th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARÂNI												
	160	MATRÛH												
	134	EL DABA	00	8	29	3	0	0	—	10.0	27.9	97	26	0
	132	ALEXANDRIA	00	9	30	3	0	0	—	10.3	28.4	66	21	0
	150	FOUAD (Airport)	00	7	29	2	0	0	—	10	29	66	22	0
	159	DAMIETTA	00	8	30	3	0	0	—	9.4	29.1	65	22	0
	161	PORT SA'ÎD	00	8	32	3	0	0	—	9	29	70	23	0
	135	EL 'ARISH	00	9	28	3	0	0	—	8.6	29.3	67	22	0
Lower Egypt	136	DAMANHUR	00	7	32	3	0	0	—	10.2	31.6	52	21	0
	137	MANSURA	00	8	28	2	0	0	—	9.0	34.6	33	16	0
	138	TANTA	00	8	32	3	0	0	—	9.6	35.0	28	14	0
	139	ZAGAZIG	00	6	24	2	0	0	—	9.1	34.2	47	21	0
		SHIBÎN EL KÔM	00	8	02	3	0	0	—	9.5	34.3	39	18	0
		ISMA'ILÎA	00	8	02	1	0	0	—	7.9	35.0	33	16	0
Cairo Area	928	FAROUK(Airport)	00	8	32	4	0	0	—	8	34	32	15	0
	141	ALMÂZA	00	8	30	3	0	0	—	8.2	33.0	37	15	0
		EZBEKÎYA	00	8	04	2	0	0	—	8.2	33.8	40	19	0
		GÎZA	00	8	04	2	0	0	—	8.2	33.6	34	16	0
	143	HELWÂN	00	7	30	5	0	0	—	7.5	35.3	23	11	0
Upper Egypt	153	FAIYÛM	00	8	02	2	0	0	—	7.8	34.6	25	12	0
		BENI SUEF	00	9	02	1	0	0	—	7.1	37.6	26	16	0
	162	MINYA	00	8	32	3	0	0	—	7	36	33	17	0
	155	ASYÛT	00	8	26	1	0	0	—	7.2	35.2	27	13	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	—	52	38.4	26	16	0
	156	QENA	00	9	24	2	0	0	—	4.7	41.4	25	17	0
	157	LUXOR	00	8	00	0	0	0	—	4	40	19	12	0
	158	ASWÂN	00	8	00	0	0	0	—	4.7	40.0	18	11	0
Oases	148	SIWA	00	8	00	0	0	0	—	10.3	35.7	53	25	0
	149	BAHARÎYA	00	8	28	1	1	0	—	8.8	34.2	28	13	0
		FARAFRA	00	7		2	0	0	—	9.1	36.0	23	12	0
	152	DAKHLA	00	9	28	3	0	0	—	7.7	34.9	22	10	0
	151	KHARGA	00	9	00	0	0	0	—	6.6	37.9	27	16	0
Red Sea	144	SUEZ	00	8	32	4	0	0	—	7.7	35.2	27	13	0
	145	TÔR	00	8	28	3	0	0	—	6.4	31.2	64	23	0
	163	HURGHÂDA	00	9	03	1	0	0	—	7	30	79	26	0
	147	QUSEIR	00	8	02	2	0	0	—	7.0	31.4	70	25	0
	208	PORT SÛDÂN	01	9	10	3	1	5	4	3				0
North Sûdân	165	WADI HALFA	00	8	26	2	0	0	—	6	39	15	8	0
	166	KAREIMA	01	7	30	4	1	5	3	5	38	15	7	0
	167	'ATBARA	00	8	20	2	0	2						0
	209	KHARTÛM	01	8	20	1	1	3	8	6	37	20	11	0
	170	KASSALA	02	8	22	2	2	10	8,4	6	36	37	19	0
Central Sûdân	171	WAD MEDANI	01	8	20	3	1	5	8	6	36	31	16	0
	182	RENK	02	9	20	2	2	10	8		41			0
	172	ROSEIRES												
	174	EL OBEID	02	8	24	4	1	10	8	8	31	62	23	0
	175	EL FÂSHER												
	179	GENEINA												
S. Sûdân	176	MALAKÂL												
	177	WÂU												
	178	JUBA	02	8			1	10	6,4	11	28	66	21	0

At 1800 on SATURDAY 28th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARÂNI												
MATRÛH												
EL DABA												
ALEXANDRIA	00	5	02	1	0	0	—	10.6	25.6	85	23	0
FOUAD (Airport)	00	7	00	0	0	0	—	10.2	26	79	22	0
DAMIETTA	00	7	28	2	0	0	—	9.6	25.6	79	22	0
PORT SA'ÎD	00	7	32	3	0	0	—	9	27	66	20	0
EL 'ARISH	00	9	30	3	0	0	—	9.2	26.9	69	21	0
DAMANHUR	00	7	32	3	0	0	—	10.6	24.6	76	20	0
MANSURA	00	6	04	1	0	0	—	9.9	25.8	67	19	0
TANTA	00	8	32	1	0	0	—	11.2	24.9	60	16	0
ZAGAZIG	00	6	24	1	0	0	—	10.2	26.8	71	21	0
SHIBÎN EL KÔM	00	7	02	2	0	0	—	10.3	27.1	66	20	0
ISMA'ILÎA	00	8	32	1	0	0	—	8.8	28.0	55	18	0
FAROUK(Airport)	00	7	04	4	0	0	—	9	30	40	15	0
ALMÂZA	00	7	02	3	0	0	—	8.5	30.0	40	15	0
EZBEKÎYA	00	7	00	0	0	0	—	9.2	27.7	59	19	0
GÎZA	00	7	00	0	0	0	—	8.8	28.9	46	16	0
HELWÂN	00	7	30	4	0	0	—	8.7	29.9	41	15	0
FAIYÛM	00	8	32	1	0	0	—	7.9	30.0	49	18	0
BENI SUEF	00	9	02	1	0	0	—	7.6	29.9	46	17	0
MINYA	00	7	00	0	0	0	—	8	27	55	17	0
ASYÛT	00	6	28	1	0	0	—	7.2	30.6	33	13	0
NAG' HAMMÂDI	00	8	00	0	0	0	—	5.5	28.0	57	19	0
QENA	00	6	24	2	0	0	—	5.1	33.0	37	16	0
LUXOR	00	7	28	1	0	0	—	5	35	23	11	0
ASWÂN	00	9	00	0	0	0	—	4.3	36.7	23	12	0
SIWA	00	6	00	0	0	0	—	10.7	29.4	63	21	0
BAHARÎYA	00	7	28	1	0	0	—	9.4	30.5	31	11	0
FARAFRA	00	6	32	1	0	0	—	10.0	29.0	33	11	0
DAKHLA	00	8	28	1	0	0	—	8.0	33.3	24	10	0
KHARGA	00	9	00	0	0	0	—	7.5	31.4	29	11	0
SUEZ	00	8	02	2	0	0	—	7.9	29.8	39	15	0
TÔR	00	8	28	2	0	0	—	5.9	30.0	63	22	0
HURGHÂDA	00	8	00	0	0	0	—	6	30	70	24	0
QUSEIR	00	8	02	1	0	0	—	5.9	29.3	77	24	0

(No entries at 1800 for Port Sûdân and the Sûdân stations.)

At 0600 on SUNDAY 29th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb TT	Maximum Yesterday TxTx	Max. Diff. from norm.	Minimum Today TnTn	Min. Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	Area
SÎDI BARÂNI																				Mediterranean
MATRÛH	00	8	28	3	0	0	—	11		25			19		84	22	0			
EL DABA'	01	8	28	1	1	7	8			25.8			19		93	25	0	117		
ALEXANDRIA	00	9	28	2	0	0	—	10.3	-1.3	26.7	30	0	24	+1	72	22	0	209	186	
FOUAD (Airport)	00	7	28	1	0	0	—	10.1		27	30		23		74	22	0	213	138	
DAMIETTA	00	8	28	2	0	0	—	9.4	-1.1	26.8	30		22		82	24	0	85	106	
PORT SA'ÎD	00	7	28	1	0	4	6	10		27	30		24		74	22	0	56	81	
EL 'ARISH	00	9	24	3	0	0	—	9.4	-1.1	28.6	30	0	20	0	66	22	0		94	
DAMANHÛR	00	6	24	2	0	0	—	10.4	-0.7	24.8	34	+2	19	-1	88	22	0	105	101	Lower Egypt
MANSÛRA	00	8	02	1	0	0	—	10.0	-1.0	26.8	36	+2	20	0	75	22	0	73	55	
TANTA	00	8	28	1	0	0	—	9.8	-1.6	25.0	35	+1	17	-2	79	21	0	26	44	
ZAGAZIG	00	6	26	2	0	0	—	9.9	-1.8	24.9	36	+1	19	0	84	22	0	86	27	
SHIBÎN EL KÔM	01	7	28	1	1	5	8	9.4	-2.0	23.4	37		19		83	20	0	34		
ISMAÎLÎA	00	7	26	1	0	0	—	9.5		26.4	36		21		70	20	0	21		
FAROUK(Airport)	00	7	00	0	0	0	—	10		22	35		20		89	20	0			Cairo Area
ALMÂZA	00	7	00	0	0	0	—	9.9		23.2	34		20		75	18	0	25		
EZBEKÎYA	00	7	30	1	0	0	—	10.2	-1.1	24.5	35	+1	21	0	80	20	0	32	26	
GÎZA	00	7	30	1	0	0	—	10.2	-1.1	23.8	34	0	18	-1	84	21	0	31	27	
HELWÂN	05	6	28	3	0	0	—	9.4	-1.6	24.0	36	+2	20	-1	72	19	0	19	29	
FAIYÛM	00	8	32	2	0	0	—	9.6	-1.5	26.2	36	+1	21	0	63	18	0	11	8	Upper Egypt
BENI SUEF	00	9	02	1	0	0	—	9.2		27.6	38		19		57	19	0	11		
MINYA	00	7	01	3	0	0	—	9		25	36		20		70	19	0	12		
ASYÛT	00	7	22	1	0	0	—	9.1	-0.9	26.6	38	+3	21	-1	52	16	0	dr.	4	
NAG' HAMMÂDI	00	8	00	0	0	0	—	7.0	-2.0	29.0	39		22		53	18	0	0		
QENA	00	8	24	3	0	0	—	6.4	-2.0	28.0	42	+2	26	+3	45	15	0	5		
LUXOR	00	8	00	0	0	4	1	6		33	42		25		34	15	0	dr.		
ASWÂN	00	9	00	0	0	0	—	7.4	-0.8	31.0	42	+1	27	+2	34	13	0	dr.		
SIWA	01	7	04	2	1	5	9	11.2	-1.9	24.0	36	-1	19	0	82	21	0	23	8	Oases
BAHARIYA	00	7	32	2	0	0	—	10.6	-1.3	25.0	36	0	20	0	54	15	0	18	7	
FARAFRA	00	7	00	0	0	0	—	10.6		28.2	37		20		46	15	0			
DAKHLA	00	8	24	1	0	0	—	9.5	-1.2	27.7					29	8	0	dr.		
KHARGA	00	9	00	0	0	0	—	8.4	-1.3	25.3	39	0	23	+1	60	14	0	0		
SUEZ	00	7	00	0	0	0	—	8.6	-1.7	26.1	37	+2	21	-2	71	20	0		17	Red Sea
TOR	00	8	28	3	0	0	—	6.8	-0.8	28.3	34	0	25	+1	67	21	0	0	13	
HURGHADA	00	9	30	4	0	0	—	7		29	31		26		52	18	0	1	3	
QUSEIR	00	7	32	2	0	0	—	6.3	-1.2	31.7	33	-1	27	0	40	17	0	0	4	
PORT SUDAN																	0	292	105	
WÂDI HALFA																	0	tr.		North Sûdân
KAREIMA																	0	tr.	24	
'ATBARA																	0	2	62	
KHARTÛM																	0	66	141	
KASSALA																	0	154	260	
WAD MEDANI																	0	278	324	Central Sûdân
RENK																			418	
ROSEIRES																	14	525	631	
EL OBEID																	11	419	282	
EL FÂSHER																	0	126	267	
GENEINA																			475	
MALAKAL																	0	621	679	S. Sûdân
WÂU																	26	791	922	
JUBA																	0	738	845	

HUMIDITY % Mean of day

Station	on 28th	Diff. from normal
Alexandria	80	+9
Ezbekîya	71	+9
Gîza	67	+3
Helwân	46	-6

GÎZA GRASS MINIMUM TEMP ON 29th 14.9 °C

Remarks

UPPER AIR OBSERVATIONS on 28th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT ON ... At ...

Height feet	Pressure mbs.	Dry °C	Wet °C
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT RAWINSONDE ON 29th At 3

Pressure mbs.	Height feet	Temp °C	Humidity %	Wind DD	Wind VV
Surface		21	85	240	1
1000	240	21	85	240	1
950					
900	3300	25		10	7
850	4940	24		120	1
800	6660	19		80	6
700	10340	11		220	12
600	14490	4		240	6
500	19600	-5		240	20
400		-13			
300	32220	-29		250	45
250					
200	41340	-45		250	62
150					
100					

Station			Fouad A.P.		P. Said				Minya					
Time			15		14 30				15					
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			330	9	360	13			360	21				
500			340	10	350	13			360	22				
1000			340	10	350	12			350	19				
1500			320	16	320	14			330	14				
2000			340	14	280	4			300	3				
3000									30	4				
4000														
5000														
6000														
7000														
8000														

(Second station block on the 28th: Station, Time, Height m. 200, 500, 1000, 1500, 2000, 3000, 4000, 5000, 6000, 7000, 8000 — no entries.)

UPPER AIR OBSERVATIONS on 29th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Saîd		Farouk Airport		Almâza		Helwân		Minya		Asyût		Luxor		Aswân		Siwa	
Time			4		3		4		3				6 30						5 30		5		5	
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			300	11	340	3	330	4	360	6			350	8					330	7	340	8		
500			270	3	10	5	350	8	10	10			20	13					330	16	340	19	330	3
1000			40	2	60	7	330	7	10	7			20	10					320	15	330	22	360	13
1500			240	7	350	3	300	7	120	1			30	10					300	4	290	16	350	23
2000			310	13			210	11	180	8			60	3					220	13	260	5	330	32
3000			350	8			210	15	220	10			180	10					280	10	170	22	330	14
4000			350	8			240	2	240	6			220	10									360	37
5000			320	7					230	7			210	9										
6000			290	6					240	17			220	16										
7000													240	15										
8000																								

Station	Baharîya		Dakhla		Kharga		Hurghada		Wâdi Halfa		Abu Hamâd		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakal	
Time			5		5		9		8 15															
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			330	12	110	10	330	26	360	10														
500			350	16	360	12	320	22	350	13														
1000			10	19	350	15	320	13	330	15														
1500			340	10	350	17	330	10	300	16														
2000			310	3			260	6	220	12														
3000							200	32	170	18														
4000									190	22														
5000																								
6000									200	12														
7000																								
8000																								

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

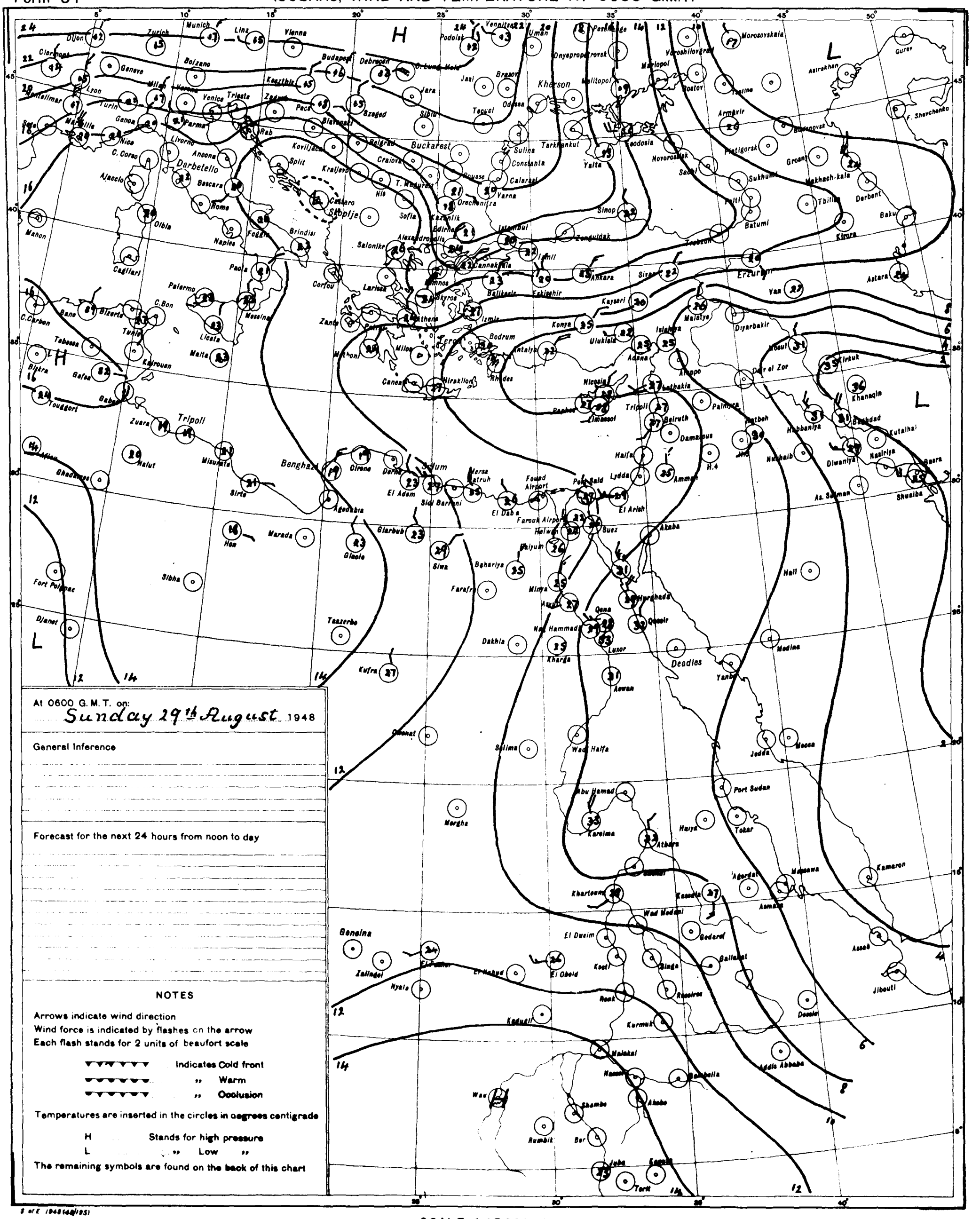
WIND DIRECTION (DD)

is on Scale 01-32 e.g 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Printed by the Survey of Egypt 1948 (48/195)

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
Sunday 29th August 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

S of E 1948 (48/1951)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 30 G.M.T.
" " Sunset 16 23 G.M.T.

MAR 8 1949 WEATHER BUREAU

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: MONDAY 30th AUGUST, 1948.

At 1200 on SUNDAY 29th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI												
	160	MATRÛH												
	134	EL DABA	00	9	30	3	0	0	-	9.6	29.2	76	25	0
	132	ALEXANDRIA	00	9	30	2	0	0	-	9.6	29.0	59	20	0
	150	FOUAD (Airport)	00	7	28	3	0	0	-	7.6	30	62	22	0
	159	DAMIETTA	00	9	30	3	0	0	-	9.1	29.0	64	21	0
	161	PORT SA'ÏD	00	8	31	3	0	0	-	9	28	70	22	0
	135	EL 'ARISH	00	9	32	4	0	0	-	8.7	28.9	67	22	0
LOWER EGYPT	136	DAMANHUR	00	7	28	3	0	0	-	9.8	31.6	52	21	0
	137	MANṢURA	00	8	32	2	0	0	-	8.7	34.0	41	19	0
	138	ṬANṬA	00	8	24	1	0	0	-	9.8	34.0	33	15	0
	139	ZAGAZIG	00	8	24	2	0	0	-	9.1	33.8	48	21	0
		SHIBÎN EL KÔM	00	8	30	3	0	0	-	9.4	34.8	36	17	0
		ISMA'ILÎA	00	8	32	1	0	0	-	7.6	36.8	22	12	0
CAIRO AREA	928	FAROUK (Airport)	00	8	28	4	0	0	-	8	33	38	17	0
	141	ALMÂZA	00	8	30	2	0	0	-	8.2	33	38	17	0
		EZBEKÎYA	00	8	02	1	0	0	-	8.6	33.0	40	18	0
		GÎZA	00	8	02	1	0	0	-	8.2	33.6	37	16	0
	143	ḤELWÂN	05	7	28	4	0	0	-	7.8	33.6	24	10	0
UPPER EGYPT	153	FAIYÛM	00	8	30	2	0	0	-	7.5	34.2	30	14	0
		BENI SUEF	00	9	02	2	0	0	-	7.4	36.8	22	12	0
	162	MINYA												
	155	ASYÛT	00	8	20	1	0	0	-	7.1	36.0	20	11	0
	164	NAG' HAMMÂDI	00	8	24	1	0	0	-	4.6	38.3	25	15	0
	156	QENA	00	9	24	2	0	0	-	4.0	41.6	27	19	0
	157	LUXOR	00	8	27	1	0	0	-	4	41	20	14	0
	158	ASWÂN	00	9	32	2	0	0	-	4.8	40.2	18	12	0
OASES	148	SIWA	00	8	32	3	0	0	-					
	149	BAHARÎYA	00	8	28	1	0	0	-	9.0	35.0	24	12	0
		FARAFRA												
	152	DAKHLA	00	9	28	3	0	0	-	8.6	36.0	19	09	0
	151	KHARGA	00	9	30	1	0	0	-	6.3		26	16	0
RED SEA	144	SUEZ	00	8	32	2	0	0	-	6.5	35.3	23	11	0
	145	TÔR	00	8	28	4	0	0	-	5.6	32.3	53	21	0
	163	HURGHÂDA	00	9	03	2	0	0	-	5	30	74	25	0
	147	QUSEIR	00	8	32	2	0	0	-	5.0	33.3	54	22	0
	208	PORT SÛDÂN	01	8	16	4	1	5	4,1		37	45	23	0
NORTH SÛDÂN	165	WADI HALFA	00	8	30	3	0	0	-	6	39	15	08	0
	166	KAREIMA	00	7	18	3	0	3	1	4	42	12	07	0
	167	'AṬBARA	01	8	28	1	1	3	4,1	2	41	13	07	0
	209	KHARTÛM	00	8	28	1	1	2	8,4	4	39	14	07	0
	170	KASSALA	01	8	18	2	1	7	8,4	5	36	31	16	0
CENTRAL SÛDÂN	171	WAD MEDANI	01	8	24	3	1	5	8	6	36	35	18	0
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID	01	8	22	3	1	5	8,4	7	32	56	22	0
	175	EL FÂSHER												
	179	GENEINA												
S. SÛDÂN	176	MALAKÂL	02	8	00	0	1	9	8,4	9	28	70	22	0
	177	WÂU	02	8	16	1	1	10	8,4	9	29	66	22	0
	178	JUBA	02	8	30	1	1	10	9,4	11	26	79	22	0

At 1800 on 29th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARÂNI												
MATRÛH												
EL DABA												
ALEXANDRIA	00	5	02	1	0	0	-	10.2	25.7	81	22	0
FOUAD (Airport)	00	7	00	0	0	0	-	10.0	25	84	22	0
DAMIETTA	00	6	28	1	0	0	-	9.5	25.0	87	24	0
PORT SA'ÏD	00	7	31	2	0	0	-	9	26	79	22	0
EL 'ARISH	00	9	32	3	0	0	-	9.1	26.3	81	22	0
DAMANHUR	00	7	28	2	0	0	-	10.2	24.8	82	22	0
MANṢURA	00	6	28	2	0	0	-	9.8	25.6	73	21	0
ṬANṬA	00	8	00	0	0	0	-	9.8	24.6	72	19	0
ZAGAZIG	00	6	32	2	0	0	-	9.6	25.7	79	22	0
SHIBÎN EL KÔM	00	7	30	2	0	0	-	10.3	26.4	72	21	0
ISMA'ILÎA	00	7	04	2	0	0	-	9.6	28.5	50	16	0
FAROUK (Airport)	00	8	32	4	0	0	-	9	30	40	15	0
ALMÂZA	00	7	02	3	0	0	-	8.7	29.4	41	15	0
EZBEKÎYA	00	7	02	1	0	0	-	9.6	27.0	61	19	0
GÎZA	00	7	02	1	0	0	-	9.2	27.8	54	18	0
ḤELWÂN	00	7	32	4	0	0	-	8.8	29.5	37	14	0
FAIYÛM	00	8	02	2	0	0	-	8.0	30.0	45	17	0
BENI SUEF	00	9	02	1	0	0	-	8.0	28.0	50	16	0
MINYA	00	7	00	0	0	0	-	8	26	62	18	0
ASYÛT	00	6	28	1	0	0	-	7.6	29.7	32	12	0
NAG' HAMMÂDI	00	8	00	0	0	0	-	5.4	29.4	46	16	0
QENA	00	6	22	3	0	0	-	4.6	32.6	33	15	0
LUXOR	00	7	27	2	0	0	-	5	36	24	12	0
ASWÂN	00	9	00	0	0	0	-	4.6	36.8	19	10	0
SIWA	00	6	00	0	0	0	-	10.7	30.8	60	21	0
BAHARÎYA	00	7	00	0	0	0	-	9.0	31.0	25	07	0
FARAFRA	00	7	32	1	0	0	-	9.2	29.2	33	11	0
DAKHLA	00	8	28	1	0	0	-	8.1	32.7	26	11	0
KHARGA												
SUEZ	03	5	02	3	0	0	-	7.8	29.4	46	16	0
TÔR	00	8	28	2	0	0	-	5.6	29.0	71	23	0
HURGHÂDA	00	8	00	0	0	0	-	5	30	70	24	0
QUSEIR	00	8	30	2	0	0	-	5.0	30.7	65	24	0

At 0600 on MONDAY 30

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Max. Yesterday TxTx	Diff. from norm.	Min. Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	Station	Area
																	0	171		SÎDI BARÂNI	MEDITERRANEAN
	00	8	26	3	0	0	-	11		24			20		79	20	0			MATRÛH	
	01	7	24	3	1	5	8	10.4		24.8			19		91	23	0	117		EL DABA'	
	01	9	28	3	1	3	4	10.3	-1.4	26.2	30	0	23	0	80	22	0	209	186	ALEXANDRIA	
	00	7	27	2	0	2	6	10.4		27	30		21		84	24	0	213	138	FOUAD (Airport)	
	00	8	20	2	0	0	-	9.5	-1.1	25.8	30		20		85	23	0	85	106	DAMIETTA	
	00	7	22	2	0	t	6	10		26	29		24		79	22	0	56	81	PORT SA'ÏD	
	00	9	18	3	0	t	8	8.8	-1.8	27.8	30	0	20	0	73	23	0		94	EL 'ARISH	
	00		28	2	0	0	-	10.4	-0.8	25.0	33	-1	19	+1	85	22	0	105	101	DAMANHÛR	LOWER EGYPT
	00	8	28	1	0	0	-	11.1	0.0	26.2	35	+1	[illegible]	-1	75	21	0	73	55	MANṢÛRA	
	00	8	00	0	0	0	-	11.0	-0.6	22.6	35	+1	16	-3	92	22	0	26	44	ṬANṬA	
	00	6	24	2	0	0	-	9.9	-1.9	25.4	36	+2	17	-2	82	22	0	36	27	ZAGAZIG	
	00	7	30	2	0	1	8	10.7	-0.8	24.0	36		19		77	20	0	34		SHIBÎN EL KÔM	
																	0	21		ISMAÎLÎA	
	00	7	28	1	0	0	-	10		23	34		19		84	20	0			FAROUK (Airport)	CAIRO AREA
	00	7	30	1	0	0	-	10.0	-1.4	24.0	33		20		77	19	0	25		ALMÂZA	
	00	7	30	1	0	0	-	10.6	-0.8	25.0	34	0	20	-1	74	20	0	32	26	EZBEKÎYA	
	00	7	30	1	0	0	-	9.9	-1.5	24.3	34	+1	16	-3	75	19	0	31	27	GÎZA	
	05	6	28	2	0	0	-	10.0	-1.1	23.7	35	+1	20	-1	64	17	0	19	29	ḤELWÂN	
	00	8	32	2	0	0	-	10.3	-0.9	26.0	36	+1	19	-2	67	19	0	11	8	FAIYÛM	UPPER EGYPT
	00	9	02	1	0	0	-	10.0		25.8	37		17		69	20	0	11		BENI SUEF	
	00	7	01	2	0	0	-	10		25	37		18		65	18	0	12		MINYA	
	00	7	20	1	0	0	-	9.4	-0.7	26.8	37	+2	21	-1	55	17	0	dr	4	ASYÛT	
	00	8	00	0	0	0	-	7.8	-1.3	29.0	38		21		53	18	0	0		NAG' HAMMÂDI	
	00	8	22	3	0	0	-	6.8	-1.7	27.2	43	+3	26	+3	45	14	0	5		QENA	
	00	8	00	0	0	0	-	7		33	42		25		34	15	0	dr		LUXOR	
	00	9	32	1	0	0	-	7.1	-1.2	30.5	43	+2	28	+3	[illegible]	[illegible]	0	dr		ASWÂN	
	03	7	00	0	1	0	-	11.2	-2.0	24.8	37	0	17	-2	69	19	0	23	8	SIWA	OASES
	00	8	00	0	0	0	-	10.4	-1.6	27.0	36	+1	18	-2	43	13	0	18	7	BAHARIYA	
	00	7	00	0	0	0	-	11.1		28.6	37		18		41	14	0	-		FARAFRA	
	00	8	24	1	0	0	-	10.3	-0.6	27.9	37	-1	22	0	32	10	0	dr		DAKHLA	
	00	9	00	0	0	0	-	8.8	-1.0	29.3	38	0	22	0	49	17	0	0		KHARGA	
	00	7	02	2	0	0	-	8.8	-1.6	24.9	36	+1	21	-2	77	20	0	-	17	SUEZ	RED SEA
	00	8	28	2	0	0	-	7.0	-0.7	29.4	35	+2	23	-1	54	19	0	0	13	TOR	
	00	9	30	2	0	0	-	7		30	32		25		49	18	0	1	3	HURGHADA	
	00	8	32	3	0	0	-	6.3	-1.3	31.4	34	0	28	+1	54	21	0	0	4	QUSEIR	
																	0	292	105	PORT SUDAN	
	00	8															0	t		WÂDI HALFA	NORTH SÛDÂN
	01	8	30	3	0	3	4			32			25		13	0	0	tw	25	KAREIMA	
	00	8	06	1	1	2	4	8		33					19	06	0	2	63	'ATBARA	
	01	8	18	2	1	5	4	9		30			27		55	20	0	66	144	KHARTÛM	
																	0	154	263	KASSALA	
																	0	278	328	WAD MEDANI	CENTRAL SÛDÂN
																	0		422	RENK	
																	10	535	638	ROSEIRES	
																	0	419	286	EL OBEID	
																	0	126	271	EL FÂSHER	
																	0		482	GENEINA	
	02	8		2	1	8	4	11		26					84	23	0	621	685	MALAKAL	S. SÛDÂN
	02	8	00	0	1	10	4	12		25			24		84	22	0	791	928	WÂU	
																	30	768	849	JUBA	

HUMIDITY % Mean of day

Station	on 29th	Diff. from normal
Alexandria	75	+4
Ezbekiya	65	+3
Giza	64	-1
Helwân	51	-1

GIZA
GRASS MINIMUM TEMP
ON 30th 12.4 °C

Remarks

UPPER AIR OBSERVATIONS on 29th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — Aeroplane Ascent on 29th at 15 00

Height feet	Pressure mbs	Dry °C	Wet °C
Surface	999	33	25
500	981	33	22
1000	963	32	21
1500	946	30	21
2000	929	28	19
4000	863	23	14
6000	800	19	11
8000	742	17	5
10000	687	16	3
12000	636	11	0
14000	587	6	0
16000	542	3	1
18000	498	1	-1
20000	460	-2	-4

FAROUK AIRPORT — Rawinsonde on ... at ...

Pressure mbs	Height feet	Temp °C	Humidity %	Wind DD	Wind VV
Surface					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					
250					
200					
150					
100					

Station	FOUAD A.P		P. SAÏD		MINYA	
Time	15		14 15		15	
Height m.	DD	VV	DD	VV	DD	VV
200	330	16	330	15	10	16
500	330	17	310	16	360	17
1000	300	15	310	12	350	16
1500	330	10	260	7	350	15
2000	340	7	240	11	350	23
3000	280	9	170	7	350	30
4000	260	7				
5000						
6000						
7000						
8000						

UPPER AIR OBSERVATIONS on 30th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Station	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
Time			4 45		3		4 45						7		3 15				5 30		5		5	
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			280	16	300	10	310	8					320	8	20	19			360	3	340	16	00	0
500			290	16	240	10	310	7					360	10	360	19			320	10	340	19	140	6
1000			Ent Sc		280	11	280	11					360	13	330	20			340	22	350	22	170	8
1500					Ent Sc		320	7					360	17	310	23			20	6	290	14	230	8
2000							280	5					340	12	320	9					180	30	280	15
3000							260	9					280	3							190	19	280	16
4000							210	7					160	10									290	10
5000							250	12					210	13										
6000													200	17										
7000																								
8000																								

Station	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
Time			5		6		8																	
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			330	6	360	13	330	24																
500			30	10	10	19	330	16																
1000			360	18	10	22	360	7																
1500			330	14	350	20	350	30																
2000			350	17																				
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick „ „ „ „	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
„ of Snow	83, 84
„ of Sleet	85, 86
„ of Hail	88, 89
Thunderstorm	90-99
„ ended, now Rain	91
„ with Hail	94-96
„ with Duststorm	98
„ heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 „	1
500 „	2
1 Kilometre	3
2 „	4
4 „	5
10 „	6
20 „	7
50 „	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto stratus	5
Strato cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

WIND FORCE (F)

	K P H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

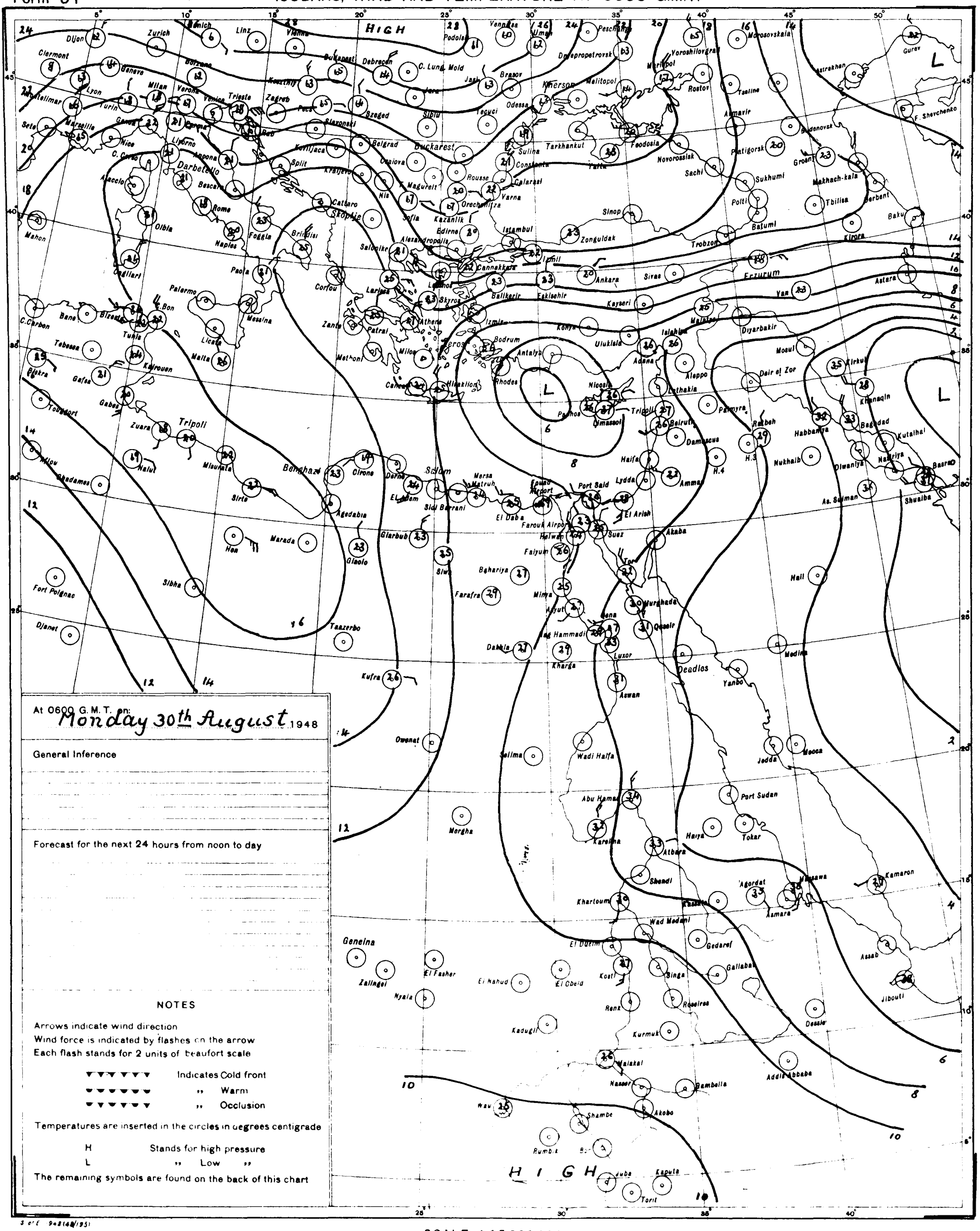
is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/195)

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: Monday 30th August 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction

Wind force is indicated by flashes on the arrow

Each flash stands for 2 units of Beaufort scale

▼▼▼▼▼▼ Indicates Cold front

●●●●●● ,, Warm

▼●▼●▼● ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure

L ,, Low ,,

The remaining symbols are found on the back of this chart

S of E 948(48)/1951

SCALE 1 15,000,000

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

Form 91

CAIRO
Time of Sunrise 03 31 G.M.T.
" " Sunset 16 17 G.M.T.

DAILY WEATHER REPORT

Date : TUESDAY 31 St AUGUST , 1948.

MAR 8 1949 WEATHER BUREAU

At 1200 on MONDAY 30 th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	oo	9	30	3	o	o	-	11.0	27.2	71	21	o
	160	MATRÛH												
	134	EL DABA	oo	8	32	1	o	o	-		28.4			o
	132	ALEXANDRIA	o1	9	28	3	2	5	H	11.5	28.0	70	22	o
	150	FOUAD (Airport)	oo	7	29	3	o	o	-	10.8	29	70	23	o
	159	DAMIETTA	oo	8	28	3	o	o	-	9.0	28.9	77	25	o
	161	PORT SA'ID	oo	8	31	2	o	o	-	9	29	70	23	o
	135	EL 'ARISH	oo	9	28	3	o	o	-	9.1	28.6	63	21	o
LOWER EGYPT	136	DAMANHUR	oo	7	32	3	o	o	-	9.8	31.2	52	20	o
	137	MANŞURA	oo	8	28	2	o	o	-	9.0	34.0	39	18	o
	138	ṬANṬA	oo	8	24	2	o	o	-	9.8	34.0	45	20	o
	139	ZAGAZIG	oo	6	32	2	o	o	-	9.3	34.6	45	21	o
		SHIBÎN EL KÔM	oo	8	30	3	o	o	-	9.6	34.2	42	19	o
		ISMAÎLIA	oo	7	26	1	o	o	-	9.5	35.5	31	16	o
CAIRO AREA	928	FAROUK(Airport)	oo	8	28	4	o	o	-	9	32	38	16	o
	141	ALMÂZA	oo	8	28	2	o	o	-	8	32	37	15	o
		EZBEKÎYA	oo	8	32	1	o	o	-	8.6	33.0	38	17	o
		GÎZA	oo	8	32	1	o	o	-	8.7	33.8	32	15	o
	143	ḤELWÂN	oo	7	26	4	o	o	-	8.0	32.9	33	13	o
UPPER EGYPT	153	FAIYÛM	oo	8	32	2	o	o	-	8.3	34.0	26	11	o
		BENI SUEF	oo	9	02	1	o	o	-	8.0	35.4	29	15	o
	162	MINYA	oo	8	02	3	o	o	-	8	34	30	14	o
	155	ASYÛT	oo	8	26	1	o	o	-	6.0	34.3	21	08	o
	164	NAG' HAMMÂDI	oo	8	24	1	o	o	-	5.8	37.4	23	13	o
	156	QENA	oo	9	22	3	o	o	-	4.4	40.0	24	16	o
	157	LUXOR	oo	8	24	2	o	o	-	5	41	17	11	o
	158	ASWÂN	oo	9	04	1	o	o	-	5.2	40.0	20	13	o
OASES	148	SIWA	oo	8	28	2	o	o	-	11.1	36.5	13	28	o
	149	BAḤARÎYA	oo	8	32	2	o	o	-	9.2	36.0	17	07	o
		FARAFRA												
	152	DAKHLA	oo	7	30	3	o	o	-	8.0	36.0	20	10	o
	151	KHARGA	oo	9	30	1	o	o	-	7.0	37.2	25	14	o
RED SEA	144	SUEZ	oo	8	00	o	o	o	-	7.0	34.4	34	11	o
	145	TÛR	oo	8	28	5	o	o	-	6.2	29.2	54	19	o
	163	HURGHÂDA	oo	7	30	4	o	o	-	5	31	59	22	o
	147	QUSEIR	oo	8	32	2	o	o	-	6.4	33.0	50	21	o
	208	PORT SÛDÂN												
NORTH SÛDÂN	165	WADI HALFA	oo	8	30	2	o	o	-	6	39	12	04	o
	166	KAREIMA	o1	9	30	2	1	5	H.1	5	41	07	-2	o
	167	'ATBARA	o1	8	32	2	1	3	1	3	42	11	06	o
	209	KHARTÛM												
	170	KASSALA	o1	8	16	2	1	5	8	5	36	47	23	o
CENTRAL SÛDÂN	171	WAD MEDANI	o1	8	18	3	1	3	6	9	36	47	28	o
	182	RENK												
	172	ROSEIRES	o1	8	14	1	1	3	5	8	31	55	21	o
	174	EL OBEID	o2	8	24	4	o	2	9	7	32	49	20	o
	175	EL FÂSHER												
	179	GENEINA	o1	8	14	1	1	7	8					
S. SÛDÂN	176	MALAKÂL	o2	8	14	1	1	8	24	9	31	59	22	o
	177	WÂU	o2	8	00	o	1	7	8.6	8	31	55	21	o
	178	JUBA	o1	8	02	1	1	7	8.4	7	33	53	22	o

At 1800 on 30 th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	oo	8	28	3	o	o	-	11.6	24.8	82	22	o
	160	MATRÛH												
	134	EL DABA												
	132	ALEXANDRIA	oo	5	02	1	o	o	-	10.3	26.4	79	22	o
	150	FOUAD (Airport)	oo	7	30	1	o	o	-	9.8	25	89	23	o
	159	DAMIETTA	o1	6	28	3	1	5	8	9.2	25.3	88	23	o
	161	PORT SA'ID	o1	7	26	3	o	3	6	9	27	74	22	o
	135	EL 'ARISH	oo	9	28	3	o	o	-	9.1	27.1	71	21	o
LOWER EGYPT	136	DAMANHUR	oo	7	32	2	o	o	-	9.9	25.0	79	21	o
	137	MANŞURA	oo	6	32	2	o	o	-	9.8	25.5	82	23	o
	138	ṬANṬA	oo	8	00	o	o	o	-	10.4	25.0	80	21	o
	139	ZAGAZIG	oo	6	32	2	o	o	-	10.7	26.9	67	20	o
		SHIBÎN EL KÔM	oo	7	30	2	o	o	-	10.2	27.7	69	21	o
		ISMAÎLIA	oo	8	32	1	o	o	-	9.2	27.7			
CAIRO AREA	928	FAROUK(Airport)	oo	7	32	3	o	o	-	10	28	58	19	o
	141	ALMÂZA	oo	7	32	2	o	o	-	9.1	28.1	57	19	o
		EZBEKÎYA	oo	7	32	1	o	o	-	9.8	27.4	62	19	o
		GÎZA	oo	7	32	1	o	o	-	9.2	27.1	58	18	o
	143	ḤELWÂN	oo	7	32	4	o	o	-	9.2	28.8	46	16	o
UPPER EGYPT	153	FAIYÛM	oo	8	32	1	o	o	-	9.4	29.4	No	15	o
		BENI SUEF	oo	7	02	1	o	o	-	8.0	29.2	56	19	o
	162	MINYA	oo	7	00	o	o	o	-	8	26	55	16	o
	155	ASYÛT	oo	7	22	1	o	o	-	9.4	29.2	33	11	o
	164	NAG' HAMMÂDI	oo	8	00	o	o	o	-	6.4	28.0	46	15	o
	156	QENA	oo	8	22	3	o	o	-	5.5	31.4	39	15	o
	157	LUXOR	oo	7	20	1	o	o	-	6	34	19	07	o
	158	ASWÂN												
OASES	148	SIWA	oo	6	00	o	o	o	-	11.0	32.3	57	22	o
	149	BAḤARÎYA	oo	7	28	1	o	o	-	9.2	31.0	27	09	o
		FARAFRA												
	152	DAKHLA	oo	8	28	1	o	o	-	8.9	31.6	25	10	o
	151	KHARGA	oo	7	00	o	o	o	-	7.6	32.0	27	10	o
RED SEA	144	SUEZ	oo	5	32	2	o	o	-	7.2	30.4	58	21	o
	145	TÛR	oo	8	28	3	o	o	-	6.4	30.0	55	20	o
	163	HURGHÂDA	oo	7	29	3	o	o	-	5	31	49	19	o
	147	QUSEIR	oo	8	28	2	o	o	-	5.4	32.4	56	22	o
	208	PORT SÛDÂN												
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÛDÂN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S. SÛDÂN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 0600 on TUESDAY 31 St

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. MAXIMUM Yesterday	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total from Oct. 1	RAINFALL mms. Norm. From Oct. 1
			ww	V	DD	F	W		C	PPP		TT	TxTx		TnTn		UU				
MEDITERRANEAN	146	SIDI BARÂNI	o1	9	24	2	1	5	8	11.9		25.3	29		21		81	21	o	171	
	160	MATRÛH	o1	8	28	1	1	3	6	12		26			19		74	21	o		
	134	EL DABA	o1	7	28	4	1	5	8			24.2			19		88	22	o	117	
	132	ALEXANDRIA	o1	8	28	3	1	5	8	10.7	-1.1	25.9	30	o	24	+1	77	21	o	209	186
	150	FOUAD (Airport)	o1	7	29	2	o	5	6	9.2		26	30		20		79	22	o	213	138
	159	DAMIETTA	o1	7	20	3	1	5	6	9.5	-1.3	26.5	30		21		83	23	o	85	106
	161	PORT SA'ID	o2	7	22	2	1	8	6	10		26	31		25		79	22	o	56	81
	135	EL 'ARISH	o2	9	20	2	2	8	8	10.0	-0.7	29.1	31	+1	23	+3	62	21	o		94
LOWER EGYPT	136	DAMANHUR	oo		28	3	o	o	-	10.7	-0.6	25.7	32	o	20	o	82	23	o	105	101
	137	MANŞURA	o1	7	24	2	1	5	6	10.3	-1.0	27.0	35	+1	22	+2	77	23	o	73	55
	138	ṬANṬA	oo	8	20	1	o	o	-	10.7	-1.0	25.4	34	o	20	+1	78	21	o	26	44
	139	ZAGAZIG	o1	6	24	2	2	5	8	10.2	-1.7	26.6	35	+1	21	+2	85	24	o	36	27
		SHIBÎN EL KÔM	o1	7	28	2	1	5	8	10.7	-0.9	26.0	36		19		77	22	o	34	
		ISMAÎLIA	o2	6	26	1	2	8	5	9.8		26.2	31		23		70	20	o	21	
CAIRO AREA	928	FAROUK(Airport)	o1	7	28	3	1	5	6	10		24	34		21		84	21	o		
	141	ALMÂZA	oo	7	30	1	o	o	-	10.5	-1.0	24.5	34		20		74	19	o	25	
		EZBEKÎYA	o2	7	oo	o	2	8	8	10.8	-0.7	24.7	34	o	22	+1	77	21	o	32	26
		GÎZA	o2	7	oo	o	2	8	8	10.6	-0.9	25.0	34	+1	19	o	76	20	o	31	27
	143	ḤELWÂN	o5	6	30	1	o	1	6	10.4	-0.8	23.8	34	o	21	o	77	20	o	19	29
UPPER EGYPT	153	FAIYÛM	o1	8	32	2	1	5	8	10.8	-0.6	24.8	35	o	20	o	76	20	o	11	8
		BENI SUEF	o2	9	o2	1	o	8	9	10.7		25.2	36		18		77	21	o	11	
	162	MINYA	oo	7	o2	3	o	o	-	10		25	34		18		74	20	o	12	
	155	ASYÛT	oo	7	22	1	o	o	-	9.6	-0.4	26.6	36	+1	21	-1	52	16	o	04	H
	164	NAG' HAMMÂDI	oo	8	oo	o	o	o	-	7.9	-1.3	29.9	37		21		47	17	o	o	
	156	QENA	oo	8	22	3	o	o	-	7.8	-0.7	28.3	41	+1	25	+2	40	13	o	5	
	157	LUXOR	oo	8	oo	o	o	o	-			31	42		24		28	10	o	04	
	158	ASWÂN	oo	7	32	1	o	o	-	8.0	-0.4	30.4	42	+2	26	+1	36	13	o	H	
OASES	148	SIWA	oo	7	oo	o	o	o	-	13.1	-0.2	22.0	37	o	19	o	82	18	o	2.3	8
	149	BAḤARÎYA	oo	8	32	1	o	o	-	11.0	-1.1	26.0	36	+1	18	-1	45	13	o	18	7
		FARAFRA																	o	-	
	152	DAKHLA	oo	8	oo	o	o	o	-	10.0	-1.0	26.0	38	+0	20	-2	34	09	o	04	
	151	KHARGA	oo	9	oo	o	o	o	-	9.4	-0.5	27.9	36	-2	20	-2	41	14	o	o	
RED SEA	144	SUEZ	oo	7	oo	o	o	o	-	9.1	-1.4	25.9	36	+1	22	o	68	20	o	-	17
	145	TÛR	oo	8	28	N	o	o	-	7.5	-0.3	29.0	35	+2	22	-2	61	21	o	o	13
	163	HURGHÂDA	oo	9	29	4	o	o	-	7		29	32		24		55	19	o	1	3
	147	QUSEIR	oo	8	32	3	o	o	-	6.3	-1.4	31.3	34	o	29	+2	54	21	o	o	4
	208	PORT SUDAN																	o	292	105
NORTH SÛDÂN	165	WADI HALFA																	o	2	
	166	KAREIMA																	o	04	25
	167	'ATBARA																	o	2	64
	209	KHARTÛM																	o	06	146
	170	KASSALA																	o	15N	266
CENTRAL SÛDÂN	171	WAD MEDANI																	o	278	332
	182	RENK																	o		426
	172	ROSEIRES																	o	535	645
	174	EL OBEID																	o	419	290
	175	EL FÂSHER																	o	126	276
	179	GENEINA																	o		489
S. SÛDÂN	176	MALAKÂL																	o	621	1911
	177	WÂU																	o	791	934
	178	JUBA																	o	768	853

HUMIDITY

Mean % of day

STATION	on 30 th	Diff. from normal
Alexandria	78	+8
Ezbekîya	63	o
Giza	62	-3
Helwân	52	o

GIZA
GRASS MINIMUM TEMP
ON 31 St 15.5°C

Remarks

UPPER AIR OBSERVATIONS on 30 th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT ON 30 th AT 14 45

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C
SURFACE	999	32	25
500	981	32	22
1000	963	31	22
1500	946	29	21
2000	929	28	20
4000	863	23	13
6000	800	19	08
8000	742	17	05
10000	687	14	03
12000	635	10	00
14000	587	07	-2
16000	541	04	-2
18000	499	0	-4
20000	460	-4	-7

FAROUK AIRPORT RAWINSONDE ON 31 St AT 03

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE					
1000					
950					
900	3300	24	15	340	22
850	4930	22	25	330	22
800	6640	18	25	350	20
700	10370	13	15	290	10
600	14170	3	-	250	20
500	17300	2	-	250	40
400					
300	31920	-28	-	260	72
250					
200	40020	-48	-		
150					
100					

STATION	FOUAD A.P.		P. SAID		MINYA	
TIME	15	15	16		15	
HEIGHT m.	DD	VV	DD	VV	DD	VV
200	340	10	350	18	20	17
500	340	13	310	16	20	15
1000	350	15	300	12	10	12
1500					10	14
2000					10	12
3000					20	10
4000					30	7
5000						
6000						
7000						
8000						

STATION																
TIME																
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200																
500																
1000																
1500																
2000																
3000																
4000																
5000																
6000																
7000																
8000																

UPPER AIR OBSERVATIONS on 31 St

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÎD		FAROUK AIRPORT		ALMÂZA		ḤELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			4		3		4		3				6 30		3				5 30		5		5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			330	9	310	10	330	7	350	5			340	8	30	11			320	14	20	5	40	5
500			330	7	320	12	330	7	340	18			360	5	20	15			340	22	360	8	100	8
1000			320	12	320	13	320	12	370	17			330	25	340	16			350	28	350	14	40	3
1500			330	4	300	14	330	4	330	18			320	19	330	15			350	14	250	14	350	17
2000			360	4	300	16	360	4	340	14			330	23	350	24					210	14	330	20
3000			350	4			350	4	290	8													340	12
4000									250	20													300	12
5000									250	20													300	21
6000									240	34														
7000																								
8000																								

STATION	BAḤARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME					5		8																	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			300	6	360	12	330	35																
500			360	8	100	13	310	21																
1000			10	16	10	14	310	15																
1500			330	14	10	20																		
2000			330	12																				
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

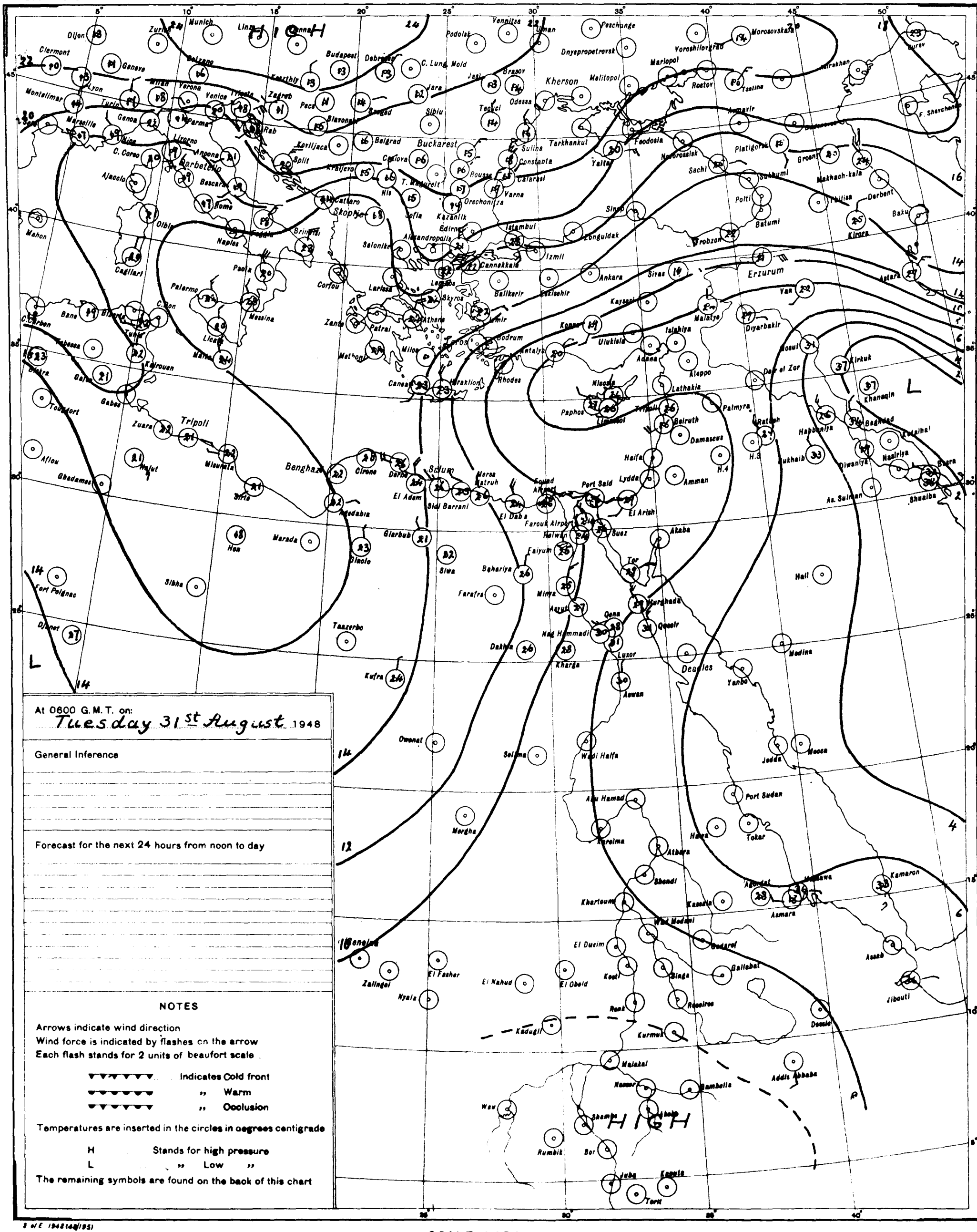
	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G. M. T. on:
Tuesday 31st August 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale.

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "
The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 32 G.M.T.
" " Sunset 16 18 G.M.T.

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

Form 91

DAILY WEATHER REPORT

Date : WEDNESDAY 1st SEPTEMBER , 1948.

AREA	INDEX NUMBER	STATION	At 1200 on TUESDAY 31st AUGUST — PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms	At 1800 on TUESDAY 31st AUGUST — PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	00	9	30	3	0	0	—	12.0	27.3	62	19	0	01	9	30	2	1	3	9	12.4	24.7	80	21	0
	160	MATRÛH																								
	134	EL DABA	00	8	30	3	0	0	—	11.0	28.3	84	25	0												
	132	ALEXANDRIA	01	8	32	4	2	5	8	10.4	27.7	68	21	0	01	5	02	3	2	3	4	11.6	25.0	85	22	0
	150	FOUAD (Airport)	00	7	30	3	1	2	6	10.6	28	70	22	0	01	7	31	2	1	3	6	11.2	25	84	22	0
	159	DAMIETTA	00	8	28	4	1	1	8	9.2	27.8	73	23	0	00	6	28	3	1	1	6	9.9	25.0	87	23	0
	161	PORT SAÏD	00	8	31	4	0	1w	6	9	28	70	22	0	01	7	30	3	0	3	6	10	27	74	22	0
	135	EL 'ARISH	00	9	28	4	0	0	—	9.2	29.2	59	20	0	20	9	32	3	0	3	8	9.2	26.1	74	21	0
LOWER EGYPT	136	DAMANHUR	00	7	28	5	0	0	—	10.0	29.8	66	23	0	01	7	28	2	1	5	8	10.6	25.2	84	22	0
	137	MANŞURA	00	8	28	2	1	0	—	9.2	32.5	51	21	0	00	6	02	2	0	0	—	10.6	25.5	80	22	0
	138	TANTA	00	8	28	3	0	0	—	10.0	33.0	50	21	0	01	8	20	1	1	5	8	10.2	26.4	78	22	0
	139	ZAGAZIG	00	6						9.2	32.8	64	25	0	00	6	32	2	0	0	—	10.2	26.8	71	21	0
		SHIBÎN EL KÔM	00	8	28	3	0	4w	8	9.6	33.9	38	18	0	00	7	28	2	0	0	—	10.3	26.7	68	20	0
		ISMAÏLÎA	01	7	28	1	1	3	5	8.4	33.4	34	15	0	00	7	02	1	0	0	—	9.4	27.0	71	21	0
CAIRO AREA	928	FAROUK(Airport)	00	7	28	4	0	0	—	9	32	43	18	0	00	7	30	4	0	0	—	10	28	62	20	0
	141	ALMÂZA	00	8	28	2	0	0	—	9	32	52	21	0	00	7	32	3	0	0	—	9.7	28.1	63	20	0
		EZBEKÎYA	00	8	02	1	0	0	—	9.1	32.4	50	20	0	00	7	30	1	0	0	—	10.6	27.1	70	21	0
		GÎZA	00	8	02	1	0	0	—	9.0	33.0	45	19	0	00	7	30	1	0	0	—	10.2	26.6	72	21	0
	143	HELWÂN	00	7	28	4	0	0	—	8.8	32.3	38	16	0	00	7	30	4	0	0	—	9.9	28.0	61	20	0
UPPER EGYPT	153	FAIYÛM	00	8	30	2	0	0	—	8.6	33.6	37	17	0	00	8	32	2	0	0	—	8.6	29.7	46	17	0
		BENI SUEF	00	9	02	1	0	0	—	8.6	35.4	38	19	0	00	9	02	1	0	0	—	9.6	28.4	63	20	0
	162	MINYA	00	8	02	4	0	0	—	8	34	41	19	0	00	7	00	0	0	0	—	9	27	58	18	0
	155	ASYÛT													00	6	26	1	0	0	—	8.7	29.1	34	12	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	—	5.6	38.0	22	13	0	00	8	00	0	0	0	—	6.7	29.0	39	14	0
	156	QENA	00	9	24	2	0	0	—	5.0	41.0	16	10	0	00	9	24	2	0	0	—	6.0	31.4	39	15	0
	157	LUXOR	00	8	28	1	0	0	—	5	40	10	2	0	00	7	00	0	0	0	—	6	33	16	4	0
	158	ASWÂN	00	9	32	2	0	0	—	5.4	39.3	18	11	0	00	9	00	0	0	0	—	6.3	36.0	33	17	0
OASES	148	SIWA	00	8	00	0	0	0	—	12.2	35.5	50	24	0	00	6	00	0	0	0	—	10.8	29.3	51	18	0
	149	BAHARÎYA	00	8	28	1	0	0	—	8.8	37.0	22	12	0	00	7	28	1	0	0	—	9.6	33.0	27	9	0
		FARAFRA													00	8	00	0	0	0	—	11.6		28.3	38		20		39	13	0	
	152	DAKHLA	00	9	32	3	0	0	—	8.0	35.8	17	7	0	00	8	00	0	0	0	—	9.2	31.9	25	9	0
	151	KHARGA	00	9	02	1	0	0	—	7.2	37.3	22	12	0	00	7	00	0	0	0	—	8.2	31.9	29	12	0
RED SEA	144	SUEZ	00	8	00	0	0	0	—	7.5	32.6	46	20	0	00	5	00	0	0	0	—	8.0	29.5	64	21	0
	145	TÛR	00	8	28	5	0	0	—	6.7	31.3	61	23	0	00		28	4	0	0	—	6.7	31.6	43	18	0
	163	HURGHÂDA	00	9	31	4	0	0	—	6	31	52	20	0	00	8	30	4	0	0	—	6	30	49	18	0
	147	QUSEIR	00	8	02	2	0	0	—	5.5	32.4	58	23	0	00	8	30	2	0	0	—	6.4	30.0	67	23	0
	208	PORT SÛDAN	01	8	08	4	1	3	8,4	2	39	45	25	0												
NORTH SÛDAN	165	WADI HALFA	01	8	28	4	1	5	1	7	39	11	3	0												
	166	KAREIMA	00	8	30	2	1	2	1	4	41	10	3	0												
	167	'ATBARA	00	8	32	3																				
	209	KHARTÛM	00	8	28	1	0	2	8	4	38	18	10	0												
	170	KASSALA	01	8	18	3	2	5	8,4	6				0												
CENTRAL SÛDAN	171	WAD MEDANI	01	8	20	2	1	3	7	6	36	37	19	0												
	182	RENK	01	9	20	3	1	7	1	10	30	70	24	0												
	172	ROSEIRES	01	8	18	2	2	3	8	9	28	66	21	0												
	174	EL OBEID	01	8	28	2	1	5	8	6	33	47	20	0												
	175	EL FÂSHER	01	8	04	3	0	5			35	34	15	0												
	179	GENEINA																								
S SÛDAN	176	MALAKÂL																								
	177	WÂU																								
	178	JUBA																								

AREA	STATION	At 0600 on WEDNESDAY 1st — PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE MAXIMUM Yesterday	TEMPERATURE MAXIMUM Diff. from norm.	TEMPERATURE MINIMUM Today	TEMPERATURE MINIMUM Diff. from norm.	HUMIDITY % UU	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1	STATION	AREA
		ww	V	DD	F	W		C	PPP		TT	T_xT_x		T_nT_n		UU						
MEDITERRANEAN	SIDI BARÂNI	00	9	28	3	0	1	8	12.3		25.2	28		22		73	20	0			SIDI BARÂNI	MEDITERRANEAN
	MATRÛH																				MATRÛH	
	EL DABA	01	7	24	2	1	7	8			26.8			20		78	23	0	117		EL DABA	
	ALEXANDRIA	01	9	32	2	2	5	8	11.8	-0.1	25.4	29	-1	23	0	69	19	0	209	186	ALEXANDRIA	
	FOUAD (Airport)	01	7	29	2	0	3	6	11.2		26	30		23		70	20	0	213	138	FOUAD (Airport)	
	DAMIETTA	01	8	26	2	1	5	6	10.4	-0.5	26.0	29		22		79	22	0	85	106	DAMIETTA	
	PORT SAÏD	01	7	26	2	1	5	6	11		27	29		25		70	21	0	56	81	PORT SAÏD	
	EL 'ARISH	02	9	20	3	2	9	6	10.0	-0.9	27.2	30	0	22	+2	69	21	0		94	EL 'ARISH	
LOWER EGYPT	DAMANHUR	01	7	28	3	1	3	8	11.0	-0.5	25.8	30	-2	20	0	78	22	0	105	101	DAMANHÛR	LOWER EGYPT
	MANŞURA	01	7	30	2	1	5	7,4	11.2	-0.2	26.5	33	-1	22	+2	73	21	0	73	55	MANŞURA	
	TANTA	00	8	24	1	0	0	—	11.5	-0.3	23.6	33	-1	19	0	85	21	0	26	44	TANTA	
	ZAGAZIG	02	6	24	2	0	9	8	11.5	-0.5	26.0	35	+1	22	+3	84	23	0	36	27	ZAGAZIG	
	SHIBÎN EL KÔM	00	7	02	2	0	0	—	11.5	-0.3	25.8	34		21		73	21	0	34		SHIBÎN EL KÔM	
	ISMAÏLÎA	01	6	26	1	1	5	6	10.4		28.2	35		24		58	19	0	21		ISMAÏLÎA	
CAIRO AREA	FAROUK(Airport)	00	7	28	3	2	2	8	10		25	34		23		74	20	0			FAROUK(Airport)	CAIRO AREA
	ALMÂZA	05	6	28	1	2	7	6	11.1		25.5	33		20		71	20	0	25		ALMÂZA	
	EZBEKÎYA	01	7	28	1	0	5	8	11.5	-0.1	26.4	33	-1	23	+2	68	20	0	32	26	EZBEKÎYA	
	GÎZA	01	7	28	1	0	2	8	11.0	-0.6	25.6	33	0	22	+3	73	21	0	31	27	GÎZA	
	HELWÂN	01	7	30	3	2	7	8	11.1	-0.2	24.3	33	-1	23	+2	75	19	0	19	29	HELWÂN	
UPPER EGYPT	FAIYÛM	01	8	02	2	1	7	8	11.2	-0.2	25.5	35	0	22	+2	74	20	0	11	8	FAIYÛM	UPPER EGYPT
	BENI SUEF	00	9	02	1	0	0	—	10.6		26.9	36		21		68	20	0	11		BENI SUEF	
	MINYA	00	7	02	3	0	0	—	11		24	35		21		84	21	0	12		MINYA	
	ASYÛT	00	7	26	1	0	0	—	10.4	+0.1	25.1	36	+1	21	-1	68	19	0	dr.	4	ASYÛT	
	NAG' HAMMÂDI	00	8	00	0	0	0	—	8.8	-0.5	28.3	38		20		58	19	0	0		NAG' HAMMÂDI	
	QENA	00	8	22	2	0	0	—	7.8	-0.8	27.8	42	+2	25	+2	48	16	0	5		QENA	
	LUXOR	00	8	00	0	0	0	—	8		32			24		34	14	0	dr.		LUXOR	
	ASWÂN	00	9	32	1	0	0	—	7.9	-0.6	29.3	41	+1	25	0	38	13	0	dr.		ASWÂN	
OASES	SIWA	00	7	00	0	0	0	—	13.2	-0.3	24.8	37	0	20	+1	77	21	0	23	8	SIWA	OASES
	BAHARÎYA	00	8	00	0	0	0	—	11.2	-1.0	24.5	37	+2	20	+1			0	18	7	BAHARIYA	
	FARAFRA	00	8	00	0	0	0	—	11.6		28.3	38		20		39	13	0			FARAFRA	
	DAKHLA	00	8	00	0	0	0	—	10.4	-0.7	28.7	37	-1	22	0	36	13	0	dr.		DAKHLA	
	KHARGA	00	9	02	1	0	0	—	9.4	-0.6		38	0	22	0	53		0	0		KHARGA	
RED SEA	SUEZ	01	6	00	0	1	3	8	9.6	-1.0	26.5	35	0	23	+1	65	19	0		17	SUEZ	RED SEA
	TÛR	00	8	28	3	0	0	—	7.6	-0.3	28.0	34	+1	26	+2	70	22	0	0	13	TOR	
	HURGHADA	00	9	30	3	0	0	—	7		27	32		25		79	23	0	1	3	HURGHADA	
	QUSEIR	00	8	32	3	0	0	—	7.0	-0.8	30.4	34	+1	27	+1	69	24	0	0	4	QUSEIR	
	PORT SUDAN																	0	292	106	PORT SUDAN	
NORTH SÛDAN	WADI HALFA																	0	tr.		WÂDI HALFA	NORTH SÛDAN
	KAREIMA																	0	tr.	26	KAREIMA	
	'ATBARA																	0	2	65	'ATBARA	
	KHARTÛM																	0	66	146	KHARTÛM	
	KASSALA																	0	154	268	KASSALA	
CENTRAL SÛDAN	WAD MEDANI																	0	278	336	WAD MEDANI	CENTRAL SÛDAN
	RENK																			430	RENK	
	ROSEIRES																	0	559	652	ROSEIRES	
	EL OBEID																	0	419	294	EL OBEID	
	EL FÂSHER																	0	126	281	EL FÂSHER	
	GENEINA																			496	GENEINA	
S SÛDAN	MALAKÂL																	15	719	697	MALAKAL	S SÛDAN
	WÂU																	0	779	940	WAU	
	JUBA																	2	791	857	JUBA	

HUMIDITY

Mean of day on 31st

STATION		Diff. from normal
Alexandria	79	+9
Ezbekiya	67	+4
Giza	69	+4
Helwân	65	+13

GIZA GRASS MINIMUM TEMP ON 1st 20.2 °C

Remarks

UPPER AIR OBSERVATIONS on 31st AUGUST

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT ON 31st AT 4

HEIGHT FEET	PRESSURE mb.	DRY °C	WET °C
SURFACE		31	26
500			
1000	983	31	23
1500	972	30	22
2000	954	28	22
4000	937	27	21
6000	920	27	19
8000	854	23	12
10000	800	20	8
12000	741	14	4
14000	683	13	2
16000	632	10	-1
18000	587	7	-3
20000	538	4	-2

FAROUK AIRPORT RAWINSONDE ON 1st AT 4

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		23	87	330	7
1000	290	24	85	330	7
950					
900	3260	17	75	360	5
850	4880	20	15	10	7
800	6570	15	25	360	8
700	10020	10		290	10
600	14380	3		260	21
500	19160	-13		240	52
400		-14			
300	31820	-28		250	49
250					
200					
150					
100					

STATION	Matruh				P. Said		Almaza		Minya					
TIME	14				14		15 15		15					
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	360	24			330	15	340	3	20	17				
500	350	13			310	13	330	9	10	22				
1000	340	8			330	14	330	13	10	20				
1500	310	16			320	12	330	9	360	26				
2000	270	26			330	11	40	7	340	23				
3000	300	21					280	10	320	24				
4000	220	3												
5000	280	14												
6000	300	9												
7000														
8000														

STATION														
TIME														
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200														
500														
1000														
1500														
2000														
3000														
4000														
5000														
6000														
7000														
8000														

UPPER AIR OBSERVATIONS on 1st

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			4 15				3 30		4				7		4				5 45		5		5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			340	12			290	10	350	6			20	9	20	15			340	10	10	8	40	7
500			340	10			320	6	20	3			360	6	20	16			350	9	350	27	60	3
1000			360	12					360	4			40	3	20	16			340	15	340	14	60	4
1500			330	10					10	6					20	16			330	16	260	10	330	13
2000			320	10					340	9									290	5	210	14	330	20
3000									290	9											220	5	350	19
4000									260	17													320	10
5000									240	27														
6000									250	29														
7000																								
8000																								

STATION	BAHARIYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME			5				8																	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			90	3			320	20																
500			60	7			300	16																
1000			10	16			340	31																
1500			330	10			330	19																
2000			310	10																				
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

LIBRARY MAR 7 1949 WEATHER BUREAU

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto cumulus	4
Alto stratus	5
Strato cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

WIND FORCE (F)

	KPH	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

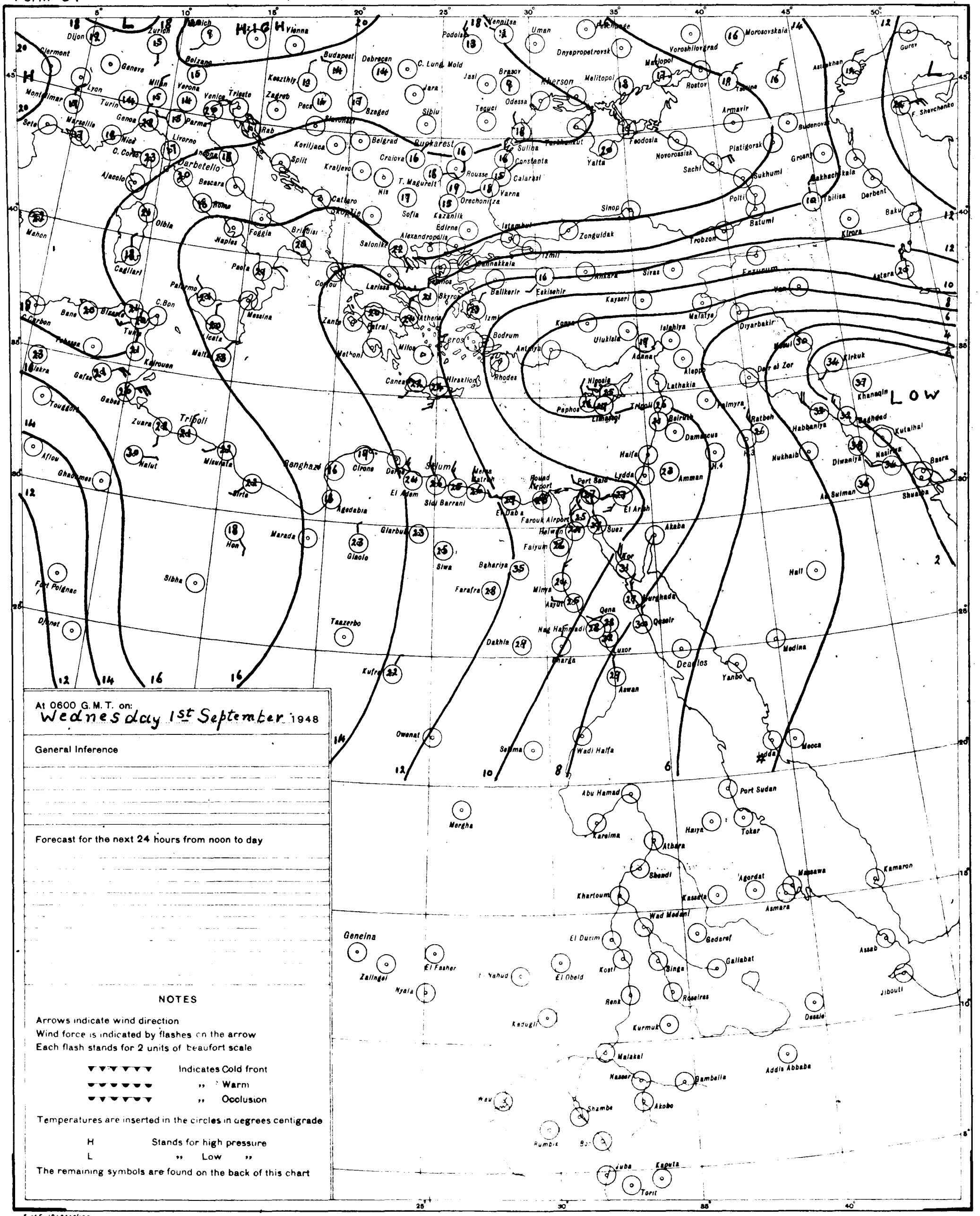
Use Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
Wednesday 1st September 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼ Indicates Cold front
▬▬▬▬▬▬ ,, Warm
▼▼▼▼▼▼ ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 28 G.M.T.
" " Sunset 16 17 G.M.T.

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

Form 91

DAILY WEATHER REPORT

Date : THURSDAY . 2 ND SEPTEMBER , 1948.

At 1200 on WEDNESDAY 1ST

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARANI												
	160	MATRUH												
	134	EL DABA	00	8	28	3	0	0	-		27.4	83	24	0
	132	ALEXANDRIA	01	9	28	13	2	3	8	11.4	26.6	64	12	0
	150	FOUAD (Airport)	01	7	27	3	0	3	6	11.3	28	62	20	0
	159	DAMIETTA	00	8	28	4	1	1	8	10.0	26.9	74	22	0
	161	PORT SAÏD	00	8	31	4	0	1	6	10	27	70	21	0
	135	EL 'ARISH	00	9	28	4	0	0	-	9.8	29.3	63	21	0
LOWER EGYPT	136	DAMANHUR	00	7	28	3	0	0	-	11.8	28.8	63	21	0
	137	MANSURA	00	8	32	2	1	0	-	10.6	30.8	53	20	0
	138	TANTA	00	8	32	2	0	0	-	11.1	31.4	45	18	0
	139	ZAGAZIG	00	6	24	2	0	0	-	9.1	32.4	54	21	0
		SHIBIN EL KÔM	00	8	02	3	0	0	-	10.7	33.2	40	13	0
		ISMAÏLIA	01	8	30	1	1	3	6	9.1	34.0	38	18	0
CAIRO AREA	928	FAROUK(Airport)	00	8	28	4	0	0	-	10	32	42	18	0
	141	ALMAZA	00	7	30	2	1	0	-	9.6	31	44	18	0
		EZBEKÍYA	00	8	30	2	0	0	-	10.2	31.8	47	19	0
		GÍZA	00	8	30	2	0	0	-	9.9	32.0	42	18	0
	143	HELWÂN	00	7	29	5	0	0	-	9.5	31.2	42	17	0
UPPER EGYPT	153	FAIYÚM	00	8	02	3	0	0	-	9.4	33.0	37	16	0
		BENI SUEF	00	9	02	1	0	0	-	7.6	34.7	38	18	0
	162	MINYA	00	8	02	3	0	0	-	9	33	41	18	0
	155	ASYÚT	00	8	28	2	0	0	-	8.7	34.0	28	12	0
	164	NAG' HAMMÁDI	00	9	28	2	0	0	-	6.0	37.0	24	15	0
	156	QENA	00	9	26	2	0	0	-	5.4	40.0	18	12	0
	157	LUXOR	00	8	29	3	0	0	-	6	39	12	05	0
	158	ASWÂN	00	9	04	2	0	0	-	6.2	38.8	21	13	0
OASES	148	SIWA	00	8	28	2	0	0	-	12.6	35.6	44	22	0
	149	BAHARÍYA	00	8	32	1	0	0	-	9.9	35.0	24	12	0
		FARAFRA	00	3	32	1	0	0	-	10.0	35.4	24	12	0
	152	DAKHLA	00	9	28	1	0	0	-	8.9	35.7	22	11	0
	151	KHARGA	00	9	02	2	0	0	-	8.0	36.4	32	17	0
RED SEA	144	SUEZ	00	8	32	2	0	0	-	8.3				0
	145	TÓR	00	8	28	5	0	0	-	7.2	30.0	68	23	0
	163	HURGHÂDA	00	7	30	5	0	0	-	6	30	66	23	0
	147	QUSEIR	00	9	32	2	0	0	-	6.7	32.0	72	26	0
	208	PORT SÚDAN	02	7	06	4	1	8	2,1		37	42	22	0
N. SUDAN	165	WADI HALFA												
	166	KAREIMA												
	167	ATBARA												
	209	KHARTÚM												
	170	KASSALA												
CENTRAL SUDAN	171	WAD MEDANI												
	182	RENK	01	9	20	3	1	7	2	10	30	66	23	0
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FASHER												
	179	GENEINA	01	8	15	1	1	7	2,4	8,4	31	41	16	0
S. SUDAN	176	MALAKÁL												
	177	WÂU												
	178	JUBA												

At 1800 on 1ST

PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
ww	V	DD	F	W		C	PPP	TT	UU		
00	8	30	2	0	0	-	12.7	24.6	74	20	0
00	5	32	2	0	0	-	12.8	24.6	77	21	0
00	7	00	0	0	0	-	11.9	24	77	20	0
00	7	28	3	1	0	-	11.2	24.5	83	21	0
00	7	31	3	0	2	6	11	26	74	21	0
00	9	32	3	0	0	-	10.3	26.2	73	21	0
00	8	30	2	0	0	-	12.2	23.4	78	19	0
00	6	32	2	0	0	-	11.6	24.4	77	20	0
01	8	00	0	1	5	8	11.8	25.0	71	19	0
00	6	24	2	0	0	-	11.4	25.4	76	20	0
00	7	02	2	0	0	-	11.2	26.7	68	21	0
00	7	02	1	0	0	-	10.8	26.0	70	20	0
00	7	32	4	0	0	-	11	27	60	19	0
00	7	02	3	0	0	-	11.0	27.5	55	17	0
00	7	02	1	0	0	-	11.5	26.1	67	19	0
00	7	02	1	0	0	-	11.0	26.8	63	19	0
00	7	32	5	0	0	-	11.1	27.1	56	17	0
00	8	32	2	0	0	-	9.8	29.0	53	18	0
00	9	02	1	0	0	-	10.0	28.2	55	18	0
00	7	00	0	0	0	-	10	26	66	19	0
00	6	30	1	0	0	-	9.8	28.0	39	13	0
00	8	00	0	0	0	-	9.8	28.0	37	12	0
00	6	24	2	0	0	-	6.8	32.3	27	10	0
00	7	26	1	0	0	-	8	32	21	07	0
00	9	32	1	0	0	-	7.1	36.0	17	05	0
00	6	00	0	0	0	-	11.9	30.5	62	22	0
00	7	32	1	0	0	-	10.6	29.3	33	11	0
00	8	00	0	0	0	-	9.5	32.0	28	11	0
00	7	32	2	0	0	-	8.4		26		0
00	8	32	3	0	0	-	10.4	26.9	68	20	0
00	8	28	3	0	0	-	7.1	33.5	62	25	0
00	7	28	1	0	0	-	8	30	43	16	0
00	8	32	2	0	0	-	7.0	29.7	63	22	0

UPPER AIR OBSERVATIONS on 1ST

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT — ON 1st AT 15 30

HEIGHT FEET	PRESSURE mbs	DRY °C	WET °C
SURFACE	1000	31	24
500	982	28	22
1000	964	28	21
1500	947	27	19
2000	930	24	19
4000	864	20	12
6000	807	17	7
8000	743	13	2
10000	685	12	1
12000	631	7	-2
14000	582	5	-2
16000	532	1	-2
18000	499	-1	-3
20000	460	-3	-3

FAROUK AIRPORT — RAWINSONDE — ON ___ AT ___

PRESSURE mbs	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					
250					
200					
150					
100					

STATION	FOUAD AP		P. SAÏD		MINYA	
TIME	15		14 45		15	
HEIGHT m.	DD	VV	DD	VV	DD	VV
200	340	12	330	16	10	16
500	340	16	320	17	20	13
1000	330	23	320	17	20	19
1500	320	23			330	24
2000	326	21			340	26
3000	ENT. Sc					
4000						
5000						
6000						
7000						
8000						

STATION						
TIME						
HEIGHT m.	DD	VV	DD	VV	DD	VV
200						
500						
1000						
1500						
2000						
3000						
4000						
5000						
6000						
7000						
8000						

HUMIDITY

Mean of day

STATION	on 1ST	Diff. from normal
Alexandria	71	+1
Ezbekiya	61	- 2
Giza	63	- 2
Helwân	62	+10

GIZA

GRASS MINIMUM TEMP.

ON 2ND 14.5 °C

Remarks

At 0600 on THURSDAY 2ND

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. MAXIMUM Yesterday	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms Past 24 hrs	RAINFALL mms Total From Oct. 1	RAINFALL mms Norm. From Oct. 1
			ww	V	DD	F	W		C	PPP		TT	$T_x T_x$		$T_n T_n$		UU				
MEDITERRANEAN		SIDI BARANI																			
		MATRUH																			
		EL DABA																			
		ALEXANDRIA	01	8	20	3	1	2	4,3	9		33					20	07	0	tr	26
		FOUAD (Airport)	05	5	22	3	4	9	6	6		33					21	08	tr	2	65
		DAMIETTA	00	8	16	4	1	1	4	12		26					70	20	0	154	270
		PORT SAÏD																	0	278	339
		EL 'ARISH																		434	
																				559	659
			01	8	22	4	1	7	2	13		26					70	20	0	419	298
																				126	285
																					503
LOWER EGYPT		DAMANHUR	61	8	12	1	8	10	6,4	14		23					94	22	tr	219	303
		MANSURA	01	8	16	1	1	5	4	14		26					94	25	0	229	346
		TANTA	02	8	00	0	1	8	6,4	15		23					89	21	0	191	260
		ZAGAZIG																			
		SHIBIN EL KÔM																			
		ISMAÏLIA																			
CAIRO AREA		FAROUK(Airport)																			
		ALMAZA																			
		EZBEKÍYA																			
		GÍZA																			
		HELWÂN																			
UPPER EGYPT		FAIYÚM																			
		BENI SUEF																			
		MINYA																			
		ASYÚT																			
		NAG' HAMMÁDI																			
		QENA																			
		LUXOR																			
		ASWÂN																			
OASES		SIWA																			
		BAHARÍYA																			
		FARAFRA																			
		DAKHLA																			
		KHARGA																			
RED SEA		SUEZ																			
		TÓR																			
		HURGHÂDA																			
		QUSEIR																			
		PORT SÚDAN																			
N. SUDAN		WADI HALFA																			
		KAREIMA																			
		ATBARA																			
		KHARTÚM																			
		KASSALA																			
CENTRAL SUDAN		WAD MEDANI																			
		RENK																			
		ROSEIRES																			
		EL OBEID																			
		EL FASHER																			
		GENEINA																			
S. SUDAN		MALAKÁL																			
		WÂU																			
		JUBA																			

UPPER AIR OBSERVATIONS on 2ND

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARANI		MATRÚH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMAZA		HELWÂN		MINYA		ASYÚT		LUXOR		ASWÂN		SIWA	
TIME			4		3								06 45		3 30				6		6		5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			300	11	200?	3							290	2	10	21			330	11	350	14	70?	6
500			310	10	180?	5							60	10	360	20			330	6	330	22	160?	10
1000			300	11	190?	3							350	17	340	19			350	8	350	14	180?	11
1500					260	22							360	17	350	15			350	9	250	8	270	10
2000													350	17	340	10					270	10	280	10
3000													460	10							230	10	280	10
4000													250	22										
5000													200	17										
6000																								
7000																								
8000																								

STATION	BAHARÍYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÚM		KASSALA		EL OBEID		EL FASHER		MALAKÁL	
TIME			5				8																	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			340	1			320	33																
500			20	2			300	34																
1000			10	13			320	49																
1500			330	16																				
2000			320	26																				
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	57
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	91-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	KPH	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

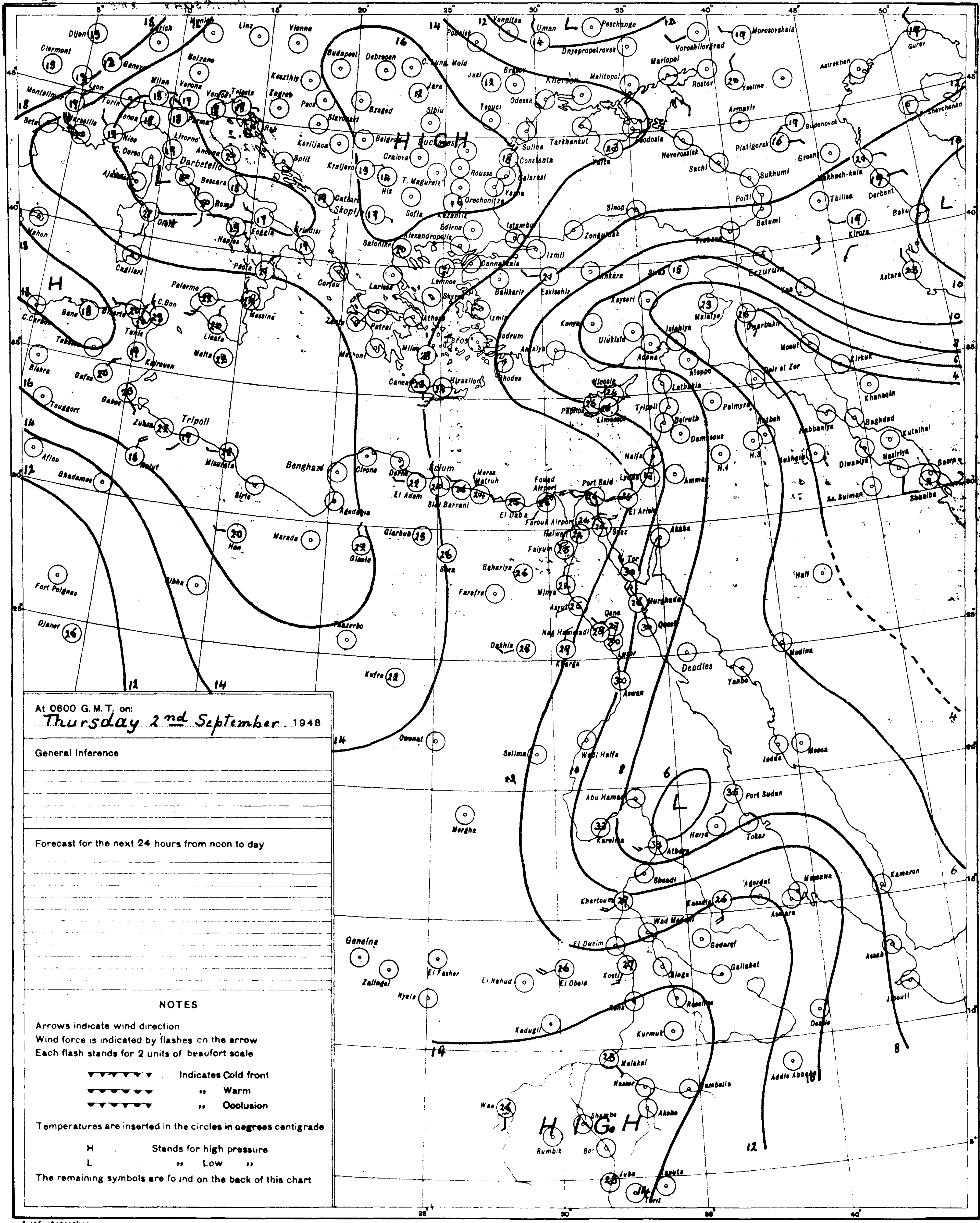
is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:

Thursday 2nd September 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼ Indicates Cold front
◓◓◓◓◓◓ ,, Warm
▼◓▼◓▼◓ ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 3 33 G.M.T.
" " Sunset 16 15 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date : FRIDAY 3rd SEPTEMBER , 1948.

AREA	INDEX NUMBER	STATION	At 1200 on THURSDAY 2nd: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C. TT	HUMIDITY % UU	DEW POINT °C.	RAIN 6-12 G.M.T. mms	At 1800 on THURSDAY 2nd: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C TT	HUMIDITY % UU	DEW POINT °C.	RAIN 12-18 G.M.T. mms	At 0600 on FRIDAY 3rd: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESSURE M.S.L. mbs. PPP	Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb TT	MAXIMUM Yesterday TxTx	MAXIMUM Diff. from norm.	MINIMUM Today TnTn	MINIMUM Diff. from norm.	HUMIDITY % UU	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct 1	RAINFALL mms. Norm. From Oct 1	STATION	AREA
MEDITERRANEAN	146	SIDI BARÂNI	01	9	28	4	0	3	8	12.8	27.2	61	19	0	01	8	30	2	1	3	9	13.6	24.4	74	19	0	01	9	24	2	1	5	8	14.0		25.5	28		18		67	19	0			SIDI BARÂNI	MEDITERRANEAN
	160	MATRÛH																									01	8	29	1	0	5	6	14		24			20		69	18	0			MATRÛH	
	134	EL DABA	01	8	28	3	1	5	8		28.3	76	23	0													01	7	00	0	1	7	8	13.2		23.0			19		68	17	0	17		EL DABA	
	132	ALEXANDRIA	01	9	26	4	2	5	8	12.6	27.4	67	20	0	00	5	08	2	0	0	—	13.1	25.2	69	19	0	01	9	32	2	1	5	8	13.5	+1.3	25.4	29	-1	23	0	64	18	0	209	186	ALEXANDRIA	
	150	FOUAD (Airport)	01	7	27	2	0	5	8	12.9	28	70	22	0	00	7	00	0	0	0	—	13.4	25	74	20	0	01	7	00	0	0	3	8	13.5		26	30		19		70	20	0	213	138	FOUAD (Airport)	
	159	DAMIETTA	01	8	28	3	1	3	8	11.1	28.5	69	22	0	00	6	28	2	1	1	8	12.6	25.0	84	22	0	01	8	20	2	1	5	9	12.4	+1.2	25.8	30		20		76	21	0	85	106	DAMIETTA	
	161	PORT SAÏD	00	8	01	2	0	4	6	12	28	62	20	0	00	7	31	3	0	0	—	13	26	70	20	0	01	7	27	2	0	3	6	13		26	30		24		66	19	0	56	81	PORT SAÏD	
	135	EL ʿARISH	00	9	28	3	0	0	—	12.0	26.9	86	24	0	00	9	32	3	0	0	—	12.3	25.7	81	22	0	00	9	16	3	0	0	—	12.4	+1.2	23.3	29	-1	20	0	74	18	0		94	EL ʿARISH	
LOWER EGYPT	136	DAMANHUR	01	6	32	3	0	3	8	13.1	31.0	58	22	0	00	6	32	2	0	0	—	13.3	24.5	86	21	0	01	6	28	2	1	5	8	13.8	+2.0	25.2	32	0	20	0	81	21	0	105	101	DAMANHÛR	LOWER EGYPT
	137	MANṢURA	01	8	32	2	1	5	8	12.2	32.0	46	19	0	00	6	32	2	1	0	—	13.1	25.0	74	20	0	01	8	24	2	1	3	8	13.0	+1.4	26.5	33	-1	21	+1	70	20	0	73	55	MANṢÛRA	
	138	ṬANṬA	01	8	24	1	1	3	8	12.6	32.5	43	18	0	01	8	28	1	1	5	8	13.9	25.4	70	19	0	01	8	24	1	1	5	8	13.9	+1.9	26.0	33	-1	18	-1	66	19	0	26	44	ṬANṬA	
	139	ZAGAZIG	00	6	32	2	0	0	—	11.4	31.2	59	22	0	00	6	24	2	0	0	—	12.7	26.2	74	21	0	01	6	24	2	1	5	8	12.8	+0.5	27.4	34	0	20	+1	70	21	0	36	27	ZAGAZIG	
		SHIBÎN EL KÔM	00	8	30	3	0	0	—	12.7	32.4	44	18	0	00	7	28	2	0	0	—	13.4	28.2	63	20	0	00	7	28	2	0	0	—	13.4	+1.4	25.7	34		20		73	21	0	34		SHIBÎN EL KÔM	
		ISMAÏLÍA	01	8	30	1	1	5	6	11.0	33.5	30	14	0	00	8	32	1	0	0	—	12.6	26.8	66	20	0	01	7	32	1	1	3	6	12.6		28.7	35		22		62	21	0	21		ISMAÏLÍA	
CAIRO AREA	928	FAROUK(Airport)	00	8	26	4	0	0	—	12	32	38	16	0	00	7	32	4	0	0	—	12	28	55	18	0	00	7	32	2	0	0	—	13		25	33		21		70	19	0			FAROUK(Airport)	CAIRO AREA
	141	ALMÂZA	00	7	30	2	0	0	—	12	32	39	15	0	00	7	02	3	0	0	—	12.5	29.0	46	16	0	00	7	04	1	0	0	—	13.0	+1.2	25.0	32		20		68	19	0	25		ALMÂZA	
		EZBEKÎYA	00	8	30	1	0	0	—	11.6	32.0	43	18	0	00	7	32	1	0	0	—	13.0	27.3	62	19	0	00	7	02	1	0	0	—	13.2	+1.4	25.0	33	0	21	0	74	20	0	32	26	EZBEKÎYA	
		GÎZA	00	8	30	1	0	0	—	11.2	32.2	38	16	0	00	7	32	1	0	0	—	12.8	28.1	56	18	0	00	7	02	1	0	0	—	13.1	+1.3	25.1	33	0	19	0	71	19	0	31	27	GÎZA	
	143	HELWÂN	00	7	26	5	0	0	—	11.2	31.2	26	9	0	00	7	30	2	0	0	—	11.9	29.0	43	15	0	00	7	30	3	0	0	—	12.8	+1.3	25.0	33	-1	21	0	68	19	0	19	29	HELWÂN	
UPPER EGYPT	153	FAIYÛM	00	8	02	2	0	0	—	11.4	33.2	28	12	0	00	8	02	1	0	0	—	10.7	27.8	53	17	0	00	8	32	2	0	0	—	13.0	+1.4	25.5	34	-1	21	+1	69	20	0	11	8	FAIYÛM	UPPER EGYPT
		BENI SUEF	00	9	02	2	0	0	—	11.0	35.1	24	12	0	00	9	02	1	0	0	—	11.8	26.4	57	17	0	00	9	02	1	0	0	—	12.7		26.7	35		19		59	18	0	11		BENI SUEF	
	162	MINYA	00	8	01	4	0	0	—	11	34	32	15	0	00	7	03	1	0	0	—	11	25	58	16	0	00	7	01	2	0	0	—	12		25	34		18		74	20	0	12		MINYA	
	155	ASYÛT	00	8	26	1	0	4	5		18			0	00	6	30	1	0	0	—	10.8	29.2	39	14	0	00	7	22	1	0	0	—	11.9	+1.4	27.2	35	0	21	-1	42	13	0	dr.	4	ASYÛT	
	164	NAG' HAMMÂDI	00	8	24	1	0	0	—	8.3	36.0	35	13	0	00	8	00	0	0	0	—	9.1	27.4	49	15	0	00	8	00	0	0	0	—			28.8	36		20		49	17	0	0		NAG' HAMMÂDI	
	156	QENA	00	9	24	2	0	0	—	7.0	38.3	23	13	0	00	6	24	2	0	0	—	7.4	31.0	32	13	0	00	8	24	2	0	0	—	10.3	+1.5	27.2	40	0	23	0	50	15	0	5		QENA	
	157	LUXOR	00	8	30	3	0	0	—	8	38	16	8	0													00	8	00	0	0	0	—	10		30			21		31	11	0	dr.		LUXOR	
	158	ASWÂN	01	9	32	1	0	7	1	7.2	37.8	22	13	0	00	9	32	1	0	0	—	8.3	35.0	19	8	0	00	9	02	2	0	0	—	9.6	+1.0	28.4	40	0	24	-1	38	12	0	dr.		ASWÂN	
OASES	148	SIWA	00	8	24	2	0	0	—	11.6	36.7	36	20	0	00	6	00	0	0	0	—	11.6	32.7	58	24	0	00	7	00	0	0	0	—	14.3	+0.5	25.7	38	+2	20	+1	81	22	0	23	8	SIWA	OASES
	149	BAHARÎYA	00	8	28	2	0	0	—	10.7	36.0	23	11	0	00	7	32	1	0	0	—	12.2	30.0	36	13	0	00	8	28	1	0	0	—	12.8	+0.4	26.0	37	+2	21	+2	69	20	0	18	7	BAHARIYA	
		FARAFRA																																												FARAFRA	
	152	DAKHLA	00	9	28	2	0	0	—	10.5	34.2	21	9	0	00	8	00	0	0	0	—	9.6	32.0	27	10	0	00	8	00	0	0	0	—	12.0	+0.7	25.2	36	-2	19	-3	36	9	0	dr.		DAKHLA	
	151	KHARGA	00	9	02	2	0	0	—	9.6	35.6	28	15	0	00	7	02	1	0	0	—	9.6	31.6	23	9	0	00	9	02	2	0	0	—	11.2	+1.0	29.8	36	-2	26	+4	36	13	0	0		KHARGA	
RED SEA	144	SUEZ	00	8	32	1	0	0	—	9.2	33.2	24	10	0	00			28	3	0	0	—	10.7	29.9	42	16	0	00	8	32	1	0	0	—	11.6	+0.8	26.3	35	0	21	-1	72	20	0		17	SUEZ	RED SEA
	145	TÛR	00	8	28	5	0	0	—	8.7	30.0	61	22	0	00	8	28	4	0	0	—	8.7	31.0	63	23	0	00	8	28	2	0	0	—				33	0						0	13	TÛR	
	163	HURGHÂDA	00	9	32	5	0	0	—	8	31	49	19	0	00	8	30	2	0	0	—	8	30	49	18	0	00	9	29	3	0	0	—	10		29	31		24		55	19	0	1	3	HURGHADA	
	147	QUSEIR	00	7	02	2	0	0	—	8.4	32.0	64	24	0	00	8	08	2	0	0	—	8.8	29.4	72	23	0	00	8	32	6	0	0	—	8.7	+0.6	30.7	33	0	26	0	56	21	0	0	4	QUSEIR	
	208	PORT SÛDAN	00	8	06	3	0	4	8	4	37	48	24	0																													0	292	106	PORT SUDAN	
N SÛDAN	165	WADI HALFA																																							0	4.		WÂDI HALFA	N SÛDAN
CENTRAL SÛDAN	166	KAREIMA	01	8	02	3	0	8	1	4	42			0																											0	4.	36	KAREIMA	CENTRAL SÛDAN
	167	ʿATBARA	00	7	18	2	0	0	—	3	42	17	12	0																													0	2	65	ʿATBARA	
	209	KHARTÛM	02	8	22	4	1	10	2	6	38	25	15	0																													0	66	147	KHARTÛM	
	170	KASSALA	01	8	18	2	1	8	8,4	7	36	40	20	0																													0	154	272	KASSALA	
S SÛDAN	171	WAD MEDANI	01	8	20	3	1	3	7	8	34	41	19	0																													0	278	342	WAD MEDANI	S SÛDAN
	182	RENK	01	9	20	2	1	7	1		31	59	22	0																															437	RENK	
	172	ROSEIRES	05	6	20	2	2	10	7,5	8			22	0																													0	559	667	ROSEIRES	
	174	EL OBEID	01	8	24	4	1	7	8,4	9	32	43	18	0																													0	419	301	EL OBEID	
	175	EL FÂSHER	01	8	00	0	0	3	8		34	39	18	0																													0	126	288	EL FÂSHER	
	179	GENEINA	02	8	29	2	1	10	6,4		31	49	19	0																															509	GENEINA	
	176	MALAKÂL																																							0	719	709	MALAKAL	
	177	WÂU	02	8	24	1	1	8	8,4	10	32	52	21	0																													25	804	952	WAU	
	178	JUBA																																							0	791	864	JUBA	

HUMIDITY

Mean % of day

STATION	on 2nd	Diff. from normal
Alexandria	72	+2
Ezbekiya	60	-3
Giza	61	-4
Helwân	54	+1

GRASS MINIMUM TEMP

ON 3rd 15.8 °C

Remarks

UPPER AIR OBSERVATIONS on 2nd

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT — ON 2nd AT 15

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C
SURFACE	1002	31	24
500	984	31	21
1000	966	29	20
1500	949	28	19
2000	932	26	18
4000	865	21	14
6000	803	16	9
8000	744	14	6
10000	689	13	2
12000	637	9	-1
14000	589	4	-4
16000	543	0	-4
18000	500	-2	-5
20000	460	-4	-7

FAROUK AIRPORT — RAWINSONDE — ON 3rd AT 4

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		21	79	330	3
1000	340	21	75	330	3
950					
900	3300	15	55		
850	4880	14	65		
800	6540	11	45		
700	10150	6			
600	14260	1			
500	18990	-6			
400		-16			
300	31680	-28			
250					
200	40800	-45			
150	54080	-66			
100					

STATION			P. Said			Minya						
TIME			14 30			15						
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			330	11			20	16				
500			300	12			10	17				
1000			290	14			10	16				
1500			280	20			10	20				
2000			290	12			360	3.				
3000												
4000												
5000												
6000												
7000												
8000												

STATION												
TIME												
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200												
500												
1000												
1500												
2000												
3000												
4000												
5000												
6000												
7000												
8000												

UPPER AIR OBSERVATIONS on 3rd

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMAZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			4 30		3 30		4 15				4				3				5 15				5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			340	9	320	7	290	6			320	15			80	10			350	12			100	12
500			340	10	320	5	290	4			320	8			50	19			360	17			110	10
1000			340	10	330	5	300	9			300	7			10	14			360	24			40	10
1500			320	11	290	19	330	13			290	10			320	19							340	14
2000			310	13			300	19							310	26							340	12
3000			270	17			290	22															360	14
4000							290	19															320	29
5000							260	20																
6000							260	27																
7000																								
8000																								

STATION	BAHARIYA		DAKHLA		KHARGA		HURGHADA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME			5																					
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			300	3																				
500			290	3																				
1000			10	6																				
1500			330	11																				
2000			330	14																				
3000			310	10																				
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto cumulus	4
Alto stratus	5
Strato-cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

WIND FORCE (F)

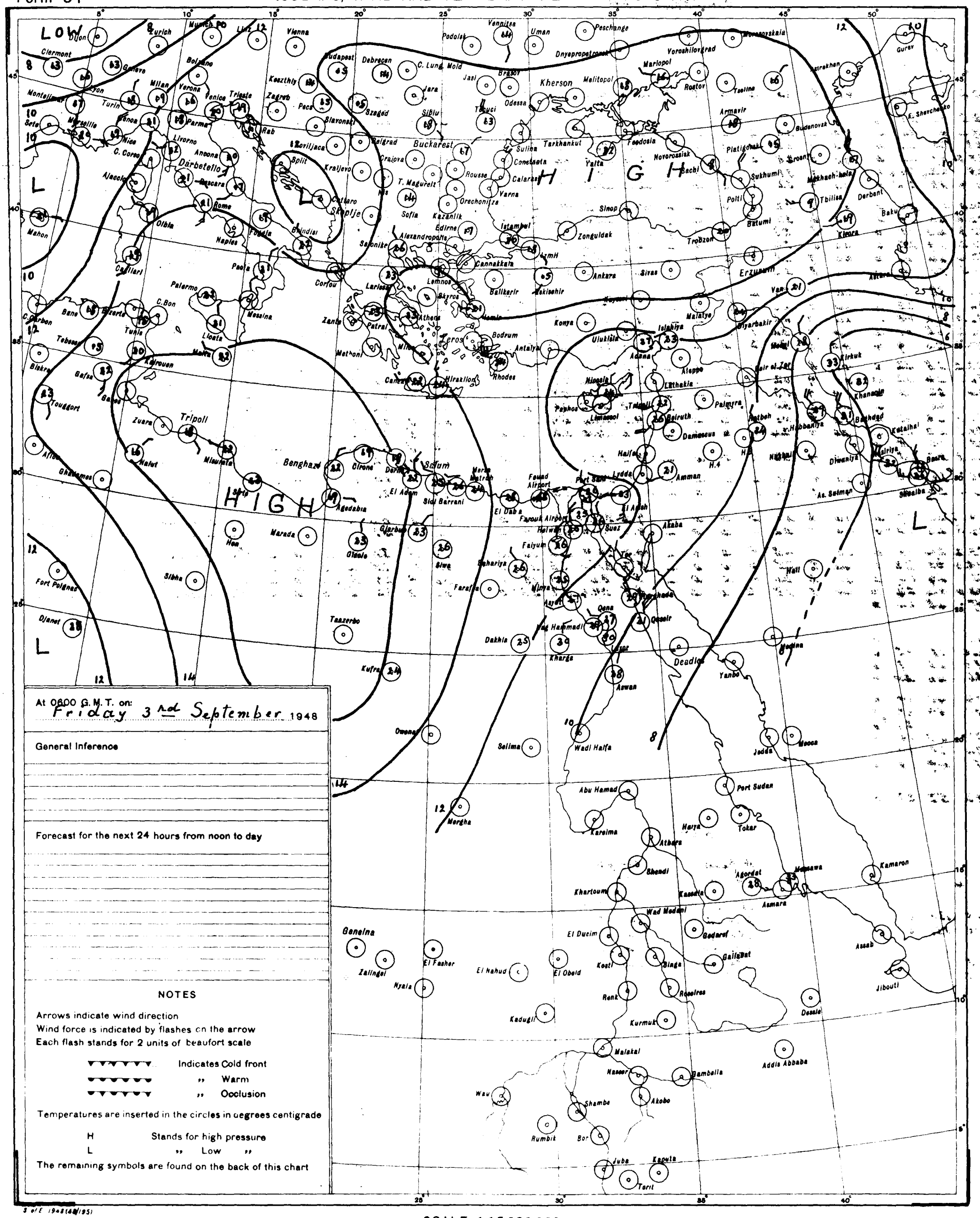
	KPH	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: Friday 3rd September 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

S of E 1948 (48/195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03.33 G.M.T.
" " Sunset 16.14 G.M.T.

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

DAILY WEATHER REPORT

Form 91

Date : SATURDAY 4th SEPTEMBER , 1948.

At 1200 on FRIDAY 3rd

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	00	9	30	4	0	1	8	14.4	27.2	60	19	0
	160	MATRÛH												
	134	EL DABA												
	132	ALEXANDRIA	01	9	28	2	2	3	8	13.5	28.0	52	17	0
	150	FOUAD (Airport)	00	7	29	2	0	2	8	13.5	27	58	18	0
	159	DAMIETTA	00	8	28	4	1	0	-	12.2	26.9	62	19	0
	161	PORT SAÏD	00	8	31	4	0	6	8	13	27	62	19	0
	135	EL 'ARISH	00	9	28	4	0	0	-	11.9	26.8	86	24	0
LOWER EGYPT	136	DAMANHUR	00	7	32	3	0	0	-	13.9	29.0	52	18	0
	137	MANŞURA	01	8	32	2	1	5	8	12.4	30.5	40	15	0
	138	TANTA	01	8	24	2	1	5	8	12.-	31.4	41	16	0
	139	ZAGAZIG	01	6	24	2	1	5	8	12.5	31.2	56	21	0
		SHIBÎN EL KÔM	01	8	28	3	1	5	8	12.4	33.3	40	18	0
		ISMAÏLÍA	01	7	36	2	1	7	6	12.4	33.5	35	16	0
CAIRO AREA	928	FAROUK(Airport)	01	8	26	4	0	3	8	12	30	39	15	0
	141	ALMÂZA	00	8	30	2	0	4	-	11.7	30.5	39	15	0
		EZBEKÍYA	00	8	32	2	0	0	-	12.0	31.6	40	17	0
		GÎZA	00	8	32	2	0	0	-	12.2	31.2	37	15	0
	143	HELWÂN	00	7	28	4	0	0	-	11.2	30.7	39	15	0
UPPER EGYPT	153	FAIYÛM	00	8	30	2	0	1	8	11.2	32.5	36	15	0
		BENI SUEF	00	9	02	1	0	0	-	7.8	35.4	37	18	0
	162	MINYA	00	8	02	3	0	0	-	11	34	36	17	0
	155	ASYÛT												
	164	NAG' HAMMÂDI	00	8	28	1	0	0	-	7.9	36.7	31	17	0
	156	QENA	00	9	26	2	0	0	-	7.1	40.0	21	14	0
	157	LUXOR	00	8	29	3	0	0	-	7	38	14	06	0
	158	ASWÂN	00	9	32	2	0	0	-	7.8	37.8	20	12	0
OASES	148	SIWA	00	8	28	3	0	0	-	13.8	34.0	51	22	0
	149	BAHARÎYA	00	8	24	1	0	0	-	11.2	35.3	27	13	0
		FARAFRA												
	152	DAKHLA	00	9	28	1	0	0	-	10.3	35.0	23	11	0
	151	KHARGA	00	9	30	2	0	0	-	9.2	35.9	22	11	0
RED SEA	144	SUEZ	00	8	32	2	0	0	-	9.5	31.8	38	16	0
	145	TÛR	00	8	23	5	0	0	-	8.3	31.7	45	18	0
	163	HURGHÂDA	00	9	31	4	0	0	-	7	31	59	22	0
	147	QUSEIR	00	8	02	3	0	0	-	9.0	32.0	62	24	0
	208	PORT SÛDÂN	02	7	08	4	1	8	8,4	3	37	48	24	0
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA	01	7	24	2	1	5	4					0
	167	'ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÛDÂN	171	WAD MEDANI	01	8	18	3	0	5	8	3				0
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID	01	8	28	3	2	5	-	7	33	48	20	0
	175	EL FÂSHER												
	179	GENEINA	01	8	28	2	9	3	8		31	49	19	0
S. SÛDÂN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 1800 on 3rd

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L.* mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	00	8	30	3	0	0	-	14.6	24.2	74	19	0
	160	MATRÛH												
	134	EL DABA												
	132	ALEXANDRIA	01	6	30	2	0	0	-	14.4	26.0	59	17	0
	150	FOUAD (Airport)	00	7	29	1	0	0	-	13.9	24	69	18	0
	159	DAMIETTA	00	7	28	2	0	0	-	12.8	24.2	74	19	0
	161	PORT SAÏD	00	7	29	3	0	0	-	13.	24	58	16	0
	135	EL 'ARISH	00	9	28	3	0	2	8	12.4	25.2	88	23	0
LOWER EGYPT	136	DAMANHUR	00	7	32	3	0	0	-	13.9	23.5	81	20	0
	137	MANŞURA	00	6	04	2	1	0	-	13.8	24.2	76	18	0
	138	TANTA	00	8	24	1	1	0	-	13.0	23.0	76	18	0
	139	ZAGAZIG	00	6	32	2	0	0	-	12.7	25.4	78	21	0
		SHIBÎN EL KÔM	00	8	30	2	0	0	-	13.2	26.8	68	21	0
		ISMAÏLÍA	00	7	02	2	0	0	-	12.4	28.0	51	17	0
CAIRO AREA	928	FAROUK(Airport)	00	7	32	4	0	0	-	12	27	53	16	0
	141	ALMÂZA	00	7	02	3	0	0	-	13.0	26.3	49	14	0
		EZBEKÍYA	00	7	02	1	0	0	-	13.1	25.7	60	17	0
		GÎZA	00	7	02	1	0	0	-	12.8	26.6	55	16	0
	143	HELWÂN	00	7	28	4	0	0	-	12.7	26.8	47	15	0
UPPER EGYPT	153	FAIYÛM	00	8	32	2	0	0	-	11.8	28.1	51	17	0
		BENI SUEF	00	9	02	1	0	0	-	12.2	27.4	53	16	0
	162	MINYA	00	7	02	3	0	0	-	10	28	45	15	0
	155	ASYÛT	00	6	30	1	0	0	-	9.8	29.1	39	14	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	8.4	28.9	48	17	0
	156	QENA	00	6	24	2	0	0	-	7.5	32.2	27	12	0
	157	LUXOR	00	7	26	1	0	0	-	8	33	23	09	0
	158	ASWÂN												
OASES	148	SIWA	00	6	00	0	0	0	-	14.2	27.2	61	19	0
	149	BAHARÎYA												
		FARAFRA	00	7	28	2	0	0	-	12.2	29.2	33	11	0
	152	DAKHLA	00	8	00	0	0	0	-	10.9	32.4	26	10	0
	151	KHARGA	00	7	02	1	0	0	-	9.5	32.0	26	10	0
RED SEA	144	SUEZ	00		32	4	0	-	-	11.6	26.8	60	18	0
	145	TÛR	00	8	28	3	0	0	-	8.2	32.1	46	19	0
	163	HURGHÂDA	00	9	30	3	0	0	-	8	29	55	22	0
	147	QUSEIR	00	8	28	3	0	0	-	8.3	30.4	56	20	0
	208	PORT SÛDÂN												
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÛDÂN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S. SÛDÂN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 0600 on SATURDAY 4th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. MAXIMUM Yesterday	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
			ww	V	DD	F	W		C	PPP		TT	TxTx		TnTn		UU				
MEDITERRANEAN	146	SIDI BARÂNI	00	9	26	1	0	0	-	14.4		24.6	28				75	20	0	171	
	160	MATRÛH	00	8	29	2	0	0	-	14		25			19		74	20	0		
	134	EL DABA																		117	
	132	ALEXANDRIA	01	9	28	2	1	5	8	14.0	+1.7	26.2	29	-1	23	0	62	18	0	209	186
	150	FOUAD (Airport)	01	7	00	0	0	3	8	13.6		27	29		22		66	20	0	213	138
	159	DAMIETTA	01	8	22	2	1	5	8	12.7	+1.4	25.0	28		19		75	20	0	85	106
	161	PORT SAÏD	01	7	24	2	0	3	6	13		25	29		24		70	19	0	56	81
	135	EL 'ARISH	00	9	20	3	0	2	8	12.8	+1.5	25.1	30	0	20	0	64	18	0		94
LOWER EGYPT	136	DAMANHUR	00	7	24	3	0	0	-	14.3	+2.4	24.8	30	-2	19	0	73	20	0	105	101
	137	MANŞURA	00	8	24	1	0	0	-	13.5	+1.8	25.8	32	-2	19	-1	60	18	0	73	55
	138	TANTA	00	8	00	0	0	0	-	14.4	+2.3	23.0	31	-3	17	-1	79	19	0	26	44
	139	ZAGAZIG	00	6	24	2	0	0	-	13.1	+0.7	22.6	33	-1	18	-1	83	20	0	36	27
		SHIBÎN EL KÔM	00	7	28	2	0	0	-	14.3	+2.2	25.2	33		19		75	20	0	34	-
		ISMAÏLÍA	00	7	00	0	0	0	-	13.1		27.0	34		21		54	17	0	21	-
CAIRO AREA	928	FAROUK(Airport)	00	7	02	2	0	0	-	12		23	32		20		65	16	0	-	-
	141	ALMÂZA	00	7	02	1	0	0	-	12.3	+1.3		32		22		58	16	0	25	-
		EZBEKÍYA	00	7	28	1	0	0	-	13.5	+1.5	25.0	32	-1	20	-1	61	17	0	32	26
		GÎZA	00	7	28	1	0	0	-	13.2	+1.2	24.0	32	-1	16	-3	69	18	0	31	27
	143	HELWÂN	00	7	32	3	0	0	-	13.5	+1.9	24.0	31	-3	19	-2	60	16	0	19	29
UPPER EGYPT	153	FAIYÛM	00	8	02	2	0	0	-	13.6	+1.9	24.5	33	-2	20	0	66	17	0	11	8
		BENI SUEF	00	9	02	2	0	0	-	12.6		25.4	36		18		60	17	0	11	-
	162	MINYA	00	7	02	3	0	0	-	13		24	34		19		69	18	0	12	-
	155	ASYÛT	00	7	28	1	0	0	-	11.9	+1.3	26.0	35	0	21	-1	55	16	0	tr	4
	164	NAG' HAMMÂDI	00	8	26	1	0	0	-	9.8	+0.3	28.0	37		20		53	17	0	0	-
	156	QENA	00	8	24	2	0	0	-	9.0	+0.1	26.3	41	+2	24	+1	53	16	0	5	-
	157	LUXOR	00	8	00	0	0	0	-	9		30	39		24		38	14	0	tr	-
	158	ASWÂN	00	9	32	3	0	0	-	9.5	+0.8	29.0	39	-1	27	+2	43	15	0	tr	-
OASES	148	SIWA	00	7	00	0	0	0	-	15.1	+1.2	24.8	36	0	20	+1	71	19	0	23	8
	149	BAHARÎYA	00	8	04	3	0	0	-	14.0	+1.5	23.5	36	+1	19	0	71	17	0	18	7
		FARAFRA	00	8	32	1	0	0	-	13.6		25.3	37		19		48	13	0	-	-
	152	DAKHLA	00	8	00	0	0	0	-	11.9	+0.5	27.4	37	-1	24	+2	34	10	0	tr	-
	151	KHARGA	00	9	02	N	0	0	-	10.2	+0.4	28.0	37	-1	23	+1	42	14	0	0	-
RED SEA	144	SUEZ	00	8	32	1	0	0	-	12.2	+1.3	23.2	34	-1	20	-2	73	18	0	-	17
	145	TÛR	00	8	28	N	0	0	-	9.5	+1.3	27.1	33	0	24	+3	62	19	0	0	13
	163	HURGHÂDA	00	9	30	N	0	0	-	10		27	31		23		66	20	0	1	3
	147	QUSEIR	00	8	32	S	0	0	-	8.4	+0.2	29.0	33	0	25	-1	64	21	0	0	4
	208	PORT SUDAN																	0	292	106
NORTH SÛDÂN	165	WADI HALFA																	0	tr	-
	166	KAREIMA																	0	tr	26
	167	'ATBARA																	4 ✓	tr	65
	209	KHARTÛM																	0	66	147
	170	KASSALA																	0	154	275
CENTRAL SÛDÂN	171	WAD MEDANI																	9 ✓	287	344
	182	RENK																	0		440
	172	ROSEIRES																	0	559	675
	174	EL OBEID																	0	419	304
	175	EL FÂSHER																	0	126	291
	179	GENEINA																	0		514
S. SÛDÂN	176	MALAKÂL																	0	719	714
	177	WÂU																	0	804	958
	178	JUBA																	5 ✓	771	868

HUMIDITY

Mean of day

STATION	on 3rd	Diff. from normal
Alexandria	60	-10
Ezbekiya	61	-2
Giza	58	-7
Helwân	54	+1

GIZA
GRASS MINIMUM TEMP
ON 4th 13.0 °C

Remarks

UPPER AIR OBSERVATIONS on 3rd

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT ON 3rd AT 14 30

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C	WIND DD	WIND VV
SURFACE	1002	29	21		
500	984	29	19		
1000	966	28	19		
1500	949	26	18		
2000	932	25	14		
4000	865	19	14		
6000	803	17	7		
8000	744	13	2		
10000	689	12	1		
12000	637	6	-2		
14000	589	3	-3		
16000					
18000					
20000					

FAROUK AIRPORT RAWINSONDE ON AT

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					
250					
200					
150					
100					

STATION	Fouad A.P.		P. Said		Minya	
TIME	15		14 30		16	
HEIGHT m.	DD	VV	DD	VV	DD	VV
200	330	18	320	14	10	16
500	320	18	320	21	10	23
1000	310	27	310	20	10	23
1500	320	23	320	16	360	23
2000			300	19	350	20
3000						
4000						
5000						
6000						
7000						
8000						

STATION																
TIME																
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200																
500																
1000																
1500																
2000																
3000																
4000																
5000																
6000																
7000																
8000																

UPPER AIR OBSERVATIONS on 4th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			4		4		3 30						6 45		3 15				6 15		5		5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			320	8	320	6	320	11					20	8	10	23			330	17	350	16	110	21
500			330	9	320	8	310	9					20	10	360	20			350	17	350	24	110	23
1000			350	8	330	8	300	12					20	15	340	23			350	23	360	19	80	19
1500			350	12	340	10							30	17	340	22					290	3	20	12
2000			340	10	340	12							30	14	10	12					210	16	340	11
3000			340	15									350	10	360	11							360	13
4000													310	15									330	24
5000			320	16									250	13									330	19
6000													250	19										
7000																								
8000																								

STATION	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME			5				8																	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			50	2			320	18																
500			40	3			320	28																
1000			20	11			340	23																
1500			350	17			30	9																
2000			300	15			50	9																
3000							309	7																
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48, 1951)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	KPH	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g.
08 = East, 16 = South
24 = West, 32 = North,
00 is Calm.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on:
Saturday 4th September 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

HIGH

SCALE 1:15,000,000

S of E 1948(48/195)

CAIRO
Time of Sunrise 3 34 G.M.T.
" " Sunset 16 13 G.M.T

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: SUNDAY 5th SEPTEMBER, 1948.

At 1200 on SATURDAY 4th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C. TT	HUMIDITY % UU	DEW POINT °C.	RAIN 6-12 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI	00	9	32	3	0	0	—	14.2	26.3	65	19	0
	160	MATRÛH												
	134	EL DABA												
	132	ALEXANDRIA	01	9	28	3	2	3	4	13.4	27.4	57	18	0
	150	FOUAD (Airport)	01	7	28	3	0	3	8	13.4	28	62	20	0
	159	DAMIETTA	00	8	28	4	1	0	—	12.3	27.0	61	19	0
	161	PORT SA'ÎD	00	8	32	3	0	tr	8	13	27	55	17	0
	135	EL 'ARISH	00	9	28	3	0	0	—	12.3	27.3	88	25	0
LOWER EGYPT	136	DAMANHUR	00	7	24	3	1	2	8	13.3	29.0	59	20	0
	137	MANSURA	00	8	30	2	0	0	—	12.7	30.8	37	14	0
	138	TANTA	00	8	28	3	0	0	—	13.5	32.0	38	16	0
	139	ZAGAZIG	00	6	24	2	0	0	—	12.3	30.6	63	23	0
		SHIBÎN EL KÔM	00	8	24	3	0	0	—	12.7	32.3	41	17	0
		ISMA'ILÎA												
CAIRO AREA	928	FAROUK (Airport)	00	8	32	3	0	0	—	12	31	46	18	0
	141	ALMÂZA	00	8	32	3	0	0	—	12	30	35	20	0
		EZBEKÎYA	00	8	30	3	0	0	—	11.8	30.5	47	17	0
		GÎZA	00	8	30	3	0	0	—	11.6	30.9	42	16	0
	143	HELWÂN	00	8	28	4	0	0	—	11.4	29.4	38	13	0
UPPER EGYPT	153	FAIYÛM	00	8	02	3	0	0	—	11.1	31.5	35	15	0
		BENI SUEF	00	9	30	3	0	0	—	10.6	32.1	36	15	0
	162	MINYA	00	8	01	4	0	0	—	10	32	34	14	0
	155	ASYÛT	00	8	28	2	0	0	—	9.6	32.0	24	9	0
	164	NAG' HAMMÂDI	00	8	28	2	0	0	—	7.2	35.6	30	15	0
	156	QENA	00	9	24	2	0	0	—	6.2	39.6	21	14	0
	157	LUXOR	00	8	30	2	0	1	1	7	37	13	4	0
	158	ASWÂN	00	9	32	3	0	0	—	7.0	36.6	27	15	0
OASES	148	SIWA	00	8	00	0	0	0	—	13.1	34.5	55	24	0
	149	BAHARÎYA	00	8	32	1	0	0	—	11.9	32.5	27	10	0
		FARAFRA												
	152	DAKHLA	00	9	28	2	0	0	—	9.4	34.9	23	11	0
	151	KHARGA	00	9	02	2	0	0	—	9.1	34.9	17	7	0
RED SEA	144	SUEZ	00	8	28	2	0	0	—	10.6	31.2	36	14	0
	145	TÔR	00	8	28	6	0	0	—	9.0	30.5	52	19	0
	163	HURGHÂDA	00	9	20	4	0	0	—	9	28	74	23	0
	147	QUSEIR	00	8	32	3	0	0	—	8.4	31.3	63	23	0
	208	PORT SÛDÂN	00	8	12	3	0	0	—	2	38	42	23	0
NORTH SÛDÂN	165	WADI HALFA	00	8			0	0	—	6	38	18	10	0
	166	KAREIMA	00	8	04	1	1	2	1	3	38	14	6	0
	167	'ATBARA	01	7	22	1	1	5	4	1	41	25	17	0
	209	KHARTÛM	00	8	26	2	0	1	2	4	37	20	11	0
	170	KASSALA	00	8	22	1	1	tr.	8	4	36	35	18	0
CENTRAL SÛDÂN	171	WAD MEDANI	02	8	16	2	1	10	4	5	33	47	20	0
	182	RENK	01	9	20	2	1	7	8	7	31	66	24	0
	172	ROSEIRES	01	8	20	2	2	3	5	8	31	59	22	0
	174	EL OBEID	00	8	22	3	1	2	8		31	43	17	0
	175	EL FÂSHER	01	8	04	1	1	7	8	—	34	22	9	0
	179	GENEINA	01	8	06	2	1	5	4	—	33	36	16	0
S. SÛDÂN	176	MALAKÂL	62	7	30	2	6	10	6,4	10			22	R
	177	WÂU												
	178	JUBA	01	8	10	1	1	7	8,4	8	31	55	21	0

At 1800 on SATURDAY 4th

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C TT	HUMIDITY % UU	DEW POINT °C.	RAIN 12-18 G.M.T. mms
SIDI BARÂNI	00	8	02	2	0	0	—	14.3	24.0	77	20	0
ALEXANDRIA	00	6	32	2	0	0	—	13.6	25.0	68	19	0
FOUAD (Airport)	00	7	30	2	0	0	—	13.3	24	79	20	0
DAMIETTA	00	7	28	2	1	1	8	12.7	24.0	81	20	0
PORT SA'ÎD	00	7	32	2	0	2	6	13	25	70	19	0
DAMANHUR	00	7	32	2	0	0	—	13.8	23.8	85	21	0
MANSURA	00	6	32	2	0	0	—	13.0	24.0	72	19	0
TANTA	00	8	00	0	0	0	—	13.1	24.3	74	19	0
ZAGAZIG	00	6		2	0	0	—	12.7	25.4	75	20	0
SHIBÎN EL KÔM	00	7	02	2	0	0	—	13.6	27.4	63	19	0
ISMA'ILÎA	00	7	04	2	0	0	—	13.1	29.0	50	17	0
FAROUK (Airport)	00	7	32	4	0	0	—	12	26	55	16	0
ALMÂZA	00	7	02	3	0	0	—	12.2	26.8	50	15	0
EZBEKÎYA	00	7	32	1	0	0	—	12.7	25.2	61	17	0
GÎZA	00	7	32	1	0	0	—	12.4	25.6	63	18	0
HELWÂN	00	7	30	5	0	0	—	11.9	26.4	53	15	0
FAIYÛM	00	8	02	2	0	0	—	11.1	27.1	52	16	0
BENI SUEF	00	9	02	2	0	0	—	11.4	26.9	54	17	0
MINYA	00	7	01	3	0	0	—	10	26	55	16	0
ASYÛT	00	6	26	1	0	0	—	10.2	29.3	33	11	0
NAG' HAMMÂDI	00	8	00	0	0	0	—			54	17	0
QENA	00	6	24	2	0	0	—	7.0	29.4	40	14	0
LUXOR	00	7	00	0	0	0	—	7	31	22	7	0
ASWÂN	00	9	00	0	0	0	—	6.8	34.0	25	11	0
SIWA	00	6	00	0	0	0	—	13.2	29.5	50	18	0
BAHARÎYA	00	7	32	1	0	0	—	12.3	28.8	35	11	0
DAKHLA	00		00	0	0	0	—	10.0	30.9	28	10	0
KHARGA	00	7	32	1	0	0	—	9.0	30.2	18	3	0
SUEZ	00		32	4	0	0	—	11.9	25.8	59	17	0
TÔR	00	8	28	3	0	0	—	8.2	28.2	62	20	0
HURGHÂDA	00	8	29	4	0	0	—	8	29	55	19	0
QUSEIR	00	8	30	3	0	0	—	7.6	29.2	65	22	0

At 0600 on SUNDAY 5th

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESSURE M.S.L. mbs. PPP	Diff. from normal mbs.	TEMP. Dry Bulb TT	Maximum Yesterday TxTx	Diff. from norm.	Minimum Today TnTn	Diff. from norm.	HUMIDITY % UU	DEW POINT °C.	RAINFALL Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	AREA
SÎDI BARÂNI	41	8	18	2	4	3	0	14.4		21.5	27		17		92	21	0			MEDITERRANEAN
MATRÛH	00	8	29	1	0	0	—	14		24			15		79	20	0		161	
EL DABA'																		117		
ALEXANDRIA	02	9	04	2	1	7	8	13.1	+0.6	26.0	29	-1	23	0	69	20	0	209	186	
FOUAD (Airport)	01	7	31	1	0	3	6	13.0		27	29		19		66	20	0	213	138	
DAMIETTA	01	8	02	2	1	3	8	12.7	+1.2	25.7	28		20		76	21	0	85	106	
PORT SA'ÎD	01	7	04	2	1	5	6	13		26	29		24		66	19	0	56		
EL 'ARISH	00	9	12	3	0	0	—	12.4	+1.0	22.7	28	-2	18	-2	78	19	0		94	
DAMANHÛR	01	7	32	3	1	3	8	13.5	+1.4	22.0	30	-2	19	0	87	20	0	105	101	LOWER EGYPT
MANSÛRA	01	7	02	1	1	5	6	13.0	+1.2	25.2	32	-2	21	+1	71	19	0	73	55	
TANTA	01	8	04	1	1	5	8	12.6	+0.4	23.0	32	-2	16	-2	83	20	0	26	44	
ZAGAZIG	00	6		2	0	0	—	11.5	-1.0	23.2	33	-1	18	-1	87	21	0	36	27	
SHIBÎN EL KÔM	01	7	02	1	1	5	8	12.2	0.0	22.7	33		18		74	18	0	34		
ISMAÎLÎA	01	6	00	0	1	7	6	12.2		26.5	32		20		59	17	0	21		
FAROUK (Airport)	00	7	04	4	1	2	6	12		22	31		19		78	18	0			CAIRO AREA
ALMÂZA	00	7	04	2	1	1	6	12.2	+0.1	23.8	31		19		80	19	0	25		
EZBEKÎYA	01	7	04	1	0	3	6	12.6	+0.5	23.3	31	-2	19	-2	74	18	0	32	26	
GÎZA	01	7	04	1	0	3	6	11.9	-0.2	24.0			17	-2	70	18	0	31	27	
HELWÂN	00	7	32	4	0	1	0	12.2	+0.5	23.6	31	-2	19	-2	64	17	0	19	29	
FAIYÛM	02	8	32	3	1	9	8	12.2	+0.4	23.8	33	-2	19	-1	73	19	0	11	8	UPPER EGYPT
BENI SUEF	00	9	02	3	0	0	—	11.4		24.9	32		18		66	17	0	11		
MINYA	01	7	01	3	0	3	6	12		23	32		19		74	18	0	12		
ASYÛT	00	7	26	1	0	0	—	11.5	+0.7	24.0	34	-1	20	-2	60	16	0	dr.	4	
NAG' HAMMÂDI	00	8	00	0	0	0	—	9.1	-0.5	26.7	36		20		58	18	0	0		
QENA	00	8	24	2	0	0	—	9.1	+0.1	25.4	41	+2	22	-1	56	16	0	5		
LUXOR	01	8	00	0	0	3	2	9		29	38		21		35	12	0	dr.		
ASWÂN	02	9	00	0	1	8	1	9.0	+0.2	26.6	38	-2	24	-1	48	15	0	dr.		
SIWA		7						14.3	+0.3	25.8	36	0	18	-1	65	19	0	23	8	OASES
BAHARIYA	00	7	32	2	0	0	—	13.5	+0.9	21.5	34	-1	18	-1	78	18	0	18	7	
FARAFRA																				
DAKHLA	00	8	00	0	0	0	—	11.6	+0.1	23.0	35	-2	20	-2	34	6	0	dr.		
KHARGA	00	8	32	3	0	0	—	10.4	-0.1	25.6	35	-3	23	+1	55	16	0	0		
SUEZ	00	8	32	2	0	0	—	11.3	+0.3	24.1	37	+2	19	-3	69	18	0		17	RED SEA
TOR	00	8	28	2	0	0	—	9.2	+0.9	27.0	32	-1	24	+1	66	20	0	0	13	
HURGHADA	00	9	30	4	0	0	—	9		26	29		24		84	23	0	1	3	
QUSEIR	00	7	32	3	0	0	—	8.2	-0.1	29.0	32	-1	25	-1	64	22	0	0	4	
PORT SUDAN																	0	292	106	
WÂDI HALFA																	0	tr.		NORTH SÛDÂN
KAREIMA																	0	tr.	26	
'ATBARA																	0	6	65	
KHARTÛM																	0	66	148	
KASSALA																	0	154	278	
WAD MEDANI																	0	287	347	CENTRAL SÛDÂN
RENK																	0		444	
ROSEIRES																	7	568	683	
EL OBEID																	0	419	307	
EL FÂSHER																	0	126	293	
GENEINA																				
MALAKAL																	33	752	720	S. SÛDÂN
WÂU																	8	812	964	
JUBA																	12	808	872	

HUMIDITY % Mean of day

STATION	on 4th	Diff. from normal
Alexandria	63	-6
Ezbekiya	55	-8
Gîza	61	-4
Helwân	52	-1

GIZA
GRASS MINIMUM TEMP
ON 5th 14.1 °C

Remarks

UPPER AIR OBSERVATIONS on 4th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT ON 4th At 15

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C
SURFACE	1002	29	24
500	984	28	20
1000	966	28	19
1500	949	26	18
2000	932	24	18
4000	865	18	15
6000	803	17	6
8000	744	14	3
10000	689	12	3
12000	637	11	0
14000	589	6	-3
16000	543	2	-3
18000	500	-2	-4
20000	460	-5	-7

FAROUK AIRPORT — RAWINSONDE ON 5th At 4

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		21	75	40	6
1000	340	21	75	40	6
950					
900	3330	24	25	60	16
850	4950	23		50	13
800	6660	18		50	11
700	10340	11		60	9
600	14520	6		280	3
500	19320	-4		250	30
400	•	-15			
300					
250					
200					
150					
100					

STATION	P. Said		Minya	
TIME	14 15		15	
HEIGHT m.	DD	VV	DD	VV
200	360	14	360	22
500	350	12	360	28
1000	310	6	360	33
1500	340	7	10	26
2000	320	5	360	27
3000	330	3		
4000	220	3		
5000				
6000				
7000				
8000				

UPPER AIR OBSERVATIONS on 5th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			4		3		3 30		4				6 45		3				5 30		5		5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			20	5	80	11	30	5	30	10			40	16	10	20			330	7	360	5	120	17
500			40	9	80	11	20	5	30	14			20	7	10	26			340	18	10	16	130	16
1000			40	11	60	11			30	15			40	22	360	21			330	18	340	14	60	13
1500			10	10					50	12			30	15	350	31			270	8	270	8	30	11
2000			360	3					40	9			40	15	330	11			310	5			20	15
3000									60	8			10	5									360	13
4000									10	3			60	3									340	15
5000									330	9			220	10										
6000									340	30			250	12										
7000													250	13										
8000																								

STATION	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME			5				8																	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			30	6			170	33																
500			10	37			170	9																
1000			350	24			180	2																
1500			10	21			180	2																
2000							180	2																
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

WIND FORCE (F)

	KPH	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G.M.T.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on:
Sunday 5th September 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 34 G.M.T.
" " Sunset 16 12 G.M.T.

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

Form 91

DAILY WEATHER REPORT

Date: MONDAY 6th SEPTEMBER, 1948.

At 1200 on SUNDAY 5th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	00	7	02	3	•	•	–	14.3	27.4	59	18	0
	160	MATRÛH												
	134	EL DABA												
	132	ALEXANDRIA	00	9	04	2	0	0	–	13.2	27.0	67	20	0
	150	FOUAD (Airport)	00	7	28	3	•	•	–	12.9	28	66	21	0
	159	DAMIETTA	00	8	28	3	1	0	–	12.0	27.1	65	20	0
	161	PORT SA'ÎD	00	8	01	3	0	0	–	12	27	66	20	0
	135	EL 'ARISH	01	9	30	4	1	3	8	11.5	28.2	63	20	0
LOWER EGYPT	136	DAMANHUR	00	7	32	3	0	0	–	12.9	30.0	59	21	0
	137	MANSURA	00	8	32	2	1	0	–	11.9	30.5	44	18	0
	138	TANTA	00	8	28	3	1	0	–	12.7	32.0	43	18	0
	139	ZAGAZIG	00	6	32	2	0	0	–	10.4	31.6	40	23	0
		SHIBÎN EL KÔM	00	8	02	3	0	0	–	12.2	32.4	38	16	0
		ISMAÎLÎA	00	8	04	1	0	0	–	10.3	32.0	35	15	0
CAIRO AREA	928	FAROUK(Airport)	00	8	31	4	0	0	–	11	32	34	14	0
	141	ALMÂZA	00	8	02	3	•	•	–	18	32	32	14	0
		EZBEKÎYA	00	8	30	1	0	0	–	11.0	31.0	45	18	0
		GÎZA	00	8	30	1	0	0	–	10.8	31.0	41	16	0
	143	HELWÂN	00	7	32	4	0	0	–	10.3	31.9	37	13	0
UPPER EGYPT	153	FAIYÛM	00	8	02	1	0	0	–	10.7	31.3	38	16	0
		BENI SUEF	00	9	02	2	0	0	–	9.6	33.8	34	16	0
	162	MINYA	00	8	32	4	0	•	–	10	32	38	16	0
	155	ASYÛT	00		22	1	0	•	–	9.2	32.6	26	11	0
	164	NAG' HAMMÂDI	00	8	24	1	0	0	–	7.4	34.7	35	17	0
	156	QENA	00	9	24	2	0	0	–	6.0	38.6	13	11	0
	157	LUXOR	00	8	30	3	0	2	1	6	37	17	08	0
	158	ASWÂN	00	9	32	2	0	0	–	6.0	39.0	19	11	0
OASES	148	SIWA	00	8	00	0	0	0	–	13.8	34.5	47	21	0
	149	BAHARÎYA	00	8	32	2	0	0	–	11.5	33.0	27	11	0
		FARAFRA	00	7	04	1	0	0	–	12.5	33.7	22	09	0
	152	DAKHLA	00	9	32	3	0	0	–	9.3	33.8	14	03	0
	151	KHARGA	00	9						7.8	34.9	14	04	0
RED SEA	144	SUEZ	00	8	32	4	0	0	–	8.7	33.2	34	15	0
	145	TÛR	00	8	28	5	0	0	–	8.3	29.0	64	22	0
	163	HURGHÂDA	00	7	32	4	0	2	1	7	29	64	26	0
	147	QUSEIR	00	8	02	2	0	0	–	7.4	31.6	58	25	0
	208	PORT SÛDÂN												
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA	01	8	18	4	1	5	8	6	37	24	13	0
	209	KHARTÛM												
	170	KASSALA	02	8	18	2	1	8	8,4	7				
CENTRAL SÛDÂN	171	WAD MEDANI	02	8	16	3	1	10	8	9	27	62	20	0
	182	RENK												
	172	ROSEIRES	01	8	22	3	2	3	5	13	29	66	22	0
	174	EL OBEID												
	175	EL FÂSHER	01	8	12	2	1	5	8,4		33	36	16	0
	179	GENEINA	01	8	20	1	1	5	8		33	32	14	0
S. SÛDÂN	176	MALAKÂL	61	7	00	0	1	3	6,5	14				R
	177	WÂU												
	178	JUBA												

At 1800 on 5th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI												
	160	MATRÛH												
	134	EL DABA												
	132	ALEXANDRIA	00	6	04	2	0	0	–	13.1	25.2	76	20	0
	150	FOUAD (Airport)	00	7	31	1	0	0	–	13.2				0
	159	DAMIETTA	00	7	28	4	0	0	–	12.0	25.0	84	22	0
	161	PORT SA'ÎD	00	7	01	4	0	0	–	12	26	84	23	0
	135	EL 'ARISH	01	9	30	4	1	5	8	11.1	26.2	70	20	0
LOWER EGYPT	136	DAMANHUR	00	7	32	3	0	0	–	13.0	24.0	71	22	0
	137	MANSURA	00	8	04	2	0	0	–	12.3	24.8	79	21	0
	138	TANTA	00	8	28	3	1	0	–	13.4	26.0	76	21	0
	139	ZAGAZIG	00	6	00	0	0	0	–	12.3	24.0	83	21	0
		SHIBÎN EL KÔM	00	7	30	2	0	0	–	12.8	28.1	57	19	0
		ISMAÎLÎA	00	8	02	1	0	0	–	11.2	26.0	69	20	0
CAIRO AREA	928	FAROUK(Airport)	00	7	02	4	0	0	–	11	27	52	16	0
	141	ALMÂZA	00	7	02	4	0	0	–	11.0	27.5	49	16	0
		EZBEKÎYA	00	7	02	1	0	0	–	11.5	25.9	61	18	0
		GÎZA	00	7	02	1	0	0	–	11.5	27.4	64	18	0
	143	HELWÂN	00	7	32	3	0	0	–	10.8	27.7	52	17	0
UPPER EGYPT	153	FAIYÛM	00	8	02	1	0	0	–	7.8	27.2	43	15	0
		BENI SUEF	00	7	02	2	0	0	–	9.8	28.9	44	14	0
	162	MINYA	00	7	32	2	0	0	–	7	28	49	16	0
	155	ASYÛT	00	7	22	1	0	0	–	9.2	28.5	37	12	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	–	7.4	27.0	48	15	0
	156	QENA	00	8	22	2	0	0	–	6.6	29.6	37	14	0
	157	LUXOR	00	7	00	0	0	0	–	7	30	33	12	0
	158	ASWÂN	00	7	32	1	0	0	–	6.0	36.4	19	09	0
OASES	148	SIWA	00	7	00	0	0	0	–	13.2	30.2	49	17	0
	149	BAHARÎYA	00	7	00	0	0	0	–	11.4	29.0	31	10	0
		FARAFRA	00	7	32	1	0	0	–	11.0	27.8	32	09	0
	152	DAKHLA	00	8	00	0	0	0	–	10.1	30.1	22	07	0
	151	KHARGA	00	7	00	0	0	0	–	8.6	30.0	21	05	0
RED SEA	144	SUEZ	00	8	32	3	0	0	–	10.3	26.2	71	20	0
	145	TÛR	00	8	29	2	0	0	–	7.1	26.6	61	19	0
	163	HURGHÂDA	00	7	29	3	0	0	–	7	29	74	24	0
	147	QUSEIR	00	8	30	2	0	0	–	6.8	28.7	72	23	0
	208	PORT SÛDÂN												
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÛDÂN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S. SÛDÂN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 0600 on MONDAY 6th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. MAXIMUM Yesterday	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
			ww	V	DD	F	W		C	PPP		TT	TxTx		TnTn		UU				
MEDITERRANEAN	146	SIDI BARÂNI	00	7	00	0	0	0	–	13.9		25.5	28		16		68	19	0		
	160	MATRÛH	00	8	29	1	0	0	–	1H		24			16		74	19	0		
	134	EL DABA																	0	117	
	132	ALEXANDRIA	01	9	32	1	1	3	8	12.3	-0.3	26.0	29	-1	23	0	69	20	0	209	186
	150	FOUAD (Airport)	00	7	26	2	0	0	–	12									0	213	138
	159	DAMIETTA	00	8	28	3	0	0	–	11.5	-0.1	26.4	28		22		73	21	0	85	106
	161	PORT SA'ÎD	00	7	08	2	0	0	–	12		27	30		25		70	21	0	56	81
	135	EL 'ARISH	01	7	02	3	1	3	3	11.1	-0.5	27.1	29	-1	21	+1	75	22	0		94
LOWER EGYPT	136	DAMANHUR	00	7	32	3	0	0	–	12.8	+0.5	24.0	31	-1	20	+1	87	22	0	105	101
	137	MANSURA	00	8	32	2	0	0	–	11.6	-0.3	24.2	33	-1	22	+2	75	21	0	73	55
	138	TANTA	00	8	20	1	0	0	–	13.6	+0.6	22.0	33	-1	16	-2	88	20	0	26	44
	139	ZAGAZIG	00	6	24	2	0	0	–	10.4	-2.2	24.2	33	-1	19	0	88	22	0	34	27
		SHIBÎN EL KÔM	00	7	28	2	0	0	–	12.8	+0.4	23.1	33		18		63	16	0	34	
		ISMAÎLÎA	01	7	02	1	1	3	6	11.1		24.9	32		22		72	21	0	21	
CAIRO AREA	928	FAROUK(Airport)	05	5	02	2	2	7	8	11		22	32		20		94	21	0		
	141	ALMÂZA	05	6	02	1	4	7	6	11.5	-0.7	23.3	32		20		87	21	0	25	
		EZBEKÎYA	03	6	04	1	2	10	6	11.8	-0.4	23.8	32	-1	21	0	85	21	0	32	26
		GÎZA	03	6	04	1	2	10	6	11.6	-0.6	24.0	32	-1	20	+2	83	21	0	31	27
	143	HELWÂN	01	7	32	4	1	3	8	11.5	-0.3	23.9	33	0	21	0	77	20	0	19	29
UPPER EGYPT	153	FAIYÛM	01	8	32	3	1	5	8	11.4	-0.5	24.6	33	-2	19	-1	79	21	0	11	8
		BENI SUEF	01	9	02	2	0	3	8	10.6		25.7	34		20		87	19	0	11	
	162	MINYA	00	7	01	4	0	0	–	11		24	33		20		84	21	0	12	
	155	ASYÛT	00	7	26	1	0	0	–	10.7	-0.2	23.3	34	-1	20	-2	73	18	0	dr	4
	164	NAG' HAMMÂDI	00	8	00	0	0	0	–	8.8	-0.9	27.3	35		20		58	18	0	0	
	156	QENA	00	8	26	2	0	0	–	8.3	-0.8	24.4	40	+1	22	-1	50	15	0	5	
	157	LUXOR	00	8	00	0	0	0	–	9		29	38		20		49	17	0	dr	
	158	ASWÂN	01	9	00	0	1	3	1	8.4	-0.5	28.4	40	0	23	-2	37	12	0	dr	
OASES	148	SIWA	00	7	00	0	0	0	–	13.9	-0.3	24.3	37	+1	17	-2	66	17	0	23	8
	149	BAHARÎYA	01	7	00	0	1	3	4	13.0	+0.2	22.5	34	-1	18	-1	78	18	0	18	7
		FARAFRA	00	7	32	1	0	0	–	13.0		24.2	35		18		69	18	0		
	152	DAKHLA	00	8	28	1	0	0	–	11.5	-0.1	24.4	36	-1	20	-2	43	11	0	dr	
	151	KHARGA	00	9	30	3	0	0	–	7.9	-0.7	26.2	36	-2	21	-1	47	14	0	0	
RED SEA	144	SUEZ	01	7	00	0	1	5	8	10.2	-0.7	24.5	34	-1	22	0	74	21	0	–	17
	145	TÛR	00	8	28	2	0	0	–	8.7	+0.3	27.5	31	-2	25	+2	69	21	0	0	13
	163	HURGHÂDA	00	7	30	5	0	0	–	8		26	29		23		94	23	0	1	3
	147	QUSEIR	00	8	32	2	0	0	–	7.5	-0.9	28.8	32	-1	25	-1			0	4	
	208	PORT SÛDÂN	01	8	00	0	1	3	4	5		33			27		63	25	0	292	106
NORTH SÛDÂN	165	WADI HALFA																	0	tr	
	166	KAREIMA																	0	tr	26
	167	'ATBARA	05	5	20	N	1	3	N,1	9		30			28		52	19	0	6	65
	209	KHARTÛM	01	8	19	3	1	3	8,4	11		27					70	21	0	66	149
	170	KASSALA	01	8	16	3	1	3	4	12		25			22		70	19	0	15N	280
CENTRAL SÛDÂN	171	WAD MEDANI	02	9	16	4	1	10	4	12		23					84	20	0	287	349
	182	RENK																			447
	172	ROSEIRES																	0	568	491
	174	EL OBEID	02	8	20	4	1	10	8,4	11		24			21		74	19	1	420	310
	175	EL FÂSHER	02	8	10	1	1	8	4	.		24					74	19	0	126	295
	179	GENEINA	02	8	00	0	1	8	4			22			19		83	19	0		521
S. SÛDÂN	176	MALAKÂL																	22	774	725
	177	WÂU																	8	818	970
	178	JUBA																	0	808	876

HUMIDITY %

Mean of day

STATION	on 5th	Diff. from normal
Alexandria	72	+3
Ezbekiya	64	+1
Giza	62	-3
Helwân	54	+1

GIZA GRASS MINIMUM TEMP

ON 8th 11.8 °C

Remarks

UPPER AIR OBSERVATIONS on 5th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT

ON 5th AT 14

HEIGHT FEET	PRESSURE mbs	DRY °C	WET °C
SURFACE	1001	30	24
500	984	31	19
1000	966	29	18
1500	949	27	18
2000	932	26	17
4000	865	21	12
6000	803	19	6
8000	744	16	3
10000	689	14	2
12000	637	11	0
14000	589	7	-3
16000	543	3	-4
18000	500	1	-4
20000	460	-3	-6

FAROUK AIRPORT RAWINSONDE

ON 5th AT 14

PRESSURE mbs	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					
250					
200					
150					
100					

STATION	P. SAÎD				MINYA	
TIME	14	15			15	
HEIGHT m	DD	VV	DD	VV	DD	VV
200	360	14			360	22
500	20	16			350	21
1000	20	16			350	25
1500	10	14			10	20
2000	300	2			30	11
3000					360	19
4000						
5000						
6000						
7000						
8000						

STATION						
TIME						
HEIGHT m	DD	VV	DD	VV	DD	VV
200						
500						
1000						
1500						
2000						
3000						
4000						
5000						
6000						
7000						
8000						

UPPER AIR OBSERVATIONS on 6th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÎD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			4				4	15					6	30	3				5	30	5		5	
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			300	6			10	7					20	13	10	16			360	2	360	8	310	27
500			20	10			20	12					30	12	10	19			330	11	340	24	360	23
1000			30	12			40	5					20	23	360	16			330	20	28	10	50	21
1500			30	10			40	10					30	26	350	10			310	5	240	16	330	22
2000			40	5									30	17	330	10					270	19	360	27
3000			360	11									10	17							260	14	360	14
4000			340	15									20	13									340	19
5000			350	15									270	14										
6000													260	23										
7000													260	23										
8000													250	23										

STATION	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME			5				8																	
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			360	38			340	38																
500			20	15			300	14																
1000			350	22			290	13																
1500			360	23			270	15																
2000			360	16			200	10																
3000							80	17																
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

WIND FORCE (F)

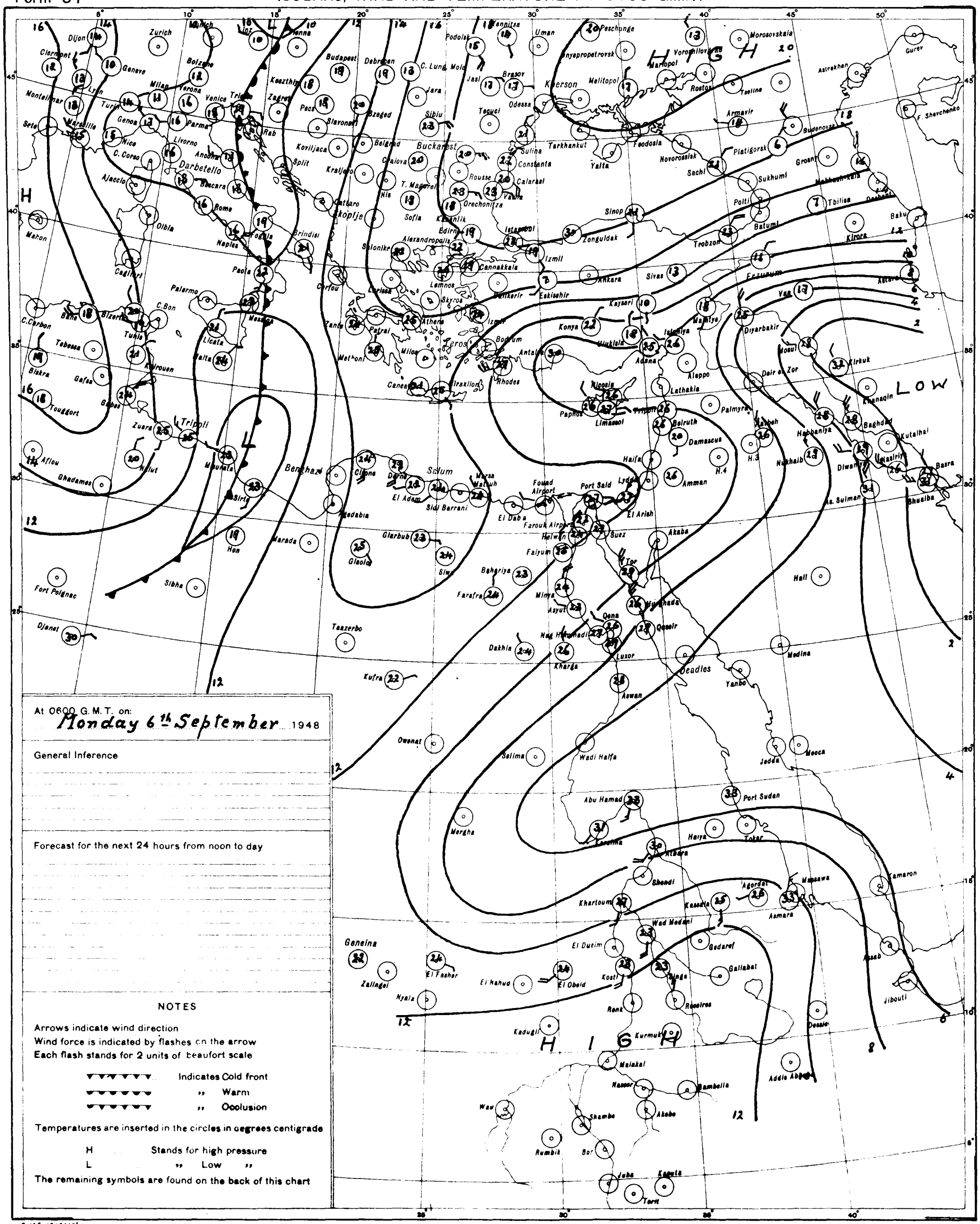
	K.P.H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g.
08 = East, 16 = South
24 = West, 32 = North,
00 is Calm

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
Monday 6th September 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 35 G.M.T.
" " Sunset 16 11 G.M.T

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

Form 91

DAILY WEATHER REPORT

Date: TUESDAY 7th SEPTEMBER, 1948.

At 1200 on MONDAY 6th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C. TT	HUMIDITY % UU	DEW POINT °C.	RAIN 6-12 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI	00	9	28	4	0	0	-	13.4	24.9	62	19	0
	160	MATRÛH												
	134	EL DABA												
	132	ALEXANDRIA	00	9	32	2	0	0	-	11.9	28.0	62	20	0
	150	FOUAD (Airport)	00	7	29	3	0	0	-	11.2	29	59	20	0
	159	DAMIETTA	00	8	28	3	0	0	-	10.6	29.0	47	16	0
	161	PORT SAÏD	00	8	32	3	0	0	-	10.	28.	62	20	0
	135	EL 'ARISH	00	9	30	4	0	0	-	10.2	28.9	70	23	0
LOWER EGYPT	136	DAMANHUR	03	7	32	3	0	0	-	11.8	31.0	42	17	0
	137	MANSURA	00	8	04	2	0	0	-	10.2	33.5	32	15	0
	138	TANTA	00	8	00	0	0	0	-	11.8	33.0	36	16	0
	139	ZAGAZIG	00	6		2	0	0	-	9.5	32.8	46	20	0
		SHIBÎN EL KÔM	00	8	30	3	0	0	-	11.1	34.2	37	17	0
		ISMA'ÎLÎA	00	8	02	2	0	0	-	9.1	33.8	26	11	0
CAIRO AREA	928	FAROUK(Airport)	00	7	28	4	0	0	-	10	33	24	10	0
	141	ALMÂZA	00	8	32	2	0	0	-	9.5	32.0	28	11	0
		EZBEKÎYA	00	8	30	3	0	0	-	9.9	32.5	36	15	0
		GÎZA	00	8	30	3	0	0	-	10.0	32.4	34	14	0
	143	HELWÂN	00	7	30	4	0	0	-	9.2	32.0	30	12	0
UPPER EGYPT	153	FAIYÛM	00	8	32	3	0	0	-	9.2	33.0	25	10	0
		BENI SUEF	00	9	02	2	0	0	-	9.1	34.1	33	15	0
	162	MINYA	00	8	01	4	0	1	1	9	33	34	15	0
	155	ASYÛT	00	8	26	1	0	0	-	8.4	33.6	30	14	0
	164	NAG' HAMMÂDI	00	8	24	1	0	0	-	6.6	34.8	39	19	0
	156	QENA	00	9	22	3	0	0	-	6.7	37.0	32	18	0
	157	LUXOR	01	8	26	2	0	5	1	6	37	27	15	0
	158	ASWÂN	00	9	32	1	0	0	-	4.7	40.0	18	12	0
OASES	148	SIWA	00	8	00	0	0	0	-	12.3	34.5	44	20	0
	149	BAHARÎYA	01	8	32	2	1	3	4	10.6	34.0	22	09	0
		FARAFRA												
	152	DAKHLA	00	9	32	5	0	0	-	9.1	33.4	24	10	0
	151	KHARGA	00	9	30	3	0	0	-	7.6	35.0	15	05	0
RED SEA	144	SUEZ	00	8	02	3	0	0	-	8.7	33.0	38	17	0
	145	TÛR	00	8	28	4	0	0	-	6.3	29.0	69	23	0
	163	HURGHÂDA	00	9	32	4	0	6	1	6	29	79	25	0
	147	QUSEIR	00	8	02	2	0	0	-	5.4	30.7	74	24	0
	208	PORT SÛDÂN	00	7	04	4	1	6	8,4		36	53	25	0
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA	05	6	22	2	1	5	4	3	40	14	08	0
	167	'ATBARA	05	5	22	2	0	6	4	2	39	26	16	0
	209	KHARTÛM	06	8	08	1	1		8,4	3	41	22	15	0
	170	KASSALA	02	8	18	2	1	8	8,4	7	34	47	21	0
CENTRAL SÛDÂN	171	WAD MEDANI	00	8	18	3	1	2	3	8	32	43	18	0
	182	RENK	01	9	20	1	1	7	8	7	28	70	22	0
	172	ROSEIRES	01	8	24	2	2	3	5	8	29	59	20	0
	174	EL OBEID	00	8	24	3	1	6	8,4	8	30	55	20	0
	175	EL FÂSHER	02	8	12	3	1	9	6		31	44	18	0
	179	GENEINA	01	8	30	2	1	7	8,4		31	49	19	0
S. SÛDÂN	176	MALAKÂL	02	8	16	1	0	10	6,4	10	28	70	22	0
	177	WÂU	01	8	12	1	1	3	8	8	30	59	21	0
	178	JUBA	01	8	30	1	1		6,4	9	28	62	20	0

At 1800 on 6th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C. TT	HUMIDITY % UU	DEW POINT °C.	RAIN 12-18 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI	00	8	12	2	0	0	-	13.6	21.2	77	17	0
	160	MATRÛH												
	134	EL DABA												
	132	ALEXANDRIA	00	6	02	2	0	0	-	11.9	25.2	67	18	0
	150	FOUAD (Airport)	00	7	29	3	0	0	-	11.5	25	74	20	0
	159	DAMIETTA	00	7	28	2	0	0	-	10.6	24.8	77	21	0
	161	PORT SAÏD	00	7	32	3	0	0	-	10	26	70	20	0
	135	EL 'ARISH	00	9	32	3	0	0	-	10.2	26.2	82	23	0
LOWER EGYPT	136	DAMANHUR	00	7	32	3	0	0	-	12.6	23.2	81	20	0
	137	MANSURA	00	6	28	2	0	0	-	11.1	25.6	68	19	0
	138	TANTA	00	8	00	0	0	0	-	11.7	25.0	75	20	0
	139	ZAGAZIG	00	6	08	1	0	0	-	11.4	24.1	85	21	0
		SHIBÎN EL KÔM	00	7	30	2	0	0	-	11.9	27.8	64	20	0
		ISMA'ÎLÎA	00	8	32	1	0	0	-	10.2	26.3	63	18	0
CAIRO AREA	928	FAROUK(Airport)	00	7	32	4	0	0	-	10	26	55	16	0
	141	ALMÂZA	00	7	02	4	0	0	-	10.2	27	49	16	0
		EZBEKÎYA	00	7	02	1	0	0	-	11.0	25.5	61	17	0
		GÎZA	00	7	02	1	0	0	-	10.8	26.0	57	17	0
	143	HELWÂN	00	7	32	5	0	0	-	10.2	27.2	45	14	0
UPPER EGYPT	153	FAIYÛM	00	8	02	2	0	0	-	8.8	27.4	42	13	0
		BENI SUEF	00	7	02	1	0	0	-	9.5	26.8	43	13	0
	162	MINYA	00	7	32	2	0	0	-	7.9	28.3	38	12	0
	155	ASYÛT	00	6	22	1	0	0	-	7.9	28.3	38	12	0
	164	NAG' HAMMÂDI	00	8	24	1	0	0	-	6.4	29.2	46	16	0
	156	QENA	00	6	24	2	0	0	-	5.8	29.3	37	13	0
	157	LUXOR	00	7	26	2	0	0	-	6	32	26	10	0
	158	ASWÂN												
OASES	148	SIWA	00	6	00	0	0	0	-	11.5	27.2	50	15	0
	149	BAHARÎYA	00	7	3	1	1	0	-	10.7	28.5	31	09	0
		FARAFRA	00	8	32	1	0	0	-	10.8	27.0	28	07	0
	152	DAKHLA	00	8	28	3	0	0	-	9.6	30.3	31	11	0
	151	KHARGA	00	7	00	0	0	0	-	8.4	32.2	17	04	0
RED SEA	144	SUEZ	00		00	0	0	0	-	8.6	26.8	48	15	0
	145	TÛR	00	8	28	4	0	0	-	5.4	30.3	51	19	0
	163	HURGHÂDA	00	7	30	5	0	-	-	5	30	46	23	0
	147	QUSEIR	00	1	30	2	0	0	-	5.8	29.0	38	25	0
	208	PORT SÛDÂN												
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÛDÂN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S. SÛDÂN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 0600 on TUESDAY 7th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESSURE M.S.L. mbs. PPP	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb TT	TEMPERATURE °C. MAXIMUM Yesterday T_xT_x	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today T_nT_n	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY % UU	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
MEDITERRANEAN	146	SIDI BARÂNI	00	9	20	2	0	0	-	12.0		25.0	28		14		46	12	0		
	160	MATRÛH	00	7	29	1	0	0	-	11		23			15		84	20	0		
	134	EL DABA																	0	11.2	
	132	ALEXANDRIA	00	9	30	2	0	0	-	10.8	-1.9	26.2	29	-1	23	0	67	19	0	20.9	18.6
	150	FOUAD (Airport)	00	7	30	2	0	0	-	10.4		27	29		22		66	20	0	21.3	13.8
	159	DAMIETTA	04	5	20	2	4	1	8	10.0	-1.7	25.0	30		18		80	21	0	8.6	10.6
	161	PORT SAÏD	05	6	24	2	0	1	1	10		25	29		23		84	22	0	5.6	8.1
	135	EL 'ARISH	00	9	18	3	0	0	-	9.8	-1.9	26.7	30	0	21	+1	69	21	0		9.4
LOWER EGYPT	136	DAMANHUR	00	7	04	3	0	0	-	11.2	-1.2	23.5	32	0	19	0	85	20	0	10.5	10.1
	137	MANSURA	00	8	02	1	0	0	-	10.0	-2.1	25.5	35	+1	18	-2	72	20	0	7.3	5.5
	138	TANTA	00	8	00	0	0	0	-	11.1	-1.4	23.0	33	-1	17	-1	88	21	0	2.6	4.4
	139	ZAGAZIG	00	6	24	2	0	0	-	10.3	-2.4	27.1	35	+1	19	0	63	19	0	3.6	2.7
		SHIBÎN EL KÔM	00	7	30	2	0	0	-	10.1	-2.4	25.2	35		19		68	19	0	3.4	
		ISMA'ÎLÎA	02	6	28	1	2	8	5	9.8		25.5	34		21		73	21	0	2.1	
CAIRO AREA	928	FAROUK(Airport)	00	7	30	1	0	2	6	10		23	34		21		74	18	0		
	141	ALMÂZA	01	7	32	1	1	7	6	9.9	-2.4	23.4	33		20		74	18	0	2.5	
		EZBEKÎYA	02	7	32	1	1	8	6	10.4	-1.9	24.1	33	0	21	0	75	19	0	3.2	2.6
		GÎZA	02	7	32	1	1	8	6	10.4	-1.9	23.1	33	0	17	-1	80	19	0	3.1	2.3
	143	HELWÂN	09	6	30	2	0	3	0	10.2	-1.7	22.4	33	0	19	-2	82	20	0	1.9	2.9
UPPER EGYPT	153	FAIYÛM	01	8	32	3	1	5	8	10.6	-1.4	24.5	34	-1	19	-1	73	19	0	1.1	1.8
		BENI SUEF	01	9	02	1	0	3	8	10.6		25.8	34		18		70	20	0	1.1	
	162	MINYA	00	7	01	4	0	0	-	10		25	33		18		78	20	0	1.2	
	155	ASYÛT	00	7	26	2	0	0	-	10.0	-1.0	24.0	34	0	19	-2	80	16	0	0.6	0.4
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	9.1	-0.7	26.3	35		18		58	17	0	0	
	156	QENA	00	8	24	2	0	0	-	9.1	-0.1	25.6	39	0	23	0	52	15	0	0.5	
	157	LUXOR	00	8	00	0	0	0	-	8		29	38		22		37	13	0	0.4	
	158	ASWÂN	00	7	00	0	0	0	-	7.9	-1.1	28.0	41	+1	24	-1	42	14	0	0.1	
OASES	148	SIWA	00	7	00	0	0	0	-	13.0	-1.3	25.8	36	0	15	-4	52	15	0	2.3	0.8
	149	BAHARÎYA	00	8	00	0	0	0	-	11.8	-1.1	24.0	35	0	16	-3	75	20	0	1.8	0.7
		FARAFRA	00	8	18	1	0	0	-	12.7		27.0	35		19		47	14	0	-	
	152	DAKHLA	00	8	00	0	0	0	-	10.3	-1.4	25.0	36	-1	20	-1	43	11	0	0.4	
	151	KHARGA	00	9	00	0	0	0	-	9.2	-1.5	25.4					54	15	0	0	
RED SEA	144	SUEZ	01	7	02	2	1	5	8	9.1	-2.1	23.8	34	0	20	-2	77	20	0	-	1.7
	145	TÛR	00	8	28	3	0	0	-	12.7		27.7	32	-1	26	+3	62	20	0	0	1.3
	163	HURGHÂDA	00	9	30	4	0	6	1	7		27	30		22		70	21	0	1	3
	147	QUSEIR	00	7	32	3	0	0	-	6.6	-1.9	30.2	31	-2			48	18	0	0	0.4
	208	PORT SÛDÂN																	0	29.2	10.6
NORTH SÛDÂN	165	WADI HALFA																	0	0.4	
	166	KAREIMA																	0	0.2	0.6
	167	'ATBARA																	0	0.6	0.6
	209	KHARTÛM																	0	6.6	15.0
	170	KASSALA																	0	15.4	28.3
CENTRAL SÛDÂN	171	WAD MEDANI																	0	28.7	35.2
	182	RENK																	0		45.0
	172	ROSEIRES																	0	56.8	69.9
	174	EL OBEID																	0	42.0	31.3
	175	EL FÂSHER																	0	12.6	29.6
	179	GENEINA																	0		52.4
S. SÛDÂN	176	MALAKÂL																	0	77.4	73.0
	177	WÂU																	0	81.8	97.6
	178	JUBA																	0	80.8	88.0

HUMIDITY
Mean of day %

STATION	on 6th	Diff. from normal
Alexandria	66	- 3
Ezbekiya	67	+ 4
Giza	65	- 1
Helwân	57	+ 4

GIZA
GRASS MINIMUM TEMP
ON 7th 13.0 °C

Remarks

UPPER AIR OBSERVATIONS on 6th
DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA
AEROPLANE ASCENT
ON 6th AT 14 15

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C	WIND DD	WIND VV
SURFACE	997	31	25	360	4
500	982	31	20	360	4
1000	964	29	19		
1500	947	29	18		
2000	930	27	17		
4000	864	21	14		
6000	801	18	7		
8000	743	17	5		
10000	688	16	4		
12000	636	14	1		
14000	588	9	-1		
16000	542	6	-2		
18000	499	4	-2		
20000	460	-2	-4		

FAROUK AIRPORT
RAWINSONDE
ON 7th AT 4

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE					
1000	290	20	95	360	4
950					
900	3240	14	65	360	14
850	4810	13	25	350	22
800	6490	15	-	350	35
700	10170	12	-	350	19
600	14330	4	-	330	25
500	19130	-2	-	330	28
400		-13	-		
300	31820	-27	-	230	20
250					
200	40930	-48	-	200	16
150					
100	55250	-68	-	260	25

STATION	MINYA											
TIME	15											
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	360	26										
500	10	19										
1000	360	29										
1500	350	24										
2000	320	9										
3000												
4000												
5000												
6000												
7000												
8000												

STATION												
TIME												
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200												
500												
1000												
1500												
2000												
3000												
4000												
5000												
6000												
7000												
8000												

UPPER AIR OBSERVATIONS on 7th
DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			4		3				4				6 30		3 15				5 45		5		5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			320	8	330	15			350	6			330	8	360	23			320	1	10	5	170	8
500			330	7	340	10			350	9			350	10	10	22			330	12	10	19	180	5
1000			320	5	330	10			360	10			10	19	360	16			350	17	350	10	010	10
1500			330	16					350	18			20	16	350	22			320	12	330	14	350	26
2000			330	22					360	31			350	32	360	22					290	14	340	30
3000			330	33					300	17											250	32	10	39
4000																							350	30
5000									310	24														
6000									320	12														
7000																								
8000									230	15														

STATION	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME			5				8																	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			360	3			330	36																
500			10	11			320	36																
1000			350	22			310	20																
1500			360	21			320	16																
2000			20	20																				
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

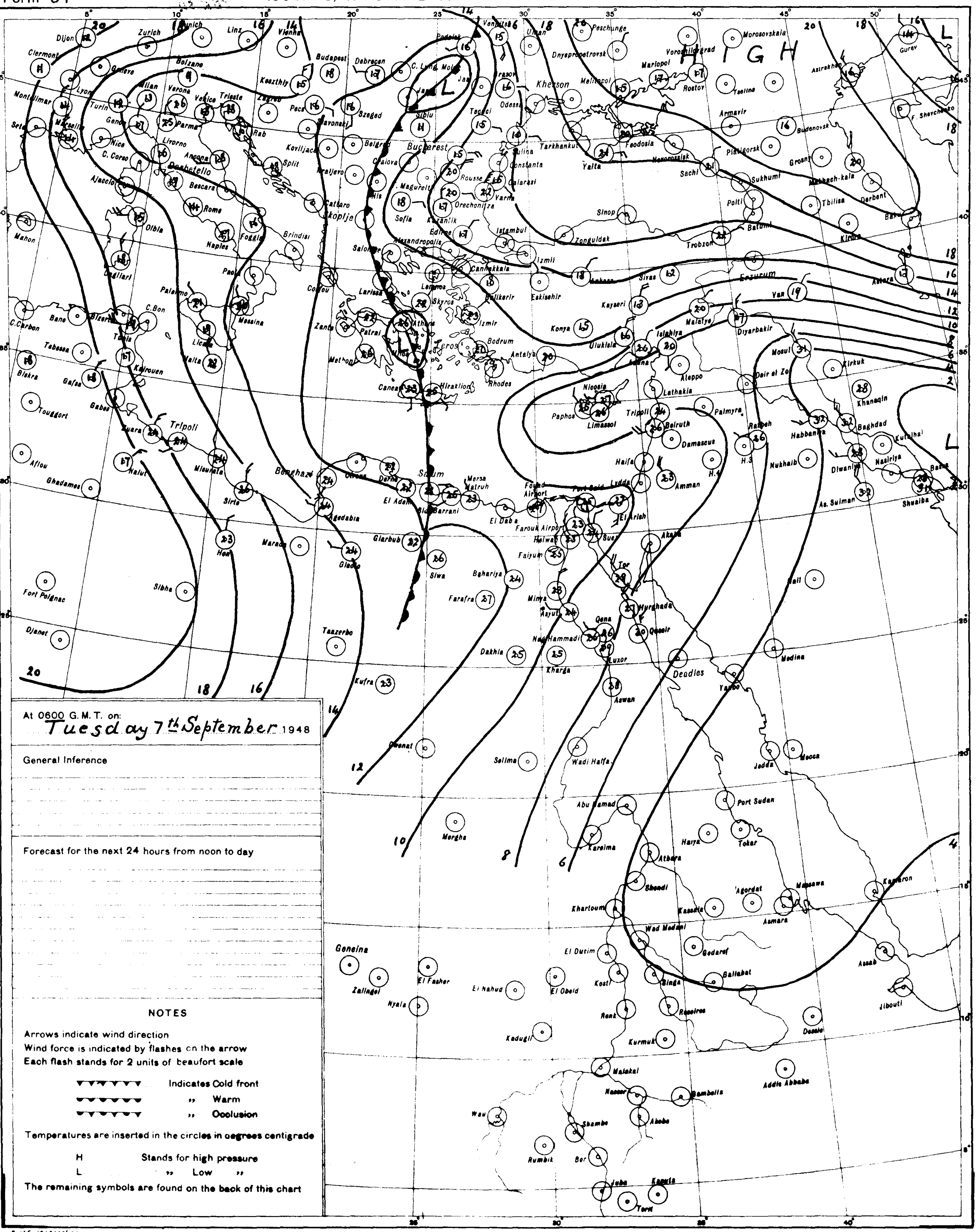
WIND DIRECTION (DD)
is on Scale 01-32 e.g
08 = East, 16 = South
24 = West, 32 = North,
00 is Calm

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G. M. T. on: Tuesday 7th September 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04.35 G.M.T.
" " Sunset 16.09 G.M.T

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

DAILY WEATHER REPORT

Date: WEDNESDAY 8th SEPTEMBER, 1948.

Form 91

AREA	INDEX NUMBER	STATION	At 1200 on TUESDAY 7th: PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms	At 1800 on 7th: PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	00	9	30	2	0	0	-	11.2	25.2			0	00	8	08	1	0	0	-	11.4	24.0	71	18	0
	160	MATRÛH												0												0
	134	EL DABA												0												0
	132	ALEXANDRIA	00	9	28	4	0	0	-	10.7	28.2	67	21	0	00	6	32	1	0	0	-	11.2	25.0	75	20	0
	150	FOUAD (Airport)	00	7	28	3	0	0	-	10.5	28	58	19	0	00	7	28	1	0	0	-	10.7	25	74	20	0
	159	DAMIETTA	00	8	28	2	1	0	-	9.5	28.0	58	19	0	00	6	28	1	0	0	-	9.9	24.8	77	21	0
	161	PORT SAÏD	00	8	31	3	0	0	-	9	28	66	21	0	00	7	32	4	0	0	-	10	26	74	21	0
	135	EL 'ARISH	00	9	30	3	0	0	-	8.5	28.7			0	00	9	30	3	0	0	-	9.5	24.3	69	20	0
LOWER EGYPT	136	DAMANHUR	00	7	28	3	0	0	-	10.5	30.5	43	16	0	00	7	32	2	0	0	-	11.9	23.5	83	21	0
	137	MANSURA	00	8	32	2	0	0	-	9.1	33.5	32	15	0	00	6	32	2	0	0	-	10.6	24.5	76	19	0
	138	TANTA	00	8	28	2	0	0	-	10.0	33.5	33	16	0	00	8	00	0	0	0	-	11.1	23.6	78	20	0
	139	ZAGAZIG	00	6	24	2	0	0	-	9.2	33.4	50	21	0	00	6	24	2	0	0	-	10.2	27.4	70	21	0
		SHIBÎN EL KÔM	00	8	30	3	0	0	-	9.8	33.4	35	16	0	00	7	30	2	0	0	-	10.4	26.9	68	21	0
		ISMAÎLÎA	00	8	30	2	0	0	-	6.8	34.0	18	06	0	00	7	02	1	0	0	-	10.0	26.7	65	20	0
CAIRO AREA	928	FAROUK(Airport)	00	8	32	4	0	0	-	10	32	28	11	0	00	7	32	4	0	0	-	10	27	45	14	0
	141	ALMÂZA	00	8	30	2	0	0	-	9.1	32.3	31	14	0	00	7	02	2	0	0	-	9.9	26.5	48	12	0
		EZBEKÎYA	00	8	28	1	0	0	-	9.1	32.3	38	16	0	00	7	00	0	0	0	-	10.3	26.0	57	17	0
		GÎZA	00	8	28	1	0	0	-	9.1	32.8	33	14	0	00	7	00	0	0	0	-	10.3	25.1	56	16	0
	143	HELWÂN	00	7	28	4	0	0	-	8.4	32.0	29	12	0	00	7	30	4	0	0	-	9.9	27.2	43	13	0
UPPER EGYPT	153	FAIYÛM	00	8	32	1	0	0	-	9.7	32.4	28	11	0	00	8	02	2	0	0	-	8.3	27.8	45	15	0
		BENI SUEF	00	9	02	1	0	0	-	9.7	32.5	34	16	0	00	9	02	1	0	0	-	8.8	26.9	45	14	0
	162	MINYA	00	8	03	4	0	0	-	9	32	38	16	0	00	7	01	2	0	0	-	9	24	61	16	0
	155	ASYÛT	00	8	22	1	0	0	-	7.4	33.3	25	10	0	00	6	22	1	0	0	-	8.4	28.8	29	09	0
	164	NAG' HAMMÂDI	00	8	28	2	0	0	-	5.4	34.9	35	17	0	00	8	24	1	0	0	-	7.5	28.7	42	15	0
	156	QENA	00	9	22	3	0	0	-	5.3	38.2	24	14	0	00	6	22	3	0	0	-	7.2	32.6	19	06	0
	157	LUXOR	00	8	28	2	0	6	1	5	38	11	03	0	00	7	26	2	0	0	-	5	32	17	04	0
	158	ASWÂN	00	9	30	3	0	0	-	5.0	37.6	20	11	0	00	9	32	1	0	0	-	5.4	35.0	15	05	0
OASES	148	SIWA	00	8	28	2	0	0	-	12.3	38.5	47	24	0	00	6	00	0	0	0	-	10.6	31.5	58	23	0
	149	BAHARÎYA	00	8	32	1	0	0	-	10.0	32.5	24	09	0	00	7	32	1	0	0	-	10.2	28.0	27	07	0
		FARAFRA												0	00	7	32	1	0	0	-	10.7	28.2	28	08	0
	152	DAKHLA	00	9	32	4	0	0	-	7.7	35.1	14	05	0	00	8	00	0	0	0	-	10.0	30.4	25	08	0
	151	KHARGA	00	9	32	3	0	0	-	7.5	37.3	08	-2	0	00	7	32	1	0	0	-	8.0	30.0	19	03	0
RED SEA	144	SUEZ	00	8	00	0	0	0	-	7.1	32.0	23	08	0	00		32	2	0	0	-	8.4	27.1	46	14	0
	145	TÛR	00		28	4	0	0	-	5.5	31.2	37	14	0	00	8	28	3	0	0	-	5.5	31.0	42	16	0
	163	HURGHÂDA	00	9	02	4	0	0	-	5	29	74	24	0	00	8	29	4	0	0	-	6	29	66	22	0
	147	QUSEIR	00	8	32	2	0	0	-	5.8	31.2	49	25	0	00	7	28	2	0	0	-	5.8	28.7	67	22	0
	208	PORT SÛDÂN	01	8	06	4	1	3	8,1	3	36	40	20	0												0
NORTH SÛDÂN	165	WADI HALFA																								
	166	KAREIMA	01	8	06	1	1	3	4	3	41	20	14	0												
	167	'ATBARA	14	8	22	4	1	9	4	4	37	24	13	0												
	209	KHARTÛM	01	8	20	3	1	5	8,4	6	34	34	16	0												
	170	KASSALA	01	8	18	1	1	3	8,4	5	34	31	16	0												
CENTRAL SÛDÂN	171	WAD MEDANI	02	8	24	2	6	10	9	7	27	66	20	R												
	182	RENK	01	9	20	1	1	7	8	7	32	56	22	0												
	172	ROSEIRES	01	8	20	2	2	3	5	8	28	58	19	0												
	174	EL OBEID	02	8	02	2	0	9	8,2	5	34	41	19	0												
	175	EL FÂSHER	01	8	16	2	0	3	8		33	44	19	0												
	179	GENEINA	01	8	08	0	1	7	8		30	62	22	0												
S. SÛDÂN	176	MALAKÂL	01	8	00	0	1	5	8,4	7	32	66	25	0												
	177	WÂU	01	8	24	1	1	5	8,4	6	32	49	20	0												
	178	JUBA	01	8	02	1	1	5	8,4	7	32	49	20	0												

AREA	STATION	At 0600 on WEDNESDAY 8th: PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE MAXIMUM Yesterday	TEMPERATURE MAXIMUM Diff. from norm.	TEMPERATURE MINIMUM Today	TEMPERATURE MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL Total From Oct. 1	RAINFALL Norm. From Oct. 1	STATION	AREA
		ww	V	DD	F	W		C	PPP		TT	TxTx		TnTn		UU						
MEDITERRANEAN	SIDI BARÂNI																				SIDI BARÂNI	MEDITERRANEAN
	MATRÛH	00	8	29	3	0	0	-	12		25			15		70	17	0			MATRÛH	
	EL DABA'																	0	11.7		EL DABA'	
	ALEXANDRIA	00	9	32	1	0	0	-	11.0	-1.8	26.0	29	-1	23	0	72	21	0	209	186	ALEXANDRIA	
	FOUAD (Airport)	00	7	00	0	0	0	-	9.5		27	33		22		70	21	0	213	138	FOUAD (Airport)	
	DAMIETTA	01	7	18	2	1	3	9	10.3	-1.6	24.9	29		18		83	22	0	85	106	DAMIETTA	
	PORT SAÏD	01	7	24	2	1	5	6	10		25	29		24		84	22	0	56	81	PORT SAÏD	
	EL 'ARISH	00	9	22	3	0	1	8	10.0	-1.8	27.9	30	0	19	-1	69	22	0		94	EL 'ARISH	
LOWER EGYPT	DAMANHUR	00	7	24	3	0	0	-	10.0	-1.5	23.0	31	-1	18	-1	91	21	0	105	101	DAMANHÛR	LOWER EGYPT
	MANSURA	00	8	32	1	0	0	-	10.6	-1.2	22.8	34	0	18	-2	84	20	0	73	55	MANSÛRA	
	TANTA	00	8	00	0	0	0	-	11.5	-1.1	21.2	34	+1	16	-2	92	20	0	26	44	TANTA	
	ZAGAZIG	00	6	08	2	0	0	-	10.2	-2.6	21.8	35	+1	18	-1	86	19	0	36	27	ZAGAZIG	
	SHIBÎN EL KÔM	09	6	28	1	1	5	8	11.1	-1.5	22.1	34		18		81	19	0	34		SHIBÎN EL KÔM	
	ISMAÎLÎA	01	7	00	0	1	5		10.0		26.4	34		21		66	19	0	21		ISMAÎLÎA	
CAIRO AREA	FAROUK(Airport)	00	7	04	2	0	6	8	10		24	33		20		74	19	0			FAROUK(Airport)	CAIRO AREA
	ALMÂZA	00	7	04	1	0	0	-	10.0	-2.4	23.8	33		20		72	18	0	25		ALMÂZA	
	EZBEKÎYA	00	7	00	0	0	0	-	10.3	-2.1	23.4	33	0	21	0	79	19	0	32	24	EZBEKÎYA	
	GÎZA	00	7	00	0	0	0	-	10.2	-2.2	24.0	33	0	17	-1	79	20	0	31	27	GÎZA	
	HELWÂN	00	7	32	3	0	0	-	10.0	-2.0	23.8	33	0	20	0	66	17	0	19	27	HELWÂN	
UPPER EGYPT	FAIYÛM	00	8	32	2	0	0	-	10.3	-1.9	23.8	34	0	19	-1	77	20	0	11	8	FAIYÛM	UPPER EGYPT
	BENI SUEF	00	9	02	1	0	0	-	9.0		24.1	34		17		74	19	0	11		BENI SUEF	
	MINYA	00	7	01	3	0	0	-	9		23	34		17		74	18	0	12		MINYA	
	ASYÛT	00	7	26	1	0	0	-	9.1	-2.0	24.2	35	+1	19	-2	59	15	0	44	4	ASYÛT	
	NAG' HAMMÂDI	00	8	00	0	0	0	-	7.8	-2.1	27.0	35		17		54	17	0	0		NAG' HAMMÂDI	
	QENA	01	8	24	2	0	3		7.2	-2.2	25.0	41	+2	22	-1	47	13	0	5		QENA	
	LUXOR	01	8	00	0	0	5	2	7		28	38		20		33	10	0	dr		LUXOR	
	ASWÂN	01	7	00	0	1	3	1	7.6	-1.5	28.2	39	-1	23	-2	48	16	0	44		ASWÂN	
OASES	SIWA	00	7	00	0	0	0	-	11.9	-2.5	34.5					44	17	0	23	8	SIWA	OASES
	BAHARIYA	00	8	00	0	0	0	-	11.6	-1.4	28.5	34	-1	15	-4	52	14	0	18	7	BAHARIYA	
	FARAFRA	00	8	00	0	0	0	-	11.0		28.8	36		14		42	10	0	-		FARAFRA	
	DAKHLA	00	8	00	0	0	0	-	9.7	-2.1	24.3	36	-1	19	-2	33	07	0	dr		DAKHLA	
	KHARGA	00	9	00	0	0	0	-	8.7	-2.1	21.7	37	0	19	-3	45	09	0	0		KHARGA	
RED SEA	SUEZ	00	8	32	2	0	0	-	8.6	-2.7	24.5	33	-1	21	-1	75	19	0	-	17	SUEZ	RED SEA
	TOR	00	8	28	3	0	0	-	7.4	-1.2	28.0	32	0	24	+1	54	18	0	0	13	TOR	
	HURGHADA	00	9	30	4	0	6	1	9.7	-2.1	24.3	36	-1	19	-2	33	07	0	1	3	HURGHADA	
	QUSEIR	00	8	32	2	0	0	-	6.4	-2.2	30.8	32	-1	25	-1	57	20	0	0	4	QUSEIR	
	PORT SUDAN																	0	29.2	10.6	PORT SUDAN	
NORTH SÛDÂN	WÂDI HALFA																	0	6		WÂDI HALFA	NORTH SÛDÂN
	KAREIMA																	0	6'	26	KAREIMA	
	'ATBARA																	0	6	66	'ATBARA	
	KHARTÛM																	0	66	151	KHARTÛM	
	KASSALA																	3	157	285	KASSALA	
CENTRAL SÛDÂN	WAD MEDANI																	51	338	355	WAD MEDANI	CENTRAL SÛDÂN
	RENK																	0	-	454	RENK	
	ROSEIRES																	0	568	707	ROSEIRES	
	EL OBEID																	6	420	316	EL OBEID	
	EL FÂSHER																	0	126	298	EL FÂSHER	
	GENEINA																	0	-	527	GENEINA	
S. SÛDÂN	MALAKÂL																	0	774	735	MALAKAL	S. SÛDÂN
	WÂU																	1	819	782	WÂU	
	JUBA																	0	808	884	JUBA	

HUMIDITY

Mean % of day

STATION	on 7th	Diff. from normal
Alexandria	69	0
Ezbekîya	60	- 3
Gîza	63	- 3
Helwân	56	+ 3

GIZA
GRASS MINIMUM TEMP
ON 8th 14.4 °C

Remarks

UPPER AIR OBSERVATIONS on 7th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA
AEROPLANE ASCENT
ON 7th AT 14 15

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C
SURFACE	1000	31	24
500	982	31	26
1000	964	29	19
1500	947	29	18
2000	930	27	17
4000	864	21	14
6000	801	18	7
8000	743	17	5
10000	688	16	4
12000	634	12	1
14000	588	9	-1
16000	542	6	-2
18000	499	3	-2
20000	460	-2	-4

FAROUK AIRPORT
RAWINSONDE
ON ___ AT ___

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					
250					
200					
150					
100					

STATION	FOUAD. AP				MINYA											
TIME	15	15			15											
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	330	16			10	22										
500	320	15			10	30										
1000	330	16			10	30										
1500	360	10			360	28										
2000	340	14			330	14										
3000	350	14														
4000																
5000																
6000																
7000																
8000																

STATION																
TIME																
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200																
500																
1000																
1500																
2000																
3000																
4000																
5000																
6000																
7000																
8000																

UPPER AIR OBSERVATIONS on 8th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			4				4	15					6	45	3				5	30	5		5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			300	16			320	16					30	10	10	16					340	3	240	21
500			310	6			320	11					40	13	20	16			270	2	360	14	300	22
1000			300	3			340	8					40	23	20	17			320	9	330	5	360	9
1500			10	16			350	15					40	21	20	16			190	7	300	3	10	16
2000			340	20			340	6					60	14	20	17			200	5	360	5	40	26
3000			360	16			320	2															320	30
4000			350	16			320	2																
5000																								
6000																								
7000																								
8000																								

STATION	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME			5																					
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			330	3																				
500			20	3																				
1000			340	6																				
1500			300	16																				
2000			280	36																				
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

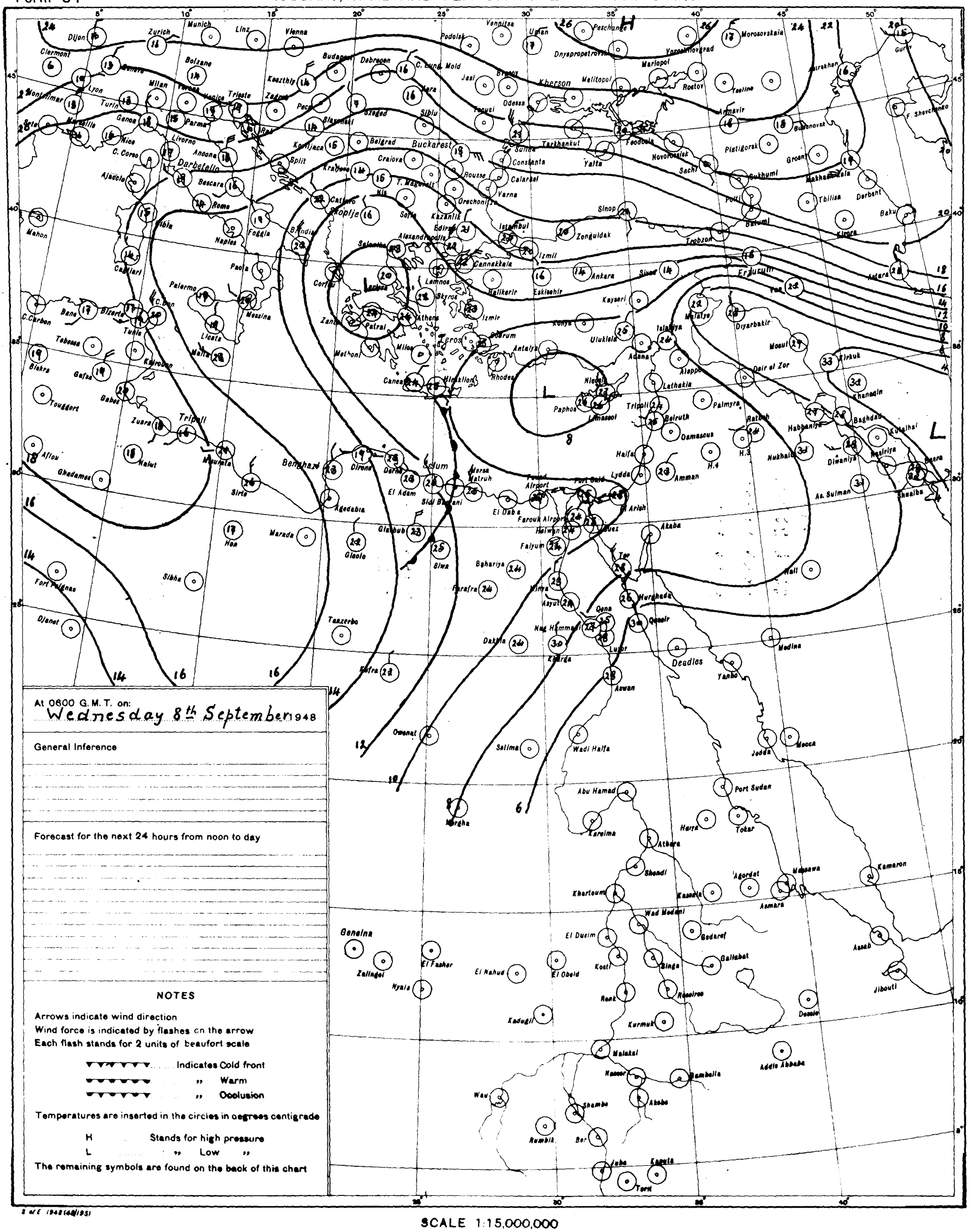
	K P H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G. M. T. on:
Wednesday 8th September 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 36 G.M.T.
" " Sunset 16 08 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: THURSDAY 9th SEPTEMBER, 1948.

At 1200 on WEDNESDAY 8th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	01	9	28	4	1	3	8	12.2	28.0	65	21	0
	160	MATRÛH												0
	134	EL DABA												0
	132	ALEXANDRIA	00	9	30	4	0	0	-	10.2	28.0	63	20	0
	150	FOUAD (Airport)	00	7	29	2	0	0	-	10.8	29	59	20	0
	159	DAMIETTA	00	8	28	4	1	0	-	10.0	29.0	51	18	0
	161	PORT SAÏD	00	7	32	4	0	0	-	10	28	70	22	0
	135	EL 'ARISH	00	9	32	3	0	0	-	9.4	28.4	63	20	0
LOWER EGYPT	136	DAMANHUR	00	7	32	3	0	0	-	10.4	31.8	31	13	0
	137	MANŞURA	00	8	32	2	0	0	-	9.8	34.0	33	16	0
	138	ṬANṬA	00	8	28	3	0	0	-	10.2	34.5	34	16	0
	139	ZAGAZIG	00	6	32	2	0	0	-	9.2	33.6	44	21	0
		SHIBÎN EL KÔM	00	8	28	3	0	0	-	10.0	34.4	35	16	0
		ISMAÏLÎA	00	8	32	2	0	0	-	8.7	34.2	22	09	0
CAIRO AREA	928	FAROUK(Airport)	00	8	32	3	0	0	-	9	33	30	13	0
	141	ALMÂZA	00	8	04	2	0	0	-	8.9	32.4	32	14	0
		EZBEKÎYA	00	8	02	2	0	0	-	9.1	32.9	36	16	0
		GÎZA	00	8	02	2	0	0	-	9.2	33.0	33	14	0
	143	HELWÂN	00	7	30	6	0	0	-	8.2	33.0	26	11	0
UPPER EGYPT	153	FAIYÛM	00	8	32	3	0	0	-	8.3	34.0	18	06	0
		BENI SUEF	00	9	02	2	0	0	-	7.6	35.3	22	10	0
	162	MINYA	00	8	01	4	0	1	1	8	34	27	12	0
	155	ASYÛṬ	00	8	26	1	0	0	-	7.2	33.3	25	10	0
	164	NAG' HAMMÂDI	00	8	24	1	0	0	-	5.9	35.0	34	17	0
	156	QENA	01	9	22	3	1	3	1	5.2	37.0	24	13	0
	157	LUXOR	00	8	22	2	1	1	1	6	37	33	18	0
	158	ASWÂN	00	9	24	1	0	0	-	5.1	38.0	20	12	0
OASES	148	SIWA	00	8	00	0	0	0	-	10.3	36.5	51	24	0
	149	BAHARÎYA	00	8	32	1	0	0	-	9.5	34.0	18	06	0
		FARAFRA												0
	152	DAKHLA	00	9	32	4	0	0	-	8.1	33.6	17	06	0
	151	KHARGA	00	9	32	2	0	0	-	7.0	34.9	14	04	0
RED SEA	144	SUEZ	00	8	32	3	0	0	-	6.2	32.4	26	10	0
	145	TÛR	00	8	28	3	0	0	-	6.6	30.0	59	21	0
	163	HURGHÂDA	00	7	02	2	0	1	1	6	29	70	23	0
	147	QUSEIR	00	8	02	3	0	0	-	6.3	30.3	72	24	0
	208	PORT SÛDÂN	00	9	04	4	1	1	8		36			
NORTH SÛDÂN	165	WADI HALFA												0
	166	KAREIMA	02	8	28	2	1	8	1	4	41			0
	167	'ATBARA	01	8	20	2	1	5	2	2	41	18	12	0
	209	KHARTÛM	00	9	24	3	0	1	8,1	4	38	25	15	0
	170	KASSALA												
CENTRAL SÛDÂN	171	WAD MEDANI	00	8			0	0	-	7	32	59	23	0
	182	RENK												0
	172	ROSEIRES												0
	174	EL OBEID	01	8	26	4	1	3	9,1	5	33	44	19	0
	175	EL FÂSHER	02	8	12	3	1	8	6		37	31	16	0
	179	GENEINA												
S. SÛDÂN	176	MALAKÂL	01	8	20	2	1	7	8,4	6	32	63	24	0
	177	WÂU												0
	178	JUBA	01	8		1	1	7	8,4	1	32	49	20	0

At 1800 on 8th

PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
ww	V	DD	F	W		C	PPP	TT	UU		
00	8	30	3	0	1	8	13.5	24.9	71	19	0
01	6	32	2	1	3	8	12.0	25.2	79	21	0
00	7	31	1	0-	0	-	11.5	25	84	22	0
00	7	28	2	0	0	-	10.6	25.0	77	21	0
00	7	32	4	0	0	-	11	27	70	21	0
00	9	32	3	0	0	-	9.4	26.4	77	22	0
00	7	32	3	0	0	-	11.4	24.2	78	20	0
00	6	32	2	0	0	-	11.1	25.0	61	17	0
00	8	00	0	0	0	-	11.9	24.3	75	19	0
00	6	32	2	0	0	-	11.8	24.9	83	21	0
00	7	28	2	0	0	-	10.6	27.6	65	21	0
00	7	04	2	0	0	-	10.8	29.0	46	16	0
00	9	32	4	0	0	-	10	28	47	16	0
00	7	02	2	0	0	-	10	28	44	15	0
00	7	32	1	0	0	-	11.1	26.0	55	16	0
00	7	32	1	0	0	-	10.7	26.5	52	15	0
00	7	30	6	0	0	-	9.7	28.4	40	13	0
00	8	32	1	0	0	-	8.8	28.0	44	15	0
00	7	02	1	0	0	-	9.0	28.7	43	15	0
00	7	32	2	0	0	-	8	24	47	12	0
00	6	20	1	0	0	-	8.3	26.5	40	11	0
00	8	00	0	0	0	-	6.0	27.5	52	17	0
01	6	24	2	1	3	1	5.5	29.6	39	15	0
00	7	00	0	0	0	-	6	30	38	14	0
		00	0	0	0	-	5.9	35.6	19	09	0
00	6	00	0	0	0	-	11.4	31.2	60	22	0
00	7	32	1	0	0	-	10.2	29.3	32	11	0
00	8	00	0	0	0	-	8.3	30.3	24	07	0
00	7	00	0	0	0	-	7.5	30.0	26	08	0
		32	1	0	0	-	8.8	26.4	39	11	0
00	8	28	2	0	0	-	6.7	27.6	56	16	0
00	8	29	2	0	0	-	6	28	58	19	0
00	8	08	1	0	0	-	6.2	28.6	85	25	0

At 0600 on THURSDAY 9th

PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. MAXIMUM Yesterday	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
ww	V	DD	F	W		C	PPP		TT	TxTx		TnTn		UU				
01	7	28	3	1	5	8	13.6		25.5	28		21		65	19	0		
01	8	29	4	0	5	6	13		25			23		70	20	0		
																0	117	
01	7	32	2	2	5	4	12.3	-0.6	25.7	30	0	23	0	68	19	0	209	186
00	7	30	2	1	2	6	12.3		26	30		22		70	20	0	213	138
01	8	28	3	1	5	6	11.2	-0.8	25.9	30		21		76	21	0	85	106
01	7	31	2	1	5	6	11		26	29		25		70	20	0	56	81
00	9	24	3	0	6	8	9.8	-2.2	27.4	29	-1	21	+1	71	21	0		94
01	7	32	3	1	3	8	11.9	-0.8	26.0	33	+1	20	+1	72	20	0	105	101
01	7	02	2	1	3	4	11.9	-0.4	26.0	35	+2	22	+2	73	21	0	73	55
00	8	00	0	0	0	-	12.4	-0.3	24.0	35	+2	17	-1	83	21	0	26	44
6	6	32	2	2	7	8	10.4	-2.5	22.4	35	+1	18	-	95	21	0	36	27
00	7	30	2	0	1	8	12.4	-0.3	23.6	35		19		84	21	0	34	
01	7	02	1	1	5	6	11.1		27.0	34		21		70	21	0	21	
00	7	04	3	0	2	6	12		23	34		20		74	18	0		
01	7	04	1	1	3	6	12.0	-0.5	23.5	34		20		81	19	0	25	
01	7	02	1	1	5	8	11.9	-0.6	24.3	34	+1	21	0	83	21	0	32	26
01	7	02	1	1	5	8	11.6	-0.9	24.0	34	+1	19	+1	83	21	0	31	27
00	6	32	5	0	1	6	11.6	-0.6	24.0	34	+1	21	+1	71	18	0	19	29
01	8	02	3	1	5	8	11.5	-0.8	25.0	35	+1	20	0	74	20	0	11	8
00	9	02	2	0	0	-	10.8		25.9	35		18		73	21	0	11	
01	7	02	4	1	3	6	10		24	34		19		79	20	0	12	
00	7	26	1	0	0	-	10.0	-1.2	24.1	34	0	19	-2	60	14	0	dr	4
00	8	00	0	0	0	-	8.4	-1.6	27.0	36		19		59	18	0	0	
00	8	22	2	0	0	-	8.3	-1.2	26.2	38	-1	22	-1	62	18	0	5	
00	8	00	0	0	0	-	8		28	38		19		57	12	0	dr	
00	9	00	0	0	0	-	8.3	-1.1	27.3	40	0	23	-2	42	13	0	dr	
00	7	32	2	0	0	-	14.3	-2	25.7	38	+2	17	-1	62	18	0	23	8
01	7	32	2	1	3	4	12.0	-1	23.0	35	+1	20	+1	83	20	0	18	7
																0	-	
00	8	00	0	0	0	-	9.8	-2.1	25.2	35	-2	21	0	48	13	0	dr	
00	9	32	4	0	0	-	8.6	-2.7	28.4	36	-1	25	+3	39	13	0	0	
01	7	32	1	1	5	8	11.0	-0.4	24.6	34	0	22	0	77	21	0	-	12
00	8	28	3	0	0	-	8.2	-0.6	27.8	32	0	24	+1	60	20	0	0	13
00	9	30	1	0	0	-	9		28	29		23		74	23	0	1	3
00	8	32	2	0	0	-	7.6	-1.1	30.7	32	-1	24	-2	54	21	0	0	4
																0	292	106
																0	2	
																0	6	24
																0	1	66
																0	11	151
																14	171	288
																1	339	357
																0		457
																6	568	715
																0	420	319
																0	126	299
																0		530
																43	817	740
																0	819	984
																2	810	888

AREA	STATION	AREA
MEDITERRANEAN	SIDI BARÂNI	MEDITERRANEAN
	MATRÛH	
	EL DABA	
	ALEXANDRIA	
	FOUAD (Airport)	
	DAMIETTA	
	PORT SAÏD	
	EL 'ARISH	
LOWER EGYPT	DAMANHÛR	LOWER EGYPT
	MANŞURA	
	ṬANṬA	
	ZAGAZIG	
	SHIBÎN EL KÔM	
	ISMAÏLÎA	
CAIRO AREA	FAROUK(Airport)	CAIRO AREA
	ALMÂZA	
	EZBEKÎYA	
	GÎZA	
	HELWÂN	
UPPER EGYPT	FAIYÛM	UPPER EGYPT
	BENI SUEF	
	MINYA	
	ASYÛṬ	
	NAG' HAMMÂDI	
	QENA	
	LUXOR	
	ASWÂN	
OASES	SIWA	OASES
	BAHARÎYA	
	FARAFRA	
	DAKHLA	
	KHARGA	
RED SEA	SUEZ	RED SEA
	TÛR	
	HURGHÂDA	
	QUSEIR	
	PORT SUDAN	
NORTH SÛDÂN	WÂDI HALFA	NORTH SÛDÂN
	KAREIMA	
	'ATBARA	
	KHARTÛM	
	KASSALA	
CENTRAL SÛDÂN	WAD MEDANI	CENTRAL SÛDÂN
	RENK	
	ROSEIRES	
	EL OBEID	
	EL FÂSHER	
	GENEINA	
S. SÛDÂN	MALAKÂL	S. SÛDÂN
	WÂU	
	JUBA	

HUMIDITY

Mean % of day

STATION	on 8th	Diff. from normal
Alexandria	74	+6
Ebeklya	61	-2
Giza	60	-6
Helwân	49	-4

GIZA GRASS MINIMUM TEMP

ON 9th 15.1°C

Remarks

UPPER AIR OBSERVATIONS on 8th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT

ON 7th AT 13 30

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C
SURFACE	999	32	25
500	982	32	21
1000	964	31	20
1500	945	30	19
2000	923	28	18
4000	862	22	15
6000	800	20	7
8000	741	19	6
10000	686	16	4
12000	635	12	2
14000	586	8	-1
16000	541	7	-3
18000	498	2	-3
20000	459	-3	-3

FAROUK AIRPORT RAWINSONDE

ON ... AT ...

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					
250					
200					
150					
100					

STATION	FOUAD. A.P				Minya									
TIME	15				15									
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	330	10			350	25								
500	320	10			350	30								
1000	320	11			360	25								
1500	320	16			10	26								
2000	310	21			30	28								
3000														
4000														
5000														
6000														
7000														
8000														

STATION														
TIME														
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200														
500														
1000														
1500														
2000														
3000														
4000														
5000														
6000														
7000														
8000														

UPPER AIR OBSERVATIONS on 9th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛṬ		LUXOR		ASWÂN		SIWA	
TIME			4		3		3 30						6 30		3 30				5 45		5		5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			340	12	340	10	340	9					10	10	360	23			280	13			10	17
500			340	11	340	10	350	8					360	8	20	36			40	4	30	5	20	14
1000			350	14	330	12	360	5					30	14	20	38			80	7	360	3	40	12
1500			320	21	ENT. Sc		330	8					20	14	60	59			80	7	240	8	310	8
2000			300	19									20	24					110	7			270	11
3000													80	5									260	29
4000													260	5									290	28
5000													230	12										
6000													270	10										
7000													240	12										
8000													240	15										

STATION	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME			5				8																	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			10	8			140	3																
500			30	22			320	19																
1000			20	35			320	23																
1500			360	25			320	16																
2000			10	31																				
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

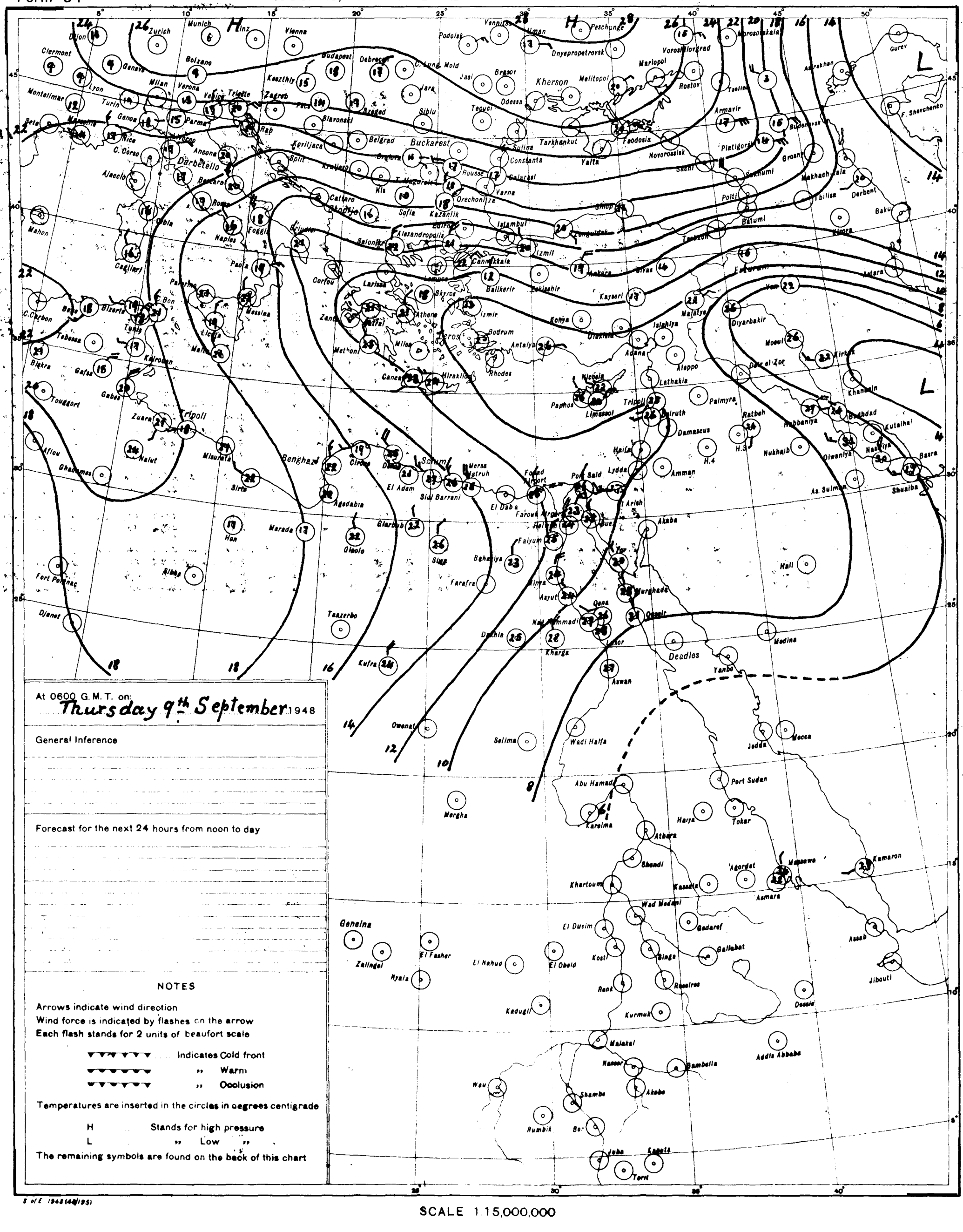
	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: Thursday 9th September 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

S of E 1948 (48/193)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 37 G.M.T.
" " Sunset 16 07 G.M.T.

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

Form 91

DAILY WEATHER REPORT

Date : FRIDAY 10th SEPTEMBER , 1948.

At 1200 on THURSDAY 9th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	01	9	30	4	1	5	8	13.8	27.9	64	21	0
	160	MATRÛH												
	134	EL DABA	01	8	02	3	1	5	8	12.6	27.0	79	23	0
	132	ALEXANDRIA	01	9	32	2	2	5	4	12.3	27.7	75	22	0
	150	FOUAD (Airport)	00	7	28	3	0	1	6	12.2	29	55	19	0
	159	DAMIETTA	00	8	28	3	1	1	4	11.0	27.3	64	19	0
	161	PORT SA'ID	00	8	31	3	0	0	-	11	28	70	22	0
	135	EL 'ARISH	00	9	30	3	0	0	-	10.6	28.1	64	21	0
LOWER EGYPT	136	DAMANHUR	00	7	32	3	0	0	-	12.3	29.5	49	17	0
	137	MANSURA	00	8	32	2	1	0	-	11.4	31.4	42	16	0
	138	ṬANṬA	00	8	24	3	0	0	-	11.8	32.0	43	18	0
	139	ZAGAZIG	00	6	32	2	0	0	-	10.7	32.8	58	22	0
		SHIBÎN EL KÔM	00	8	30	3	0	0	-	11.4	33.0	40	18	0
		ISMAÎLÎA	00	8	02	1	0	0	-	10.0	33.1	45	19	0
CAIRO AREA	928	FAROUK(Airport)	00	8	32	4	0	0	-	10	31	40	17	0
	141	ALMÂZA	00	8	32	2	0	0	-	10	32	40	16	0
		EZBEKÎYA	00	8	00	0	0	0	-	10.6	32.0	49	19	0
		GÎZA	00	8	00	0	0	0	-	10.4	32.0	45	19	0
	143	HELWÂN	00	7	30	4	0	0	-	9.9	32.2	34	14	0
UPPER EGYPT	153	FAIYÛM	00	8	32	3	0	0	-	9.8	33.0	37	16	0
		BENI SUEF	00	9	02	2	0	0	-	9.4	34.2	30	14	0
	162	MINYA	00	8	02	4	0	0	-	9	33	38	17	0
	155	ASYÛṬ	00	8	26	1	0	0	-	8.3	35.1	19	08	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	6.7	36.0	34	18	0
	156	QENA	00	9	24	2	0	0	-	6.0	37.4	21	17	0
	157	LUXOR	00	8	28	1	0	0	-	6	39	12	05	0
	158	ASWÂN	00	9	00	0	0	0	-	6.8	38.4	18	10	0
OASES	148	SIWA	00	8	00	0	0	0	-	12.8	36.7	45	23	0
	149	BAHARÎYA	00	8	32	2	1	0	-	10.3	33.3	41	18	0
		FARAFRA	00	8	32	2	0	0	-	10.8	35.1	25	12	0
	152	DAKHLA												
	151	KHARGA												
RED SEA	144	SUEZ	00	8	32	3	0	0	-	9.0	32.4	37	16	0
	145	TÛR	00	8	28	3	0	0	-	7.9	30.0	59	22	0
	163	HURGHÂDA	00	9	02	3	0	0	-	8	29	70	23	0
	147	QUSEIR	00	8	32	2	0	0	-	7.8	31.2	70	25	0
	208	PORT SÛDÂN	00	8	04	4	1	2	8,4	4	37	50	25	0
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA	02	8	24	1	1	8	2	5	39	12	04	0
	167	'ATBARA	00	8	30	2	1	8		3	41	14	08	0
	209	KHARTÛM	01	9	20	3	0	7	8,4	6	34	23	26	0
	170	KASSALA	00	8	22	1	0	1	8	6	34	47	21	0
CENTRAL SÛDÂN	171	WAD MEDANI	01	8	18	2	1	5	4	7	30	59	21	0
	182	RENK	01	9	20	2	2	7	1					0
	172	ROSEIRES	01	8	20	2	1	3	5	8	29	59	20	0
	174	EL OBEID	10	8	20	1	1	10	8,4	7	31	49	19	R
	175	EL FÂSHER												
	179	GENEINA												
S. SÛDÂN	176	MALAKÂL	01	8	20	2	1	5	8,4	9	30	59	21	0
	177	WÂU	02	8	00	0	1	10	8,4	8	30	59	21	0
	178	JUBA	02	8	02	3	1	10	8,4	9	29	59	20	0

At 1800 on 9.9.48

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	01	8	28	3	0	3	8	14.4	24.5	68	18	0
	160	MATRÛH												
	134	EL DABA												
	132	ALEXANDRIA	01	6	02	2	2	3	8	13.2	25.0	68	19	0
	150	FOUAD (Airport)	00	7	29	1	0	2	6	13.7	25	65	18	0
	159	DAMIETTA	00	6	28	3	1	1	8	11.9	24.5	72	19	0
	161	PORT SA'ID	00	7	32	4	0	1	1	12	26	70	20	0
	135	EL 'ARISH	01	9	30	3	1	5	8	11.0	26.2	78	22	0
LOWER EGYPT	136	DAMANHUR	00	7	32	3	0	0	-	13.0	24.2	76	19	0
	137	MANSURA	00	6	32	2	0	0	-	13.0	24.2	76	19	0
	138	ṬANṬA	00	8	00	0	0	0	-	13.1	24.3	73	19	0
	139	ZAGAZIG	00	7	32	2	0	0	-	12.8	23.4	88	21	0
		SHIBÎN EL KÔM	00	7	30	2	0	0	-	11.5	26.4	69	20	0
		ISMAÎLÎA	01	8	32	1	1	5	6	12.2	25.8	70	20	0
CAIRO AREA	928	FAROUK(Airport)	00	7	32	3	0	0	-	12	26	60	18	0
	141	ALMÂZA	00	7	02	2	0	0	-	12.3	26.4	56	16	0
		EZBEKÎYA	00	7	32	2	0	0	-	12.8	25.1	68	19	0
		GÎZA	00	7	32	2	0	0	-	12.4	25.5	61	18	0
	143	HELWÂN	00	7	32	5	0	0	-	12.2	26.7	55	17	0
UPPER EGYPT	153	FAIYÛM	00	8	30	3	0	0	-	11.0	28.1	53	17	0
		BENI SUEF	00	9	02	2	0	0	-	10.8	28.7	53	18	0
	162	MINYA	00	7	01	3	0	0	-	10	27	55	17	0
	155	ASYÛṬ	00	6	28	1	0	0	-	9.1	29.1	37	14	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	7.8	25.6	60	18	0
	156	QENA	00	6	24	2	0	0	-	6.4	29.1	43	16	0
	157	LUXOR	00	7	00	0	0	0	-	6	32	34	14	0
	158	ASWÂN	00	9	00	0	0	0	-	6.2	36.7	17	07	0
OASES	148	SIWA	00	6	00	0	0	0	-	13.2	27.5	42	14	0
	149	BAHARÎYA	00	7	32	1	0	0	-	11.0	31.0	27	09	0
		FARAFRA	00	7	32	1	0	0	-	12.0	28.4	40	13	0
	152	DAKHLA	00	8	00	0	0	0	-	10.1	32.0	30	13	0
	151	KHARGA	00	7	32	1	0	0	-	8.2	30.7	18	04	0
RED SEA	144	SUEZ	00		32	4	0	0	-	11.5	28.2	47	19	0
	145	TÛR	00	8	28	3	0	0	-	7.5	30.0	45	17	0
	163	HURGHÂDA	00	8	28	4	0	0	-	8	30	52	19	0
	147	QUSEIR	00	8	30	2	0	0	-	7.4	29.2	50	17	0
	208	PORT SÛDÂN												
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÛDÂN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S. SÛDÂN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 0600 on FRIDAY 10th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. MAXIMUM Yesterday	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
			ww	V	DD	F	W		C	PPP		TT	TxTx		TnTn		UU				
MEDITERRANEAN	146	SIDI BARÂNI	01	9	26	3	1	5	8	14.2		25.0	28		23		64	18	0		
	160	MATRÛH	01	8	32	3	1	5	6	14		25			20		64	18			
	134	EL DABA	01		28	3	1	7	8	14.0		26.0			21		75	21	0	11.7	
	132	ALEXANDRIA	01	9	02	2	2	3	8	13.6	+0.6	26.0	29	-1	23	0	61	18	0	20.9	18.1
	150	FOUAD (Airport)	01	7	28	3	0	3	8	13.0		26			23		62	18	0	21.3	13.8
	159	DAMIETTA	01	8	20	1	1	5	6	12.0	-0.2	26.0	29		20		72	20	0	8.5	10.6
	161	PORT SA'ID	00	7	32	2	0	1	1	13		26	28		24		62	18	0	5.6	8.1
	135	EL 'ARISH	02	9	28	3	2	8	8	11.9	-0.2	27.2	29	-1	22	+2	65	20	0		9.4
LOWER EGYPT	136	DAMANHUR	01	7	04	2	0	3	8	13.9	+1.1	25.0	31	-1	20	+1	70	19	0	10.5	10.1
	137	MANSURA	00	8	12	1	0	0	-	12.0	+0.6	26.0	33	0	20	+1	67	19	0	7.3	5.5
	138	ṬANṬA	00	8	00	0	0	0	-	13.9	+1.1	25.0	32	-1	17	-1	73	20	0	2.6	4.4
	139	ZAGAZIG	00	6	24	2	0	0	-	11.5	-1.5	26.0	34	0	19	+1	72	20	0	3.6	2.7
		SHIBÎN EL KÔM	00	7	02	2	0	1	8	12.3	-0.5	24.9	34		19		77	21	0	3.4	
		ISMAÎLÎA																	0	2.1	
CAIRO AREA	928	FAROUK(Airport)	00	7	04	3	0	0	-	12		23	32		20		70	18	0		
	141	ALMÂZA	00	7	04	1	0	2	6	12.6	0.0	24.1			20		67	18	0	2.5	
		EZBEKÎYA	00	7	00	0	1	1	8	13.1	+0.5	24.5	33	0	20	0	72	19	0	3.2	2.6
		GÎZA	00	7	00	0	1	1	8	12.8	+0.2	24.1	32	0	18	0	75	19	0	3.1	2.7
	143	HELWÂN	01	7	32	3	0	3	8	13.1	+0.8	23.5	33	0	20	0	70	18	0	1.9	2.9
UPPER EGYPT	153	FAIYÛM	00	8	02	2	0	0	-	12.7	+0.3	23.9	34	0	19	-1	74	19	0	1.1	1.8
		BENI SUEF	00	7	02	2	0	0	-	12.5		24.1	34		17		74	19	0	1.1	
	162	MINYA	00	7	02	4	0	0	-	12		24	34		20		74	19	0	1.2	
	155	ASYÛṬ	00	7	24	1	0	0	-	12.0	+0.7	25.2	37	+3	22	+1	60	17	0	0.4	0.4
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	9.6	-0.5	27.2	38		21		65	20	0	0	
	156	QENA	00	8	24	2	0	0	-	9.4	-0.2	27.6	40	+1	23	0	53	17	0	0.5	
	157	LUXOR	00	8	00	0	0	0	-	9		31	40		22		38	15	0	0.4	
	158	ASWÂN	00	9	32	3	0	0	-	8.7	-0.4	27.5	41	+1	23	-2	47	15	0	0.4	
OASES	148	SIWA	00	7	00	0	0	0	-	15.2	+0.4	24.2	37	+1	18	0	73	19	0	2.3	1.8
	149	BAHARÎYA	00	7	04	2	0	0	-	14.0	+0.7	23.0	34	0	20	+1	74	18	0	1.8	1.7
		FARAFRA	00	8	32	1	0	0	-	14.2		24.7	36		19		60	17	0	-	
	152	DAKHLA	00	8	04	2	0	0	-	12.3	+0.3	26.9	37	0	20	-1	50	16	0	0.4	
	151	KHARGA	00	9	32	4	0	0	-	10.6	-0.4	27.5	38	+1	25	+3	50	16	0	0	
RED SEA	144	SUEZ	01	7	00	0	1	5		12.6	+1.1	25.6	35	+1	20	-2	70	20	0	-	1.7
	145	TÛR	00	8	28	2	0	0	-	9.8	+0.9	27.2	32	0	25	+2	63	19	0	0	1.3
	163	HURGHADA	00	9	30	5	0	0	-	10		25	30		24		79	21	0	1	3
	147	QUSEIR	00	8	02	3	0	0	-	8.3	0.0	28.8	32	-1	25	-1	73	24	0	0	4
	208	PORT SÛDÂN																	0	29.2	10.6
NORTH SÛDÂN	165	WADI HALFA																	0	6	
	166	KAREIMA																	0	6	2.6
	167	'ATBARA																	0	6	4.6
	209	KHARTÛM																	0	4.6	15.2
	170	KASSALA																	4	17.5	29.0
CENTRAL SÛDÂN	171	WAD MEDANI	02	9	16	4	1	10	3	12		24					89	22	0	33.9	35.9
	182	RENK	00	9	20	2	0	0	-	13		27					79	23	0		46.0
	172	ROSEIRES																	0	56.8	72.3
	174	EL OBEID																	1	42.1	32.2
	175	EL FÂSHER																	0	12.6	30.0
	179	GENEINA																			53.3
S. SÛDÂN	176	MALAKÂL																	0	81.7	74.5
	177	WÂU																	0	81.9	99.4
	178	JUBA	02	8	04	1	1	10	4,4	13		24		22			89	22	0	81.0	89.2

HUMIDITY

Mean of day

STATION	on 9th	Diff. from normal
Alexandria	66	-2
Ezbekîya	69	+6
Giza	67	+1
Helwân	58	+5

GIZA
GRASS MINIMUM TEMP
ON 10th 14.8°C

Remarks

UPPER AIR OBSERVATIONS on .....

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA
AEROPLANE ASCENT
ON 9th AT 14 00

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C
SURFACE	1001	31	25
500	983	31	22
1000	965	29	22
1500	948	28	20
2000	931	26	20
4000	865	22	14
6000	802	21	8
8000	744	15	4
10000	689	14	2
12000	637	11	0
14000	589	8	-2
16000	543	6	-4
18000	500	0	-5
20000	460	-3	-7

FAROUK AIRPORT
RAWINSONDE
ON ..... AT .....

PRESSURE mbs	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					
250					
200					
150					
100					

STATION	Fouad a.p		P Said		MINYA					
TIME	10		16 45		15					
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	320	10	360	14	360	28				
500	330	11	330	17	360	31				
1000	330	10	330	12	360	30				
1500			310	10	360	30				
2000			ENT. Sc.		10	33				
3000										
4000										
5000										
6000										
7000										
8000										

STATION										
TIME										
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200										
500										
1000										
1500										
2000										
3000										
4000										
5000										
6000										
7000										
8000										

UPPER AIR OBSERVATIONS on .....

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÎD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛṬ		LUXOR		ASWÂN		SIWA	
TIME			4		4		4												5 30				5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			320	16	340	10	320	5											320	1			60	11
500			320	16	340	10													350	4			260	16
1000			320	15	330	11													90	1			60	16
1500			330	18	320	10													100	2			360	14
2000			320	20	250	12																	330	12
3000																							210	18
4000																							280	23
5000																							260	19
6000																								
7000																								
8000																								

STATION	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME			5				8								8		8							
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			50	12			330	18									19							
500			30	17			310	22							230	15	190	00						
1000			10	20			330	17							210	9	200	00						
1500			340	18			260	10							210	8	290	4						
2000							290	10							70	8	240	7						
3000							250	16																
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32. e.g 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on:
Friday 10th September 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

S of E 1948(48/95)

SCALE 1 15,000,000

CAIRO
Time of Sunrise 03 37 G.M.T.
" " Sunset 16 06 G.M.T.

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

DAILY WEATHER REPORT

Date : SATURDAY 11th SEPTEMBER , 1948.

Form 91

At 1200 on FRIDAY 10 th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI												
	160	MATRÛH	00	8	27	5	1	2	8	14	28	55	18	0
	134	EL DABA												
	132	ALEXANDRIA	01	9	30	2	2	5	8	13.1	27.2	55	18	0
	150	FOUAD (Airport)	01	7	28	3	0	3	8	12.8	28	58	19	0
	159	DAMIETTA	01	8	30	3	1	3	8	12.7	27.0	55	17	0
	161	PORT SAÏD	00	7	32	4	0	1	6	12	26	66	19	0
	135	EL 'ARISH	01	9	30	3	1	7	9	11.4	27.7	86	25	0
LOWER EGYPT	136	DAMANHUR	01	7	32	3	1	5	8	13.3	29.0	49	17	0
	137	MANSURA	01	9	32	2	1	5	8	12.0	30.2	40	15	0
	138	TANTA	01	8	24	3	1	5	8	12.3	30.0	38	14	0
	139	ZAGAZIG	00	6	32	2	0	0	-	11.1	31.0	41	23	0
		SHIBÎN EL KÔM	01	8	30	3	1	5	8	11.2	32.3	41	17	0
		ISMAÏLÍA	01	8	04	12	1	5	6	10.6	30.8	45	18	0
CAIRO AREA	928	FAROUK(Airport)	00	8	32	3	0	2	8	11	30	40	15	0
	141	ALMÂZA	00	8	32	1	0	2	8	11.4	29.8	44	16	0
		EZBEKÍYA	00	8	26	2	0	1	8	11.5	30.0	46	17	0
		GÎZA	00	8	26	2	0	1	8	11.6	30.0	41	15	0
	143	HELWÂN	00	8	28	4	0	0	-	11.1	29.2	39	14	0
UPPER EGYPT	153	FAIYÛM	00	8	30	2	0	0	-	11.1	30.5	40	15	0
		BENI SUEF	00	9	02	2	0	0	-	10.4	34.1	33	15	0
	162	MINYA	00	8	02	4	0	0	-	11	31	43	17	0
	155	ASYÛT	00	8	28	2	0	0	-	9.9	32.8	30	13	0
	164	NAG' HAMMÂDI	00	8	28	2	0	0	-	7.6	34.9	39	19	0
	156	QENA	00	9	24	2	0	0	-	6.6	39.6	31	20	0
	157	LUXOR	00	8	26	2	0	0	-	7	38	19	11	0
	158	ASWÂN	00	9	00	0	0	0	-	4.7	38.6	18	11	0
OASES	148	SIWA	02	8	04	2	1	9	4	14.8	30.5	45	17	0
	149	BAHARÎYA	00	8	32	1	0	0	-	12.3	31.0	34	13	0
		FARAFRA												0
	152	DAKHLA	00	9	28	4	0	0	-	9.5	33.6	30	14	0
	151	KHARGA	00	9	32	2	0	0	-	8.8	34.2	27	12	0
RED SEA	144	SUEZ	00	8	32	2	0	0	-	9.5	30.4	41	15	0
	145	TÛR	00	8	28	3	0	0	-	7.2	32.0	44	25	0
	163	HURGHÂDA	00	9	32	4	0	0	-	8	28	74	23	0
	147	QUSEIR	00	8	32	2	0	0	-	7.3	31.3	33	26	0
	208	PORT SÛDÂN												
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA	00	8	26	3	0	1		5				0
	167	'ATBARA	01	8	20	2	1	3	4	4				0
	209	KHARTÛM	01	8	24	2	1	5	8,4	1	36	31	16	0
	170	KASSALA	00	8	14	1	0	1	8	5	34	50	22	0
CENTRAL SÛDÂN	171	WAD MEDANI	01	8	20	2	1	5	3	7	32	56	22	0
	182	RENK												
	172	ROSEIRES												0
	174	EL OBEID	02	8	26	2	1	9	8		33	41	18	0
	175	EL FÂSHER	01	8	06	1	1	5	8,4		34	22	09	0
	179	GENEINA	01	8	02	3	1	3	8,4		33	30	13	0
S. SÛDÂN	176	MALAKÂL	01	8	00	0	1	7	8,4	9	31	55	21	0
	177	WÂU												
	178	JUBA												

At 1800 on 10 th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	01	8	30	4	2	3	8	13.9	24.3	66	17	0
	160	MATRÛH	01	7	28	4	0	3	6	14	24	74	19	0
	134	EL DABA												
	132	ALEXANDRIA	01	6	30	2	2	5	4	13.5	24.4	70	18	0
	150	FOUAD (Airport)	01	7	28	1	0	3	6	13.1	24	74	19	0
	159	DAMIETTA	01	7	30	1	1	3	8	12.2	24.0	75	19	0
	161	PORT SAÏD	00	8	32	3	0	1	8	12	25	70	19	0
	135	EL 'ARISH	01	9	32	3	1	5	8	11.6	25.6	86	23	0
LOWER EGYPT	136	DAMANHUR	00	7	32	2	0	0	-	13.3	29.2	74	19	0
	137	MANSURA	00	6	02	2	1	0	-	13.1	23.5	73	19	0
	138	TANTA	00	8	00	0	1	0	-	13.4	25.0	70	19	0
	139	ZAGAZIG	00	6	32	2	1	0	-	11.8	28.2	81	20	0
		SHIBÎN EL KÔM	00	7	30	2	0	0	-	12.2	25.2	75	20	0
		ISMAÏLÍA	00	7	32	2	0	0	-	11.8	25.2	61	17	0
CAIRO AREA	928	FAROUK(Airport)	00	7	02	4	0	0	-	12	26	60	18	0
	141	ALMÂZA	00	7	02	2	0	0	-	11.8	26.5	53	16	0
		EZBEKÍYA	00	7	00	0	0	0	-	12.8	25.0	64	18	0
		GÎZA	00	7	00	0	0	0	-	12.3	25.4	59	16	0
	143	HELWÂN	00	7	30	5	0	0	-	12.2	26.0	55	16	0
UPPER EGYPT	153	FAIYÛM	00	8	02	2	0	0	-	11.1	27.1	52	16	0
		BENI SUEF	00	9	02	1	0	0	-	10.8	26.8	43	13	0
	162	MINYA	00	7	01	1	0	0	-	11	24	45	17	0
	155	ASYÛT	00	6	30	1	0	0	-	10.8	27.8	45	15	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	9.8	27.2	41	19	0
	156	QENA	00	6	22	3	0	0	-	7.9	29.6	48	18	0
	157	LUXOR	00	7	26	3	0	0	-	7	32	26	10	0
	158	ASWÂN	00	9	32	1	0	0	-	6.8	36.0	19	09	0
OASES	148	SIWA	00	6	00	0	0	0	-	15.2	26.7	59	18	0
	149	BAHARÎYA	00	7	32	1	0	0	-	13.1	27.0	43	13	0
		FARAFRA	00	7	32	1	0	0	-	12.3	27.8	41	13	0
	152	DAKHLA	00	8	00	0	0	0	-	11.8	31.1	36	14	0
	151	KHARGA	00	9	00	0	0	0	-	10.8	29.4	33	11	0
RED SEA	144	SUEZ	00		32	4	0	0	-	11.5	25.2	66	18	0
	145	TÛR	00	8	28	2	0	0	-	7.1	28.0	64	21	0
	163	HURGHÂDA	00	9	27	4	0	0	-	8	29	70	23	0
	147	QUSEIR	00	9	28	2	0	0	-	7.8	28.9	59	20	0
	208	PORT SÛDÂN												
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÛDÂN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S. SÛDÂN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 0600 on SATURDAY 11 th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. MAXIMUM Yesterday TxTx	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today TnTn	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
			ww	V	DD	F	W		C	PPP		TT	TxTx		TnTn		UU				
MEDITERRANEAN	146	SIDI BARÂNI	62	9	24	2	5	9	7	14.2		22.9	28		22		84	20	tr		
	160	MATRÛH	01	7	28	2	0	5	6	13		24	29		20		80	20	0		
	134	EL DABA																		117	
	132	ALEXANDRIA	01	9	02	2	2	5	8	12.8	-0.4	25.2	29	-1	23	0	76	20	0	209	186
	150	FOUAD (Airport)	01	7	29	1	8	3	6	12.2		25	28		22		74	20	tr	213	138
	159	DAMIETTA	01	8	18	2	1	5	6	11.6	-0.7	25.4	28		19		69	19	0	85	106
	161	PORT SAÏD	00	7	25	2	0	1	6	12		26	28		24		62	18	0	56	81
	135	EL 'ARISH	01	9	24	3	1	5	8	11.8	-0.5	28.4	29	-1	21	+1	55	18	0		94
LOWER EGYPT	136	DAMANHUR	01	7	20	2	1	5	8	13.1	+0.1	24.5	31	-1	20	+1	74	19	0	105	101
	137	MANSURA	01	8	20	1	1	3	8	12.4	+0.2	25.0	32	-1	19	0	67	18	0	73	55
	138	TANTA	00	8	20	1	0	0	-	13.1	-0.9	22.0	31	-2	16	-2	82	19	0	26	44
	139	ZAGAZIG	00	6	16	2	0	0	-	11.7	-1.4	24.4	32	-1	18	0	76	19	0	36	27
		SHIBÎN EL KÔM	00	7	28	2	0	0	-	13.1	+0.2	24.2	34		18		80	20	0	34	
		ISMAÏLÍA	00	7	30	1	0	0	-	11.9		26.3	34		21		60	17	0	21	
CAIRO AREA	928	FAROUK(Airport)	00	7	02	2	0	*	8	12.2		26	31		19		66	16	0		
	141	ALMÂZA	00	7	02	1	0	1	6	12.2	-0.5	23.8	30		19		67	18	0	25	
		EZBEKÍYA	00	7	28	1	1	1	8	12.7	0.0	24.8	31	-2	20	0	70	19	0	32	26
		GÎZA	00	7	28	1	1	1	8	12.4	-0.3	24.0	31	-1	17	-1	70	18	0	31	27
	143	HELWÂN	00	7	32	1	0	6	8	12.4	0.0	22.6	30	-3	18	-2	74	18	0	19	29
UPPER EGYPT	153	FAIYÛM	01	8	32	2	1	3	8	12.8	+0.3	24.2	32	-2	18	-2	69	18	0	11	8
		BENI SUEF	00	9	26	1	0	0	-	12.4		24.2	34		17		69	18	0	11	
	162	MINYA	00	7	32	3	0	0	-	12		23	32		18		67	17	0	12	
	155	ASYÛT	00	7	20	1	0	0	-	12.0	+0.4	24.3	34	*	20	-1	66	17	0	tr	4
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	10.4	+0.2	27.0	37		20		59	18	0	0	
	156	QENA	00	8	24	2	0	0	-	10.0	+0.2	25.0	41	+2	22	0	62	17	0	5	
	157	LUXOR	00	8	00	0	0	0	-	9		29			22		40	14	0	tr	
	158	ASWÂN	00	9	32	3	0	0	-	9.6	+0.2	28.4	42	+2	25	+1	46	15	0	tr	
OASES	148	SIWA	00	7	00	0	0	0	-	14.6	-0.4	24.8	34	-2	19	+1	64	18	0	23	8
	149	BAHARÎYA	00	7	00	0	0	0	-	13.6	+0.2	23.4	32	-2	18	-1	74	18	0	18	7
		FARAFRA	00	8	32	1	0	0	-	13.4		25.8	34		19		34	8	0	-	
	152	DAKHLA	00	8	00	0	0	0	-	12.0	0.0	27.1	35	+2	23	+2	48	15	0	tr	
	151	KHARGA	00	7	02	3	0	0	-	11.1	0.0	26.3	35	-2	23	+1	50	13	0	0	
RED SEA	144	SUEZ	00	7	32	1	0	0	-	12.7	+1.1	23.9	33	-1	20	-2	72	19	0	-	17
	145	TÛR	00	8	28	4	0	0	-	10.5	+1.5	27.3	33	+1	25	+2	68	20	0	0	13
	163	HURGHÂDA	00	9	30	5	0	0	-	9		26	30		24		74	21	0	1	3
	147	QUSEIR	00	8	32	3	0	0	-	8.4	-0.5	28.6	31	-2	25	-1	73	24	0	0	4
	208	PORT SÛDÂN																	0	292	106
NORTH SÛDÂN	165	WADI HALFA																	0	4	
	166	KAREIMA																	0	4	26
	167	'ATBARA																	0	1	66
	209	KHARTÛM																		66	152
	170	KASSALA																		175	293
CENTRAL SÛDÂN	171	WAD MEDANI																		339	362
	182	RENK																			464
	172	ROSEIRES																		568	731
	174	EL OBEID																		421	325
	175	EL FÂSHER																		126	301
	179	GENEINA																			536
S. SÛDÂN	176	MALAKÂL																		817	750
	177	WÂU																		819	1000
	178	JUBA																		810	896

HUMIDITY % Mean of day

STATION	on 10 th	Diff. from normal
Alexandria	64	-4
Ezbekîya	62	-1
Giza	62	-4
Helwân	58	+5

GIZA GRASS MINIMUM TEMP ON 11 th 13.0 °C

Remarks

UPPER AIR OBSERVATIONS on 10 th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT ON ___ At ___

HEIGHT FEET	PRESSURE inhs.	DRY °C	WET °C
SURFACE			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT RAWINSONDE ON 11 At 03

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE					
1000					
950					
900	3290	15	75	10	14
850	4870	13	55	340	13
800	6540	13	35	260	7
700	10230	10	-	250	11
600	14370	3	-	260	15
500	19140	-5	-	250	25
400					
300	31680	-32	-	240	54
250					
200	40700	-52	-	240	25
150					
100					

STATION	FOUAD AP.		P. SAÏD		MINYA	
TIME	15		14	15	15	
HEIGHT m.	DD	VV	DD	VV	DD	VV
200	330	7	340	16	360	26
500	340	9	340	15	360	23
1000	350	12	340	10	10	31
1500	310	16	320	9	350	25
2000	330	25			340	27
3000						
4000						
5000						
6000						
7000						
8000						

STATION												
TIME												
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200												
500												
1000												
1500												
2000												
3000												
4000												
5000												
6000												
7000												
8000												

UPPER AIR OBSERVATIONS on 11 th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			4				4		3				6 30		3 15				5 45		5		5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			320	12			310	8	20	5			340	8	10	14			330	4	360	10	350	3
500			320	11			320	7	30	8	*		40	3	10	23			330	12	350	16	20	14
1000			320	13			330	8	20	11			20	12	360	22			320	25	360	14	350	10
1500			350	12			320	9	340	11			10	16	330	30			260	14	270	3	310	17
2000			330	11			240	10	260	8			350	10	230	35					200	14	310	16
3000							220	12	240	9											70	1	330	15
4000							220	16																
5000									240	16														
6000																								
7000																								
8000									240	26														

STATION	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME			5																					
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			50	6																				
500			40	10																				
1000			20	17																				
1500			350	18																				
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

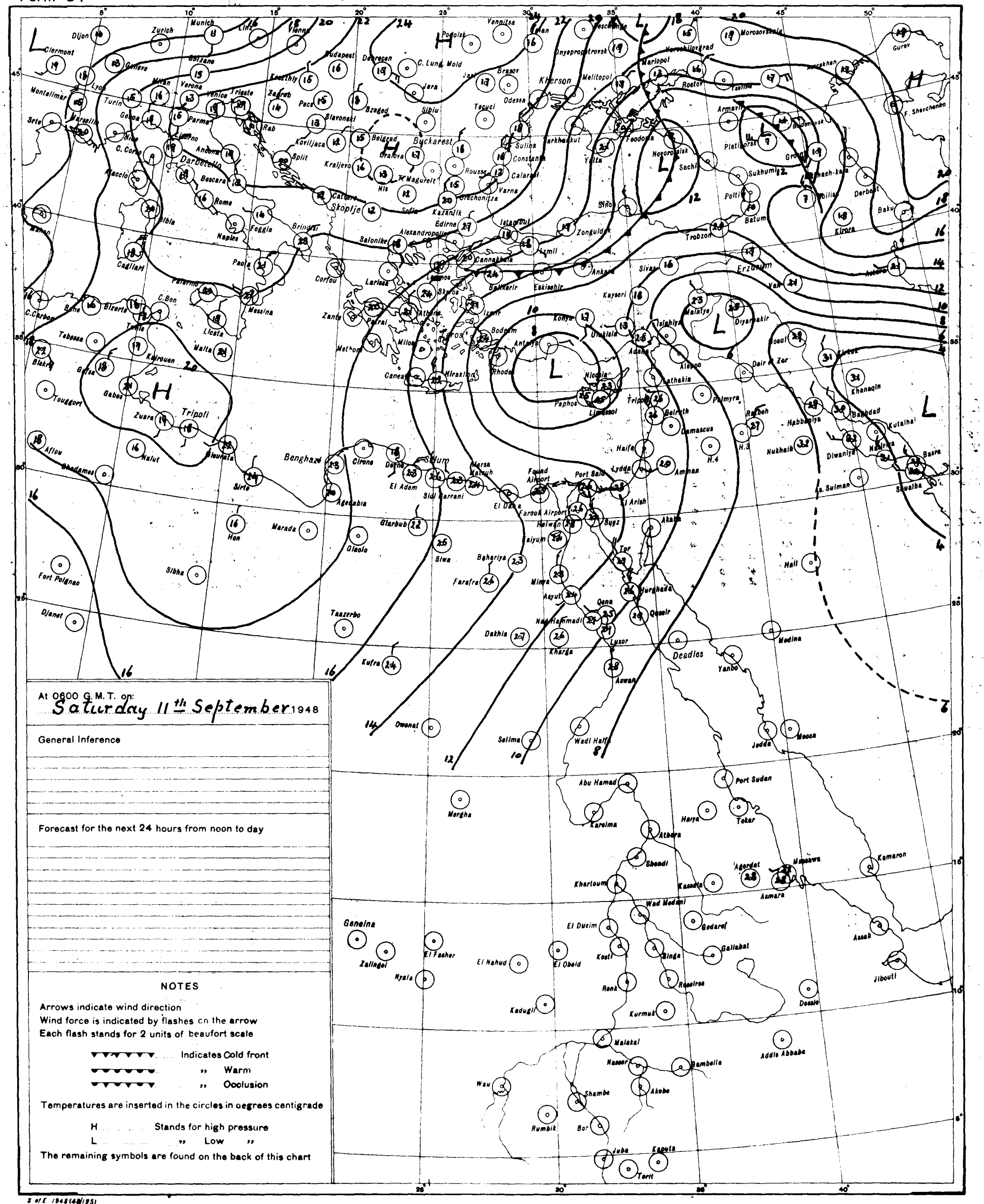
	K.P.H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
Saturday 11th September 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

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

The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03.38 G.M.T.
" " Sunset 16.04 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

DAILY WEATHER REPORT

Date: SUNDAY 12 th SEPTEMBER, 1948.

Form 91

At 1200 on SATURDAY 11 th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	01	9	30	4	6	5	8	13.5	24.0	55	16	1
	160	MATRÛH	00	8	30	4	1	1	6	12	27	58	18	0
	134	EL DABA	01	8	28	4	1	5	8	12.0	27.0	75	22	0
	132	ALEXANDRIA	02	9	32	3	2	3	6	12.2	26.6	63	19	0
	150	FOUAD (Airport)	02	7	29	3	1	8	8,4	12.2	27	55	17	0
	159	DAMIETTA	00	8	28	3	1	1	8	11.1	26.8	56	17	0
	161	PORT SAÏD	00	8	32	4	0	1	8	11	27	58	18	0
	135	EL ʿARISH	00	9	30	3	0	1	8	10.7	27.7	65	21	0
LOWER EGYPT	136	DAMANHUR	01	7	28	4	1	5	8	11.9	28.8	52	18	0
	137	MANSURA	01	8	30	2	1	5	8	11.0	29.5	43	16	0
	138	ṬANṬA	01	8	28	4	1	7	8	10.0	29.5	52	19	0
	139	ZAGAZIG	01	6	32	2	1	5	8	10.3	30.2	62	22	0
		SHIBÎN EL KÔM	01	8	28	3	1	5	8	11.6	30.4	46	17	0
		ISMAÏLÎA	01	7	32	2	1	7	6	11.2	30.5	46	15	0
CAIRO AREA	928	FAROUK (Airport)	01	7	28	3	1	5	8	11	29	46	16	0
	141	ALMÂZA	01	8	02	2	1	5	8	10	30	35	13	0
		EZBEKÎYA	00	7	26	2	1	1	8	10.6	30.2	46	17	0
		GÎZA	00	7	26	2	1	1	8	10.6	30.0	41	15	0
	143	ḤELWÂN	00	7	28	5	0	2	8	10.2	29.1	36	13	0
UPPER EGYPT	153	FAIYÛM	01	8	32	3	1	5	8	10.2	30.2	42	14	0
		BENI SUEF	00	9	02	3	0	0	-	10.2	31.6	36	15	0
	162	MINYA	00	8	01	4	0	6	8	10	31	38	15	0
	155	ASYÛṬ	00	8	26	2	0	0	-	10.0	30.2	53	19	0
	164	NAGʿ ḤAMMÂDI	00	8	28	2	0	0	-	8.1	32.9	39	17	0
	156	QENA	00	9	24	2	0	0	-	8.0	36.8	30	16	0
	157	LUXOR	00	10	26	2	0	0	-	7	36	24	12	0
	158	ASWÂN	00	9	28	2	0	0	-	6.4	37.0	22	15	0
OASES	148	SIWA	03	8	28	2	2	10	4	13.6	33.4	39	17	0
	149	BAḤARÎYA	01	8	32	1	1	5	4	11.5	31.5	35	14	0
		FARAFRA	01	8	28	2	0	3	8	11.8	32.0	30	13	0
	152	DAKHLA	00	9	28	3	0	0	-	10.3	32.0	33	14	0
	151	KHARGA	00	9	30	2	0	0	-	9.0	33.1	29	13	0
RED SEA	144	SUEZ	00	8	00	0	0	0	-	7.4	30.0	33	12	0
	145	TÛR	00	8	28	5	0	0	-	8.2	29.0	41	21	0
	163	HURGHÂDA	00	9	01	4	0	0	-	8	28	46	21	0
	147	QUSEIR	00	1	02	3	0	0	-	7.9	31.0	69	25	0
	208	PORT SÛDÂN	00	9	06	3	0	0	-	1	37	37	20	0
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA	02	8	32	3	1	9	2		41	10	03	0
	167	ʿAṬBARA	00	8	30	3	1	2	1					0
	209	KHARTÛM	01	8	20	1	1	5	8,2	4	39	13	06	0
	170	KASSALA	01	8	16	2	1	7	8,4	3	34	47	21	0
CENTRAL SÛDÂN	171	WAD MEDANI	00	8	20	2	0	2	8	4	35	44	21	0
	182	RENK	01	9	20	1	1	5	8	6	34	53	23	0
	172	ROSEIRES	00	8	22	1	1	0	-	6	34	47	21	0
	174	EL OBEID	01	8	00	0	0	3	9	4	35			0
	175	EL FÂSHER												
	179	GENEINA												
S. SÛDÂN	176	MALAKÂL	01	8	00	0	1	5	8,4	6	33	59	24	0
	177	WÂU												
	178	JUBA												

At 1800 on 11 th

PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
ww	V	DD	F	W		C	PPP	TT	UU		
01	8	32	4	1	5	8	12.8	23.7	59	15	0
01	7	28	4	1	8	6	13	24	61	16	0
01	6	32	3	2	5	4	12.6	24.6	68	19	0
01	7	27	1	1	3	4	12.1	24	61	16	0
00	7	28	2	1	1	8	11.2	24.0	72	19	0
01	7	31	4	0	3	6	11	25	74	20	0
00	9	32	3	0	1	8	11.1	25.1	69	19	0
00	7	28	3	1	0	-	12.2	23.0	76	19	0
00	6	28	2	1	0	-	11.8	24.0	72	19	0
00	8	00	0	1	0	-	12.7	24.0	77	20	0
00	6	32	2	0	0	-	12.4	24.3	74	19	0
00	7	30	2	0	0	-	11.8	24.8	77	21	0
00	7	02	2	0	0	-	11.4	27.5	47	15	0
30	7	32	4	0	0	-	11	26	70	20	0
00	7	02	3	0	0	-	11	26	55	16	0
00	7	30	1	0	0	-	11.5	25.0	68	19	0
00	7	30	1	0	0	-	11.2	25.3	64	18	0
00	7	30	4	0	0	-	11.0	26.0	55	16	0
01	8	02	1	1	5	8	9.8	27.4	54	17	0
00	9	06	1	0	0	-	9.6	25.9	51	15	0
00	7	01	2	0	6	8	10	24	69	18	0
00	6	30	1	0	0	-	9.4	26.8	46	14	0
00	8	00	0	0	0	-	8.7	26.7	57	18	0
00	6	24	2	0	0	-	7.1	30.3	31	11	0
00	7	24	1	0	0	-	8	29	35	12	0
00	9	32	2	0	0	-	7.5	35.0	24	12	0
00	6	00	0	0	0	-	14.8	29.4	41	14	0
01	7	32	1	1	5	4	11.8	28.0	44	15	0
00	8	28	1	0	0	-	10.7	29.8	36	13	0
00	7	00	0	0	0	-	9.4	28.4	35	11	0
00		32	2	0	0	-	10.0	26.2	59	17	0
00	8	28	3	0	0	-	8.2	28.5	39	13	0
00	8	30	4	0	0	-	7	27	55	17	0
00	8	30	2	0	0	-	7.2	28.3	77	23	0

At 0600 on SUNDAY 12 th

PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. MAXIMUM Yesterday	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
ww	V	DD	F	W		C	PPP		TT	TxTx		Tn Tn		UU				
01	9	26	3	1	3	8	13.4		24.3	27		22		48	12	1		
01	8	27	3	0	3	6	13		24			20		57	15	0		
01	6	20	3	1	7	8	12.3		24.3			19		67	18	0	117	
01	9	24	3	2	3	8	12.3	-1.0	25.0	29	-1	22	-1	60	17	0	204	186
00	7	26	2	0	2	8	11.8		26	29		20		55	16	0	213	138
00	8	20	3	1	2	8	11.8	-0.6	24.4	28		19		68	19	0	85	106
00	7	25	3	0	6	8	12		25	28		23		65	18	0	56	81
03	9	20	3	1	8	8	11.6	-0.8	28.7	29	-1	21	+1	65	22	0		9M
03	6	20	3	2	8	8	12.3	-0.8	25.0	29	-3	21	+2	65	18	0	105	101
00	8	30	2	0	0	-	12.2	-0.5	25.3	31	-2	19	0	64	18	0	73	55
00	8	12	1	0	0	-	13.0	-0.1	22.0	31	-2	17	-1	82	19	0	24	44
01	6	32	2	0	3	1	12.7	-0.5	25.2	32	-1	19	+1	78	21	0	36	27
00	7	28	2	0	1	8	12.6	-0.4	24.9	32		19		72	19	0	34	
01	6	24	1	1	5	6	11.8		24.0	32		21		68	18	0	21	
00	7	28	1	0	6	8	12		23	30		20		74	18	0		
00	7	00	0	0	1	8	12		24	30		20		69	18	0	25	
00	7	00	0	1	1	8	12.6	-0.3	23.2	31	-2	20	0	71	17	0	32	26
00	7	00	0	1	1	8	12.3	-0.6	24.9	31	-1	17	-1	62	17	0	31	27
00	7	00	0	0	6	8	12.4	-0.1	23.2	30	-3	20	0	73	18	0	19	29
00	8	30	2	0	1	8	12.7	+0.1	24.3	31	-3	19	0	71	18	0	11	8
00	9	02	1	0	0	-	12.2		25.2	32		18		66	18	0	11	
00	7	01	3	0	1	M	12		24	31		19		74	19	0	12	
00	7	22	1	0	0	-	11.6	0.0	24.8	31	-3	20	-1	62	17	0	dr	M
00	8	00	0	0	0	-	10.2	-0.1	27.8	33		19		58	19	0	0	
00	8	24	2	0	0	-	10.2	10.3	26.4	37	-1	22	0	55	16	0	5	
00	8	00	0	0	1	1	10		28	37		21		45	15	0	dr	
00	9	32	2	0	0	-	10.0	+0.5	26.0	38	-2	24	0	53	16	0	dr	
00	7	24	3	0	0	-	15.5	+0.7	23.5	34	-2	17	-1	56	13	0	23	8
01	7	32	2	1	3	M	13.1	-0.4	23.5	32	-2	20	+1	75	19	0	18	7
00	8	00	0	0	0	-	11.6	-0.6	24.4	33	-4	20	-1	48	13	0	dr	
00	9	00	0	0	0	-	10.6	-0.6	27.9	35	-2	20	-1	50	16	0	3	
00	7	00	0	0	6	8	11.2	-0.5	23.5	32	-2	21	-1	72	19	0	-	17
00	8	28	4	0	0	-	9.5	+0.4	27.1	31	-1	22	-1	60	17	0	0	13
00	9	29	3	0	6	1	9.		27	29		22		58	18	0	1	3
01	8	32	3	0	3	1	9.7	-0.3	29.0	32	-1	24	0	62	21	0	0	M
00	9	30	3	0	2	2	6		34					50	22	0	292	106
01	5	02	5	0		8	8		31					17	03	0	4	26
02	8	30	3	1	10	2	6		32					24	09	0	6	67
01	8	32	1	1	5	4	7		32							0	66	153
00	8	28	3	1	2	4	8		29					70	23	0	175	295
																0	339	365
																0		467
																0	568	739
02	8	28	2	1	10	4,6	7		27					70	21	0	421	328
01	8	00	0	1	5	2			23					53	13	0	126	302
01	8	00	0	0	3	4			20					73	15	0		539
																2	819	755
																2	821	1006
																1	1811	899

HUMIDITY

Mean % of day

STATION	on 11 th	Diff. from normal
Alexandria	66	-2
Ezbekîya	69	-1
Gîza	62	-4
Ḥelwân	62	+8

GIZA GRASS MINIMUM TEMP ON 12 th 13.7 °C

Remarks

UPPER AIR OBSERVATIONS on 11 th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT ON ... At ...

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C	WIND DD	WIND VV
SURFACE					
500					
1000					
1500					
2000					
4000					
6000					
8000					
10000					
12000					
14000					
16000					
18000					
20000					

FAROUK AIRPORT ON 12 th RAWINSONDE At 4

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE					
1000					
950					
900	3220	10	85	350	8
850	4770	9	65	300	18
800	6410	6	55	290	19
700	9780	3	-	270	11
600	14040	-2	-	250	25
500	18330	-9	-	250	38
400					
300	31100	-34	-	250	57
250					
200	40040	-52	-	250	67
150					
100					

STATION	FOUAD AIRPORT		MATRÛH		PORT SAID				MINYA			
TIME	15	15			14	30			15			
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	320	7	340	18	330	19			10	17		
500	330	10	330	17	330	23			10	20		
1000	300	14	320	20	330	14			20	19		
1500	280	14			300	14			350	17		
2000	290	16							350	20		
3000	Ent Cu								30	11		
4000												
5000												
6000												
7000												
8000												

STATION												
TIME												
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200												
500												
1000												
1500												
2000												
3000												
4000												
5000												
6000												
7000												
8000												

UPPER AIR OBSERVATIONS on 12 th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAID		FAROUK AIRPORT		ALMÂZA		ḤELWÂN		MINYA		ASYÛṬ		LUXOR		ASWÂN		SIWA	
TIME			4	15	3	30	3	30	4				7		3				5	45	5		5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			320	10	320	6	280	12	30	4			310	5	360	16			340	9	360	8	340	10
500			330	15	310	6	290	15	350	7			360	7	20	21			340	17	350	22	360	12
1000			330	11	300	8	280	10	350	7			20	10	360	17			360	20	340	14	350	10
1500			300	10			270	8	300	16			360	9	20	12			320	12	240	10	310	27
2000			280	8			290	10	290	15			310	24	320	12			320	6	240	10	300	30
3000			290	17			250	9	270	10			Ent	Cu							230	8	300	23
4000							250	03																
5000							240	31	250	25														
6000									250	35														
7000																								
8000									250	50														

STATION	BAḤARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI ḤALFA		ABU ḤAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME			5				8										3	30			4	15		
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			350	5			320	29																
500			360	12			320	25																
1000			340	15			320	34									200	18			60	13		
1500			330	14													330	4			80	28		
2000			320	26													20	9			90	21		
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on:
Sunday 12th September 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
,, Warm
,, Occolusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 38 G.M.T.

" " Sunset 16 03 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: MONDAY 13th SEPTEMBER, 1948.

At 1200 on SUNDAY 12th

Area	Index Number	Station	Present Weather (ww)	Visibility (V)	Wind Direction (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount 0-10	Cloud Form (C)	Bar. Press. M.S.L. mbs. (PPP)	Temp. °C. (TT)	Humidity % (UU)	Dew Point °C.	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARÂNI	01	9	28	4	0	3	8	13.0	26.0	45	13	0
	160	MATRÛH	01	8	29	4	0	5	6	13	27	52	16	0
	134	EL DABA												
	132	ALEXANDRIA	01	9	28	4	2	5	8	12.2	27.0	47	15	0
	150	FOUAD (Airport)	01	8	28	2	0	3	8	11.4	28	45	15	0
	159	DAMIETTA	01	8	28	4	1	5	8	11.4	25.8	63	18	0
	161	PORT SA'ÎD	01	7	31	4	0	5	8	12	26	62	18	0
	135	EL 'ARISH	00	9	32	4	0	2	8	11.1	27.7	68	21	0
Lower Egypt	136	DAMANHUR	01	7	24	4	1	5	8	12.0	27.8	51	17	0
	137	MANṢURA	01	8	32	2	1	5	6	11.5	28.5	52	17	0
	138	ṬANṬA	01	8	20	2	1	5	8	12.0	31.0	32	12	0
	139	ZAGAZIG	01	6	32	2	2	5	8	11.2	29.4	59	20	0
		SHIBÎN EL KÔM	01	8	02	3	1	5	8	11.8	30.2	48	18	0
		ISMA'ILÎA	01	7	30	2	1	5	6	10.6	30.5	36	13	0
Cairo Area	928	FAROUK (Airport)	01	8	29	3	1	5	8	11	29	46	16	0
	141	ALMÂZA	01	8	28	2	1	5	8	11.3	28.3	42	15	0
		EZBEKÎYA	00	8	28	2	1	1	8	11.1	29.8	44	16	0
		GÎZA	00	8	28	2	1	1	8	11.0	29.8	39	15	0
	143	ḤELWÂN	00	8	28	2	0	2	8	11.0	28.5	38	12	0
Upper Egypt	153	FAIYÛM	01	8	02	2	1	5	8	10.6	29.5	43	16	0
		BENI SUEF	00	9	26	2	0	0	-	10.8	31.8	40	17	0
	162	MINYA	00	8	01	4	0	2	8	10	32	34	14	0
	155	ASYÛṬ	01	8	26	2	1	3	1	10.3	31.3	34	13	0
	164	NAG' ḤAMMÂDI	00	8	28	2	0	0	-	7.9	33.5	36	17	0
	156	QENA	00	9	24	2	0	0	-	7.1	35.8	36	18	0
	157	LUXOR	00	8	28	2	0	0	-	7	35	19	08	0
	158	ASWÂN	00	9	32	3	0	0	-	7.0	35.4	25	12	0
Oases	148	SIWA	00	8	20	3	0	0	-	13.8	31.2			0
	149	BAḤARÎYA	00	8	32	2	1	0	-	11.6	30.0	36	13	0
		FARAFRA	05	8	28	2	0	1	8	12.4	32.2	32	13	0
	152	DAKHLA	00	9	28	3	0	0	-	10.4	32.2	32	13	0
	151	KHARGA	00	9	02	3	0	0	-	9.4	33.2	31	13	0
Red Sea	144	SUEZ	01	8	00	0	1	5	8	9.6	29.9	36	13	0
	145	TÔR	00	8	28	3	0	0	-	8.9	29.0	53	18	0
	163	HURGHÂDA	00	9	32	5	0	t	1	8	29	59	20	0
	147	QUSEIR	00	8	02	3	0	0	-	8.2	29.4	78	25	0
	208	PORT SÛDÂN												
North Sûdân	165	WADI HALFA												
	166	KAREIMA												
	167	'AṬBARA												
	209	KHARTÛM												
	170	KASSALA												
Central Sûdân	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S. Sûdân	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 1800 on 12th

Station	Present Weather (ww)	Visibility (V)	Wind Direction (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount 0-10	Cloud Form (C)	Bar. Press. M.S.L. mbs. (PPP)	Temp. °C (TT)	Humidity % (UU)	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARÂNI	02	8	02	2	1	8	9	13.5	24.0	60	16	0
MATRÛH	01	7	29	2	1	5	6	13	23	61	15	0
EL DABA												
ALEXANDRIA	01	6	32	2	2	3	4	13.2	24.0	59	15	0
FOUAD (Airport)	00	7	00	0	0	t	8	13.2	23	65	16	0
DAMIETTA	00	7	28	4	1	1	8	11.9	24.0	66	17	0
PORT SA'ÎD	00	7	24	4	0	2	6	12	25	65	18	0
EL 'ARISH	00	9	32	3	0	0	-	10.7	26.4	77	22	0
DAMANHUR	00	7	24	2	1	0	-	12.8	22.2	79	18	0
MANṢURA	00	6	32	2	1	0	-	13.0	23.5	70	18	0
ṬANṬA	01	8	20	1	1	5	8	13.4	23.3	75	18	0
ZAGAZIG	01	6	32	2	1	5	8	11.8	25.0	74	20	0
SHIBÎN EL KÔM	00	7	02	2	0	0	-	12.3	26.1	67	19	0
ISMA'ILÎA	01	6	02	2	1	5	6	11.8	28.0	61	20	0
FAROUK (Airport)	01	7	32	4	1	5	6	12	26	62	18	0
ALMÂZA	01	7	02	2	1	7	6	12.0	26.0	54	16	0
EZBEKÎYA	01	7	30	2	1	5	8	12.7	24.8	64	18	0
GÎZA	01	7	30	2	1	5	8	12.2	25.2	57	16	0
ḤELWÂN	00	7	30	3	0	t	8	11.9	26.0	52	15	0
FAIYÛM	01	8	32	1	1	5	8	11.0	24.8	76	20	0
BENI SUEF	00	9	06	1	0	0	-	10.4	26.2	59	17	0
MINYA	00	7	02	2	0	0	-	11.	24	61	16	0
ASYÛṬ	00	6	28	1	1	0	-	11.0	27.2	45	14	0
NAG' ḤAMMÂDI	00	8	00	0	0	0	-	9.6	27.2	53	16	0
QENA	00	6	22	3	0	0	-	9.8	29.8	36	13	0
LUXOR												
ASWÂN												
SIWA	00	7	00	0	0	0	-	14.3	27.2	49	15	0
BAḤARÎYA	00	7	32	1	0	0	-	12.4	26.0	39	11	0
FARAFRA	00	7	28	2	0	0	-	13.1	26.0	39	11	0
DAKHLA	00	8	28	3	0	0	-	11.2	30.0	36	13	0
KHARGA	00	7	00	0	0	0	-	10.5	29.4	37	13	0
SUEZ	00		32	3	0	0	-	11.1	25.8	62	18	0
TÔR	00	8	28	2	0	0	-	10.4	29.3	50	17	0
HURGHÂDA	00	8	29	2	0	0	-	9	27	58	18	0
QUSEIR	00	8	28	2	0	0	-	8.7	28.0	68	22	0

At 0600 on MONDAY 13th

Station	Present Weather (ww)	Visibility (V)	Wind Direction (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount 0-10	Cloud Form (C)	Bar. Pressure M.S.L. mbs. (PPP)	Diff. from normal mbs.	Dry Bulb (TT)	Max. Yesterday (T_xT_x)	Max. Diff. from norm.	Min. Today (T_nT_n)	Min. Diff. from norm.	Humidity % (UU)	Dew Point °C.	Rainfall Past 24 hrs	Rainfall Total From Oct. 1	Rainfall Norm. From Oct. 1	Station	Area
SIDI BARÂNI	02	9	28	2	1	5	9	15.2		24.2	27		22		57	15	0			SÎDI BARÂNI	Mediterranean
MATRÛH	00	8	26	3	1	1	6	14		24	28		17		61	16	0			MATRÛḤ	
EL DABA																		117		EL DABA'	
ALEXANDRIA	02	9	00	0	2	8	6	14.3	+0.9	23.6	28	-2	22	-1	66	17	dr	209	186	ALEXANDRIA	
FOUAD (Airport)	81	7	00	0	1	9	8	13.5		23	28		19		74	18	dr	213	138	FOUAD (Airport)	
DAMIETTA	01	8	18	2	1	5	9	13.0	+0.5	23.9	27		18		68	18	0	85	106	DAMIETTA	
PORT SA'ÎD	00	7	26	3	0	2	8	13		25	28		23		70	19	0	56	81	PORT SA'ÎD	
EL 'ARISH	00	9	20	3	0	1	8	12.8	+0.3	26.3	29	-1	20	0	77	22	0		94	EL 'ARISH	
DAMANHUR	01	6	24	2	1	7	8	13.9	+0.7	23.0	30	-2	18	-1	74	18	0	105	101	DAMANHÛR	Lower Egypt
MANṢURA	00	8	04	1	0	0	-	14.0	+1.2	25.2	31	-2	19	0	61	17	0	73	55	MANṢÛRA	
ṬANṬA	01	8	20	1	1	3	8	14.7	+1.5	21.0	31	-2	16	-2	82	18	0	26	44	ṬANṬA	
ZAGAZIG	01	6	24	2	1	5	8	13.5	+0.2	23.2	32	-1	18	0	83	20	0	36	27	ZAGAZIG	
SHIBÎN EL KÔM	00	7	22	2	0	0	-	14.2	+1.0	23.2	32		19		81	20	0	34		SHIBÎN EL KÔM	
ISMA'ILÎA	06	7	26	1	0	0	-	13.5		25.7	31		20		58	17	0	21		ISMAÎLÎA	
FAROUK (Airport)	01	7	00	0	0	3	8	14		21	30		20		83	18	0			FAROUK (Airport)	Cairo Area
ALMÂZA	00	7	00	0	0	1	8	13.3	+0.3	23.2	30		19		65	17	0	25		ALMÂZA	
EZBEKÎYA	00	7	00	0	0	0	-	14.2	+1.2	22.9	30	-3	19	-1	73	18	0	32	26	EZBEKÎYA	
GÎZA	00	7	00	0	0	0	-	13.8	+0.8	24.2	31	-1	17	-1	66	17	0	31	27	GÎZA	
ḤELWÂN	00	7	02	2	0	t	8	14.2	+1.5	23.0	30	-3	19	-1	66	16	0	19	29	ḤELWÂN	
FAIYÛM	00	8	02	2	0	0	-	14.2	+1.4	25.2	31	-3	19	0	62	17	0	11	8	FAIYÛM	Upper Egypt
BENI SUEF	00	9	08	1	0	0	-	14.0		23.9	32		17		69	18	0	11		BENI SUEF	
MINYA	00	7	32	3	0	0	-	13		22	32		18		74	17	0	12		MINYA	
ASYÛṬ	00	7	20	1	0	0	-	13.0	+1.3	24.1	32	-2	19	-2	60	16	0	dr	4	ASYÛṬ	
NAG' ḤAMMÂDI	00	8	00	0	0	0	-	12.3	+1.9	27.2	33		17		52	16	0	0		NAG' ḤAMMÂDI	
QENA	00	8	24	2	0	0	-	11.2	+1.2	25.0	37	-1	21	-1	61	17	0	5		QENA	
LUXOR	00	8	29	2	0	0	-	11		28			20		42	14	0	dr		LUXOR	
ASWÂN	00	9	32	3	0	0	-	10.7	+1.1	27.0	36	-3	24	0	47	15	0	dr		ASWÂN	
SIWA	00	7	28	2	0	0	-	17.8	+2.9	21.5	33	-3	17	-1	72	17	0	23	8	SIWA	Oases
BAḤARÎYA	00	8	00	0	0	0	-	14.3	+0.7	25.0	32	-2	17	-1	61	17	0	18	7	BAHARIYA	
FARAFRA	00	8	32	2	0	0	-	16.2		22.8	32		17		64	16	0	-		FARAFRA	
DAKHLA	00	8	24	1	0	0	-	13.2	+1.0	23.4	33	-4	19	-2	45	10	0	dr		DAKHLA	
KHARGA	00	9	30	2	0	0	-	12.6	+1.3	23.4	34	-3	20	-1	39	8	0	0		KHARGA	
SUEZ	00	7	00	0	0	t	8	12.8	+1.0	23.7	31	-3	20	-2	67	17	0	-	17	SUEZ	Red Sea
TÔR	00	8	28	5	0	0	-	11.4	+2.2	26.8	31	-1	25	+2	57	18	0	0	13	TOR	
HURGHÂDA	00	9	30	5	0	0	-	11		25	29		25		70	19	0	1	3	HURGHADA	
QUSEIR	00	7	32	3	0	0	-	9.9	+0.7	28.2	31	-2	24	-2	64	21	0	0	4	QUSEIR	
PORT SÛDÂN	00	8	30	2	0	1	4	7		33					63	25	0	292	106	PORT SUDAN	
WADI HALFA																	0	t		WÂDI HALFA	North Sûdân
KAREIMA	18	5	02	5	3	3	1	9		30					24	07	0	t	26	KAREIMA	
'AṬBARA	02	7	32	4	1	8	2	6		33					26	11	0	6	67	'AṬBARA	
KHARTÛM	02	8	22	3	1	10	64										0	66	154	KHARTÛM	
KASSALA	01	8	16	3	1	3	4			27					70	21	0	175	297	KASSALA	
WAD MEDANI																		339	318	WAD MEDANI	Central Sûdân
RENK																			470	RENK	
ROSEIRES																	12	580	747	ROSEIRES	
EL OBEID																	0	421	331	EL OBEID	
EL FÂSHER	02	8	08	2	1	10	4			24					65	17	0	126	302	EL FÂSHER	
GENEINA	02	8	00	0	1	9	4			22					83	19	0		541	GENEINA	
MALAKÂL																	11	830	760	MALAKAL	S. Sûdân
WÂU																	3	824	1012	WÂU	
JUBA																	0	811	903	JUBA	

HUMIDITY % Mean of day

Station	on 12th	Diff. from normal
Alexandria	58	-10
Ezbekîya	61	-3
Gîza	55	-12
Helwân	57	+3

GIZA GRASS MINIMUM TEMP on 13th 12.9 °C

Remarks

UPPER AIR OBSERVATIONS on 12th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT ON AT

Height feet	Pressure mbs	Dry °C	Wet °C
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT RAWINSONDE ON 13th AT 4

Pressure mbs	Height feet	Temp °C	Humidity %	Wind DD	Wind VV
Surface					
1000					
950					
900	3360	15	55	350	12
850	4940	13	35	340	11
800	6610	12	25	330	9
700	10270	9	-	280	8
600	14420	4	-	260	28
500	19220	-3	-	250	40
400					
300	31870	-29	-	260	70
250					
200	41020		-		
150					
100					

Station	P. Saïd				Minya							
Time	14				15							
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	310	17			20	16						
500	330	13			30	20						
1000	330	13			360	16						
1500	340	22			340	19						
2000	350	9			310	20						
3000												
4000												
5000												
6000												
7000												
8000												

(Second station block on 12th: Station, Time, Height m. 200–8000, DD VV columns — empty.)

UPPER AIR OBSERVATIONS on 13th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Station	Sîdi Barâni		Matrûḥ		Fouad Airport		Port Saïd		Farouk Airport		Almâza		Helwân		Minya		Asyûṭ		Luxor		Aswân		Siwa	
Time			4	15	3	30	3	30	4				7	00	3				5	30	5		5	
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			330	6	320	5	310	10	60	6			10	10	20	16			340	8	350	14	330	15
500			320	8	320	5	320	6	350	10			10	15	20	16			340	19	350	24	330	11
1000			340	7	340	5	340	5	350	11			40	5	10	15			340	18	350	24	320	10
1500			20	7	300	10			340	11			340	15	20	11			340	7	340	8	300	35
2000			20	7	300	9			320	8			End Cu						320	10	230	8	300	42
3000			320	9	280	13			280	7											230	30	320	19
4000																								
5000									260	33														
6000									250	17														
7000																								
8000																								

Station	Baharîya		Dakhla		Kharga		Hurghada		Wâdi Halfa		Abu Hamâd		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time			5				8																	
Height m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			340	12			350	29																
500			350	17			320	29																
1000			340	23			310	20																
1500			310	23																				
2000			330	36																				
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90 99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

WIND FORCE (F)

	KPH	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

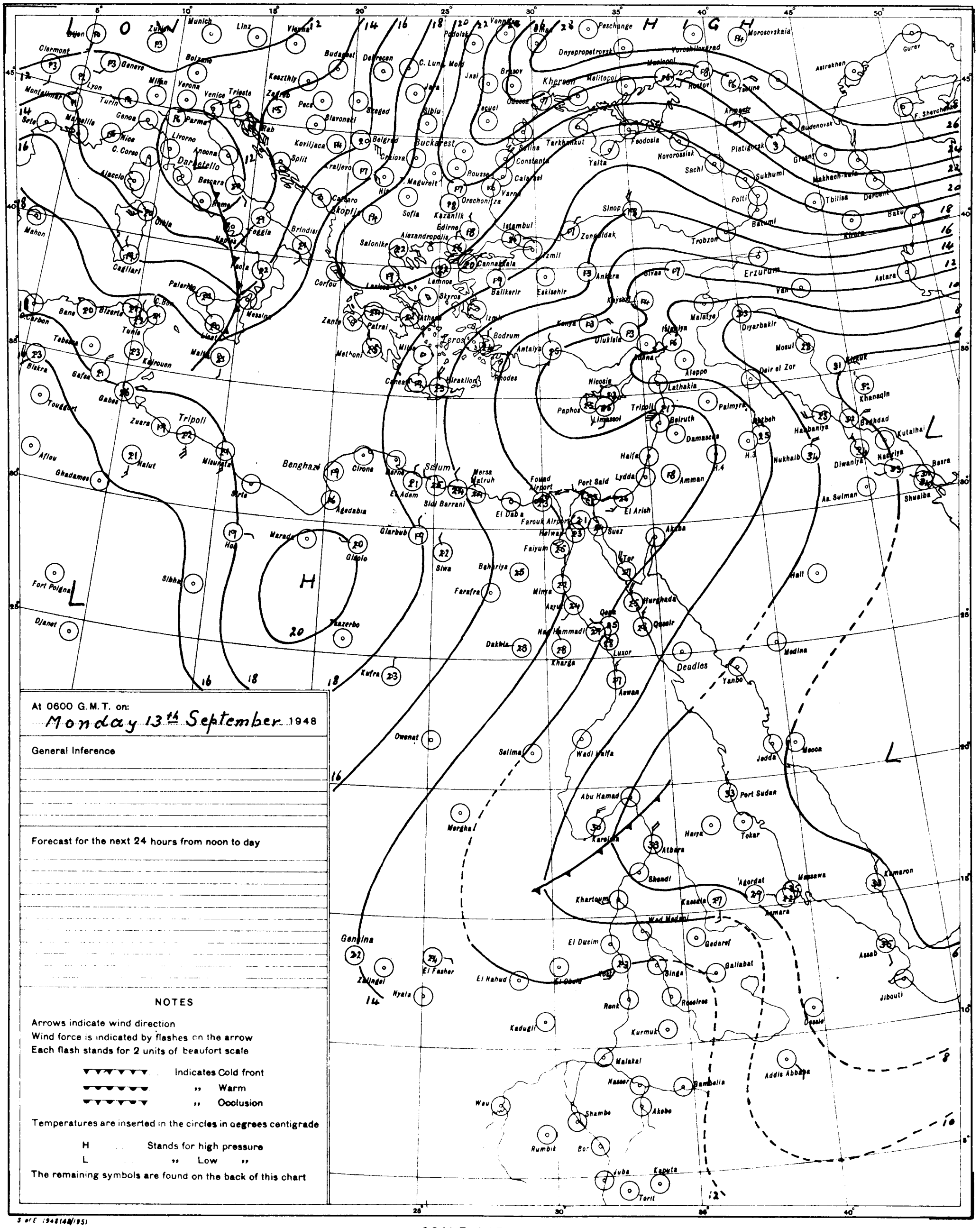
WIND DIRECTION (DD)

is on Scale 01-32 e.g 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Printed by the Survey of Egypt 1948 (48/195)

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:

Monday 13th September 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction

Wind force is indicated by flashes on the arrow

Each flash stands for 2 units of beaufort scale

Indicates Cold front

" Warm

" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure

L " Low "

The remaining symbols are found on the back of this chart

S of E 1948(46)/195)

SCALE 1.15,000,000

CAIRO
Time of Sunrise 03 39 G.M.T.
" " Sunset 16 02 G.M.T.

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

DAILY WEATHER REPORT

Date : TUESDAY 14th SEPTEMBER , 1948.

Form 91

AREA	INDEX NUMBER	STATION	At 1200 on MONDAY 13th: PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms	At 1800 on 13th: PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	02	9	30	4	1	5	8	14.8	26.0	55	16	0	01	9	28	2	1	5	8	16.3	28.0	62	15	0
	160	MATRÛH	00	8	30	4	0	2	8	15	27	55	17	0	00	7	32	2	0	4	6	16	23	67	17	0
	134	EL DABA																								
	132	ALEXANDRIA	01	9	28	3	2	5	8	13.6	26.8	54	16	0	01	6	32	3	2	5	8	14.3	24.8	70	18	0
	150	FOUAD (Airport)	00	7	29	3	8	2	8	13.9	28	55	18	1	00	9	28	2	0	0	-	14.5	24	69	18	0
	159	DAMIETTA	00	8	28	4	1	1	8	12.7	26.2	55	16	0	01	8	28	2	1	3	8	13.4	23.8	75	19	0
	161	PORT SAÏD	00	8	32	3	0	4	8	13	26	62	18	0	00	7	32	3	0	1	6	14	25	70	19	0
	135	EL ARISH	00	9	30	4	0	1	8	12.0	26.8	69	21	0	01	9	30	3	1	5	8	13.0	25.1	77	21	0
LOWER EGYPT	136	DAMANHUR	01	7	28	3	1	3	8	13.4	28.0	52	17	0	00	6	32	3	1	2	8	14.4	22.8	78	19	0
	137	MANSURA	01	8	32	2	1	5	8	13.1	29.5	43	16	0	00	6	32	2	1	0	-	14.2	23.2	73	18	0
	138	TANTA	01	8	24	2	1	7	8	13.6	30.5	50	18	0	01	8	24	1	1	5	8	13.9	23.0	78	19	0
	139	ZAGAZIG	01	6	32	2	1	5	8	12.4	30.1	59	21	0	00	6	32	2	1	0	-	14.1	27.2	76	22	0
		SHIBÎN EL KÔM	01	8	02	3	1	5	8	13.1	30.2	38	14	0	00	7	30	2	0	0	-	13.5	26.1	60	18	0
		ISMAÏLÍA	01	8	32	1	1	5	6	11.8	30.0	39	14	0	00	8	32	1	0	0	-	13.6	24.8	62	17	0
CAIRO AREA	928	FAROUK(Airport)	01	8	26	3	0	3	8	13	28			0	01	7	02	4	0	3		13	25	56	16	0
	141	ALMÂZA	01	8	32	2	1	5	8	13	29	35	12	0	00	8	02	2	0	1	8	13	26	55	16	0
		EZBEKÍYA	00	8	24	3	1	1	8	12.4	29.7	42	16	0	01	7	30	1	1	5	8	14.0	24.7	63	18	0
		GÎZA	00	8	24	3	1	1	8	12.6	29.0	39	14	0	01	7	30	1	1	5	8	13.1	25.0	60	17	0
	143	HELWÂN	00	7	30	3	0	1	8	12.0	28.7	35	12	0	00	7	30	3	0	0	-	13.2	26.0	51	15	0
UPPER EGYPT	153	FAIYÛM	00	8	32	2	0	1	8	12.3	29.5	40	15	0	00	8	02	1	0	0	-	12.4	25.2	53	15	0
		BENI SUEF	00	7	06	1	0	0	-	12.3	32.2	34	14	0	00	9	02	1	0	0	-	11.8	25.1	53	15	0
	162	MINYA	00	8	32	3	0	0	-	12	32	34	14	0	00	7	02	2	0	0	-	12	23	61	15	0
	155	ASYÛT	00	8	28	1	0	0	-	11.5	30.1	31	11	0	00	6	30	1	0	0	-	12.2	26.2	41	11	0
	164	NAG' HAMMÂDI	00	8	28	1	0	0	-	10.0	32.7	42	18	0	00	8	00	0	0	0	-	10.7	25.8	56	16	0
	156	QENA	00	9	24	2	0	0	-	8.8	35.3	26	12	0	00	6	24	2	0	0	-	10.3	29.4	33	11	0
	157	LUXOR	00	8	30	3	0	0	-	9	33	16	04	0	00	7	27	3	0	0	-	10	29	23	06	0
	158	ASWÂN	00	9	32	3	0	0	-	9.1	33.7	32	15	0												
OASES	148	SIWA	00	8	28	2	0	0	-	15.0	30.4	35	13	0	00	6	00	0	0	0	-	14.7	27.2	54	14	0
	149	BAHARÎYA	00	8	28	1	0	0	-	13.2	30.0	30	11	0	00	7	00	0	0	0	-	13.6	26.0	42	12	0
		FARAFRA													00	8	28	2	0	0	-					
	152	DAKHLA	00	9	32	2	0	0	-	11.9	31.3	34	13	0	00	8	28	1	0	0	-	12.5	29.4	37	13	0
	151	KHARGA	00	9	32	2	0	0	-	10.8	32.0	28	11	0	00	7	00	0	0	0	-	11.6	29.4	32	11	0
RED SEA	144	SUEZ	00	8	32	2	0	0	-	11.0	29.6	33	12	0	00		02	3	0	0	-	12.0	25.6	67	17	0
	145	TOR	00	8	28	5	0	0	-	10.4	28.2	58	19	0	00	8	28	3	0	0	-	10.6	28.0	54	18	0
	163	HURGHÂDA	00	9	02	4	0	0	-	9	28	62	20	0	00	8	29	2	0	0	-	10	27	58	18	0
	147	QUSEIR	00	8	32	3	0	0	-	8.5	30.0	68	24	0	00	7	28	2	0	0	-	9.2	27.4	70	21	0
	208	PORT SÛDÂN																								
NORTH SÛDÂN	165	WADI HALFA																								
	166	KAREIMA																								
	167	'ATBARA																								
	209	KHARTÛM																								
	170	KASSALA																								
CENTRAL SÛDÂN	171	WAD MEDANI																								
	182	RENK																								
	172	ROSEIRES																								
	174	EL OBEID																								
	175	EL FÂSHER																								
	179	GENEINA																								
S SÛDÂN	176	MALAKÂL																								
	177	WÂU																								
	178	JUBA																								

AREA	INDEX NUMBER	STATION	At 0600 on TUESDAY 14th: PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE MAXIMUM Yesterday	TEMPERATURE MAXIMUM Diff. from norm.	TEMPERATURE MINIMUM Today	TEMPERATURE MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1	STATION	AREA
			ww	V	DD	F	W		C	PPP		TT	TxTx		TnTn		UU						
MEDITERRANEAN	146	SIDI BARÂNI	01	9	22	1	1	5	8	17.2		24.4	27		17		60	16	0			SIDI BARÂNI	MEDITERRANEAN
	160	MATRÛH	01	8	29	1	1	7	6	17		24	28		18		69	18	0			MATRÛH	
	134	EL DABA																		11.7		EL DABA	
	132	ALEXANDRIA	01	9	32	3	2	5	8	15.9	+2.4	24.8	28	-2	22	-1	64	18	0	20.9	186	ALEXANDRIA	
	150	FOUAD (Airport)											29						1	21.4	138	FOUAD (Airport)	
	159	DAMIETTA	01	8	02	2	1	3	8	14.7	+2.0	26.8	27		18		71	20	0	85	106	DAMIETTA	
	161	PORT SAÏD	00	7	31	2	0	1	6	15		25	28		24		65	18	0	56	81	PORT SAÏD	
	135	EL ARISH	01	9	16	3	1	5	8	14.7	+2.4	27.2	28	-2	19	-1	76	22	0		94	EL ARISH	
LOWER EGYPT	136	DAMANHUR	01	6	32	3	1	3	8	15.1	+1.8	24.3	29	-3	18	-1	76	19	0	105	101	DAMANHÛR	LOWER EGYPT
	137	MANSURA	01	8	32	1	1	5	6	15.6	+2.6	25.0	31	-2	19	0	74	20	0	73	55	MANSÛRA	
	138	TANTA	00	8	28	1	1	2	8	15.9	+2.6	22.0	31	-2	16	-2	91	20	0	26	44	TANTA	
	139	ZAGAZIG	01	6	24	2	0	5	8	15.3	+1.9	24.4	32	-1	19	+1	76	20	0	26	27	ZAGAZIG	
		SHIBÎN EL KÔM	01	7	30	1	1	3	8	15.6	+2.3	23.0	32		18		77	19	0	34		SHIBÎN EL KÔM	
		ISMAÏLÍA	00	7	28	1	0	0	-	14.8		25.9	32		21		65	19	0	21		ISMAÏLÍA	
CAIRO AREA	928	FAROUK(Airport)	00	7	28	1	0	0	-	15		21			19		83	18				FAROUK(Airport)	CAIRO AREA
	141	ALMÂZA	00	7	00	0	1	2	6	15		23	30		20		72	18	0	25		ALMÂZA	
		EZBEKÍYA	00	7	00	0	1	1	8	15.8	+2.7	23.5	30	-3	20	0	78	20	0	32	26	EZBEKÍYA	
		GÎZA	00	7	00	0	1	1	8	15.4	+2.3	22.8	30	-2	19	-1	80	19	0	31	27	GÎZA	
	143	HELWÂN	09	6	02	3	1	5	8	15.6	+2.8	22.2	29	-3	19	-1	78	18	0	19	29	HELWÂN	
UPPER EGYPT	153	FAIYÛM	01	8	32	2	1	3	8	15.6	+2.7	23.8	31	-3	18	-1	73	19	0	11	8	FAIYÛM	UPPER EGYPT
		BENI SUEF	00	9	06	2	0	0	-	15.1		24.3	32		17		72	19	0	11		BENI SUEF	
	162	MINYA	00	7	02	4	0	1	6	15		23	32		19		74	18	0	13		MINYA	
	155	ASYÛT	00	7	22	1	0	0	-	14.0	+2.2	24.0	31	-3	20	-1	55	14	0	dr	4	ASYÛT	
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	12.8	+2.3	26.2	33		16		57	17	0	0		NAG' HAMMÂDI	
	156	QENA	00	8	24	2	0	0	-	12.4	+2.3	24.8	36	-2	21	-1	52	14	0	5		QENA	
	157	LUXOR	00	8	32	1	0	0	-	12		27	35		20		37	11	0	dr		LUXOR	
	158	ASWÂN	00	9	28	1	0	0	-	12.8	+3.1	26.4	35	-4	22	-2	31	08	0	dr		ASWÂN	
OASES	148	SIWA	00	7	00	0	0	0	-	14.8	+1.8	22.8	32	-3	17	-1	64	16	0	23	8	SIWA	OASES
	149	BAHARIYA	00	7	04	1	0	0	-	14.2	+2.4	22.0	30	-4	18	0	72	17	0	18	7	BAHARIYA	
		FARAFRA	00	8	32	2	0	0	-	14.0		23.1	32		17		74	18	0	-		FARAFRA	
	152	DAKHLA	00	8	00	0	0	0	-	15.1	+2.8	22.6	33	-4	18	-3	57	14	0	dr		DAKHLA	
	151	KHARGA	00	9	32	1	0	0	-	13.5	+2.1	24.9	33	-4	18	-3	33	15	0	0		KHARGA	
RED SEA	144	SUEZ	00	6	00	0	0	0	-	14.2	+2.3	23.0	32	-2	19	-2	73	18	0	-	17	SUEZ	RED SEA
	145	TOR	00	8	28	5	0	0	-	13.2	+2.8	26.0	29	-3	25	+2	62	18	0	0	13	TOR	
	163	HURGHADA	00	9	29	5	0	0	-	12		25	28		21		58	16	0	1	3	HURGHADA	
	147	QUSEIR	00	8	32	4	0	0	-	11.0	+1.7	27.7	31	-2	23	-3	66	21	0	0	4	QUSEIR	
	208	PORT SUDAN																	0	292	106	PORT SUDAN	
NORTH SUDAN	165	WADI HALFA	02	8	30	3	1	9	1	14		25			26		22	05	0	tr		WÂDI HALFA	NORTH SUDAN
	166	KAREIMA	01	8	30	3	1	5	1	11		29			26		22	05	0	tr	26	KAREIMA	
	167	'ATBARA	01	8	20	1	1	5	4.1	9		29			27		52	18	0	tr	67	'ATBARA	
	209	KHARTÛM																	0	66	154	KHARTÛM	
	170	KASSALA	02	8	16	2	1	10	2	10									tr	176	300	KASSALA	
CENTRAL SUDAN	171	WAD MEDANI																	0	339	371	WAD MEDANI	CENTRAL SUDAN
	182	RENK	01	9	20	2	1	5	1	13		24					84	21	0		473	RENK	
	172	ROSEIRES																	2	582	755	ROSEIRES	
	174	EL OBEID	02	8				2							21				0	421	334	EL OBEID	
	175	EL FÂSHER	01	8	32	1	1	5	4.1			26			20				0	126	303	EL FÂSHER	
	179	GENEINA	01	8		1	0	3	4			22									542	GENEINA	
S SUDAN	176	MALAKÂL	02	8	14	1	1	9	6.4	12								11	2	83.2	765	MALAKÂL	S SUDAN
	177	WÂU								12		23			21		94	22	0	824	1018	WÂU	
	178	JUBA	02	8	06	1	1	9	6.4	13		24			21		84	21	0	811	906	JUBA	

HUMIDITY

Mean of day

STATION	on 13th	Diff. from normal
Alexandria	66	-1
Ezbekiya	62	-2
Giza	58	-9
Helwân	54	0

GIZA
GRASS MINIMUM TEMP
ON 14th 15.1 °C

Remarks

UPPER AIR OBSERVATIONS on 13th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA
AEROPLANE ASCENT
ON 13th AT 14

HEIGHT FEET	PRESSURE mb.	DRY °C.	WET °C.
SURFACE	1003	28	21
500	985	29	19
1000	967	27	18
1500	950	25	18
2000	933	24	17
4000	866	17	13
6000	803	15	4
8000	745	13	2
10000	689	8	-1
12000	638	6	-3
14000	589	0	-2
16000	543	-1	-4
18000			
20000			

FAROUK AIRPORT
RAWINSONDE
ON 14th AT 5

HEIGHT FEET	PRESSURE mbs.	TEMP °C.	HUMIDITY %	WIND DD	WIND VV
SURFACE					
1000	430	19	85	360	00
950					
900	3390	15	75	10	14
850	4960	12	35	20	18
800	6620	12	-	40	12
700	10260	8	-	20	7
600	14370	3	-	40	12
500	19120	-7	-	280	25
400					
300	31630	-30	-	270	54
250					
200	40750	-53	-	260	66
150					
100					

STATION	FOUAD A.P.		MATRUH		P. SAID				MINYA			
TIME	15		14	15	14	30			15			
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	320	6	340	23	340	11			10	20		
500	320	7	340	16	340	14			10	20		
1000	300	7	350	9	330	15			360	20		
1500	320	12	320	8	320	9			320	16		
2000			360	9	310	9			300	14		
3000												
4000												
5000												
6000												
7000												
8000												

STATION												
TIME												
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200												
500												
1000												
1500												
2000												
3000												
4000												
5000												
6000												
7000												
8000												

UPPER AIR OBSERVATIONS on 14th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		S.WA	
TIME			4	30			4	15	3				6	30	3	30					5		5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			10	8			330	7	10	4			10	17	10	20			330	8	340	5	70	9
500			360	10			20	16	20	10			360	14	20	23			340	14	340	22	90	9
1000			360	12			30	7	10	11			3	17	10	23			340	17	340	16	100	5
1500							20	11	20	17			Entire		350	24			340	6	340	8	330	9
2000							340	3	40	8					350	20					260	8	310	10
3000									20	7											230	24	360	16
4000																								
5000									290	12														
6000									280	21														
7000																								
8000									260	58														

STATION	BAHARIYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME			5																					
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			70	6																				
500			50	12																				
1000			10	16																				
1500			360	19																				
2000			360	39																				
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

WIND FORCE (F)

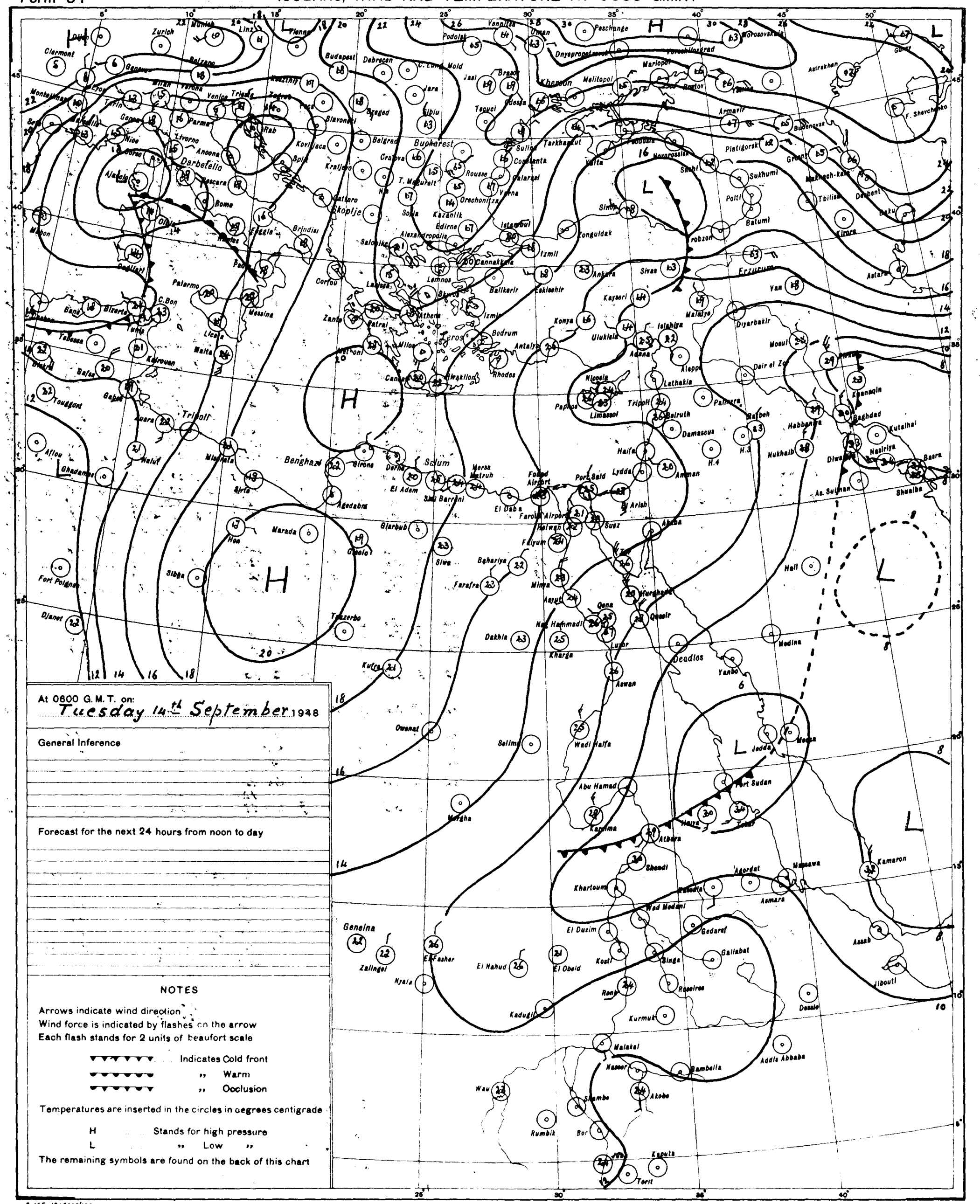
	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

Given on Scale 01-32 e.g.
08 = East, 16 = South
24 = West, 32 = North,
00 is Calm

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
Tuesday 14th September 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03.39 G.M.T.
" " Sunset 16.01 G.M.T.

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

Form 91

DAILY WEATHER REPORT

Date : WEDNESDAY 15th SEPTEMBER, 1948.

AREA	INDEX NUMBER	STATION	At 1200 on TUESDAY 14th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C. TT	HUMIDITY % UU	DEW POINT °C.	RAIN 6-12 G.M.T. mms	At 1800 on 14th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C TT	HUMIDITY % UU	DEW POINT °C.	RAIN 12-18 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI	01	9	30	3	1	3	8	16.8	26.3	55	16	0	00	8	28	2	0	1	8	17.6	22.7	68	17	0
	160	MATRÛH																								
	134	EL DABA	01	8	02	3	1	5	8	15.2	27.0	64	20	0												
	132	ALEXANDRIA	01	9	32	3	2	3	4	15.2	26.2	66	19	0	01	6	12	2	2	5	8	16.7	24.0	71	18	0
	150	FOUAD (Airport)	00	8	30	3	0	2	8	15.2	28	52	17	0	00	7	30	1	0	0	-	16.3	24	69	18	0
	159	DAMIETTA	01	8	30	3	1	3	8	14.4	26.7	68	21	0	00	7	32	2	1	0	-	14.9	23.8	79	20	0
	161	PORT SA'ID	00	8	01	3	0	1	8	14	28	58	19	0	01	7	01	4	0	3	8	15	25	74	20	0
	135	EL 'ARISH	01	9	32	4	1	3	8	14.8	27.7	56	18	0	00	9	30	3	0	0	-	14.3	25.3	74	20	0
LOWER EGYPT	136	DAMANHUR	01	7	02	3	1	3	8	15.0	27.8	54	18	0	00	6	32	2	1	0	-	15.8	21.4	86	19	0
	137	MANSURA	01	8	32	2	1	5	8	14.2	30.5	46	17	0	00	6	04	2	1	0	-	15.8	23.0	76	18	0
	138	TANTA	01	8	04	2	1	5	8	14.6	31.0	48	19	0	00	8	28	1	1	0	-	15.8	23.3	76	19	0
	139	ZAGAZIG	01	6	32	3	0	5	8	12.8	31.1	53	20	0	00	6	32	2	0	0	-		25.0	74	20	0
		SHIBÎN EL KÔM	01	8	30	3	1	5	8	14.2	32.2	38	16	0	00	7	30	2	0	0	-	14.8	26.4	64	19	0
		ISMAÎLÎA	01	8	32	1	1	5	6	12.8	30.0	43	16	0	00	8	02	1	0	0	-	14.6	25.0	66	18	0
CAIRO AREA	928	FAROUK(Airport)	01	8	02	4	0	3	8	13	30	41	15	0	00	7	32	5	0	1	8	14	25	70	19	0
	141	ALMÂZA	00	8	02	3	0	2	8	12.9	31.0	32	12	0	00	7	02	5	0	1	8	14.1	26.0	59	18	0
		EZBEKÎYA	00	8	02	2	1	1	8	13.1	30.0	41	15	0	01	7	32	1	1	3	8	15.0	24.5	67	18	0
		GÎZA	00	8	02	2	1	1	8	13.8	29.9	36	13	0	01	7	32	1	1	3	8	14.3	25.2	63	17	0
	143	HELWÂN	00	8	30	4	0	0	-	12.4	29.8	34	13	0	00	7	32	5	0	1	8	14.2	26.0	56	16	0
UPPER EGYPT	153	FAIYÛM	00	8	02	3	0	0	-	12.7	30.7	28	10	0	00	8	02	2	0	0	-	13.8	26.1	56	16	0
		BENI SUEF	00	9	02	2	0	0	-	12.6	31.7	36	15	0	00	9	32	3	0	0	-	13.6	27.8	43	14	0
	162	MINYA	00	8	01	4	0	0	-	13	30	35	13	0	00	7	32	3	0	0	-	13	23	61	15	0
	155	ASYÛT	00	8	26	2	0	0	-	11.8	30.2	36	11	0	00	6	28	2	0	0	-	12.2	27.1	37	11	0
	164	NAG' HAMMÂDI	00	8	24	1	0	0	-	10.6	31.9	44	18	0	00	8	00	0	0	0	-	9.9	25.0	65	18	0
	156	QENA	00	9	24	2	0	0	-	8.6	35.0	25	12	0	00	6	24	2	0	0	-	9.0	27.0	53	16	0
	157	LUXOR	00	8	30	2	0	0	-	9	34	20	08	0	00	7	26	1	0	0	-	9	28	37	12	0
	158	ASWÂN	00	9	32	3	0	0	-	9.4	34.3	25	11	0	00	9	00	0	0	0	-	9.3	32.0	19	05	0
OASES	148	SIWA	00	8	00	0	0	0	-	18.4	31.5	40	17	0	00	6	00	0	0	0	-	17.0	25.2	50	14	0
	149	BAHARÎYA	00	8	32	1	0	0	-	14.2	30.5	34	13	0	00	7	32	2	0	0	-	14.6	27.0	40	12	0
		FARAFRA																								
	152	DAKHLA	00	9	28	4	0	0	-	12.1	31.0	41	16	0	00	8	28	3	0	0	-	10.8	25.4	48	13	0
	151	KHARGA	00	9	32	3	0	0	-	11.1	31.7	31	13	0	00	7	00	0	0	0	-	11.8	29.0	35	12	0
RED SEA	144	SUEZ	00	8	32	3	0	0	-	12.7	30.0	36	13	0	00		32	3	0	0	-	12.7	25.9	60	18	0
	145	TÛR	00	8	28	3	0	0	-	10.0	26.0	62	18	0	00	8	28	3	0	0	-	9.4	26.0	64	18	0
	163	HURGHÂDA	00	9	01	4	0	0	-	10	27	74	22	0	00	8	27	3	0	0	-	10	27	70	21	0
	147	QUSEIR	00	7	02	3	0	0	-	10.4	29.4	75	24	0	00	7	28	2	0	0	-	9.8	27.4	63	19	0
	208	PORT SÛDAN																								
NORTH SÛDAN	165	WADI HALFA																								
	166	KAREIMA																								
	167	'ATBARA																								
	209	KHARTÛM																								
	170	KASSALA																								
CENTRAL SÛDAN	171	WAD MEDANI																								
	182	RENK																								
	172	ROSEIRES																								
	174	EL OBEID																								
	175	EL FASHER																								
	179	GENEINA																								
S. SÛDAN	176	MALAKÂL																								
	177	WÂU																								
	178	JUBA																								

AREA	INDEX NUMBER	STATION	At 0600 on WEDNESDAY 15th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESSURE M.S.L. mbs. PPP	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb TT	MAXIMUM Yesterday TxTx	MAXIMUM Diff. from norm.	MINIMUM Today TnTn	MINIMUM Diff. from norm.	HUMIDITY % UU	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1	STATION	AREA
MEDITERRANEAN	146	SIDI BARÂNI	01	9	30	2	0	3	8	17.4		24.2	27		16		57	15	0			SIDI BARÂNI	MEDITERRANEAN
	160	MATRÛH	01	8	01	3	0	3	1,6	17		24			20		65	17	0			MATRÛH	
	134	EL DABA	02	7	30	3	1	8	8	15.8		25.0			12		76	20	0	117		EL DABA	
	132	ALEXANDRIA	01	9	04	2	2	5	8	16.8	+2.2	25.2	27	-3	22	0	60	17	0	209	186	ALEXANDRIA	
	150	FOUAD (Airport)	01	7	32	1	0	3	6	15.6		26	28		22		55	16	0	214	138	FOUAD (Airport)	
	159	DAMIETTA	00	7	30	3	0	0	-	15.0	+2.2	25.0	28		21		70	19	0	85	106	DAMIETTA	
	161	PORT SA'ID	00	7	02	3	0	1	8	15		26	29		24		70	20	0	56	81	PORT SA'ID	
	135	EL 'ARISH	00	9	28	2	0	2	8	14.3	+1.5	26.1	29	-1	20	0	69	20	0		94	EL 'ARISH	
LOWER EGYPT	136	DAMANHUR	00	6	02	2	0	0	-	15.9	+2.5	23.8	29	-3	18	-1	69	18	0	105	101	DAMANHÛR	LOWER EGYPT
	137	MANSURA	00	8	02	2	0	0	-	15.4	+2.3	24.8	32	-1	19	0	69	19	0	73	55	MANSÛRA	
	138	TANTA	00	8	12	1	0	0	-	16.0	+2.5	22.0	31	-2	15	-3	82	19	0	26	44	TANTA	
	139	ZAGAZIG	00	6	32	3	0	0	-	15.8	+2.3	25.0	33	0	17	-1	84	22	0	36	27	ZAGAZIG	
		SHIBÎN EL KÔM	00	9	02	2	0	0	-	15.8	+2.4	22.9	33		17		75	18	0	34		SHIBÎN EL KÔM	
		ISMAÎLÎA	01	7	02	1	1	5	4	14.6		25.2	31		20		69	19	0	21		ISMAÎLÎA	
CAIRO AREA	928	FAROUK(Airport)	00	7	02	4	0	1	8	15		22	31		18		80	19	0			FAROUK(Airport)	CAIRO AREA
	141	ALMÂZA	00	7	02	2	0	2	6	14.9	+1.9	22.5	31		18		75	17	0	25		ALMÂZA	
		EZBEKÎYA	00	7	30	1	0	0	-	15.2	+2.0	22.4	31	-2	19	-1	79	18	0	32	26	EZBEKÎYA	
		GÎZA	00	7	30	1	0	0	-	15.2	+2.0	20.0	30	-2	16	-2	82	17	0	31	27	GÎZA	
	143	HELWÂN	00	7	32	3	0	1	8	14.8	+1.9	22.2	31	-1	19	-1	79	18	0	19	29	HELWÂN	
UPPER EGYPT	153	FAIYÛM	01	8	02	3	1	3	8	15.0	+1.9	23.8	32	-2	19	0	72	19	0	11	8	FAIYÛM	UPPER EGYPT
		BENI SUEF	00	9	02	3	0	0	-	13.9		24.2	32		17		72	19	0	11		BENI SUEF	
	162	MINYA	00	7	01	5	1	2	6	14		22	31		19		83	19	0	12		MINYA	
	155	ASYÛT	00	7	22	1	0	0	-	13.2	+1.2	22.3	32	-2	20	-1	72	17	0	04	4	ASYÛT	
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	11.1	+0.5	26.2	32		19		60	18	0	0		NAG' HAMMÂDI	
	156	QENA	00	8	24	2	0	0	-	10.8	+0.6	24.3	36	-2	20	-2	56	15	0	5		QENA	
	157	LUXOR	00	8	00	0	0	0	-	10		28	34		19		49	16	0	04		LUXOR	
	158	ASWÂN	00	9	32	1	0	0	-	10.4	+0.6	24.6	36	-3	21	-3	54	15	0	04		ASWÂN	
OASES	148	SIWA	00	7	00	0	0	0	-	18.0	+2.9	22.8	32	-3	17	-1	74	18	0	23	8	SIWA	OASES
	149	BAHARIYA	00	8	32	2	0	0	-	15.8	+1.9	22.0	31	-3	17	-1	78	18	0	18	7	BAHARIYA	
		FARAFRA																				FARAFRA	
	152	DAKHLA	00	8	32	4	0	0	-	13.7	+1.3	25.3	32	-4	20	-1	63	17	0	04		DAKHLA	
	151	KHARGA	00	9	32	4	0	0	-	12.3	+0.8	24.5	32	-5	21	0	55	14	0	0		KHARGA	
RED SEA	144	SUEZ	00	6	32	2	0	6	8	13.4	+1.4	23.9	32	-2	20	-1	76	19	0	-	17	SUEZ	RED SEA
	145	TÛR	00	8	28	3	0	0	-	10.8	+1.3	27.0	28	-4	24	+2	69	21	0	0	13	TÛR	
	163	HURGHADA	00	9	30	5	0	0	-	10		25	28		23		74	20	0	1	3	HURGHADA	
	147	QUSEIR	00	7	32	3	0	0	-	9.6	+0.1	27.6	31	-2	24	-2	61	20	0	0	4	QUSEIR	
	208	PORT SUDAN																	0	292	106	PORT SUDAN	
NORTH SÛDAN	165	WADI HALFA																	0	t		WÂDI HALFA	NORTH SÛDAN
	166	KAREIMA																	0	t	26	KAREIMA	
	167	'ATBARA																	0	t	47	'ATBARA	
	209	KHARTÛM																	0	79	155	KHARTÛM	
	170	KASSALA																	0	176	303	KASSALA	
CENTRAL SÛDAN	171	WAD MEDANI																	0	404	373	WAD MEDANI	CENTRAL SÛDAN
	182	RENK																	0		477	RENK	
	172	ROSEIRES																	0	582	763	ROSEIRES	
	174	EL OBEID																	0	511	337	EL OBEID	
	175	EL FASHER																	0	230	304	EL FÂSHER	
	179	GENEINA																	0		543	GENEINA	
S. SÛDAN	176	MALAKÂL																	0	832	770	MALAKAL	S. SÛDAN
	177	WÂU																	0	824	1024	WÂU	
	178	JUBA																	0	813	910	JUBA	

HUMIDITY

Mean of day

STATION	on 14th	Diff. from normal
Alexandria	66	-1
Ezbekiya	66	+2
Giza	66	-1
Helwân	63	+9

GIZA

GRASS MINIMUM TEMP.
ON 15th 13.1°C

Remarks

UPPER AIR OBSERVATIONS on 14th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT

ON ___ AT ___

HEIGHT FEET	PRESSURE mbs	DRY °C	WET °C
SURFACE			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT — RAWINSONDE

ON 15th AT 03

PRESSURE mbs	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD VV
SURFACE		19	85	20 . 5
1000	400	19	85	20 . 5
950				
900	3370	17	45	40 . 19
850	4960	17	—	40 . 16
800	6660	16	—	50 . 10
700	10330	10	-	30 . 15
600	14150	3	-	320 . 9
500	18910	-6	-	270 . 27
400				
300	31400	-32	-	260 . 49
250				
200	40420	-53	-	270 . 63
150				
100				

STATION	FOUAD AIR		P. SAÎD				MINYA			
TIME	15		15				15			
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	330	8	360	13			350	26		
500	340	10	360	12			350	36		
1000	340	12	20	11			350	36		
1500	320	23					20	30		
2000							20	17		
3000							10	8		
4000										
5000										
6000										
7000										
8000										

STATION										
TIME										
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200										
500										
1000										
1500										
2000										
3000										
4000										
5000										
6000										
7000										
8000										

UPPER AIR OBSERVATIONS on 15th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÎD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			H 30				3 45		H				6 45		3				5 45		5		5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			360	13			360	9	30	13			30	10	360	29			90	1	360	5	60	10
500			10	10			10	9	40	17			40	10	10	36			350	9	10	14	90	11
1000			360	10			50	10	40	17			50	26	10	56			340	12	350	8	80	12
1500			20	16			20	9	40	13			50	16	20	42			320	5	260	5	340	16
2000			360	16			360	2	50	9			40	16					240	12	220	14	10	16
3000									30	11			Ent	Cu									20	15
4000																								
5000									280	8														
6000									270	22														
7000																								
8000									260	54														

STATION	BAHARIYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME			5		8		8																	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			20	16	10	23	330	25																
500			360	16	360	26	30	22																
1000			350	14	360	28	320	10																
1500			340	18	330	19	280	16																
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g.
08 = East, 16 = South
24 = West, 32 = North,
00 is Calm

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on:
Wednesday 15th Sept. 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
,, Warm
,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 40 G.M.T.

" " Sunset 16 00 G.M.T.

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

Form 91

DAILY WEATHER REPORT

Date : THURSDAY 16th SEPTEMBER , 1948.

At 1200 on WEDNESDAY 15th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI												
	160	MATRÛH	01	8	02	4	0	5	6		27	55	16	0
	134	EL DABA	01	7	30	3	1	7	8		24.3	74	21	0
	132	ALEXANDRIA	01	9	04	2	2	5	4	15.0	26.0	62	18	0
	150	FOUAD (Airport)	00	7	31	3	0	1	8	14.7	28	55	18	0
	159	DAMIETTA	00	8	28	3	1	4	8	13.9	27.0	63	19	0
	161	PORT SAÏD	01	8	01	3	0	5	8	14	28	62	20	0
	135	EL ARISH	00	9	32	4	0	0	-	13.1	28.1	56	18	0
LOWER EGYPT	136	DAMANHUR	00	7	04	2	0	2	8	14.6	29.0	50	17	0
	137	MANSURA	00	8	04	2	0	0	-	13.6	31.0	34	13	0
	138	TANTA	00	8	00	0	0	0	-	14.6	31.0	34	13	0
	139	ZAGAZIG	00	6	32	2	0	0	-	14.2	30.5	54	20	0
		SHIBÎN EL KÔM	01	8	30	3	1	5	8	13.8	31.9	33	14	0
		ISMAÏLÎA	00	8	04	1	0	0	-	12.3	31.2	39	15	0
CAIRO AREA	928	FAROUK (Airport)	00	8	32	4	0	0	-	12	31	37	15	0
	141	ALMAZA	01	7	02	4	0	0	-	12.2	31	37	15	0
		EZBEKÎYA	00	8	06	2	0	0	-	12.4	30.6	43	17	0
		GÎZA	00	8	06	2	0	0	-	12.7	30.3	40	15	0
	143	HELWÂN	00	8	32	5	0	0	-	11.8	31.6	31	13	0
UPPER EGYPT	153	FAIYÛM	00	8	32	3	0	0	-	11.6	30.5	36	13	0
		BENI SUEF	00	9	02	4	0	0	-	11.1	33.1	32	14	0
	162	MINYA	00	8	02	4	0	0	-	11	31	41	16	0
	155	ASYÛT	00	8	20	1	0	0	-	9.9	32.0	28	11	0
	164	NAG HAMMÂDI	00	8	24	1	0	0	-	8.7	34.0	32	15	0
	156	QENA	00	9	24	2	0	0	-	8.0	36.2	30	16	0
	157	LUXOR	00	8	30	2	0	0	-	8	35	19	08	0
	158	ASWÂN	00	9	28	1	0	0	-	7.8	36.0	24	12	0
OASES	148	SIWA	00	8	00	0	0	0	-	15.0	31.5	48	20	0
	149	BAHARÎYA	00	8	32	2	0	0	-	13.4	30.0	36	13	0
		FARAFRA												
	152	DAKHLA	00	9	28	4	0	0	-	11.2	30.4	37	14	0
	151	KHARGA	00	9	32	3	0	0	-	9.9	32.0	26	10	0
RED SEA	144	SUEZ	00	8	32	3	0	0	-	10.0	31.2	37	14	0
	145	TÛR												
	163	HURGHÂDA	00	9	02	4	0	0	-	9	28	74	23	0
	147	QUSEIR	00	8	02	3	0	0	-	9.2	30.6	68	25	0
	208	PORT SÛDÂN	00	8	06	4	1	5	6	5	34	47	21	0
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA			30	2	0	0	-					
	167	ATBARA	00	9	28	2	0	4	4	1	38	19	11	0
	209	KHARTÛM	00	8	04	2	0	2	1	3				0
	170	KASSALA	00		28	1	1	1	8,1	3	38	33	19	0
CENTRAL SÛDÂN	171	WAD MEDANI	02	9	24	2	1	10	1	4	34	36	17	0
	182	RENK												
	172	ROSEIRES	00	8	16	2	1	0	-	7	33	52	22	0
	174	EL OBEID	00	8	04	3	0	1	4	4	36			0
	175	EL FÂSHER												
	179	GENEINA												
S. SÛDÂN	176	MALAKÂL	01	8	16	1	1	5	6	7	33	56	23	0
	177	WÂU	25	8	08	1	8	5	8,4	6	29	70	23	R
	178	JUBA	01	8	28	1	1	5	9,4	6	33	50	21	0

At 1800 on 15th

PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
ww	V	DD	F	W		C	PPP	TT	UU		
00	8	02	2	0	0	-	16.8	23.0	65	16	0
01	7	02	4	1	7	6	16	24	70	18	0
01	8	28	3	1	5	8	14.6	24.8	80	21	0
00	9	32	2	0	0	-	14.2	25.2	67	18	0
00	7	30	1	0	0	-	13.4	25	65	18	0
00	8	32	2	1	6	8	13.1	25.0	76	20	0
01	7	03	3	0	5	6	13	26	74	20	0
01	9	12	3	1	5	8	13.1	26.1	67	19	0
00	6	04	2	0	0	-	13.9	24.2	78	20	0
00	8	02	2	0	0	-	13.2	25.5	72	20	0
00	8	32	1	0	0	-	14.3	25.2	86	19	0
00	6		2	0	0	-	12.3	24.5	83	21	0
00	7	02	2	0	0	-	14.0	23.3	79	19	0
00	7	02	1	0	0	-	12.6	25.2	70	18	
01	7	32	1	1	5		13	22	80	19	0
01	7	04	1	1	5	6	13.0	21.5	81	17	0
00	7	30	1	4	1	8	13.5	21.5	87	20	0
00	7	30	1	4	1	8	13.1	21.1	92	20	0
09	5	32	4	0	3	8	12.4	23.2	78	19	0
01	8	32	3	1	5	8	12.7	24.7	70	19	0
00	9	02	3	0	0	-	11.9	25.1	69	19	0
01	7	01	5	0	3	6	12	22	78	18	0
00	7	22	1	0	0	-	11.6	22.8	70	17	0
00	8	00	0	0	0	-	9.4	26.8	61	19	0
00	8	22	3	0	0	-	8.8	24.8	59	16	0
00	8	00	0	0	0	-	9	27	52	16	0
00	9	00	0	0	0	-	9.0	26.4	58	17	0
01	7	32	2	0	7		16.8	24.5	81	20	0
01	7	32	2	1	5	4	14	22.0	74	17	0
00	8	00	0	0	0	-	12.4	25.0	61	17	0
00	9	02	1	0	0	-	10.6	24.0	59	16	0
00	6	00	0	0	0	-	11.8	24.2	76	19	0
00	8	02	3	0	2	4	8	30			
05	6	30	4	1	3	1	6	27			
02	8	16	3	2	10	2	7	30			

At 0600 on THURSDAY 16th

PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M. S. L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. MAXIMUM Yesterday	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total from Oct. 1	RAINFALL mms. Norm. from Oct. 1
ww	V	DD	F	W		C	PPP		TT	TxTx		TnTn		UU				
00	9	20	1	0	4	8	15.9		25.0	26				61	17	0		
01	7	30	3	1	7	6	15		24	28		22		70	17	0		
01	8	28	3	1	5	8	14.6		24.8			23		80	21	0	11.7	
00	9	32	2	0	0	-	14.2	+0.5	25.2	28	-2	22	0	67	18	0	20.9	18.7
00	7	30	1	0	0	-	13.4		25	28		22		65	18	0	21.4	13.8
00	8	32	2	1	6	8	13.1	+0.2	25.0	28		22		76	20	0	8.5	10.6
01	7	03	3	0	5	6	13		26	30		24		74	21	0	5.6	8.1
01	9	12	3	1	5	8	13.1	+0.2	26.1	29	-1	20	+1	67	19	0		9.4
00	6	04	2	0	0	-	13.9	+0.3	24.2	30	-2	18	-1	78	20	0	10.5	10.1
00	8	02	2	0	0	-	13.2	0.0	25.5	33	0	20	+1	72	20	0	7.3	5.5
00	8	32	1	0	0	-	14.3	+0.7	22.0	32	-1	15	-3	86	19	0	2.6	4.4
00	6		2	0	0	-	12.3	1.3	24.5	32	-1	17	-1	83	21	0	3.6	2.7
00	7	02	2	0	0	-	14.0	+0.5	23.3	33		17		79	19	0	3.4	
00	7	02	1	0	0	-	12.6		25.2	31		20		70	18		2.1	
01	7	32	1	1	5		13		22	31		18		80	19	0		
01	7	04	1	1	5	6	13.0	-0.3	21.5	31		18		81	17	0	2.5	
00	7	30	1	4	1	8	13.5	+0.2	21.5	31	-2	18	-2	87	20	0	3.2	2.6
00	7	30	1	4	1	8	13.1	+0.2	21.1	31	-1	16	-2	92	20	0	3.1	2.7
09	5	32	4	0	3	8	12.4	-0.6	23.2	32	0	19	-1	78	19	0	1.9	2.9
01	8	32	3	1	5	8	12.7	-0.5	24.7	31	-3	20	+1	70	19	0	1.1	0.8
00	9	02	3	0	0	-	11.9		25.1	33		19		69	19	0	1.1	
01	7	01	5	0	3	6	12		22	32		20		78	18	0	1.2	
00	7	22	1	0	0	-	11.6	-0.5	22.8	33	0	19	-2	70	17	0	0.4	1.4
00	8	00	0	0	0	-	9.4	-1.3	26.8	34		19		61	19	0	0	
00	8	22	3	0	0	-	8.8	-1.6	24.8	37	-1	21	-1	59	16	0	0.5	
00	8	00	0	0	0	-	9		27	37		20		52	16	0	0.4	
00	9	00	0	0	0	-	9.0	-0.9	26.4	37	-2	22	-2	58	17	0	0.4	
01	7	32	2	0	7		16.8	+1.6	24.5	32	-3	15	-3	81	20	0	2.3	8
01	7	32	2	1	5	4	14	+0.7	22.0	31	-3	17	-1	74	17	0	1.8	7
00	8	00	0	0	0	-	12.4	-0.1	25.0	32	-4	20	-1	61	17	0	0.4	
00	9	02	1	0	0	-	10.6	-1.0	24.0	33	-4	22	+1	59	16	0	0	
00	6	00	0	0	0	-	11.8	-0.3	24.2	32	-1	20	-1	76	19	0	-	1.7
																	0.0	1.3
00	8	02	3	0	2	4	8		30			27				0	0.4	2.6
05	6	30	4	1	3	1	6		27							0.4	7	6.7
																0	7.9	15.6
02	8	16	3	2	10	2	7		30			27		89	28	0	17.6	30.5
																0	4.0	5.4
																0	5.4	9.4
																0	2.3.6	30.4
																0		5.4.5
																0	8.6.6	7.7.5
																R	8.2.6	10.3.0
																0	8.1.1	9.1.4

HUMIDITY

Mean at 1800 day

STATION	on 15th	Diff. from normal
Alexandria	65	-2
Ezbekiya	64	0
Giza	63	-4
Helwân	59	+5

GIZA

GRASS MINIMUM TEMP ON 16th 13.0°C

Remarks

UPPER AIR OBSERVATIONS on 15th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT ON 15th AT 14

HEIGHT FEET	PRESSURE mbs	DRY °C	WET °C
SURFACE	1003	29	23
500	985	28	18
1000	967	26	17
1500	950	24	16
2000	933	23	16
4000	866	18	12
6000	803	17	8
8000	745	17	4
10000	689	13	2
12000	638	9	-1
14000	589	5	-4
16000	543	1	-4
18000			
20000			

FAROUK AIRPORT RAWINSONDE ON 16th AT 5

PRESSURE mbs	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE					
1000					
950	370	20	85	90	4
900					
850	3340	17	35	40	20
800	6140	18	-	50	16
700	10320	11	-	30	15
600	14480	3	-	320	3
500	19280	-5	-	270	19
400					
300					
250					
200					
150					
100					

STATION		FOUAD A.P.		P SAÏD		MINYA	
TIME		15		14 30		15	
HEIGHT m		DD	VV	DD	VV	DD	VV
200		360	11	360	20	10	28
500		360	14	10	10	10	22
1000		10	15	20	16	20	21
1500		10	19	20	9	10	6
2000			1	120	3	30	17
3000							
4000							
5000							
6000							
7000							
8000							

STATION							
TIME							
HEIGHT m		DD	VV	DD	VV	DD	VV
200							
500							
1000							
1500							
2000							
3000							
4000							
5000							
6000							
7000							
8000							

UPPER AIR OBSERVATIONS on 16th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMAZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			4 30		3	30	3	30	5				6 45		3 15				5 30		5		5	
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			10	16	360	13	10	8	50	10			30	7	360	38			330	2	10	8	60	11
500			20	10	10	12	40	11	40	16			40	8	10	49			350	6	20	14	60	15
1000			30	14	20	9	50	4	40	17			80	10	30	20			340	9	30	14	80	8
1500					30	12	50	5	40	14			80	14	60	11			320	10	290	8	360	13
2000					20	9	40	3	50	14			50	10	50	09					240	14	30	13
3000					360	9	40	7	30	14													60	12
4000																								
5000									260	8														
6000									270	19														
7000																								
8000																								

STATION	BAHARIYA		DAKHLA		KHARGA		HURGHADA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKA	
TIME			5		6		7 45																	
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			20	8	10	10	330	23																
500			10	18	10	15	320	12																
1000			350	23	20	20	290	12																
1500			10	14	50	8	110	3																
2000			20	16			220	13																
3000							220	23																
4000							230	10																
5000							210	11																
6000							270	5																
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note. All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50 59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms	9

CLOUD FORM (C)

Cirrus	1
Cirrostratus	2
Cirrocumulus	3
Altocumulus	4
Altostratus	5
Stratocumulus	6
Nimbostratus	7
Cumulus	8
Cumulonimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	00	0
Air motion	2-5	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

Use Scale 01-32 e.g.

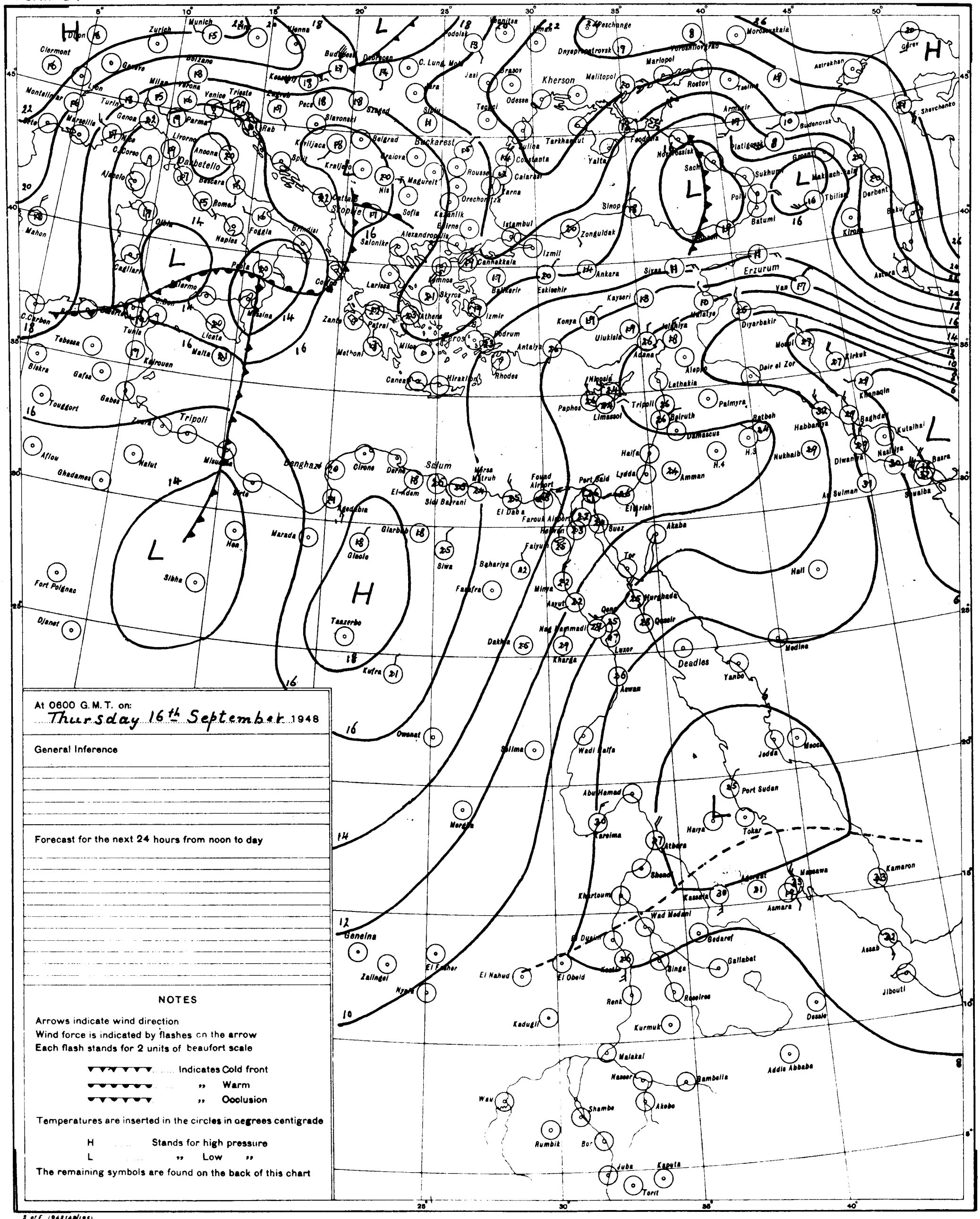
08 = East, 16 = South,

24 = West, 32 = North,

00 is Calm

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
Thursday 16th September 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

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

The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1.15,000,000

CAIRO
Time of Sunrise 03 40 G.M.T.
" " Sunset 15 58 G.M.T.

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

Form 91

DAILY WEATHER REPORT

Date : FRIDAY 17th SEPTEMBER , 1948.

At 1200 on THURSDAY 16

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	00	9	30	3	0	2	8	15.0	25.5	64	18	0
	160	MATRÛH	00	8	32	4	1	2	6	15	26			0
	134	EL DABA	01	8	32	2	1	5	8	14.7	26.1	79	22	0
	132	ALEXANDRIA	00	9	02	3	0	0	-	12.3	26.8	64	20	0
	150	FOUAD (Airport)	00	7	01	2	0	1	6	12.3	28	62	20	0
	159	DAMIETTA	01	8	32	3	1	3	8	11.9	27.4	70	21	0
	161	PORT SAÏD	00	8	01	3	0	1	8	12	28	66	21	0
	135	EL ARISH	00	9	30	5	0	0	-	11.9	28.1	58	19	0
LOWER EGYPT	136	DAMANHUR	00	7	04	3	0	0	-	12.6	30.0	52	19	0
	137	MANSURA	01	8	04	2	1	5	8	11.8	30.5	51	19	0
	138	TANTA	01	8	32	2	1	5	8	12.7	33.0	39	17	0
	139	ZAGAZIG	00	6	32	2	0	0	-	11.2	31.0	53	20	0
		SHIBÎN EL KÔM	00	8	30	3	0	1	8	11.5	33.4	35	15	0
		ISMAÏLIA	00	8	04	1	0	0	-	10.6	32.0	33	14	0
CAIRO AREA	928	FAROUK(Airport)	00	8	02	4	0	0	-	10	32	30	12	0
	141	ALMAZA	00	8	02	4	0	0	-	11	32	36	14	0
		EZBEKÎYA	00	8	30	2	0	0	-	10.3	31.4	42	16	0
		GÎZA	00	8	30	2	0	0	-	10.8	31.2	38	15	0
	143	HELWÂN	00	8	30	4	0	0	-	9.8	32.2	32	13	0
UPPER EGYPT	153	FAIYÛM	00	8	32	3	0	0	-	9.5	31.5	35	15	0
		BENI SUEF	00	9	02	4	0	0	-	9.4	33.9	32	15	0
	162	MINYA	00	8	01	5	0	0	-	9	32	38	16	0
	155	ASYÛT	00	8	20	1	0	0	-	8.7	32.8	30	13	0
	164	NAG' HAMMÂDI	00	8	24	1	0	0	-	7.1	34.0	44	20	0
	156	QENA	00	9	24	2	0	0	-	6.2	37.0	30	16	0
	157	LUXOR	00	8	00	0	0	0	-	6	37	22	12	0
	158	ASWÂN	00	9	22	1	0	0	-	6.0	37.8	22	12	0
OASES	148	SIWA	00	8	00	0	0	0	0	16.2	30.2	52	19	0
	149	BAHARÎYA	00	8	32	1	1	0	-	11.5	31.7	30	12	0
		FARAFRA												
	152	DAKHLA	00	9	28	4	0	0	-	10.4	30.0	47	17	0
	151	KHARGA	00	9	02	1	0	0	-	7.9	34.1	28	13	0
RED SEA	144	SUEZ												
	145	TOR												
	163	HURGHADA	00	8	02	3	0	0	-	7	28	70	22	0
	147	QUSEIR	00	8	02	2	0	0	-	6.9	30.2	76	25	0
	208	PORT SÛDÂN												
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA	00	8	30	3	0	0	-	3	41	10	03	0
	167	ATBARA	01	8	04	2	1		1	1	42	12	07	0
	209	KHARTÛM	02	7	30	2	1	7	4/1					
	170	KASSALA	00	8	16	3	1	1	8	2	38	42	23	0
CENTRAL SÛDÂN	171	WAD MEDANI	02	8	18	3	0	10	1	3	35	39	19	0
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID	02	8	28	2	1	10	4/2	3	37	31	17	0
	175	EL FÂSHER	01	8	04	1	1	5	2		35	22	10	0
	179	GENEINA												
S. SÛDÂN	176	MALAKÂL	95	3	04	3	9	10	9	4	19	94	18	Tr
	177	WÂU	02	8	00					8	29	62	21	0
	178	JUBA	02	8						9	26	70	20	0

At 1800 on 16th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	00	8	02	3	0	6	8	14.6	22.8	75	17	0
	160	MATRÛH	01	7	32	4	0	5	6	14	24	72	18	0
	134	EL DABA												
	132	ALEXANDRIA	00	5	02	3	0	0	-	13.1	24.2	79	20	0
	150	FOUAD (Airport)	00	7	01	2	0	0	-	13	24	86	21	0
	159	DAMIETTA	00	6	30	2	0	0	-	11.9	24.4	86	21	0
	161	PORT SAÏD	00	7	02	4	0	0	-	12	26	74	21	0
	135	EL ARISH	00	9	32	4	0	0	-	11.5	25.8	71	20	0
LOWER EGYPT	136	DAMANHUR	00	6	04	2	0	0	-	12.7	22.6	79	19	0
	137	MANSURA	00	6	32	2	1	0	-	12.7	24.0	82	21	0
	138	TANTA	01	8	00	0	1	3	8	13.1	25.3	72	20	0
	139	ZAGAZIG	00	6	32	2	0	3	8	12.6	25.3	81	21	0
		SHIBÎN EL KÔM	00	7	30	2	0	0	-	12.2	22.7	74	18	0
		ISMAÏLIA	00	8	02	1	0	0	-	11.5	25.8	65	19	0
CAIRO AREA	928	FAROUK(Airport)	00	7	04	4	0	0	-	12	27	60	17	0
	141	ALMAZA	00	7	02	4	0	0	-	12.5	27.3	55	16	0
		EZBEKÎYA	00	7	02	2	0	0	-	11.6	25.0	61	17	0
		GÎZA	00	7	02	2	0	0	-	11.2	26.7	56	17	0
	143	HELWÂN	00	7	32	5	0	0	-	11.4	27.0	43	13	0
UPPER EGYPT	153	FAIYÛM	00	8	32	2	0	0	-	9.9	27.0	51	16	0
		BENI SUEF	00	9	02	4	0	0	-	9.5	27.9	50	16	0
	162	MINYA	00	7	32	3	0	0	-	9	25	54	15	0
	155	ASYÛT	00	8	32	1	0	0	-	10.2	28.0	44	15	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	7.6	26.0	62	18	0
	156	QENA	00	8	22	3	0	0	-	7.6	29.4	45	16	0
	157	LUXOR	00	7	00	0	0	0	-	7	30	33	12	0
	158	ASWÂN	00	9	32	1	0	0	-	7.2	35.0	19	8	0
OASES	148	SIWA	00	6	00	0	0	0	-	13.4	27.3	45	14	0
	149	BAHARÎYA	00	7	32	2	0	0	-	11.9	28.0	39	13	0
		FARAFRA												
	152	DAKHLA	00	8	28	2	0	0	-	10.3	28.7	50	17	0
	151	KHARGA	00	7	00	0	0	0	-	8.8	28.	35	11	0
RED SEA	144	SUEZ	00		00	0	0	0	-	10.3	26.0	57	17	0
	145	TOR												
	163	HURGHADA	00	8	30	2	0	0	-	7	28	70	22	0
	147	QUSEIR												
	208	PORT SÛDÂN												
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA												
	167	ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÛDÂN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S. SÛDÂN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 0600 on FRIDAY 17th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. MAXIMUM Yesterday	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
			ww	V	DD	F	W		C	PPP		TT	T_xT_x		T_nT_n		UU				
MEDITERRANEAN	146	SIDI BARÂNI	00	9	22	2	0	0	-	13.2		24.0			15		65	17	0		
	160	MATRÛH	01	8	29	1	1	3	6	12		23	28		17		55	18	0		
	134	EL DABA	01	8	32	3	1	7	8			25.7			19		80	22	0	11.7	
	132	ALEXANDRIA	01	9	04	2	1	3	8	11.8	-2.0	24.0	27	-3	22	0	78	20	0	20.9	187
	150	FOUAD (Airport)	00	7	31	1	0	1	6	11.8		25	28		21		74	20	0	21.4	138
	159	DAMIETTA	00	8	30	2	0	0	-	11.2	-1.8	25.4	28		20		72	19	0	8.5	106
	161	PORT SAÏD	00	7	02	1	0	1	8	11		27	30		24		66	20	0	5.6	81
	135	EL ARISH	00	9	12	3	0	0	0	11.4	-1.6	25.6	29	-1	19	0	70	20	0		94
LOWER EGYPT	136	DAMANHUR	00	6	04	2	0	0	-	12.6	-1.1	24.0	31	0	19	0	72	18	0	10.5	101
	137	MANSURA	00	8	32	2	0	0	-	11.6	-1.8	25.6	33	0	20	+1	75	21	0	23	55
	138	TANTA	00	8	00	0	0	0	-	12.6	-1.1	23.0	33	0	16	-2	88	21	0	26	44
	139	ZAGAZIG	01	6	32	2	0	3	8	12.1	-1.6	25.3	32	-1	17	0	84	22	0	36	27
		SHIBÎN EL KÔM	08	4	14	1	4	5	8	12.1	-1.5	21.0	34		18		93	24	0	34	
		ISMAÏLIA	01	7	16	1	1	5	4	12.3		26.0	33		20		73	21	0	21	
CAIRO AREA	928	FAROUK(Airport)	05	5	04	3	2	7	6	11		21	33		20		94	20	0		
	141	ALMAZA	05	6	04	2	4	10	6	11.2	-2.2	22.0	33		20		88	20	0	25	
		EZBEKÎYA	05	6	30	1	2	10	6	11.6	-1.8	24.0	32	-1	20	0	83	21	0	32	26
		GÎZA	05	6	30	1	2	10	6	11.5	-1.9	22.8	32	0	20	+2	86	20	0	31	27
	143	HELWÂN	00	7	02	3	0	6	8	10.7	-2.5	23.6	33	+1	20	0	73	19	0	19	29
UPPER EGYPT	153	FAIYÛM	01	8	02	3	1	5	6	10.7	-2.7	23.8	32	-2	20	+1	79	20	0	11	8
		BENI SUEF	00	9	02	2	0	0	-	10.3		25.2	34		19		71	19	0	11	
	162	MINYA	00	7	01	4	0	1	6	10		23	32		20		74	18	0	12	
	155	ASYÛT	00	7	22	1	0	0	-	9.4	-2.8	23.8	34	+1	20	-1	69	18	0	4.4	4
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	7.9	-2.9	24.6	35		18		64	20	0	0	
	156	QENA	00	8	24	2	0	0	-	7.9	-2.6	25.2	39	+1	22	0	60	17	0	5	
	157	LUXOR	00	8	00	0	0	0	-	7		26	39		22		63	16	0	4.4	
	158	ASWÂN	02	9	00	0	1	8	4	7.5	-2.5	27.0	39	0	24	0	49	15	0	4.4	
OASES	148	SIWA	00	7	00	0	0	0	-	14.2	-1.1	22.4	33	-2	16	-2	73	17	0	23	8
	149	BAHARÎYA	02	7	32	2	1	0	-	12.2	-1.8	21.0	33	-1	18	0	82	18	0	18	7
		FARAFRA																			
	152	DAKHLA	00	8	28	2	0	0	-	11.3	-1.3	24.2	32	-2	20	-1	66	18	0	4.4	
	151	KHARGA	00	9	30	2	0	0	-	8.8	-2.9	26.6	35	-2			54	17	0	0	
RED SEA	144	SUEZ	00	6	00	0	0	0	-	10.3	-1.9	24.1	34	+1	20	-1	79	20	0	-	17
	145	TOR																		0	13
	163	HURGHADA	00	9	30	4	0	0	-	8		26	28		24		62	18	0	1	3
	147	QUSEIR	00	8	30	2	0	0	-	7.4	-2.4	28.6	31	-1	25	-1	58	19	0	0	4
	208	PORT SÛDÂN																	0	29.2	106
NORTH SÛDÂN	165	WADI HALFA																	1	6	
	166	KAREIMA																	6	8	27
	167	ATBARA																	0	7	67
	209	KHARTÛM																	0	72	157
	170	KASSALA																	5	181	307
CENTRAL SÛDÂN	171	WAD MEDANI																	0	404	377
	182	RENK																	0		484
	172	ROSEIRES																	1	593	776
	174	EL OBEID																	0	511	343
	175	EL FÂSHER																	0	230	305
	179	GENEINA																			547
S. SÛDÂN	176	MALAKÂL																	Tr	866	779
	177	WÂU																	0	826	1036
	178	JUBA																	0	811	917

HUMIDITY

Mean % of day

STATION	on 16th	Diff. from normal
Alexandria	71	+4
Ezbekîya	68	+4
Giza	69	+2
Helwân	58	+4

GIZA GRASS MINIMUM TEMP ON 17th 17.1 °C

Remarks

UPPER AIR OBSERVATIONS on 16th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT ON 16 At 14 00

HEIGHT FEET	PRESSURE mbs	DRY °C	WET °C
SURFACE	1001	32	26
500	983	27	21
1000	965	27	20
1500	948	26	19
2000	931	24	18
4000	864	19	14
6000	802	19	7
8000	743	16	4
10000	688	13	2
12000	636	8	-2
14000	588	4	-4
16000	542	2	-3
18000			
20000			

FAROUK AIRPORT RAWINSONDE ON ___ At ___

PRESSURE mbs	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					
250					
200					
150					
100					

HEIGHT m.	FOUAD A.P. DD	FOUAD A.P. VV	P. SAÏD DD	P. SAÏD VV	MINYA DD	MINYA VV
TIME	15		15		15	
200	360	10	360	14	350	38
500	10	12	360	16	350	40
1000	10	11	30	13	360	38
1500	360	16	20	12	360	14
2000	10	12	330	9	50	20
3000			310	9	40	12
4000						
5000						
6000						
7000						
8000						

HEIGHT m.	___ DD	___ VV	___ DD	___ VV	___ DD	___ VV	___ DD	___ VV	___ DD	___ VV	___ DD	___ VV
TIME												
200												
500												
1000												
1500												
2000												
3000												
4000												
5000												
6000												
7000												
8000												

UPPER AIR OBSERVATIONS on 17th

DD Direction of wind in degrees East of North. VV Velocity in knots.

HEIGHT m.	SIDI BARÂNI DD	SIDI BARÂNI VV	MATRÛH DD	MATRÛH VV	FOUAD AIRPORT DD	FOUAD AIRPORT VV	PORT SAÏD DD	PORT SAÏD VV	FAROUK AIRPORT DD	FAROUK AIRPORT VV	ALMAZA DD	ALMAZA VV	HELWÂN DD	HELWÂN VV	MINYA DD	MINYA VV	ASYÛT DD	ASYÛT VV	LUXOR DD	LUXOR VV	ASWÂN DD	ASWÂN VV	SIWA DD	SIWA VV
TIME			4				3 30				9				3 15				5 30				5	
200			340	5			10	10			40	12			360	22			350	5			50	39
500			350	5			30	10			40	13			10	16			330	4			290	36
1000			10	11			60	7			40	14			10	17			330	4			270	10
1500			20	11			10	3			30	11			20	16			330	4			200	12
2000			10	14			40	3															260	13
3000																							280	28
4000																							40	36
5000																								
6000																								
7000																								
8000																								

HEIGHT m.	BAHARÎYA DD	BAHARÎYA VV	DAKHLA DD	DAKHLA VV	KHARGA DD	KHARGA VV	HURGHADA DD	HURGHADA VV	WÂDI HALFA DD	WÂDI HALFA VV	ABU HAMÂD DD	ABU HAMÂD VV	KAREIMA DD	KAREIMA VV	KHARTÛM DD	KHARTÛM VV	KASSALA DD	KASSALA VV	EL OBEID DD	EL OBEID VV	EL FÂSHER DD	EL FÂSHER VV	MALAKAL DD	MALAKAL VV
TIME			5		6		8																	
200			340	7	10	10	320	31																
500			10	10	350	11	340	26																
1000			360	23	350	13	320	17																
1500			40	11	330	10	330	21																
2000			110	4	230	7	320	10																
3000							250	17																
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

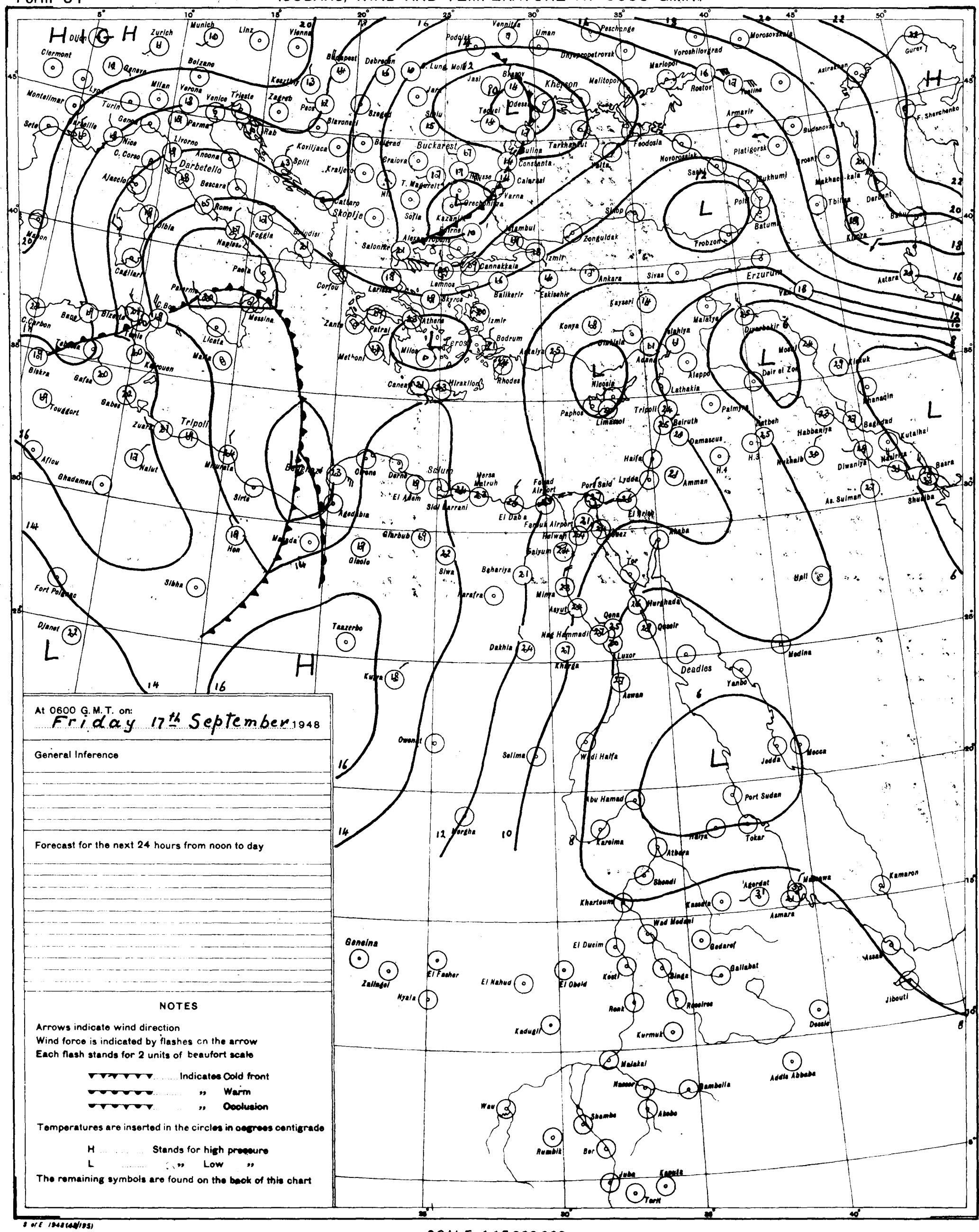
	KPH	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
Friday 17th September 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

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

The remaining symbols are found on the back of this chart

S of E 1948 (48/195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 41 G.M.T.
" " Sunset 15 57 G.M.T.

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

DAILY WEATHER REPORT

Date : SATURDAY 18th SEPTEMBER , 1948.

Form 91

At 1200 on FRIDAY 17th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	00	9	36	3	0	0	-	11.6	25.5	97	25	0
	160	MATRÛH												
	134	EL DABA	01	8	30	3	1	5	8	11.0	26.0	82	23	0
	132	ALEXANDRIA	00	9	32	3	0	0	-		26.0	62	18	0
	150	FOUAD (Airport)	00	8	30	2	0	0	-	11.0	27	62	19	0
	159	DAMIETTA	00	8	30	3	0	0	-	10.6	27.4	56	17	0
	161	PORT SAÏD	00	8	01	3	0	0	-	10	28	62	20	0
	135	EL 'ARISH	00	9	28	4	0	0	-	10.7	27.9	60	19	0
LOWER EGYPT	136	DAMANHUR	00	7	02	3	0	0	-	11.0	30.2	48	18	0
	137	MANSURA	00	8	04	2	0	0	-	10.9	32.0	41	17	0
	138	TANTA	01	8	28	2	1	5	8	11.2	32.3	42	17	0
	139	ZAGAZIG	00	6	32	2	0	0	-	11.8	31.8	51	21	0
		SHIBÎN EL KÔM	00	8	02	3	0	0	-	11.9	32.2	32	14	0
		ISMAÏLÍA	00	8	02	2	0	0	-	11.4	32.3	28	16	0
CAIRO AREA	928	FAROUK(Airport)	00	8	32	3	0	0	-	9	32	34	14	0
	141	ALMÂZA	00	8	02	3	0	0	-	8.6	32.0	30	12	0
		EZBEKÎYA	00	8	02	1	0	0	-	9.1	31.8	43	18	0
		GÎZA	00	8	02	1	0	0	-	9.6	31.4	40	16	0
	143	ḤELWÂN	00	8	30	4	0	0	-	8.0	33.0	24	10	0
UPPER EGYPT	153	FAIYÛM	00	8	02	3	0	0	-	7.9	32.5	20	13	0
		BENI SUEF	00	9	02	2	0	0	-	9.1	34.1	33	15	0
	162	MINYA	00	8	02	3	0	0	-	8	32	41	17	0
	155	ASYÛT	00	8	22	1	0	0	-	7.5	34	23	10	0
	164	NAG' ḤAMMÂDI	00	8	00	0	0	0	-	5.6	35.2	40	19	0
	156	QENA	00	9	24	2	0	0	-	5.4	36.4	36	18	0
	157	LUXOR	00	8	24	1	0	0	-	5	37	27	15	0
	158	ASWÂN	00	9	22	1	0	0	-	5.1	38.6	22	14	0
OASES	148	SIWA	00	8	00	0	0	0	-		31.5	55	22	0
	149	BAḤARÎYA	00	8	32	1	1	0	-	10.0	32.0	32	13	0
		FARAFRA	00	8	28	3	0	0	-	9.9	32.5	36	15	0
	152	DAKHLA	00	9	28	4	0	0	-	8.7	31.3	48	19	0
	151	KHARGA	00	9	32	2	0	0	-	7.1	35.1	24	12	0
RED SEA	144	SUEZ	00	8	32	3	0	0	-	8.2	32.3	29	13	0
	145	TÛR												0
	163	HURGHÂDA	00	9	02	2	0	0	-	6	29	70	23	0
	147	QUSEIR	00	8	02	2	0	0	-	5.8	29.7	78	26	0
	208	PORT SÛDÂN												
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA	01	8	00	0	1	7						0
	167	'ATBARA												
	209	KHARTÛM	01	8	20	3	1	7	4,1	4	36	33	17	0
	170	KASSALA	01	8	16	1								0
CENTRAL SÛDÂN	171	WAD MEDANI	02	8	20	3	1	10	5	4	34	36	17	0
	182	RENK												0
	172	ROSEIRES	00	8	18	2	1	2	5		34	50	22	0
	174	EL OBEID	01	8					4,1	3	34	27	12	0
	175	EL FÂSHER												
	179	GENEINA												
S. SÛDÂN	176	MALAKÂL	01	8	10	2	1	5	8,4	4				0
	177	WÂU	01	8	00	0	1	3	8,1	7	32	49	29	0
	178	JUBA	00	8	00	0	1	1	8,4	6	33	36	18	0

At 1800 on 17th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	00	8	02	2	0	0	-	12.2	23.2	78	19	0
	160	MATRÛH	00	7	30	2	0	0	-	12	23	70	17	0
	134	EL DABA	00	8	28	2	0	0	-		25.8	72	21	0
	132	ALEXANDRIA	01	5	02	1	1	3	4	11.4	23.6	77	20	0
	150	FOUAD (Airport)	01	7	02	1	0	5	5	11.1	22	78	18	0
	159	DAMIETTA	00	7	28	1	0	0	-	10.8	23.2	81	20	0
	161	PORT SAÏD	00	7	01	3	0	0	-	11	26	70	20	0
	135	EL 'ARISH	00	9	30	4	0	0	-	10.7	25.4	75	20	0
LOWER EGYPT	136	DAMANHUR	00	6	02	3	0	0	-	11.0	22.0	82	19	0
	137	MANSURA	00	6	32	2	0	0	-	11.0	23.4	76	19	0
	138	TANTA	01	8	00	0	1	3	8	10.6	23.0	83	20	0
	139	ZAGAZIG	00	6	32	2	0	0	-	12.2	25.0	74	20	0
		SHIBÎN EL KÔM	00	7	02	2	0	0	-	11.9	25.4	62	17	0
		ISMAÏLÍA	00	7	02	2	0	0	-	11.0	25.2	67	18	0
CAIRO AREA	928	FAROUK(Airport)	00	7	02	4	0	0	-	10	27	50	16	0
	141	ALMÂZA	00	7	03	3	0	0	-	9.8	26.8	47	16	0
		EZBEKÎYA	00	7	02	2	0	0	-	10.4	25.1	61	17	0
		GÎZA	00	7	02	2	0	0	-	10.2	26.2	51	15	0
	143	ḤELWÂN	00	7	32	5	0	0	-	10.0	29.9	45	17	0
UPPER EGYPT	153	FAIYÛM	00	8	02	1	0	0	-	8.3	27.0	44	14	0
		BENI SUEF	00	9	02	2	0	0	-	8.3	28.4	43	14	0
	162	MINYA	00	7	32	2	0	0	-	8	24	54	14	0
	155	ASYÛT	00	6	20	1	0	0	-	8.4	26.8	38	11	0
	164	NAG' ḤAMMÂDI	00	8	00	0	0	0	-	6.6	26.6	64	19	0
	156	QENA	01	6	22	3	0	3	3	5.6	31.0	37	15	0
	157	LUXOR	00	7	00	0	0	-	-	6	31	36	14	0
	158	ASWÂN	00	7	30	1	0	0	-	5.8	36.0	20	10	0
OASES	148	SIWA	00	7	00	0	0	0	-	11.6	24.5	60	16	0
	149	BAḤARÎYA	00	7	32	1	0	0	-	10.0	27.5	41	13	0
		FARAFRA	00	7	28	2	0	0	-	10.0	25.4	49	14	0
	152	DAKHLA	00	8	28	2	0	0	-	9.1	29.3	50	17	0
	151	KHARGA	00	7	00	0	0	0	-	7.4	29.8	30	10	0
RED SEA	144	SUEZ			32	2	0	0	-	8.6	26.1	61	18	0
	145	TÛR												
	163	HURGHÂDA	00	8	29	2	0	0	-	7	29	55	19	0
	147	QUSEIR	00	8	32	1	0	0	-	7.8	27.8	74	23	0
	208	PORT SÛDÂN												
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÛDÂN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S. SÛDÂN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 0600 on SATURDAY 18th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from norm.	MINIMUM Today	MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct 1	RAINFALL mms. Norm. From Oct 1
			ww	V	DD	F	W		C	PPP		TT	TxTx		TnTn		UU				
MEDITERRANEAN	146	SIDI BARÂNI	00	8	20	2	0	0	-	13.2		22.5	26		16		73	17	0		
	160	MATRÛH	00	8	27	1	0	0	-	13		23	28		16		69	17	0		
	134	EL DABA	00	8	24	3	0	0	-	12.0		23.8					85	21	0	117	
	132	ALEXANDRIA	01	7	32	1	2	5	4	12.3	-1.7	24.8	27	-3	21	-1	68	19	0	209	187
	150	FOUAD (Airport)	01	7	00	0	1	5	6	12.3		26	29		18		70	20	0	214	138
	159	DAMIETTA	00	8	18	1	0	0	-	11.8	-1.3	24.3	28		17		81	20	0	85	106
	161	PORT SAÏD	00	7	04	1	0	0	-	12		26	29		23		70	20	0	56	81
	135	EL 'ARISH	00	9	12	3	0	0	-	12.0	-1.1	25.8	29	0	18	-1	71	20	0		94
LOWER EGYPT	136	DAMANHUR	00	6	20	2	0	0	-	12.2	-1.6	23.2	32	+1	18	-1	87	20	0	105	101
	137	MANSURA	01	8	04	1	1	3	4	12.4	-1.1	25.4	33	0	18	-1	73	20	0	73	55
	138	TANTA	00	8	00	0	0	0	-	11.7	-2.1	21.0	33	0	15	-3			0	26	44
	139	ZAGAZIG	00	6	32	1	0	0	-	11.4	-2.5	25.0	33	0	17	0	74	20	0	34	27
		SHIBÎN EL KÔM	00	7	02	2	0	0	-	12.6	-1.1	22.1	33		17		83	19	0	34	
		ISMAÏLÍA	01	7	00	0	1	3	5	12.0		25.0	33		19		70	19	0	21	
CAIRO AREA	928	FAROUK(Airport)	02	7	04	3	1	3	6	12		21	32		18		79	18	0		
	141	ALMÂZA	01	7	04	1	2	7	6	12.3	-1.2	23	32		18		79	19	0	25	
		EZBEKÎYA	01	7	28	1	1	5	8	12.4	-0.9	22.2	32	0	19	-1	82	19	0	32	26
		GÎZA	01	7	28	1	1	5	8	12.3	-1.2	22.5	32	0	17	0	79	18	0	31	27
	143	ḤELWÂN	00	7	32	3	0	1	6	12.0	-1.3	21.7	33	+1	19	-1	75	17	0	19	29
UPPER EGYPT	153	FAIYÛM	00	8	02	3	0	1	8	11.9	-1.7	22.9	33	0	19	0	75	18	0	11	8
		BENI SUEF	02	9	02	2	0	8	9	11.8		22.6	34		17		79	19	0	11	
	162	MINYA	00	7	01	4	0	0	-	11.2		22	33		18		89	20	0	12	
	155	ASYÛT	00	7	26	1	0	0	-	11.0	-1.3	24.0	35	+2	20	-1	80	16	0	tr	4
	164	NAG' ḤAMMÂDI	00	8	00	0	0	0	-	9.8	-1.1	27.6	36		21		61	20	0	0	
	156	QENA	00	8	24	2	0	0	-	9.5	-1.2	26.4	38	0	23	+1	59	17	0	5	
	157	LUXOR	00	8	20	1	0	0	-	9		29	39		23		37	13	0	tr	
	158	ASWÂN	00	9	30	1	0	0	-	8.6	-1.4	29.7	42	+3	26	+2	40	15	0	tr	
OASES	148	SIWA	00	7	00	0	0	0	-	12.9	-1.5	24.2	33	-2	15	-3	69	18	0	23	8
	149	BAḤARÎYA	00	8	32	1	0	0	-	12.4	-1.8	21.3	33	-1	17	-1	79	17	0	18	7
		FARAFRA																	0		
	152	DAKHLA	00	8	28	1	0	0	-	12.1	-0.6	21.0	34	-2	19	-2	53	11	0	tr	
	151	KHARGA	00	9	32	2	0	0	-	11.1	-0.7	24.4	36	-1	23	+2	51	16	1	0	
RED SEA	144	SUEZ	00	8	32	2	0	0	-	12.2	-0.1	24.1	34	+1	20	-1	72	19	0	-	17
	145	TÛR																	0	0	13
	163	HURGHÂDA	00	9	30	4	0	0	-	9		27	30		20		58	18	0	1	3
	147	QUSEIR	00	8	32	3	0	0	-	8.6	-1.4	29.0	31	-1	24	-2	60	20	0	0	4
	208	PORT SÛDÂN	01	8	16	2	1	5	4	8		33			25				0	292	106
NORTH SÛDÂN	165	WADI HALFA																	0	tr	
	166	KAREIMA	01	7	18	1	1	5	4,1	8		30			26		38	14	0	tr	27
	167	'ATBARA	01	7	20	2	1	5	3,4	8		32			28		43	18	0	7	68
	209	KHARTÛM																	0	79	157
	170	KASSALA	00	8	28	1	1	6	4	11		27			21		95	27	3	184	308
CENTRAL SÛDÂN	171	WAD MEDANI	01	9	16	3	1	5	7	10		27					70	21	0	404	378
	182	RENK																	0	-	487
	172	ROSEIRES																	0	593	782
	174	EL OBEID																	0	511	346
	175	EL FÂSHER																	0	230	305
	179	GENEINA																			549
S. SÛDÂN	176	MALAKÂL	01	6	00	0	1	5	4	9		23					89	21	0	866	783
	177	WÂU																	0	826	1041
	178	JUBA	02	8	00	0	1	7	5	10		22					94	21	0	811	921

HUMIDITY

Mean % of day

STATION	on 17 Th	Diff. from normal
Alexandria	76	+9
Ezbekîya	66	+2
Giza	64	-3
Helwân	55	+1

GIZA

GRASS MINIMUM TEMP ON 18 Th 13.8°C

Remarks

UPPER AIR OBSERVATIONS on 17 Th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT

ON 17 At 14 30

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C	WIND DD	WIND VV
SURFACE	999	30	24	60	3
500	981	28	19	60	3
1000	963	28	19		
1500	946	28	18		
2000	930	24	17		
4000	863	22	9		
6000	800	18	7		
8000	742	17	4		
10000	687	12	1		
12000	636	8	-1		
14000	587	6	-3		
16000	541	1	-4		
18000					
20000					

FAROUK AIRPORT RAWINSONDE

ON 18 Th At 4

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE					
1000	310	28	95	60	3
950					
900	3280	22	-	20	12
850	4890	19	-	40	16
800	6580	18	-	310	2
700	10220	11	-	320	3
600	14420	3	-	240	21
500	19180	-6	-	290	18
400					
300	31700	-32	-	250	42
250					
200	40720	-50	-	290	41
150					
100	54860	-70	-	260	34

STATION	P. SAÏD				MINYA							
TIME	14	15			15							
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	10	11			360	40						
500	350	7			360	42						
1000	30	4			360	38						
1500	350	8			360	14						
2000	310	9			10	9						
3000												
4000												
5000												
6000												
7000												
8000												

STATION												
TIME												
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200												
500												
1000												
1500												
2000												
3000												
4000												
5000												
6000												
7000												
8000												

UPPER AIR OBSERVATIONS on 18 Th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		ḤELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			4				4		4				6	30	3	30			5	45	5		5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			320	5			10	4	50	10			30	7	10	30					350	3	120	15
500			350	8			320	4	30	10			40	14	360	45			350	1	30	14	120	8
1000			20	16			280	4	20	10			30	10	350	36			350	8	20	14	170	3
1500			20	11			350	6	40	9			40	12	330	10			250	3	270	5	350	15
2000			350	6			350	6	30	2			350	7							210	8		
3000			320	9			290	16	320	3			80	2										
4000			310	10			240	16					200	17										
5000			260	6					240	14														
6000			260	20					260	14														
7000																								
8000									250	22														

STATION	BAḤARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU ḤAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME			5		6		8				3	30					2	15					3	45
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			10	3	20	12	350	33																
500			50	7	10	20	350	40			190	10					170	12					10	4
1000			10	19	360	11	300	14			200	13					190	13					60	3
1500			340	13	310	14	290	30			210	15					130	7					140	7
2000			310	12	220	19	340	11			180	8					70	13					170	5
3000							10	25			110	12					360	14					220	2
4000											100	19					110	28					240	2
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

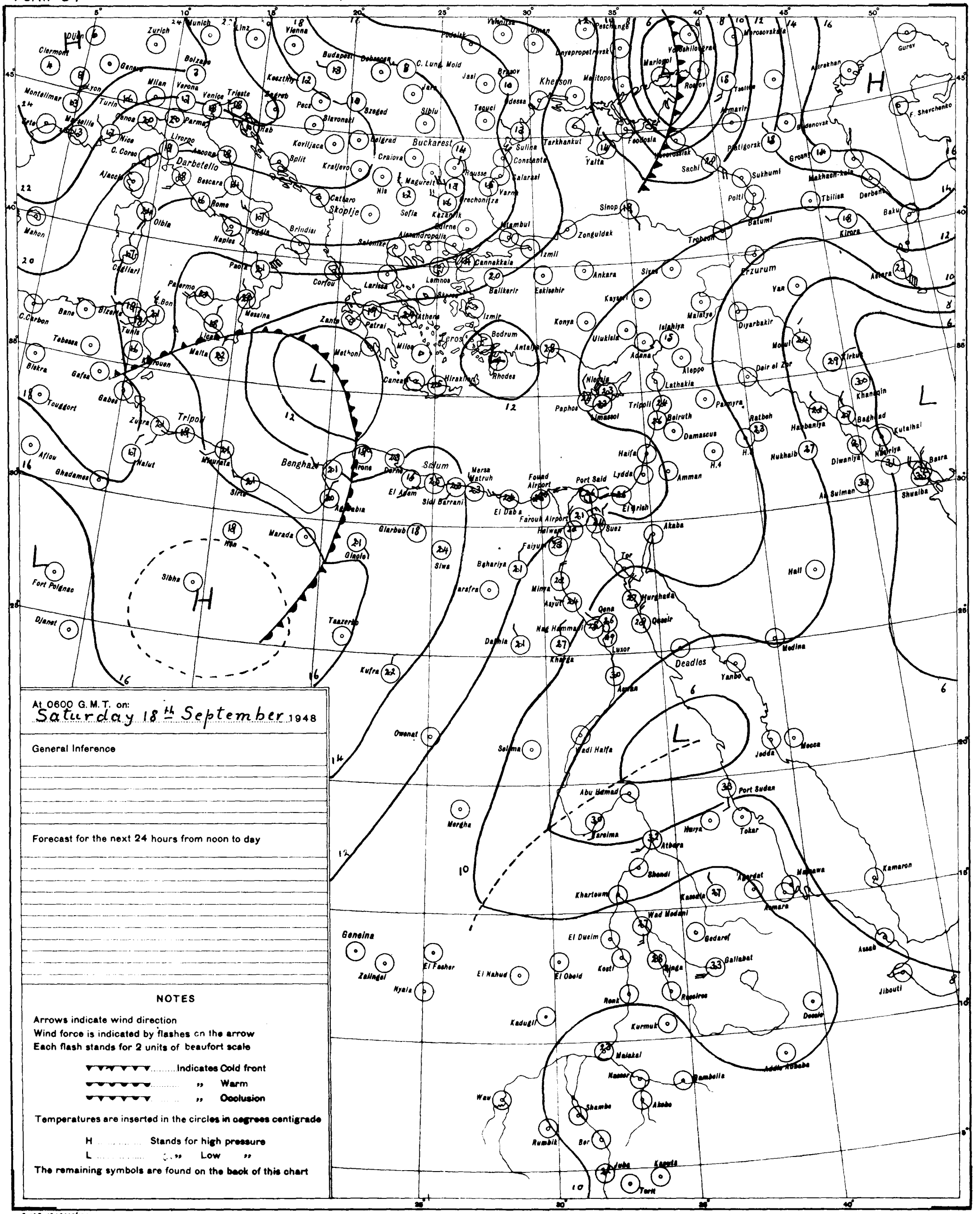
	K P H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
Saturday 18th September 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

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

The remaining symbols are found on the back of this chart

S of E 1948(48)195)

SCALE 1:15,000,000

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

Form 91

CAIRO

Time of Sunrise 03 41 G.M.T.

" " Sunset 15 56 G.M.T.

DAILY WEATHER REPORT

Date: SUNDAY 19th SEPTEMBER, 1948.

AREA	INDEX NUMBER	STATION	At 1200 on SATURDAY 18th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C TT	HUMIDITY % UU	DEW POINT °C	RAIN 6-12 G.M.T. mms	At 1800 on SATURDAY 18th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C TT	HUMIDITY % UU	DEW POINT °C	RAIN 12-18 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI	00	9	30	3	0	0	—	13.6	26.5	64	18	0	00	8	02	2	0	0	—	14.4	23.2	86	20	0
	160	MATRÛH	00	8	29	4	0	0	—	13	29	62	21	0	00	8	30	2	0	0	—	14	24		20	0
	134	EL DABA	00	8	28	3	0	0	—	12.4	27.1	78	23	0	00	9	00	0	0	0	—	13.2	23.4	94	22	0
	132	ALEXANDRIA	00	9	02	3	0	0	—	12.3	26.8	64	20	0	00	5	02	2	0	0	—	13.4	25.0	74	20	0
	150	FOUAD (Airport)	00	7	30	2	0	4	6	12	27	66	20	0	00	7	30	3	0	0	—	13.3	24	84	21	0
	159	DAMIETTA	00	8	04	2	1	1	8	11.5	27.0	66	20	0	00	6	28	1	1	0	—	12.7	22.5	82	19	0
	161	PORT SA'ÎD	00	8	01	2	0	0	—	12	28	62	20	0	00	7	02	2	0	0	—	13	25	74	20	0
	135	EL 'ARISH	00	9	32	4	0	0	—	11.8	27.9	79	24	0	00	9	32	3	0	0	—	12.7	24.9	90	23	0
LOWER EGYPT	136	DAMANHUR	00	7	04	3	0	0	—	11.9	30.0	51	19	0	00	6	04	2	0	0	—	13.1	23.2	76	19	0
	137	MANSURA	00	8	04	2	1	0	—	11.8	31.5	37	15	0	00	6	32	2	0	0	—	13.5	23.6	74	19	0
	138	TANTA	00	8	00	0	0	0	—	12.3	32.0	38	16	0	01	8	00	0	1	5	8	13.0	23.5	81	20	0
	139	ZAGAZIG	00	6	32	2	0	0	—	9.9	32.4	54	21	0	00	6	32	2	0	0	—	11.5	25.4	76	20	0
		SHIBÎN EL KÔM	00	8	02	3	0	0	—	11.8	32.3	37	16	0												
		ISMAÎLÍA	00	8	02	1	0	0	—	10.4	33.2	29	13	0	00	7	04	1	0	0	—	11.4	25.5	58	17	0
CAIRO AREA	928	FAROUK(Airport)	00	8	32	3	0	0	—	10	30	40	15	0	00	7	32	3	0	0	—	13	27	52	16	0
	141	ALMÂZA	00	8	02	2	0	0	—	10.3	31.5	30	11	0	00	7	02	2	0	0	—	12.1	27.0	49	16	0
		EZBEKÎYA	00	8	06	2	0	0	—	10.7	31.3	42	16	0	00	7	30	1	0	0	—	12.6	25.5	58	17	0
		GÎZA	00	8	06	2	0	0	—	11.1	31.1	32	12	0	00	7	30	1	0	0	—	12.4	25.4	52	14	0
	143	ḤELWÂN	00	8	32	4	0	0	—	9.9	32.9	21	8	0	00	7	30	3	0	0	—	12.4	27.2	43	13	0
UPPER EGYPT	153	FAIYÛM	00	8	32	3	0	0	—	10.0	32.3	21	7	0	00	8	32	1	0	0	—	11.0	27.0	41	13	0
		BENI SUEF	00	9	02	2	0	0	—	9.6	34.2	27	12	0	00	9	32	2	0	0	—	11.0	28.6	43	14	0
	162	MINYA	00	8	32	4	0	0	—	10	32	38	16	0	00	7	32	2	0	0	—	11	23?	65	16	0
	155	ASYÛT	00	8	26	1	0	0	—	9.1	34.6	20	8	0	00	6	20	1	0	0	—	10.7	26.0	36	10	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	—	7.8	35.3	25	12	0	00	8	00	0	0	0	—	8.6	27.7	54	18	0
	156	QENA	00	9	24	2	0	0	—	7.2	36.3	33	17	0	00	6	22	3	0	0	—	8.0	31.0	35	14	0
	157	LUXOR	00		00	0	0	0	—	7	38	19	11	0	00	7	00	0	0	0	—	8	31	31	12	0
	158	ASWÂN	00	9	02	1	0	0	—	5.5	40.4	16	10	0	00	9	32	2	0	0	—	7.4				0
OASES	148	SIWA	00	8	00	0	0	0	—	13.0	33.4	43	19	0	00	6	00	0	0	0	—	12.3	24.5	30	13	0
	149	BAHARÎYA	00	8	32	1	0	0	—	10.6	32.0	30	13	0	00	7	00	0	0	0	—	11.9	27.5	35	11	0
		FARAFRA													00	6	30	2	0	0	—	13.2	26.7	40	12	0
	152	DAKHLA	00	9	28	2	0	0	—	9.6	34.6	40	19	0	00	8	00	0	0	0	—	11.8	30.3	45	17	0
	151	KHARGA	00	9	32	2	0	0	—	8.4	35.2	22	10	0	00	9	00	0	0	0	—	9.4	29.4	24	7	0
RED SEA	144	SUEZ	00	8	32	2	0	0	—	9.1	33.1	22	8	0	00		32	2	0	0	—	12.2	26.7	39	12	0
	145	TÛR																								
	163	HURGHÂDA	00	9	02	2	0	0	—	9	28	70	22	0	00	8	30	3	0	0	—	9	30	43	16	0
	147	QUSEIR	00	8	02	2	0	0	—	8.8	30.0	71	24	0	00	8	30	2	0	0	—	8.4	28.0	82	25	0
	208	PORT SÛDÂN							•																	
NORTH SÛDÂN	165	WADI HALFA																								
	166	KAREIMA																								
	167	'ATBARA	01	8	14	2	1	5	8	4	40	19	12	0												
	209	KHARTÛM	01	7	18	2	0	7	9,4	5	37	35	19	0												
	170	KASSALA	00	8	00	0	0	0	—	3	36	—	—	0												
CENTRAL SÛDÂN	171	WAD MEDANI	01	8	20	2	1	7	8	5			13	0												
	182	RENK																								
	172	ROSEIRES																								
	174	EL OBEID	02	8	30	3	1	8	8,4	4	37	33	18	0												
	175	EL FÂSHER	00	8				1	8	—	37			0												
	179	GENEINA																								
S. SÛDÂN	176	MALAKÂL																								
	177	WÂU																								
	178	JUBA																								

AREA	INDEX NUMBER	STATION	At 0600 on SUNDAY 19th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESSURE M.S.L. mbs. PPP	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C Dry Bulb TT	TEMPERATURE °C MAXIMUM Yesterday TxTx	TEMPERATURE °C MAXIMUM Diff. from norm.	TEMPERATURE °C MINIMUM Today TnTn	TEMPERATURE °C MINIMUM Diff. from norm.	HUMIDITY % UU	DEW POINT °C	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
MEDITERRANEAN		SIDI BARÂNI	00	9	22	2	0	0	—	15.9		23.3	28		16		87	21	0		
		MATRÛH	00	7	27	2	0	0	—	16		24	28		18		79	20	0		
		EL DABA	00	8	28	3	0	0	—	14.7		26.0	28		20		90	24	0	117	
		ALEXANDRIA	01	9	04	1	1	3	4	14.7	+0.6	26.0	28	-2	23	+1	76	21	0	209	187
		FOUAD (Airport)	00	7	32	1	0	6	6	14.8		28	28		18		70	22	0	214	138
		DAMIETTA	04	6	16	1	4	0	—	14.2	+1.0	24.0	29		18		84	21	0	83	106
		PORT SA'ÎD	00	6	00	0	0	6	8	14		26	29		22		70	20	0	56	81
		EL 'ARISH	00	9	12	3	0	0	—	14.0	+0.8	25.2	31	+2	17	-2	68	19	0		94
LOWER EGYPT		DAMANHÛR	41	5	20	2	4	0	—	14.4	+0.5	22.8	31	0	18	-1	93	22	0	105	101
		MANSÛRA	01	7	08	1	1	5	6	14.7	+1.1	22.2	33	0	17	-2	87	20	0	73	58
		TANTA	01	8	00	0	1	7	8	14.1	+0.1	20.0	32	-1	14	-4	93	19	0	26	44
		ZAGAZIG	00	6	24	2	0	0	—	13.2	-0.8	22.8	32	-1	16	-1	91	21	0	36	27
		SHIBÎN EL KÔM	01	7	02	2	1	5	8	14.1	+0.3	24.9	33		18		77	21	0	34	
		ISMAÎLÍA	00	7	00	0	0	0	—	14.3		25.3	33		19	-1	70	19	0	21	
CAIRO AREA		FAROUK(Airport)	00	7	08	3	0	0	—	14		22	33		18		78	18	0		
		ALMÂZA	00	7	04	1	0	4	—	14.3	+0.7	22.6	32		18		75	18		25	
		EZBEKÎYA	05	6	30	1	0	0	—	14.7	+1.1	21.5	32	0	19	-1	81	19	0	32	26
		GÎZA	05	6	30	1	0	0	—	14.8	+1.1	19.8	32	0	17	0	94	19	0	31	27
		ḤELWÂN	00	7	02	1	0	0	—	14.3	+0.9	22.0	33	+1	18	-2	77	18	0	19	29
UPPER EGYPT		FAIYÛM	01	8	32	3	1	3	8	15.0	+1.3	32.6	34	+1	19	0	76	19	0	11	8
		BENI SUEF	00	9	06	1	0	0	—	13.9		23.4	35		17		74	18	0	11	
		MINYA	00	7	01	4	0	0	—	13		22	33		18		74	17	0	12	
		ASYÛT	00	7	26	2	0	0	—	13.0	+0.6	23.8	35	+2	19	-2	62	16	0	dr	4
		NAG' HAMMÂDI	00	8	00	0	0	0	—	11.6	+0.6	26.7	36		20		62	19	0	0	
		QENA	00	8	24	2	0	0	—	10.8	-0.1	26.2	38	0	23	+1	54	16	0	5	
		LUXOR	00	8	02	2	0	0	—	11		30	40		22		38	14	0	dr	
		ASWÂN	01	9	32	3	1	3	1	9.6	-0.5	31.0	41	+2	27	+3	32	12	0	dr	
OASES		SIWA	00	7	00	0	0	0	—	17.0	+1.5	33.8	35	0	14	-4	89	15	0	23	8
		BAHARIYA	01	8	32	1	1	5	4	15.4	+1.0	21.0	34	+1	17	-1	82	18	0	18	7
		FARAFRA	00	8	00	0	0	0	—	14.8		26.0	35		17		59	17	0		
		DAKHLA	00	8	00	0	0	0	—	12.1	+0.3	27.0	35	-1	20	0	50	16	0	dr	
		KHARGA	00	9	32	2	0	0	—	11.8	-0.1	27.7	36	-1	22	+1	41	13	0	0	
RED SEA		SUEZ	00	8	32	2	0	0	—	14.3	+1.9	23.9	35	+2	19	-2	75	19	0		17
		TÛR																	0	0	13
		HURGHADA	00	9	30	3	0	0	—	11		27	30		21		55	17	0	1	3
		QUSEIR	00	8	30	3	0	0	—	11.3	+1.2	29.0	31	-1	26	+1	60	20	0	0	4
		PORT SUDAN																	0	292	106
NORTH SÛDÂN		WADI HALFA																	0	4	
		KAREIMA																	0	4	27
		'ATBARA																	0	7	68
		KHARTÛM																	2	81	158
		KASSALA																	0	184	310
CENTRAL SÛDÂN		WAD MEDANI																	0	404	379
		RENK																			490
		ROSEIRES																	0	593	787
		EL OBEID																	0	311	349
		EL FÂSHER																	0	230	306
		GENEINA																			551
S. SÛDÂN		MALAKÂL																	0	866	787
		WÂU																	0	826	1046
		JUBA																	0	811	944

HUMIDITY

Mean of day

STATION	on 18th	Diff. from normal
Alexandria	69	+2
Ezbekîya	64	0
Giza	61	-6
Helwân	55	+1

GIZA GRASS MINIMUM TEMP ON 19th 12.9 °C

Remarks

UPPER AIR OBSERVATIONS on 18th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AERODROME ASCENT ON 18th AT 15

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C
SURFACE		29	19
500		28	19
1000		28	18
1500		27	18
2000		25	18
4000		22	11
6000		18	7
8000		16	4
10000		12	1
12000		7	-1
14000		3	-4
16000		0	-7
18000			
20000			

FAROUK AIRPORT RAWINSONDE 3 ON 19th AT

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		19	79	70	3
1000	370	18	85	70	3
950		17	95		
900	3330	19		20	18
850	4930	19		30	21
800	6620	16		30	17
700	10310	11		310	7
600	14480	4		280	19
500	19270	-4		280	23
400		-14			
300					
250					
200					
150					
100					

STATION				Port Said				Minya			
TIME				15 30				15			
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200					350	8	360	19				
500					340	10	10	16				
1000					320	3	20	14				
1500							30	14				
2000							40	9				
3000												
4000												
5000												
6000												
7000												
8000												

STATION												
TIME												
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200												
500												
1000												
1500												
2000												
3000												
4000												
5000												
6000												
7000												
8000												

UPPER AIR OBSERVATIONS on 19th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÎD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			4 45		3		5		3				6 15		3 16				5 45		5		5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			340	10	330	8	10	6	40	10			340	4	360	30			10	8	360	10	100	11
500			10	8	340	5	10	7	20	13			20	12	10	36			340	12	20	16	90	12
1000					340	8	20	13	20	15			30	24	360	28			360	5	30	10	100	11
1500							40	13	30	17			40	12	10	19			290	3	20	8	350	14
2000							30	1	340	5			30	9	340	14					70	5	300	9
3000									310	5			220	8									40	6
4000									270	13			250	16									10	6
5000									270	16													310	7
6000									290	23														
7000																								
8000																								

STATION	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME			5		6		8																	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			360	3	10	16	340	30																
500			10	12	10	20	300	17																
1000			10	25	10	18	340	22																
1500			360	18	330	8	230	13																
2000			360	34	220	13	300	12																
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

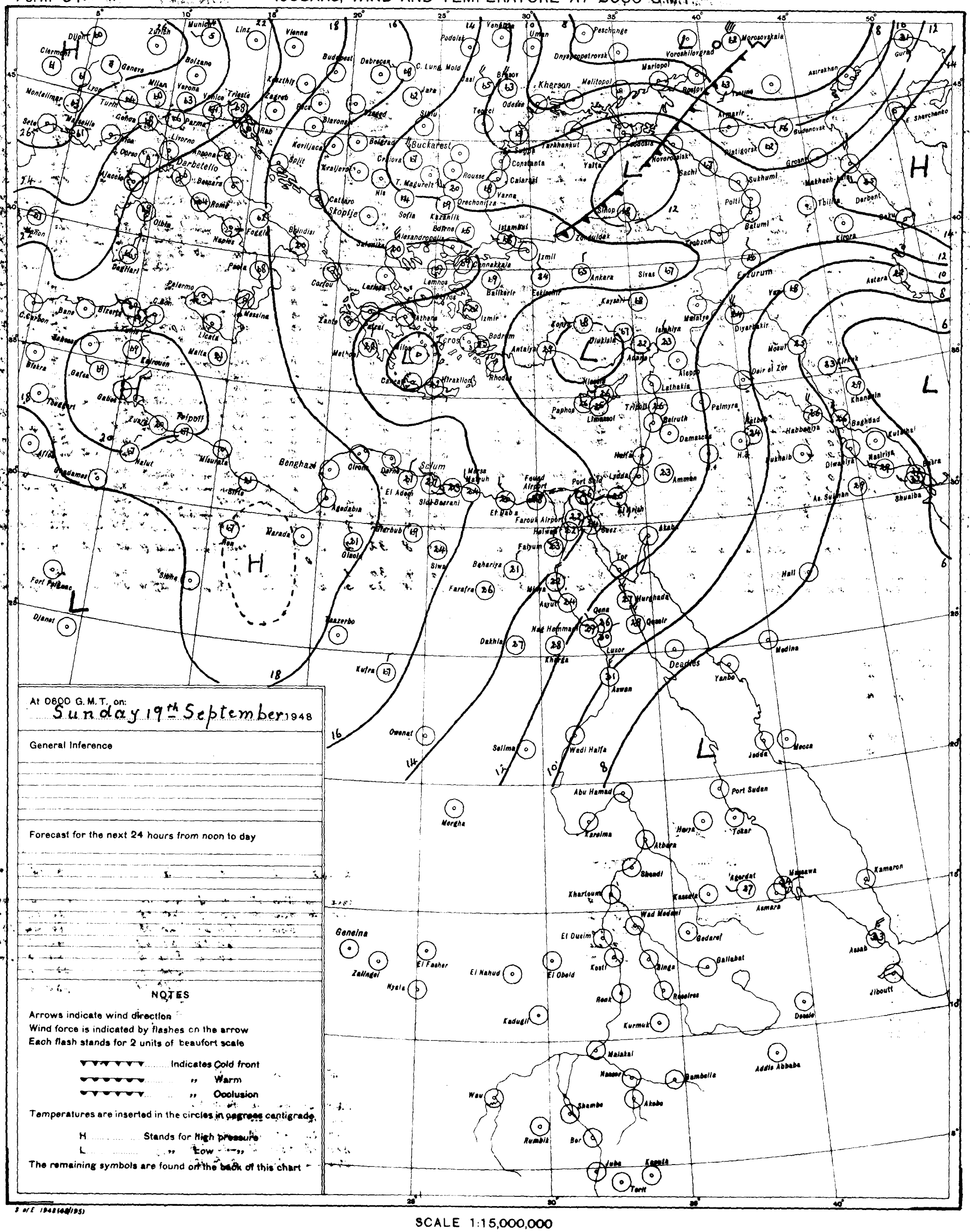
	K.P.H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
Sunday 19th September 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

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

The remaining symbols are found on the back of this chart

S of E 1948(60)(195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise .... 03 42 .... G.M.T.
" " Sunset .... 15 55 .... G.M.T.

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

Form 91

DAILY WEATHER REPORT

Date : MONDAY 20th SEPTEMBER , 1948.

AREA	INDEX NUMBER	STATION	At 1200 on SUNDAY 19th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C TT	HUMIDITY % UU	DEW POINT °C	RAIN 6-12 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI												
	160	MATRÛH	00	8	29	4	0	0	—	16	28	70	22	0
	134	EL DABA	00	8	00	0	0	0	—	15.6	28.6	80	25	0
	132	ALEXANDRIA	00	9	30	3	0	0	—	14.4	28.0	69	22	0
	150	FOUAD (Airport)	00	8	31	3	0	0	—	14.8	28	64	21	0
	159	DAMIETTA	00	8	30	3	0	0	—	13.5	29.0	37	13	0
	161	PORT SA'ID	00	8	31	2	0	0	—	14	28	62	20	0
	135	EL 'ARISH	00	9	28	3	0	0	—	13.4	27.9	82	25	0
LOWER EGYPT	136	DAMANHUR	00	7	04	2	0	0	—	13.1	30.6	48	19	0
	137	MANŞURA	00	8	04	2	1	0	—	13.6	33.2	40	18	0
	138	TANTA	00	8	28	2	1	0	—	14.4	32.5	41	17	0
	139	ZAGAZIG	00	6	24	2	0	0	—	13.9	33.2	47	19	0
		SHIBÎN EL KÔM	00	8	02	3	0	0	—	13.8	32.2	43	18	0
		ISMA'ÎLÍA	00	8	23	1	0	0	—	12.6	33.3	24	10	0
CAIRO AREA	928	FAROUK(Airport)	00	8	32	4	0	0	—	13	32	36	15	0
	141	ALMÂZA	00	8	02	4	0	0	—	12.8	32.0	31	12	0
		EZBEKÍYA	00	8	02	2	0	0	—	13.0	32.2	34	14	0
		GÎZA	00	8	02	2	0	0	—	12.7	31.6	34	14	0
	143	HELWÂN	00	8	32	4	0	0	—	12.3	32.9	21	8	0
UPPER EGYPT	153	FAIYÛM	00	8	02	3	0	0	—	12.3	32.8	21	8	0
		BENI SUEF	00	9	02	3	0	0	—	13.0	34.2	29	13	0
	162	MINYA	00	8	01	4	0	0	—	12	33	32	14	0
	155	ASYÛT	00	8	28	2	0	0	—	10.7	34.3	16	5	0
	164	NAG' HAMMÂDI	00	8	24	1	0	0	—	8.4	34.4			0
	156	QENA	00	9	24	2	0	0	—	8.4	38.2	25	15	0
	157	LUXOR	00	8	27	1	0	0	—	8	39	18	11	0
	158	ASWÂN	00	9	32	2	0	0	—	6.2	41.6	13	8	0
OASES	148	SIWA	00	8	28	2	0	0	—	14.3	36.5	46	23	0
	149	BAHARÍYA	00	8	32	1	1	0	—	12.8	34.0	24	10	0
		FARAFRA												
	152	DAKHLA	00	9	28	4	0	0	—	11.6	34.0	20	8	0
	151	KHARGA	00	9	32	2	0	0	—	10.3	35.8	19	9	0
RED SEA	144	SUEZ	00	8	32	2	0	0	—	11.1	32.6	23	9	0
	145	TÛR												
	163	HURGHÂDA	00	9	02	3	0	0	—	9	28	70	22	0
	147	QUSEIR	00	8	02	2	0	0	—	9.4	31.0	46	18	0
	208	PORT SÛDAN												
NORTH SÛDAN	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÛDAN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S SÛDAN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

AREA	INDEX NUMBER	STATION	At 1800 on SUNDAY 19th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C TT	HUMIDITY % UU	DEW POINT °C	RAIN 12-18 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI	00	8	02	2	0	0	—	16.2	23.7	81	20	0
	160	MATRÛH	00	8	30	2	0	0	—	16	24	89	22	0
	134	EL DABA												
	132	ALEXANDRIA	00	5	02	2	0	0	—	15.0	25.8	75	21	0
	150	FOUAD (Airport)	00	7	31	3	0	0	—	15.2	26	70	20	0
	159	DAMIETTA	00	7	28	2	0	0	—	13.9	24.8	76	21	0
	161	PORT SA'ID	00	7	31	4	0	0	—	14	26	74	21	0
	135	EL 'ARISH	00	9	32	3	0	0	—	13.6	24.7	87	23	0
LOWER EGYPT	136	DAMANHUR	00	7	20	2	0	0	—	14.8	23.7	79	20	0
	137	MANŞURA	00	6	32	2	0	0	—	14.6	24.2	79	20	0
	138	TANTA	00	8	00	0	0	0	—	15.0	24.0	81	20	0
	139	ZAGAZIG	00	6	24	2	0	0	—	14.3	24.3	79	20	0
		SHIBÎN EL KÔM	00	7	02	2	0	0	—	13.9	27.2	63	19	0
		ISMA'ÎLÍA	00	8	02	1	0	0	—	13.5	25.7	63	18	0
CAIRO AREA	928	FAROUK(Airport)	00	8	02	3	0	0	—	14	27	52	16	0
	141	ALMÂZA	00	7	02	3	0	0	—	13.5	29.0	46	16	0
		EZBEKÍYA	00	7	02	1	0	0	—	13.9	26.2	59	17	0
		GÎZA	00	7	02	1	0	0	—	13.4	26.6	53	16	0
	143	HELWÂN	00	7	32	4	0	0	—	13.1	28.6	40	14	0
UPPER EGYPT	153	FAIYÛM	00	8	02	1	0	0	—	12.7	26.6	45	14	0
		BENI SUEF	00	9	02	2	0	0	—	12.3	27.2	46	14	0
	162	MINYA	00	7	32	2	0	0	—	12	23	50	12	0
	155	ASYÛT	00	6	26	1	0	0	—	11.5	25.6	38	10	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	—	9.1	27.0	57	18	0
	156	QENA	00	6	24	2	0	0	—	7.9	30.0	47	17	0
	157	LUXOR	00	7	00	0	0	0	—	8	32	24	9	0
	158	ASWÂN												
OASES	148	SIWA	00	7	00	0	0	0	—	15.2	26.0	51	15	0
	149	BAHARÍYA	00	7	32	2	0	0	—	13.5	29.0			0
		FARAFRA	00	7	30	3	0	0	—	13.5	27.0	48	15	0
	152	DAKHLA	00	8	00	0	0	0	—	11.5	31.3	32	12	0
	151	KHARGA	00	7	00	0	0	0	—	10.3	30.3	22	6	0
RED SEA	144	SUEZ	00		32	3	0	0	—	12.6	27.2	41	12	0
	145	TÛR												
	163	HURGHÂDA	00	9	29	4	0	0	—	9	30	33	12	0
	147	QUSEIR	00	8	28	2	0	0	—		28.4	45	15	0
	208	PORT SÛDAN												
NORTH SÛDAN	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÛDAN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S SÛDAN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

AREA	INDEX NUMBER	STATION	At 0600 on MONDAY 20th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C Dry Bulb TT	TEMPERATURE °C MAXIMUM Yesterday TxTx	TEMPERATURE °C MAXIMUM Diff. from norm.	TEMPERATURE °C MINIMUM Today Tn Tn	TEMPERATURE °C MINIMUM Diff. from norm.	HUMIDITY % UU	DEW POINT °C	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct 1	RAINFALL mms. Norm. From Oct 1
MEDITERRANEAN	146	SIDI BARÂNI	01	9	28	2	1	5	8	15.4		24.6	28		19		74	20	0		
	160	MATRÛH	01	8	27	2	0	3	6	15		23	29		18		84	20	0		
	134	EL DABA	01	8	28	3	1	5	8	14.2		26.1			16		83	23	0	117	
	132	ALEXANDRIA	00	9	30	3	0	0	—	14.4	+0.2	25.6	30	0	23	+1	77	22	0	209	187
	150	FOUAD (Airport)	00	8	28	2	0	0	—	14.4		26	30		24		79	22	0	214	138
	159	DAMIETTA	00	8	28	1	0	0	—	13.5	+0.2	26.9	31		21		70	21	0	85	106
	161	PORT SA'ID	00	7	32	1	0	0	—	14		26	29		26		74	21	0	56	81
	135	EL 'ARISH	00	9	16	3	0	0	—	13.6	+0.3	27.1	30	+1	18	−1	63	19	0		94
LOWER EGYPT	136	DAMANHUR	00	6	24	2	0	0	—	14.4	+0.4	23.8	32	+1	20	+1	86	21	0	105	101
	137	MANŞURA	00	8	04	1	0	0	—	13.8	+0.1	26.0	35	+2	19	0	75	21	0	73	55
	138	TANTA	00	8	20	1	0	0	—	15.0	+0.9	21.0	33	0	16	−2	94	20	0	26	44
	139	ZAGAZIG	04	6	24	2	4	0	—	13.2	−0.9	21.2	33	0	18	+1	96	20	0	36	27
		SHIBÎN EL KÔM	09	5	28	2	4	1	8	14.6	+0.6	21.3	34		18		89	19	0	34	
		ISMA'ÎLÍA	02	7	26	1	2	8	8	13.1		26.2	34		21		75	21	0	21	
CAIRO AREA	928	FAROUK(Airport)	02	6	28	2	2	8	6	15		22	33		19		89	20	0		
	141	ALMÂZA	05	6	00	0	1	5	6	14.6	+0.9	22.2	33		19		88	20	0	25	
		EZBEKÍYA	02	7	02	1	2	9	6	14.2	+0.5	21.7	33	+1	20	0	93	21	0	32	26
		GÎZA	02	7	02	1	2	9	6	13.8	0.0	22.0	32	+1	18	+1	91	20	0	31	27
	143	HELWÂN	00	7	30	3	0	1	6	13.5	−0.1	23.6	33	+1	20	0	78	20	0	19	29
UPPER EGYPT	153	FAIYÛM	00	8	32	2	0	0	—	13.9	+0.1	24.3	34	+1	20	+1	75	19	0	11	8
		BENI SUEF	02	8	06	2	0	9	5	13.5		22.9	34		17		87	21	0	11	
	162	MINYA	00	7	01	4	0	1	8	13		22	33		18		83	19	0	12	
	155	ASYÛT	00	7	26	1	0	0	—	12.2	−0.3	23.7	36	+3	18	−3	48	12	0	dr.	4
	164	NAG' HAMMÂDI	00	8	00	0	0	0	—	9.9	−1.2	27.8	35		20		54	17	0	0	
	156	QENA	00	8	24	3	0	0	—	9.6	−1.4	25.4	39	+2	22	0	56	16	0	5	
	157	LUXOR	00	8	18	1	0	0	—	9		28	40		23		49	16	0	dr.	
	158	ASWÂN	00	9	02	2	0	0	—	8.8	−1.4	31.7	42	+3	26	+2	30	13	0	dr.	
OASES	148	SIWA	00	7	00	0	0	0	—	16.3	+0.7	24.4	37	+2	12	−6	64	17	0	23	8
	149	BAHARÍYA	00	8	00	0	0	0	—	14.7	+0.2	24.3	35	+2	19	+1	62	16	0	18	7
		FARAFRA	00	8	32	3	0	0	—	14.4		25.0	35		19		60	17	0		
	152	DAKHLA	00	8	32	1	0	0	—	13.2	+0.3	29.2	35	−1	23	+3	44	15	0	dr.	
	151	KHARGA	00	9	02	2	0	0	—	10.4	−1.6	28.1	37	+1	25	+4	41	14	0	0	
RED SEA	144	SUEZ	00	7	04	3	0	0	—	13.6	+1.1	24.4	35	+2	20	−1	77	20	0		17
	145	TÛR																	0	0	13
	163	HURGHÂDA	00	9	30	3	0	0	—	10		26	30		20		48	14	0	1	3
	147	QUSEIR	00	8	30	2	0	0	—	9.4	−0.8	29.4	32	0	25	0	42	15	0	0	4
	208	PORT SÛDAN																	0	292	106
NORTH SÛDAN	165	WADI HALFA																	0	tr.	
	166	KAREIMA																	0	tr.	27
	167	'ATBARA																	0	7	68
	209	KHARTÛM																	0	81	158
	170	KASSALA																	0	184	311
CENTRAL SÛDAN	171	WAD MEDANI																	0	404	381
	182	RENK																			493
	172	ROSEIRES																	7	600	791
	174	EL OBEID																	3	514	351
	175	EL FÂSHER																	7	237	306
	179	GENEINA																			553
S SÛDAN	176	MALAKÂL																	0	866	791
	177	WÂU																	0	826	1051
	178	JUBA																	2	813	928

HUMIDITY

Mean of day

STATION	on 19th	Diff. from normal
Alexandria	75	+8
Ezbekîya	64	0
Gîza	68	+1
Helwân	53	−1

GIZA
GRASS MINIMUM TEMP
ON 20th 13.4 °C

Remarks

UPPER AIR OBSERVATIONS on 19th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT — ON 19th AT 15

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C
SURFACE	1004	31	23
500	986	29	21
1000	968	28	19
1500	951	26	19
2000	934	25	18
4000	867	22	11
6000	804	16	7
8000	746	16	4
10000	690	11	1
12000	639	9	−1
14000	590	4	−1
16000	544	0	−3
18000			
20000			

FAROUK AIRPORT — RAWINSONDE — ON 20th AT 4

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		19	85	170	2
1000	370	19	85	170	2
950					
900	3340	16	45	20	20
850	4920	13		20	21
800	6590	11		20	14
700	10860	6		330	6
600	14290	0		290	16
500	19000	−9		290	14
400					
300					
250					
200					
150					
100					

STATION				Fouad A.P				Minya			
TIME				14 30				15			
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200					10	12			360	43		
500					10	15			360	59		
1000					10	20			360	40		
1500					10	16			10	40		
2000					10	9			10	36		
3000					300	11						
4000												
5000												
6000												
7000												
8000												

STATION												
TIME												
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200												
500												
1000												
1500												
2000												
3000												
4000												
5000												
6000												
7000												
8000												

UPPER AIR OBSERVATIONS on 20th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			4		4		3 30		4		9		8 15		3				5 45		5		5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			310	8	330	10	90	2	80	9	20	10	10	12	360	13			80	1	360	8	200	6
500			350	8	350	10	20	11	220	15	30	24	30	21	360	16			280	2	20	8	270	9
1000			360	7	360	11	30	15	20	17	40	21	40	23	10	30			350	5	350	5	310	10
1500			320	7	350	10	40	11	20	19	20	17	30	21	20	38			290	3	330	3	10	9
2000			260	11			40	9	10	15	40	12	30	18	20	52					330	5	60	15
3000							30	2	340	6	250	5	310	5							330	8	50	20
4000									300	13											310	14		
5000									290	14														
6000									290	13														
7000																								
8000																								

STATION	BAHARÍYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME			5		6		8																	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			30	10	20	7	340	30																
500			20	18	20	17	320	36																
1000			20	31	20	28	320	21																
1500			10	15	40	7																		
2000			20	18																				
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	KPH	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

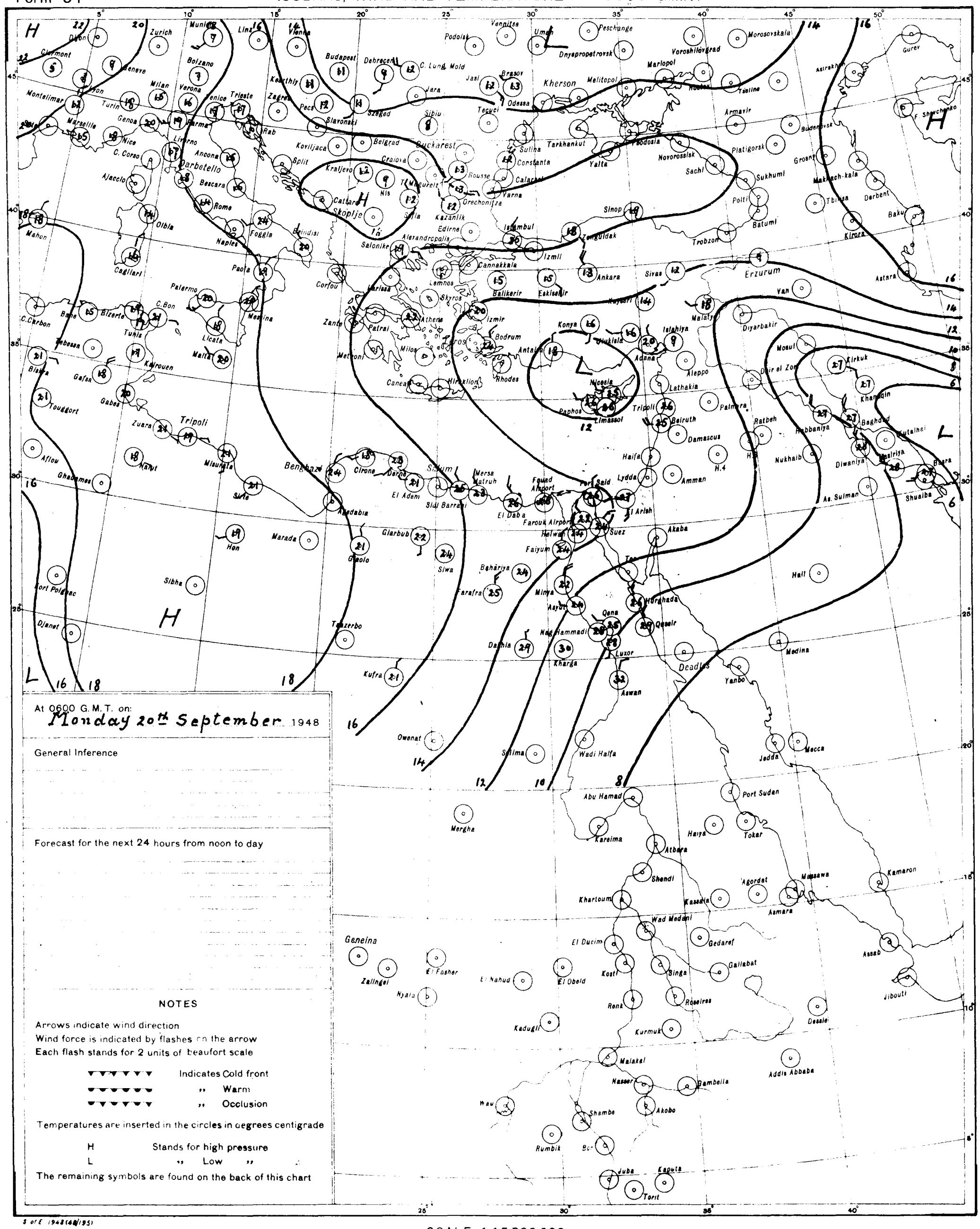
is on Scale 01-32 e.g.
08 = East, 16 = South,
24 = West, 32 = North,
00 is Calm

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
Monday 20th September 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

S of E 1948(48)/95)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 42 G.M.T.

" " Sunset 15 53 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date : TUESDAY 21st SEPTEMBER , 1948.

At 1200 on MONDAY 20th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	01	9	30	3	6	3	8	14.4	24.7	76	22	0
	160	MATRÛH	00	8	30	3	1	2	6	14	27	67	20	0
	134	EL DABA	01	8	32	3	1	5	8	13.6	27.2	87	25	0
	132	ALEXANDRIA	01	9	30	3	1	8	4	13.4	27.2	67	20	0
	150	FOUAD (Airport)	00	8	31	3	0	1	8	13.2	28	62	20	0
	159	DAMIETTA	00	8	28	3	0	0	-	12.3	27.8	61	20	0
	161	PORT SA'ID	00	8	32	3	0	0	-	12	28	62	20	0
	135	EL 'ARISH	00	9	32	3	0	0	-	11.8	27.9	66	21	0
LOWER EGYPT	136	DAMANHUR	00	7	32	3	0	0	-	12.7	30.3	43	16	0
	137	MANŞURA	01	8	04	2	1	3	8	12.0	33.5	38	18	0
	138	TANTA	00	8	28	3	0	0	-	11.9	33.0	30	13	0
	139	ZAGAZIG	00	6		3	0	0	-	11.4	33.2	47	20	0
		SHIBÎN EL KÔM	00	8	04	3	0	0	-	12.3	33.3	31	13	0
		ISMAÎLÍA	00	8	02	2	0	0	-	12.3	33.8	24	11	0
CAIRO AREA	928	FAROUK (Airport)	00	8	02	4	0	0	-	11	33	20	10	0
	141	ALMÂZA	00	8	02	2	0	0	-	10	33	28	12	0
		EZBEKÎYA	00	8	04	2	0	0	-	11.2	32.9	31	13	0
		GÎZA	00	8	04	2	0	0	-	11.2	33.0	28	12	0
	143	HELWÂN	00	8	30	3	0	0	-	10.6	32.9	21	08	0
UPPER EGYPT	153	FAIYÛM	00	8	02	3	0	0	-	11.1	32.9	23	10	0
		BENI SUEF	00	9	02	1	0	0	-	10.2	34.1	26	12	0
	162	MINYA	00	8	01	6	0	0	-	10	33	24	10	0
	155	AŞYÛT	00	8	28	1	0	0	-	8.8	33.3	20	07	0
	164	NAG' HAMMÂDI	00	8	24	1	0	0	-	6.2	34.9	18	07	0
	156	QENA	00	9	24	2	0	0	-	5.4	37.0	24	15	0
	157	LUXOR	00	8	27	1	0	0	-	6	38	13	05	0
	158	ASWÂN	00	9	32	2	0	0	-	4.4	41.0	14	08	0
OASES	148	SIWA	00	8	24	2	0	0	-	15.0	36.2	39	20	0
	149	BAHARÎYA	00	8	32	2	0	0	-	11.8	34.0	13	02	0
		FARAFRA												
	152	DAKHLA	00	9	32	4	0	0	-	9.1	34.0	26	11	0
	151	KHARGA	00	9	32	2	0	0	-	8.3	36.0	19	09	0
RED SEA	144	SUEZ	00	8	32	3	0	0	-	9.4	32.8	26	11	0
	145	TÛR	00	8	28	4	0	0	-	8.7	28.0	50	16	0
	163	HURGHÂDA	00	7	02	2	0	0	-	8	28	70	22	0
	147	QUSEIR	00	8	32	3	0	0	-	6.7	31.7	40	17	0
	208	PORT SÛDÂN	00	9	02	3	1	2	4,1	3	34	56	24	0
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA	00	8	06	1	0	6	8	1	42	10	04	0
	167	'ATBARA	00	7	10	3	0	0	-	1	42	15	10	0
	209	KHARTÛM	01	8	20	2	1	6	2	4	38	23	13	0
	170	KASSALA	01	8	16	2	1	5	8	4	37	40	21	0
CENTRAL SÛDÂN	171	WAD MEDANI	02	8	20	2				5	35	35	17	0
	182	RENK	01	9	20	2	1	7	1	6				0
	172	ROSEIRES												
	174	EL OBEID	02	8	04	2	1	9	9,2	5	34	36	17	0
	175	EL FÂSHER	22	8	20	1	8	9	8,4		31	46	18	Tr
	179	GENEINA	02	8	02	2	1	8	6					
S. SÛDÂN	176	MALAKÂL	22	8	16	4	8	7	9,4	9	27	79	23	Tr
	177	WÂU	01	8	00	0	1	7	8,4	8	33	38	17	0
	178	JUBA	02	8	30	2	1	9	8,4	10	26	74	21	0

At 1800 on 20th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	00	8	32	2	0	0	-	13.9	24.1	75	19	0
	160	MATRÛH	00	8	01	2	0	1	6	13	24	79	20	0
	134	EL DABA	00	9	32	1	0	0	-	12.7	23.6	95	23	0
	132	ALEXANDRIA	00	5	02	2	0	0	-	13.1	25.0	76	20	0
	150	FOUAD (Airport)	00	7	32	2	0	0	-	13.0	24	79	20	0
	159	DAMIETTA	00	7	28	1	0	0	-	12.7	24.0	82	21	0
	161	PORT SA'ID	00	7	32	4	0	0	-	12	26	74	21	0
	135	EL 'ARISH	00	9	02	3	0	0	-	12.3	25.8	80	22	0
LOWER EGYPT	136	DAMANHUR	00	6	28	2	0	0	-	13.2	24.0	79	20	0
	137	MANŞURA	00	6	04	2	1	0	-	13.2	24.2	74	19	0
	138	TANTA	01	8	00	0	1	5	8	13.9	23.8	81	20	0
	139	ZAGAZIG	00	6	24	2	0	0	-	13.5	23.5	79	20	0
		SHIBÎN EL KÔM	00	7	04	2	0	0	-	13.4	24.1	63	18	0
		ISMAÎLÍA	00	6	02	2	0	0	-	12.2	24.0	62	18	0
CAIRO AREA	928	FAROUK (Airport)	00	7	02	4	0	0	-	12	26	52	16	0
	141	ALMÂZA	00	7	04	2	0	0	-	12.2	27	55	17	0
		EZBEKÎYA	00	7	00	0	0	0	-	12.7	25.3	60	17	0
		GÎZA	00	7	00	0	0	0	-	12.4	24.1	56	14	0
	143	HELWÂN	00	7	32	4	0	0	-	12.3	24.8	48	15	0
UPPER EGYPT	153	FAIYÛM	00	8	02	2	0	0	-	10.7	24.7	47	15	0
		BENI SUEF	00	9	02	1	0	0	-	10.0	29.2	36	12	0
	162	MINYA	00	7	32	2	0	0	-	10	23	50	12	0
	155	AŞYÛT	00	6	26	1	0	0	-	9.1	28.3	32	09	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	6.4	26.2	66	16	0
	156	QENA	00	8	24	2	0	0	-	6.2	30.0	40	15	0
	157	LUXOR	00	8	00	0	0	0	-	7	32	20	06	0
	158	ASWÂN	00	9	30	2	0	0	-	6.6	38.0	20	11	0
OASES	148	SIWA	00	7	00	0	0	0	-	12.2	27.4	60	18	0
	149	BAHARÎYA	00	7	32	1	0	0	-	12.2	27.5	30	09	0
		FARAFRA	00	7	28	3	0	0	-	11.9	27.8	47	18	0
	152	DAKHLA	00	8	28	1	0	0	-	9.9	30.2	37	14	0
	151	KHARGA	00	9	32	1	0	0	-	8.7	30.2	22	06	0
RED SEA	144	SUEZ	00		32	3	0	0	-	10.0	27.8	46	15	0
	145	TÛR	00	8	28	3	0	0	-	7.9	28.5	45	15	0
	163	HURGHÂDA	00	7	30	2	0	0	-	7	30	38	14	0
	147	QUSEIR	00	8	30	2	0	0	-	7.3	28.6	31	10	0
	208	PORT SÛDÂN												
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÛDÂN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S. SÛDÂN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 0600 on TUESDAY 21st

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. MAXIMUM Yesterday	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct 1	RAINFALL mms. Norm. From Oct 1
			ww	V	DD	F	W		C	PPP		TT	T_xT_x		T_nT_n		UU				
MEDITERRANEAN	146	SIDI BARÂNI	01	9	22	3	0	3	8	13.4		25.1	27		19		68	19	0		
	160	MATRÛH	00	8	27	1	0	2	6	13		24	28		19		80	20	0		
	134	EL DABA	01	7	29	3	1	5	8	12.6		26.6	29		18		80	23	0	117	
	132	ALEXANDRIA	01	9	32	2	1	5	8	13.2	-1.1	25.2	29	-1	23	-1	75	20	0	209	187
	150	FOUAD (Airport)	01	7	28	3	0	5	8	13.1		26	29				70	20	0	214	138
	159	DAMIETTA	01	6	20	2	1	3	9	12.4	-1.1	24.4	29		18		84	21	0	85	106
	161	PORT SA'ID	01	7	29	2	0	3	6	12		26	29		24		70	20	0	56	81
	135	EL 'ARISH	01	9	22	3	1	3	8	12.6	-0.8	27.4	30	+1	19	0	70	21	0		94
LOWER EGYPT	136	DAMANHUR	00	6	28	2	0	0	-	13.5	-0.7	23.9	31	0	19	0	87	21	0	105	101
	137	MANŞURA	00	8	04	1	0	0	-	13.0	-0.8	26.0	34	+1	18	-1	76	21	0	73	55
	138	TANTA	01	8	00	0	1	5	8	13.9	-0.3	22.0	34	+2	16	-1	94	21	0	24	44
	139	ZAGAZIG	01	6	24	2	1	3	8	12.2	-2.0	23.8	34	+2	17	0	96	22	0	36	27
		SHIBÎN EL KÔM	00	7	30	2	0	0	-	12.9	-1.2	22.8	35		18		81	19	0	34	
		ISMAÎLÍA	03	6	00	0	2	10	5	12.8		22.7	34		20		87	21	0	21	
CAIRO AREA	928	FAROUK (Airport)	05	6	04	2	2	10	6	13		21	34		18		91	19	0		
	141	ALMÂZA	47	3	03	1	4	10	6	12.8	-1.0	21.0	34		18		91	19	0	25	
		EZBEKÎYA	48	3	02	1	4	Fog	-	13.4	-0.4	21.1	34	+2	20	0	92	20	0	32	26
		GÎZA	48	3	02	1	4	Fog	-	13.4	-0.5	21.7	33	+2	17	0	90	20	0	31	27
	143	HELWÂN	05	6	28	1	0	0	-	12.6	-1.1	23.0	34	+2	18	-2	86	16	0	19	29
UPPER EGYPT	153	FAIYÛM	00	8	30	1	0	0	-	12.6	-1.3	24.0	34	+1	18	-1	74	19	0	11	8
		BENI SUEF	00	9	30	1	0	0	-	12.3		24.2	35		16		72	19	0	11	
	162	MINYA	00	7	31	2	0	0	-	12		22	34		16		78	18	0	12	
	155	AŞYÛT	00	7	22	1	0	0	-	12.0	-0.6	24.8	35	+2	18	-2	55	15	0	tr	4
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	9.6	-1.6	31.8	35		22		30	13	0	0	
	156	QENA	00	8	24	2	0	0	-	9.6	-1.5	25.3	38	+1	22	+1	59	16	0	5	
	157	LUXOR	00	8	00	0	0	0	-	9		30	40		23		38	14	0	tr	
	158	ASWÂN	00	9	30	2	0	0	-	9.0	-1.3	30.0	42	+3	25	+1	30	11	0	tr	
OASES	148	SIWA	00	7	23	1	0	0	-	14.2	-1.5	23.2	37	+2	19	+2	80	19	0	23	8
	149	BAHARÎYA	00	8	32	2	0	0	-	13.5	-1.1	22.5	35	+2	17	-1	83	15	0	18	7
		FARAFRA	00	8	20	2	0	0	-	13.8		23.2	35		17		58	14	0	-	
	152	DAKHLA	00	8	26	1	0	0	-	12.0	-0.9	25.0	35	-1	21	+1	61	17	0	tr	
	151	KHARGA	00	9	02	4	0	0	-	10.3	-1.8	27.2	37	+1	25	+4	30	08	0	0	
RED SEA	144	SUEZ	00	7	32	3	0	0	-	12.3	-0.3	24.0	35	+2	20	-1	83	21	0	-	17
	145	TÛR	00	8	23	1	0	0	-	9.6	-0.7	28.5	32	+1	22	0	58	19	0	0	13
	163	HURGHÂDA	00	9	30	2	0	0	-	10		27	30		20		55	17	0	1	3
	147	QUSEIR	00	8	32	3	0	0	-	9.1	-1.2	28.9	33	+1	24	-1	41	14	0	0	4
	208	PORT SUDAN																	0	292	106
NORTH SÛDÂN	165	WADI HALFA																	0	4	
	166	KAREIMA																	0	4	27
	167	'ATBARA																	0	7	68
	209	KHARTÛM																	0	31	159
	170	KASSALA																	0	184	313
CENTRAL SÛDÂN	171	WAD MEDANI																	0	404	383
	182	RENK																			496
	172	ROSEIRES																	0	600	793
	174	EL OBEID																	0	514	353
	175	EL FÂSHER																	Tr	237	307
	179	GENEINA																	0		545
S. SÛDÂN	176	MALAKÂL																	Tr	811	795
	177	WÂU																	0	826	1056
	178	JUBA																	0	813	931

HUMIDITY

Mean % of day

STATION	on 20 14	Diff. from normal
Alexandria	75	+8
Ezbekîya	70	+6
Gîza	68	+1
Helwân	59	+5

GIZA

GRASS MINIMUM TEMP

ON 21 st 13.1 °C

Remarks

UPPER AIR OBSERVATIONS on 20 14

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT

ON 20 14 At 14 30

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C	WIND DD	WIND VV
SURFACE	1002	31	24		
500	984	30	19		
1000	966	29	18		
1500	949	28	18		
2000	932	26	17		
4000	865	20	14		
6000	803	16	7		
8000	744	14	2		
10000	689	12	1		
12000	637	9	-2		
14000	589	4	-4		
16000	543	-1	-6		
18000					
20000					

FAROUK AIRPORT RAWINSONDE

ON 21 st At 03

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE					
1000					
950	340	18	95	360	00
900					
850	3310	20	-	340	11
800	4900	16	-	330	17
700	10230	11	-	310	20
600	14380	4	-	260	18
400					
800					
250					
200					
150					
100					

STATION	MATRÛH		FOUAD A.P.		P. SAÎD		MINYA	
TIME	14		14	30	14		15	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV
200	360	20	290	11	320	16	360	38
500	360	20	310	13	330	11	360	42
1000	310	14	320	12	340	8	360	33
1500	290	10	340	10	350	15	40	17
2000	230	16	340	9			30	31
3000	260	17	250	16				
4000	250	17						
5000								
6000								
7000								
8000								

STATION												
TIME												
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200												
500												
1000												
1500												
2000												
3000												
4000												
5000												
6000												
7000												
8000												

UPPER AIR OBSERVATIONS on 21 st

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÎD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			4				3	30					7	45	3	30			5	45	5		5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			310	3			310	7					360	8	30	14			350	4	350	10	90	13
500			330	8			330	9					20	7	40	28			340	6	20	3	70	14
1000			320	13			290	11					30	10	30	22			340	11	120	3	70	6
1500			320	14			300	10					10	14	360	23			140	3	230	3	330	10
2000			310	16									330	20	360	27					290	5	30	10
3000													240	9									310	11
4000													230	13									280	14
5000													250	21									290	16
6000																								
7000																								
8000																								

STATION	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME			5		4	15	8																	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			10	3			160	40																
500			30	10	210	17	160	10																
1000			20	20			160	3																
1500			350	21	360	24	180	3																
2000			350	16	360	29	120	3																
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

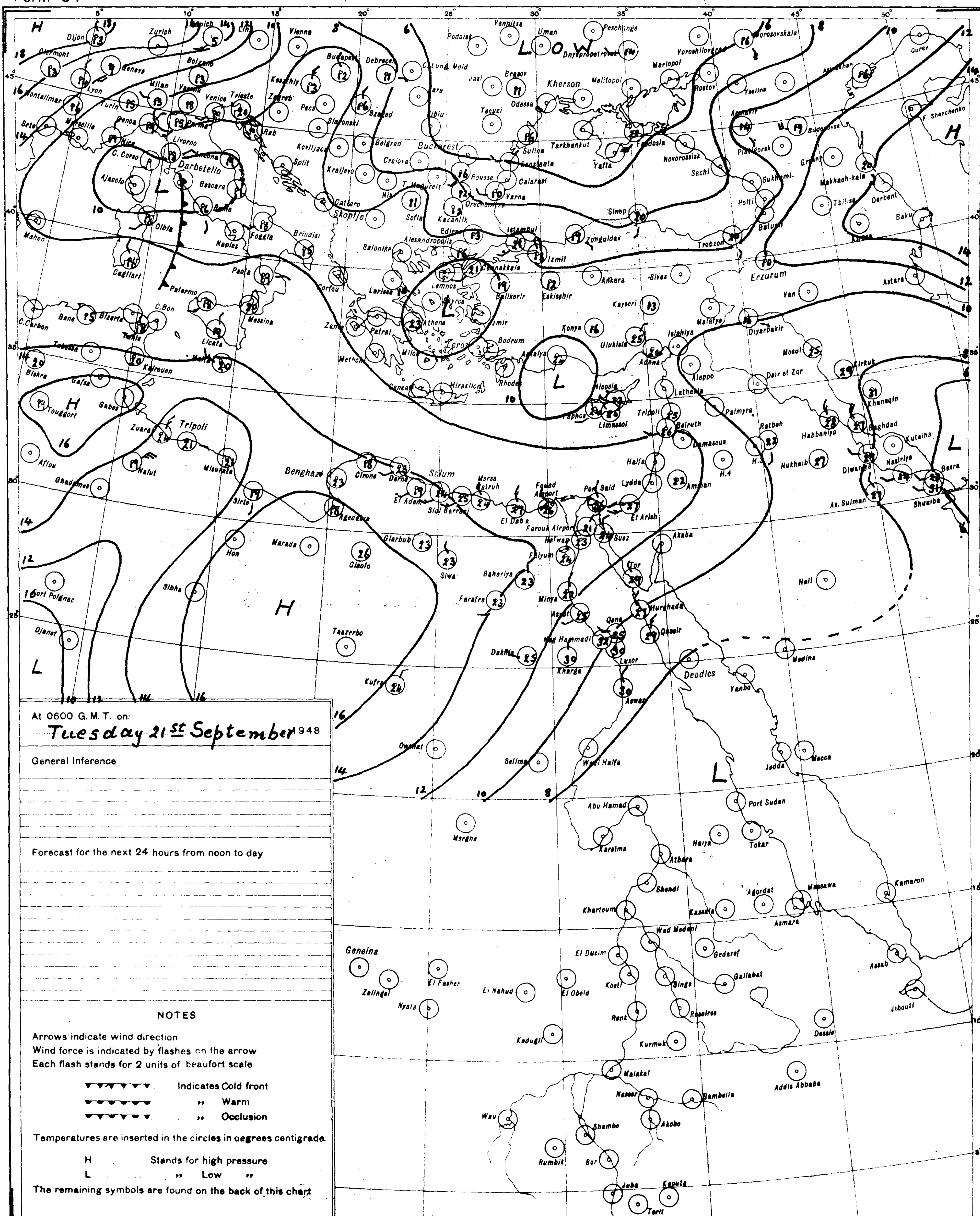
	K P H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:

Tuesday 21st September 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

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

Temperatures are inserted in the circles in degrees centigrade.

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

The remaining symbols are found on the back of this chart

S WE 1948(48/195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 43 G.M.T.
" " Sunset 15 52 G.M.T.

MINISTRY OF NATIONAL DEFENCE METEOROLOGICAL DEPARTMENT, EGYPT

Form 91

DAILY WEATHER REPORT

Date: WEDNESDAY 22ND SEPTEMBER, 1948.

At 1200 on TUESDAY 21st

Station	Present weather ww	Visibility V	Wind direction DD	Wind force F	Past weather W	Cloud amount 0-10	Cloud form C	Bar. press. M.S.L. PPP	Temp. °C TT	Humidity % UU	Dew point °C	Rain 6-12 G.M.T. mms
SIDI BARRANI	00	6	28	4	0	0	–	13.0	26.6	62	19	0
MATRUH	01	8	30	5	1	3	6	13	28	62	20	0
EL DABA	01	8	30	3	1	5	8	12.3	27.4	80	23	0
ALEXANDRIA	01	9	26	3	2	5	8	12.3	27.6	62	19	0
FOUAD (Airport)	01	8	26	3	0	5	8	12.4	28	62	20	0
DAMIETTA	00	8	28	2	1	1	8	11.8	27.0	61	19	0
PORT SAID	00	8	01	3	0	1	8	12	27	66	20	0
EL ARISH	00	9	32	4	0	0	–	11.5	27.6	65	21	0
DAMANHUR	01	7	32	3	0	3	8	12.7	29.0	54	19	0
MANSURA	01	8	28	2	1	5	8	11.5	30.4	48	18	0
TANTA	01	8	28	2	1	5	8	12.4	32.0	43	18	0
ZAGAZIG	01	6	24	2	1	5	8	11.9	30.1	59	21	0
SHIBIN EL KOM	01	8	02	3	1	5	8	11.8	31.3	44	17	0
ISMAILIA	01	7	28	1	1	5	6	10.4	31.7	45	19	0
[illegible] (Airport)	01	8	26	4	1	3	6	11	31	46	18	0
	00	8	30	3	0	2	8	10.8	31.0	42	17	0
	00	8	02	2	0	1	8	11.0	30.9	42	16	0
	00	8	02	2	0	1	8	11.2	31.2	36	14	0
	00	8	28	4	0	2	6	10.6	31.0	33	13	0
FAYOUM	01	8	30	1	1	3	8	10.4	32.0	33	14	0
BENI SUEF	00	9	24	2	0	0	–	10.3	34.4	31	14	0
MINYA	00	8	01	4	0	0	–	10	33	24	10	0
[illegible]												
NAG HAMMADI	00	8	00	0	0	0	–	7.5	34.5	25	11	0
QENA	00	9	24	2	0	0	–	6.6	38.2	27	16	0
LUXOR	00	8	22	1	0	0	–	6	38	15	7	0
ASWAN	00	9	30	3	0	0	–	5.6	40.0	14	8	0
SIWA	00	8	24	2	0	0	–	13.2	33.1	56	23	0
	00	8	32	1	0	0	–	11.2	32.8	24	10	0
	00	9	00	0	0	0	–	8.7	33.0	28	12	0
	00	9	02	2	0	0	–	7.5	35.0	24	11	0
	01	8	32	2	'	5	8	9.8	31.4	30	11	0
	00	8	28	4	0	0	–	7.8	29.0	53	18	0
	00	9	02	3	0	0	–	7	28	66	21	0
	00	8	02	3	0	0	–	6.9	30.6	50	19	0
	01	8	08	4	1	3	8,4	4	38	38	21	
	00		18			0	–	2	41	19	13	
	31	4	20	4	3	9	–	5	39	26	16	
	00	8	18	2	0	1	8	4	39	21	13	
	00	8	22	1	0	0	–	5	36	33	17	
	01	9	12	3	1	5	1	6	37	42	22	
	01	8	20	2	2	3	5	7	31	59	22	
	00	8	10	3	1	5	4	5	32			
	02	8	12	2	1	8	8,4	6	32	52	21	
	02	8	00	0	1	9	6,2	6	37	56	27	

At 1800 on TUESDAY 21st

Station	ww	V	DD	F	W	Cloud amount 0-10	Cloud form C	Bar. press. M.S.L. PPP	Temp. TT	Humidity UU	Dew point	Rain
SIDI BARRANI	00	8	30	2	0	1	9	13.5	23.2	72	18	0
MATRUH	01	7	31	4	0	5	6	13	24	74	19	0
EL DABA	00	9	28	3	0	0	–	12.0	24.0	90	22	0
ALEXANDRIA	01	5	04	2	2	5	4	13.1	24.6	76	20	0
FOUAD (Airport)	00	7	32	3	0	0	–	12.4	24	79	20	0
DAMIETTA	01	7	28	1	1	3	8	12.3	23.4	77	19	0
PORT SAID	00	7	31	3	0	6	6	12	25	65	18	0
EL ARISH	00	9	32	3	0	0	–	12.0	25.3	69	19	0
DAMANHUR	00	6	28	2	0	0	–	11.9	23.3	79	19	0
MANSURA	00	6	32	2	0	0	–	12.7	23.8	75	19	0
TANTA	01	8	28	1	1	5	8	13.1	23.9	80	20	0
ZAGAZIG	00	6	32	2	0	0	–	12.0	23.0	83	20	0
SHIBIN EL KOM	00	7	02	2	0	0	–	12.3	25.3	69	19	0
ISMAILIA	00	7	02	2	0	0	–	12.0	25.8	69	20	0
[illegible] (Airport)	01	8	02	4	1	5	6	12	27	58	18	0
	01	7	02	4	1	5	6	11.7	27.4	59	19	0
	01	7	32	1	2	5	8	12.4	25.4	65	18	0
	01	7	32	1	2	5	8	12.3	26.1	59	17	0
	00	7	32	5	0	2	6	12.0	26.6	52	16	0
FAYOUM	00	8	02	1	0	0	–	10.3	26.7	56	17	0
BENI SUEF	00	9	02	1	0	0	–	10.3	27.1	57	18	0
MINYA	00	7	02	2	0	0	–	11	25	58	16	0
[illegible]	00	6	26	1	0	0	–	10.7	28.2	38	12	0
NAG HAMMADI	00	8	00	0	0	0	–	7.9	32.8	25	10	0
QENA	00	6	24	2	0	0	–	7.1	28.4	49	16	0
LUXOR	00	7	26	1	0	0	–	7	31	31	12	0
ASWAN	00	9	32	1	0	0	–	7.1	37.0	14	6	0
SIWA	00	6	00	0	0	0	–	13.5	27.2	61	19	0
	00	7	00	0	0	0	–	11.8	27.5	38	12	0
	00	7	28	3	0	0	–	11.4	26.0	55	16	0
	00	8	00	0	0	0	–	11.2	30.9	33	13	0
	00	9	32	1	0	0	–	10.3	29.3	21	5	0
	00		04	4	0	0	–	11.9	26.4	65	19	0
	00	8	28	3	0	0	–	7.8	28.6	56	19	0
	00	8	29	3	0	0	–	8	28	55	18	0
	00	8	28	2	0	0	–	7.8	27.7	53	17	0

At 0600 on WEDNESDAY 22nd

Station	ww	V	DD	F	W	Cloud amount 0-10	Cloud form C	Bar. pressure M.S.L. PPP	Diff from normal	Dry bulb TT	Max. yesterday	Diff from norm	Min. today	Diff from norm	Humidity UU	Dew point	Rain past 24 hrs	Total from Oct 1	Norm from Oct 1
SIDI BARRANI	00	9	18	2	0	0	–	14.6		23.0	27		18		74	18	0		
MATRUH	00	8	29	1	0	0	–	14		22	28		18		78	18	0		161
EL DABA	01	7	24	2	1	5	8	13.6		24.6	28		20		84	22	0	117	
ALEXANDRIA	01	9	04	1	2	5	8	13.8	-0.6	24.8	29	-1	22	0	60	17	0	209	187
FOUAD (Airport)	00	7	02	2	0	7	6	13.9		26	29				58	17	0	214	138
DAMIETTA	01	8	17	1	1	5	8	13.4	-0.2	24.8	29		18		73	20	0	85	106
PORT SAID	00	7	30	2	0	1	6	14		26	29		24		62	18	0	56	81
EL ARISH	01	9	16	3	1	5	8	13.0	-0.5	25.8	29	0	20	+1	68	20	0		94
DAMANHUR	00	6	04	2	0	0	–	13.6	-0.7	24.4	31	0	19	0	66	17	0	105	101
MANSURA	01	7	18	1	1	5	6	13.8	-0.2	24.0	32	0	19	0	79	20	0	73	55
TANTA	01	8	28	1	1	3	8	14.6	+0.3	22.0	32	0	16	-1	57	13	0	26	44
ZAGAZIG	01	6	16	2	0	3	8	14.1	-0.2	26.0	35	+3	18	+1	80	22	0	36	27
SHIBIN EL KOM	01	7	30	2	1	5	8	13.0	-1.2	22.4	33		18		82	19	0	34	
ISMAILIA	00	6	26	1	0	3	4	13.4		25.1	33		20		68	19	0	21	
[illegible] (Airport)	00	7	04	1	0	0	–	13		22	34		20		78	18	0		
	00	7	02	1	0	0	–	13.4	-0.5	23.7	32		20		74	18	0	25	
	00	7	30	1	0	0	–	13.9	0.0	23.0	33	+1	20	0	76	18	0	32	26
	00	7	30	1	0	0	–	13.8	-0.2	24.0	33	+2	18	+1	75	19	0	31	27
	00	7	32	2	0	0	–	13.2	-0.6	23.0	31	-1	20	0	73	18	0	19	29
FAYOUM	00	8	30	1	0	0	–	13.8	-0.2	24.0	33	0	19	0	74	19	0	11	8
BENI SUEF	00	9	30	1	0	0	–	13.2		25.4	35		18		71	19	0	11	
MINYA	00	7	32	3	0	0	–	13		24	33		17		69	18	0	12	
[illegible]	00	7	20	1	0	0	–	12.8	+0.1	25.2	34	+1	20	0	60	17	0	dr.	4
NAG HAMMADI	00	8	00	0	0	0	–	10.8	-0.5	28.3	36		20		57	19	0	0	
QENA	00	8	24	2	0	0	–	10.8	-0.5	26.8	39	+2	21	0	61	19	0	5	
LUXOR	00	8	31	2	0	0	–	11		28	39		21		49	16	0	dr.	
ASWAN	00	9	32	3	0	0	–	10.6	+0.2	29.0	41	+2	25	+1	46	16	0	dr.	
SIWA	00	7	00	0	0	0	–	15.2	-0.6	25.	34	-1	17	0	74	20	0	23	8
	00	8	00	0	0	0	–			24.8	35	+2	18	0	71	19	0	18	7
	00	8	02	2	0	0	–	14.3		25.7	35		19		74	20	0		
	00	8	00	0	0	0	–	12.9	-0.1	25.0	35	-1	18	-2	54	15	0	dr.	
	00	9	02	3	0	0	–	11.6	-0.6	27.0	36	0	22	+1	43	13	0	0	
	00	7	32	1	0	0	–	13.4	+0.7	24.4	33	0	20	-1	75	19	0		17
	00	8	28	4	0	0	–	9.9	-0.5	28.8	31	0	22	0	57	20	0	0	13
	00	9	29	5	0	0	–	10		27	29		21		55	17	0	1	3
	00	8	32	5	0	0	–	9.4	-1.0	28.4	32	0	24	-1	55	18	0	0	4
																	0	292	106
																	0	tr.	
																	0	tr.	27
																	3	10	68
																	0	81	160
																	0	184	314
																	0	404	385
																			499
																	0	600	795
																	0	514	355
																	0	237	307
																			557
																	0	866	799
																	4	830	1061
																	0	813	935

PRESENT WEATHER (ww)
Clear 00
Partly cloudy 01
Cloudy 02
Overcast 03
Low fog 04
Thin haze 05
Dust devil 06
Distant lightning 07
Light mist or haze [illegible]

21st
71 +4
72 +8
69 +2
55 +1

22nd 13.6

21st	15	
1004	30	24
986	29	21
968	26	19
951	25	19
934	23	18
867	18	14
804	12	10
746	12	4
690	11	2
639	9	-1
590	4	-2
544	0	-3

22nd		4		
	20	84	50	5
380	20	85	50	5
3350	17	65	360	15
4950	15	45	320	23
6630	17	15	320	23
10340	13		280	9
14510	5		250	14
19300	-5		250	25
	-17			
31800	-30		240	39

21st

Fouad A.P. 14 30	P. Said 14 30	Minya 15
330 21	340 11	10 50
290 14	310 15	10 40
300 16	280 16	10 36
290 20	80 20	10 33
	280 9	350 36
	60 21	

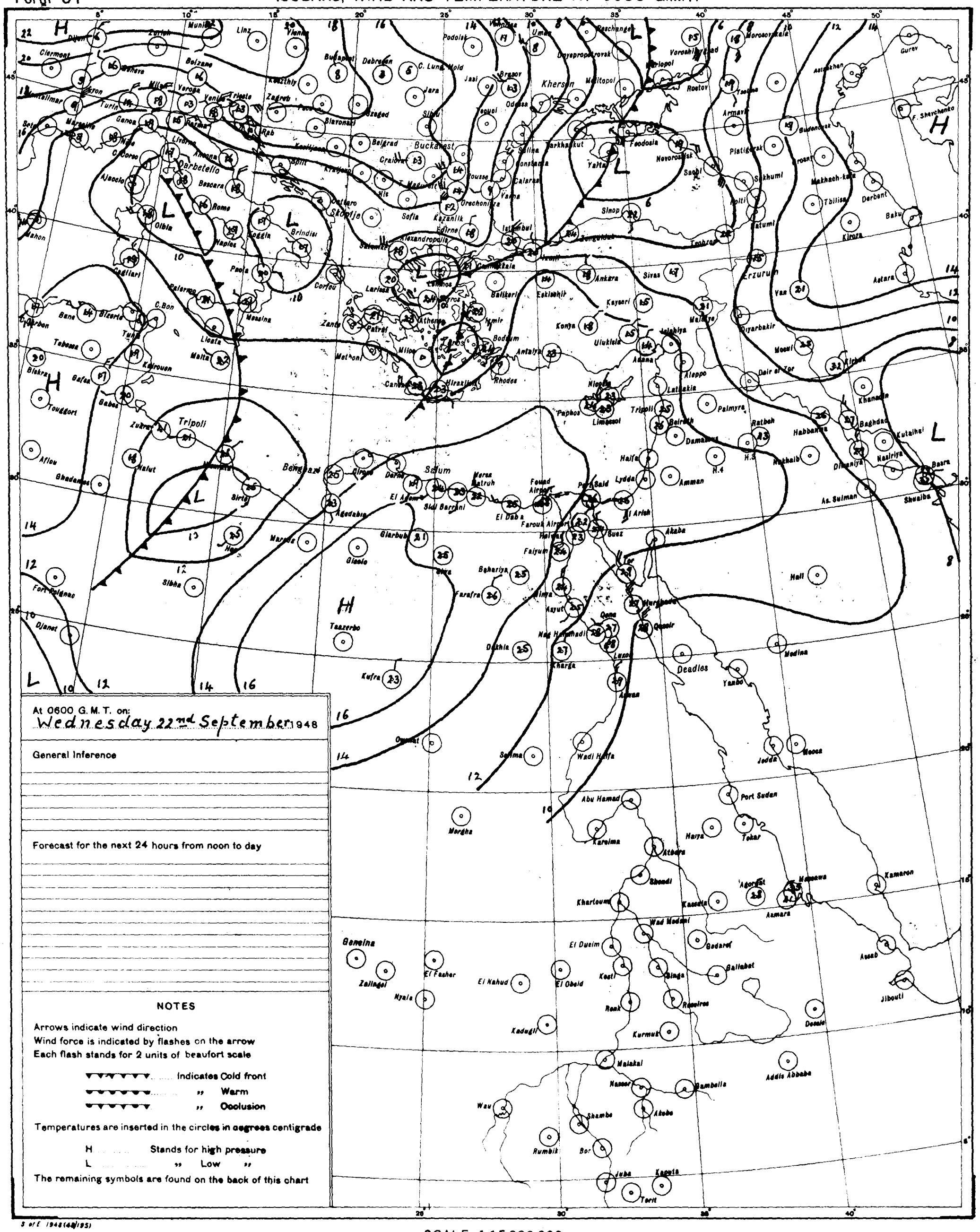
22nd

4 15	4	4	8 30	6 45	3	6 45	5	5
300 6	290 8	40 6	340 10	340 19	30 17	350 8	360 8	150 14
360 5	20 5	20 10	350 6	360 16	30 36	360 18	360 16	140 9
340 8	30 9	360 12	10 8	20 16	10 26	350 23	360 16	290 6
	340 6	320 20	330 12	350 16	20 31	340 18	290 30	320 15
	330 10	320 19	320 12	360 16			270 22	10 30
	280 9	270 8						360 32
		240 11						
		260 20						
		230 26						

6	8
20 19	330 35
30 21	320 28
20 23	320 30
360 19	290 12
310 11	

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G. M. T. on:
Wednesday 22nd September 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

..... Indicates Cold front
..... ,, Warm
..... ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

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

The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

OAIRO
Time of Sunrise 03 44 G.M.T.
" " Sunset 15 51 G.M.T.

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

Form 91

DAILY WEATHER REPORT

Date : THURSDAY 23 rd SEPTEMBER , 1948.

At 1200 on WEDNESDAY 22nd

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	00	9	02	4	0	0	-	14.8	26.6	57	18	0
	160	MATRÛH	00	8	29	3	0	0	-	15	27	62	19	0
	134	EL DABA	01	8	26	3	1	5	8		27.2	73	22	0
	132	ALEXANDRIA	01	9	28	3	2	5	8	14.8	27.4	50	16	0
	150	FOUAD (Airport)	01	7	30	4	1	3	8	15.6	27	52	16	0
	159	DAMIETTA	00	8	32	3	1	0	-	13.5	26.1	54	16	0
	161	PORT SAÏD	00	8	32	4	0	1	8	14	27	52	16	0
	135	EL ÂRISH	02	9	30	3	2	8	8	12.8	27.5	71	22	0
LOWER EGYPT	136	DAMANHUR	01	7	32	3	0	3	8	15.1	28.0	49	16	0
	137	MANŞURA	01	8	32	2	1	5	6	13.6	29.8	39	15	0
	138	TANTA	01	6	28	2	1	3	8	14.2	30.6	39	15	0
	139	ZAGAZIG	01	6	32	2	0	5	8	12.7	33.2	47	20	0
		SHIBÎN EL KÔM												
		ISMAÏLÍA	01	7	02	2	1	5	6	12.8	30.0	37	14	0
CAIRO AREA	928	FAROUK(Airport)	01	8	32	4	1	3	6	13	30	48	19	0
	141	ALMÂZA	01	8	30	2	1	3	8	13	29	53	18	0
		EZBEKÍYA	01	8	30	2	1	5	8	13.2	29.9	41	15	0
		GÎZA	01	8	30	2	1	5	8	13.4	29.6	39	14	0
	143	HELWÂN	00	8	28	5	0	6	8	12.3	29.0	40	14	0
UPPER EGYPT	153	FAIYÛM	00	8	30	3	0	0	-	12.3	30.3	36	13	0
		BENI SUEF	00	9	02	1	0	0	-	12.2	31.8	34	14	0
	162	MINYA	00	8	02	N	0	0	-	12	31	38	15	0
	155	ASYÛT	00	9	28	2	0	0	-	11.2	31.1	30	12	0
	164	NAG' HAMMÂDI	00	8	28	2	0	0	-	8.9	34.4	32	15	0
	156	QENA	00	9	24	2	0	0	-	7.8	37.0	23	13	0
	157	LUXOR	00	8	29	3	0	0	-	8	36	19	09	0
	158	ASWÂN	00	9	30	3	0	0	-	7.9	36.2	24	12	0
OASES	148	SIWA	00	8	28	2	0	0	-	14.8	36.4	44	22	0
	149	BAHARÎYA	00	8	32	2	0	0	-	14.3	36.4	33	12	0
		FARAFRA	00	8	32	3	0	0	-	13.1	38.6	47	21	0
	152	DAKHLA	00	9	28	2	0	0	-	12.6	32.8	30	13	0
	151	KHARGA	00	9	32	3	0	0	-	9.8	34.0	22	09	0
RED SEA	144	SUEZ	00	8	32	2	0	0	-	11.0	29.7	42	16	0
	145	TÛR	00	8	28	N	0	0	-	8.8	29.2	53	18	0
	163	HURGHÂDA	00	9	32	N	0	0	-	8	29	59	20	0
	147	QUSEIR	00	8	32	N	0	0	-	8.1	30.4	58	21	0
	208	PORT SÛDÂN												
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA												
	167	ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÛDÂN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S SÛDÂN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 1800 on 22 nd

INDEX NUMBER	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
	ww	V	DD	F	W		C	PPP	TT	UU		
146	00	8	10	2	0	0	-	15.4	23.3	73	18	0
160	00	7	30	1	0	0	-	15	23	73	18	0
134												
132	01	5	04	1	2	3	4	15.4	24.6	71	19	0
150	00	7	32	1	1	1	6	15.0	24	69	18	0
159	00	7	28	1	1	1	8	14.6	23.0	74	18	0
161	00	7	01	3	0	1	6	14	25	41	17	0
135	00	9	32	3	0	2	8	13.6	24.9	83	22	0
136	00	7	32	2	0	0	-	15.8	22.5	74	17	0
137	00	8	04	1	1	0	-	15.1	23.0	73	18	0
138	01	8	00	0	1	5	8	15.5	23.0	74	18	0
139	00	6	35	2	0	0	-	13.1	25.0	74	20	0
	00	7	02	2	0	0	-	14.2	24.6	71	19	0
	00	7	32	1	0	0	-	14.2	24.1	62	16	0
928	00	7	02	4	0	0	-	13	25	70	19	0
141	00	7	06	3	0	0	-	13.5	27.0	55	17	0
	00	7	02	2	0	0	-	14.6	23.4	61	15	0
	00	7	02	2	0	0	-	14.3	24.2	56	15	0
143	00	7	32	5	0	0	-	14.0	24.9	49	14	0
153	00	8	02	2	0	0	-	13.0	25.7	50	15	0
	00	9	02	1	0	0	-	11.8	26.7	57	18	0
162	00	7	32	2	0	0	-	12	23	57	14	0
155	00	6	28	2	0	0	-	12.1	27.3	42	13	0
164	00	8	28	1	0	0	-	10.3	24.0	55	16	0
156	00	6	24	2	0	0	-	9.5	30.0	32	11	0
157	00	7	28	2	0	0	-	9	30	33	12	0
158	00	9	32	1	0	0	-	8.6	34.0	25	11	0
148	00	7	00	0	0	0	-	14.3	29.8	48	18	0
149	00	7	32	2	0	0	-	14.0	27.5	43	14	0
	00	7	32	2	0	0	-	13.9	26.5	59	17	0
152	00	8	28	2	0	0	-	13.2	30.3	35	13	0
151	00	7	32	1	0	0	-	10.8	28.4	29	08	0
144	00		32	3	0	0	-	13.2	24.9	60	17	0
145	00	8	28	1	0	0	-	8.6	29.5	53	18	0
163	00	8	30	5	0	0	-	9	28	58	19	0
147	00	8	30	3	0	0	-	8.4	27.6	55	18	0
208												
165												
166												
167												
209												
170												
171												
182												
172												
174												
175												
179												
176												
177												
178												

At 0600 on THURSDAY 23 rd

INDEX NUMBER	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. MAXIMUM Yesterday	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
	ww	V	DD	F	W		C	PPP		TT	TxTx		TnTn		UU				
146	08	9	18	2	0	6	8	15.5		27.0	27		18		42	13	0		
160	00	8	28	1	0	0	-	15		24	28		17		70	18	0		
134	00	8	04	2	0	0	-	14.4		27.2	28		17		75	22	0	1.17	
132	01	9	04	2	2	5	8	14.7	+0.2	25.2	28	-2	22	-1	66	18	0	209	187
150	00	7	32	1	0	2	8	14.8		26	29		19		66	19	0	214	138
159	01	8	28	2	1	5	8	14.3	+0.6	25.1	27		19		61	17	0	85	106
161	00	7	01	3	0	2	8	14		26	27		24		53	16	0	56	81
135	01	9	08	3	1	5	8	13.8	+0.2	26.6	28	-1	20	+1	53	16	0		94
136	00	7	08	3	0	0	-	15.2	+0.8	24.8	29	-2	19	0	73	19	0	105	101
137	00	8	02	2	0	0	-	14.6	+0.5	25.0	31	-1	20	+1	68	19	0	73	55
138	00	8	28	1	1	0	-	15.5	+1.1	22.0	31	-1	16	-1	86	19	0	26	44
139	00	6	32	2	0	0	-	14.0	-0.4	25.0	33	+1	19	+2	78	21	0	36	27
	00	7	02	2	0	1	8	14.3	0.0	25.2	32		18		67	19	0	34	
	00	7	02	1	0	0	-	13.9		25.3	31		19		64	18	0	24	
928	00	7	04	3	0	0	-	13		23			18		60	16			
141	00	7	04	2	0	0	-	14.0	0.0	22.9	30		18		69	16		25	
	00	7	30	1	0	0	-	14.4	+0.4	22.2	31	-1	18	-1	74	17	0	32	24
	00	7	30	1	0	0	-	14.2	+0.1	23.8	30	-1	15	-2	67	18	0	31	27
143	00	7	32	N	0	0	-	13.9	0.0	23.4	30	-2	19	-1	62	16	0	19	29
153	00	8	32	3	0	0	-	14.0	-0.2	23.8	31	-2	18	-1	64	17	0	11	8
	00	9	01	2	0	0	-	13.2		24.6	32		17		68	19	0	11	
162	00	7	01	N	0	0	-	13		22	31		17		74	17	0	12	
155	00	7	22	2	0	0	-	12.6	-0.2	21.7	32	-1	19	-1	60	14	0	04	4
164	00	8	28	1	0	0	-	9.8	-1.6	25.6	35		20		53	15	0	0	
156	00	8	24	2	0	0	-	9.5	-1.9	24.0	38	+1	20	-1	54	14	0	5	
157	00	8	24	1	0	0	-	9		26	36		20		48	14	0	04	
158	00	9	32	3	0	0	-	9.8	-0.7	26.8	37	-2	22	-1	55	17	0	04	
148	00	7	00	0	0	0	-	15.1	-0.8	25.0	36	+1	19	+2	68	19	0	23	8
149	00	8	32	2	0	0	-	15.1	+0.3	22.9	32	-1	19	+1	69	17	0	18	7
	00	8	02	1	0	0	-	15.0		22.8	35		17		78	19	0	-	
152	00	8	28	2	0	0	-	13.2	+0.1	23.0	34	-2	19	-1	66	16	0	04	
151	00	9	32	3	0	0	-	11.6	-0.7	24.7	34	-2	22	+1	56	15	0	0	
144	01	7	32	1	1	3	8	13.3	+0.5	22.8	31	-2	18	-3	73	18	0	-	17
145	00	8	00	0	0	0	-	9.1	-1.4	27.2	30	-1	24	+2	57	19	0	0	13
163	00	9	00	2	0	0	-	9		23	28		20		74	18	0	1	3
147	00	9	30	5	0	0	-	8.6	-1.9	27.2	31	-1	24	-1	54	17	0	0	4
208																	4	292	106
165																	0	4	
166																	0	4	27
167																	0	10	69
209																	0	81	160
170																	0	184	316
171																	1	405	387
182																	0		502
172																	0	600	797
174																	7	1521	1357
175																	0	237	308
179																	0		559
176																	0	866	807
177																	4	834	1064
178																	27	840	938

HUMIDITY

Mean of day

STATION	on 22 nd	Diff. from normal
Alexandria	64	-3
Ezbekiya	62	-3
Giza	61	-6
Helwân	57	+3

GIZA GRASS MINIMUM TEMP

ON 23 rd 11.6 °C

Remarks

UPPER AIR OBSERVATIONS on 22 nd

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT

ON 22 AT 14 30

HEIGHT FEET	PRESSURE mb	DRY °C	WET °C
SURFACE	1004	29	21
500	986	28	19
1000	968	27	18
1500	951	27	18
2000	934	24	17
4000	867	18	14
6000	804	18	7
8000	746	16	4
10000	690	12	2
12000	637	8	-1
14000	590	3	-2
16000	544	-2	-4
18000			
20000			

FAROUK AIRPORT RAWINSONDE 3

ON 23 rd AT 3

PRESSURE mbs	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE					
1000					
950					
900	3360	17	45	20	25
850	4950	18	25	10	34
800	6660	15	25	360	44
700	10300	10	-	360	5
600	14440	2	-	310	8
500	19170	-8	-	220	22
400					
300					
250					
200					
150					
100					

STATION	FOUAD A.P.				P. SAÏD							
TIME	15				14 30							
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	320	16			340	19						
500	320	16			340	16						
1000	320	19			350	7						
1500	320	25			340	11						
2000					360	2						
3000					250	8						
4000												
5000												
6000												
7000												
8000												

STATION	MATRUH											
TIME	14											
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	360	9										
500	350	9										
1000	320	15										
1500	320	28										
2000	320	35										
3000	320	45										
4000												
5000												
6000												
7000												
8000												

UPPER AIR OBSERVATIONS on 23 rd

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMAZA		HELWAN		MINYA		ASYUT		LUXOR		ASWAN		SIWA	
TIME			4				5						8		3 15				6		5		5 15	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			140	10			350	9					20	7	360	35			320	6	360	16	210	4
500			60	3			360	9					30	10	10	52			330	9	340	14	210	4
1000			20	12									10	27	10	62			360	14	10	19	310	3
1500							350	14							10	73			350	14	330	10	240	8
2000							340	14							10	86					280	10	350	15
3000			320	29			280	5																
4000			300	35																				
5000																								
6000																								
7000																								
8000																								

STATION	BAHARIYA		DAKHLA		KHARGA		HURGHADA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME			5		5 45		8																	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			340	11	360	22	320	8																
500			360	14	360	27	320	18																
1000			10	31	10	29	290	16																
1500			20	47																				
2000			20	56																				
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto-stratus	5
Strato cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

WIND FORCE (F)

	KPH	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

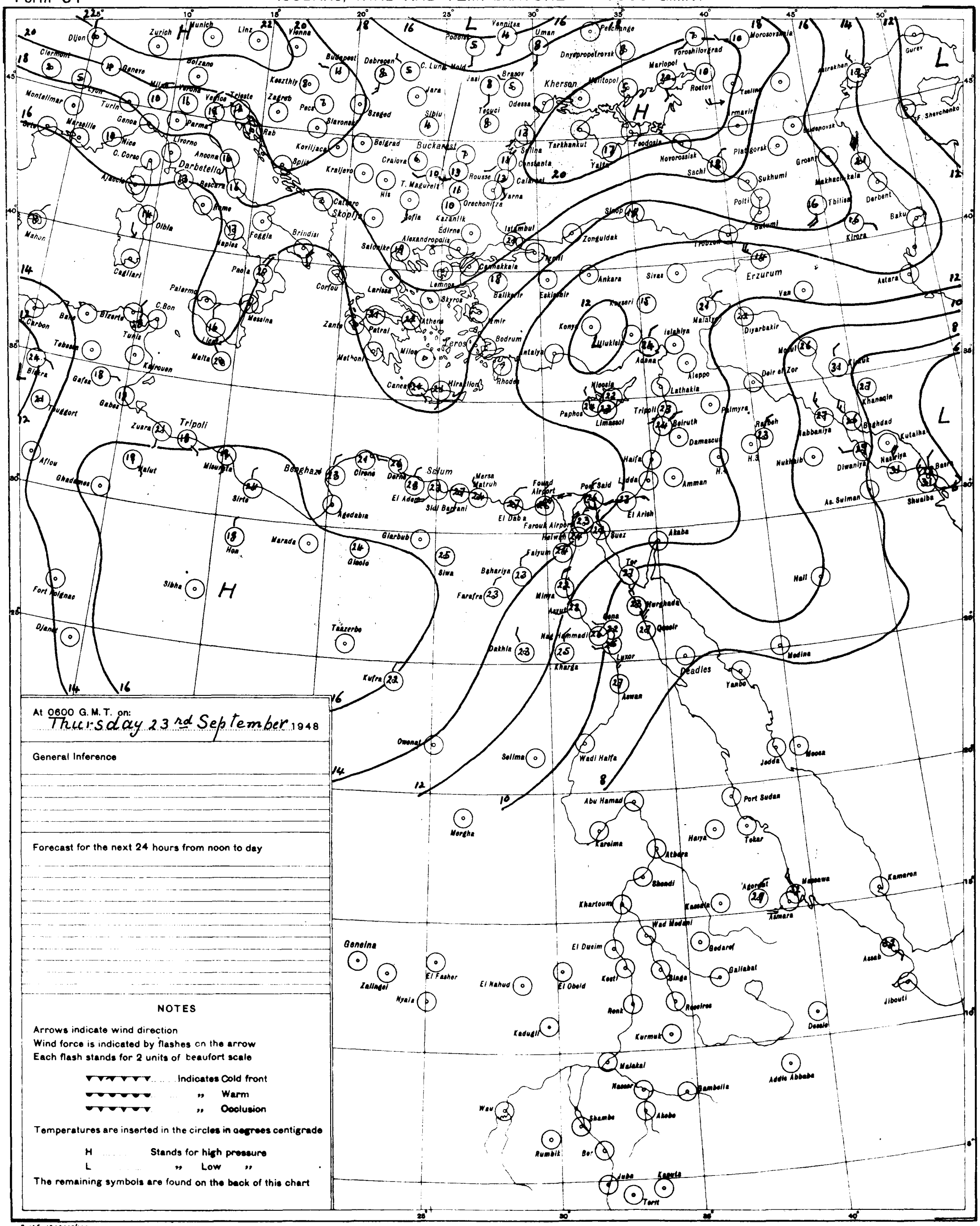
is on Scale 01-32 e.g.
08 = East, 16 = South
24 = West, 32 = North,
00 is Calm

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G. M. T. on:
Thursday 23rd September 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

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

The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 44 G.M.T.
" " Sunset 15 50 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date : FRIDAY 24 th SEPTEMBER , 1948.

At 1200 on THURSDAY 23 rd

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	00	9	02	3	0	4	8	14.2	28.5	56	18	0
	160	MATRÛH	00	8	06	3	0	0	-	15.	29	46	16	0
	134	EL DABA	00	9	30	3	0	0	-	14.0	28.0	76	23	0
	132	ALEXANDRIA	01	9	04	1	2	5	8	14.3	24.4			0
	150	FOUAD (Airport)	01	8	02	2	1	5	8	14.4	28	62	20	0
	159	DAMIETTA	00	8	28	3	1	1	8	13.5	26.1	61	18	0
	161	PORT SA'ID	00	8	01	3	0	1	6	14	27	55	17	0
	135	EL 'ARISH												
LOWER EGYPT	136	DAMANHUR	01	7	32	3	1	3	8	14.0	29.0	55	19	0
	137	MANSURA	01	8	02	2	1	5	8	13.4	30.2	49	18	0
	138	TANTA	00	8	28	3	0	0	-	13.9	30.4	43	16	0
	139	ZAGAZIG	00	6	32	2	0	0	-		32.4	54	21	0
		SHIBÎN EL KÔM	00	8	02	3	0	6	8	13.2	31.2	36	14	0
		ISMAÎLÎA	00	8	32	2	0	0	-	12.2	29.8	34	13	0
CAIRO AREA	928	FAROUK(Airport)	00	8	04	4	0	0	-	12	29	43	16	0
	141	ALMÂZA	00	8	02	4	0	0	-	12.1	30.0	47	17	0
		EZBEKÎYA	00	8	04	2	0	0	-	12.2	30.1	44	16	0
		GÎZA	00	8	04	2	0	0	-	12.3	29.7	36	13	0
	143	HELWÂN	00	8	28	5	0	0	-	11.6	30.1	31	11	0
UPPER EGYPT	153	FAIYÛM	00	8	02	3	0	0	-	11.4	30.2	36	13	0
		BENI SUEF	00	9	02	3	0	0	-	12.0	32.3	32	13	0
	162	MINYA	00	8	01	5	0	0	-	12	31	31	12	0
	155	ASYÛT	00	8	26	3	0	0	-	9.2	31.3	26	09	0
	164	NAG' HAMMÂDI	00	8	24	1	0	0	-	6.4	32.4	36	15	0
	156	QENA	00	9	24	2	0	0	-	6.4	35.0	37	18	0
	157	LUXOR	00	8	28	1	0	0	1	7	34	27	12	0
	158	ASWÂN	00	9	30	3	0	0	-	6.3	34.6	23	11	0
OASES	148	SIWA	00	8	00	0	0	0	-	14.8	31.2	56	21	0
	149	BAHARÎYA	00	8	32	1	0	0	-	12.4	33.0	30	13	0
		FARAFRA	00	8	04	3	0	0	-	12.3	34.5	50	22	0
	152	DAKHLA	00	9	30	4	0	0	-	9.9	32.0	28	11	0
	151	KHARGA	00	9	32	4	0	0	-	8.2	34.0	17	01	0
RED SEA	144	SUEZ	00	8	02	3	0	0	-	10.2	30.0	41	15	0
	145	TÛR	00	8	28	3	0	0	-	7.0	28.3	60	20	0
	163	HURGHÂDA	00	7	02	3	0	0	-	8	28	70	22	0
	147	QUSEIR	00	8	32	3	0	0	-	7.9	30.0	55	20	0
	208	PORT SÛDAN												
N. SÛDÂN	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA												
	209	KHARTÛM												
	170	KASSALA												
C. SÛDÂN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S. SÛDÂN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 1800 on 23

STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
	ww	V	DD	F	W		C	PPP	TT	UU		
SIDI BARÂNI	00	8	10	2	0	0	-	14.4	28.7	75	18	0
MATRÛH	00	7	02	1	0	0	-	14	24	72	19	0
EL DABA	00	7	00	0	0	0	-	13.9	24	69	18	0
ALEXANDRIA	01	5	04	1	2	5	4	14.7	24.2	71	18	0
FOUAD (Airport)	00	7	02	2	2	5	6	14	24	70	19	0
DAMIETTA	00	7	28	2	1	0	-	13.8	23.1	69	17	0
PORT SA'ID	00	7	31	4	1	6	6	14	25	65	18	0
EL 'ARISH	01	9	32	3	1	3	8	13.0	24.9	70	19	0
DAMANHUR	00	7	32	2	0	0	-	14.7	23.0	69	17	0
MANSURA	00	6	32	2	1	0	-	14.3	22.8	72	17	0
TANTA	00	8	28	1	0	0	-	15.5	23.0	80	15	0
ZAGAZIG	00	6	32	2	0	0	-	14.1	24.2	76	17	0
SHIBÎN EL KÔM	00	7	02	2	0	0	-	13.5	27.4	57	18	0
ISMAÎLÎA	00	7	02	2	0	0	-	13.6	24.0	67	18	0
FAROUK(Airport)	00	7	02	3	0	0	-	13	25	60	17	0
ALMÂZA	00	7	02	3	0	0	-	13.4	25.2	61	17	0
EZBEKÎYA	00	7	00	0	0	0	-	14.0	23.3	65	16	0
GÎZA	00	7	00	0	0	0	-	13.9	23.2	65	16	0
HELWÂN	00	7	32	4	0	0	-	13.6	25.0	53	15	0
FAIYÛM	00	8	02	1	0	0	-	12.7	25.8	54	16	0
BENI SUEF	00	9	02	2	0	0	-	11.9	26.7	61	19	0
MINYA	00	7	01	4	0	0	-	12	26	57	15	0
ASYÛT	00	6	28	3	0	0	-	10.7	28.3	36	12	0
NAG' HAMMÂDI	00	8	00	0	0	0	-	8.7	26.8	48	15	0
QENA	00	6	24	2	0	0	-	6.4	28.2	45	15	0
LUXOR	00	7	00	0	0	0	-	6	29	27	08	0
ASWÂN	00	9	32	2	0	0	-	5.8	32.0	24	09	0
SIWA												
BAHARÎYA	00	7	32	2	0	0	-	13.0	24.0	37	07	0
FARAFRA	00	7	32	2	0	0	-	13.0	27.8	55	18	0
DAKHLA	00	8	28	2	0	0	-	11.5	30.6	37	14	0
KHARGA	00	7	32	4	0	0	-	9.0	30.3	26	09	0
SUEZ			32	2	0	0	-	12.6	24.4	67	17	0
TÛR	00	8	28	3	0	0	-	7.0	28.4	60	20	0
HURGHÂDA	00	8	29	5	0	0	-	8	28	55	18	0
QUSEIR	00	8	30	2	0	0	-	7.1	27.0	66	20	0
PORT SÛDAN												
WADI HALFA												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on FRIDAY 24 th

STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. MAXIMUM Yesterday	MAXIMUM Diff. from norm.	MINIMUM Today	MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct 1	RAINFALL mms. Norm. From Oct 1
	ww	V	DD	F	W		C	PPP		TT	TxTx		Tn Tn		UU				
SIDI BARÂNI	01	9	12	3	1	5	8	15.5		24.8					65	17	0		
MATRÛH	01	8	32	3	0	3	6	15		25	29		18		65	18	0		
EL DABA	01	8	28	2	1	5	8	14.0		27.3	27		20		75	22	0	11.7	
ALEXANDRIA	01	9	04	2	2	3	8	14.2	-0.4	24.0	28	-2	22	+	67	18	0	20.9	18.7
FOUAD (Airport)	00	8	01	2	0	0	-	13.8		24	28		20		61	14	0	21.4	13.8
DAMIETTA	01	8	32	2	1	5	6	13.2	-0.6	24.9	27		21		61	17	0	8.5	10.6
PORT SA'ID	01	7	03	3	0	3	6	13		24	29		24		55	16	0	5.6	8.1
EL 'ARISH	02	9	32	4	2	8	8	11.8	-1.9	25.8	28	-1	20	+1	60	18	0		9.4
DAMANHUR	01	6	04	2	1	5	8	14.2	-0.3	24.0	30	-1	19	+1	67	18	0	10.5	10.1
MANSURA	01	8	04	2	1	3	4	13.5	-0.7	25.0	31	-1	20	+1	61	17	0	7.3	5.5
TANTA	00	8	32	2	1	2	8	14.4	-0.2	23.8	31	-1	15	-2	66	15	0	2.6	4.4
ZAGAZIG	01	6	32	3	0	5	8	13.9	-0.6	24.0	32	0	17	0	67	18	0	3.6	2.7
SHIBÎN EL KÔM	00	7	02	2	0	1	8	13.9	-0.5	24.3	33		18		74	19	0	3.4	
ISMAÎLÎA	01	7	32	2	1	5	4	13.5		26.0	30		18		57	17	0	2.1	
FAROUK(Airport)	01	7	02	3	0	5	6	13		22	31		19		74	17	0		
ALMÂZA	01	7	04	2	0	5	6	12.6	-1.5	20.2	30		18		84	18	0	2.5	
EZBEKÎYA	00	7	30	1	0	1	8	13.2	-0.9	22.1	31	-1	18	-1	71	16	0	3.2	2.6
GÎZA	00	7	30	1	0	1	8	13.1	-1.1	23.2	30	-1	16	-1	66	16	0	3.1	2.7
HELWÂN	01	6	32	4	1	5	6	13.2	-0.8	21.7	31	-1	19	-1	58	16	0	1.9	2.9
FAIYÛM	00	8	32	3	0	0	-	13.0	-1.3	23.2	31	-2	18	-1	61	15	0	1.1	.8
BENI SUEF	00	9	02	3	0	0	-	12.7		24.9	33		18		66	18	0	1.1	
MINYA	00	7	01	4	0	0	-	13		22	31		16		69	16	0	1.2	
ASYÛT	00	7	26	1	0	0	-	12.2	-0.7	22.6	33	0	19	-1	61	15	0	tr	.4
NAG' HAMMÂDI	00	8	24	1	0	0	-	10.6	-0.9	24.7	34		19		61	17	0	0	
QENA	00	8	24	2	0	0	-	9.2	-2.3	25.0	36	-1	20	-1	47	18	0	5	
LUXOR	00	8	00	0	0	0	-	9		28	36		20		33	10	0	tr	
ASWÂN	00	7	32	1	0	0	-	9.2	-1.4	26.4	37	-2	22	-1	51	15	0	tr	
SIWA	00	7	04	2	0	0	-	14.2	-1.8	24.5	32	-3	18	+1	57	15	0	2.3	.8
BAHARIYA	00	8	04	2	0	0	-	14.3	-0.6	22.	34	+1	18	0	70	16	0	1.8	.7
FARAFRA	00	8	22	1	0	0	-	13.2		24.2	35		19		75	19	0	-	
DAKHLA	00	8	00	0	0	0	-	12.0	-1.2	24.6	34	-1	20	0	62	17	0	tr	
KHARGA	00	7	32	1	0	1	6	10.9	-1.5	26.8	35	-1	21	0	43	13	0	0	
SUEZ	01	6	00	0	1	5	4	11.8	-1.1	23.1	31	-2	18	-3	70	17	0	-	.7
TÛR	00	8	28	1	0	0	-	8.7	-1.9	26.5	31	0	19	-2	76	21	0	1	.3
HURGHADA	00	7	30	5	0	0	-	9		24	29		21		74	19	0	1	.3
QUSEIR	00	8	32	3	0	0	-	8.3	-2.4	27.8	30	-2	24	-1	41	13	0	0	.4
PORT SUDAN																	0	2.9	2.6
WADI HALFA																	0	tr	
KAREIMA																	0	tr	.2
'ATBARA																	0	1.0	.6
KHARTÛM																	0	.8	.1
KASSALA																	0	1.8	3.1
WAD MEDANI																	0	4.0	5.8
RENK																	0		.4
ROSEIRES																	0	1.0	.7
EL OBEID																	0	5.2	3.5
EL FÂSHER																	0	2.3	3.0
GENEINA																	0		.5
MALAKÂL																	0	8.6	8.0
WÂU																	0	8.3	10.1
JUBA																	0	8.4	9.2

HUMIDITY
Mean of day

STATION	on 23	Diff. from normal
Alexandria	67	0
Ezbekiya	63	-2
Giza	61	-6
Helwân	54	0

GIZA
GRASS MINIMUM TEMP
ON 24 th 11.6

Remarks

UPPER AIR OBSERVATIONS on 23
DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT — ON 23 rd AT 14 30

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C
SURFACE	1003	29	23
500	985	27	18
1000	967	26	18
1500	950	24	17
2000	933	24	17
4000	866	18	10
6000	804	16	6
8000	745	12	2
10000	689	8	1
12000	638	4	-2
14000	589	2	-3
16000	544	-2	-5
18000			
20000			

FAROUK AIRPORT — RAWINSONDE — ON 24 th AT 5

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE					
1000					
950					
900	3300	9	95	20	19
850	4840	5	15	30	21
800	6460	3	-	30	20
700	10040	0	-	90	10
600	14000	-8	-	210	5
500	18090	-15	-	210	27
400					
300	30840	-32	-	250	46
250					
200	39980	-51	-	230	41
150					
100	53880	-72	-		

STATION	FOUAD A.P.		P. SAID		MINYA		MATRUH	
TIME	14 30		15 30		15		14	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV
200	360	16	360	12	360	26	20	10
500	350	14	350	14	350	40	340	23
1000	340	16	340	17	360	47	360	22
1500	340	30			10	43		
2000					170	14		
3000								
4000								
5000								
6000								
7000								
8000								

STATION								
TIME								
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV
200								
500								
1000								
1500								
2000								
3000								
4000								
5000								
6000								
7000								
8000								

UPPER AIR OBSERVATIONS on 24
DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAID		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			11		3 30		4								3 45				6				5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200					10	12	10	10							360	33			330	6			110	17
500			10	9	10	18	20	25							10	38			340	12			110	9
1000			20	16	360	17	60	16							360	35			340	11			40	9
1500			350	16	10	12									360	35							360	17
2000			330	30	ENT. 24.										10	40							320	22
3000			360	19																			320	34
4000			360	26																			30	26
5000																								
6000																								
7000																								
8000																								

STATION	BAHARIYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME			5		5 45		8																	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			350	3			330	32																
500			30	11	10	26	320	21																
1000			10	27	360	30	300	10																
1500			10	30	10	28	140	6																
2000			360	33			160	16																
3000							160	21																
4000							190	18																
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto stratus	5
Strato-cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

WIND FORCE (F)

	KPH Force	
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

16 or Scale 01-32 e.g.
08 = East, 16 = South
24 = West, 32 = North.
00 is Calm

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on:
FRIDAY 24th SEPTEMBER 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

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

The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 45 G.M.T.
" " Sunset 15 48 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: SATURDAY 25th SEPTEMBER, 1948.

At 1200 on FRIDAY 24th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARANI	00	9	32	3	0	4	8	15.1	26.0	60	18	0
	160	MATRUH	01	8	32	5	0	5	6	15	26	62	18	0
	134	EL DABA	01	8	28	3	1	5	8	13.2	26.3	77	22	0
	132	ALEXANDRIA	02	9	02	3	2	8	8	13.0	26.0	62	18	0
	150	FOUAD (Airport)	01	8	30	4	0	7	8	12.8	27	62	19	0
	159	DAMIETTA	01	8	32	3	1	5	6	11.9	25.9	61	17	0
	161	PORT SAID	00	7	01	3	0	1	8	12	27	35	17	0
	135	EL ARISH	02	9	32	4	2	9	8	11.1	27.2	59	18	0
Lower Egypt	136	DAMANHUR	01	7	04	3	1	3	8	13.1	28.5	49	16	0
	137	MANSURA	01	8	02	2	1	5	8	12.0	29.8	46	16	0
	138	TANTA	01	8	28	3	1	5	8	11.9	30.0	40	15	0
	139	ZAGAZIG	01	6	28	3	1	3	8	11.9	30.1	49	18	0
		SHIBIN EL KOM	01	8	30	3	1	5	8	12.7	31.9	34	14	0
		ISMAILIA	01	8	02	2	1	5	7	10.4	29.5	44	16	0
Cairo Area	828	FAROUK (Airport)	00	8	02	4	0	1	8	11	29	40	14	0
	141	ALMAZA	00	8	02	3	0	4	8	10.7	29.8	44	16	0
		EZBEKIYA	00	8	30	2	0	0	—	11.1	29.4	45	16	0
		GIZA	00	8	30	2	0	0	—	11.4	28.9	41	14	0
	143	HELWAN	00	8	30	4	0	0	—	10.4	28.9	38	13	0
Upper Egypt	153	FAIYUM	00	8	32	4	0	0	—	10.3	29.8	33	12	0
		BENI SUEF	00	9	02	3	0	0	—	9.6	33.8	34	16	0
	162	MINYA	00	8	32	5	0	0	—	10	30	35	13	0
	155	ASYUT	00	8	28	2	0	0	—	9.6	30.0	36	13	0
	164	NAG HAMMADI	00	8	24	1	0	0	—	7.0	32.9	36	16	0
	156	QENA	00	9	24	2	0	0	—	6.4	37.0	24	13	0
	157	LUXOR	00	8	28	1	0	0	—	7	35			0
	158	ASWAN	00	9	30	1	0	0	—	6.2	36.0	20	10	0
Oases	148	SIWA	00	8	00	0	0	0	—	14.3	35.0	45	21	0
	149	BAHARIYA	00	8	32	2	0	0	—	12.6	30.6	36	14	0
		FARAFRA												
	152	DAKHLA	00	9	28	4	0	0	—	10.1	32.6	29	13	0
	151	KHARGA	00	9	32	3	0	0	—	9.0	33.8	18	6	0
Red Sea	144	SUEZ	00	8	32	3	0	1	8	8.4	30.0	46	17	0
	145	TOR	00	8	28	2	0	0	—	7.1	28.3	70	20	0
	163	HURGHADA	00	8	01	3	0	0	—	7	27	79	23	0
	147	QUSEIR	00	8	32	3	0	0	—	6.3	29.0	64	21	0
	208	PORT SUDAN	00	8	06	4	0	1	8,4	4	34	53	23	
North Sudan	165	WADI HALFA												
	166	KAREIMA	01	8	32	3	1	6	5	4	39			
	167	ATBARA												
	209	KHARTUM	00	8	22	2	1	1	8	3				
	170	KASSALA	01	8	24	1	0	3	8	3	37	33	18	
Central Sudan	171	WAD MEDANI	00	8	24	2	1	0	—		37	35	19	
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID	00	8	22	1	0	4	4	3	36	19	9	
	175	EL FASHER	00	8	00	0	0	0	—	—	30	22	6	
	179	GENEINA	00	7	08	3	0	0	—		32			
South Sudan	176	MALAKAL												
	177	WAU												
	178	JUBA												

At 1800 on FRIDAY 24th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 12-18 G.M.T. mms
SIDI BARANI	00	8	32	3	0	0	—	15.4	23.5	69	18	0
MATRUH	01	7	31	4	1	5	6	15	24	69	18	0
EL DABA	02	6	26	4	2	8	8		24.1	90	22	0
ALEXANDRIA	01	5	02	2	2	5	8	12.7	24.6	70	19	0
FOUAD (Airport)	01	7	02	1	0	3	6	13.0	24	69	18	0
DAMIETTA	00	7	23	1	1	1	8	12.2	23.4	77	19	0
PORT SAID	00	7	32	3	0	2	6	12	25	74	20	0
EL ARISH	00	9	32	3	0	0	—	11.2	25.1	69	19	0
DAMANHUR	00	7	32	2	0	0	—	13.4	23.8	73	19	0
MANSURA	00	6	02	2	1	0	—	12.8	22.6	76	18	0
TANTA	01	8	32	1	1	5	8	13.2	24.0	69	18	0
ZAGAZIG	00	6	32	2	1	0	—	13.6	23.4	80	19	0
SHIBIN EL KOM	00	7	03	3	0	0	—	13.8	25.3	69	19	0
ISMAILIA	00	7	32	2	0	0	—	12.3	25.0	64	18	0
FAROUK (Airport)	00	7	03	4	0	0	—	12	24	69	18	0
ALMAZA	00	7	03	4	0	0	—	12	25	65	18	
EZBEKIYA	00	7	00	0	0	0	—	12.2	23.5	70	18	0
GIZA	00	7	00	0	0	0	—	12.3	23.9	65	17	0
HELWAN	00	7	30	4	0	0	—	11.5	25.0	57	16	0
FAIYUM	00	8	30	1	0	0	—	10.8	24.0	60	16	0
BENI SUEF	00	9	02	2	0	0	—	10.2	26.3			
MINYA	00	7	32	3	0	0	—	10	22	57	13	0
ASYUT	00	6	26	1	0	0	—	10.6	25.2	46	13	0
NAG HAMMADI	00	8	00	0	0	0	—	8.2	25.4	57	16	0
QENA	00	5	24	2	0	0	—	6.4	27.2	45	14	0
LUXOR	00	7	27	2	0	0	—	7	29	27	8	0
ASWAN	00	9	00	0	0	0	—	7.5	34.0	22	9	0
SIWA	00	6	00	0	0	0	—	13.6	30.0	70	24	0
BAHARIYA	00	7	32	1	0	0	—	12.6	26.0	39	11	0
FARAFRA	00	7	32	3	0	0	—	12.2	25.0	60	17	0
DAKHLA	00	8	28	1	0	0	—	11.1	30.3	35	13	0
KHARGA	00	7	00	0	0	0	—	9.6	27.4	49	15	0
SUEZ	00		00	0	0	0	—	10.4	25.0	62	17	0
TOR	00	8	28	3	0	0	—	7.2	27.0	74	22	0
HURGHADA	00	8	29	3	0	0	—	7	28	58	19	0
QUSEIR	00	8	28	2	0	0	—	7.2	28.7	61	21	0

(No 1800 entries for Port Sudan or the Sudan stations.)

At 0600 on SATURDAY 25th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	M.S.L. mbs PPP	Diff from normal mbs	Dry Bulb TT	Max. Yesterday TxTx	Max. Diff from norm	Min. Today TnTn	Min. Diff from norm	Humidity % UU	Dew Point °C	Rain Past 24 hrs	Total From Oct 1	Norm. From Oct 1	Station	Area
SIDI BARANI	00	9	32	2	0	4	8	15.2		25.0	27		23		68	19	0			SIDI BARANI	Mediterranean
MATRUH	01	8	31	4	1	5	6	14		25	28		23		74	20	0			MATRUH	
EL DABA	02	7	32	3	2	8	8	13.0		25.8	28		22		88	24	0	117		EL DABA	
ALEXANDRIA	01	9	02	2	2	3	4	12.4	-2.3	25.0	28	-2	22	0	71	19	0	209	187	ALEXANDRIA	
FOUAD (Airport)	00	7	32	2	0	4	6	12.3		26	28		21		70	20	0	214	138	FOUAD (Airport)	
DAMIETTA	01	7	28	2	1	3	8	11.9	-2.0	25.2	27		20		77	21	0	85	106	DAMIETTA	
PORT SAID	01	7	02	3	1	5	6	11		27	29		25		66	20	0	56	81	PORT SAID	
EL ARISH	02	9	20	2	2	8	8	11.2	-2.6	29.8	28	-1	24	+5	62	22	0		94	EL ARISH	
DAMANHUR	00	7	04	2	0	0	—	11.8	-2.8	23.8	29	-2	19	0	83	21	0	105	101	DAMANHUR	Lower Egypt
MANSURA	01	7	32	1	1	3	6	11.9	-2.4	25.5	31	-1	20	+1	71	20	0	73	55	MANSURA	
TANTA	00	8	00	0	1	0	—	11.7	-2.7	22.6	30	-2	16	-1	85	20	0	26	44	TANTA	
ZAGAZIG	01	6	24	2	0	5	8	12.6	-2.1	25.0	32	0	17	0	80	21	0	36	27	ZAGAZIG	
SHIBIN EL KOM	00	7	04	2	0	0	—	12.0	-2.5	24.8	33		18		74	20	0	34		SHIBIN EL KOM	
ISMAILIA	03	6	32	1	2	10	5	11.1		24.8	31		21		73	20	0	21		ISMAILIA	
FAROUK (Airport)	05	6	30	1	0	7	6	12		21	30		18		83	18	0			FAROUK (Airport)	Cairo Area
ALMAZA	05	6	30	1	2	10	6	12		21	30		18		83	19	0	25		ALMAZA	
EZBEKIYA	03	6	00	0	2	10	6	12.3	-1.9	21.4	30	-2	19	0	78	17	0	32	26	EZBEKIYA	
GIZA	03	6	00	0	2	10	6	12.3	-2.0	21.6	30	-1	16	-1	80	18	0	31	27	GIZA	
HELWAN	01	7	32	4	1	7	6	11.5	-2.6	22.9	30	-2	18	-2	68	17	0	19	29	HELWAN	
FAIYUM	01	8	32	2	1	5	6	12.2	-2.2	22.8					74	18	0	11	8	FAIYUM	Upper Egypt
BENI SUEF	00	9	02	1	0	0	—	11.5		23.9	34		18		71	18	0	11		BENI SUEF	
MINYA	01	7	32	4	0	3	6	12		22	30		16		74	17	0	12		MINYA	
ASYUT	00	7	28	1	0	0	—	11.6	-1.4	22.3	31	-1	19	-1	72	17	0	dr.	4	ASYUT	
NAG HAMMADI	00	8	26	1	0	0	—	9.8	-1.8	25.8	33		20		62	18	0	0		NAG HAMMADI	
QENA	00	8	24	2	0	0	—	9.5	-2.1	24.0	38	+1	21	0	66	17	0	5		QENA	
LUXOR	00	8	00	0	0	0	—	9		27	36		19		52	16	0	dr.		LUXOR	
ASWAN	00	9	00	0	0	0	—	8.7	-2.0	27.0	37	-2	20	-3	56	17	0	dr.		ASWAN	
SIWA	00	7	28	2	0	0	—	15.8	-0.3	23.0	37	+3	18	+1	63	16	0	23	8	SIWA	Oases
BAHARIYA	01	7	32	3		3	4	13.6	-1.4	21.0	31	-2	17	-1	82	18	0	18	7	BAHARIYA	
FARAFRA	00	8	32	2	0	0	—	14.2		20.6	35		17		89	19	0			FARAFRA	
DAKHLA	00	8	32	2	0	0	—	12.7	-0.6	22.7	34	-1	19	-1	67	16	0	dr.		DAKHLA	
KHARGA	00	9		3	0	0	—	10.8	-1.7	23.9	35	-1	20	-1	64	17	0	0		KHARGA	
SUEZ	02	6	00	0	2	9	5	10.4	-2.6	22.9	31	-2	20	-1	82	20	0		17	SUEZ	Red Sea
TOR	00	8	00	0	0	0	—	9.4	-1.3	26.6	31	0	22	+1	76	22	0	0	13	TOR	
HURGHADA	00	9	30	5	0	0	—	9		25	27		22		74	20	0	1	3	HURGHADA	
QUSEIR	00	8	30	2	0	0	—	8.5	-2.3	27.4	30	-2	24	-1	62	19	0	0	4	QUSEIR	
PORT SUDAN	01	8	20	2	1	3	8,4	7		30					74	25	0	292	106	PORT SUDAN	
WADI HALFA																	0	tr.		WADI HALFA	North Sudan
KAREIMA	02	8	04	3	1	8	2	9		29					20	4	0	tr.	27	KAREIMA	
ATBARA	18	5	32	5	3	1	4	6		31					21	6	0	10	69	ATBARA	
KHARTUM	02	8	30	3	1	9	4	8		29					22	5	0	81	161	KHARTUM	
KASSALA	01	8	18	3	1	7	4	8		29							0	184	319	KASSALA	
WAD MEDANI																	4	409	391	WAD MEDANI	Central Sudan
RENK																	0	—	506	RENK	
ROSEIRES																	0	600	800	ROSEIRES	
EL OBEID	02	8	24	3	1	9	4	8		27					45	14	0	521	361	EL OBEID	
EL FASHER	05	5	32	2	0	0	—			22					44	9	0	237	309	EL FASHER	
GENEINA																			562	GENEINA	
MALAKAL																	5	871	811	MALAKAL	South Sudan
WAU																	0	834	1076	WAU	
JUBA																	4	844	945	JUBA	

HUMIDITY

Mean of day

Station	on 24th	Diff from normal
Alexandria	67	0
Ezbekiya	64	-1
Giza	60	-7
Helwan	58	+4

GIZA

Grass Minimum Temp on 25th 12.8 °C

Remarks

UPPER AIR OBSERVATIONS on 24th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — Aeroplane Ascent on 24th at 14

Height Feet	Pressure mbs	Dry °C	Wet °C
Surface		29	24
500	983	27	19
1000	965	26	18
1500	948	23	18
2000	931	22	17
4000	865	16	14
6000	802	16	9
8000	744	14	4
10000	688	9	1
12000	636	4	-3
14000	588	1	-4
16000	542	-3	-6
18000			
20000			

FAROUK AIRPORT — Radiosonde on 25th at 4

Pressure mbs	Height Feet	Temp °C	Humidity %	Wind DD	Wind VV
Surface		18	89	00	0
1000	310	18	85	—	0
950					
900	3270	14	95	40	16
850	4860	17	45	70	15
800	6550	15	25	110	15
700	10220	9		160	26
600	14330	-1		160	25
500	19020	-7		360	14
400		-14			
300	31590	-31		230	24
250					
200	40630	-50		220	42
150					
100					

Pilot balloon winds, 24th

Height m	Matruh (time 14) DD	VV	Fouad A.P. (time 15) DD	VV	P. Said (time 14 30) DD	VV	Minya (time 15) DD	VV
200	350	19	360	10	360	16	350	31
500	350	20	360	10	360	17	350	50
1000	350	18	360	12	10	9	20	28
1500	360	16	350	16			340	40
2000	350	20	340	17			290	13
3000	340	20						
4000								
5000								
6000								
7000								
8000								

UPPER AIR OBSERVATIONS on 25th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Height m	Sidi Barani	Matruh (4 15) DD	VV	Fouad Airport	Port Said (4) DD	VV	Farouk Airport (4) DD	VV	Almaza	Helwan	Minya (3 15) DD	VV	Asyut	Luxor (5 45) DD	VV	Aswan (5) DD	VV	Siwa
200		360	12		360	11	10	9			360	33		300	2			
500		350	9		360	11	20	11			360	42		330	7	10	10	
1000		60	16		350	7	30	13			360	40		360	6	20	8	
1500		50	13				70	12			350	40		150	4	230	10	
2000							110	13			340	38				180	16	
3000							160	22								190	14	
4000							150	23								210	16	
5000							140	5										
6000							360	13										
7000																		
8000																		

Height m	Bahariya	Dakhla (5) DD	VV	Kharga (5 45) DD	VV	Hurghada (8) DD	VV	Wadi Halfa	Abu Hamad (3 30) DD	VV	Kareima	Khartum	Kassala	El Obeid	El Fasher (4) DD	VV	Malakal
200		10	9	10	17	330	23										
500		20	10	10	21	310	13										
1000		360	21	330	23	300	7		340	28					300	3	
1500		340	23	360	11	200	9		20	7					60	5	
2000		350	41	350	10	170	10		250	14					60	8	
3000				10	7				250	14					80	18	
4000									230	9					120	28	
5000																	
6000																	
7000																	
8000																	

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto stratus	5
Strato cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Note: All times G. M. T.

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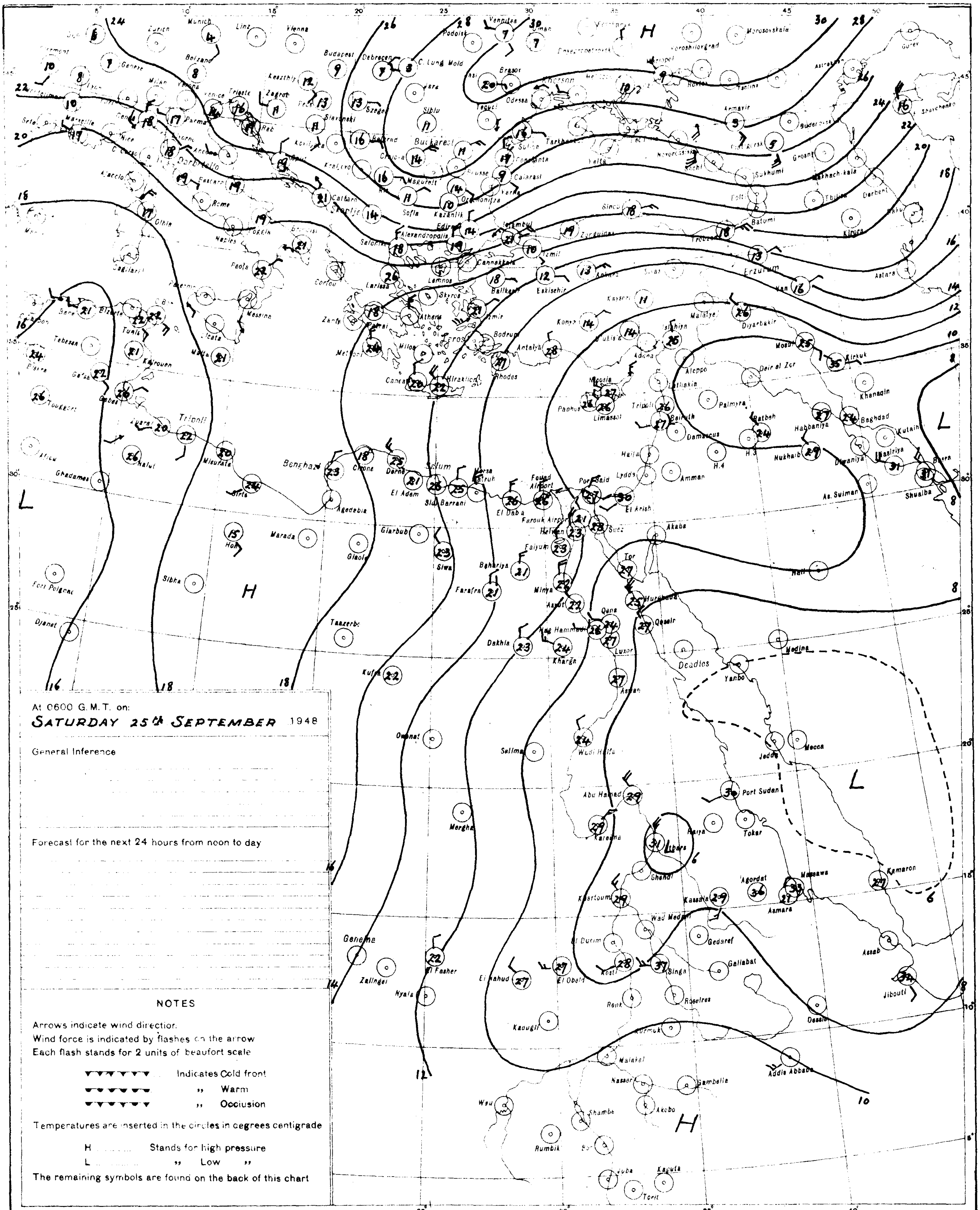
Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



S of E 1948(48/195)

SCALE 1:15,000,000

MINISTRY OF NATIONAL DEFENCE . METEOROLOGICAL DEPARTMENT, EGYPT

Form 91

DAILY WEATHER REPORT

Date: SUNDAY 26th SEPTEMBER, 1948.

Time of Sunrise 03 45 G.M.T.
Sunset 15 47 G.M.T.

At 1200 on SATURDAY 25th

Station	Present weather ww	Visibility V	Wind Direction DD	Wind Force F	Past weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. PPP	Temp. TT	Humidity UU	Dew point °C	Rain 6-12 G.M.T. mms
SIDI BARRANI	00	9	30	3	0	0	—	14.0	26.3	64	18	0
MATRUH	01	8	31	5	1	5	6	13	27	66	20	0
EL DABA	01	8	26	4	1	5	8	11.0	26.8	91	25	0
ALEXANDRIA	02	8	02	3	2	8	5	10.0	27.0	69	21	0
FOUAD (Airport)	00	8	31	3	0	1	8	10.5	29	66	22	0
DAMIETTA	00	8	28	3	1	tr.	8	10.2	27.3	68	20	0
PORT SAID	00	8	32	3	0	tr.	6	10	27	70	21	0
EL ARISH	01	9	30	3	1	5	8	9.8	28.2	65	21	0
DAMANHUR	00	7	32	3	0	2	8	11.4	29.5	58	21	0
MANSURA	01	8	32	2	1	5	8	9.6	31.4	50	19	0
TANTA	01	8	28	2	1	5	8	11.0	32.0	49	20	0
ZAGAZIG	01	6	32	2	1	3	8	9.8	30.1	59	21	0
SHIBIN EL KOM	00	8	02	3	0	0	—	10.6	31.6	34	14	0
ISMAILIA	01	8	28	1	1	5	6	9.1	31.0	50	19	0
FAROUK (Airport)	00	8	32	3	0	1	8	9	30	43	16	0
ALMAZA	00	8	10	2	1	2	8	9.3	30.4	52	20	0
EZBEKIYA	00	8	02	1	0	tr.	8	9.2	30.5	49	18	0
GIZA	00	8	02	1	0	tr.	8	10.0	30.4	45	17	0
HELWAN	00	8	32	3	1	1	8	8.8	30.0	45	17	0
FAIYUM	00	8	32	3	0	0	—	9.0	30.0	47	17	0
BENI SUEF	00	9	02	1	0	0	—	8.8	31.8	48	20	0
MINYA	00	8	02	4	0	0	—	10	30	49	18	0
ASYUT	00	8	26	1	0	0	—	9.2	30.0	36	13	0
NAG HAMMADI	00	8	24	1	0	0	—	7.6	32.0	42	17	0
QENA	00	9	24	2	0	0	—	6.7	35.0	37	18	0
LUXOR	00	8	24	1	0	tr.	2	7	35	29	14	0
ASWAN	00	9	32	1	0	0	—	7.5	37.0	22	12	0
SIWA	00	8	28	2	0	0	—	14.8	31.2	58	22	0
BAHARIYA	00	8	28	1	1	0	—	11.2	30.0	36	13	0
FARAFRA	00	8	32	3	0	0	—	11.2	31.1	53	20	0
DAKHLA	00	9	28	4	0	0	—	10.1	30.3	35	13	0
KHARGA	00	9	32	2	0	0	—	9.0	31.0	27	9	0
SUEZ	00	8	00	0	0	0	—	7.8	30.8	48	19	0
TOR	00	8	28	3	0	0	—	8.8	29.0	78	24	0
HURGHADA	00	8	02	2	0	tr.		7	28	79	24	0
QUSEIR	00	8	02	2	0	0	—	7.4	28.0	79	24	0
PORT SUDAN	00	8	06	4	0	1	4	4	33	66	26	
WADI HALFA												
KAREIMA												
ATBARA	00	8	30	2	0	0	—	2	39	16	9	0
KHARTUM												
KASSALA	02	8	22	1	1	8	8	2	38	33	19	0
WAD MEDANI	00	8	24	2	0	2	8					•
RENK	02	9	20	3	1	10	4	8	30	66	23	0
ROSEIRES												
EL OBEID	01	8	20	1	1	3	1	8	36	19	9	0
EL FASHER	01	7	32	3	0	3		—	35	14	4	0
GENEINA	05	9	02	2								
MALAKAL	53	6	10	3	1	10	8,5	7	24	89	22	0
WAU							8,4	7	32	46	19	0
JUBA												

At 1800 on SATURDAY 25th

Station	Present weather ww	Visibility V	Wind Direction DD	Wind Force F	Past weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. PPP	Temp. TT	Humidity UU	Dew point °C	Rain 12-18 G.M.T. mms
SIDI BARRANI	00	8	32	2	0	0	—	14.3	23.9	79	20	0
MATRUH	02	7	30	4	1	8	6	13	24	79	20	0
EL DABA	02	6	26	4	2	8	9		24.6	95	24	0
ALEXANDRIA	02	5	04	3	2	8	7	10.4	25.2	79	22	0
FOUAD (Airport)	01	7	30	3	1	5	6	10.1	25	84	22	0
DAMIETTA	00	6	30	1	1	1	8	9.6	24.0	86	21	0
PORT SAID	00	7	01	2	0	1	6	9	26	70	20	0
EL ARISH	01	9	32	3	1	5	8	9.0	25.9	75	21	0
DAMANHUR	00	7	32	2	0	0	—	11.8	23.7	90	22	0
MANSURA	00	6	04	2	1	0	—	10.0	24.6	83	22	0
TANTA	01	8	00	0	1	5	8	10.7	24.4	80	20	0
ZAGAZIG	00	6	24	2	0	0	—		23.5	79	20	0
SHIBIN EL KOM	00	7	02	2	0	0	—	11.5	25.7	66	19	0
ISMAILIA	00	7	02	2	0	0	—	8.8	25.2	75	20	0
FAROUK (Airport)	00	7	32	2	0	0	—	9	26	62	18	0
ALMAZA	00	7	02	2	0	0	—	9.4	26.8	67	19	0
EZBEKIYA	00	7	00	0	0	0	—	9.6	26.0	67	19	0
GIZA	00	7	00	0	0	0	—	9.9	25.3	67	18	0
HELWAN	00	7	30	2	0	0	—	9.1	27.0	56	17	0
FAIYUM	00	8	02	1	0	0	—	8.7	25.3	67	18	0
BENI SUEF	00	8	30	1	0	0	—	8.6	26.8	60	17	0
MINYA	00	7	00	0	0	0	—	9	23	74	18	0
ASYUT	00	6	20	1	0	0	—	9.4	26.3	47	14	0
NAG HAMMADI	00	8	00	0	0	0	—	7.4	24.6	70	19	0
QENA	00	6	22	3	0	0	—	7.0	28.0	53	17	0
LUXOR	00	7	00	0	0	0	—	7	28	42?	14?	0
ASWAN	00	9	00	0	0	0	—	5.2	36.0	20?	10?	0
SIWA	00	7	00	0	0	0	—	12.3	28.4	68	22	0
BAHARIYA	00	7	32	2	0	0	—	10.3	28.0	44	15	0
FARAFRA	00	8	28	2	0	0	—	10.8	25.8	62	18	0
DAKHLA	00	8	28	2	0	0	—	10.1	28.1	40	13	0
KHARGA	00	7	00	0	0	0	—	8.7	26.8	32	8	0
SUEZ	00		32	3	0	0	—	8.6	27.6	65	21	0
TOR	00	8	28	2	0	0	—	7.6	27.0	69	21	0
HURGHADA	00	8	00	0	0	0	—	7	27	74	22	0
QUSEIR	00	8	30	2	0	0	—	6.7	27.0	71	21	0

At 0600 on SUNDAY 26th

Station	Present weather ww	Visibility V	Wind Direction DD	Wind Force F	Past weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. PPP	Diff. from normal	Dry Bulb TT	Maximum yesterday TxTx	Diff. from normal	Minimum today TnTn	Diff. from normal	UU	[illegible]	[illegible]	[illegible]	[illegible]
SIDI BARRANI	00	9	30	3	0	0	—	13.6		24.8	27		22		72	20	0		
MATRUH	01	7	30	3	1	5	6	13		25	28		22		70	19	0		
EL DABA	01	7	26	3	1	7	8	12.4		26.0	27		22		85	23	0	117	
ALEXANDRIA	01	8	02	3	2	5	4	11.2	-3.6	25.8	29	0	23	+1	77	22	0	209	187
FOUAD (Airport)	00	7	32	2	0	2	8	10.6		25	29		23		74	22	0	214	138
DAMIETTA	01	8	30	2	1	5	6	9.2	-4.8	26.2	29		22		82	22	0	85	106
PORT SAID	02	7	02	2	1	8	6	10		26	29		25		74	21	0	56	81
EL ARISH	02	9	20	3	2	9	8	9.4	-4.5	27.4	30	+1	22	+3	70	21	0		94
DAMANHUR	00	7	32	3	0	0	—	10.7	-4.0	25.0	30	-1	21	+3	85	22	0	105	101
MANSURA	01	7	32	1	1	3	4	10.0	-4.4	26.8	33	+1	22	+3	78	23	0	73	55
TANTA	00	8	20	1	1	2	8	10.7	-4.0	24.0	32	0	18	+1	91	22	0	26	44
ZAGAZIG	00	6	28	2	0	0	—	9.9	-4.9	26.0	33	+1	17	0	84	23	0	36	27
SHIBIN EL KOM	00	7	30	2	0	0	—	10.5	-4.1	24.3	32		18		71	18	0	34	
ISMAILIA	02	6	26	1	2	9	5	9.5		24.3	32		22		84	21	0	21	
FAROUK (Airport)	05	6	00	0	1	10	6	10		22	32		23		94	21	0		
ALMAZA	05	6	30	1	4	9	6	9.9	-4.4	23.1	31		20		91	21	0	25	
EZBEKIYA	03	7	30	1	2	10	6	10.6	-3.7	23.8	31	-1	21	+2	85	21	•	32	26
GIZA	03	7	30	1	2	10	6	10.6	-3.8	23.3	31	0	20	+3	89	21	0	31	27
HELWAN	01	6	30	1	1	7	8	10.2	-4.0	23.2	31	-1	20	0	84	20	0	19	29
FAIYUM	01	8	32	2	1	5	8	10.0	-4.5	24.0	31	-2	20	+1	80	20	0	11	8
BENI SUEF	02	8	32	2	0	9	5	10.2		24.7	32		20		79	21	0	11	
MINYA	01	7	32	2	2	5	6	10		23	31		20		89	20	0	12	
ASYUT	00	7	20	1	0	0	—	10.1	-3.0	23.8	31	-1	20	0	69	18	0	dr.	4
NAG HAMMADI	00	8	00	0	0	0	—	9.0	-2.7	26.6	32		20		67	20	0	0	
QENA	00	8	24	2	0	0	—	8.4	-3.4	25.4	37	0	23	+2	67	18	0	5	
LUXOR	00	8	00	0	0	0	—	8		28	36		21		49	16	0	dr.	
ASWAN	00	9	30	1	0	0	—	8.7	-2.1	28.0	38	-1	22	-1	57	19	0	dr.	
SIWA	00	7	28	2	0	0	—	12.2	-4.0	22.3	34	0	18	+1	72	17	0	23	8
BAHARIYA	02	7	32	2	2	9	4	12.0	-3.1	23.0	32	-1	20	+3	83	20	0	18	7
FARAFRA	02	8	02	3	2	8	9	12.4		21.8	35		19		91	20	0		
DAKHLA	00	8	28	2	0	0	—	12.1	-1.3	23.3	32	-3	19	-1	65	16	0	dr.	
KHARGA	00	9	32	2	0	0	—	9.8	-2.8	24.9	32	-4	19	-1	63	17	0	0	
SUEZ	02	6	32	1	2	9	5	11.0	-2.1	24.6	34	+1	21	0	82	22	0		17
TOR	00	8	28	2	0	0	—	8.6	-2.2	27.2	31	0	21	0	73	22	0	0	13
HURGHADA	00	9	29	3	0	0	—	8		27	28		22		66	20	0	1	3
QUSEIR	00	8	32	2	0	0	—	7.8	-3.1	30.0	30	-2	24	-1	51	19	0	0	4
PORT SUDAN																	0	292	106
WADI HALFA																	0	tr.	
KAREIMA	01	8	02	3	1	7	9	8		27			23		20	2	0	tr.	27
ATBARA	01	8	30	2	1	5	4	7		29			26		22	5	0	10	69
KHARTUM																	0	81	162
KASSALA	00	8	18	2	1	1	1	9		27			24				0	184	320
WAD MEDANI	02	9	16	3	1	10	1	9		24					74	19	0	407	392
RENK																	0		508
ROSEIRES																	0	600	802
EL OBEID	01	8	00	0	1	5	1	10		25			19		61	17	0	521	363
EL FASHER	01	8	04	1	1	3				26			18				0	237	309
GENEINA	02	7	04	3	0	10	2			22			17		78	18	0		563
MALAKAL																	6	877	814
WAU																	0	834	1081
JUBA																	4	848	948

HUMIDITY

Mean of ... days

Station	on 25th	Diff. from normal
Alexandria	73	+6
Ezbekiya	66	+1
Gîza	68	0
Helwân	58	+4

GIZA
GRASS MINIMUM TEMP. ON 26th 17.8 °C

Remarks

UPPER AIR OBSERVATIONS on 25th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT ON 25th AT 15

Height feet	Pressure mbs	Dry °C	Wet °C
Surface			
500	982	27	21
1000	964	26	20
1500	947	24	19
2000	930	23	18
4000	864	17	15
6000	801	18	7
8000	743	13	4
10000	688	10	1
12000	636	4	-3
14000	588	0	-4
16000	542	-1	-4
18000			
20000			

FAROUK AIRPORT — RAWINSONDE ON 26th AT 5

Pressure mbs	Height feet	Temp °C	Humidity %	Wind DD	Wind VV
Surface		22	90	—	00
1000	290	22	95	—	00
950					
900	3300	23	55	360	5
850	4920	18	45	130	6
800	6610	14	55	110	14
700	10250	7		140	27
600	14340	-1		170	9
500	19070	-6		240	12
400		-20			
300	31370	-40			
250					
200					
150					
100					

Station	Matruh		P. Said		Minya	
Time	14		14 15		15	
Height m.	DD	VV	DD	VV	DD	VV
200	340	21	340	11	10	16
500	350	23	320	8	360	21
1000	350	19	10	8	350	29
1500			40	3	340	23
2000			160	23	360	22
3000					220	4
4000						
5000						
6000						
7000						
8000						

UPPER AIR OBSERVATIONS on 26th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		Farouk Airport		Almaza		Helwan		Minya		Asyut		[illegible]		[illegible]		[illegible]	
Time			4 30		3 30		4		5				7 45						5 30		5		5	
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			330	13	340	15	350	6	20	8			330	9					350	4	360	3	360	9
500			340	13	350	16	350	9	10	9			20	10					320	7	360	14	350	10
1000			330	19	360	21	50	5	360	4			30	7					330	13	360	24	20	19
1500			10	14					120	4			90	3					350	4	260	3	360	16
2000			60	5					110	17			180	4					350	6	190	3	340	12
3000									140	23			130	18							210	10	340	12
4000									170	11														
5000									180	4														
6000									230	8														
7000																								
8000																								

Station	Bahariya		Dakhla		Kharga		Hurghada		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time			5		5 45		8												3 15		4 15		3 30	
Height m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			350	9	10	12	340	23																
500			10	11	10	16	310	21											250	11				
1000			320	19	360	14	310	19											280	19	120	7	70	3
1500			360	22	360	8	330	16											310	20				
2000			340	25	320	3	340	15											10	17	10	7		
3000					350	4	50	3											40	17	10	4		
4000					260	2													80	9				
5000					180	16																		
6000																								
7000																								
8000																								

PRESENT WEATHER (ww)

Cloud form	
Altocumulus	4
Altostratus	5
Stratocumulus	6
Nimbostratus	7
Cumulus	8
Cumulonimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

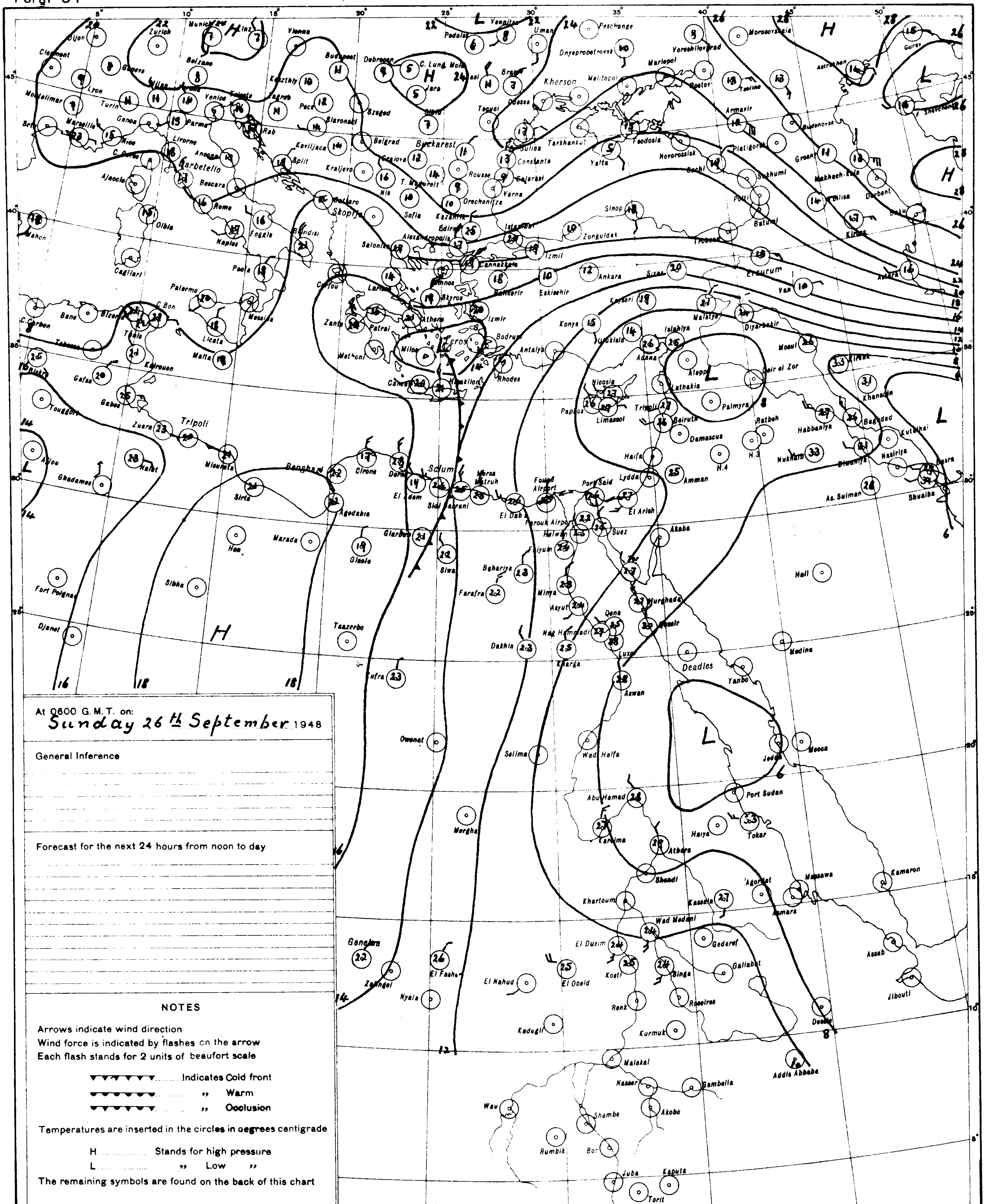
is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/195)

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: Sunday 26th September 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

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

Temperatures are inserted in the circles in degrees centigrade

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

The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 46 G.M.T.

" " Sunset 15 46 G.M.T.

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

Form 91

DAILY WEATHER REPORT

Date: MONDAY 27th SEPTEMPER , 1948.

At 1200 on SUNDAY 26th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR PRESS M.S.L. mbs	TEMP °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V.	DD	F	W		C	PPP	TT	UU		
	145	Sidi BARANI	00	9	32	6	0	0	-	12.8	25.6	67	19	0
	169	MATRUH	01	8	30	3	1	3	6	12	27	55	17	0
	134	EL DABA	00	8	30	3	0	0	-	10.6	26.3	66	19	0
	132	ALEXANDRIA	01	8	02	3	2	5	4	10.4	27.0	69	21	0
	150	FOUAD (Airport)	00	7	30	2	0	2	8	10.4	28	66	21	0
	159	DAMIETTA	01	8	26	3	1	5	8	8.8	28.0	69	22	0
	161	PORT SAID	00	8	31	3	1	1	6	8	28	62	20	0
	135	EL ARISH	00	9	28	3	0	0	-	8.0	28.1	69	22	0
	136	DAMANHUR	00	7	32	3	0	0	-	9.6	30.0	57	20	0
	137	MANSURA	01	7	32	2	1	5	8	9.0	31.0	55	21	0
	138	TANTA	00	8	24	3	1	0	-	9.8	31.3	50	19	0
	139	ZAGAZIG	00	6	24	2	0	0	-	8.0	33.0	53	22	0
		SHIBIN EL KOM	00	8	02	3	0	0	-	9.7	32.4	33	14	0
		ISMAILIA												
	928	FAROUK(Airport)	00	8	32	4	0	0	-	8	30	42	16	0
	141	ALMAZA	00	8	30	3	0	0	-	8	31	50	20	0
		EZBEKIYA	00	8	30	2	0	0	-	8.3	31.6	47	19	0
		GIZA	00	8	30	2	0	0	-	8.8	31.4	47	18	0
	142	HELWAN	00	7	28	4	0	0	-	7.5	31.6	40	17	0
	143	FAIYUM	00	8	32	2	0	0	-	7.8	32.5	39	16	0
		BENI SUEF	00	9	26	1	0	0	-	7.8	34.2	41	22	0
	160	MINYA												
	165	ASYUT	00	8	20	1	0	0	-	7.3	32.4	32	13	0
	164	NAG' HAMMADI	00	8	00	0	0	0	-	7.0	33.9	41	19	0
	156	QENA	00	9	24	2	0	0	-	6.3	36.0	42	21	0
	157	LUXOR	00	8	24	1	0	2	1	6	36	24	12	0
	166	ASWAN	00	9	30	1	0	0	-	5.8	36.6	29	15	0
	148	SIWA	00	8	28	3	2	0	-	13.2	32.9	52	22	0
	149	BAHARIYA	01	8	32	2	1	3	4	10.0	31.0	42	17	0
		FARAFRA												
	162	DAKHLA	00	9	28	3	0	0	-	9.5	30.2	29	10	0
	151	KHARGA	00	9	32	1	0	0	-	7.9	33.0	21	08	0
	144	SUEZ	00	8	32	3	0	0	-	7.1	30.8	50	19	0
	145	TOR	00	8	28	5	0	0	-	7.3	28.7	44	21	0
	163	HURGHADA	00	9	00	0	0	1	8	7	30	70	24	0
	147	QUSEIR	00	8	04	2	0	0	-	7.1	28.0			
	208	PORT SUDAN	00	9		4	0	1	4	4	35	32	16	0
	205	WADI HALFA												
	156	KAREIMA	00	8	30	3	1	2	2	5	36	09	-2	0
	167	ATBARA	00	8	28	2	1	2	4,3	2	40	11	4	0
	209	KHARTUM	01	8	30	3	1	5	4,2	5	37	11	1	0
	170	KASSALA	00	8										
	171	WAD MEDANI	00	8	16	3	1	0	-	4	35	30	15	0
	182	RENK												
	173	ROSEIRES	00	8			0	0	-	8	34	41	19	0
	174	EL OBEID	01	8	32	2	1	5						
	175	EL FASHER	00	8	24	1	1	4			36	09	-2	0
	179	GENEINA	00	8	02	2	1	1	2		34	19	7	0
	176	MALAKAL												
	177	WAU	02	8	00	0	1	8	8,4	7	31	52	20	0
	178	JUBA												

At 1800 on 26

PRESENT WEATHER ww	VISIBILITY V.	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR PRESS M.S.L. mbs PPP	TEMP °C TT	HUMIDITY % UU	DEW POINT °C	RAIN 12-18 G.M.T. mms
01	8	32	3	1	3	8	12.8	24.2	54	14	0
00	7	32	2	0	0	-	12.	23	75	19	0
00	8	28	3	0	0	-	11.6	23.8	77	20	0
00	5	02	2	0	0	-	10.4	24.7	78	21	0
00	7	30	3	0	1	6	10.8	25	74	20	0
00	6	28	3	1	1	8	9.1	25.0	80	21	0
00	7	31	4	1	2	6	9	26	74	21	0
00	7	32	2	0	0	-	11.9	23.7	90	22	0
00	6	28	2	1	0	-	9.9	24.0	86	21	0
00	6	32	2	0	0	-	9.6	25.6	87	24	0
00	7	02	2	0	0	-	10.2	24.9	68	19	0
00	7	32	1	0	0	-	8.6	25.7	77	22	0
00	7	32	2	0	0	-	9	26	64	18	0
00	7	30	3	0	0	-	9.5	25.8	73	20	0
00	7	30	2	0	0	-	9.9	25.3	71	19	0
00	7	30	2	0	0	-	9.9	25.1	69	19	0
00	7	30	4	0	0	-	9.2	26.0	66	19	0
00	8	32	3	0	0	-	8.4	27.3	45	14	0
00	9	02	1	0	0	-	7.9	27.1	48	20	0
00	7	00	0	0	0	-	8	25	70	19	0
00	6	22	1	0	0	-	8.6	25.6	50	15	0
00	8	00	0	0	0	-	7.6	23.0	49	16	0
00	6	22	3	0	0	-	6.3	28.6	24	07	0
00	7	00	0	0	0	-	6	30	40	15	0
00	7	00	0	0	0	-	5.8	34.0	27	12	0
00	6	28	2	0	0	-	13.0	27.4	75	22	0
00	7	32	2	1	0	-	10.8	28.0	39	13	0
00	8	30	3	2	0	-	11.1	31.9	52	21	0
00	8	28	1	0	0	-	9.9	29.8	33	12	0
		32	3	1			9.2	28.2	73	23	0
00	8	28	1	0	0	-	6.3	27.0	77	23	0
00	8	00	0	0	0	-	7	26	84	23	0
00	8	04	1	0	0	-	6.4	28.0	66	21	0

At 0600 on MONDAY 27th

PRESENT WEATHER ww	VISIBILITY V.	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR PRESSURE M.S.L. mbs PPP	BAR PRESSURE Diff. from normal mbs	TEMPERATURE °C. Dry Bulb TT	MAXIMUM Yesterday T_1T_X	MAXIMUM Diff. from norm.	MINIMUM Today T_0T_N	MINIMUM Diff. from norm.	HUMIDITY % UU	DEW POINT °C	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct 1	RAINFALL mms. Norm From Oct 1
01	7	28	4	1	5	8	12.2		24.2	27		22		61	16	0		
00	8	27	1	1	2	6	12		22	27		19		69	16	0		
00	8	24	3	0	0	-	11.4		24.8	27		19		64	18	0	117	
02	7	32	2	1	8	8	11.6	-3.3	24.0	29	•	22	•	70	18	0	209	187
01	7	30	2	1	5	6	12		25	28		22		70	19	0	214	138
01	8	30	3	1	3	8	10.8	-3.3	25.2	29		22		72	20	0	85	106
01	7	31	2	1	5	6	11		25	29		24		74	20	0	56	81
																		94
01	7	28	3	1	3	8	11.2	-3.6	24.0	31	0	19	+1	81	20	0	105	101
00	8	04	1	0	0	-	11.4	-3.1	25.0	33	+1	19	•	72	20	0	73	55
																0	26	44
00	6	32	2	0	0	-	11.4	-3.5	23.0	34	+2	18	+1	61	15	0	36	27
00	7	02	2	0	0	-	11.6	-3.1	23.2	34		18		73	18	0	34	
00	6	26	1	0	0	-	10.7		25.8	34		22		72	21	0	21	
41	6	24	1	4	7	6	11		21	32		20		94	20	0		
05	6	02	1	2	3	6	11.2	-3.2	22.3	32		20		88	20	0	25	
03	7	00	0	2	10	8	11.5	-2.9	23.1	33	+1	21	+2	84	20	0	32	26
03	7	00	0	2	10	8	11.4	-3.1	22.6	32	+1	19	+2	86	20	0	31	27
01	6	30	3	1	3	8	11.0	-3.3	22.9	32	+1	20	+1	77	19	0	19	29
																	11	8
00	9	32	3	0	0	-	10.7		24.9	35		20		75	20	0	11	
00	7	01	4	1	1	8	11		23	32		20		74	18	0	12	
																	dr	4
00	8	00	3	0	0	-	9.0	-2.8	27.3	34		18		19	21	0	0	
00	8	22	3	0	0	-	8.8	-3.1	25.2	38	+1	23	+2	66	18	0	5	
00	8	19	1	0	0	-	8		28	37		22		42	14	0	dr	
00	7	00	0	0	0	-	9.1	-1.8	28.0	39	+1	23	0	53	17	0	dr	
																	0	
00	7	00	0	0	0	-	14.0	-2.2	22.0	34	0	18	+1	74	17	0	23	8
00	8	32	2	0	0	-	12.3	-2.9	22.4	32	-1	16	-1	67	16	0	18	7
00	8	00	0	0	0	-	10.8	-2.7	26.4	32	-3	19	-1	61	18	0	dr	
01	6	28	1	1	7	5	10.2	-3.0	24.2	32	0	22	+1	83	21	0	-	17
00	8	00	0	0	0	-	7.6	-3.3	27.6	31	+1	21	•	68	22	0	0	13
00	9	30	3	0	0	-	8		26	30		24		79	22	0	1	3
00	8	32	1	0	0	-	6.7	-4.3	29.4	30	-2	24	-1	54	19	0	0	4
																0	292	106
																0	4	
																0	4	27
																0	10	70
																0	81	162
																0	184	321
																0	409	393
																		510
																9	609	804
																0	521	365
																0	237	309
																	-	514
																0	877	817
																M	838	1086
																60	908	951

HUMIDITY

Mean for the day

STATION	on 26th	Diff. from normal
Alexandria	76	+9
Esbekiya	72	+7
Giza	74	+6
Helwan	71	+17

GIZA GRASS MINIMUM TEMP.

ON 27th 16.6°C

Remarks

UPPER AIR OBSERVATIONS on 26

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT ON 26th AT 14 30

HEIGHT FEET	PRESSURE mbs	DRY °C	WET °C	PRESSURE mbs
SURFACE	1000	31	26	SURFACE
500	982	29	22	1000
1000	964	29	20	950
1500	947	28	19	900
2000	930	26	19	850
4000	864	22	13	800
6000	801	18	9	700
8000	743	12	6	600
10000	688	10	0	500
12000	636	8	-2	400
14000	588	3	-3	300
16000	542	1	-3	250
18000				200
20000				150
				100

FAROUK AIRPORT RAWINSONDE ON AT

HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV

STATION	MATRUH		FOUAD A.P.		P. SAID		MINYA	
TIME	14		15 30		14 30		15	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV
200	350	7	290	11	340	11	20	9
500	350	10	310	13	320	9	10	24
1000	340	11	320	12	ENT. Sc.		10	30
1500	300	11					360	31
2000	300	9					360	35
3000	250	7					340	49
4000	260	13						
5000	260	13						
6000								
7000								
8000								

STATION												
TIME												
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200												
500												
1000												
1500												
2000												
3000												
4000												
5000												
6000												
7000												
8000												

UPPER AIR OBSERVATIONS on 27th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SAID		FAROUK AIRPORT		ALMAZA		HELWAN		MINYA		ASYUT		LUXOR		ASWAN		SIWA	
TIME			4	15	3	30							7	15	4				5	30	5		5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV			DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			280	15	350	12							340	9	360	31			340	6			360	16
500			280	13	340	8							10	10	10	30			350	8	360	14	360	15
1000			290	12	300	10							350	15	30	33			340	7	360	5	330	15
1500			310	9	290	11							20	3	360	35			190	12	200	5	310	24
2000			270	14	ENT. Sc.								190	12					200	19			310	23
3000													210	12					210	28			300	13
4000													230	10									240	21
5000													220	12									270	21
6000																								
7000																								
8000																								

STATION	BAHARIYA		DAKHLA		KHARGA		HURGHADA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME			5		5	45	8																	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			350	11	350	13	320	17																
500			10	16	360	15	320	13																
1000			360	20	360	18	120	3																
1500			350	16	360	13	180	8																
2000			350	23	250	3	200	19																
3000					210	11																		
4000																								
5000																								
6000																								
7000																								
8000																								

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Clouds	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Sandstorm	13
Slight Duststorm	18
Recognized Hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	35-39
Mist, Fog in last hour	41
Thunder	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
Funnel cloud, tow Rain	91
" with Rain	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Cloud, light cloud	0
Cirriform sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Past Thick Mist Haze	4
Drizzle	5
Rain	6
Snow, Sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 Kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Altostratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

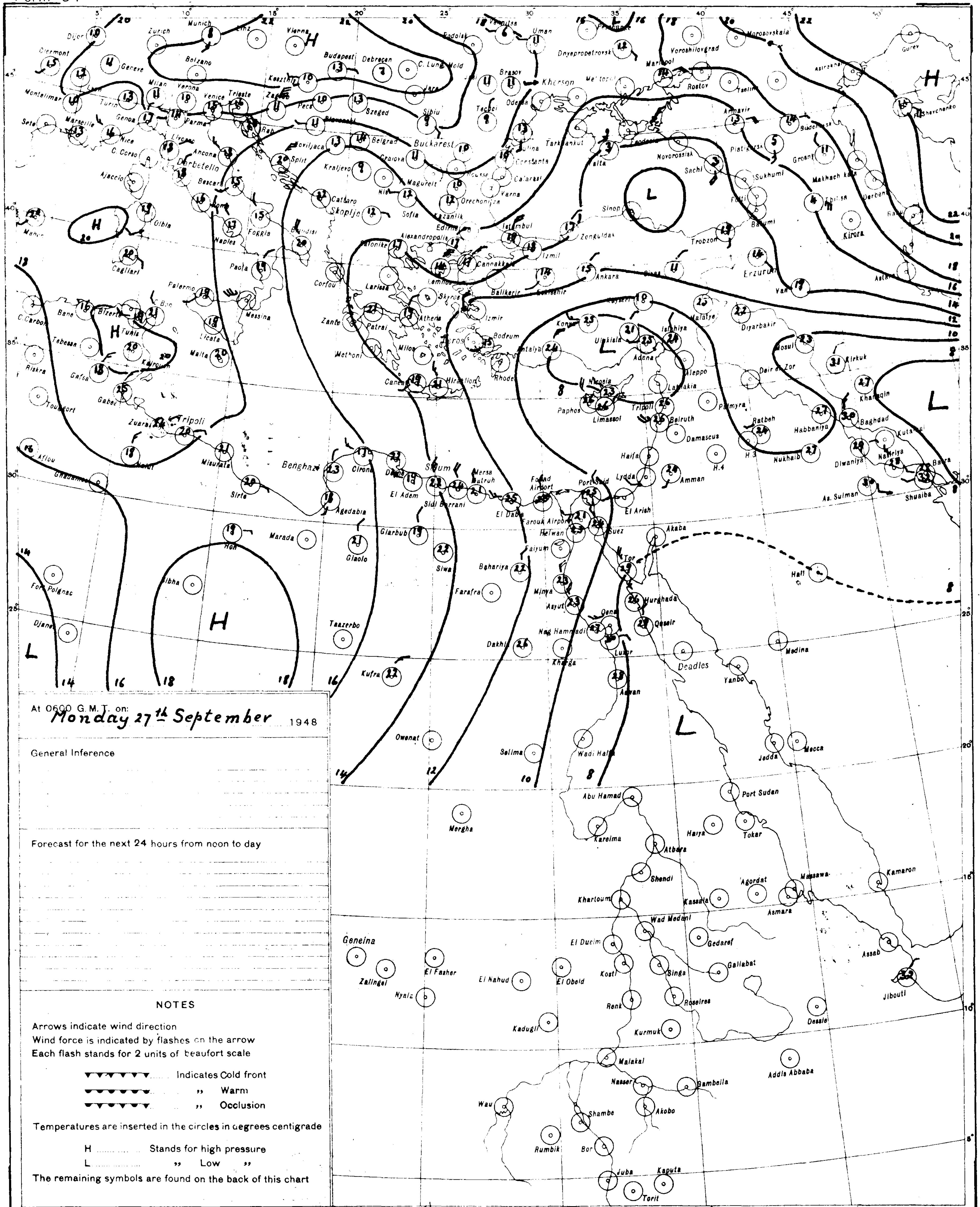
is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: *Monday 27th September* 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

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

Temperatures are inserted in the circles in degrees centigrade

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

The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 46 G.M.T.
" " Sunset 15 45 G.M.T

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

DAILY WEATHER REPORT

Date: TUESDAY 28th SEPTEMBER, 1948.

Form 91

At 1200 on MONDAY 27th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR PRESS M.S.L. mbs	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARANI	14	9	28	5	0	1	8	12.8	24.2	61	16	0
	160	MATRUH	00	8	27	5	6	1	8	12	27	55	17	0
	134	EL DABA	00	9	28	3	0	0	-	11.0	26.4	47	14	0
	132	ALEXANDRIA	01	9	28	2	2	5	8	11.6	27.2	57	18	0
	150	FOUAD (Airport)	00	7	30	3	0	6	8	11 4	27.	54	17	0
	159	DAMIETTA	01	8	28	3	1	3	8	10.8	25.8	65	19	0
	161	PORT SAÏD	00	8	31	4	0	1	6	11	26	66	19	0
	135	EL ARISH	00	9	28	4	0	0	-	10.0	27.6	88	26	0
LOWER EGYPT	136	DAMANHUR	31	7	32	3	1	5	8	11.4	28.0	55	18	0
	137	MANSURA	01	8	32	2	1	3	8	11.0	29.8	51	19	0
	138	TANTA	01	8	28	2	1	5	8	11.4	30.7	44	17	0
	139	ZAGAZIG	01	6	32	2	0	3	8	9.8	31.0	61	23	0
		SHIBIN EL KOM	00	8	28	3	0	1	8	10.8	31.8	37	16	0
		ISMAÏLIA	01	7	02	2	1	5	4	10.0	30.4	47	17	0
CAIRO AREA	928	FAROUK(Airport)	00	8	28	4	1	0	-	10	31	40	16	0
	141	ALMAZA												
		EZBEKÏYA	00	8	30	1	0	0	-	10.4	31.6	40	16	0
		GÏZA	00	8	30	1	0	0	-	10.3	30.1	40	15	0
	143	HELWÂN	00	8	24	5	0	0	-	9.9	30.0	31	11	0
UPPER EGYPT	153	FAIYÛM	00	8	32	3	0	0	-	9.5	31.4	26	09	0
		BENI SUEF	00	9	32	2	0	0	-	9.6	33.4	29	13	0
	162	MINYA	00	8	01	4	0	0	-	10	32	28	11	0
	155	ASYÛT												
	164	NAG' HAMMÂDI	00	8	24	1	0	0	-	7.6	33.6	33	15	0
	156	QENA	00	9	22	3	0	0	-	7.0	37.0	31	17	0
	157	LUXOR	00	8	21	2	0	0	-	7	36	22	11	0
	158	ASWÂN	00	9	02	1	0	0	-	6.4	36.7	25	15	0
OASES	148	SIWA	00	8	28	2	0	0	-	14.0	31.2	55	21	0
	149	BAHARÏYA												
		FARAFRA												
	152	DAKHLA	00	9	28	2	0	0	-	10.0	32.8	29	13	0
	151	KHARGA	00	9	32	2	0	0	-	8.8	33.4	18	06	0
RED SEA	144	SUEZ	00	8	28	3	0	0	-	8.4	31.1	42	16	0
	145	TOR	00	8	28	3	0	0	-	8.4	30.0	60	21	0
	163	HURGHÂDA	00	9	02	2	0	0	-	8	28	77	24	0
	147	QUSEIR												
	208	PORT SUDAN												
N SUDAN	165	WADI HALFA												
	166	KAREIMA												
	167	ATBARA												
	209	KHARTÛM												
	170	KASSALA												
C SUDAN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S SUDAN	176	MALAKAL												
	177	WAU												
	178	JUBA												

At 1800 on 27th

PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
ww	V	DD	F	W		C	PPP	TT	UU		
00	8	28	3	0	1	8		24.7	59	15	0
00	7	30	3	0	6	6		23	70	17	0
00	8	26	2	0	0	-		23.8	94	23	0
01	5	28	3	2	3	4	13.0	24.0	67	17	0
00	7	29	2	0	1	6	12.5	24	69	18	0
00	6	28	2	1	0	-	12.8	23.0	74	18	0
00	7	31	4	0	0	-	12.0	25	65	18	0
00	7	30	3	0	0	-	12.0	24.1	82	21	0
00	7	32	2	0	0	-	12.8	23.0	80	19	0
00	6	04	2	1	0	-	12.6	23.2	78	19	0
00	8	00	0	1	0	-	11.7	23.0	83	20	0
00	6	32	2	0	0	-	11.8	23.2	81	19	0
00	7	30	2	0	0	-	11.4	24.7	62	19	0
00	7	02	2	0	0	-	12.0	24.5	70	18	0
00	7	32	3	0	0	-	12	26	54	16	0
00	7	03	2	0	0	-	11.9	26.9	60	18	0
00	7	00	0	0	0	-	12.4	25.0	62	17	0
00	7	00	0	0	0	-	12.3	26.0	57	17	0
00	7	32	3	0	0	-	11.6	26.5	50	15	0
00	8	32	1	0	0	-	10.8	25.1	55	15	0
00	7	02	1	0	0	-	10.8	26.1	57	17	0
00	8	03	3	0	0	-	10	23	65	16	0
00	6	28	1	0	0	-	9.8	26.3	47	14	0
00	8	24	1	0	0	-	9.1	27.3	45	14	0
00	6	22	3	0	0	-	7.5	28.8	43	15	0
00	9	32	1	0	0	-	5.2	35.0	25	12	0
00	6	00	0	0	0	-	13.6	27.4	72	21	0
00	7	28	1	0	0	-	12.6	27.0	69	21	0
00	7	28	3	0	0	-	13.0	25.2	66	18	0
00	8	00	0	0	0	-	11.5	29.0	36	15	0
00	7	32	1	0	0	-	10.0	28.0	34	6	0
		32	2	0	0	-	10.3	26.0	63	18	0
00	8	28	1	0	0	-	9.1	27.7	70	21	0
00	8	30	2	0	0	-	9	28	62	20	0
00	8	30	2	0	0	-	7.8	27.7	72	22	0

At 0600 on TUESDAY 28th

PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. MAXIMUM Yesterday	MAXIMUM Diff. from norm.	MINIMUM Today	MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct 1	RAINFALL mms. Norm From Oct 1	STATION	AREA
ww	V	DD	F	W		C	PPP		TT	T_xT_x		T_nT_n		UU						
01	9	28	3	1	5	8	14.7		24.0	27		20		57	15	0			SIDI BARANI	MEDITERRANEAN
01	8	25	3	1	5	6	14		22	28		18		61	14	0			MATRUH	
01	8	24	3	1	5	8	13.4		23.5	27		17		56	15	0	117		EL DABA	
01	9	28	3	2	5	8	14.0	-1.0	25.0	29	0	22	0	60	17	0	209	187	ALEXANDRIA	
01	7	18	1	0	5	8	13.6		24	27		20		69	14	0	214	138	FOUAD (Airport)	
01	6	18	3	1	3	8	13.4	-0.8	23.2	27		17		86	20	0	85	106	DAMIETTA	
00	7	22	3	0	4	6	14		24	27		22		69	18	0	56	81	PORT SAÏD	
01	9	18	2	1	5	6	13.6	-0.5	24.9	29	0	19	0	68	18	0		94	EL ARISH	
00	6	24	2	0	0	-	14.4	-0.5	22.5	29	-2	18	-0	77	18	0	105	101	DAMANHÛR	LOWER EGYPT
01	7	30	1	1	3	6	14.3	-0.3	25.0	31	-1	18	-1	70	19	0	73	55	MANSURA	
00	8	04	1	0	0	-	14.8	-0.2	22.9	31	-1	16	-1	82	19	0	26	44	TANTA	
01	6	32	2	0	3	8	14.7	-0.3	26.0	33	+1	18	+1	76	21	0	36	27	ZAGAZIG	
00	7	02	2	0	4	8	14.1	-0.7	24.2	33		19		71	18	0	34		SHIBÎN EL KÔM	
00	7	00	0	0	0	-	13.6		24.4	32		20		65	19	0	21		ISMAÏLIA	
05	6	00	0	0	6	8	14		22	31		19		70	16	0			FAROUK(Airport)	CAIRO AREA
00	7	00	0	0	0	-	14.2	-0.3	24.6	31		18		73	19	0	25		ALMAZA	
00	7	00	0	0	1	8	14.6	+0.1	22.9	32		20	+1	74	18	0	32	26	EZBEKÏYA	
00	7	00	0	0	1	8	14.2	-0.4	23.5	31	0	17	0	74	19	0	31	27	GÏZA	
00	6	00	0	0	6	8	14.6	+0.2	22.1	30	-1	18	+1	74	17	0	19	29	HELWÂN	
00	8	32	2	0	0	-	14.8	+0.1	23.2	32	-1	19	0	73	18	0	11	8	FAIYÛM	UPPER EGYPT
00	7	02	1	0	0	-	14.7		24.1	34		17		72	19	0	11		BENI SUEF	
00	7	32	2	0	0	-	14		23	32		17		70	17	0	12		MINYA	
00	7	22	1	0	0	-	13.8	+0.5	24.0	33	+1	19	-1	60	16	0	dr	4	ASYÛT	
00	7	00	0	0	0	-	11.9	0.0	26.0	34		20		57	17	0	0		NAG' HAMMÂDI	
00	8	24	2	0	0	-	12.0	0.0	25.0	37	+1	22	+1	85	22	0	5		QENA	
00	8	21	1	0	0	-	12		27			21		40	12	0	dr		LUXOR	
00	7	02	3	0	0	-	11.5	+0.5	28.4	39	+1	24	+1	40	13	0	dr		ASWÂN	
00	7	32	1	0	0	-	17.5	+1.2	22.2	34	0	16	-1	76	18	0	23	8	SIWA	
00	8	32	1	0	0	-	14.8	-0.5	25.0	33	0	17	0	61	17	0	18	7	BAHARIYA	
00	8	26	2	0	0	-	15.2		23.3	32		18		70	17	0	-		FARAFRA	
00	8	28	2	0	0	-	15.0	+1.4	24.4	33	-2	19	-1	60	16	0	dr		DAKHLA	
00	9	32	1	0	0	-	12.8	0.0	25.0	34	-2	21	+1	40	11	0	0		KHARGA	
00	7	00	0	0	0	-	13.0	-0.4	24.2	33	+1	20	-2	69	18	0	-	17	SUEZ	RED SEA
00	8	28	3	0	0	-	11.0	0.0	27.0	32	+2	25	+4	64	19	0	0	13	TOR	
00	8	29	N	0	0	-	11		27	28		23		58	18	0	1	3	HURGHADA	
00	8	32	4	0	0	-	11.9	+0.8	28.5	31	-1	26	+1	63	20	0	0	4	QUSEIR	
																0	292	106	PORT SUDAN	
																0	4		WÂDI HALFA	N SUDAN
																0	4	27	KAREIMA	
																0	10	70	ATBARA	
																0	81	163	KHARTÛM	
																0	184	323	KASSALA	
																0	409	395	WAD MEDANI	C SUDAN
																		512	RENK	
																6	615	803	ROSEIRES	
																0	521	361	EL OBEID	
																0	237	310	EL FÂSHER	
																0		564	GENEINA	
																0	877	820	MALAKAL	S SUDAN
																0	838	1091	WAU	
																0	908	955	JUBA	

HUMIDITY

Mean of day

STATION	on 27th	Diff from normal
Alexandria	67	0
Ezbekiya	67	+2
Giza	66	-2
Helwân	60	+6

GIZA GRASS MINIMUM TEMP

ON 28th 12.8°C

Remarks

ALMAZA AEROPLANE ASCENT

ON 27th At 14 38

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C
SURFACE	1001	28	24
500	983	27	18
1000	965	26	17
1500	948	24	17
2000	931	23	16
4000	864	17	12
6000	802	13	7
8000	743	12	1
10000	688	8	-1
12000	636	6	-3
14000	588	0	-5
16000	542	-2	-6
18000			
20000			

FAROUK AIRPORT RAWINSONDE

ON 28th At 7

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					
250					
200					
150					
100					

UPPER AIR OBSERVATIONS on 27th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	MATRUH		P. SAÏD		MINYA	
TIME	14 30		14 30		15	
HEIGHT m.	DD	VV	DD	VV	DD	VV
200	310	16	320	12	360	21
500	300	21	310	12	350	25
1000	290	16	290	20	350	30
1500	300	20	290	26	340	25
2000	300	36			360	23
3000						
4000						
5000						
6000						
7000						
8000						

STATION						
TIME						
HEIGHT m.	DD	VV	DD	VV	DD	VV
200						
500						
1000						
1500						
2000						
3000						
4000						
5000						
6000						
7000						
8000						

UPPER AIR OBSERVATIONS on 28th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARANI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			4 15		3		4						7		4				7		5		5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			280	19	330	10	220	3					330	13	20	20			300	4	350	16	20	12
500			300	22	320	12	250	3					20	3	10	29			340	15	360	22	30	10
1000			310	17	320	13	320	1					330	7	360	26			330	12	360	10	360	5
1500			310	16	310	18	250	5					310	22	330	23			220	4	180	19	280	14
2000							240	15					290	13	300	25			300	4	180	14	300	16
3000							230	19													220	16	280	16
4000																					200	24		
5000																					170	30		
6000																								
7000																								
8000																								

STATION	BAHARÏYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME			5		5		8																	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			350	11	10	20	330	35																
500			10	16	10	19	320	30																
1000			10	20	350	16																		
1500			340	13	350	13																		
2000			350	18	260	3																		
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

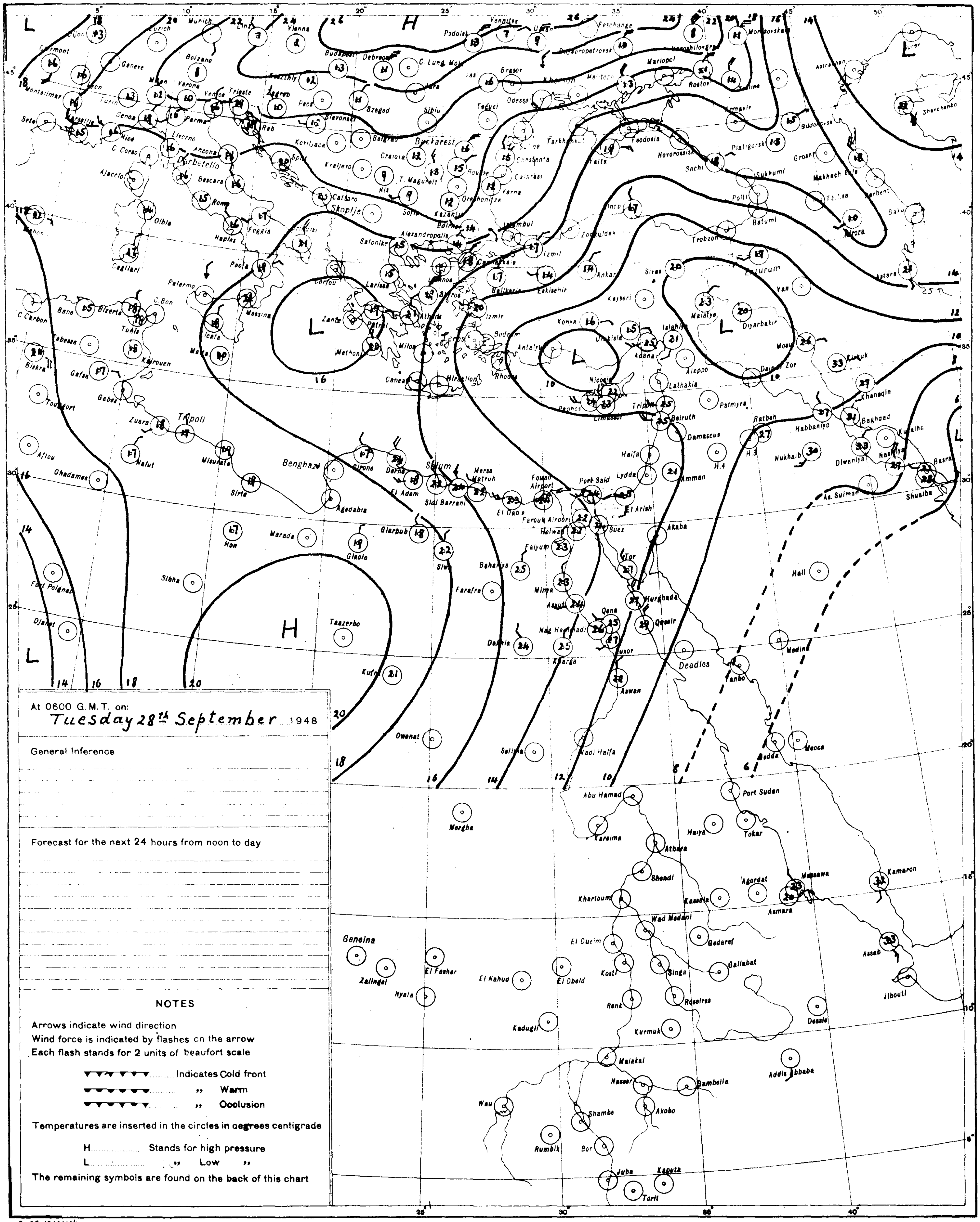
is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G. M. T. on:
Tuesday 28th September 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

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

Temperatures are inserted in the circles in degrees centigrade

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

The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 47 G.M.T.
" " Sunset 15 43 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

DAILY WEATHER REPORT

Date: WEDNESDAY 29 th SEPTEMBER , 1948.

Form 91

AREA	INDEX NUMBER	STATION	At 1200 on TUESDAY 28 th: PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR PRESS M.S.L. mbs	TEMP °C	HUMIDITY %	DEW POINT °C	RAIN 6-12 G.M.T. mms	At 1800 on 28 th: PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR PRESS M.S.L. mbs	TEMP °C	HUMIDITY %	DEW POINT °C	RAIN 12-18 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARANI	01	9	28	7	•	3	8	14.7	25.3	55	15	0	00	8	28	1	0	1	8	1M.6	23.4	68	17	•
	160	MATRUH	01	8	26	5	1	5	6	14	26	54	16	•	00	7	32	3	1	•	-	15	23	70	18	0
	134	EL DABA																								
	132	ALEXANDRIA	01	9	28	3	2	3	8	13.6	27.0	48	15	0	00	5	28	3	0	0	-	14.3	2M.0	61	16	•
	150	FOUAD (Airport)	01	8	26	3	0	3	8	13.9	27	52	16	0	01	7	28	3	1	5	6	1M.9	24	61	16	•
	159	DAMIETTA	01	8	28	3	1	5	8	13.0	26.5	5M	16	0	00	7	28	1	1	1	8	1M.0	23.0	7M	18	0
	161	PORT SA'ID	00	8	02	3	0	1	8	1M	28	55	18	0	00	7	02	2	0	0	-	1M	25.0	70	19	0
	135	EL 'ARISH	00	7	28	M	0	0	-	13.6	26.7	83	23	0	00	9	28	3	0	0	-	1M.0	25.1	80	21	0
LOWER EGYPT	136	DAMANHUR	00	7	28	3	0	2	8	1M.2	29.2	45	16	•	00	7	32	2	0	0	-	15.5	21.7	76	17	0
	137	MANSURA	01	8	0M	2	1	5	8	13.M	29.8	42	16	0	0M	6	0M	2	1	0	-	15.1	23.8	71	18	0
	138	TANTA	01	8	0M	2	1	3	8	13.9	30.0	41	15	0	00	8	32	1	1	•	-	1M.3	22.M	79	18	0
	139	ZAGAZIG	01	6	32	2	0	3	8	11.9	30.0	49	18	0	00	6	2M	2	0	0	-	12.7	25.2	78	21	0
		SHIBIN EL KOM	00	8	30	3	0	1	8	13.2	31.2	3M	13	0	00	7	02	2	0	0	-	1M.0	25.6	67	19	0
		ISMAILIA	01	8	26	1	1	5	6	12.M	30.5	41	15	0	00	7	02	1	0	•	-		25.0	65	18	0
CAIRO AREA	928	FAROUK (Airport)	00	7	26	M	0	2	8	1M	28	M8	16	0	00	7	32	M	0	0	-	13	25	53	15	0
	141	ALMAZA	01	7	02	2	•	3	8	12.9	28.1	47	17	•	00	7	02	3	0	0	-	1M.2	25.8	56	16	•
		EZBEKIYA	00	8	30	2	0	1	8	13.1	29.2	MM	15	0	00	7	32	1	0	•	-	1M.M	25.0	M9	13	•
		GIZA	00	8	30	2	0	1	8	13.1	29.0	M0	1M	0	00	7	32	1	0	0	-	1M.M	25.0	M9	13	0
	143	HELWAN	00	8	28	M	0	1	8	12.7	27.9	M0	13	0	00	7	30	3	0	•	-	1M.2	25.5	M6	13	•
UPPER EGYPT	153	FAIYUM	01	8	02	3	1	3	8	12.6	29.M	MM	15	0	00	8	30	2	•	1	8	13.M	2M.0	71	18	0
		BENI SUEF	00	9	02	1	0	0	-	12.8	31.M	M2	17	0	00	9	30	1	0	0	-	13.1	26.0	57	17	0
	162	MINYA	00	8	02	M	0	1	8	12	31	38	15	0	00	7	02	2	0	0	-	1M	2M	57	15	0
	155	ASYUT	00	8	28	1	0	0	-	11.M	30.0	36	13	0	00	6	30	1	0	0	-	13.M	2M.6	52	16	0
	164	NAG' HAMMADI	00	8	28	1	0	0	-	10.3	32.M	38	16	0	00	8	2M	1	0	0	-	9.9	26.2	5M	16	0
	156	QENA	00	9	2M	2	0	0	-	8.6	36.0	31	16	0	00	6	2M	2	0	0	-	9.9	28.0	MM	15	0
	157	LUXOR	00	8	28	1	0	0	-	9	36	2M	12	0	00	7	00	0	0	0	-	9	30	33	12	0
	158	ASWAN	00	9	02	2	0	0	-	8.6	36.7	23	12	0	00	9	02	2	0	0	-	8.6	3M.0	25	11	0
OASES	148	SIWA	00	8	20	2	0	•	-	16.3	31.5	M7	19	0	00	6	00	0	0	0	-	15.6	26.0	63	18	•
	149	BAHARIYA	01	8	32	2	1	5	M	13.1	31.2	3M	13	0	00	7	28	1	1	0	-	1M.6	25.2	M3	11	•
		FARAFRA	00	8	02	1	0	0	-	1M.2	31.8	56	22	0	00	7	32	2	0	0	-	1M.M	2M.7	6M	18	0
	152	DAKHLA	00	9	28	3	0	0	-	12.1	31.6	30	13	0	00	8	00	0	0	0	-	13.5	28.M	M0	13	0
	151	KHARGA	00	9	32	1	•	0	-	11.M	32.5	23	09	0	00	7	32	1	•	•	-	12.M	27.6	28	08	0
RED SEA	144	SUEZ	00	8	32	3	0	0	-	12.8	29.3	33	13	0	00		00	0	0	0	-	12.8	25.8	53	15	•
	145	TOR	00	8	28	5	•	•	-	9.6	28.0	5M	18	0	00	8	28	2	0	•	-	10.3	29.5	29	10	•
	163	HURGHADA	00	8	32	M	•	•	-	10	28	62	20	0	00	8	26	1	0	0	-	11	26	37	10	•
	147	QUSEIR	00	8	02	2	0	0	-	9.6	30.M	63	22	0	00	8	32	2	0	0	-	10.3	27.8	58	19	•
	208	PORT SUDAN																								
NORTH SUDAN	165	WADI HALFA																								
	166	KAREIMA																								
	167	'ATBARA																								
	209	KHARTUM																								
	170	KASSALA																								
CENTRAL SUDAN	171	WAD MEDANI																								
	182	RENK																								
	172	ROSEIRES																								
	174	EL OBEID																								
	175	EL FASHER																								
	179	GENEINA																								
SOUTH SUDAN	176	MALAKAL																								
	177	WAU																								
	178	JUBA																								

HUMIDITY

Mean of day

STATION	on 28 th	Diff. from normal
Alexandria	64	- 3
Ezbekiya	56	- 9
Giza	56	- 12
Helwan	56	+ 2

GIZA
GRASS MINIMUM TEMP
ON 29 th 12.0°C

Remarks

UPPER AIR OBSERVATIONS on 28 th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA
AEROPLANE ASCENT
ON 29 th AT H

HEIGHT FEET	PRESSURE mbs	DRY °C	WET °C
SURFACE			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT
RAWINSONDE
ON 29 th AT H

PRESSURE mbs	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		18	86	270	3
1000	452	18	85	270	3
950					
900	3M10	15	55	320	12
850	5000	15	25	310	19
800	6670	13	15	310	11
700	10330	11	-	250	16
600	14480	2	-	250	23
500	19210	-7	-	240	24
400					
800	31650	-32	-	250	66
250					
200					
150					
100					

STATION	MATRUH		FOUAD A.P		PORT SAID		MINYA	
TIME	14		15 15		15		15	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV
200	320	14	330	14	350	9	20	18
500	330	18	320	13	320	9	10	19
1000	300	15	320	14	290	9	10	30
1500	290	23	300	14	240	13	360	28
2000	270	24	Ent Co				350	29
3000	300	24						
4000								
5000								
6000								
7000								
8000								

STATION																
TIME																
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200																
500																
1000																
1500																
2000																
3000																
4000																
5000																
6000																
7000																
8000																

Printed by the Survey of Egypt 1948 (48/195)

At 0600 on WEDNESDAY 29 th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs	BAR. PRESSURE Diff. from normal mbs	TEMPERATURE °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from norm.	MINIMUM Today	MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C	RAINFALL mms. Past 24 hrs	RAINFALL Total From 1 Oct	RAINFALL Norm From Oct 1	STATION	AREA
			ww	V	DD	F	W		C	PPP		TT	T_xT_x		T_nT_n		UU						
MEDITERRANEAN		SIDI BARANI	01	9	20	1	•	5	8	16.3		23.1	27		17		63	15	0			SIDI BARANI	MEDITERRANEAN
		MATRUH	00	8	27	N	•	1	8	16		22	28		17		69	16	0			MATRUH	
		EL DABA																	0	117		EL DABA	
		ALEXANDRIA	01	9	28	2	1	3	8	16.M	+1.M	25.0	29	•	21	-1	6•	17	0	209	187	ALEXANDRIA	
		FOUAD (Airport)	00	7	29	2	0	0	-	16.1		25	28		22		5M	15	0	21M	138	FOUAD (Airport)	
		DAMIETTA	00	7	20	1	1	1	8	15.M	+1.1	2M.9	28		17		68	19	0	85	106	DAMIETTA	
		PORT SA'ID	00	7	26	3	0	2	6	16		25	28		2M		61	17	0	56	81	PORT SA'ID	
		EL 'ARISH	00	9	16	3	0	2	8	15.9	+1.7	26.2	28	-1	19	•	70	2•	•		94	EL 'ARISH	
LOWER EGYPT		DAMANHUR	01	7	2M	2	•	3	8	16.6	+0.9	22.0	30	-1	17	-1	7M	17	0	105	101	DAMANHUR	LOWER EGYPT
		MANSURA	00	8	2M	1	0	0	-	16.3	+1.6	2M.0	32	•	17	-2	67	17	•	73	55	MANSURA	
		TANTA	00	8	0•	•	•	0	-	16.8	+1.7	2M.0	31	-1	1M	-3	83	18	0	26	1M	TANTA	
		ZAGAZIG	00	6	32	2	•	0	-	16.6	+1.5	25.2	31	-1	17	•	7M	2•	0	36	27	ZAGAZIG	
		SHIBIN EL KOM	00	7	30	2	•	•	-			2M.M	33		18		67	18	0	3M		SHIBIN EL KOM	
		ISMAILIA										25.0	65		18				0	21		ISMAILIA	
CAIRO AREA	928	FAROUK (Airport)	00	7	00	0	0	0	-	17		22	30		18		69	16	0			FAROUK (Airport)	CAIRO AREA
	141	ALMAZA	00	7	00	•	0	0	-	16.M	+1.8	22.•	30		17		7M	16	0	25		ALMAZA	
		EZBEKIYA	00	7	30	1	0	0	-	16.7	+2.1	21.8	30	-2	19	0	73	17	0	32	26	EZBEKIYA	
		GIZA	00	7	30	1	0	0	-	16.M	+1.7	22.6	30	-1	1M	-1	69	17	0	31	27	GIZA	
		HELWAN	00	6	30	2	•	0	-	16.6	+2.0	22.1	29	-2	18	+1	66	15	0	19	29	HELWAN	
UPPER EGYPT		FAIYUM	00	8	32	2	0	0	-	16.8	+2.0	23.0	31	-2	18	-1	68	17	0	11	8	FAIYUM	UPPER EGYPT
		BENI SUEF	00	9	28	1	0	0	-	16.3		2M.9	32		16		6M	18	0	11		BENI SUEF	
		MINYA	00	7	31	1	•	0	-	16		22	31		17		69	16	0	12		MINYA	
		ASYUT	00	7	22	1	0	0	-	16.0	+2.6	2M.2	32	0	17	-1	59	15	0	dr	M	ASYUT	
		NAG' HAMMADI	00	8	2M	1	0	0	-	1M.6	+2.6	27.6	33		20		52	17	0	0		NAG' HAMMADI	
		QENA	00	8	2M	2	0	0	-	1M.2	+2.1	25.0	37	0	21	•	61	17	0	5		QENA	
		LUXOR	00	8	32	2	0	0	-	1M		27	37		23		M5	1M	0	dr		LUXOR	
		ASWAN	00	9	32	3	0	0	-	13.M	+2.3	27.5	37	-1	2M	+1	50	16	0	dr		ASWAN	
OASES		SIWA	00	7	00	0	0	0	-	18.9	+3.5	20.5	32	-2	17	+1	66	13	0	23	8	SIWA	OASES
		BAHARIYA	00	8	32	1	0	0	-	16.M	+1.2	21.0	32	-1	16	-1	72	16	0	18	7	BAHARIYA	
		FARAFRA	00	8	18	1	0	0	-	16.8		23.8	33		17		M0	10	0	-		FARAFRA	
		DAKHLA	00	8	00	0	0	0	-	16.6	+2.0	25.6	32	-3	19	-1	56	16	0	dr		DAKHLA	
		KHARGA	00	9	02	1	0	0	-	15.1	+2.2	25.6	3M	-2	22	+2	M5	13	0	0		KHARGA	
RED SEA		SUEZ	00	6	00	0	0	0	-	15.0	+1.5	22.8	31	-1	18	-3	76	18	0	-	17	SUEZ	RED SEA
		TOR	00	8	28	2	0	0	-	1M.3	+2.1	27.2	31	+1	20	-1	6•	19	0	0	13	TOR	
		HURGHADA	00	9	30	M	0	0	-	13		26	29		21		62	18	0	1	3	HURGHADA	
		QUSEIR	00	9	3•	M	0	0	-	12.M	+1.2	28.0	3•	-1	25	0	57	19	0	0	M	QUSEIR	
		PORT SUDAN	01	8	30	3	1	5	M	9		31			2M		59	22	0	292	106	PORT SUDAN	
NORTH SUDAN		WADI HALFA																	0	6		WADI HALFA	NORTH SUDAN
		KAREIMA	00	8	02	3	0	0	-	10		27			26		22	03	0	6	27	KAREIMA	
		'ATBARA	00	8	32	1	1	2	M	10		35			28		20	09	0	10	70	'ATBARA	
		KHARTUM	01	8	28	1	1	5	2	10		30			2M		2M	06	0	81	163	KHARTUM	
		KASSALA	01	8	16	2	1	5	2	10		30			26		55	20	0	184	32M	KASSALA	
CENTRAL SUDAN		WAD MEDANI	02	7	20	3	1	10	1	10		28					58	19	0	409	396	WAD MEDANI	CENTRAL SUDAN
		RENK	01	9	20	3	1	7	1	11		23					66	22	0		5M	RENK	
		ROSEIRES	02	6	16	2	2	10	7.5	10		2M					8M	21	0	615	307	ROSEIRES	
		EL OBEID	00	8	26	2	1	2	M	11		27			22		M5	1M	0	521	367	EL OBEID	
		EL FASHER	01	8	00	0	0	7	6M			25			18		M2	11	0	237	310	EL FASHER	
		GENEINA	00	8	26	1	1	1	M			21					7M	16	0		565	GENEINA	
SOUTH SUDAN		MALAKAL	02	8	12	3	8	10	6M			22							6	877	823	MALAKAL	SOUTH SUDAN
		WAU	02	8	00	0	1	8	M1	12		23			21		8M	2•	0	838	1096	WAU	
		JUBA																	0	968	957	JUBA	

UPPER AIR OBSERVATIONS on 29 th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SAID		FAROUK AIRPORT		ALMAZA		HELWAN		MINYA		ASYUT		LUXOR		ASWAN		SIWA	
TIME			4				3 30						7 30		3				6		5		5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			340	14	340	15	280	5					320	10	20	24			340	13	360	10	100	12
500			330	12	350	16	210	2					360	10	360	17			340	15	360	22	70	12
1000			330	13	360	21	260	6					340	12	350	24			340	18	10	19	50	10
1500			350	26			310	6					320	13	340	29			280	6	200	10	70	12
2000			340	25									300	10	320	25					170	8		
3000			340	16									230	9	350	21					230	19		
4000			360	16																				
5000			10	25																				
6000																								
7000																								
8000																								

STATION	BAHARIYA		DAKHLA		KHARGA		HURGHADA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME			5		5 30		10										3 15							
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			30	2	20	16	100	27																
500			30	10	20	22	340	38									200	15						
1000			20	13	10	19	320	42									220	15						
1500			350	14	340	21	300	23									50	5						
2000							320	25																
3000							300	26																
4000																								
5000																								
6000																								
7000																								
8000																								

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	15
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

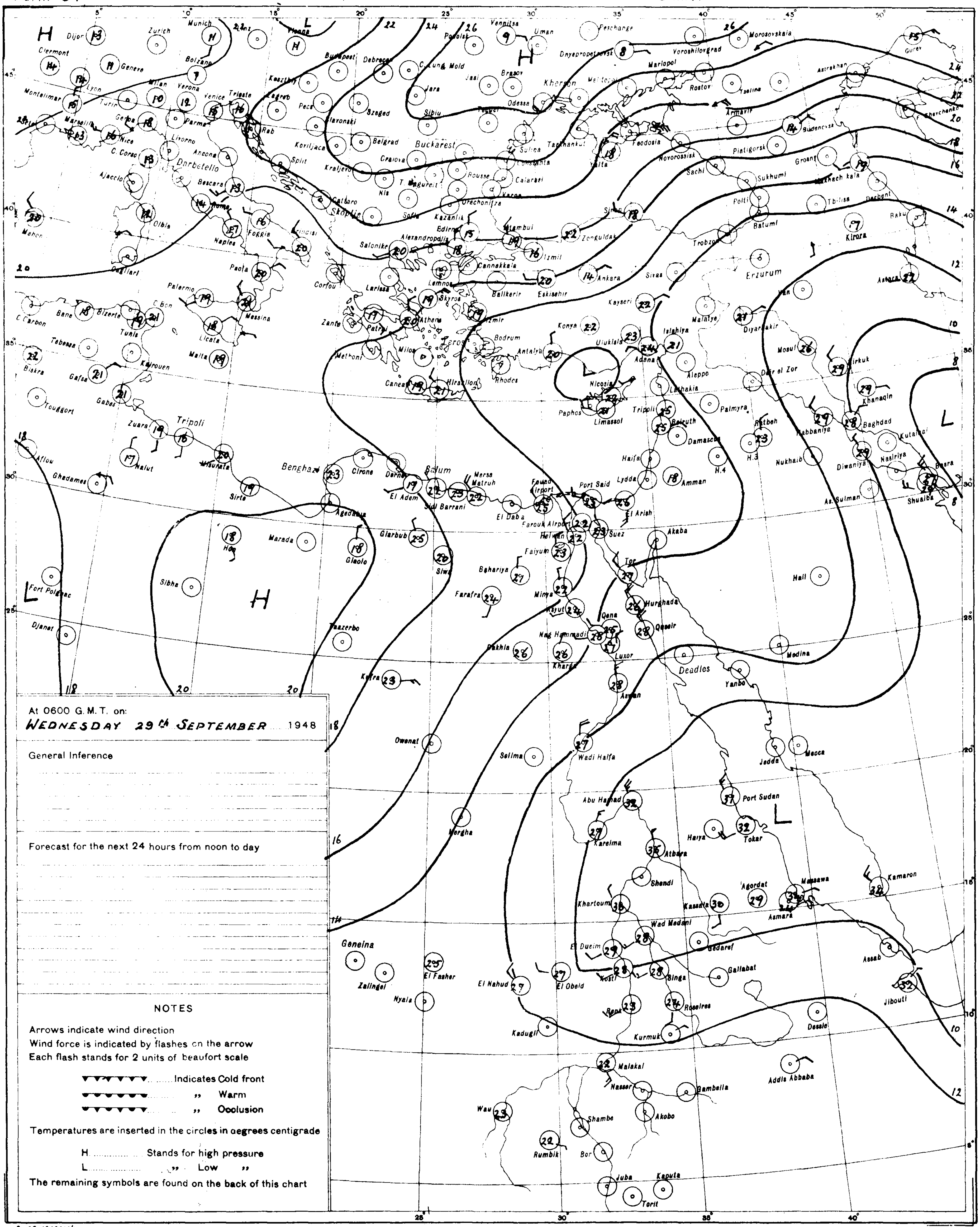
	K.P.H. Force	
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G. M. T. on:
WEDNESDAY 29th SEPTEMBER 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

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

Temperatures are inserted in the circles in degrees centigrade

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

The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 47 G.M.T.
" " Sunset 15 42 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: THURSDAY 30th SEPTEMBER, 1948.

At 1200 on WEDNESDAY 29th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARANI	00	9	20	2	0	1	8	16.6	25.2	55	15	0
	160	MATRÛH	00	8	01	4	0	6	6	17	26	55	16	0
	134	EL DABA	00	8	28	3	0	0	-		25.7	56	16	0
	132	ALEXANDRIA	01	7	02	2	2	5	8	15.8	26.6	48	15	0
	150	FOUAD (Airport)	00	7	29	2	0	2	8	15.7	27	52	16	0
	159	DAMIETTA	01	8	28	3	1	3	8	15.1	26.2	60	19	0
	161	PORT SAÎD	00	8	32	3	0	1	8	15	27	55	17	0
	135	EL ARISH	00	9	30	4	0	0	-	15.0	26.7	91	25	0
Lower Egypt	136	DAMANHUR	01		32	3	1	5	8	15.5	28.0	49	16	0
	137	MANSURA	01	8	02	2	1	5	8	15.0	29.0	49	17	0
	138	TANTA	01	8	24	3	1	5	8	15.5	28.4	48	16	0
	139	ZAGAZIG	01	6	32	3	0	7	8	15.0	30.5	53	19	0
		SHIBÎN EL KÔM	01	8	02	3	1	5	8		33.1	33	15	0
		ISMAÎLÎA	01	7	26	2	1	5	4	14.4	30.0	36	13	0
Cairo Area	828	FAROUK (Airport)	01	7	02	3	1	5		15	27	60	19	0
	141	ALMÂZA												
		EZBEKÎYA	00	8	02	2	0	1	8	14.6	28.6	46	16	0
		GÎZA	00	8	02	2	0	1	8	14.8	28.6	42	15	0
	143	HELWÂN	00	8	30	4	0	6	8	14.2	28.2	38	12	0
Upper Egypt	153	FAIYÛM	00	8	30	3	0	0	-	14.3	29.5	37	14	0
		BENI SUEF	00	9	28	1	0	0	-	14.0	31.2	33	13	0
	162	MINYA	00	8	02	4	0	0	-	14	31	31	12	0
	155	ASYÛT	00	8	20	2	0	0	-	13.0	30.0	31	11	0
	164	NAG HAMMÂDI	00	6	24	2	0	0	-	11.8	31.6	35	15	0
	156	QENA	00	9	24	4	0	0	-	10.2	34	34	16	0
	157	LUXOR	00	8	30	2	0	0	-	11	33	24	10	0
	158	ASWÂN	00	9	32	3	0	0	-	10.2	34.?	29	13	0
Oases	148	SIWA	00	8	12	2	0	0	-	17.1	32.2	53	21	0
	149	BAHARÎYA	01	8	32	1	1	3	4	14.8	30.4	34	12	0
		FARAFRA												
	152	DAKHLA	00	9	28	4	0	0	-	14.1	31.4	35	14	0
	151	KHARGA	00	9	32	3	0	0	-		32.1	17	4	0
Red Sea	144	SUEZ	00	8	32	2	0	0	-	12.8	28.9	42	15	0
	145	TÔR	00	7	28	5	0	0	-	11.6	28.8	50	17	0
	163	HURGHÂDA	00	9	02	4	0	0	-	11	28	62	20	0
	147	QUSEIR	00	8	02	3	0	0	-	11.1	29.6	62	22	0
	208	PORT SÛDÂN	02	8	06	4	1	8	2	7	34	53	23	0
North Sûdân	165	WADI HALFA												
	166	KAREIMA	01	8	02	2	1	5	4	5	41			0
	167	ATBARA	02	8										
	209	KHARTÛM	01	8	28	1	2	5		4	41			0
	170	KASSALA												
Central Sûdân	171	WAD MEDANI			20	2	1	3						●
	182	RENK	00	8	20	2	2	10		10	26	79	22	0
	172	ROSEIRES	00	8	20	2	1	2	4	8				●
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA	02	8	12	3	1	8	8.4		34	25	11	0
S. Sûdân	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 1800 on 29th

Station	ww	V	DD	F	W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 12-18 G.M.T. mms
SIDI BARANI	01	8	28	1	0	3	8	17.2	22.8	61	15	0
MATRÛH	01	7	28	3	0	3	6	17	22	61	15	0
EL DABA	00	7	28	2	0	0	-		23.8	61	16	0
ALEXANDRIA	01	5	02	1	2	3	4	17.0	23.6	66	17	0
FOUAD (Airport)	00	7	00	0	0	1	6	16.9	21	74	16	0
DAMIETTA	00	6	30	1	1	1	8	15.9	22.8	74	18	0
PORT SAÎD	00	7	03	3	0	6	6	16	25	65	18	0
EL ARISH	00	9	02	3	0	0	-	15.4	24.2	96	23	0
DAMANHUR	00	7	32	2	0	0	-	16.6	22.0	70	16	0
MANSURA	00	6	32	2	1	0	-	16.7	23.0	70	17	0
TANTA	01	8	20	0	1	5	8	16.8	24.2	72	19	0
ZAGAZIG	00	6	24	2	0	0	-	14.8	23.2	83	20	0
SHIBÎN EL KÔM	00	7	02	2	0	0	-		25.2	66	18	0
ISMAÎLÎA	00	7	04	1	0	0	-	15.5	24.2	66	17	0
FAROUK (Airport)	01	7	32	4	0	5	6		23	68	18	0
ALMÂZA	01	7	02	4	0	3	6	15	25	70	19	0
EZBEKÎYA	00	7	32	2	0	0	-	15.9	23.9	68	18	0
GÎZA	00	7	32	2	0	0	-	15.4	24.2	66	12	0
HELWÂN	00	7	30	4	0	0	-	15.2	24.7	61	17	0
FAIYÛM	00	8	32	1	0	0	-	14.6	27.7	40	13	0
BENI SUEF	00	9	02	1	0	0	-	14.8	23.8	60	16	0
MINYA	00	7	01	2	0	0	-	15	22	65	15	0
ASYÛT	00	6	26	1	0	0	-	14.4	26.3	47	14	0
NAG HAMMÂDI	00	8	00	0	0	0	-	12.8	24.8	61	17	0
QENA	00	6	24	2	0	0	-	11.7	27.8	37	12	0
LUXOR	00	7	00	0	0	0	-	12	27	42	13	0
ASWÂN	00	9	32	2	0	0	-	10.6	32.5	31	13	0
SIWA	00	6	00	0	0	0	-	15.5	26.8	74	22	0
BAHARÎYA	00	7	32	1	1	0	-	15.5	26.0	45	13	0
FARAFRA	00	7	32	2	0	0	-	15.6	24.8	29	6	0
DAKHLA	00	8			0	0	-	18.5	23.0	44	15	0
KHARGA	00	7	30	1	0	0	-	12.8	27.3	27	06	0
SUEZ	00		02	3	0	0	-	14.0	25.1	66	18	0
TÔR	00	7	28	3	0	0	-	11.4	28.8	34	11	0
HURGHÂDA	00	8	29	1	0	0	-	12	26	62	18	0
QUSEIR	00	8	30	2	0	0	-	11.4	27.0	56	17	0
PORT SÛDÂN												
WADI HALFA to JUBA												

At 0600 on THURSDAY 30th

Station	ww	V	DD	F	W	Cloud Amount 0-10	Cloud Form C	Bar. M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Max. Yesterday TxTx	Diff. from norm.	Min. Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1
SÎDI BARÂNI	00	9	20	1	0	1	8	17.2		19.1	26		13		77	15	0		
MATRÛH	00	8	24	3	0	2	6	18		22	27		16		69	16	0		
EL DABA	01	8	24	2	1	5	8			24.0	28		15		60	16	0	117	
ALEXANDRIA	01	9	28	2	2	5	8	17.1	+1.9	24.1	28	-1	21	-1	57	15	0	209	187
FOUAD (Airport)	01	8	30	2	1	5	8	17.0		24	29		18		61	16	0	214	138
DAMIETTA	01	8	18	1	1	3	8	16.4	+2.1	24.9	27		17		62	17	0	85	106
PORT SAÎD	00	7	29	3	1	2	6	16		24	28		22		65	17	0	56	81
EL ARISH	01	9	16	2	1	3	8	15.8	+1.5	26.2	29	0	18	-1	68	20	0		94
DAMANHÛR	01	6	24	2	1	5	8	17.1	+2.0	22.2	30	-1	18	0	76	18	0	105	101
MANSÛRA	00	8	04	1	0	0	-	16.6	+1.8	24.0	32	0	17	0	66	17	0	73	55
TANTA	00	8	00	0	0	0	-	17.0	+1.8	20.4	30	-2	15	-2	83	17	0	26	44
ZAGAZIG	00	6	28	2	0	0	-	16.7	+1.5	25.5	32	0	18	+1	75	21	0	36	27
SHIBÎN EL KÔM	00	7	02	2	0	0	-			22.3	34		17		72	17	0	34	
ISMAÎLÎA	00	7	32	1	0	0	-	15.8		24.9	31		19		61	17	0	21	
FAROUK (Airport)	01	7	00	0	0	3	6	16		22	30		19		70	16	0		
ALMÂZA	01	7	00	0	0	5	6	16		22	29		19		74	17	0	25	
EZBEKÎYA	00	7	28	1	0	0	-	16.8	+2.1	21.8	30	-2	19	0	74	17	0	32	26
GÎZA	00	7	28	1	0	0	-	16.6	+1.8	22.0	30	-1	17	0	74	17	0	31	27
HELWÂN	00	7	32	3	0	6	8	16.7	+2.0	22.1	29	-2	18	+1	71	16	0	19	29
FAIYÛM	00	8	02	2	0	0	-	17.1	+2.2	23.2	30	-3	18	-1	69	17	0	11	8
BENI SUEF	00	9	02	1	0	0	-	16.6		23.4	32		16		70	17	0	11	
MINYA	05	6	01	3	0	0	-	16		22	31		16		74	17	0	12	
ASYÛT																		tr	4
NAG HAMMÂDI	00	8	24	2	0	0	-	14.0	+1.9	26.0	32		19		48	14	0	0	
QENA	00	9	24	2	0	0	-	13.6		24.3	36	-1	21	+1	55	14	0	5	
LUXOR	00	8	00	0	0	0	-	14		27	34		20		42	13	0	tr	
ASWÂN	00	9	32	4	0	0	-	13.1	+1.9	27.5	36	-2	22	-1	44	14	0	tr	
SIWA	00	7	00	0	0	0	-	17.5	+1.0	21.5	33	-1	15	-1	72	17	0	23	8
BAHARIYA	00	8	32	1	1	0	-	17.0	+1.5	22.0	32	0	16	-1	74	17	0	18	7
FARAFRA	00	8	08	1	0	0	-	16.7		24.8	33		17		43	11	0	-	
DAKHLA	00	8	28	4	0	0	-	16.0	+2.2	23.6	32	-3	18	-1	56	14	0	tr	
KHARGA	00	9	32	2	0	0	-	15.0	+2.4	25.1					46	13	0	0	
SUEZ	00	6	32	2	0	1	8	15.4	+1.8	23.0	30	-2	20	-1	74	18	0	-	17
TOR	00	7	28	2	0	0	-			26.5	30	0	20	-1	53	16		0	13
HURGHADA	00	9	30	5	0	0	-	13		25	28		19		65	18	0	1	3
QUSEIR	00	8	32	5	0	0	-	11.8	+0.5	27.3	30	-2	24	-1	59	18	0	0	4
PORT SUDAN	01	8	30	1	1	5	4	9		31			27		59	22	0	292	106
WÂDI HALFA																	0	6	
KAREIMA																	0	6	27
ATBARA	00	8	20	2	1	1		8		28			27		45	15	0	10	70
KHARTÛM	01	8	14	1	9	5	4			28							tr	21	164
KASSALA	00	8	16	2	0	6	4,2	10		28			26		62	20	0	184	325
WAD MEDANI	01	9	16	3	9	5		10		28					84	23	tr	409	397
RENK																	0		516
ROSEIRES																	0	615	808
EL OBEID	01	8	22	4	1	7	4	9		27					52	16	0	521	368
EL FÂSHER																	0	237	310
GENEINA																	0	-	565
MALAKAL																	0	877	826
WÂU																	0	838	1101
JUBA																	0	908	963

HUMIDITY — Mean of day

Station	on 29th	Diff. from normal
Alexandria	61	-6
Ezbekîya	64	-1
Gîza	63	-5
Helwân	60	+6

GIZA
GRASS MINIMUM TEMP
ON 30th 11.9°C

Remarks

UPPER AIR OBSERVATIONS on 29th
DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT — ON ... AT ...

Height Feet	Pressure mbs.	Dry °C	Wet °C
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT — RAWINSONDE — ON 30th AT 5

Pressure mbs.	Height Feet	Temp °C	Humidity %	Wind DD	Wind VV
Surface		24	64	30	5
1000	460	23	65	30	5
950					
900	3410	14	85	10	10
850	4990	16	25	340	13
800	6660	16	-	280	8
700	10300	10	-	260	16
600	14420	1	-	220	26
500	19170	-4	-	240	55
400					
300	31650	-32	-	240	60
250					
200					
150					
100					

Station	MATRUH		PORT SAÎD		MINYA	
Time	14 30		16 45		15	
Height m.	DD	VV	DD	VV	DD	VV
200	350	5	20	10	20	14
500	340	8	20	10	10	17
1000	300	15	20	7	10	26
1500	300	14	40	9	10	23
2000	290	15			360	21
3000	270	29				
4000	300	35				
5000						
6000						
7000						
8000						

UPPER AIR OBSERVATIONS on 30th
DD Direction of wind in degrees East of North. VV Velocity in knots.

Station	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÎD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
Time			4 15		3 30		3 30		5				8		3				5 45		5		5	
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			280	8	330	6	320	5	10	9			360	7	260	30			340	9	350	19	100	4
500			300	7	330	6	330	4	10	9			340	3	20	27			350	14	350	24	20	10
1000			330	6	340	7	ENT. Sc.		10	9			360	10	360	24			360	16	10	5	340	9
1500			310	5	280	11			340	12					340	26			340	18	320	5	340	12
2000			300	13					270	6					340	47					260	10	330	10
3000			300	11					260	14											270	19	280	18
4000																							300	21
5000									220	36														
6000									240	52														
7000																								
8000																								

Station	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
Time			5		5 30		7 45																	
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			350	5	10	20	330	29																
500			20	5	360	31	320	24																
1000			10	13	360	34	320	19																
1500			330	23	350	28	270	17																
2000			340	21	330	10	250	22																
3000					240	23	230	16																
4000																								
5000																								
6000																								
7000																								
8000																								

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Printed by the Survey of Egypt 1948 (48/195)

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on:
THURSDAY 30th SEPTEMBER 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

Eng. Cen
Septem

CAIRO
Time of Sunrise 03 48 G.M.T
" " Sunset 15 41 G.M.T

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

DAILY WEATHER REPORT

Date: FRIDAY 1st OCTOBER, 1948.

Form 91

AREA	INDEX NUMBER	STATION	At 1200 on THURSDAY 30 th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR PRESS M.S.L. mbs PPP	TEMP. °C TT	HUMIDITY % UU	DEW POINT °C	RAIN 6-12 G.M.T. mms	At 1800 on 30 th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR. PRESS. M.S.L. mbs PPP	TEMP. °C TT	HUMIDITY % UU	DEW POINT °C	RAIN 12-18 G.M.T. mms
MEDITERRANEAN	146	SIDI BARANI	01	7	28	2	0	3	8	17.1	24.6	62	17	0	01	8	28	1	0	0	—	16.3	23.0	67	16	0
	160	MATRÛH	01	8	31	3	0	3	6	17	25	67	17	0	00	7	29	3	0	-	-	17	22	70	16	0
	134	EL DABA	00	8	28	3	0	0	-	15.6	26.0	55	16	0	00	7	32	2	0	0	-		22.6	62	15	0
	132	ALEXANDRIA	02	7	32	3	2	8	8	16.0	25.2	53	15	0	01	5	32	2	2	3	4	16.8	23.0	59	14	0
	150	FOUAD (Airport)	00	8	31	4	1	2	8	16.4	26	48	14	0	00	7			0	6	8	16.4	22	65	15	0
	159	DAMIETTA	01	8	28	3	1	3	8	15.2	25.2	57	16	0	00	7	28	2	1	1	8	15.4	22.6	72	18	0
	161	PORT SAÏD	00	8	31	4	0	6	6	16	26	55	16	0	01	7	32	3	0	3	6	15	24	65	17	0
	135	EL ARISH	00	7	28	4	0	0	-	14.4	26.7	53	16	0	01	8	28	3	1	3	8	14.8	24.3	63	17	0
LOWER EGYPT	136	DAMANHUR	01	7	32	3	1	7	8	15.2	28.0	44	15	0	00	7	32	2	0	0	-	16.4	21.8	75	17	0
	137	MANSURA	01	8	30	2	1	5	8	15.4	27.5	50	16	0	00	6	04	2	1	0	-	16.4	21.6	75	17	0
	138	TANTA	01	8	24	1	1	5	8	16.0	29.0	46	16	0												
	139	ZAGAZIG	01	6	32	2	1	3	4	15.8	30.8	54	21	0	00	6	32	2	0	0	-	16.6	25.2	74	20	0
		SHIBÎN EL KÔM	01	8	30	3	1	5	8	15.9	31.6	32	13	0	00	7	30	2	0	0	-		24.4	62	16	0
		ISMAÏLIA	01	8	02	2	1	5	4	14.2	29.0	40	14	0	00	7	02	2	0	0	-	16.4	23.2	64	16	0
CAIRO AREA	928	FAROUK(Airport)	00	8	32	2	0	2	8	15	27	40	13	0	00	7	32	3	0	0	-	15	24	60	16	0
	141	ALMÂZA	01	8	32	3	1	3	8	14.1	28	51	17	0	00	7	02	3	0	0	-	15	24	60	16	0
		EZBEKÎYA	00	8	32	1	0	4	8	14.7	28.2	41	14	0	00	7	32	1	0	0	-	16.0	22.3	68	16	0
		GÎZA	00	8	32	1	0	4	8	15.1	28.0	40	13	0	00	7	32	1	0	0	-	15.6	23.0	63	16	0
	143	HELWÂN	00	8	30	4	0	4	8	14.6	27.3	31	08	0	00	7	32	5	0	0	-	15.5	23.9	53	14	0
UPPER EGYPT	153	FAIYÛM	00	8	30	3	0	0	-	14.4	28.8	36	12	0	00	8	02	1	0	0	-	15.0	22.8	61	15	0
		BENI SUEF	00	7	02	3	0	0	-	14.6	30.4	37	14	0	00	9	02	2	0	0	-	12.3	23.8	43	14	0
	162	MINYA	00	8	02	4	0	0	-	14	29	40	14	0	00	7	01	2	0	0	—	14	22	61	14	0
	155	ASYÛT	00	8	22	2	0	0	-	13.8	29.3	33	11	0	00	6	28	1	0	0	-	13.8	25.8	39	11	0
	164	NAG' HAMMÂDI	00	8	24	1	0	0	-	11.5	31.0	39	15	0	00	8	00	0	0	0	-	12.0	24.7	64	18	0
	156	QENA	00	7	24	2	0	0	-	11.0	34.0	22	11	0	00	6	24	2	0	0	-	10.4	27.0	49	13	0
	157	LUXOR	00	8	31	1	0	0	-	11	33	24	10	0	00	7	00	0	0	0	-	11	28	42	14	0
	158	ASWÂN	00	7	32	3	0	0	-	9.9	35.0	28	14	0	00	7	32	2	0	0	-	10.4	33.0	30	13	0
OASES	148	SIWA	00	8	25	2	0	0	-	17.6	31.7	50	20	0	00	6	00	0	0	0	-	17.0	25.8	64	18	0
	149	BAHARÎYA	00	8	32	2	0	0	-	15.4	29.0	24	06	0	00	7	32	1	0	0	-	16.0	24.2	45	11	0
		FARAFRA													00	7	32	2	0	0	-	16.2	23.6	36	08	0
	152	DAKHLA	00	7	28	4	0	0	-	13.9	30.7	33	13	0	00	8	28	4	0	0	-	13.4	27.4	41	12	0
	151	KHARGA	00	7	02	4	0	0	-	12.6	31.7	24	09	0	00	7	30	1	0	0	-	12.8	27.0	28	07	0
RED SEA	144	SUEZ	00	8	32	2	0	0	-	13.9	28.4	43	14	0			32	3	0	0	-	13.6	25.1	61	17	0
	145	TOR	00	8	28	6	0	0	—	12.4	27.8	60	19	0	00	8	28	3	0	0	—	10.0	27.2	51	16	0
	163	HURGHÂDA	00	9	01	4	0	0	-	11	27	70	21	0	00	8	30	4	0	0	-	10	27	53	18	0
	147	QUSEIR	00	8	32	3	0	0	-	11.4	28.4	70	22	0	00	8	28	2	0	0	-	11.2	27.0	63	19	0
	208	PORT SUDAN	00	8	04	4	1	6	4	6	34	63	26	0												
NORTH SUDAN	165	WADI HALFA																								
	166	KAREIMA	00	8	06	2	0	2	4	4			06	0												
	167	'ATBARA	00	7	04	2	0	6	4	4	41	13	07	0												
	209	KHARTUM	02	8	00	0	1	7	8,4	5	38	22	13	0												
	170	KASSALA	00	8	00	0	0	1	8	5	36	24	12	0												
CENTRAL SUDAN	171	WAD MEDANI	00	8	20	3	1	2	8	5	35	39	19	0												
	182	RENK	01	7	20	2	1	7	1	7	34			0												
	172	ROSEIRES	01	8	20	2	1	3	5	5	32	49	20	0												
	174	EL OBEID																								
	175	EL FASHER	00	8	00	0	1	2	1		36	27	14	0												
	179	GENEINA																								
S SUDAN	176	MALAKAL	01	8	28	3	1	5	6,4	7	32	63	24	0												
	177	WÂU	01	8	28	1	1	5	8,4	7	33	38	17	0												
	178	JUBA	01	8	28	1	1	5	8	7	32	43	18	0												

AREA	INDEX NUMBER	STATION	At 0600 on FRIDAY 1st: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR. PRESSURE M.S.L. mbs PPP	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb TT	MAXIMUM Yesterday T_xT_x	MAXIMUM Diff. from norm.	MINIMUM Today T_nT_n	MINIMUM Diff. from norm.	HUMIDITY % UU	DEW POINT °C	RAINFALL mms Past 24 hrs	RAINFALL mms Total From Oct 1	RAINFALL mms Norm From Oct 1	STATION	AREA
MEDITERRANEAN	146	SIDI BARANI	01	7	20	1	1	5	8	14.7		23.0	26		19		67	16	0			SIDI BARANI	MEDITERRANEAN
	160	MATRÛH	01	8	27	3	0	3	6	17		23	26		17		70	17	0			MATRÛH	
	134	EL DABA	01	8	28	3	1	5	8			24.7	27		20		63	17	0	1.17		EL DABA	
	132	ALEXANDRIA	01	9	04	2	2	7	8	16.7	+1.2	25.0	27	-2	22	+1	58	16	0	20.9	187	ALEXANDRIA	
	150	FOUAD (Airport)	01	7	32	2	0	3	6	16.1		25	27		22		54	15	0	2.14	138	FOUAD (Airport)	
	159	DAMIETTA	01	8	28	3	1	3	8	15.6	+1.2	24.2	26		17		60	16	0	85	106	DAMIETTA	
	161	PORT SAÏD	00	7	30	3	0	2	6	16		24	27		23		61	16	0	56	81	PORT SAÏD	
	135	EL ARISH	01	7	28	3	1	3	8	14.8	+0.5	25.7	28	-1	17	0	57	17	0		94	EL ARISH	
LOWER EGYPT	136	DAMANHUR	00	6	26	2	0	0	-	17.5	+2.3	25.0	28	-3	18	0	70	19	0	105	101	DAMANHÛR	LOWER EGYPT
	137	MANSURA	00	8	32	1	0	0	-	16.0	+1.1	23.8	27	-3	18	-1	65	11	0	73	55	MANSÛRA	
	138	TANTA																	0	26	44	TANTA	
	139	ZAGAZIG	01	6	32	3	0	5	4	16.8	+1.5	25.0	31	-1	16	-1	84	22	0	36	27	ZAGAZIG	
		SHIBÎN EL KÔM	00	7	02	2	0	0	-	16.7	+1.6	23.9	33		17		63	16	0	34		SHIBÎN EL KÔM	
		ISMAÏLIA	00	7	30	1	0	0	-	15.8		24.0	30		18		58	15	0	21		ISMAÏLIA	
CAIRO AREA	928	FAROUK(Airport)	00	7	00	0	0	0	-	17		21			17		78	18	0			FAROUK(Airport)	CAIRO AREA
	141	ALMÂZA	00	7	00	0	0	0	-	16		21	28		16		75	17	0	25		ALMÂZA	
		EZBEKÎYA	00	7	32	1	0	0	-	16.4	+1.6	21.3	30	-2	18	-1	72	16	0	32	26	EZBEKÎYA	
		GÎZA	00	7	32	1	0	0	-	16.3	+1.4	21.3	29	-2	16	-2	72	16	0	31	27	GÎZA	
	143	HELWÂN	05	6	00	0	0	0	-	16.3	+1.6	20.0	28	-3	16	-3	74	15	0	19	29	HELWÂN	
UPPER EGYPT	153	FAIYÛM	00	8	32	2	0	0	-	16.7	+1.8	21.5	29	-4	14	-3	70	16	0	11	8	FAIYÛM	UPPER EGYPT
		BENI SUEF	00	7	02	1	0	0	-	16.2		23.1	31		15		66	16	0	11		BENI SUEF	
	162	MINYA	00	7	01	3	0	0	-	16		21	30		16		74	16	0	12		MINYA	
	155	ASYÛT	00	7	26	1	0	0	-	15.4	+1.7	21.3	30	-2	18	-2	63	13	0	dr	4	ASYÛT	
	164	NAG' HAMMÂDI	00	8	24	1	0	0	-	14.0	+1.8	26.3	31		18		51	15	0	0		NAG' HAMMÂDI	
	156	QENA	00	8	24	3	0	0	-	13.4	+1.1	25.2	38	+2	20	0	39	10	0	5		QENA	
	157	LUXOR	00	8	28	3	0	0	-	13		25			19		45	12	0	dr		LUXOR	
	158	ASWÂN	00	9	30	3	0	0	-	12.8	+1.5	25.0	36	-2	21	-2	65	17	0	dr		ASWÂN	
OASES	148	SIWA	00	7	00	0	0	0	-	18.3	+1.8	21.2	32	-2	14	-2	70	15	0	2.3	8	SIWA	OASES
	149	BAHARÎYA	00	8	00	0	0	0	-	17.1	+1.6	20.8	31	-1	15	-2	68	15	0	18	7	BAHARIYA	
		FARAFRA	00	8	00	0	0	0	-	17.1		22.0	35		16		48	10	0	-		FARAFRA	
	152	DAKHLA	00	8	28	4	0	0	-	15.8	+1.9	22.0	32	-3	18	-1	66	15	0	dr		DAKHLA	
	151	KHARGA	00	7	32	2	0	0	-	14.7	+1.6	23.7	32	-4	22	+2	52	14	0	0		KHARGA	
RED SEA	144	SUEZ	00	7	00	0	0	0	-	15.7	+2.2	21.7	30	-2	18	-2	71	16	0	-	17	SUEZ	RED SEA
	145	TOR	00	8	28	2	0	0	—	12.0	+0.6	26.0	28	-2	24	+4	56	16	0	0	13	TOR	
	163	HURGHADA	00	7	30	5	0	0	-	12		24	28		21		61	16	0	1	3	HURGHADA	
	147	QUSEIR	00	8	32	5	0	0	-	11.8	+0.4	26.0	30	-2	23	-2	64	19	0	0	4	QUSEIR	
	208	PORT SUDAN																	0	2.92	106	PORT SUDAN	
NORTH SUDAN	165	WADI HALFA																	0	4		WÂDI HALFA	NORTH SUDAN
	166	KAREIMA																	0	4	28	KAREIMA	
	167	'ATBARA																	0	10	71	'ATBARA	
	209	KHARTUM																	1	82	165	KHARTÛM	
	170	KASSALA																	0	184	326	KASSALA	
CENTRAL SUDAN	171	WAD MEDANI																	1	410	398	WAD MEDANI	CENTRAL SUDAN
	182	RENK																	0		518	RENK	
	172	ROSEIRES																	N	619	809	ROSEIRES	
	174	EL OBEID																	0	521	369	EL OBEID	
	175	EL FASHER																	0	237	311	EL FÂSHER	
	179	GENEINA																			366	GENEINA	
S SUDAN	176	MALAKAL																	0	877	829	MALAKAL	S SUDAN
	177	WÂU																	0	838	1106	WÂU	
	178	JUBA																	0	908	987	JUBA	

HUMIDITY

Mean of day

STATION	on 30 th	Diff. from normal
Alexandria	56	-11
Ezbekîya	65	0
Giza	62	-6
Helwân	56	+2

GIZA
GRASS MINIMUM TEMP
ON 31 st 10.0 °C

Remarks

UPPER AIR OBSERVATIONS on 30 th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA
AEROPLANE ASCENT
ON ___ At ___

HEIGHT FEET	PRESSURE mbs	DRY °C	WET °C	WIND DD	WIND VV
SURFACE					
500					
1000					
1500					
2000					
4000					
6000					
8000					
10000					
12000					
14000					
16000					
18000					
20000					

FAROUK AIRPORT
RAWINSONDE
ON 1 st At 4

PRESSURE mbs	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		17	39	230	2
1000	460	17	85	260	2
950					
900	3390	12	75	360	21
850	4950	11	35	350	21
800	6600	9	25	350	20
700	10225	1	-	300	12
600	14320	-1	-	280	24
500	19040	-9	-	260	36
400					
300	31450	-33	-	250	28
250					
200	40570	-50	-		
150					
100	54570	-71	-		

STATION	MATRUH		PORT SAID		MINYA	
TIME	14 30		14 30		15	
HEIGHT m.	DD	VV	DD	VV	DD	VV
200	340	11	330	22	10	25
500	350	10	320	23	10	23
1000	320	14	320	12	360	35
1500	310	17	260	10	350	40
2000	310	16	190	3	340	43
3000	290	19			300	17
4000	290	19				
5000						
6000						
7000						
8000						

STATION						
TIME						
HEIGHT m.	DD	VV	DD	VV	DD	VV
200						
500						
1000						
1500						
2000						
3000						
4000						
5000						
6000						
7000						
8000						

UPPER AIR OBSERVATIONS on 1st

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARANI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			4 15						4						3 30				5 30				5	
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			320	11					350	7					10	26			340	19			120	7
500			320	11					350	15					10	31			350	20			80	8
1000			320	13					360	17					340	30			340	23			20	4
1500			340	15					350	18					340	28			310	10			340	10
2000			320	18					350	17					300	13							340	13
3000			300	21					300	10													330	16
4000			290	17																			310	22
5000			290	23					260	28													300	24
6000									250	35														
7000																								
8000																								

STATION	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME			5		5 15																			
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			350	7	360	16																		
500			10	12	10	24																		
1000			10	27	360	33																		
1500			360	28	360	19																		
2000			360	38																				
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

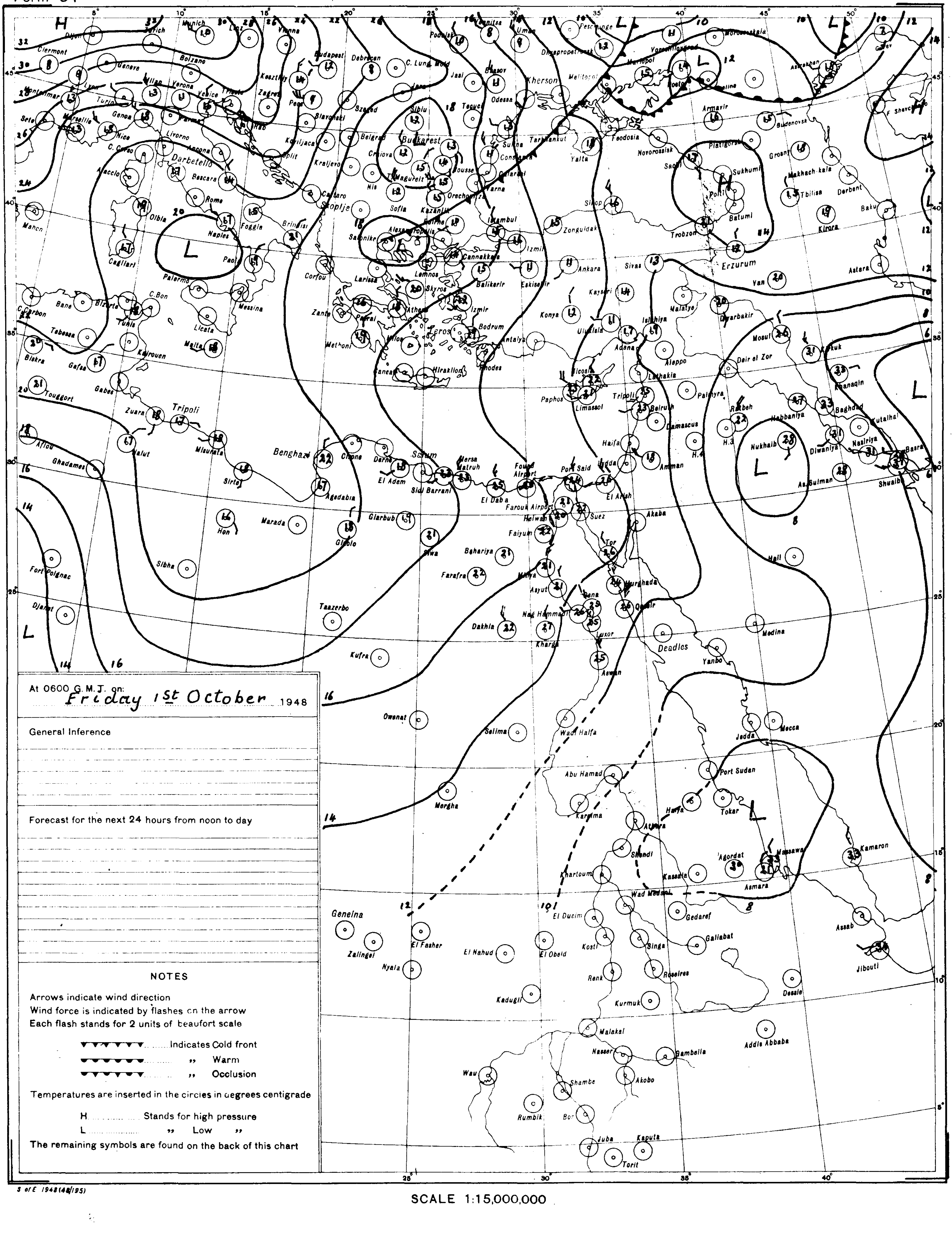
	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g.
08 = East, 16 = South,
24 = West, 32 = North,
00 is Calm.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: Friday 1st October 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
,, Warm
,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

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

The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 49 G.M.T.
" " Sunset 15 40 G.M.T

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

Form 91

DAILY WEATHER REPORT

Date: SATURDAY 2nd OCTOBER ....., 1948.

AREA	INDEX NUMBER	STATION	At 1200 on FRIDAY 1st: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	CLOUD Amount 0-10 N	CLOUD Form C	BAR PRESS M.S.L. mbs. PPP	TEMP °C. TT	HUMIDITY % UU	DEW POINT °C.	RAIN 6-12 G.M.T. mms	At 1800 on 1st: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C TT	HUMIDITY % UU	DEW POINT °C.	RAIN 12-18 G.M.T. mms
MEDITERRANEAN	146	SIDI BARANI	01	9	28	2	6	5	8	16.4	24.3	67	17	4	00	8	32	1	1	•	•	16.7	22.3	67	15	•
	160	MATRUH												4	25	7	02	2	2	3	6	17	22	69	16	0
	134	EL DABA	01	8	28	3	1	5	8	16.0	27.1	57	18	•	00	8			•	•	-		22.6	69	17	•
	132	ALEXANDRIA	01	9	02	3	2	5	8	16.0	25.2	56	16	•	01	5	32	4	•	•	-	17.5	23.0	55	14	•
	150	FOUAD (Airport)	01	7	30	2	•	3	6	15.6	28	58	17	•	00	7	29	2	•	4	6	17.2	23	61	15	•
	159	DAMIETTA	01	8	30	3	1	3	8	15.2	25.2	57	16	•	00	7	28	2	1	•	-	16.2	22.0	64	15	•
	161	PORT SA'ID	01	8	31	3	•	3	6	15	25	58	16	•	00	7	30	3	•	4	6	16	24	65	17	•
	135	EL 'ARISH	01	9	28	4	1	3	8	15.1		48			00	9	32	3	•	2	8	15.2	24.1	92	23	•
LOWER EGYPT	136	DAMANHUR	01	7	04	3	1	5	8	16.6	26.5	53	16	•	00	7	32	2	•	•	-	17.1	21.2	73	16	•
	137	MANSURA	01	8	32	2	1	6	8	15.2	28.2	41	13	•	00	6	32	2	1	•	-	17.0	21.5	74	17	•
	138	TANTA	01	8	28	2	1	3	8	14.6	29.0	42	15	•	01	8	00	•	1	5	8	17.1	21.4	69	15	•
	139	ZAGAZIG	01	6	28	2	•	5	4	14.7	29.2	51	18	•	00	6	32	2	1	•	-	17.1	25.2	78	21	•
		SHIBIN EL KOM	01	8	02	3	1	3	8	15.5	29.2	49	17	•	00	7	02	2	•	•	-	15.9	24.3	71	18	•
		ISMA'ILIA	01	7	02	2	1	5	4	14.3	28.0	44	15	0	00	7	02	2	•	•	-	15.4	23.0	66	16	•
CAIRO AREA	928	FAROUK(Airport)	01	7	30	3	1	5	8	14	28	44	15	•	00	7	02	3	•	•	-	16	23	65	17	•
	141	ALMAZA													00	7	04	3	•	1	8	16.3	23.8	61	16	•
		EZBEKIYA	01	8	02	1	1	5	8	14.6	28.3	41	13	•	01	7	00	•	1	5	8	16.7	22.4	69	16	•
		GIZA	01	8	02	1	1	5	8	14.6	27.6	43	13	•	01	7	00	•	1	5	8	16.2	23.2	62	15	•
	143	HELWAN	02	8	14	3	2	10	8	14.3	27.2	37	11	•	00	7	32	4	•	•	-	16.6	23.0	55	13	•
UPPER EGYPT	153	FAIYUM	01	8	32	3	1	5	8	14.0	28.1	44	15	•	01	8	32	1	1	5	8	15.4	28.4	58	19	•
		BENI SUEF	00	9	02	3	0	-	-	15.5	31.8	48	20	•	00	9	30	1	•	•	-	15.2	26.8	46	19	•
	162	MINYA	00	8	02	4	•	1	8	15	28	42	14	•	01	7	32	2	•	•	-	15	22	61	14	•
	155	ASYUT	00	8	28	2	•	•	-	13.5	28.0	29	08	•	00	6	28	2	•	•	-	14.4	25.1	44	12	•
	164	NAG' HAMMADI	00	8	24	2	•	•	-	12.3	30.2	40	15	•	00	8	24	1	•	•	-	12.3	23.8	63	17	•
	156	QENA	00	9	24	2	0	•	-	11.2	34	22	09	0	00	6	24	2	•	•	-	11.0	25.0	54	15	•
	157	LUXOR	00	8	30	3	•	•	-	11	33	19	06	•	00	7	00	•	•	•	-	11	26	37	10	•
	158	ASWAN	00	9	28	2	•	•	-	10.7	34.0	25	11	•	00	9	32	2	•	•	-	11.9	32.0	28	11	•
OASES	148	SIWA	00	8	00	•	•	•	-	17.5	30.5	65	23	•	00	6	00	•	•	•	-	17.5	27.4	48	15	0
	149	BAHARIYA	00	8	32	1	•	0	-	15.6	28.0	36	11	•	00	7	32	1	•	•	-	16.2	24.0	46	12	•
		FARAFRA	00	8	30	4	•	•	-	15.8	30.3	31	11	•												
	152	DAKHLA	00	9			•	•	-	14.1	30.0	47	17	•	00	8			•	•	-	15.3	26.6	50	16	•
	151	KHARGA	00	8	32	4	•	•	-	12.7	30.7	50	19	•	00	6	02	2	•	•	-	13.5	26.3	33	08	0
RED SEA	144	SUEZ	00	8	00	•	•	•	-	13.9	27.2	42	13	•	00		32	2	•	•	-	15.6	23.9	62	16	•
	145	TOR	00	8	28	6	•	•	-	10.7	27.0	63	19	•	00	8	28	4	•	•	-	12.5	27.0	63	19	•
	163	HURGHADA	00	9	01	4	•	•	-	10	26	70	20	•	00	8	29	4	•	•	-	12	26	58	17	•
	147	QUSEIR	00	8	02	4	•	•	-	9.8	28.2	65	21	•	00	8	30	2	•	•	-	11.1	25.6	67	19	•
	208	PORT SUDAN																								
NORTH SUDAN	165	WADI HALFA																								
	166	KAREIMA																								
	167	'ATBARA																								
	209	KHARTUM																								
	170	KASSALA																								
CENTRAL SUDAN	171	WAD MEDANI																								
	182	RENK																								
	172	ROSEIRES																								
	174	EL OBEID																								
	175	EL FASHER																								
	179	GENEINA																								
S SUDAN	176	MALAKAL																								
	177	WAU																								
	178	JUBA																								

AREA	INDEX NUMBER	STATION	At 0600 on SATURDAY 2nd: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR. PRESSURE M.S.L. mbs. PPP	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb TT	MAXIMUM Yesterday T_xT_x	MAXIMUM Diff. from norm.	MINIMUM Today T_nT_n	MINIMUM Diff. from norm.	HUMIDITY % UU	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL Total From Oct 1	RAINFALL Norm. From Oct 1	STATION	AREA
MEDITERRANEAN	146	SIDI BARANI	02	9	22	1	6	8	9	17.5		25.0	26		16		66	16	4	4		SIDI BARANI	MEDITERRANEAN
	160	MATRUH	01	8	27	4	1	7	8	18		21	28		18		65	14	4	4		MATRUH	
	134	EL DABA	01	8	32	3	1	5	8			24.0	27		17		59	13	•	•		EL DABA	
	132	ALEXANDRIA	01	9	30	3	1	5	8	17.1	+1.7	23.0	27	-2	21	0	52	13	•	•	0	ALEXANDRIA	
	150	FOUAD (Airport)	00	7	28	2	•	2	1	17.0		24	28		21		50	13	•	•		FOUAD (Airport)	
	159	DAMIETTA	00	8	20	3	1	2	8	16.2	+1.7	23.5	26		16		59	15	•	•	0	DAMIETTA	
	161	PORT SA'ID	00	7	24	2	•	6	6	17		23	27		21		65	16	•	•		PORT SA'ID	
	135	EL 'ARISH	00	9	20	2	•	2	8	16.0	+1.6	23.3	27	-2	20	+1	59	15	•	•	0	EL 'ARISH	
LOWER EGYPT	136	DAMANHUR	01	6	24	2	1	5	8	17.5	+2.3	22.2	28	-3	17	-1	69	16	•	•	0	DAMANHUR	LOWER EGYPT
	137	MANSURA	00	8	04	2	•	•	-	17.1	+2.2	23.0	30	-2	16	-3	59	14	•	•	0	MANSURA	
	138	TANTA	00	8	00	•	1	2	8	17.2	+1.9	19.6	29	-3	13	-4	81	17	•	•	0	TANTA	
	139	ZAGAZIG	00	6	32	2	•	•	-	17.4	+1.9	22.0	31	-1	15	-2	74	17	•	•	0	ZAGAZIG	
		SHIBIN EL KOM	00	7	02	2	•	•	-			22.2	32		15		65	15	•	•	0	SHIBIN EL KOM	
		ISMA'ILIA	00	7	26	1	•	•	-	16.3		23.2	29		18		58	14	•	•	0	ISMA'ILIA	
CAIRO AREA	928	FAROUK(Airport)	00	7	00	•	•	•	-	17		21	29		17		74	16	0	•	•	FAROUK(Airport)	CAIRO AREA
	141	ALMAZA	00	7	00	•	•	•	-	17.1	+2.2	22	28		18		64	15	•	•	0	ALMAZA	
		EZBEKIYA	00	7	30	1	•	•	-	17.2	+2.3	20.9	29	-3	17	-2	70	15	•	•	0	EZBEKIYA	
		GIZA	00	7	30	1	•	•	-	17.4	+2.4	21.0	28	-3	14	-3	73	16	0	•	0	GIZA	
	143	HELWAN	00	6	00	•	•	•	-	17.2	+2.4	20.2	28	-3	17	-2	69	14	•	•	0	HELWAN	
UPPER EGYPT	153	FAIYUM	00	8	32	2	•	•	-	17.6	+2.7	21.8	29	-4	17	-2	67	16	•	•	0	FAIYUM	UPPER EGYPT
		BENI SUEF	00	9	02	1	•	•	-	17.1		22.6	32		15		66	16	•	•	0	BENI SUEF	
	162	MINYA	00	7	02	3	•	•	-	17		21	28		16		74	16	•	•	0	MINYA	
	155	ASYUT	00	7	26	1	•	•	-	16.4	+2.9	22.2	29	-3	19	-1	64	15	•	•	0	ASYUT	
	164	NAG' HAMMADI	00	8	26	1	•	•	-	14.4	+2.0	24.3	30		18		54	15	•	•	0	NAG' HAMMADI	
	156	QENA	00	8	22	2	•	•	-	14.0	+1.6	21.6	35	-1	19	-1	67	15	•	•	0	QENA	
	157	LUXOR	00	8	29	1	•	•	-	14		25	34		17		67	13	•	•	0	LUXOR	
	158	ASWAN	00	9	32	2	•	•	-	13.9	+2.5	24.0	35	-3	19	-4	63	16	•	•		ASWAN	
OASES	148	SIWA	00	7	00	0	•	•	-	19.0	+2.3	21.0	32	-2	14	-2	76	16	•	•	0	SIWA	OASES
	149	BAHARIYA	00	8	32	1	0	0	-	18.0	+2.4	20.5	29	-3	17	•	73	15	•	•	0	BAHARIYA	
		FARAFRA																	0	•	0	FARAFRA	
	152	DAKHLA	00	8	00	0	•	0	-	16.5	+2.5	22.4	31	-4	18	-1	63	14	•	•	0	DAKHLA	
	151	KHARGA	00	7	32	3	•	0	-	15.2	+2.0	23.8	31	-5	19	-1	53	14	•	•	0	KHARGA	
RED SEA	144	SUEZ	00	7	32	1	•	•	-	17.5	+3.8	21.1	30	-2	17	-3	69	15	•	0	0	SUEZ	RED SEA
	145	TOR	00	8	28	2	•	•	-	12.7	+1.1	26.1	28	-2	23	+3	49	14	•	•	0	TOR	
	163	HURGHADA	00	9	30	5	•	•	-	12		24	27		18		69	18	•	•	0	HURGHADA	
	147	QUSEIR	00	8	32	4	•	0	-	11.5	-0.2	24.3	29	-3	23	-2	53	16	•	•	0	QUSEIR	
	208	PORT SUDAN																	0	•	0	PORT SUDAN	
NORTH SUDAN	165	WADI HALFA																	0	•	0	WADI HALFA	NORTH SUDAN
	166	KAREIMA																	0	•	0	KAREIMA	
	167	'ATBARA	00																0	•	0	'ATBARA	
	209	KHARTUM																	0	•	0	KHARTUM	
	170	KASSALA																	0	•	0	KASSALA	
CENTRAL SUDAN	171	WAD MEDANI																	0	•	0	WAD MEDANI	CENTRAL SUDAN
	182	RENK																	0	•	0	RENK	
	172	ROSEIRES	00	1	08	3	1	2	1	10		24					34	21	0	•	0	ROSEIRES	
	174	EL OBEID																	0	0	0	EL OBEID	
	175	EL FASHER	02	8	04	3	0	8	4			26			21		55	16	0	0	0	EL FASHER	
	179	GENEINA																	0	•	0	GENEINA	
S SUDAN	176	MALAKAL																	0	0	0	MALAKAL	S SUDAN
	177	WAU																	0	•	0	WAU	
	178	JUBA																	0	•	0	JUBA	

HUMICITY

Mean of day

STATION	on	Diff. from normal
Alexandria	55	-12
Ezbekiya	64	-1
Giza	61	-7
Helwan	58	+4

GIZA
GRASS MINIMUM TEMP
ON 2nd 9.3 j/c

Remarks

UPPER AIR OBSERVATIONS on 1st

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT — ON ..... AT .....

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C
SURFACE			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT RAWINSONDE — ON 2nd AT 4

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		18	72	360	•
1000	480	18	75	360	•
950					
900	3440	14	75	340	12
850	5020	12	75	320	24
800	6680	11	25	340	16
700	10300	8	-	250	10
600	14440	4	-	260	19
500	19190	-6	-	260	24
400					
300	31600	-31	-	270	45
250					
200	40720	-48	-	260	77
150					
100					

STATION	MATRUH		PORT SAID				MINYA	
TIME	14		15 30				15	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV
200	30	17	320	17			10	31
500	10	8	320	17			10	47
1000	20	6	330	10			360	23
1500			320	14			360	35
2000							360	22
3000								
4000								
5000								
6000								
7000								
8000								

STATION								
TIME								
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV
200								
500								
1000								
1500								
2000								
3000								
4000								
5000								
6000								
7000								
8000								

UPPER AIR OBSERVATIONS on 2nd

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SAID		FAROUK AIRPORT		ALMAZA		HELWAN		MINYA		ASYUT		LUXOR		ASWAN		SIWA	
TIME			4 30				4		3				7		8								5 15	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			320	10			310	13	360	10			20	21	20	26							80	9
500			330	13			260	9	360	12			10	15	40	33							110	7
1000			330	17			320	6	350	11			360	19	20	31							30	7
1500			320	12			290	9	330	22			360	23	20	31							320	11
2000							330	12	350	10													320	18
3000									250	4													330	17
4000																								
5000									260	22														
6000									260	31														
7000																								
8000									360	69														

STATION	BAHARIYA		DAKHLA		KHARGA		HURGHADA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME			5		5 45		8														4 30		8 30	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			40	3	10	16	340	32																
500			30	11	20	22	320	28																
1000			10	16	360	25	330	29													50	12	40	9
1500			350	19	360	27	290	5															20	6
2000							220	10													70	15	20	6
3000							200	11													90	12	360	5
4000																					310	20	100	2
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20 29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

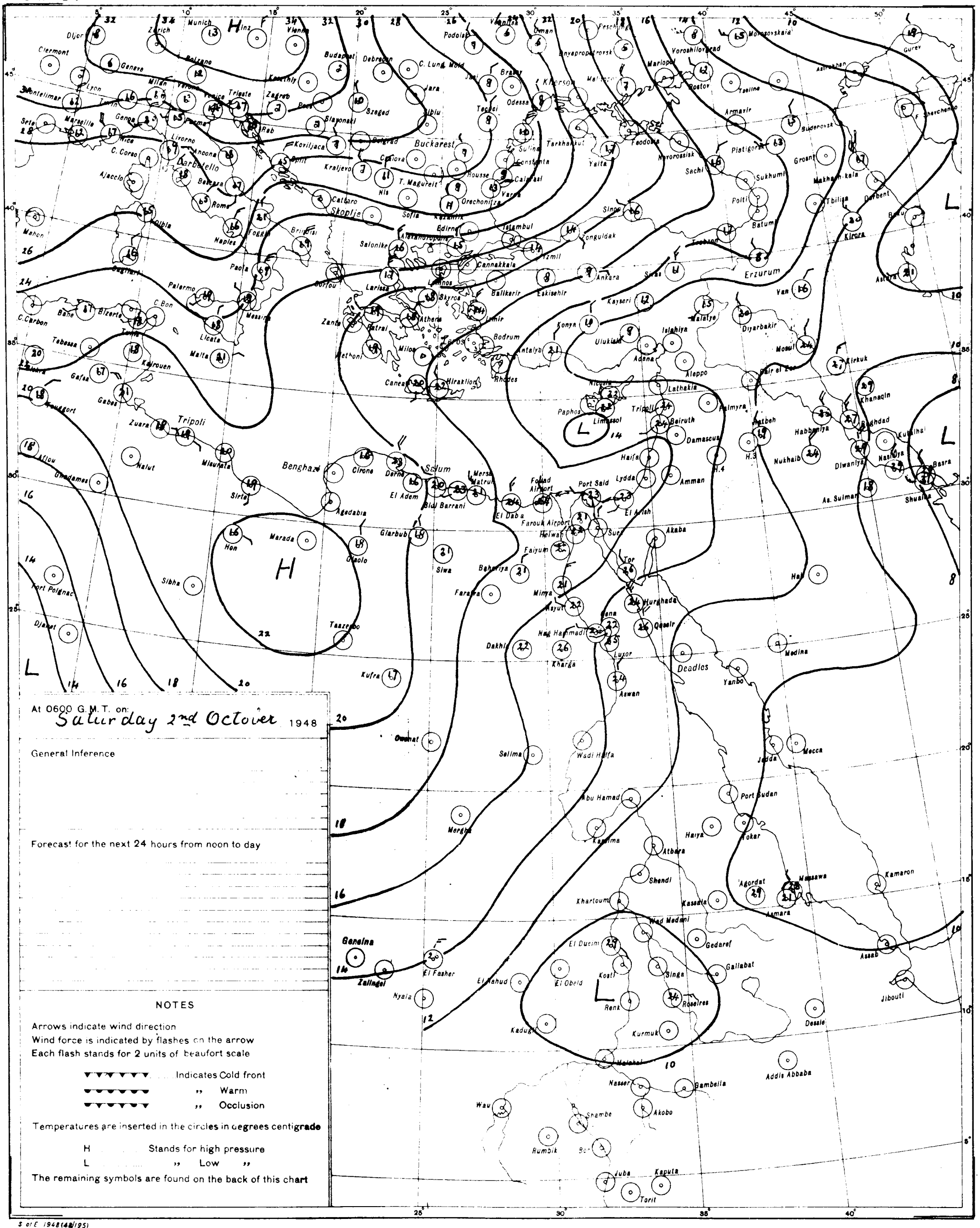
	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: Saturday 2nd October 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼ Indicates Cold front
▼▼▼▼▼▼ ,, Warm
▼▼▼▼▼▼ ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

S or E 1948(48/195)

SCALE 1:15,000,000

MAR 8 1949 WEATHER BUREAU

CAIRO
Time of Sunrise 03 49 G.M.T
" " Sunset 15 39 G.M.T

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

DAILY WEATHER REPORT

Date: SUNDAY 3rd OCTOBER , 1948.

Form 91

AREA	INDEX NUMBER	STATION	At 1200 on SATURDAY 2 nd: PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR PRESS. M.S.L. mbs	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms	At 1800 on 2nd: PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARANI	13	9	28	2	1	5	9	17.4	24.4	56	15	tr	00	8	32	1	1	0	-	12.5	22.2	64	15	0
	160	MATRÛH													00	8	32	4	1	2	6		22	61	14	0
	134	EL DABA	01	7	28	2	1	5	8		23.9	73	18	0	02	6	28	3	2	8	8		22.8	66	16	0
	132	ALEXANDRIA	01	9	32	4	2	5	8	15.9	25.6	49	14	0		9	32	3	2	3	4	17.0	23.0	55	14	0
	150	FOUAD (Airport)	00	8	31	4	0	1	8	15.6	26	48	14	0	00	7	28	3	0	1	6	16.3	23	57	14	0
	159	DAMIETTA	01	8	28	4	1	5	8	15.0	25.0	53	15	0	00	7	28	2	1	0	-	15.8	22.2	69	16	0
	161	PORT SAÏD	01	8	31	3	0	3	6	15	25	54	15	0	00	7	29	4	0	6	6	15	24	61	16	0
	135	EL ARISH	00	9	28	4	0	1	8	15.0	25.9	76	21	0	00	9	28	4	0	1	8	14.4	23.7	61	16	0
LOWER EGYPT	136	DAMANHUR	01	7	28	4	1	3	8	15.8	26.4	75	21	0	01	6	24	2	5	3	8	16.4	20.0	74	15	dw
	137	MANSURA	01	8	28	2	1	5	8	15.2	27.8	39	13	0	00	6	32	2	1	0	-	16.0	22.0	64	15	0
	138	TANTA	01	8	28	2	1	5	8	15.9	28.9	37	12	0	01	8	28	1	1	5	8	15.8	21.0	77	17	0
	139	ZAGAZIG	01	6	28	2	1	3	4	15.2	28.2	42	20	0	00	6	32	2	0	0	-	15.4	23.5	79	20	0
		SHIBÎN EL KÔM	01	8	30	3	1	3	8	15.4	27.2	41	12	0	00	7	02	2	0	0	-	16.4	24.4	55	15	0
		ISMAÏLIA	01	7	30	1	1	5	6	14.2	28.0	37	12	0	00	7	32	1	0	0	-	15.5	23.0	60	15	0
CAIRO AREA	928	FAROUK(Airport)	01	8	30	4	1	5	8	14	26	40	13	0	03	7	30	2	0	0	-	16	22	60	15	0
	141	ALMAZA	01	8	30	3	1	5	6	14.7	27.2	36	11	0	00	7	30	2	0	1	8	16.2	22.3	54	13	0
		EZBEKÎYA	01	8	30	2	1	5	8	14.8	27.8	38	12	0	00	7	00	0	0	0	-	16.4	22.2	59	13	0
		GÎZA	01	8	30	2	1	5	8	15.1	27.1	38	12	0	00	7	00	0	0	0	-	16.4	21.8	59	12	0
	143	HELWÂN	01	8	28	4	0	3	8	14.6	26.0	39	11	0	00	7	30	4	0	0	-	16.0	22.9	49	12	0
UPPER EGYPT	153	FAIYÛM	01	8	32	3	1	5	8	14.8	27.0	37	11	0	00	8	32	2	0	0	-	16.0	23.0	52	13	0
		BENI SUEF	00	9	02	3	0	0	-	14.4	29.1	42	15	0	00	9	02	1	0	0	-	15.8	22.9	57	14	0
	162	MINYA	00	8	01	5	0	1	8	14	28	35	11	0	00	7	32	1	0	0	-	15	20	69	14	0
	155	ASYÛT	00	8	26	2	0	0	-	14.0	28.0	44	15	0	00	6	28	2	0	0	-	15.0	24.5	50	13	0
	164	NAG' HAMMÂDI	00	8	24	2	0	0	-	11.6	30.0	39	14	0	00	8	24	1	0	0	-	13.6	23.6	36	08	0
	156	QENA	00	9	24	2	0	0	-	10.0	33.6	29	13	0	00	6	24	2	0	0	-	11.6	26.0	36	10	0
	157	LUXOR	00	8	28	3	0	0	-	10	32	22	08	0	00	7	26	2	0	0	-	12	26	40	11	0
	158	ASWÂN	00	9	30	3	0	0	-	10.7	32.0	28	11	0	00	9	32	2	0	0	-	12.0	29.0	30	10	0
OASES	148	SIWA	02	8	32	2	1	9	4	17.6	30.5	57	20	0	00	6	00	0	0	0	-	18.2	22.5	58	13	0
	149	BAHARÎYA	02	8	28	2	1	8	4	16.0	28.0	33	10	0	00	7	32	1	1	0	-	16.7	23.5	45	11	0
		FARAFRA	02	8	28	3	1	8	6	16.6	29.6	39	14	0												
	152	DAKHLA	00	9	28	4	0	0	-	14.0	29.3	32	11	0	06	8	28	2	0	0	-	14.8	26.8	38	11	0
	151	KHARGA	00	8	32	4	0	0	-	13.0	30.1	29	10	0												
RED SEA	144	SUEZ	00	8	00	0	0	0	-	13.2	27.0	31	08	0	00		00	0	0	0	-	14.6	22.8	58	15	0
	145	TOR	00	8	28	5	0	0	-	12.7	27.0	60	18	0	00	8	28	2	0	0	-	13.2	24.0			0
	163	HURGHÂDA	00	9	01	4	0	0	-	11	26	70	20	0	00	8	30	3	2	0	-	12	25	65	18	0
	147	QUSEIR	00	8	02	3	0	0	-	11.1	27.8	63	20	0	00	8	30	2	0	0	-	11.5	25.3	72	19	0
	208	PORT SÛDAN																								
NORTH SÛDAN	165	WADI HALFA																								
	166	KAREIMA																								
	167	ATBARA																								
	209	KHARTÛM																								
	170	KASSALA																								
CENTRAL SÛDAN	171	WAD MEDANI																								
	182	RENK																								
	172	ROSEIRES																								
	174	EL OBEID																								
	175	EL FASHER																								
	179	GENEINA																								
S SÛDAN	176	MALAKAL																								
	177	WAU																								
	178	JUBA																								

AREA	INDEX NUMBER	STATION	At 0600 on SUNDAY 3rd: PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. °Dry Bulb	TEMPERATURE MAXIMUM Yesterday	TEMPERATURE MAXIMUM Diff. from norm.	TEMPERATURE MINIMUM Today	TEMPERATURE MINIMUM Diff. from norm.	HUMIDITY % UU	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct 1	RAINFALL mms. Norm From Oct 1
			ww	V	DD	F	W		C	PPP		TT	$T_n T_x$		$T_n T_n$		UU				
MEDITERRANEAN	146	SIDI BARANI	13	9	20	2	5	5	9	16.4		21.4	25		16		81	18	tr	tr	
	160	MATRÛH	00	8	26	3	0	6	6	17		22	26		17		61	14	0	tr	
	134	EL DABA	01	7	28	3	1	5	8	15.8		23.8	25		21		67	17	0	0	
	132	ALEXANDRIA	01	9	32	2	2	3	4	16.0	+0.5	23.7	26	-3	21	0	55	14	0	0	0
	150	FOUAD (Airport)	00	8	30	2	0	6	8	15.6		24	27		22		54	14	0	0	0
	159	DAMIETTA	01	8	20	2	1	5	9	14.8	+0.2	23.8	26		16		65	17	0	0	0
	161	PORT SAÏD	00	7	27	2	0	1	8	15		24	27		21		61	16	0	0	0
	135	EL ARISH	00	9	20	4	0	3	8	14.8	+0.3	24.6	27	-2	17	+1	61	16	0	0	
LOWER EGYPT	136	DAMANHUR	00	6	04	2	1	2	8	16.0	+0.6	22.0	28	-3	17	-1	76	17	dw	dw	0
	137	MANSURA	00	8	20	1	0	0	-	15.1	+0.1	23.0	29	-3	18	-1	70	17	0	0	0
	138	TANTA	00	8	30	0	0	0	-	16.4	+1.0	20.0	29	-3	13	-4	81	16	0	0	0
	139	ZAGAZIG	00	6	32	2	0	0	-	15.5	0.0	21.2	29	-3	19	+2	82	18	0	0	0
		SHIBÎN EL KÔM	00	7	12	2	0	0	-			23.4	30		16		65	16	0	0	0
		ISMAÏLIA	30	7	26	1	0	0	-	15.1		22.7	30		18		64	15	0	0	0
CAIRO AREA	928	FAROUK(Airport)	00	7	24	2	0	0	-	16		20	28		17		69	15	0	0	0
	141	ALMAZA	00	7	00	0	0	0	-	15.4	+0.4	22.0	28		16		61	14	0	0	0
		EZBEKÎYA	00	7	30	1	0	0	-	15.9	+0.7	20.6	28	-3	17	-2	69	15	0	0	0
		GÎZA	00	7	30	1	0	0	-	15.6	+0.6	21.8	28	-3	14	-2	67	15	0	0	0
	143	HELWÂN	05	5	00	0	0	0	-	16.0	+1.1	19.1	27	-4	17	-2	74	14	0	0	0
UPPER EGYPT	153	FAIYÛM	00	8	32	2	0	0	-	16.3	+1.2	21.5	28	-4	16	-2	68	15	0	0	0
		BENI SUEF	00	9	02	1	0	0	-	15.9		22.4	29		15		64	15	0	0	0
	162	MINYA	00	7	32	3	0	1	6	16		20	29		14		64	13	0	0	0
	155	ASYÛT	00	7	28	2	0	0	-	16.7	+1.0	20.9	29	-3	18	-2	66	15	0	0	0
	164	NAG' HAMMÂDI	00	8	24	1	0	0	-	16.9	+1.5	23.3	31		17		60	15	0	0	0
	156	QENA	00	8	26	2	0	0	-	13.2	+0.7	23.4	36	0	19	-1	49	12	0	0	0
	157	LUXOR	00	8	32	2	0	0	-	14		24	33		17		47	12	0	0	0
	158	ASWÂN	00	9	32	3	0	0	-	13.3	+1.8	24.5	34	-4	19	-4	53	14	0	0	0
OASES	148	SIWA	00	7	00	0	0	0	-	19.4	+2.7	19.5	32	-2	14	-2	62	12	0	0	0
	149	BAHARIYA	00	8	32	3	0	0	-	17.6	+1.9	21.0	29	-3	14	-3	69	15	0	0	0
		FARAFRA	00	8	02	2	0	0	-	18.4		22.1	31		17		67	15	0	0	
	152	DAKHLA	00	8	24	1	0	0	-	16.7	+2.6	20.7	30	-5	17	-2	56	12	0	0	
	151	KHARGA																	0		
RED SEA	144	SUEZ	00	6	00	0	0	0	-	14.4	+0.6	22.0	29	-3	16	-4	67	16	0	0	
	145	TOR	00	7	28	5	0	0	-	11.6	-0.1	25.9	28	-2	23	+3	50	14	0	0	0
	163	HURGHADA	00	9	30	4	0	0	-	12		24	26		20		61	16	0	0	0
	147	QUSEIR	00	8	32	3	0	0	-	12.0	+0.3	25.7	28	-4	22	-3	54	16	0	0	0
	208	PORT SUDAN																	0	0	0
NORTH SÛDAN	165	WADI HALFA																	0	0	
	166	KAREIMA																	0	0	0
	167	ATBARA	18	5		4	1	3	4	7		26			26		32	08	0	0	0
	209	KHARTÛM	00	8			1	1	4	9		33			30		21	68	0	0	0
	170	KASSALA																	0	0	0
CENTRAL SÛDAN	171	WAD MEDANI																	0	0	0
	182	RENK																	0	0	1
	172	ROSEIRES																	0	0	1
	174	EL OBEID	01	8	32	4			9			29			22		20	04	0	0	0
	175	EL FASHER																	0	0	0
	179	GENEINA																	0	0	0
S SÛDAN	176	MALAKAL																	0	0	4
	177	WAU																	0	0	5
	178	JUBA	00	9	04	1	1	6	1	11		26					51	15	0	0	4

HUMIDITY

Hour of day

STATION	on 2nd	Diff. from normal
Alexandria	51	-16
Ezbekîya	58	-7
Giza	60	-8
Helwân	53	-1

GIZA GRASS MINIMUM TEMP

ON 3rd 9.4°C

Remarks

UPPER AIR OBSERVATIONS on 2nd

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT

ON ___ At ___

HEIGHT FEET	PRESSURE mbs	DRY °C	WET °C
SURFACE			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT RAWINSONDE

ON 3 At 3

PRESSURE mbs	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		17	72	220	4
1000	430	17	75	220	4
950					
900	3360	13	75	340	14
850	4930	10	75	350	15
800	6590	10	25	360	19
700	10190	6	-	330	12
600	14310	2	-	270	36
500	19060	-7	-	250	42
400					
300	33150	-33	-	250	71
250					
200	44050	-51	-		
150					
100					

STATION	MATRUH		PORT SAID		MINYA	
TIME	14		14		15	
HEIGHT m.	DD	VV	DD	VV	DD	VV
200	350	19	340	8	360	26
500	350	12	310	13	360	22
1000	340	15	310	10	360	30
1500	300	10	300	8	340	26
2000			220	9	330	29
3000			130	13		
4000						
5000						
6000						
7000						
8000						

STATION						
TIME						
HEIGHT m.	DD	VV	DD	VV	DD	VV
200						
500						
1000						
1500						
2000						
3000						
4000						
5000						
6000						
7000						
8000						

UPPER AIR OBSERVATIONS on 3rd

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARANI		MATRUH			FOUAD AIRPORT		PORT SAID			FAROUK AIRPORT		ALMAZA		HELWAN		MINYA		ASYUT		LUXOR		ASWAN		SIWA	
TIME			4		15	4		3		30	3				8		3	15					5		5	
HEIGHT m.	DD	VV	DD		VV	DD	VV	DD		VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			300		8	340	13	310		11	320	10			360	8	350	22					350	10	50	8
500			320		9	360	16	330		9	350	12			360	10	360	31					360	16	40	11
1000			320		9	350	15	320		9	350	13			10	16	360	40					350	10	20	14
1500			330		16	Entêtu		330		5	350	13			360	16	350	40					340	10	350	21
2000			320		22						10	16					330	40					260	10	340	19
3000			310		33						320	11														
4000																										
5000																										
6000											280	30														
7000											250	35														
8000																										

STATION	BAHARIYA		DAKHLA		KHARGA		HURGHADA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME			5				6																	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			10	3			330	17																
500			20	6			310	22																
1000			350	7			310	18																
1500			340	8			330	12																
2000			350	15			260	12																
3000							210	12																
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20 29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30 34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

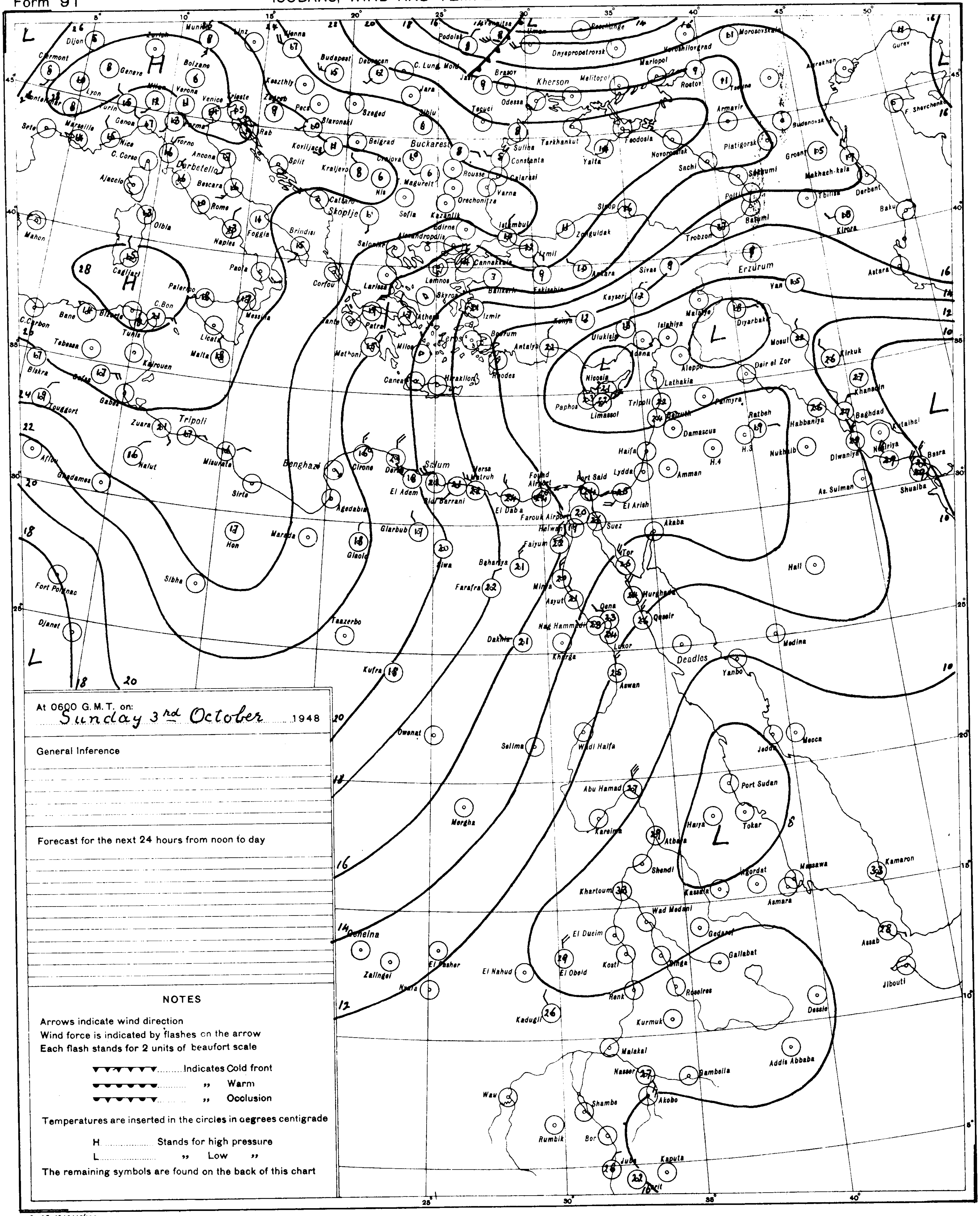
	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
Sunday 3rd October 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

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

Temperatures are inserted in the circles in degrees centigrade

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

The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 50 G.M.T.
" " Sunset 15 37 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: MONDAY 4th OCTOBER, 1948.

At 1200 on SUNDAY 3rd

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARANI	3	9	28	2	1	7	6	15.9	23.6	74	19	k
	160	MATRÛH												
	134	EL DABA												
	132	ALEXANDRIA	01	9	02	2	2	5	8	14.3	25.0	54	15	0
	150	FOUAD (Airport)	00	8	30	4	1	6	8	14.1	26	51	15	0
	159	DAMIETTA	01	8	28	4	1	3	8	13.4	24.9	61	17	0
	161	PORT SAÏD	00	8	31	4	0	2	8	14	26	55	16	0
	135	EL 'ARISH	01	9	28	4	1	3	8	13.4	26.2	68	20	0
Lower Egypt	136	DAMANHUR	00	7	04	4	0	2	8	14.7	25.8	51	15	0
	137	MANSURA	01	8	04	2	1	5	8	13.8	27.8	43	14	0
	138	TANTA	01	8	04	2	1	3	8	14.8	28.0	44	15	0
	139	ZAGAZIG	01	6	32	2	0	0	-	14.0	28.1	44	15	0
		SHIBÎN EL KÔM	01	8	02	3	1	5	8	13.9	28.8	42	15	0
		ISMAÎLÎA	01	7	02	2	1	5	8	13.4	29.0	40	14	0
Cairo Area	928	FAROUK (Airport)	01	7	32	3	1	5	8	13	26	55	16	0
	141	ALMÂZA	01	8	32	2	1	5	6	12.9	27.8	30	10	0
		EZBEKÎYA	01	8	32	2	1	5	8	13.1	29.1	38	13	0
		GÎZA	01	8	32	2	1	5	8	13.2	27.9	37	12	0
	143	HELWÂN	00	7	28	4	0	2	8	13.0	26.4	38	10	0
Upper Egypt	153	FAIYÛM	01	8	32	3	1	3	8	12.8	28.2	38	12	0
		BENI SUEF	00	9	02	3	0	0	—	12.7	29.4	34	11	0
	162	MINYA	00	8	01	4	1	0	-	13	28	40	13	0
	155	ASYÛT	00	8	28	2	0	0	-	12.7	27.1	35	10	0
	164	NAG' HAMMÂDI	00	8	24	2	0	0	-	11.1	27.4	45	14	0
	156	QENA	00	9	24	2	0	0	-					0
	157	LUXOR	00	8	30	3	0	0	-	10	29	33	11	0
	158	ASWÂN	00	9	30	2	0	0	—	9.8	30.8	33	13	0
Oases	148	SIWA	00	8	00	0	0	0	-	17.8	32.3	54	21	0
	149	BAHARÎYA	01	8	32	1	1	3	4	15.0	28.0	33	10	0
		FARAFRA	00	8	28	3	0	0	-	16.3	27.5	39	13	0
	152	DAKHLA	00	9	32	4	0	0	-	13.5	27.4	34	10	0
	151	KHARGA	00	8	32	3	0	0	-	12.7	28.0	33	10	0
Red Sea	144	SUEZ	00	8	02	3	0	1	8	11.8	27.8	37	12	0
	145	TÔR	00	8	28	6	0	0	—	10.4	26.5	63	18	0
	163	HURGHÂDA	00	9	02	4	0	0	—	10	26	66	19	0
	147	QUSEIR	00	8	32	2	0	0	-	10.1	28.0	63	20	0
	208	PORT SÛDÂN	01		06		2	3	8,1		38	40	22	0
North Sûdân	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA												
	209	KHARTÛM												
	170	KASSALA												
Central Sûdân	171	WAD MEDANI	00	8		3		1	8		38	53	27	0
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FASHER												
	179	GENEINA	00	8	02	3	0	2			35	27	13	0
S. Sûdân	176	MALAKÂL	01	9	10	2	1	7		9	36	40	20	0
	177	WÂU	93	8	12	3	1	8	9		31	49	19	0
	178	JUBA								9	33	47	20	0

At 1800 on 3rd

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARANI	01	7	28	5	1	5	8	15.2	21.0	57	12	0
MATRÛH	25	7	29	4	5	7	9	15	23	41	18	4
EL DABA												
ALEXANDRIA	01	6	32	2	8	5	6	14.4	23.0	55	14	tr
FOUAD (Airport)	00	7	31	1	8	0	-	14.2	20	83	17	tr
DAMIETTA	00	7	28	2	1	0	-	14.2	22.0	62	14	0
PORT SAÏD	00	7	28	3	0	0	-	14	23	61	15	0
EL 'ARISH	00	9	28	3	0	0	-	13.5	23.7	81	20	0
DAMANHUR	00	6	04	2	0	2	8	14.6	20.2	83	17	0
MANSURA	00	6	04	2	1	0	-	14.3	21.8	66	15	0
TANTA	00	8	00	0	1	0	-	15.2	21.6	69	16	0
ZAGAZIG	00	6	32	2	1	0	-	14.5	21.0	82	18	0
SHIBÎN EL KÔM	00	7	02	2	0	0	-	15.0	24.4	60	16	0
ISMAÎLÎA	00	8	32	1	0	0	-	13.6	22.2	65	15	0
FAROUK (Airport)	00	7	04	3	0	0	-	14	23	61	15	0
ALMÂZA	00	7	32	2	1	0	-	14	23	65	16	0
EZBEKÎYA	00	7	00	0	0	0	-	14.2	22.0	64	15	0
GÎZA	00	7	00	0	0	0	-	14.0	23.0	56	14	0
HELWÂN	00	7	30	4	0	0	-	13.8	23.0	52	13	0
FAIYÛM	00	8	02	2	1	0	-	13.4	22.2	59	14	0
BENI SUEF	00	9	02	1	0	0	-	13.9	21.8	72	17	0
MINYA	00	7	32	2	0	0	-	13	20	73	15	0
ASYÛT	00	6	28	1	0	0	-	13.0	25.1	40	11	0
NAG' HAMMÂDI	00	8	00	0	0	0	-	12.0	22.8	67	16	0
QENA	00	6	24	2	0	0	—	10.3	20.4	38	05	0
LUXOR	00	7	27	2	0	0	-	10	26	42	12	0
ASWÂN												
SIWA	00	6	00	0	0	0	-	16.4	25.4	51	14	0
BAHARÎYA	00	7	28	1	1	0	-	15.0	24.0	42	10	0
FARAFRA												
DAKHLA	00	8	28	3	0	0	-	14.3	20.6	44	08	0
KHARGA	00	6	32	1	0	0	-	12.4	24.7	36	09	0
SUEZ	00		32	2	0	0	-	13.1	23.6	62	16	0
TÔR	00	8	28	4	0	0	-	10.4	27.0	42	13	0
HURGHÂDA	00	8	30	5	0	0	-	10	26	55	16	0
QUSEIR	00	8	30	2	0	0	-	10.2	21.0	68	15	0
PORT SÛDÂN												
WADI HALFA												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on MONDAY 4th

Station	Area	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Max. Yesterday TxTx	Diff. from norm.	Min. Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1
SIDI BARANI	Mediterranean	01	8	28	2	1	5	8	13.1		19.5	26		15		52	10	tr	tr	
MATRÛH		01	7	24	4	2	5	7	13		20	27		15		64	13	tr	4	
EL DABA																			0	
ALEXANDRIA		02	[illegible]	20	2	6	8	[illegible]	13.0	-2.6	19.7	27	-2	19	-2	85	16	2	2	0
FOUAD (Airport)		81	6	26	1	2	9	9,6	12.8		19	28		18		88	17	2	2	1
DAMIETTA		08	4	20	2	4	8	6	12.6	-2.1	21.8	26		16		80	18	3	0	0
PORT SAÏD		00	7	22	2	0	6	6	13		23	26		21		74	18	0	0	0
EL 'ARISH		01	9	20	3	1	3	8	12.6	-2.0	23.5	28	-1	17	-1	66	16	0	0	0
DAMANHÛR	Lower Egypt	01	6	20	2	1	5	8	13.4	-2.1	21.3	27	-4	17	-1	78	17	0	tr	0
MANSÛRA		01	7	24	1	1	3	4	13.6	-1.5	22.8	29	-3	16	-3	74	19	0	0	0
TANTA		00	8	20	1	0	0	-	13.9	-1.6	19.0	28	-4	14	-3	85	16	0	0	0
ZAGAZIG		00	6	20	2	0	0	-	14.2	-1.4	22.0	30	-2	15	-2	74	17	0	0	0
SHIBÎN EL KÔM		00	7	02	2	0	0	-	13.4	-2.0	18.9	30		16		81	16	0	0	0
ISMAÎLÎA		00	6	26	1	0	0	-	13.0		21.7	30		17		66	14	0	0	0
FAROUK (Airport)	Cairo Area	00	7	24	1	0	0	-	13		22	28		16		65	15	0	0	0
ALMÂZA		00	7	00	0	0	0	-	13		22	28		16		59	13	0	0	0
EZBEKÎYA		00	7	00	0	0	0	-	13.2	-1.8	20.5	30	-1	17	-2	73	16	0	0	0
GÎZA		00	7	00	0	0	0	-	13.4	-1.7	22.6	29	-2	14	-2	66	16	0	0	0
HELWÂN		05	6	00	0	0	0	—	13.4	-1.6	20.9	28	-3	16	-3	64	14	0	0	0
FAIYÛM	Upper Egypt	00	8	00	0	0	0	—	13.8	-1.3	21.8	29	-3	16	-2	70	16	0	0	0
BENI SUEF		00	9	00	0	0	0	-	13.4		21.7	30		14		67	16	0	0	0
MINYA		00	7	31	2	0	0	-	13		20	28		14		64	13	0	0	0
ASYÛT		00	7	22	1	0	0	-	13.5	-0.3	22.0	29	-2	17	-3	59	13	0	0	0
NAG' HAMMÂDI		00	8	00	0	0	0	-	11.6	-0.9	25.6	28		17				0	0	0
QENA		00	8	28	2	0	0	-	11.4	-1.2	23.4	31	-5	19	-1	65	16	0	0	0
LUXOR		00	8	00	0	0	0	—	12		25	30		17		45	12	0	0	0
ASWÂN		00	9	30	2	0	0	-	12.0	+0.4	23.7	32	-6	19	-4	60	15	0	0	0
SIWA	Oases	00	8	24	3	0	0	-	17.1	+0.3	19.0	32	-2	14	-2	72	14	0	0	0
BAHARÎYA		00	8	32	1	0	0	-	14.7	-1.1	20.0	24	-3	15	-2			0	0	0
FARAFRA																			0	0
DAKHLA		00	8	24	3	0	0	-	13.7	-0.5	20.3	29	-5	16	0	48	11	0	0	0
KHARGA		00	8	00	0	0	0	-	13.1	-0.2	24.0	29	-7	16	-4	51	13	0	0	0
SUEZ	Red Sea	00	6	00	0	0	0	-	12.3	-1.7	21.1	30	-2	16	-4	73	16	0	0	0
TOR		00	8						10.6	-1.2	25.5	28	-2	23	+3	45	13	0	0	0
HURGHADA		00	9	28	1	0	0	-	10		24	26		20		47	12	0	0	0
QUSEIR		00	8	32	4	0	0	-	10.3	-1.5	26.3	28	-3	22	-2	47	14	0	0	0
PORT SUDAN																		0	0	0
WÂDI HALFA	North Sûdân																	0	0	0
KAREIMA																		0	0	0
'ATBARA		05	5	20	4	0	0	-	9		27			23				0	0	0
KHARTÛM		01	8	30	3	1	5	8,2	9		29			24		66	22	0	0	0
KASSALA		01	8	26	4	1	7	1	8		28			24		55	18	0	0	0
WAD MEDANI	Central Sûdân																	0	0	1
RENK																		0	0	3
ROSEIRES																		0	0	2
EL OBEID		02	7	30	3	1	8	4,2	10		27			19		23	04	0	0	1
EL FÂSHER		00	8	16	2	0	2				24			17				0	0	0
GENEINA		02	7	06	3	0	8	4			26			18		23	03	0	0	0
MALAKAL	S. Sûdân																	0	0	8
WÂU																		0	0	10
JUBA																		0	0	8

HUMIDITY Mean of day

Station	on 3rd	Diff. from normal
Alexandria	53	-14
Ezbekîya	60	-5
Gîza	56	-12
Helwân	57	+3

GIZA
GRASS MINIMUM TEMP ON 4th 9.2 °C

Remarks

UPPER AIR OBSERVATIONS on 3rd

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT — ON … AT …

Height feet	Pressure mbs.	Dry °C	Wet °C
SURFACE			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT — RAWINSONDE — ON 4th AT 4

Pressure mbs.	Height feet	Temp °C	Humidity %	Wind DD	Wind VV
SURFACE		18	71	200	3
1000	340	17	75	20	3
950					
900	3250	10	65	290	13
850	4800	6	65	290	19
800	6410	1	65	280	14
700	11790	-1	-	240	12
600	13910	-7	-	220	23
500	18490	-15	45	230	51
400	20620	-36	-		
300					
250					
200					
150					
100					

Pilot balloon winds, 3rd

Station	SIDI BARANI				MATRUH				MARIUT				MINYA	
Time	15				14				15 30				15	
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	330	16			340	19			330	21			360	33
500	330	23			320	21			290	14			270	52
1000	330	22			300	25			300	16			10	13
1500	Ent Cb				300	29			290	20			10	18
2000					290	28							10	28
3000														
4000														
5000														
6000														
7000														
8000														

(Second block of stations for the 3rd — STATION, TIME, HEIGHT m. 200–8000 — left blank.)

UPPER AIR OBSERVATIONS on 4th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Station	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
Time			4	15	3	30	4		4				7	30	3				5		5		5	
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			300	8	90	4	280	6	310	4			290	5	360	17			320	18	340	5	310	13
500			300	12	90	3	320	4	320	6			330	6	40	30			310	17	360	19	300	9
1000			300	10	320	2	310	3	290	9			290	6	20	30			300	13	360	16	300	4
1500			310	12	Ent Cb		320	3	290	17					20	38			330	15	330	8	300	22
2000							320	3	280	9					350	30			300	23	320	5	290	32
3000							90	2	240	10									Ent Cb		210	8		
4000																								
5000									230	30														
6000																								
7000																								
8000																								

Station	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
Time			5		5	30	8																	
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			330	12	360	8	340	27																
500			350	6	360	15	360	30																
1000			340	18	360	13	330	26																
1500			340	10	350	15	330	25																
2000			320	10	310	11	320	25																
3000					260	11	320	13																
4000																								
5000																								
6000																								
7000																								
8000																								

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20 29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

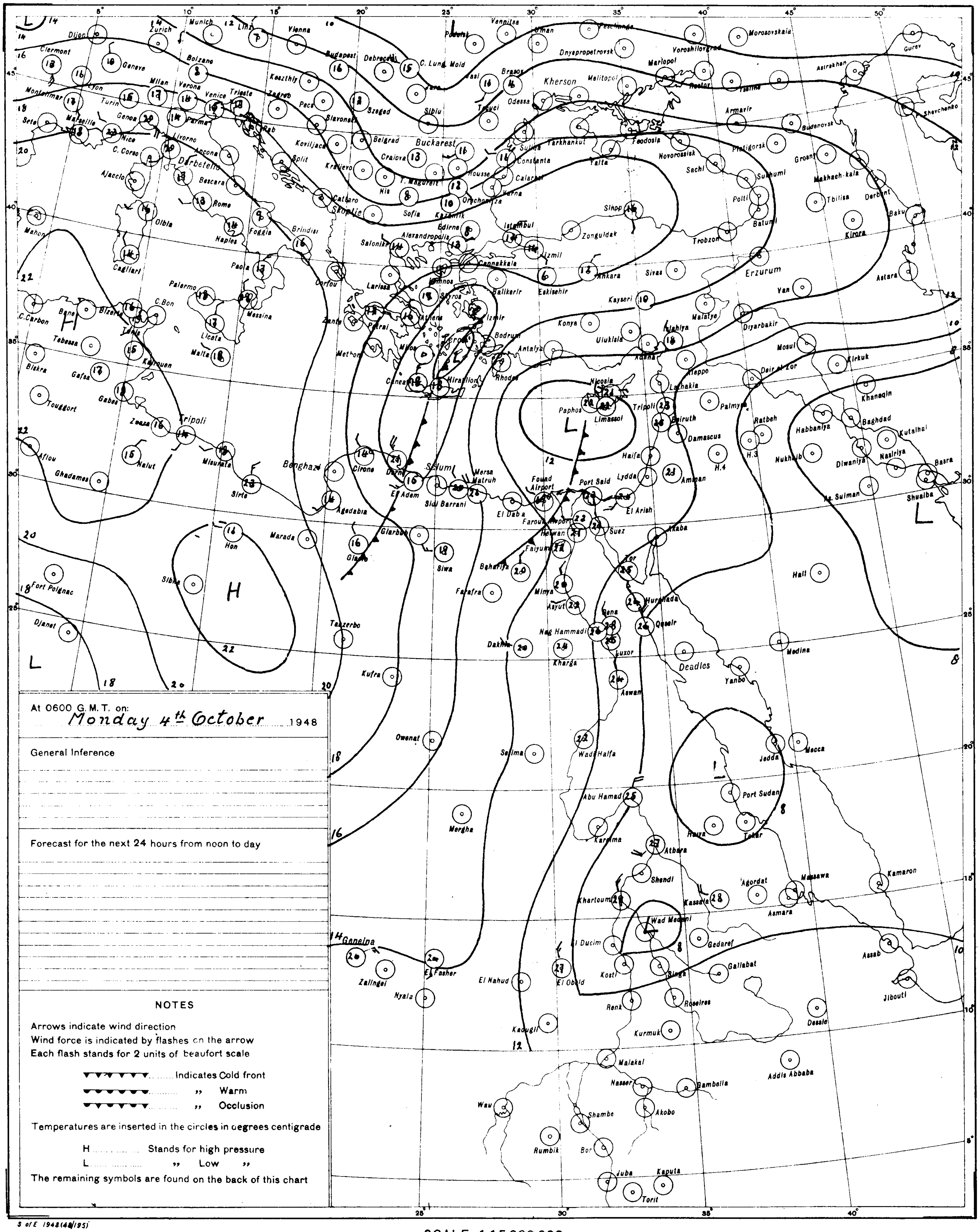
Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/195)

WEATHER BUREAU

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G. M. T. on:
Monday 4th October 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

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

Temperatures are inserted in the circles in degrees centigrade

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

The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 50 G.M.T.
" " Sunset 15 16 G.M.T.

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

DAILY WEATHER REPORT

Date: TUESDAY 5TH OCTOBER, 1948.

Form 91

WEATHER BUREAU

AREA	INDEX NUMBER	STATION	At 1200 on MONDAY 4TH: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR PRESS. M.S.L. mbs PPP	TEMP. °C TT	HUMIDITY % UU	DEW POINT °C.	RAIN 6-12 G.M.T. mms	At 1800 on MM: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs PPP	TEMP. °C TT	HUMIDITY % UU	DEW POINT °C.	RAIN 12-18 G.M.T. mms
MEDITERRANEAN	146	SIDI BARANI	50	6	28	5	9	8	7	11.6	19.9	65	13	9	13	4	28	4	5	8	7	11.8				
	160	MATRÛH	01	8	29	3	1	7	8	12	22			0	01	7	24	4	1	7	3.4	12	20	95	20	0
	134	EL DABA	21	7	28	3	5	8	9	11.5	21.7	69	16	R	00	6	28	2	0	0	-		21.2	70	15	0
	132	ALEXANDRIA	01	7	02	3	2	5	8	11.5	23.7	63	16	0	00	6	00	0	0	0	-	12.7	20.6	71	16	0
	150	FOUAD (Airport)	01	8	32	2	1	7	3.4	11.5	23	74	18	0	00	7	31	1	1	0	-	12	21	69	15	0
	159	DAMIETTA	01	8	28	3	1	3	8	11.5	24.2	51	15	0	07	8	02	2	1	3	7	11.5	24.8	72	17	0
	161	PORT SAÏD	00	7	01	2	0	1	8	11	25	54	15	0	00	7	08	2	0	1	8	11	23	65	16	0
	135	EL ARISH	00	9	28	4	0	1	8	11.8	25.7	78	22	0	00	9	32	4	0	0	-	12.0	23.2	82	20	0
LOWER EGYPT	136	DAMANHÛR	01	7	22	4	1	5	8	11.6	26.8	41	12	0	00	7	24	2	1	0	-	12.2	19.6	78	16	0
	137	MANSURA	01	8	24	2	1	5	8	11.1	27.5	47	15	0	00	6	28	2	1	0	-	11.8	20.8	82	18	0
	138	TANTA	01	8	24	2	1	7	8	12.3	28.3	40	13	0	01	8	2-	1	1	5	8	12.6	21.0	70	15	0
	139	ZAGAZIG	01	6	20	2	1	5	8	10.7	28.3	38	13	0	00	6	24	2	1	0	-	12.2	23.2			0
		SHIBIN EL KÔM	01	8	22	3	1	5	8	11.6	29.4	37	13	0	00	7	22	2	0	0	-	12.1	21.8	65	15	0
		ISMAÏLIA	01	7	08	1	1	5	4	10.6	28.0	36	12	0	00	7	02	1	0	0	-	11.5	23.4	59	14	0
CAIRO AREA	928	FAROUK(Airport)	01	8	24	4	1	5	8	11	26	51	15	0	00	7	00	0	0	0	-	11	23	60	15	0
	141	ALMÂZA	01	7	28	3	1	5	8	10.8	25.5	54	14	0	00	7	00	0	0	0	-	11.3	24.1	38	09	0
		EZBEKÎYA	01	8	20	2	0	0	-	11.0	26.6	33	09	0	00	7	26	1	1	0	-	12.0	21.5	69	16	0
		GÎZA	01	8	20	2	0	0	-	11.2	30.1	35	13	0	00	7	26	1	1	0	-	12.4	21.2	65	14	0
	143	HELWÂN	01	9	28	2	1	5	8	10.6	26.1	37	10	0	00	7	28	3	1	0	1	6	11.4	24.0	33	06	0
UPPER EGYPT	153	FAIYÛM	01	8	30	2	1	5	8	10.7	28.3	27	07	0	01	8	02	1	1	5	8	11.4	21.0	75	16	0
		BENI SUEF	01	7	30	2	0	5	8	11.1	29.6	36	13	0	00	9	28	1	0	0	-	10.4	21.0	70	15	0
	162	MINYA	00	8	28	5	1	1	8	12	29	23	06	0	00	7	28	2	0	0	-	13	20	46	08	0
	155	ASYÛT	00	8	20	1	0	0	-	11.6	28.0	33	10	0	00	6	28	1	0	0	-	12.4	23.8	40	10	0
	164	NAG' HAMMÂDI	00	8	24	1	0	0	-	9.6	29.2	38	13	0	00	8	00	0	0	0	-	11.1	22.0	56	14	0
	156	QENA	00	9	24	2	0	0	-	8.3	32.8	24	10	0	00	6	24	2	0	0	-	10.3	26.0	38	10	0
	157	LUXOR	00	8	28	3	0	0	-	9	31	28	10	0	00	7	28	3	0	0	-	10	26	37	10	0
	158	ASWÂN	00	9	32	2	0	0	-	9.0	31.3	28	11	0	00	9	32	2	0	0	-	9.9	29.0	30	10	0
OASES	148	SIWA	00	8	24	5	0	0	-	16.0	25.5	61	18	0	00	6	00	0	0	0	-		22.5	66	15	0
	149	BAHARÎYA	01	8	24	1	1	3	4	13.0	26.0	35	09	0	00	7	00	0	1	0	-	13.4	21.0	41	07	0
		FARAFRA	02	8	26	3	1	5	4	13.2	28.5	38	12	0												
	152	DAKHLA	00	9	24	3	0	0	-	11.9	28.3	30	09	0	00	8	24	2	0	0	-	13.1	25.0	33	08	0
	151	KHARGA	00	9	32	1	0	0	-	10.4	29	20	04	0	00	6	00	0	0	0	-	11.6	24.7	24	08	0
RED SEA	144	SUEZ	01	8	00	0	1	5	8	11.3	27.6	40	13	0	00		00	0	0	0	-	10.4	22.8	46	12	0
	145	TÛR	00	8	25	4	0	0	-	10.7	27.5	52	17	0	00	8	28	3	0	0	-	10.3	26.1	34	10	0
	163	HURGHÂDA	00	9	02	4	0	0	-	10	26	42	18	0	00	8	26	2	0	0	-	10	24	50	13	0
	147	QUSEIR	00	8	32	3	0	0	-	9.0	27.8	45	21	0	00	8	30	2	0	0	-	9.5	25.0	48	19	0
	208	PORT SÛDAN																								
NORTH SÛDAN	165	WADI HALFA																								
	166	KAREIMA																								
	167	ʿATBARA																								
	209	KHARTÛM																								
	170	KASSALA																								
CENTRAL SÛDAN	171	WAD MEDANI																								
	182	RENK																								
	172	ROSEIRES																								
	174	EL OBEID																								
	175	EL FÂSHER																								
	179	GENEINA																								
S. SÛDAN	176	MALAKÂL																								
	177	WÂU																								
	178	JUBA																								

AREA	INDEX NUMBER	STATION	At 0600 on TUESDAY 5.10: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESSURE M.S.L. mbs. PPP	Diff. from normal mbs.	TEMPERATURE °C. -Dry Bulb TT	MAXIMUM Yesterday TxTx	MAXIMUM Diff. from norm.	MINIMUM Today TnTn	MINIMUM Diff. from norm.	HUMIDITY % UU	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct 1	RAINFALL mms. Norm. From Oct 1	STATION	AREA
MEDITERRANEAN	146	SIDI BARANI	01	8	20	5	9	3	8	10.8		17.8	23		13		76	14	16			SIDI BARANI	MEDITERRANEAN
	160	MATRÛH	01	8	25	4	0	3	9	12		18	24		14		64	11	0			MATRÛH	
	134	EL DABA	00	8	20	3	0	0	-	11.2		19.2	26		12		61	11	R			EL DABA	
	132	ALEXANDRIA	01	9	20	3	1	5	8	13.1	-2.6	20.4	26	-3	17	-4	61	12	0	2	0	ALEXANDRIA	
	150	FOUAD (Airport)	00	7	22	2	0	6	8	12.6		20			20		69	14	0	2	1	FOUAD (Airport)	
	159	DAMIETTA	00	8	20	3	0	0	-	13.1	-1.7	20.7	27		15		74	16	0	0	0	DAMIETTA	
	161	PORT SAÏD	00	7	23	3	0	6	8	13		22	27		20		78	18	0	0		PORT SAÏD	
	135	EL ARISH	01	9	20	3	1	5	8	12.7	-2.0	23.9	27	-2	19	+1	63	16	0	0	0	EL ARISH	
LOWER EGYPT	136	DAMANHÛR	00	5	24	2	0	2	8	13.1	-2.5	19.3	28	-3	14	-4	75	14	0	4	0	DAMANHÛR	LOWER EGYPT
	137	MANSURA	00	8	16	1	0	0	-	13.5	-1.7	22.0	29	-3	15	-3	70	16	0	0	0	MANSURA	
	138	TANTA	00	8	20	1	1	0	-	13.1	-2.5	20.0	28	-4	12	-5	76	16	0	0	0	TANTA	
	139	ZAGAZIG	00	6	16	2	0	0	-	13.0	-2.7	21.5	29	-2	15	-2	78	18	0	0	0	ZAGAZIG	
		SHIBIN EL KÔM	00	7	02	2	0	0	-	12.7	-2.8	19.2	31		16		77	15	0	0		SHIBIN EL KÔM	
		ISMAÏLIA	00	7	22	1	0	0	-	13.2		21.7	30		13		69	16	0	0		ISMAÏLIA	
CAIRO AREA	928	FAROUK(Airport)	00	7	18	2	0	0	-	14		19			17		76	13	0	0		FAROUK(Airport)	CAIRO AREA
	141	ALMÂZA	00	7	18	3	0	0	-	14.4	-0.7	21.5	28		16		49	09	0	0		ALMÂZA	
		EZBEKÎYA	00	7	16	1	0	0	-	14.0	-1.1	18.8	28	-3	13	-1	72	14	0	0	0	EZBEKÎYA	
		GÎZA	00	7	16	1	0	0	-	14.0	-1.2	21.0	31	0	14	-2	48	15	0	0	0	GÎZA	
	143	HELWÂN	00	6	16	2	0	0	-	14.3	-0.8	18.9	28	-3	15	-4	69	13	0	0	0	HELWÂN	
UPPER EGYPT	153	FAIYÛM	00	8	00	0	0	0	-	14.6	-0.6	22.0	29	-3	15	-3	58	13	0	0	0	FAIYÛM	UPPER EGYPT
		BENI SUEF	00	9	18	1	0	0	-	14.6		22.4	30		14		56	13	0	0		BENI SUEF	
	162	MINYA	00	7	00	0	0	0	-	14		19	30		11		56	10	0	0		MINYA	
	155	ASYÛT	00	7	22	1	0	0	-	14.1	+0.2	21.6	29	-2	16	-4	46	10	0	0	0	ASYÛT	
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	14.0	+1.4	24.2	29		14		57	15	0	0		NAG' HAMMÂDI	
	156	QENA	00	8	24	2	0	0	-	13.3	+0.6	21.1	32	-3	18	-2	56	12	0	0		QENA	
	157	LUXOR	00	8	06	1	0	0	-	14		23	32		16		44	10	0	0		LUXOR	
	158	ASWÂN	00	9	32	3	0	0	-	14.3	+2.6	25.4	32	-6	19	-3	45	12	0	0		ASWÂN	
OASES	148	SIWA	00	7	24	1	0	0	-	15.5	-1.3	19.5	28	-5	14	-2	52	10	0	0	0	SIWA	OASES
	149	BAHARÎYA	00	8	20	1	0	0	-	14.8	+1.0	20.2	27	-5	12	-5	59	09	0	0	0	BAHARIYA	
		FARAFRA																		0		FARAFRA	
	152	DAKHLA	00	8	24	1	0	0	-	16.2	+1.9	20.0	29	-6	14	-5	47	08	0	0		DAKHLA	
	151	KHARGA	00	8	00	0	0	0	-	14.3	+0.7	22.3	31	-5	14	-6	47	10	0	0		KHARGA	
RED SEA	144	SUEZ	00	7	00	0	0	0	-	13.8	-0.3	20.7	29	-3	17	-3	76	16	0	0	0	SUEZ	RED SEA
	145	TÛR	00	8	28	2	0	0	-	12.8	+0.8	25.0	29	+1	19	-1	54	14	0	0	0	TÛR	
	163	HURGHADA	00	7	26	3	0	0	-	12		25	26		19		47	13	0	0		HURGHADA	
	147	QUSEIR	00	8	28	2	0	0	-	12.0	+0.1	25.7	29	-2	20	-4	42	12	0	0	0	QUSEIR	
	208	PORT SUDAN																	0	0	1	PORT SUDAN	
NORTH SÛDAN	165	WADI HALFA																	0	0		WÂDI HALFA	NORTH SÛDAN
	166	KAREIMA																	0	0	0	KAREIMA	
	167	ʿATBARA																	0	0	0	ʿATBARA	
	209	KHARTÛM	00	8	32	3	0	2		10		29							0	0	0	KHARTÛM	
	170	KASSALA																	0	0	1	KASSALA	
CENTRAL SÛDAN	171	WAD MEDANI																	0	0	1	WAD MEDANI	CENTRAL SÛDAN
	182	RENK																	•	•	4	RENK	
	172	ROSEIRES																	•	•	3	ROSEIRES	
	174	EL OBEID																	•	•	1	EL OBEID	
	175	EL FÂSHER																	•	•	0	EL FÂSHER	
	179	GENEINA																	•	•	1	GENEINA	
S. SÛDAN	176	MALAKÂL																	0	3	12	MALAKAL	S. SÛDAN
	177	WÂU																	12	26	15	WÂU	
	178	JUBA																	0	•	12	JUBA	

HUMIDITY

Mean of day

STATION	on 4TH	Diff. from normal
Alexandria	76	+9
Ezbekîya	65	0
Giza	60	-8
Helwân	42	-12

GIZA

GRASS MINIMUM TEMP ON 5TH 9.0 °C

Remarks

UPPER AIR OBSERVATIONS on 4.TH

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT — ON ___ AT ___

HEIGHT FEET	PRESSURE mbs	DRY °C	WET °C	WIND DD	WIND VV
SURFACE					
500					
1000					
1500					
2000					
3000					
4000					
6000					
8000					
10000					
12000					
14000					
16000					
18000					
20000					

FAROUK AIRPORT RAWINSONDE — ON 5.TH AT 4

	PRESSURE mbs	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE			17	70	170	6
1000	34a	18	65	170	6	
950						
900	330a	14	65	230	15	
850	487a	10	55	240	15	
800	6550	6	55	230	18	
700	10050	3	25	210	26	
600	14090	-5	-	220	37	
500	18450	-11	-	220	67	
400						
300	31040	-32	-	220	94	
250						
200	40010	-48	-			
150						
100						

STATION	SIDI BARANI				FOUAD A.P.				MATRUH				PORT SAÏD			
TIME	15				15				14	15			14	15		
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	290	25			360	11			250	20			30	7		
500	300	19			360	12			240	23			190	6		
1000	300	20			360	15			230	27			200	12		
1500	300	15			350	18			220	16			210	9		
2000	300	15							220	24			220	9		
3000	290	24											260	3		
4000	300	20											360	4		
5000	300	26											260	2		
6000																
7000																
8000																

STATION	MINYA															
TIME	15															
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	290	23														
500	300	17														
1000	300	20														
1500	300	16														
2000	320	11														
3000																
4000																
5000																
6000																
7000																
8000																

UPPER AIR OBSERVATIONS on 5.TH

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMAZA		HELWAN		MINYA		ASYUT		LUXOR		ASWAN		SIWA	
TIME	5		4	15	3	30	4	15	4		8	45	7	15	3	30					5		5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	240	18	260	16	340	15	250	7			220	5	160	6	320	8					350	10	300	10
500	270	20	280	15	350	16	260	3			210	7	210	8	320	13					360	16	280	10
1000	280	14	280	17	360	21	290	3	250	13	250	30	260	16	310	21					360	16	280	11
1500	300	16	290	15			330	3	250	12	240	16	270	15	310	14					360	5	290	14
2000	300	14	290	16			330	3	230	17					300	14					200	10	290	22
3000			290	15					210	23											220	10	280	26
4000			300	16																				
5000									220	41														
6000									220	44														
7000																								
8000																								

STATION	BAHARIYA		DAKHLA		KHARGA		HURGHADA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME			5		5	15	8																	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			260	3	360	8	320	23																
500			320	3	20	12	320	27																
1000			320	6	310	1	320	24																
1500			270	10	290	15	310	18																
2000			290	27	260	16	210	18																
3000					210	23	190	13																
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

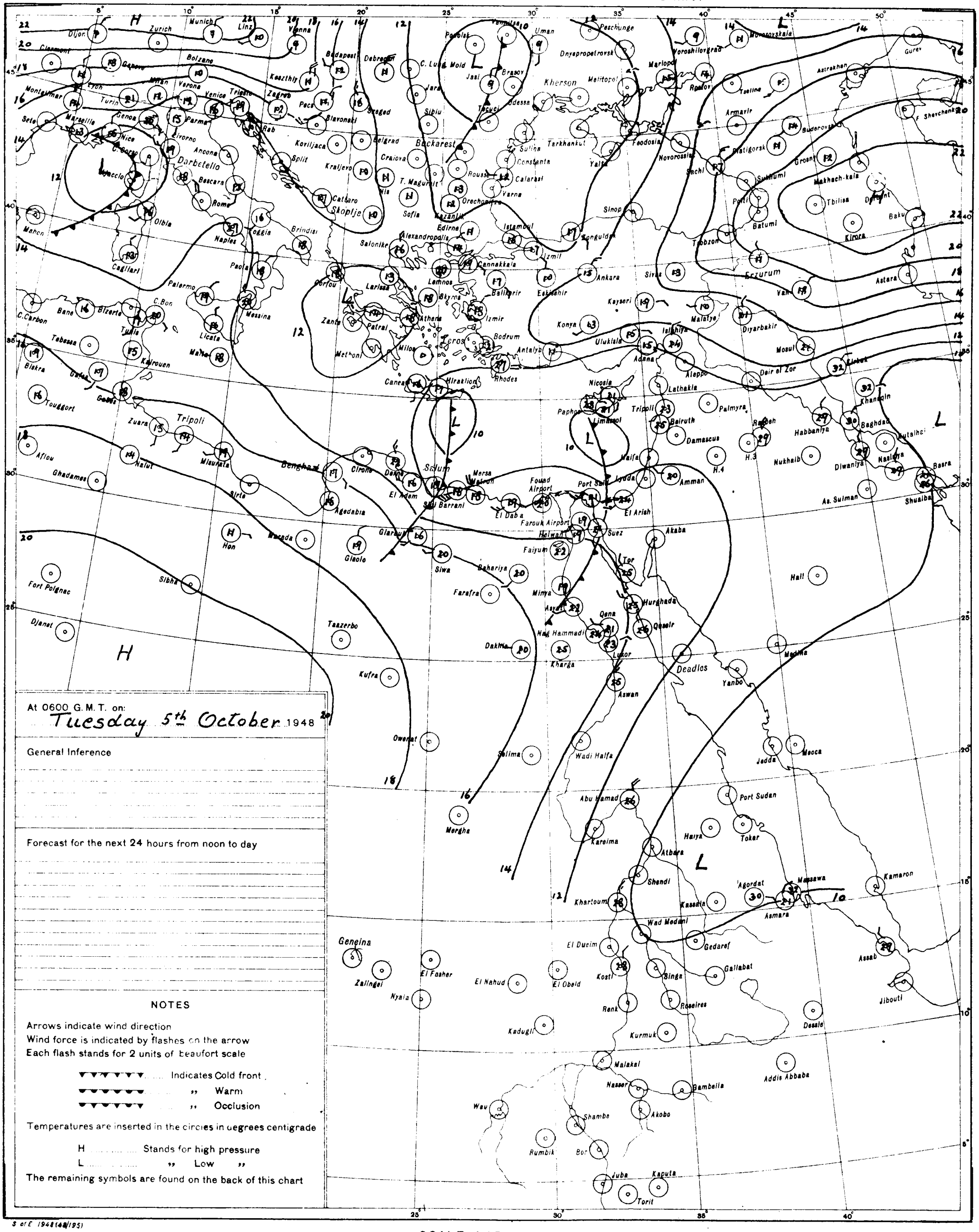
	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
Tuesday 5th October 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of Beaufort scale

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

Temperatures are inserted in the circles in degrees centigrade

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

The remaining symbols are found on the back of this chart

S. of E. 1948 (40) 195)

SCALE 1:15,000,000

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

CAIRO
Time of Sunrise 03 51 G.M.T
" " Sunset 15 35 G.M.T

DAILY WEATHER REPORT

Date : WEDNESDAY 6TH OCTOBER, 1948.

WEATHER BUREAU

AREA	INDEX NUMBER	STATION	At 1200 on TUESDAY 5TH: PRESENT WEATHER ww	VISIBILITY	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C TT	HUMIDITY % UU	DEW POINT °C	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W	N	C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARANI	01	8	28	4	5	5	8	11.8	23.0	54	13	dr.
	160	MATRÛH	01	8	30	5	1	7	8	13	24	54	14	0
	134	EL DABA	01	7	28	2	1	3	8		23.9	59	16	0
	132	ALEXANDRIA	01	9	24	3	2	3	8	13.2	24.2	38	9	0
	150	FOUAD (Airport)	00	8	25	4	0	2	8	12.9	25	45	12	0
	159	DAMIETTA	01	8	20	3	1	3	8	13.0	26.5	35	9	0
	161	PORT SAÏD	00	8	24	2	0	2	6	13	27	40	12	0
	135	EL ARISH	01	9	28	5	1	7	8	13.1	25.6	51	15	0
LOWER EGYPT	136	DAMANHUR	01	7	24	5	1	5	8	12.7	26.4	36	10	0
	137	MANSURA	01	8	24	2	1	5	8	13.2	27.0	34	10	0
	138	TANTA	01	8	20	2	1	5	8	13.9	27.0	35	10	0
	139	ZAGAZIG	01	6	28	3	1	5		13.5	27.5	35	11	0
		SHIBIN EL KOM	01	8	02	4	1	5	8	13.1	28.8	28	9	0
		ISMAILIA	01	7	26	1	1	3	4	13.2	28.0	30	9	0
CAIRO AREA	928	FAROUK(Airport)	01	8	22	5	1	3	6	13	29	40	14	0
	141	ALMAZA	01	8	26	4	1	5	8	13	27	27	6	0
		EZBEKIYA	02	8	22	1	2	8	8	13.1	27.8	30	8	0
		GIZA	02	8	22	1	2	8	8	12.8	29.2	24	6	0
	143	HELWAN	01	8	18	3	1	5	8	13.0	27.3	27	6	0
UPPER EGYPT	153	FAIYUM	01	8	32	1	1	3	8	13.0	27.9	31	9	0
		BENI SUEF	01	9	18	2	0	5	8	13.1	29.1	42	15	0
	162	MINYA	00	8	29	2	0	0	—	14	28	23	5	0
	155	ASYUT	00	8	26	1	0	0	—	13.9	26.5	28	6	0
	164	NAG' HAMMADI	00	8	26	1	0	0	—	13.0	29.2	33	11	0
	156	QENA	00	9	26	3	0	0	—	12.3	29.4	34	12	0
	157	LUXOR	00	8	24	2	0	0	—	12	30	16	1	0
	158	ASWAN	00	9	32	2	0	0	—	11.8	30.5	29	10	0
OASES	148	SIWA	00	8	24	2	0	0	—	15.2	26.4	53	16	0
	149	BAHARIYA	01	8	24	1	1	5	4	13.4	29.3	28	9	0
		FARAFRA	01	8	28	1	0	3	4	14.7	29.0	40	14	0
	152	DAKHLA	00	9	28	3	0	0	—	13.7	27.4	32	9	0
	151	KHARGA	00	9	30	4	0	0	—	13.1	30.0	21	5	0
RED SEA	144	SUEZ	01		08	1	1	5	8	13.5	27.9	38	12	0
	145	TOR	00		28	5	0	0	—	12.4	27.5	46	15	0
	163	HURGHADA	00	9	02	3	0	0	—	12	26	70	20	0
	147	QUSEIR	00	8	02	2	0	0	—	11.6	27.3	58	18	0
	208	PORT SUDAN	00	8	04	4	1	3	—	8	31	66	24	0
NORTH SUDAN	165	WADI HALFA												0
	166	KAREIMA	00	8	30	3	0	0	—	9	35	13	3	0
	167	ATBARA	00	7	22	4	1	0	—	6	37	13	4	0
	209	KHARTUM	01	8	30	3	0	3	4	7	37	17	8	0
	170	KASSALA	01	8	32	1	0	3	8	4	38	21	12	0
S. SUDAN CENTRAL SUDAN	171	WAD MEDANI	02	8	08	2	0	10	1	6	36	15	6	0
	182	RENK	01	9	20	1	1	7	8		35	47	22	0
	172	ROSEIRES	01	8	24	2	1	3	5	8	31	49	19	0
	174	EL OBEID												
	175	EL FASHER	01	8	04	1	1	3	8		29	33	11	0
	179	GENEINA	01	8	16	3	1	5	8		35	27	13	0
	176	MALAKAL	02	8	00	0	1	9	8,4	7	31	55	21	0
	177	WAU	11	8			2	8	9		38	38	21	0
	178	JUBA	01	8	30	2	1	3	9,5	4	34	41	19	0

AREA	INDEX NUMBER	STATION	At 1800 on TUESDAY 5TH: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C TT	HUMIDITY % UU	DEW POINT °C	RAIN 12-18 G.M.T. mms
MEDITERRANEAN	146	SIDI BARANI	00		30	2	0	0	—	14.3	20.6	66	14	0
	160	MATRÛH	01	7	30	3	1	5	8	15	21	61	13	0
	134	EL DABA	00	7	28	2	0	0	—		20.8	77	17	0
	132	ALEXANDRIA	00	6	04	2	0	0	—	15.5	22.0	58	13	0
	150	FOUAD (Airport)	00	7	28	1	0	0	—	14.7	21	57	12	0
	159	DAMIETTA	00	8	28	1	1	0	—	15.0	21.2	61	13	0
	161	PORT SAÏD	00	7	32	3	0	0	—	15	24	54	14	0
	135	EL ARISH	00	9	28	4	0	0	—	15.0	23.7	49	13	0
LOWER EGYPT	136	DAMANHUR	00	7	24	2	1	0	—	14.8	19.0	68	13	0
	137	MANSURA	00	6	04	2	1	0	—	15.4	20.5	65	13	0
	138	TANTA	0	8	00	0	1	5	8	15.1	21.0	65	14	0
	139	ZAGAZIG	00	6	32	2	0	0	—	15.0	20.0	72	15	0
		SHIBIN EL KOM	00	7	02	2	1	0	—	14.3	22.0	63	15	0
		ISMAILIA	00	7	00	0	0	0	—	14.6	22.5	48	10	0
CAIRO AREA	928	FAROUK(Airport)	00	7	00	0	0	0	—	15	23	61	15	0
	141	ALMAZA	00	7	29	1	1	0	—	15.0	23.3	36	8	0
		EZBEKIYA	01	7	00	0	1	5	8	15.9	22.3	45	9	0
		GIZA	01	7	00	0	1	5	8	15.0	21.0	57	12	0
	143	HELWAN	01	7	28	3	1	3	6	15.0	23.8	30	5	0
UPPER EGYPT	153	FAIYUM	00	8	02	1	1	0	—	15.0	21.6	67	15	0
		BENI SUEF	00	9	28	1	0	0	—	15.8	22.9	57	14	0
	162	MINYA	00	7	00	0	0	0	—	15	19	64	13	0
	155	ASYUT	00	6	26	1	0	0	—	15.4	21.3	47	9	0
	164	NAG' HAMMADI	00	8	00	0	0	0	—	14.6	21.0	58	12	0
	156	QENA	00	6	24	2	0	0	—	13.2	22.8	57	14	0
	157	LUXOR	00	7	00	0	0	0	—	14	24	36	8	0
	158	ASWAN	00	9	32	2	0	0	—	12.6	28.3	33	10	0
OASES	148	SIWA	00	6	00	0	0	0	—	15.9	22.3	42	8	0
	149	BAHARIYA	00	7	32	1	1	0	—	15.4	22.8	40	9	0
		FARAFRA	00	7	24	1	0	0	—	15.9	22.1	54	12	0
	152	DAKHLA	00	8	24		0	0	—	15.3	24.4	36	8	0
	151	KHARGA	00	7	32	1	0	0	—	14.3	23.8	24	2	0
RED SEA	144	SUEZ	00		00	0	0	0	—	15.0	23.8	41	10	0
	145	TOR	00	8	28	2	0	0	—	13.2	25.8	22	3	0
	163	HURGHADA												
	147	QUSEIR												
	208	PORT SUDAN												
NORTH SUDAN	165	WADI HALFA												
	166	KAREIMA												
	167	ATBARA												
	209	KHARTUM												
	170	KASSALA												
S. SUDAN CENTRAL SUDAN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FASHER												
	179	GENEINA												
	176	MALAKAL												
	177	WAU												
	178	JUBA												

AREA	INDEX NUMBER	STATION	At 0600 on WEDNESDAY 6TH: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR. PRESSURE M.S.L. mbs. PPP	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C Dry Bulb TT	TEMPERATURE °C MAXIMUM Yesterday T_xT_x	TEMPERATURE °C MAXIMUM Diff. from norm.	TEMPERATURE °C MINIMUM Today T_nT_n	TEMPERATURE °C MINIMUM Diff. from norm.	HUMIDITY % UU	DEW POINT °C	RAINFALL mms Past 24 hrs	RAINFALL mms Total From Oct 1	RAINFALL mms Norm From Oct 1
			ww	V	DD	F	W	N	C	PPP		TT	T_xT_x		T_nT_n		UU				
MEDITERRANEAN	146	SIDI BARANI	01	8	20	2	0	3	8	17.5		21.2	24		13		69	15	dr.		
	160	MATRÛH	01	8	26	2	1	7	6	18		20			15		69	14	0	4	
	134	EL DABA	00	8	32	2	0	0	—			21.8	26		18		45	10	0	0	
	132	ALEXANDRIA	02	9	04	3	1	8	4	18.0	+2.2	22.8	25	−4	19	−2	53	13	0	2	1
	150	FOUAD (Airport)	00	8	00	0	0	2	6	18		21	26		19		74	16	0	2	1
	159	DAMIETTA	00	8	20	2	1	1	8	17.4	+2.6	22.0	27		15		64	15	0	0	1
	161	PORT SAÏD	00	7	25	3	0	1	8	18		23	27		20		61	15	0	0	
	135	EL ARISH	00	9	16	2	0	1	8	17.9	+3.2	23.1	28	−1	15	−3	59	15	0	0	0
LOWER EGYPT	136	DAMANHUR	01	6	20	3	1	3	8	18.0	+2.3	21.2	28	−3	16	−2	62	13	0	dr.	0
	137	MANSURA	00	8	20	1	0	0	—	18.0	+2.7	21.8	28	−4	15	−3	66	15	0	0	0
	138	TANTA	00	8	00	0	0	0	—	18.6	+2.9	19.0	28	−3	12	−5	72	14	0	0	0
	139	ZAGAZIG	00	6	16	2	0	0	—	18.3	+2.5	22.4	29	−2	14	−3	63	15	0	0	0
		SHIBIN EL KOM	00	7	30	2	0	1	8			19.4	31		15		74	14	0	0	
		ISMAILIA	00	7	28	1	0	0	—	17.4		22.3	28		16		56	13	0	0	
CAIRO AREA	928	FAROUK(Airport)	00	7	00	0	0	0	—	18		20	28		15		61	13	0	0	
	141	ALMAZA	00	7	00	0	0	0	—	17.7		20.8	28		16		53	11	0	0	
		EZBEKIYA	00	7	32	1	0	0	—	18.2	+3.0	20.0	29	−2	16	−2	61	12	0	0	0
		GIZA	00	7	32	1	0	0	—	18.3	+3.0	20.2	30	0	12	−4	66	13	0	0	0
	143	HELWAN	00	6	04	1	0	0	—	17.2	+2.0	21.1	29	−2	16	−3	56	12	0	0	0
UPPER EGYPT	153	FAIYUM	00	8	00	0	0	0	—	18.6	+3.3	21.2	29	−3	14	−4	54	11	0	0	0
		BENI SUEF	00	9	18	1	0	0	—	18.0		22.6	29		13		48	11	0	0	
	162	MINYA	00	7	31	2	0	0	—	18		19	29		12		52	9	0	0	
	155	ASYUT	00	7	28	1	0	0	—	17.4	+3.4	22.6	28	−3	17	−2	54	13	0	0	0
	164	NAG' HAMMADI	00	8	00	0	0	0	—	16.3	+3.0	23.4	29		14		52	13	0	0	
	156	QENA	00	8	24	2	0	0	—	15.8	+3.0	22.0	30	−6	17	−3	49	11	0	0	
	157	LUXOR	00	8	00	0	0	0	—	16		25	31		18		30	6	0	0	
	158	ASWAN	00	9	02	2	0	0	—	15.4	+3.6	23.4	32	−6	18	−4	39	8	0	0	
OASES	148	SIWA	00	7	00	0	0	0	—	19.2	+2.3	18.5	25	−8	12	−4	63	11	0	0	0
	149	BAHARIYA	00	8	28	1	0	0	—	17.9	+2.0	19.0	30	−2	12	−5	54	10	0	0	0
		FARAFRA	00	8	20	1	0	0	—	18.0		19.4	29		11		57	10	0	0	
	152	DAKHLA	00	8	24	1	0	0	—	17.7	+3.3	21.0	29	−6	12	−7	41	7	0	0	
	151	KHARGA	00	8	02	1	0	0	—	16.3	+2.8	22.7	32	−3	14	−6	35	7	0	0	
RED SEA	144	SUEZ	00	7	00	0	0	0	—	15.9	+1.7	20.7	31	−1	16	−4	66	14	0	0	0
	145	TOR	00	9	28	2	0	0	—	14.6	+2.4	26.2	30	0	21	+1	77	22	0	0	0
	163	HURGHADA	00	9	25	2	0	0	—	15		25	26		16		42	11	0	0	
	147	QUSEIR	00	6	30	2	0	0	—	14.0	+2.0	26.6	30	−1	21	−3	39	12	0	0	0
	208	PORT SUDAN																	0	0	1
NORTH SUDAN	165	WADI HALFA																	0	0	
	166	KAREIMA	18	5	02	5	3	0	—	13		26			21		18	0	0	0	0
	167	ATBARA													24				0	0	0
	209	KHARTUM																	0	0	0
	170	KASSALA	01	8	16	2	1	5	2	11		29					70	23	0	0	1
S. SUDAN CENTRAL SUDAN	171	WAD MEDANI																	0	0	2
	182	RENK																			6
	172	ROSEIRES																	0	0	4
	174	EL OBEID																	0	0	2
	175	EL FASHER																	0	0	1
	179	GENEINA																	0	0	1
	176	MALAKAL	02	8	00	0	1	10	4	10								21	0	3	16
	177	WAU	02	8	14	2	1	8	4	12		24					79	20	8	34	20
	178	JUBA																	15	15	16

HUMIDITY

Mean of day

STATION	on 5TH	Diff. from normal
Alexandria	58	−9
Ezbekiya	53	−12
Giza	57	−11
Helwan	44	−10

GIZA GRASS MINIMUM TEMP

ON 6TH 7.8 °C

Remarks

UPPER AIR OBSERVATIONS on 5TH

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT

ON ... AT ...

HEIGHT FEET	PRESSURE mbs	DRY °C	WET °C
SURFACE			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT RAWINSONDE

ON 6TH AT 3

PRESSURE mbs	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		18	66	130	9
1000	480	18	65	130	9
950					
900	3430	14	65	10	9
850	5000	11	55	330	8
800	6650	7	55	360	12
700	10230	4	35	290	10
600	14300	0		300	19
500	19050	−6		290	12
400		−19			
300	31430	−37		240	23
250					
200	40340	−61		240	
150					
100					

STATION	Matruh		Fouad A.P.		Port Said		Minya	
TIME	14		15		15		15	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV
200	320	20	290	9	250	10	290	15
500	310	21	260	16	240	9	290	20
1000	290	15	260	19	230	6	300	16
1500	260	15	260	16	230	6	290	19
2000					260	4	290	16
3000					240	3	300	20
4000								
5000								
6000								
7000								
8000								

STATION								
TIME								
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV
200								
500								
1000								
1500								
2000								
3000								
4000								
5000								
6000								
7000								
8000								

UPPER AIR OBSERVATIONS on 6TH

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARANI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMAZA		HELWAN		MINYA		ASYUT		LUXOR		ASWAN		SIWA	
TIME	5		4		3		4		3				6 45		3						5		5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			350	14	320	10	270	3	90	9			10	8	30	11					10	5	60	12
500	350	9	350	14	320	11	330	2	50	9			40	7	20	13					20	19	60	9
1000	360	9	360	15	310	13	320	10	10	8			30	7	20	13					20	8	360	10
1500	100	11	340	16	310	15	280	8	330	8			10	12	270	15					240	5	350	20
2000			330	16	330	19	280	12	290	10			310	12	10	13					210	8	360	8
3000							280	9	270	10			310	3									350	11
4000									310	15			30	2									10	12
5000									300	17													10	16
6000									270	16														
7000																								
8000																								

STATION	BAHARIYA		DAKHLA		KHARGA		HURGHADA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME			5		5 15		8																	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			350	5	20	14	330	33																
500			10	10	20	17	320	21																
1000			360	10	360	15	320	24																
1500			350	10	360	12	320	12																
2000			340	10	310	6	250	9																
3000					280	6	180	14																
4000							190	17																
5000							220	17																
6000																								
7000																								
8000																								

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20 29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " "	42
Fog in patches	49
Drizzle	50 59
Rain	60 69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70 79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

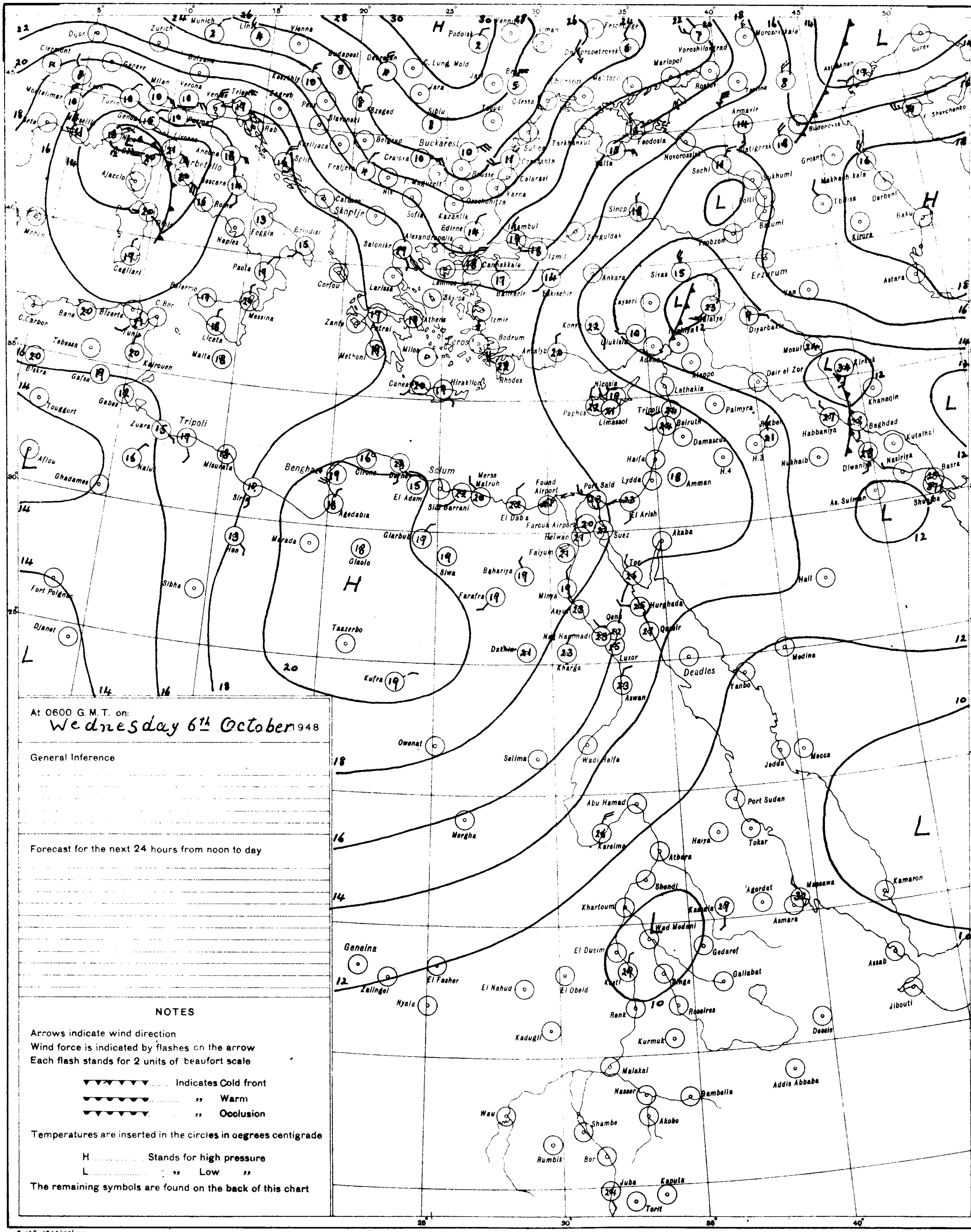
is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



S of E 1948 (48/195)

SCALE 1:15,000,000

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

CAIRO

Time of Sunrise 03 52 G.M.T.

" " Sunset 15 34 G.M.T.

DAILY WEATHER REPORT

Date: THURSDAY 7th OCTOBER, 1948.

MAR 8 1949 WEATHER BUREAU

At 1200 on WEDNESDAY 6th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR PRESS. M.S.L. mbs	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	01	9	02	2	1	3	8	18.8	24.4	53	14	0
	160	MATRÛH	00	7	05	3	1	1	6	18.2	22	69	16	0
	134	EL DABA	00	8	00	0	0	-			23.9	37	19	0
	132	ALEXANDRIA	01	9	04	3	2	5	4	17.8	25.0	51	14	0
	150	FOUAD (Airport)	01	8	02	3	0	3	8	17.7	25	51	14	0
	159	DAMIETTA	01	8	02	3	1	3	8	17.0	24.6	56	16	0
	161	PORT SAÏD	00	8	02	3	0	1	8	17	25	58	16	0
	135	EL ARISH												
LOWER EGYPT	136	DAMANHUR	00	7	28	3	1	3	8	17.5	26.8	43	13	0
	137	MANSURA	01	8	02	2	1	5	6	16.8	28.0	44	15	0
	138	TANTA	01	8	00	0	1	3	8	17.1	28.5	43	14	0
	139	ZAGAZIG	01	6	02	2	1	5	8	16.6	27.0	43	13	0
		SHIBÎN EL KÔM	01	8	30	3	1	5	8	17.1	26.8	45	14	0
		ISMAÏLÍA	01	8	02	2	1	3	8	16.2	28.0	34	11	0
CAIRO AREA	928	FAROUK (Airport)	01	8	32	4	0	3	8	17	27	32	09	0
	141	ALMÂZA	01	8	30	3	0	3	8	16.4	27.0	32	09	0
		EZBEKÎYA	01	8	30	1	1	5	8	16.7	27.2	36	10	0
		GÎZA	01	8	30	1	1	5	8	16.3	27.5	31	09	0
	143	HELWÂN	00	8	30	3	0	6	8	16.2	27.2	26	06	0
UPPER EGYPT	153	FAIYÛM	00	8	30	2	0	0	-	16.3	27.4	34	10	0
		BENI SUEF	00	9	02	2	0	0	-	15.5	29.2	34	11	0
	162	MINYA	00	8	02	4	0	0	-	16	28	29	08	0
	155	ASYÛT												
	164	NAG' HAMMÂDI	00	8	28	2	0	0	-	13.4	29.4	35	12	0
	156	QENA	00	9	24	2	0	0	-	11.8	33.4	28	12	0
	157	LUXOR	00	8	29	2	0	0	-	12	31	19	05	0
	158	ASWÂN	00	9	32	3	0	0	-	11.9	31.6	22	08	0
OASES	148	SIWA	00	8	00	0	0	0	-	19.1	29.5	48	18	0
	149	BAHARÎYA	01	8	08	1	1	3	8	16.6	28.0	30	08	0
		FARAFRA	00	8	32	2	0	0	-	17.4	29.0			
	152	DAKHLA	00	9	28	3	0	0	-	14.2	28.7	32	10	0
	151	KHARGA	00	9	32	1	0	0	-	14.3	29.2	21	05	0
RED SEA	144	SUEZ	00	8	32	2	0	0	-	15.5	27.8	36	11	0
	145	TÛR	00	8	28	6	0	0	-	13.1	27.0	84	24	0
	163	HURGHÂDA	00	9	01	3	0	0	-	13	26	62	18	0
	147	QUSEIR	00	8	02	4	0	0	-	13.2	27.3	68	20	0
	208	PORT SÛDAN												
NORTH SÛDAN	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÛDAN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S. SÛDAN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 1800 on 6th

PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
ww	V	DD	F	W		C	PPP	TT	UU		
00	5	02	4	0	0	-	18.8	21.9	66	15	0
00	7	05	3	1	1	6		22	69	16	0
21	6	32	1	5	8	9		21.4	81	18	dr
01	6	04	2	2	3	4	18.7	22.0	58	13	0
00	7	04	1	1	6	6	18.6	20	73	15	0
00	7	32	2	1	1	8	18.0	21.5	71	16	0
00	7	03	3	0	1	6	18	23	65	16	0
00	9	32	4	0	0	-	16.8	23.4	52	13	0
00	6	32	2	0	0	-	18.3	19.8	72	15	0
00	6	32	2	1	0	-	18.0	20.8	73	16	0
00	8	00	0	1	0	-	18.2	21.4	70	15	0
00	6	32	2	1	0	-	18.2	21.6	72	18	0
00	7	30	2	0	0	-	17.2	22.3	59	14	0
00	7	02	1	0	0	-	16.7	22.6	60	15	0
00	7	32	4	0	0	-	17	23		18	0
00	7	04	3	0	0	-	16.7	23.7	52	14	0
00	7	30	1	0	0	-	17.5	21.4	68	15	0
00	7	30	1	0	0	-	17.1	23.1	59	14	0
00	7	32	4	0	0	-	16.6	22.9	53	13	0
00	8	32	1	0	0	-	16.3	21.9	58	13	0
00	9	28	1	0	0	-	15.2	23.8	46	12	0
00	7	32	2	0	0	-	16	18	68	12	0
00	6	28	1	0	0	-	15.4	24.0	39	09	0
00	8	00	0	0	0	-	13.2	23.0	55	14	0
00	6	24	2	0	0	-	13.0	24.2	50	13	0
00	7	00	0	0	0	-	13	25	42	11	0
00	9	32	2	0	0	-	13.0	28.6	30	10	0
								23.5	50	13	0
00	6	00	0	0	0	-					
00	7	32	1	1	1	-	17.2	22.5	48	11	0
00	7	28	2	0	0	-	17.2	21.0	50	10	0
00	8	28	2	0	0	-	14.8	24.3	39	09	0
00	7	32	1	0	0	-	13.4	23.3	25	01	0
00		32	4	0	0	-	15.9	22.9	65	16	0
00	8	28	1	0	0	-	13.2	25.5	48	24	0
00	8	29	2	0	0	-	13	24	69	18	0
00	8	30	3	0	0	-	13.1	25.6	46	13	0

At 0600 on THURSDAY 7th

PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from norm.	MINIMUM Today	MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
ww	V	DD	F	W		C	PPP		TT	T_xT_x		T_nT_n		UU				
02	8	32	2	1	8	8			22.4	25		17		69	14	0		
01	7	28	1	1	7	6	19		21			16		69	15	0	4	
00	8	28	1	0	0	-			20.9	26				81	18	dr	0	
01	9	04	2	2	3	8	18.0	+2.0	24.2	26	-3	21	0	66	17	0	2	1
00	8	10	1	0	2	6	18.1		22	26		17		69	17	0	2	1
01	8	02	3	1	7	6	17.4	+2.5	23.5	26		17		70	18	0	0	1
01	7	05	4	0	3	6	17		24	26		22		61	16	0	0	
00	9	12	2	0	1	8	17.0	+2.2	24.9	29	0	16	-2	54	15	0	0	0
01	6	04	2	1	5	8	18.3	+2.6	20.8	28	-3	16	-2	80	18	0	dr	0
00	8	02	1	0	0	-	18.0	+2.7	23.8	29	-3	17	-1	67	18	0	0	0
01	8	00	0	1	3	8	18.4	+2.6	20.0	29	-2	13	-4	78	16	0	0	0
00	6	32	2	0	0	-	18.3	+2.4	22.5	29	-2	16	-1	71	16	0	0	0
00	7	30	2	0	0	-	18.4	+2.8	18.2	29		16		79	14	0	0	
01	7	00	0	1	3	6	17.0		22.4	29		18		66	11	0	0	
00	7	06	3	0	6	8	17		21	28		17			17	0	0	
00	7	04	2	0	2	6	17.4	+2.1	20.9	28		17		67	14	0	0	
00	7	30	1	0	0	-	17.8	+2.5	19.4	29	-2	16	-2	76	15	0	0	0
00	7	30	1	0	0	-	17.6	+2.2	20.3	29	-1	15	-1	76	16	0	0	0
00	6	02	4	0	6	8	17.1	+1.8	21.8	28	-3	18	-1	64	15	0	0	0
00	8	02	1	0	0	-	17.2	+1.8	23.2	29	-3	17	-1	64	14	0	0	0
00	9	02	1	0	0	-	16.8		23.2	29		15		61	16	0	0	0
00	7	32	2	0	0	-	17		19	29		15		78	15	0	0	
00	7	22	1	0	0	-	16.6	+2.5	21.2	29	-2	18	-1	55	12	0	0	0
00	8	00	0	0	0	-	15.0	+2.2	23.3	30		14		61	15	0	0	
00	8	24	2	0	0	-	14.4	+1.5	20.8	34	-4	17	-3	62	13	0	0	
00	8	20	1	0	0	-	14		23	32		16		57	14	0	0	
00	9	32	1	0	0	-	14.2	+2.3	23.7	33	-5	18	-4	48	12	0	0	
00	7	28	2	0	0	-	19.6	+2.6	19.0	30	-3	13	-3	54	10	0	0	0
01	8	32	2	1	3	4	18.0	+2.0	19.5	29	-3	15	-2	77	16	0	0	0
00	8	32	3	0	0		18.2		20.5	30		14		77	16	0	0	
00	8	24	1	0	0	-	15.9	+1.4	19.6	29	-6	15	-4	49	09	0	0	
00	5	00	0	0	0	-	15.4	+1.8	21.6	30	-5	16	-4	51	11	0	0	
00	7	32	2	0	0	-	17.1	+2.8	22.6	29	-3	19	-1	67	16	0	0	0
00	8	28	1	0	0	-	13.5	+1.2	22.8	28	-2	16	-4	86	20	0	0	0
00	9	27	1	0	0	-	14		24	26		18		57	15	0	0	
00	8	30	3	0	0	-	13.1	+0.9	26.0	29	-2	20	-4	52	15	0	0	0
																0	0	
																0	0	0
																0	0	0
																0	0	0
																0	0	1
																0	0	2
																0	0	7
																0	0	5
																0	0	2
																0	0	1
																0	0	1
																0	3	20
																3	37	25
																13	28	20

HUMIDITY

Mean of day

STATION	on 6th	Diff. from normal
Alexandria	57	-10
Ezbekîya	58	-7
Giza	57	-11
Helwân	48	-5

GIZA

GRASS MINIMUM TEMP ON 7th 10.4 °C

Remarks

UPPER AIR OBSERVATIONS on 6th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT — ON 6th AT 14 30

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C	WIND DD	WIND VV
SURFACE	1007	24	17		
500	990	23	16		
1000	972	22	14		
1500	954	21	14		
2000	937	19	14		
4000	871	14	11		
6000	808	9	6		
8000	749	10	1		
10000	693	8	1		
12000	641	5	0		
14000	592	1	-1		
16000	546	-1	-2		
18000					
20000					

FAROUK AIRPORT — RAWINSONDE — ON 7th AT 4

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE					
1000					
950					
900	3430	15	75	50	17
850	5010	11	65	80	12
800	6620	12	35	120	9
700	10320	8	-	170	9
600	14430	2	-	170	14
500	19160	-8	-	180	30
400					
300	31480	-22	-	200	46
250					
200	46540	-48	-	200	83
150					
100	54730	-68	-		

STATION	Fouad AP		Matruh		Port Said						Minya					
TIME	15		14		14						15					
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	330	18	360	17	30	7					350	26				
500	320	18	20	12	20	9					360	35				
1000	310	27	10	17	40	8					350	27				
1500	320	23	10	14	200	3					10	26				
2000											20	28				
3000																
4000																
5000																
6000																
7000																
8000																

STATION																
TIME																
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200																
500																
1000																
1500																
2000																
3000																
4000																
5000																
6000																
7000																
8000																

UPPER AIR OBSERVATIONS on 7th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			4	15	4		3	30	7	15			7	15	3		4				5		5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			20	10	330	16	40	16	40	18			40	16	20	26					360	3	60	15
500			20	10	310	12	40	17	60	10			60	10	20	57					10	17	80	18
1000			20	13	320	16	40	16	60	15			60	15	20	42					350	8	70	16
1500					Entire		80	13					Entire		30	25					310	10	50	23
2000															350	23					170	22	40	21
3000																					210	27	50	19
4000																					210	17	20	12
5000																								
6000																								
7000																								
8000																								

STATION	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME			5		5	15	8																	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			30	6	10	13	340	23																
500			40	11	360	21	310	19																
1000			30	17	360	18	360	17																
1500			350	11	310	5	260	5																
2000			350	13	250	7	170	18																
3000			340	21	210	8	210	50																
4000																								
5000																								
6000																								
7000																								
8000																								

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

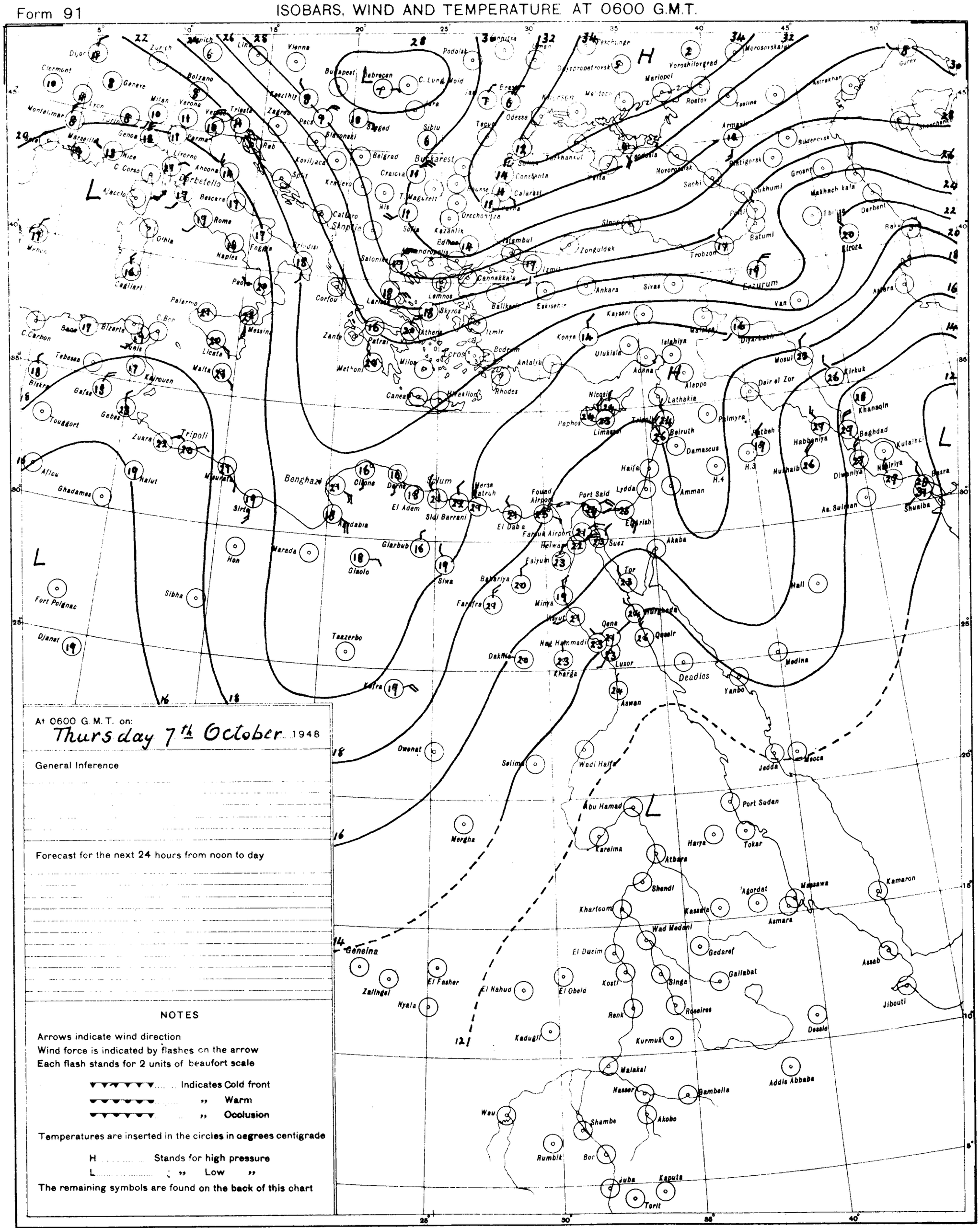
is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:

Thursday 7th October 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction

Wind force is indicated by flashes on the arrow

Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼ Indicates Cold front

▼▼▼▼▼▼ ,, Warm

▼▼▼▼▼▼ ,, Occolusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure

L ,, Low ,,

The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

Form 91

CAIRO
Time of Sunrise 03 52 G.M.T.
" " Sunset 15 33 G.M.T

DAILY WEATHER REPORT

Date: FRIDAY 8th OCTOBER, 1948.

AREA	INDEX NUMBER	STATION	At 1200 on THURSDAY 7th: PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR PRESS M.S.L. mbs	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms	At 1800 on THURSDAY 7th: PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARANI	01	9	32	4	1	5	8	18.7	25.0	62	16	0												
	160	MATRÛH	01	8	03	4	1	7	6	18	26	62	18	0	01	7	02	3	1	5	6	18	23	74	18	0
	134	EL DABA	02	8	32	2	1	8	8		25.0	56	16	0	01	7	28	2	1	5	8		22.0	67	18	0
	132	ALEXANDRIA	01	9	04	3	2	3	8	16.6	25.4	50	14	0	01	6	02	2	2	5	4	17.0	23.0	73	18	0
	150	FOUAD (Airport)	01	7	01	4	0	5	6	16.2	26	51	15	0	00	7	03	2	0	2	6	16.1	23			0
	159	DAMIETTA	01	8	02	4	1	3	8	15.2	25.0	58	16	0	00	7	32	2	1	1	8	15.5	23.1	70	17	0
	161	PORT SAÏD	00	8	03	3	0	1	6	16	27	52	16	0	00	7	02	3	0	2	6	16	24	69	18	0
	135	EL 'ARISH	00	9	32	5	0	0	—	15.2	25.4	80	21	0	01	9	32	3	1	3	8	14.4	24.6	86	22	0
LOWER EGYPT	136	DAMANHUR	01	7	08	4	1	7	8	15.9	26.7	53	15	0	00	7	04	3	1	0	—	16.7	20.6	82	18	0
	137	MANSURA	01	8	04	2	1	5	8	15.2	28.8	46	16	0	00	6	04	1	1	0	—	15.9	22.0	80	18	0
	138	TANTA	01	8	32	4	1	5	8	15.9	30.0	38	14	0	01	8	24	1	1	3	8	16.8	23.0	73	18	0
	139	ZAGAZIG	01	6	32	2	1	7	8	15.8	28.1	45	15	0	00	6	32	3	0	0	—	17.2	22.2	73	17	0
		SHIBIN EL KÔM	01	8	30	3	1	5	8	15.6	27.1	45	14	0	00	7	30	2	0	0	—	17.5	23.2	56	14	0
		ISMAÏLIA	01	7	02	2	1	5	4	15.0	28.5	44	15	0	00	7	26	2	0	0	—	15.0	24.5	57	15	0
CAIRO AREA	928	FAROUK(Airport)	01	8	04	3	1	5	8	14	28	62	20	0	00	7	04	4	0	0	—	15	23	89	21	0
	141	ALMÂZA	01	8	04	4	1	5	6	13.8	29.0	39	14	0	00	7	02	3	0	0	—	14.7	23.8	53	14	0
		EZBEKÎYA	01	8	02	2	1	5	8	13.9	29.4	41	14	0	00	7	02	2	0	0	—	15.4	22.6	64	16	0
		GÎZA	01	8	02	2	1	5	8	13.8	28.9	41	14	0	00	7	02	2	0	0	—	14.8	23.4	58	14	0
	143	HELWÂN	00	8	02	4	0	2	8	13.1	28.9	34	11	0	00	7	32		0	0	—	13.9	23.3	56	14	0
UPPER EGYPT	153	FAIYÛM													00	8	02	2	0	0	—	15.4	24.3	59	16	0
		BENI SUEF	00	9	02	1	0	0	—	13.9	31.1	40	16	0	00	9	02	1	0	0	—	14.4	22.9	57	14	0
	162	MINYA	00	8	30	3	0	0	—	14	29	35	12	0	00	7	00	0	0	0	—	14	20	69	14	0
	155	ASYÛT	00	8	22	2	0	0	—	13.6	28.2	32	10	0	00	6	20	1	0	0	—	14.3	21.5	54	12	0
	164	NAG' HAMMÂDI	00	8	24	1	0	0	—	11.8	30.0	32	11	0	00	8	00	0	0	0	—	12.7	22.4	66	15	0
	156	QENA	00	9	24	2	0	0	—	11.9	33.2	29	12	0	00	6	26	3	0	0	—	11.8	25.3	39	10	0
	157	LUXOR	00	8	26	1	0	0	—	11	32	22	8	0	00	7	00	0	0	0	—	12	26	48	14	0
	158	ASWÂN	00	9	30	1	0	0	—	10.4	33.0	24	10	0	00	9	28	1	0	0	—	12.0	30.0	30	11	0
OASES	148	SIWA	02	8	24	2	1	10	4	19.4	30	54	20	0	00		00	0	0	0	—	19.0	22.7	41	9	0
	149	BAHARÎYA	01	8	32	1	1	3	4	15.6	27.5	41	13	0	01	7	32	1	1	5	4	15.6	23.0	52	13	0
		FARAFRA																								
	152	DAKHLA													00	8	28	2	0	0	—	14.0	24.3	42	10	0
	151	KHARGA	00	9	00	0	0	0	—	12.8	29.7	23	6	0	00	7	32	1	0	0	—		23.0	36	7	0
RED SEA	144	SUEZ	00	8	00	0	0	0	—	13.5	28.9	41	14	0	00		32	2	0	0	—	13.6	23.7	61	16	0
	145	TÛR	00	8	28	4	0	0	—	12.2	27.2	70	21	0	00	8	28	1	0	0	—	13.2	25.9	73	21	0
	163	HURGHÂDA	00	9	02	2	0	0	—	12	26	74	21	0	00	8	29	1	0	0	—	12	25	74	20	0
	147	QUSEIR	00	8	32	3	0	0	—	12.4	27.0	72	21	0	00	8	30	2	0	0	—	11.5	26.0	82	18	0
	208	PORT SÛDÂN																								
NORTH SÛDÂN	165	WADI HALFA																								
	166	KAREIMA																								
	167	'ATBARA																								
	209	KHARTÛM																								
	170	KASSALA																								
CENTRAL SÛDÂN	171	WAD MEDANI																								
	182	RENK																								
	172	ROSEIRES																								
	174	EL OBEID																								
	175	EL FASHER																								
	179	GENEINA																								
S. SÛDÂN	176	MALAKÂL																								
	177	WÂU																								
	178	JUBA																								

At 0600 on FRIDAY 8th

AREA	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs	TEMPERATURE °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from norm.	MINIMUM Today	MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL Total From Oct 1	RAINFALL Norm. From Oct 1
		ww	V	DD	F	W		C	PPP		TT	T_xT_x		T_nT_n		UU				
MEDITERRANEAN	SIDI BARANI																			
	MATRÛH	01	7	06	3	1	5	6	18		23	26		22		74	18	0	4	
	EL DABA	01	7	02	1	1	5	9			23.9	27				74	18	0	0	
	ALEXANDRIA	01	9	04	2	2	5	8	16.4	+0.4	24.4	26	-3	22	+1	69	18	0	2	1
	FOUAD (Airport)	01	8	01	2	0	5	8	16.4		24			20		69	18	0	2	1
	DAMIETTA	00	8	02	2	1	1	8	15.4	+0.4	25.0	26		18		68	19	0	0	1
	PORT SAÏD	01	7	02	3	0	5	6	15		25	28		24		74	20	0		0
	EL 'ARISH	01	9	20	4	1	5	8	15.1	+0.3	23.1	26	-3	19	+1	76	18	0	0	1
LOWER EGYPT	DAMANHUR	01	6	32	3	5	3	8	16.0	+0.2	21.2	28	-3	17	-1	78	17	tr.	tr.	1
	MANSURA	01	7	16	1	1	5	8	15.6	+0.3	24.5	30	-2	18	0	74	18	0	0	0
	TANTA	00	8	28	1	1	2	8	16.4	+0.6	22.0	30	-1	15	-1	82	19	0	0	0
	ZAGAZIG	00	6	32	2	0	0	—	16.4	+0.4	23.4	30	-1	16	0	75	18	0	0	0
	SHIBÎN EL KÔM	00	7	02	2	0	0	—	16.-	+0.-	19.9	29		15		70	14	0	0	
	ISMAÏLIA	00	7	26	1	0	0	—	16.6		24.0	29		19		69	18	0	0	
CAIRO AREA	FAROUK(Airport)	01	7	00	0	0	3	6			21	30		16		83	18	0	0	
	ALMÂZA	00	7	02	1	0	1	8	15.8	+0.4	22.0	29		18		72	17	0	0	
	EZBEKÎYA	00	7	30	1	0	0	—	16.0	+0.6	21.4	30	-1	18	0	77	17	0	0	0
	GÎZA	00	7	30	1	0	0	—	15.8	+0.3	21.2	29	-1	15	-1	79	17	0	0	0
	HELWÂN	05	6	28	2	0	0	—	15.4	0.0	21.4	29	-2	18	-1	75	16	0	0	0
UPPER EGYPT	FAIYÛM	00	8	30	1	0	0	—	15.5	+0.1	22.0	31	-1	17	-1	75	17	0	0	0
	BENI SUEF	00	9	08	2	0	0	—			21.7	31		14		67	16	0	0	
	MINYA	00	7	32	2	0	0	—	16		21	29		16		78	17	0	0	
	ASYÛT	00	7	26	1	0	0	—	15.5	+1.3	20.9	30	-1	18	-1	68	15	0	0	0
	NAG' HAMMÂDI	00	8	00	0	0	0	—	14.2	+1.3	25.2	31		12		65	18	0	0	
	QENA	00	8	26	2	0	0	—	14.2	+1.2	20.4	35	-1	17	-2	83	13	0	0	
	LUXOR	00	8	00	0	0	0	—	14		26	33		17		40	11	0	0	
	ASWÂN	00	9	30	1	0	0	—	14.2	+2.2	24.5	35	-3	19	-3	52	13	0	0	
OASES	SIWA	02	7	00	0	1	9	4	19.2	+2.2	30.4	31	-3	16	0	71	15	0	0	0
	BAHARIYA	01	7	32	1	1	3	8	16.7	+0.7	20.5	28	-4	10	-1	77	16	0	0	0
	FARAFRA	0C	8	28	1	0	1	4	17.1		22.3	30		15		76	18	0	0	
	DAKHLA	00	8	28	2	0	0	—	16.3	+1.7	20.4	28	-7	15	-4	57	11	0	0	
	KHARGA	00	8	00	0	0	0	—	15.4	+1.7	22.8	31	-4	15	-4	54	12	0	0	
RED SEA	SUEZ	00	6	00	0	0	0	—	15.6	+1.2	23.0	31	-1	19	-1	73	18	0	0	0
	TOR	00	9	28	1	0	0	—	12.6	+0.2	24.0	28	-2	18	-2	72	19	0	0	0
	HURGHADA	00	9	30	4	0	0	—	13		24	26		19		74	20	0	0	
	QUSEIR	00	8	32	3	0	0	—	12.6	+0.3	24.6	28	-3	22	-3	64	19	0	0	0
	PORT SUDAN																	0	0	2
NORTH SÛDÂN	WÂDI HALFA																	0	0	
	KAREIMA																	0	0	0
	'ATBARA																	0	0	0
	KHARTÛM																	0	0	0
	KASSALA																	0	0	2
CENTRAL SÛDÂN	WAD MEDANI																	2	2	2
	RENK																	0	0	9
	ROSEIRES																	0	0	6
	EL OBEID																	0	0	4
	EL FASHER																	0	0	1
	GENEINA																	0	0	2
S. SÛDÂN	MALAKAL																	0	3	24
	WÂU																	0	37	30
	JUBA																	0	28	24

HUMIDITY

Mean of day

STATION	on 7th %	Diff. from normal
Alexandria	68	+1
Ezbekiya	64	-2
Giza	61	-7
Helwân	54	+1

GIZA GRASS MINIMUM TEMP

ON 8th 11.3 °C

Remarks

UPPER AIR OBSERVATIONS on 7th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT

ON ___ At ___

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C
SURFACE			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT RAWINSONDE

ON 8th At 5

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		19	87	80	2
1000	430	19	85	80	2
950					
900	3410	17	85	40	10
850	5000	15	65	90	4
800	6680	14	25	180	8
700	10340	9		180	20
600	14470	2		200	25
500	19200	-8		240	42
400		-21			
300	31750	-34		230	52
250					
200	40740	-50		240	70
150					
100					

STATION	Matruh						Port Said				Minya			
TIME	14						15				15			
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	360	10					360	17			360	19		
500	360	14					20	8			360	24		
1000	360	15					30	11			360	27		
1500	20	13									350	24		
2000											340	15		
3000														
4000														
5000														
6000														
7000														
8000														

STATION														
TIME														
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200														
500														
1000														
1500														
2000														
3000														
4000														
5000														
6000														
7000														
8000														

UPPER AIR OBSERVATIONS on 8th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARANI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME	5						4 15								3 30								5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	50	15					30	9							360	33							60	14
500	50	14					30	3							10	32							60	14
1000	50	16					30	13							360	40							50	14
1500	Ent Cb						320	2							20	13							Ent Ns	
2000							130	15							10	9								
3000															360	24								
4000																								
5000																								
6000																								
7000																								
8000																								

STATION	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME			5		6 15																			
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			350	8	350	11																		
500			20	10	360	18																		
1000			360	16	350	17																		
1500			360	16	230	10																		
2000			350	18	210	14																		
3000			340	24	230	12																		
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

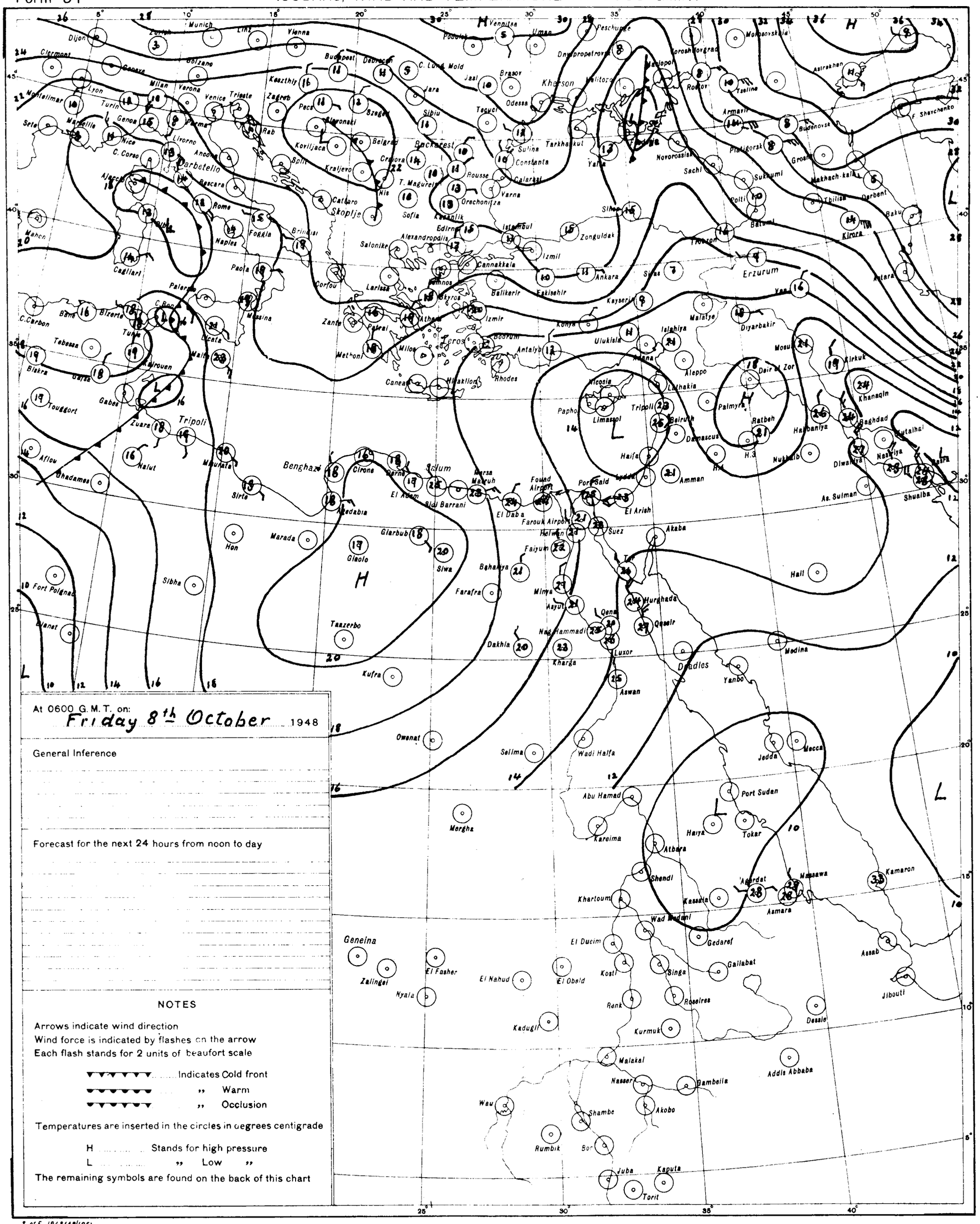
	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
Friday 8th October 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

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

Temperatures are inserted in the circles in degrees centigrade

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

The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 53 G.M.T
" " Sunset 15 32 G.M.T

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

DAILY WEATHER REPORT

Date: SATURDAY 9th OCTOBER , 1948.

Form 91

AREA	INDEX NUMBER	STATION	At 1200 on FRIDAY 8th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR. PRESS. M.S.L. mbs PPP	TEMP °C TT	HUMIDITY % UU	DEW POINT °C	RAIN 6-12 GMT mms	At 1800 on 8th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR. PRESS. MSL mbs PPP	TEMP °C TT	HUMIDITY % UU	DEW POINT °C	RAIN 12-18 GMT mms
MEDITERRANEAN	146	SIDI BARANI	01	8	32	2	0	3	8	17.0	24.6	66	18	0	00	4	30	2	0	1	8	17.9	22.5	71	16	0
	160	MATRÛH	01	8	32	4	1	5	4	16	26	62	18	0	01	7	02	3	1	5	4	18	22	69	16	0
	134	EL DABA	01	8	26	2	1	5							01	7	28	2	1	5	8		22.3	72	17	0
	132	ALEXANDRIA	01	9	30	2	2	5	8	15.1	26.2	60	18	0	01	6	32	3	2	3	8	16.4	23.2	74	18	0
	150	FOUAD (Airport)	00	8	30	3	0	2	2,4	14.7	26	62	18	0	00	7	31	1	0	0	-	15.5	23	74	18	0
	159	DAMIETTA	01	8	32	3	1	3	8	14.2	26.0	59	17	0	01	7	30	2	1	3	8	14.6	23.9	74	18	0
	161	PORT SAÏD	00	8	32	3	0	1	6	14	26	62	18	0	00	7	32	3	0	0	-	15	24	74	19	0
	135	EL ARISH	01	9	28	4	1	5	8	14.3	26.5	66	19	0	01	9	28	4	1	5	8	13.5	25.1	77	21	0
LOWER EGYPT	136	DAMANHÛR	01	7	04	3	1	3	8	14.8	28.5	48	16	0	00	7	32	2	1	0	-	15.4	27.3	77	17	0
	137	MANSURA	01	8	02	2	1	5	8	14.0	29.8	48	17	0	00	6	04	2	1	0	-	15.2	27.8	82	19	0
	138	TANTA	01	8	24	2	1	5	8	14.0	29.6	41	15	0	00	8	00	0	1	0	-	15.5	28.0	66	16	1
	139	ZAGAZIG	01	6	26	2	0	5	8	13.6	29.2	46	16	0												
		SHIBÎN EL KÔM	01	8	02	3	1	5	8	14.3	31.0	39	15	0	00	7	30	2	0	0	-	14.8	27.9	73	17	0
		ISMAÏLIA	01	7	30	2	1	5	7	14.6	30.0	47	17	0	00	6	06	2	0	0	-	14.0	28.5	50	16	0
CAIRO AREA	928	FAROUK (Airport)	01	8	32	3	0	6	8	12	30	54	19	0	00	7	02	5	0	6	-	14	25	70	20	0
	141	ALMAZA	00	8	02	5	0	2	8	12.7	30.0	42	15	0	00	7	03	4	0	2	8	14.3	25.0	62	17	0
		EZBEKÎYA	01	8	00	0	1	5	8	13.0	29.9	42	16	0	00	7	00	0	0	0	-	14.6	23.5	70	18	0
		GÎZA	01	8	00	0	1	5	8	13.0	29.7	42	16	0	00	7	00	0	0	0	-	14.4	23.9	68	16	0
	143	HELWÂN	01	8	32	3	0	3	8	13.0	29.3	36	12	0	00	7	32	4	0	6	8	13.9	24	62	17	0
UPPER EGYPT	153	FAIYÛM	00	8	02	1	0	1	8	12.7	29.1	41	14	0	00	8	02	1	0	0	-	13.4	23.1	66	16	0
		BENI SUEF	01	9	30	2	0	5	8	12.4	29.6	36	12	0	00	9	30	1	0	0	-	13.2	24.6	60	17	0
	162	MINYA	00	8	31	4	0	0	-	13	30	35	13	0	00	7	00	0	0	0	-	14	21	65	14	0
	155	ASYÛT	00	8	26	2	0	0	-	13.0	28.8	41	14	0	00	6	28	1	0	0	-	14.0	24.0	53	14	0
	164	NAG' HAMMÂDI	00	8	24	1	0	0	-	11.2	30.8	34	13	0	00	8	00	0	0	0	-	12.3	23.7	67	17	0
	156	QENA	00	9	24	2	0	0	-	10.8	33.0	21	15	0	00	6	24	2	0	0	-	11.2	25.4	41	11	0
	157	LUXOR	00	8	28	1	0	0	-	11	32	24	09	0	00	7	00	0	0	0	-	12	25	45	12	0
	158	ASWÂN	00	9	32	1	0	0	-	10.7	33.0	25	10	0	00	9	32	2	0	0	-	11.8	31.0	30	12	0
OASES	148	SIWA	00	8	24	2	0	0	-	17.1	29.5	41	15	0	00	6	00	0	0	0	-	16.8	22.5	60	14	0
	149	BAHARÎYA	01	8	28	1	1	3	4	15.1	27.0	43	13	0	02	7	30	1	2	7	4	15.4	24.0	58	13	0
		FARAFRA	00	8	24	2	1	1	4	15.5	28.0	55	18	0	00	7	28	3	0	0	-	15.9	22.7	60	15	0
	152	DAKHLA	00	9	28	2	0	0	-	13.2	27.5	36	11	0	00	8	28	2	0	0	-	12.8	25.3	40	11	0
	151	KHARGA	00	9	32	1	0	0	-	12.4	30.0	21	05	0												
RED SEA	144	SUEZ	00	8	00	0	0	0	-	11.5	29.6	43	16	0	00		00	0	0	0	-	13.1	24.3	69	18	0
	145	TÛR	00	8	28	3	0	0	-	10.7	27.1	82	24	0	00	8	28	1	0	0	-	10.8	25.8	82	23	0
	163	HURGHÂDA	00	9	01	3	0	0	-	10	26	84	23	0	00	9	30	3	0	0	-	11	26	70	20	0
	147	QUSEIR	00	8	32	2	0	0	-	11.0	29.0	72	23	0	00	8	30	2	0	0	-	11.0	27.0	58	18	0
	208	PORT SÛDÂN	00	8	00	0	0	0	-																	
NORTH SÛDÂN	165	WADI HALFA																								
	166	KAREIMA	02	8		2	1	10		7	38	11	3	0												
	167	ATBARA																								
	209	KHARTÛM																								
	170	KASSALA																								
CENTRAL SÛDÂN	171	WAD MEDANI																								
	182	RENK																								
	172	ROSEIRES																								
	174	EL OBEID	01	8	02	4	1	5	4,1	9																
	175	EL FASHER																								
	179	GENEINA	00	8	08	1	0	0	8		33															
S SÛDÂN	176	MALAKAL	01	8	18	1	1	5	8,1	8	38	44	19	0												
	177	WÂU	01	8	00	0	1	5	8,4	8	32															
	178	JUBA	01	8	30	2	1	3																		

AREA	INDEX NUMBER	STATION	At 0600 on SATURDAY 9th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR. PRESSURE M.S.L. mbs. PPP	Diff. from normal mbs	TEMPERATURE °C Dry Bulb TT	MAXIMUM Yesterday T_xT_x	MAXIMUM Diff from norm.	MINIMUM Today T_nT_n	MINIMUM Diff from norm.	HUMIDITY % UU	DEW POINT °C	RAINFALL mms Past 24 hrs	RAINFALL mms Total From Oct 1	RAINFALL mms Norm. From Oct 1	STATION	AREA
MEDITERRANEAN	146	SIDI BARANI	01	8	18	2	1	3	8,4	17.6		21.2	25		16		78	17	•			SIDI BARÂNI	MEDITERRANEAN
	160	MATRÛH	01	8	25	2	1	7	6	17		22	26		20		78	18	•	4		MATRÛH	
	134	EL DABA	01	8	32	2	1	5	8	15.5		24.0	28				61	16	•	•		EL DABA	
	132	ALEXANDRIA	01	9	04	2	2	3	8	15.6	-0.5	23.8	28	+1	22	+1	64	17	•	2	1	ALEXANDRIA	
	150	FOUAD (Airport)	00	7	30	2	0	2	8	15.2		24	28		21		61	16	•	2	2	FOUAD (Airport)	
	159	DAMIETTA	01	8	28	2	1	7	6	15.5	+0.4	24.6	27		18		73	20	•	•	1	DAMIETTA	
	161	PORT SAÏD	00	7	31	2	0	2	8	15		24	26		23		74	19	•	•		PORT SAÏD	
	135	EL ARISH	01	9	20	4	1	5	8	14.4	-0.5	24.3	28	-1	20	+2	72	19	•	0	1	EL ARISH	
LOWER EGYPT	136	DAMANHÛR	00	6	32	2	0	•	•	-		15.5	-0.4	22.2	29	-2	77	-1	83	19	•	W	1	DAMANHÛR	LOWER EGYPT
	137	MANSURA	00	8	02	1	0	•	•	-		15.1	-0.4	23.0	31	•	18	•	78	19	•	•	0	MANSÛRA	
	138	TANTA	00	8	20	1	0	•	•	-		14.7	-1.2	20.0	31	0	15	-1	91	18	•	•	0	TANTA	
	139	ZAGAZIG	00	6	24	1	0	•	•	-		14.8	-1.2	21.0	32	+1	16	0	87	19	•	•	0	ZAGAZIG	
		SHIBÎN EL KÔM	00	7	30	2	0	0	•	-		14.3	-1.5	20.6	32		16		74	16	•	•		SHIBÎN EL KÔM	
		ISMAÏLIA	01	7	28	1	1	3	5	14.8		23.4	31		19		72	18	0	•		ISMAÏLIA	
CAIRO AREA	928	FAROUK (Airport)	05	6	00	0	0	•	•	-		15		21	31		18		81	18	•	0		FAROUK (Airport)	CAIRO AREA
	141	ALMAZA	01	7	00	0	1	5	6	15.1	-0.1	22.3	31		18		81	18	•	0		ALMAZA	
		EZBEKÎYA	01	7	00	0	1	5	8	15.8	+0.4	21.0	31	0	18	0	84	18	•	0	0	EZBEKÎYA	
		GÎZA	01	7	00	0	1	5	8	15.8	+0.2	21.1	30	•	17	+1	83	18	•	0	•	GÎZA	
	143	HELWÂN	09	4	28	2	0	3	8	15.5	0.0	20.6	30	-1	15	-4	83	18	•	0	0	HELWÂN	
UPPER EGYPT	153	FAIYÛM	00	8	02	3	0	1	8	15.4	-0.1	22.9	31	-1	19	+1	75	18	•	0	•	FAIYÛM	UPPER EGYPT
		BENI SUEF	00	9	02	1	0	•	•	-		14.8		23.9	30		18		74	19	0	0		BENI SUEF	
	162	MINYA	00	7	01	4	0	2	6	15		22	30		18		78	18	0	0		MINYA	
	155	ASYÛT	00	7	26	1	0	•	•	-		15.2	+0.9	21.2	29	-2	19	•	74	16	•	0	0	ASYÛT	
	164	NAG' HAMMÂDI	00	8	00	0	0	•	•	-		13.2	+0.2	24.2	31		16		70	18	•	0		NAG' HAMMÂDI	
	156	QENA	00	7	24	2	0	0	-			13.1	0.0	22.7	34	-2	20	+1	61	14	•	0		QENA	
	157	LUXOR	00	8	00	0	0	•	•	-		12		24	34		18		48	14	•	0		LUXOR	
	158	ASWÂN	00	9	30	1	0	0	-			13.2	+1.1	24.6	35	-2	20	-2	54	15	•	0		ASWÂN	
OASES	148	SIWA	00	7	00	0	0	•	•	-		18.4	+1.3	20.5	33	0	14	-1	79	16	•	0	0	SIWA	OASES
	149	BAHARÎYA	01	8	32	2	1	3	4	16.8	-0.3	20.3	28	-5	16	+1	79	16	•	0	0	BAHARIYA	
		FARAFRA	00	8	00	0	0	6		16.8		22.5	29		15		66	15	•	0		FARAFRA	
	152	DAKHLA	00	8	16	1	0	0	-	14.4	-0.3	22.9	29	-5	17	-1	58	14	•	0		DAKHLA	
	151	KHARGA																	0	0		KHARGA	
RED SEA	144	SUEZ	00	6	00	0	0	•	•	-		12.9	-0.6	21.6	31	-1	19	-1	83	19	•	0	0	SUEZ	RED SEA
	145	TÛR	00	9	28	1	0	0	-			11.9	-0.7	25.2	29	-1	18	-1	49	19	•	0	0	TOR	
	163	HURGHADA	00	9	30	5	0	0	-			12		24	27		20		79	20	•	0		HURGHADA	
	147	QUSEIR	00	8	32	3	0	0	-			11.5	-0.8	27.4	30	-1	23	-1	68	21	•	0	0	QUSEIR	
	208	PORT SUDAN																	•	0	3	PORT SUDAN	
NORTH SÛDÂN	165	WADI HALFA																	0	•		WÂDI HALFA	NORTH SÛDÂN
	166	KAREIMA																	0	0	0	KAREIMA	
	167	ATBARA																	0	•	0	ATBARA	
	209	KHARTÛM																	0	0	1	KHARTÛM	
	170	KASSALA																	0	0	2	KASSALA	
CENTRAL SÛDÂN	171	WAD MEDANI																	0	2	3	WAD MEDANI	CENTRAL SÛDÂN
	182	RENK																	0	0	10	RENK	
	172	ROSEIRES																	0	0	7	ROSEIRES	
	174	EL OBEID																	0	•	4	EL OBEID	
	175	EL FASHER																	0	•	2	EL FASHER	
	179	GENEINA																	0	•	2	GENEINA	
S SÛDÂN	176	MALAKAL																	0	3	28	MALAKAL	S SÛDÂN
	177	WÂU																	0	37	35	WÂU	
	178	JUBA																	0	28	28	JUBA	

HUMIDITY
Mean of day

STATION	on 8th	Diff. from normal
Alexandria	70	+3
Ezbekiya	67	+1
Giza	65	-3
Helwân	62	+9

GIZA
GRASS MINIMUM TEMP
ON 9th 11.9 °C

Remarks

UPPER AIR OBSERVATIONS on 8th
DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT ON 8th At 14 30

HEIGHT FEET	PRESSURE mbs	DRY °C	WET °C	WIND DD	WIND VV
SURFACE					
500	1004	29	24		
1000	968	26	19		
1500	951	24	17		
2000	934	23	18		
4000	867	18	14		
6000	804	13	12		
8000	746	12	4		
10000	690	9	4		
12000	639	5	3		
14000	590	1	1		
16000	544	-2	-2		
18000					
20000					

FAROUK AIRPORT RAWINSONDE ON 7th At 5

PRESSURE mbs	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		19	87	80	2
1000	430	19	85	80	2
950					
900	3410	17	85	40	10
850	5000	15	65	70	4
800	6680	14	25	180	8
700	10340	9	-	180	20
600	14470	2	-	200	23
500	19200	-8	-20	240	42
400					
300	31750	-34	-	230	52
250					
200	40340	-50	-	240	70
150					
100					

STATION	MATRUH				FOUAD A.P.				PORT SAÏD			
TIME	14				13 30				14 15			
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	320	19			340	16			350	16		
500	340	16			350	18			350	12		
1000	340	16			330	18			320	10		
1500	340	16			320	16			60	4		
2000	340	16							160	6		
3000												
4000												
5000												
6000												
7000												
8000												

STATION												
TIME												
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200												
500												
1000												
1500												
2000												
3000												
4000												
5000												
6000												
7000												
8000												

UPPER AIR OBSERVATIONS on 9th
DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARANI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		HELWÂN		ALMAZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME	5		4		3		3 45		7						3						5		5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	320	11	360	10	340	11	320	9	360	9					360	29					360	5	360	0
500	320	13	10	10	340	11	340	9	20	7					10	49					10	16	110	3
1000	340	11	10	9	340	15	350	8	20	13					20	43					340	8	10	11
1500	340	10	10	15	350	16	300	3	50	7					330	17					180	10	350	19
2000					360	19			220	7					360	13					190	16	330	22
3000																							10	17
4000																								
5000																								
6000																								
7000																								
8000																								

STATION	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME			5				8																	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			330	23			320	12																
500			30	3			320	29																
1000			20	16			340	33																
1500			360	16			340	21																
2000			360	20			220	5																
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on:
Saturday 9th October 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

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

The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 53 G.M.T
" " Sunset 15 30 G.M.T

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

DAILY WEATHER REPORT

Date : SUNDAY 10 th OCTOBER , 1948.

Form 91

SATURDAY 9 th

AREA	INDEX NUMBER	STATION	At 1200 on: PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs	TEMP. °C	HUMIDITY %	DEW POINT °C	RAIN 6-12 GMT mms	At 1800 on: PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs	TEMP. °C	HUMIDITY %	DEW POINT °C	RAIN 12-18 GMT mms
			ww	V	DD	F	W	N	C	PPP	TT	UU			ww	V	DD	F	W	N	C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARANI	01	8	28	2	1	3	8,4	17.2	24.2	58	15	0	00	8	30	1	0	1	4	16.8	21.9	75	17	0
	160	MATRÛH													00	7	32	3	0	2	6	17	22	74	17	0
	134	EL DABA																								
	132	ALEXANDRIA	01	9	28	4	2	5	8	14.7	25.0	53	16	0	01	6	32	3	2	5	8	15.8	22.6	62	15	0
	150	FOUAD (Airport)	01	8	32	2	0	5	8	14.5	26	58	17	0	01	7	30	3	1	3	6	15.2	23	65	16	0
	159	DAMIETTA	00	8	30	3	0	6	8	13.5	25.8	63	18	0	00	7	30	2	0	1	8	15.4	22.8	72	18	0
	161	PORT SAÏD	00	8	31	3	0	1	8	14	26	62	18	0	00	7	31	4	0	2	6	15	24	69	18	0
	135	EL ARISH	00	9	28	4	0	1	8	13.4	26.8	58	18	0	00	9	28	3	0	0	—	13.4	24.1	66	17	0
LOWER EGYPT	136	DAMANHUR	01	7	32	3	1	3	8	14.7	27.8	49	16	0	00	7	32	2	1	0	—	15.4	20.8	82	18	0
	137	MANSURA	01	8	32	1	1	5	8	13.5	29.2	39	14	0	00	6	28	2	1	0	—	15.2	21.5	82	19	0
	138	TANTA	01	8	28	2	1	5	8	14.2	30.0	33	12	0	00	8	28	1	1	0	—	15.0	23.0	66	16	0
	139	ZAGAZIG	00	6	24	2	0	0	-	14.3	30.0	47	17	0	00	6	24	2	0	0	-	15.0	23.4	80	19	0
		SHIBIN EL KOM	01	8	02	3	1	5	8	13.8	30.4	36	13	0	00	7	02	2	0	0	-	14.4	22.4	64	15	0
		ISMAÏLIA	01	8	02	2	1	5	4	13.8	30.0	37	14	0	01	7	02	2	1	5	4	14.0	23.2	73	18	0
CAIRO AREA	928	FAROUK(Airport)	00	8	28	3	0	2	8	13	28	45	15	0	00	7	32	3	0	0	-	15	23	73	18	0
	141	ALMÂZA	00	8	28	3	1	3	8	12.9	28	43	14	0	00	7	02	2	0	0	-	14	24	81	16	0
		EZBEKÍYA	00	8	28	1	0	1	8	13.2	28.9	38	13	0	00	7	00	0	0	0	—	15.1	22.6	69	17	0
		GÍZA	00	8	28	1	0	1	8	12.2	28.0	39	13	0	00	7	00	0	0	0	—	14.8	22.3	72	17	0
	143	HELWÂN	00	8	26	4	0	2	8	12.7	27.9	34	10	0	00	7	32	5	0	0	-	14.3	23.5	57	15	0
UPPER EGYPT	153	FAIYÛM	00	8	02	2	0	0	-	12.6	28.6	40	14	0	00	8	32	3	0	0	-	13.9	24.0	60	16	0
		BENI SUEF	00	9	02	2	0	0	-	12.7	30.6	33	13	0	00	9	02	1	0	0	-	13.4	22.2	60	14	0
	162	MINYA	00	8	01	3	0	0	-	13	30	38	14	0	00	7	00	0	0	0	-	14	21	65	14	0
	155	ASYÛT	00	8	28	2	0	0	-	12.4	29.1	39	14	0	00	8	26	1	0	0	-	13.6	24.9	48	11	0
	164	NAG' HAMMÂDI	00	8	24	1	0	0	-	12.3	30.6	41	16	0	00	8	00	0	0	0	-	11.9	25.0	60	17	0
	156	QENA	00	9	20	2	0	0	-	11.5	32.0	34	14	0	00	6	24	2	0	0	-	11.8	25.2	40	11	0
	157	LUXOR	00	8	26	1	0	0	-	11	32	26	10	0	00	7	00	0	0	0	-	11	26	48	14	0
	158	ASWÂN	00	9	32	1	0	0	-	9.5	34.0	29	13	0	00	7	32	1	0	0	—	10.7	32.0	30	13	0
OASES	148	SIWA	00	8	28	2	0	0	-	16.2	32.4	33	14	0	00	6	00	0	0	0	-	14.8	23.8	49	13	0
	149	BAHARÍYA	01	8	28	1	1	3	4	14.8	27.5	43	14	0	00	7	32	1	1	0	-	15.2	24.0	50	13	0
		FARAFRA													00	7	32	2	0	0	-	15.7	22.2	63	15	0
	152	DAKHLA	00	9	30	3	0	0	-	11.9	28.8	35	12	0	00	8	28	2	0	0	-	14.2	25.2	46	13	0
	151	KHARGA	00	9	02	4	0	0	-	12.2	29.9	33	12	0	00	6	32	1	0	0	-	13.0	24.1	40	10	0
RED SEA	144	SUEZ	00	8	32	2	0	0	-	11.4	28.9	36	12	0	00		00	0	0	0	-	12.8	24.2	61	16	0
	145	TOR	00	7	28	4	0	0	-	10.2	27.5	68	22	0	60	8	28	1	0	0	-	10.3	22.8	59	18	0
	163	HURGHÂDA	00	9	02	3	0	0	-	10	26	84	23	0	00	8	30	3	0	0	-	11	27	58	18	0
	147	QUSEIR	00	8	02	2	0	0	-	10.8	28.0	75	22	0	00	8	30	2	0	0	-	10.6	26.0	71	20	0
	208	PORT SUDAN																								
NORTH SUDAN	165	WADI HALFA																								
	166	KAREIMA																								
	167	ATBARA																								
	209	KHARTUM																								
	170	KASSALA																								
CENTRAL SUDAN	171	WAD MEDANI																								
	182	RENK																								
	172	ROSEIRES																								
	174	EL OBEID																								
	175	EL FASHER																								
	179	GENEINA																								
S. SUDAN	176	MALAKAL																								
	177	WAU																								
	178	JUBA																								

SUNDAY 10 th

AREA	STATION	At 0600 on: PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs	BAR. PRESSURE Diff from normal mbs	TEMPERATURE °C Dry Bulb	TEMPERATURE °C MAXIMUM Yesterday	TEMPERATURE °C MAXIMUM Diff from norm.	TEMPERATURE °C MINIMUM Today	TEMPERATURE °C MINIMUM Diff from norm.	HUMIDITY %	DEW POINT °C	RAINFALL mms Past 24 hrs	RAINFALL mms Total From Oct 1	RAINFALL mms Norm From Oct 1
		ww	V	DD	F	W	N	C	PPP		TT	T_xT_x		T_nT_n		UU				
MEDITERRANEAN	SIDI BARANI	01	8	26	2	1	5	8	16.4		22.9	25		16		82	15	0		
	MATRÛH	01	7	27	3	1	3	6	16		20	27		17		78	16	0	4	
	EL DABA																		0	
	ALEXANDRIA	01	9	32	2	2	5	8	15.1	-1.1	23.2	27	-2	21	•	61	15	•	2	1
	FOUAD (Airport)	03	7	29	2	0	5	8	14.6		23	27		20		65	16	0	2	2
	DAMIETTA	00	7	20	2	1	1	8	13.9	-1.3	20.8	27		16		77	17	0	0	1
	PORT SAÏD	00	7	24	3	0	0	6	14		22	27		21		78	18	0	0	
	EL ARISH	02	9	20	3	2	8	8	13.9	-1.1	22.6	28	-1	19	+1	73	18	0	0	1
LOWER EGYPT	DAMANHUR	02	6	28	2	2	8	8	15.2	-0.8	21.0	29	-1	17	-2	77	17	0	0	1
	MANSURA	01	7	16	1	1	3	8	14.6	-0.9	20.8	31	•	15	-3	79	17	0	•	0
	TANTA	00	8	00	0	1	2	8	15.8	-0.2	20.0	30	-1	14	-2	78	16	0	•	0
	ZAGAZIG	01	6	26	2	0	5	1	15.6	-0.5	23.1	31	0	17	+1	76	19	0	•	0
	SHIBIN EL KOM	00	7	30	2	0	6	8	15.0	-0.9	19.4	32		15		74	14	0	0	
	ISMAÏLIA	00	7	24	1	0	0	-	14.4		22.3	31		18		72	17	0	•	
CAIRO AREA	FAROUK(Airport)	00	7	26	1	0	0	-	15		21	29		18		74	16	0	0	
	ALMÂZA	00	7	28	1	0	0	-	15		21	29	-1	18	-2	74	16	0	0	
	EZBEKÍYA	00	7	28	2	0	0	—	15.4	-0.1	21.1	30	-1	18	0	72	16	0	0	0
	GÍZA	00	7	28	2	0	0	—	15.2	-0.4	22.6	30	0	16	0	69	17	0	0	0
	HELWÂN	09	5	00	0	0	1	8	15.5	-0.1	20.0	28	-2	17	-2	79	16	0	0	0
UPPER EGYPT	FAIYÛM	00	8	32	1	0	0	-	15.5	0.0	21.1	29	-3	17	-2	73	16	0	0	0
	BENI SUEF	00	7	04	1	0	0	-	15.1		22.1	31		16		72	17	0	0	
	MINYA	00	7	32	3	0	0	-	15		20	30		15		78	16	0	0	
	ASYÛT	00	7	26	1	0	0	-	14.8	+0.4	21.1	30	-1	17	0	74	16	0	0	0
	NAG' HAMMÂDI	00	8	26	1	0	0	-	13.4	+0.2	24.0	31		18		57	15	0	0	
	QENA	00	8	30	3	0	0	-	13.0	-0.1	22.0	34	-2	20	+1	57	13	0	0	
	LUXOR	00	8	18	1	0	0	-	13		24	34		18		54	14	0	0	
	ASWÂN	00	9	32	3	0	0	-	13.1	+0.8	25.0	35	-2	20	-2	53	15	0	0	
OASES	SIWA	00	7	00	0	0	0	-	11.9	+0.7	20.5	33	0	12	-3	52	10	0	0	0
	BAHARIYA	00	8	32	1	0	0	-	16.6	+0.4	20.9	28	-4	14	-2	74	16	0	0	0
	FARAFRA	00	8	22	1	0	0	-	16.3		22.8	29		16		64	16	0	0	
	DAKHLA	00	8	28	2	0	0	-	15.4	+0.6	21.6	30	-4	15	-3	61	14	0	0	
	KHARGA	00	7	02	2	0	0	-	14.2	+0.4	22.8	31	-4	19	0	64	16	0	0	
RED SEA	SUEZ	01	6	00	0	1	5	8	13.8	-0.8	20.4	31	-1	18	-2	83	17	0	0	0
	TOR	00	7	28	2	0	0	-	13.1	+0.4	25.8	29	0	17	-2	56	16	0	0	0
	HURGHADA	00	9	29	1	0	0	-	12		25	27		20		65	18	0	0	
	QUSEIR	00	8	30	3	0	0	-	11.6	-0.9	27.0	30	-1	23	-1	55	17	0	0	0
	PORT SUDAN																		0	3
NORTH SUDAN	WADI HALFA	00	8	02	3	0	0	-	10		27					27	06	0	0	0
	KAREIMA	00	8	32	2	1	0	-	9		30			24		24	07	0	0	0
	ATBARA																	0	0	1
	KHARTUM																	0	0	2
	KASSALA	00	8	00	0	0	0	-	8		31			18		41	16	0	0	
CENTRAL SUDAN	WAD MEDANI	00	7	20	3	0	0	-	8		26					62	18	0	2	3
	RENK																	0	0	12
	ROSEIRES																	0	0	8
	EL OBEID																	0	0	5
	EL FASHER	00	8	32	2	0	1	1			22			17		31	4	0	0	2
	GENEINA																	0		2
S. SUDAN	MALAKAL																	0	3	31
	WAU																	0	37	40
	JUBA																	11	39	32

HUMIDITY
Mean for the day

STATION	9th	Diff from normal
Alexandria	61	-6
Ezbekiya	70	+4
Giza	72	+4
Helwân	64	+11

GIZA
GRASS MINIMUM TEMP.
ON 10 th 11.3 °C

Remarks

UPPER AIR OBSERVATIONS on 9 th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT — ON 9 th AT 14 30

HEIGHT FEET	PRESSURE mb	DRY °C	WET °C
SURFACE	1007	29	21
500	986	26	18
1000	968	24	17
1500	951	24	17
2000	934	22	16
4000	867	16	12
6000	804	11	7
8000	776	11	2
10000	690	11	1
12000	609	8	-1
14000	590	4	-1
16000	544	-2	-5
18000			
20000			

FAROUK AIRPORT — RAWINSONDE — ON 10 th AT 4

PRESSURE mb	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		18	57	250	7
1000	400	18	55	250	7
950					
900	3340	15	45	340	10
850	4920	14	-	350	10
800	6600	16	-	350	15
700	10280	10	-	330	20
600	14430	3	-	280	24
500	19140	-10	-	270	25
400					
300	31540	-34	-	280	80
250					
200	40520	-51	-		
150					
100					

STATION	FOUAD A.P.		MATRUH		PORT SAID		MINYA	
TIME	15		14		14	15	15	
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV
200	320	16	320	20	330	16	360	29
500	330	15	320	9	340	18	360	38
1000	Ent Cu		320	13	320	16	360	50
1500			300	16	280	14	10	28
2000			300	14	300	9	20	16
3000			320	8	250	3		
4000			300	10	250	9		
5000			260	15	270	16		
6000								
7000								
8000								

STATION																
TIME																
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200																
500																
1000																
1500																
2000																
3000																
4000																
5000																
6000																
7000																
8000																

UPPER AIR OBSERVATIONS on 10 th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARANI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME	5		4 30		4		4						7		3						5		8	
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	280	11	300	11	340	12	290	9					320	8	330	29					350	10	180	3
500	320	13	320	9	350	12	320	9					350	9	360	38					10	13	70	2
1000	340	12	320	12	350	16	240	4					350	13	330	27					320	5	300	5
1500	340	13	320	12	Ent Cu		280	6					350	7	350	15					190	16	320	19
2000	310	14	330	15			290	6					330	10	360	26					220	10	340	19
3000	Ent Cb						310	12					Ent Cu										340	19
4000							300	10															280	19
5000							340	8																
6000																								
7000																								
8000																								

STATION	BAHARIYA		DAKHLA		KHARGA		HURGHADA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME			5		5 15		8																	
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			350	5	10	20	330	17																
500			30	6	10	28	330	4																
1000			10	20	360	23	40	11																
1500			320	31	360	08	50	13																
2000			300	34			10	10																
3000							80	3																
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G.M.T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

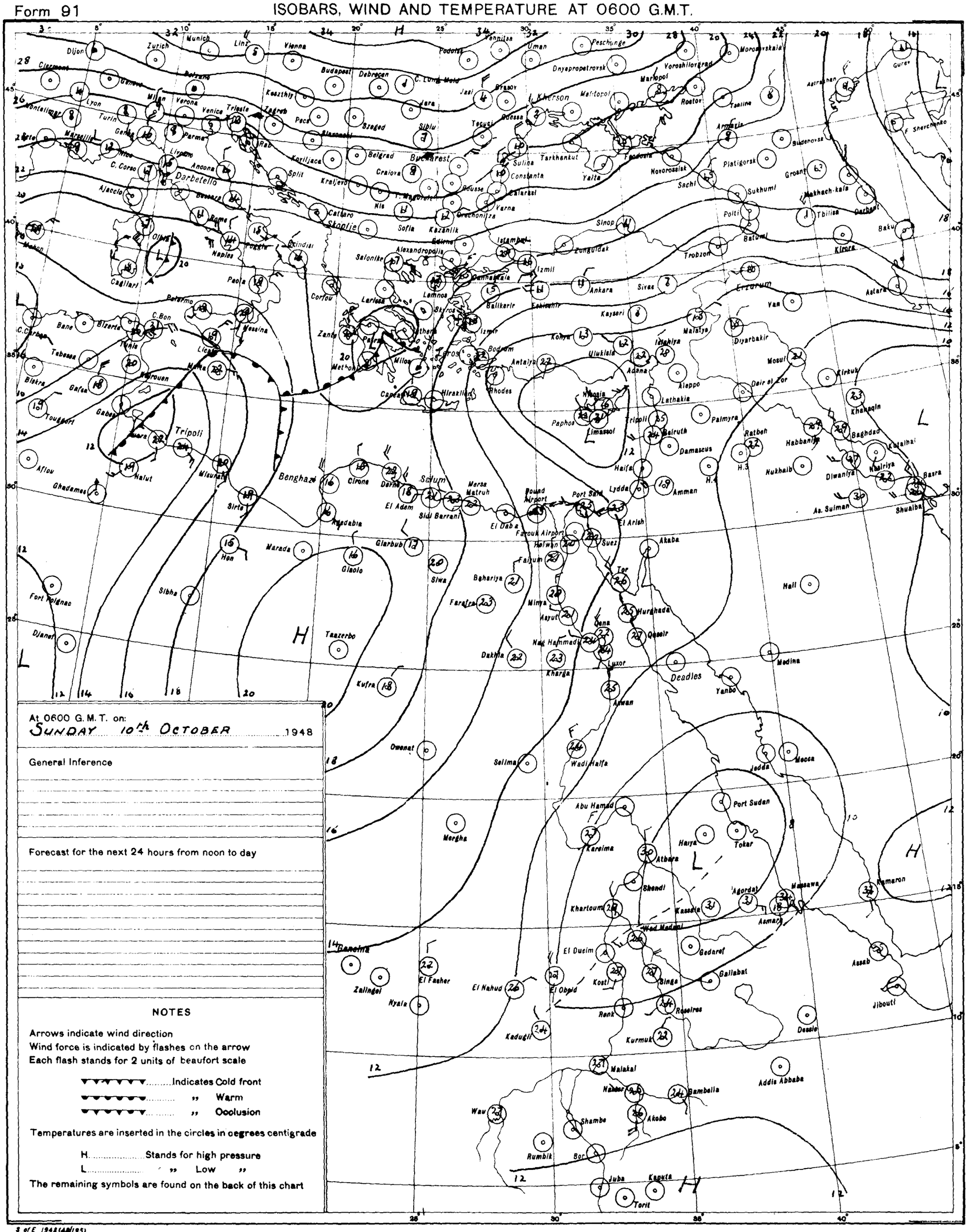
	K.P.H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g.
08 = East, 16 = South,
24 = West, 32 = North.
00 is Calm

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
SUNDAY 10th OCTOBER 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼..... Indicates Cold front
▼▼▼▼▼▼..... ,, Warm
▼▼▼▼▼▼..... ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

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

The remaining symbols are found on the back of this chart

S of E 1948 (48/195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 54 G.M.T.
" " Sunset 15 29 G.M.T

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

DAILY WEATHER REPORT

Date: MONDAY 11TH OCTOBER, 1948.

Form 91

WEATHER BUREAU

AREA	INDEX NUMBER	STATION	At 1200 on SUNDAY 10 TH: PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR PRESS M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms	At 1800 on 10 TH: PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARANI	01	8	30	1	0	3	6	16.0	24.1	54	14	0	01		28	3	1	5	8	15.9	22.4	65	15	0
	160	MATRÛH	01	8	32	3	1	5	6	15	25	42	11	0	01	7	30	2	1	5	6	16	22	69	16	0
	134	EL DABA	01	8	28	2	1	5	8		25.0	50	14	0	01	9	28	1	1	5	8		21.0	56	12	0
	132	ALEXANDRIA	01	7	30	3	2	5	8	14.2	25.4	50	14	0	01	6	30	3	2	5	8	15.1	22.4	58	13	0
	150	FOUAD (Airport)	01	8	30	3	0	5	8	14.2	26	51	15	0												
	159	DAMIETTA	01	8	30	3	1	3	8	13.1	25.2	57	16	0	01	7	26	3	1	3	8	13.2	22.0	71	16	0
	161	PORT SAÏD	00	8	32	N	0	2	6	13	25	65	18	0	00	9	28	4	0	2	6	14	23	65	16	0
	135	EL 'ARISH	01	9	28	4	1	3	8	13.0	26.1	54	16	0	00	9	28	4	0	-	-	13.4	23.4	61	15	0
LOWER EGYPT	136	DAMANHUR	01	7	28	3	1	3	8	14.4	25.6	56	16	0	00	7	28	2	1	0	-	15.1	19.8	83	17	0
	137	MANSURA	01	8	30	2	1	5	8	13.2	28.5	41	14	0	00	6	28	2	1	0	-	14.7	21.6	67	16	0
	138	TANTA	01	8	28	3	1	5	8	13.2	28.5	44	15	0	00	8	24	1	1	0	-	15.6	22.0	69	16	0
	139	ZAGAZIG	01	6	20	3	1	7	8	14.0	29.2	45	16	0	00	6	26	2	0	0	-	15.1	21.3	86	19	0
		SHIBÎN EL KÔM	01	8	02	3	1	5	8		28.4	45	15	0	00	7	02	2	0	0	-	14.8	21.9	70	16	0
		ISMAÏLIA	01	8	30	1	1	5	7	12.6	29.3	38	13	0	00	8	32	1	0	0	-	13.8	23.0	68	16	0
CAIRO AREA	928	FAROUK(Airport)	00	8	24	4	0	2	8	13	26	54	16	0	00	7	28	3	0	0	-	14	22	63	16	0
	141	ALMÂZA	01	8	28	4	1	5	8	12.9	27.0	43	19	0	00	7	30	3	0	0	-	14.4	22.5	61	15	0
		EZBEKÎYA	00	8	02	1	0	1	8	13.5	27.4	43	13	0	00	7	00	0	0	0	-	14.8	22.4	61	14	0
		GÎZA	00	8	02	1	0	1	8	13.4	27.3	42	13	0	00	7	00	0	0	0	-	14.3	22.2	66	15	0
	143	HELWÂN	00	1	26	3	0	6	8	13.4	26.2	43	12	0	00	7	28	2	0	0	-	15.0	23.0	58	14	0
UPPER EGYPT	153	FAIYÛM	00	8	30	3	0	0	-	13.2	27.3	42	13	0	00	8	32	1	0	0	-	15.0	22.8	58	14	0
		BENI SUEF	00	9	02	1	0	0	-	13.1	29.4	39	14	0	00	9	02	1	0	0	-	14.4	22.9	57	14	0
	162	MINYA	00	8	01	4	0	0	-	13	28	40	13	0	00	8	01	1	0	0	-	14	20	69	14	0
	155	ASYÛT	00	8	26	1	0	0	-	13.2	28.2	36	12	0	00	6	28	1	0	0	-	14.0	24.0	53	14	0
	164	NAG' HAMMÂDI	00	8	24	2	0	0	-	11.2	28.8	41	14	0	00	8	00	0	0	0	-	12.3	24.6	56	15	0
	156	QENA	00	9	22	3	0	0	-	10.7	32.1	37	15	0	00	6	24	2	0	0	-	12.3	23.4	58	14	0
	157	LUXOR	00	8	26	1	0	0	-	10	32	29	12	0												
	158	ASWÂN	00	9	30	2	0	0	-	9.9	34.2	28	12	0												
OASES	148	SIWA	00	8	24	2	0	0	-	16.4	28.2	56	18	0	00	6	00	0	0	0	-	16.8	24.5	57	15	0
	149	BAHARÎYA	00	8	24	1	0	0	-	14.8	28.0	42	14	0	00	7	02	1	0	0	-	15.2	23.5	42	10	0
		FARAFRA																								
	152	DAKHLA	00	9	30	3	0	0	-	13.4	28.8	35	12	0	00	8	28	2	0	0	-	13.0	25.4	40	10	0
	151	KHARGA	00	9	32	1	0	0	-	12.6	29.8	22	06	0	00	7	32	1	0	0	-	12.3	24.6	41	11	0
RED SEA	144	SUEZ	00	8	00	0	0	0	-	11.8	27.2	41	13	0	00		00	0	0	0	-	13.1	23.7	62	16	0
	145	TÛR	00	8	28	3	0	0	-	11.1	29.0	56	17	0	00	8	28	2	0	0	-	11.4	25.5	76	21	0
	163	HURGHÂDA	00	9	01	3	0	0	-	10	26	42	18	0	00	8	30	N	0	0	-	12	25	58	16	0
	147	QUSEIR	00	8	32	2	0	0	-	10.8	28.0	70	22	0	00	8	32	2	0	0	-	11.5	25.4	80	21	0
	208	PORT SÛDÂN													00	8	28	1	0	0	-	10	28	70	22	0
NORTH SÛDÂN	165	WADI HALFA													00	8	00	0	0	0	-	7	33	10	-2	0
	166	KAREIMA													00	8	00	0	0	0	-	5	31	24	08	0
	167	'ATBARA													00	8	00	0	0	0	-	5	33	30	13	0
	209	KHARTÛM													00	8	01	1	0	0	-	5	31	29	11	0
	170	KASSALA																								
CENTRAL SÛDÂN	171	WAD MEDANI																								
	182	RENK																								
	172	ROSEIRES																								
	174	EL OBEID													01	8	00	0	1	7	4,1	1	31	26	09	0
	175	EL FASHER													00	8	08	3	1	0			30	22	06	0
	179	GENEINA																								
S SÛDÂN	176	MALAKÂL													07	8	00	0	1	10	8,4	10	24	89	22	0
	177	WÂU																								
	178	JUBA																								

AREA	INDEX NUMBER	STATION	At 0600 on MONDAY 11 TH: PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE MAXIMUM Yesterday	TEMPERATURE MAXIMUM Diff. from norm.	TEMPERATURE MINIMUM Today	TEMPERATURE MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm From Oct. 1	STATION	AREA
			ww	V	DD	F	W		C	PPP		TT	$T_x T_x$		$T_n T_n$		UU						
MEDITERRANEAN	146	SIDI BARANI	01	7	30	4	1	5	8	18.0		23.2	25		21		60	15	0			SIDI BARANI	MEDITERRANEAN
	160	MATRÛH	01	8	32	3	1	3	6,4	17		22	26		18		66	15	0	4		MATRÛH	
	134	EL DABA	01	8	28	2	1	5	8			21.5	25				63	14	0	0		EL DABA	
	132	ALEXANDRIA	01	7	30	2	5	5	7	14.4	-1.8	22.4	26	-3	20	0	62	14	dr	2	2	ALEXANDRIA	
	150	FOUAD (Airport)	81	7	26	2	5	8	8	14.2		21			20		83	18	dr	2	2	FOUAD (Airport)	
	159	DAMIETTA	02	7	28	2	1	8	6	13.5	-1.7	19.8	26		16		80	16	0	0	2	DAMIETTA	
	161	PORT SAÏD	01	7	23	3	0	3	6	14		22	26		21		69	16	0	0		PORT SAÏD	
	135	EL 'ARISH	02	9	20	3	2	9	6	13.9	-1.1	22.1	27	-2	18	0	66	15	0	0	1	EL 'ARISH	
LOWER EGYPT	136	DAMANHUR	02	6	24	2	2	9	8	15.1	-0.9	19.8	27	-4	16	-1	81	17	0	4	1	DAMANHÛR	LOWER EGYPT
	137	MANSURA	01	7	20	1	1	3	8	14.2	-1.4	22.8	29	-2	15	-3	61	16	0	0	1	MANSÛRA	
	138	TANTA	01	8	20	1	1	3	8	15.4	-0.6	19.8	29	-2	13	-3	70	14	0	0	1	TANTA	
	139	ZAGAZIG	00	6	18	2	0	0	-	15.9	-0.2	21.1	30	-1	15	-1	77	17	0	0	0	ZAGAZIG	
		SHIBÎN EL KÔM	01	7	28	2	1	3	8	15.1	-0.9	19.2	32		16		77	15	0	0		SHIBÎN EL KÔM	
		ISMAÏLIA	01	7	22	1	1	5	4	14.2		21.8	30		17		67	15	0	0		ISMAÏLIA	
CAIRO AREA	928	FAROUK(Airport)	00	7	18	2	0	1	6	15		21	28		17		70	13	0	0		FAROUK(Airport)	CAIRO AREA
	141	ALMÂZA	00	7	20	1	0	2	6	15.6	0.0	21.0	28		16		67	14	0	0		ALMÂZA	
		EZBEKÎYA	00	7	00	0	0	0	-	15.4	-0.2	19.8	29	-2	17	-1	72	15	0	0	0	EZBEKÎYA	
		GÎZA	00	7	00	0	0	0	-	15.2	-0.5	21.3	28	-2	13	-3	71	15	0	0	1	GÎZA	
	143	HELWÂN	09	4	00	0	0	0	-	15.2	-0.4	19.7	27	-3	15	-4	75	15	0	0	0	HELWÂN	
UPPER EGYPT	153	FAIYÛM	00	8	30	1	0	0	-	15.5	-0.1	21.2	29	-3	15	-3	73	16	0	0	0	FAIYÛM	UPPER EGYPT
		BENI SUEF	00	9	02	1	0	0	-	15.4		21.6	29		15		71	16	0	0		BENI SUEF	
	162	MINYA	00	7	32	2	0	6	8	15		20	29		13		73	15	0	0		MINYA	
	155	ASYÛT	00	7	20	1	0	0	-	15.1	+0.7	22.3	29	-2	17	-2	64	15	0	0	0	ASYÛT	
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	14.0	+0.7	24.4	30		14		55	14	0	0		NAG' HAMMÂDI	
	156	QENA	00	8	24	2	0	0	-	14.0	+0.8	21.2	33	-2	18	-1	63	14	0	0		QENA	
	157	LUXOR	00	8	00	0	0	0	-	14		24			15		47	12	0	0		LUXOR	
	158	ASWÂN	00	9	32	2	0	0	-	13.5	+1.2	23.8	36	-1	21	-1	54	14	0	0		ASWÂN	
OASES	148	SIWA	00	7	28	2	0	0	-	17.5	+0.2	19.3	30	-3	13	-2	52	09	0	0	0	SIWA	OASES
	149	BAHARÎYA	00	8	32	1	0	0	-	16.4	+0.1	20.2	29	-2	13	-3	57	11	0	0	0	BAHARIYA	
		FARAFRA																	0	0		FARAFRA	
	152	DAKHLA	04	8	24	1	0	0	-			20.0	30	-4	14	-4	54	10	0	0		DAKHLA	
	151	KHARGA	00	8	00	0	0	0	-			17.0	30	-5	16	-3	52	9	0	0		KHARGA	
RED SEA	144	SUEZ	00	6	00	0	0	1	8	12.7	-2.0	21.0	30	-2	18	-2	70	15	0	0	0	SUEZ	RED SEA
	145	TOR	00	8	04	2	0	0	-	12.4	-0.4	21.8	29	0	16	-3	58	13	0	0	0	TOR	
	163	HURGHADA	00	9	30	4	0	6	1	13		23	26		18		78	19	0	0		HURGHADA	
	147	QUSEIR	00	8	32	3	0	0	-	12.4	-0.2	26.0	29	-2	22	-2	55	16	0	0	0	QUSEIR	
	208	PORT SUDAN	00	8	20	1	1	2	8	11									0	0	4	PORT SUDAN	
NORTH SÛDÂN	165	WADI HALFA																	0	0		WÂDI HALFA	NORTH SÛDÂN
	166	KAREIMA	00	8	04	3	0	0	-	10		28					27	07	0	0	0	KAREIMA	
	167	'ATBARA	01	8	02	3	1	3	1	8		31					19	05	0	0	0	'ATBARA	
	209	KHARTÛM	00	8	06	2	0	6	1	8								18	0	0	1	KHARTÛM	
	170	KASSALA	00	8	16	2	0	0	-	9		30					49	18	0	0	2	KASSALA	
CENTRAL SÛDÂN	171	WAD MEDANI																	0	2	4	WAD MEDANI	CENTRAL SÛDÂN
	182	RENK																	0	0	13	RENK	
	172	ROSEIRES																	0	0	9	ROSEIRES	
	174	EL OBEID	00	8	32	N	1	1	4	8		28					25	06	0	0	5	EL OBEID	
	175	EL FASHER	01	8	00	0	1	5				22					44	09	0	0	2	EL FASHER	
	179	GENEINA	02	8	06	3	1	10	2			22					31	04	0	0	3	GENEINA	
S SÛDÂN	176	MALAKÂL																	27	32	34	MALAKAL	S SÛDÂN
	177	WÂU																	19	56	45	WÂU	
	178	JUBA																	0	39	35	JUBA	

HUMIDITY

Mean of day

STATION	on 10 TH	Diff. from normal
Alexandria	58	- 9
Ezbekîya	60	- 6
Giza	62	- 6
Helwân	62	+ 9

GIZA GRASS MINIMUM TEMP. ON 11 TH 8.6 °C

Remarks

UPPER AIR OBSERVATIONS on 10 TH

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT ON 10 TH AT 14 30

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C	WIND DD	WIND VV
SURFACE	1004	27	21		
500	986	24	17		
1000	968	22	16		
1500	951	21	16		
2000	934	19	14		
4000	867	13	12		
6000	804	8	3		
8000	746	11	2		
10000	690	8	1		
12000	639	3	-2		
14000	590	-3	-4		
16000	544	-8	-9		
18000					
20000					

FAROUK AIRPORT RAWINSONDE ON 11 TH AT 4

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
1000		17	80	180	5
950					
900	3340	15	75	330	13
850	4940	17	45	300	17
800	6640	17	25	270	15
700	10320	9	-	260	24
600	14440	2	-	280	34
500	19150	-7	-	270	54
400					
300	31420	-39	-	270	96
250					
200					
150					
100					

HEIGHT m.	MATRUH TIME 14 DD	MATRUH VV			FOUAD A.P. TIME 15 DD	FOUAD A.P. VV	ALMAZA TIME 15 30 DD	ALMAZA VV	MINYA TIME 15 DD	MINYA VV				
200	320	16			300	18	340	9	350	20				
500	320	11			300	18	320	10	340	30				
1000	290	13			320	19	320	8	340	23				
1500	280	14			330	11	300	15	330	25				
2000	300	18			310	17	260	8	340	25				
3000	280	16			290	12	270	13						
4000														
5000														
6000														
7000														
8000														

HEIGHT m.	STATION	TIME	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200																
500																
1000																
1500																
2000																
3000																
4000																
5000																
6000																
7000																
8000																

UPPER AIR OBSERVATIONS on 11 TH

DD Direction of wind in degrees East of North. VV Velocity in knots.

HEIGHT m.	SIDI BARANI TIME 5 DD	SIDI BARANI VV	MATRÛH TIME 4 DD	MATRÛH VV	FOUAD AIRPORT DD	FOUAD AIRPORT VV	PORT SAÏD TIME 3 30 DD	PORT SAÏD VV	FAROUK AIRPORT TIME 4 DD	FAROUK AIRPORT VV	ALMÂZA DD	ALMÂZA VV	HELWÂN TIME 7 DD	HELWÂN VV	MINYA TIME 3 DD	MINYA VV	ASYÛT DD	ASYÛT VV	LUXOR DD	LUXOR VV	ASWÂN TIME 5 DD	ASWÂN VV	SIWA TIME 5 DD	SIWA VV
200	340	17	340	20			280	8	310	4			230	2	20	12					10	10	360	16
500	340	16	340	16			310	9	350	6			320	3	20	10					360	10	10	16
1000	340	16	330	14			320	9	340	10			330	7	20	10					190	5	20	8
1500	340	15	350	21				✓	300	15			330	17	30	9					220	8	350	28
2000	ENTCB								270	13					30	9							350	37
3000									260	20														
4000																								
5000																								
6000									270	45														
7000																								
8000																								

HEIGHT m.	STATION	TIME	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	BAHARÎYA				DAKHLA 5		KHARGA 5 15		HURGHADA 8		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER 4 45		MALAKAL	
500			350	6	10	20	330	28																
1000			20	10	10	28	320	22																
1500			360	17	360	23	320	21															340	8
2000			350	21	20	41	240	18															50	15
3000			350	19	280	4	250	16															70	20
4000							210	9															140	2
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

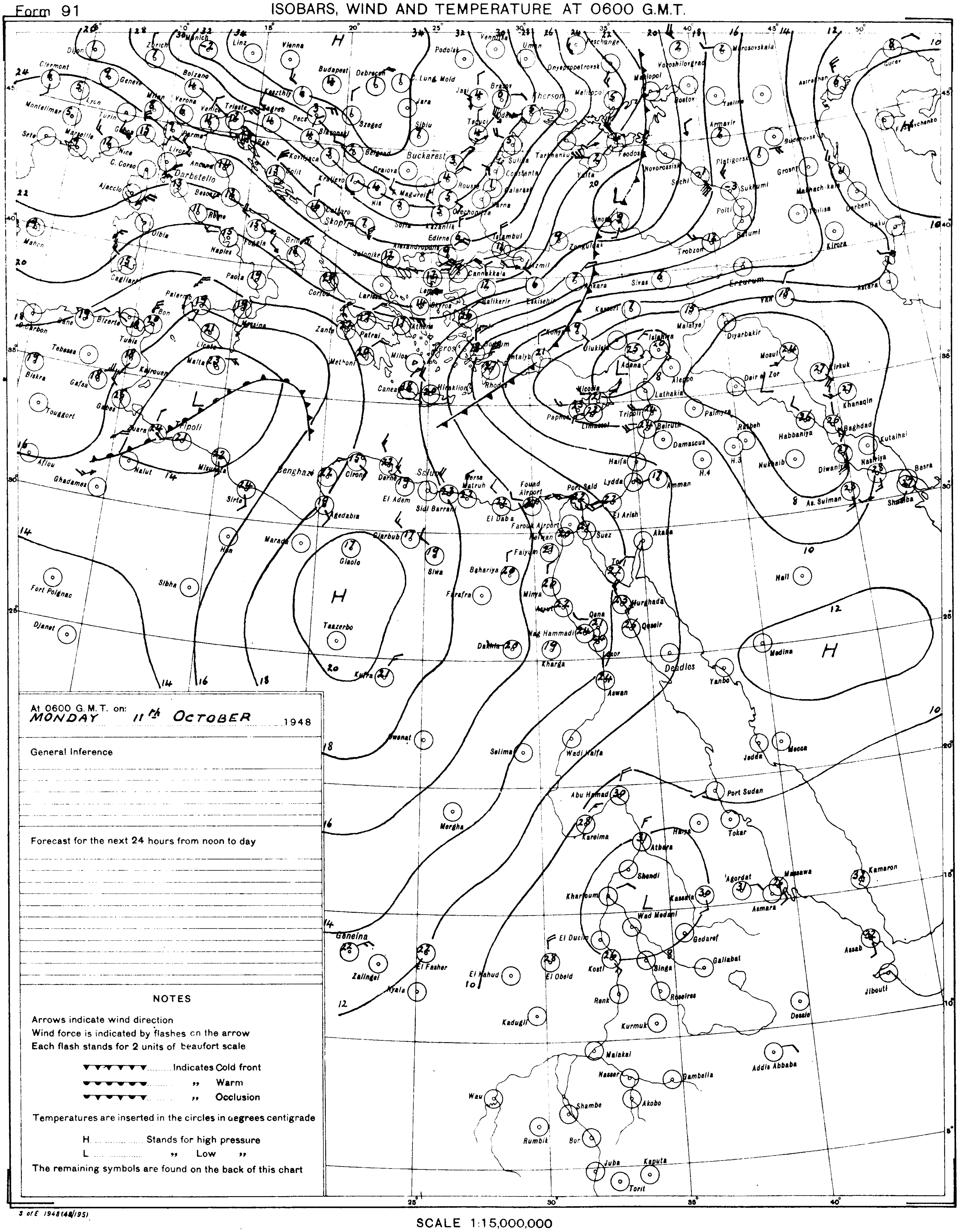
	K.P.H. Force	
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



S of E 1948(48/195)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 55 G.M.T.

" " Sunset 15 28 G.M.T

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date : TUESDAY 12TH OCTOBER , 1948.

At 1200 on MONDAY 11TH

AREA	INDEX NUMBER	STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR PRESS M.S.L. mbs. PPP	°C TEMP. TT	HUMIDITY % UU	DEW POINT °C.	RAIN 6-12 G M T mms
MEDITERRANEAN	146	SIDI BARÂNI	01	9	30	4	1	5	8	17.1	24.4	58	15	0
	160	MATRÛH	01	8	02	5	1	5	6	16	25	65	18	•
	134	EL DABA	01	7	28	3	1	5	8	14.3	24.2	57	15	•
	132	ALEXANDRIA	02	9	28	4	2	8	8	13.9	24.2	59	15	0
	150	FOUAD (Airport)	02	8	29	4	1	8	8	14.1	26	51	15	•
	159	DAMIETTA	01	8	26	2	5	8	8	12.4	24.8	59	15	tr
	161	PORT SAÏD	01	7	28	3	1	5	8	12.4	26	55	16?	•
	135	EL ARISH	01	9	28	4	1	3	8	12.6	25.4	88?	23?	••
LOWER EGYPT	136	DAMANHUR	01	7	28	4	1	3	8	14.2	24.2	42	10	•
	137	MANSURA	01	8	24	2	1	5	8	13.0	27.0	44	14	0
	138	TANTA	01	8	24	3	1	5	8	14.0	28.0	44	15	0
	139	ZAGAZIG	01	6	24	2	•	5	8	14.0	29.0	46	16	0
		SHIBÎN EL KÔM	01	8	30	4	1	3	8	13.6	28.2	44	15	•
		ISMAÏLÍA	02	7	26	2	2	8	6	12.8	26.0	48	14	•
CAIRO AREA	928	FAROUK(Airport)	01	8	28	4	1	5	9	13	27	62	19	0
	141	ALMÁZA	01	8	26	4	1	5	6	13	27	44	13	•
		EZBEKÍYA	02	8	32	2	2	7	8	13.2	27.0	46	14	•
		GÎZA	02	8	32	2	2	7	8	13.4	26.8	41	12	0
	143	HELWÂN	01	9	26	4	1	5	8	13.2	26.2	39	11	•
UPPER EGYPT	153	FAIYÛM	01	8	30	2	1	3	8	13.6	27.1	42	13	•
		BENI SUEF	01	9	30	2	•	5	8	13.8	28.6	42	13	•
	162	MINYA	00	8	01	4	•	1	1	14	28	40	13	•
	155	ASYÛT	00	8	01	4	•	1	1	14	28	40	13	•
	164	NAG' HAMMÂDI	00	8	28	1	•	•	-	11.5	29.9	39	14	0
	156	QENA	00	9	24	1	•	•	•	11.0	33.4	33	14	0
	157	LUXOR	00	8	00	•	•	1	2	11	31	31	12	0
	158	ASWÂN	00	9	02	2	•	•	-	9.5	34.7	20	09	•
OASES	148	SIWA	00	8	32	2	0	•	-	17.0	28.5	55	18	•
	149	BAHARÍYA	00	8	32	2	•	•	-	14.8	27.8	41	12	•
		FARAFRA												
	152	DAKHLA	00	9	30	2	•	•	-		29.0	39	14	•
	151	KHARGA	00	9	32	1	•	•	-	12.6	30.0	30	10	•
RED SEA	144	SUEZ												
	145	TOR	00	8	28	5	•	•	-	11.1	27.2	55	17	0
	163	HURGHÂDA	00	9	02	3	0	2	4	11	26	55	16	0
	147	QUSEIR	00	8	02	2	•	•	-	11.6	27.0	72	21	•
	208	PORT SÚDAN												
NORTH SÚDAN	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÚDAN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S SÚDAN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 1800 on 11TH

AREA	INDEX NUMBER	STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	°C TEMP. TT	HUMIDITY % UU	DEW POINT °C.	RAIN 12-18 G M T mms
MEDITERRANEAN	146	SIDI BARÂNI	01	6	30	3	1	5	8	17.9	22.1			0
	160	MATRÛH	01	7	02	4	1	5	6	18	22	69	16	0
	134	EL DABA	01	7	28	4	1	5	8		22.2	64	15	•
	132	ALEXANDRIA	02	6	28	5	2	8	8	14.7	22.0	66	15	•
	150	FOUAD (Airport)	01	7	28	4	1	5	8	15.3	22	69	16	0
	159	DAMIETTA	01	7	26	3	1	3	8	16.6	22.2	69	16	•
	161	PORT SAÏD	01	7	26	5	1	3	6,4	14	23	65	16	•
	135	EL ARISH	01	9	30	4	1	3	8	12.8	23.4	87	21	0
LOWER EGYPT	136	DAMANHUR	01	7	32	4	1	3	8	14.7	20.4	73	15	•
	137	MANSURA	01	7	32	2	1	5	6	17.4	21.0	74	16	•
	138	TANTA	00	8	28	3	1	2	8	18.3	22.1	71	16	•
	139	ZAGAZIG	01	6	24	2	•	7	8	17.6	21.4	73	15	•
		SHIBÎN EL KÔM	00	7	30	2	0	1	8		19.4	81		0
		ISMAÏLÍA	01	7	26	2	1	5	4	18.0	21.8	78		0
CAIRO AREA	928	FAROUK(Airport)	00	7	26	4	•	•	-	18	20		18	0
	141	ALMÁZA	00	7	26	4	•	0	-	18.0	20.2	78	18	0
		EZBEKÍYA	00	7	30	3	0	0	-	18.3	21.0	78	18	•
		GÎZA	00	7	30	3	0	•	-	18.3	21.6	78	18	•
	143	HELWÂN	00	6	00	•	•	•	-	18.6	19.4	87	17	0
UPPER EGYPT	153	FAIYÛM	00	8	32	1	•	•	-	19.1	22.1	78	15	•
		BENI SUEF	00	9	02	1	•	•	-	18.4	22.6	74	15	•
	162	MINYA	00	7	32	3	0	0	-	19	20	78	15	0
	155	ASYÛT	00	7	28	1	•	•	-	18.7	20.8	78	18	•
	164	NAG' HAMMÂDI	00	8	26	1	•	0	-	16.6	20.3	74	14	0
	156	QENA	00	8	30	2	•	•	-	15.9	21.4	75	18	•
	157	LUXOR	00	8	30	3	•	•	-	16	24	73	17	•
	158	ASWÂN	00	9	32	2	•	•	-	15.9	22.7	76	16	•
OASES	148	SIWA	00	7	00	•	•	•	-	20.8	21.2	91	18	0
	149	BAHARÍYA	00	7	32	2	0	•	-	19.8	20.0	98	18	0
		FARAFRA	00	8	02	2	•	•	-	19.5	19.0	92	17	•
	152	DAKHLA	00	8	00	•	•	•	-	17.6	19.6	91	17	0
	151	KHARGA	00	7	32	3	•	•	-	18.4	22.0	91	18	•
RED SEA	144	SUEZ	00		30	4	0	0	-	12.4	23.2	86	21	0
	145	TOR	00	8	28	2	•	•	-	11.6	24.6	65	20	•
	163	HURGHÂDA	00	9	29	4	0	•	-	15	25	51	14	0
	147	QUSEIR	00	8	32	2	•	•	-	12.6	24.7	70	19	0
	208	PORT SÚDAN												
NORTH SÚDAN	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÚDAN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S SÚDAN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 0600 on TUESDAY 12TH

AREA	INDEX NUMBER	STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR. PRESSURE M.S.L. mbs. PPP	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb TT	TEMPERATURE °C. MAXIMUM Yesterday T_xT_x	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today T_nT_n	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY % UU	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct 1	RAINFALL mms. Norm From Oct 1
MEDITERRANEAN	146	SIDI BARÂNI	02	8	02	4	2	10	7	20.6		20.8	25		20		67	14	0		
	160	MATRÛH	02	7	03	5	1	10	6	20		20	26		20		64	14	•	4	
	134	EL DABA	18	6	30	5	3	5	8	19.5		21.4	25				48	09	•	0	
	132	ALEXANDRIA	01	7	28	7	2	5	4	18.2	+1.9	20.8	26	-3	20	•	58	12	•	2	2
	150	FOUAD (Airport)	00	7	31	4	0	1	6	18.2		21	26		21		57	12	•	2	2
	159	DAMIETTA	01	7	28	5	1	7	6	16.8	+1.5	20.8	26		18		56	12	tr	0	2
	161	PORT SAÏD	18	6	28	5	3	5	6	17		22	27		20		57	13	0	0	
	135	EL ARISH	02	7	24	4	2	8	8	15.2	+0.1	23.7	27	-2	18	0	60	16	0	0	1
LOWER EGYPT	136	DAMANHUR	1H	5	32	6	1	3	8	18.2	+2.1	20.8	27	-4	18	+1	61	13	•	tr	1
	137	MANSURA	01	7	32	2	1	5	6	17.4	+1.7	20.8	28	-3	17	-1	65	14	0	0	1
	138	TANTA	00	8	28	3	1	2	8	18.3	+2.1	21.0	28	-3	14	-2	57	12	0	0	1
	139	ZAGAZIG	01	6	24	2	0	7	8	17.6	+1.4	23.4	29	-2	16	•	80	19	•	•	•
		SHIBÎN EL KÔM	00	7	30	2	0	1	8			19.4	31		15		72	14	•	0	
		ISMAÏLÍA	01	7	26	2	1	5	4	18.0		21.8	28		18		67	15	•	•	
CAIRO AREA	928	FAROUK(Airport)	00	7	26	4	0	•	-	18		20			18		69	14	•	0	
	141	ALMÁZA	00	7	26	4	•	0	-	18.0	+2.3	20.2	28		18		66	12	0	0	
		EZBEKÍYA	00	7	30	3	0	0	-	18.3	+2.6	21.0	28	-3	18	•	59	12	0	0	0
		GÎZA	00	7	30	3	0	•	-	18.3	+2.5	21.6	28	-2	15	-1	57	13	•	•	1
	143	HELWÂN	00	6	00	0	•	•	-	18.6	+2.9	19.4	27	-3	17	+1	73	14	0	0	0
UPPER EGYPT	153	FAIYÛM	00	8	32	1	0	•	-	19.1	+3.4	22.1	29	-3	15	-3	56	13	•	0	0
		BENI SUEF	00	9	02	1	0	•	-	18.4		22.6	29		15		66	16	•	0	0
	162	MINYA	00	7	32	3	0	0	-	19		20	28		15		70	15	0	0	0
	155	ASYÛT	00	7	28	1	0	•	-	18.7	+4.2	20.8	28	-3	18	-1	67	14	•	•	0
	164	NAG' HAMMÂDI	00	8	26	1	0	•	-	16.6	+3.3	24.4	30		16		56	15	0	0	
	156	QENA	00	8	30	2	0	•	-	15.9	+3.6	21.4	35	•	18	-1	62	18	•	0	
	157	LUXOR	00	8	30	3	0	•	-	16		24	33		19		54	14	•	0	
	158	ASWÂN	00	9	32	2	0	•	-	15.9	+3.5	22.7	36	-1	20	-2	66	16	0	0	
OASES	148	SIWA	00	7	00	•	0	•	-	20.8	+3.5	21.2	31	-2	14	-1	55	12	0	0	0
	149	BAHARÍYA	00	7	32	2	0	•	-	19.8	+3.5	20.0	28	-3	11	•	72	15	•	0	0
		FARAFRA	00	8	02	2	0	•	-	19.5		19.0	32		15		88	17	0	0	
	152	DAKHLA	00	8	00	0	0	•	-	17.6	+4.6	23.4	31	-3	15	-3	55	11	0	0	
	151	KHARGA	00	7	32	3	0	•	-	18.4	+4.4	22.0	31	-4	17	-3	60	14	0	0	
RED SEA	144	SUEZ	00	7	28	2	0	4	-			23.1	30	-1	20	•	60	15	•	0	0
	145	TOR	00	8	28	4	0	•	-	15.0	+2.1	25.0	30	+2	21	-2	74	20	0	0	0
	163	HURGHÂDA	00	9	29	4	0	•	-	15		23	26		19		69	17	0	0	
	147	QUSEIR	00	8	32	2	0	•	-	14.7	+2.0	25.0	28	-3	22	-2	61	17	0	0	0
	208	PORT SUDAN																	0	0	4
NORTH SÚDAN	165	WADI HALFA																	0	0	
	166	KAREIMA																	0	0	0
	167	'ATBARA	00	7			0	0	-	10		27			26		23	4	0	0	0
	209	KHARTÛM																	0	0	1
	170	KASSALA																	0	0	0
CENTRAL SÚDAN	171	WAD MEDANI																	0	2	4
	182	RENK																	0	•	15
	172	ROSEIRES																	0	•	10
	174	EL OBEID	00	8	24	3	•	0	-	9		29					37	14	0	•	6
	175	EL FÂSHER	00	8	16	1	0	1	4			22					38	07	•	•	0
	179	GENEINA	01	7	06	3	1	7	1			23					36	07	•		0
S SÚDAN	176	MALAKÂL																	0	32	38
	177	WÂU																	0	56	50
	178	JUBA																	0	39	38

HUMIDITY

Mean of day

STATION	on 11TH	Diff. from normal
Alexandria	62	-5
Ezbekîya	64	-2
Giza	65	-3
Helwân	63	+10

GIZA GRASS MINIMUM TEMP ON 12TH 10.4 °C

Remarks

UPPER AIR OBSERVATIONS on 11TH

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT ON 11TH AT 14 30

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C	WIND DD	WIND VV
SURFACE	1004	26	19		
500	981	25	18		
1000	958	24	17		
1500	951	22	16		
2000	934	20	15		
4000	867	14	12		
6000	804	11	7		
8000	746	12	2		
10000	690	8	1		
12000	639	4	-2		
14000	590	0	-4		
16000	544	-4	-4		
18000					
20000					

FAROUK AIRPORT RAWINSONDE ON 12TH AT 04

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
Surface		18	57	260	9
1000	480	18	55	260	9
950					
900	3420	13	45	330	20
850	4280	11	35	320	30
800	5140	10	45	310	32
700	10240	5	25	310	43
600	14200	-2	-	300	60
500	19000	-10	-	300	74
400					
300	31220	-39	-	90	96
250					
200					
150					
100					

STATION	MATRUH				Fouad A.P.				P. Saïd				Minya	
TIME	13 45				15 15				14 45				15	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	330	14			320	25			290	31			10	27
500	320	17							290	33			360	31
1000	330	22							290	38			360	28
1500	340	23											330	40
2000													320	30
3000													330	35
4000														
5000														
6000														
7000														
8000														

STATION														
TIME														
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200														
500														
1000														
1500														
2000														
3000														
4000														
5000														
6000														
7000														
8000														

UPPER AIR OBSERVATIONS on 12TH

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÁZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME	5				3	30	4	15							3	30							5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	30	20			320	26	30	27							350	22							70	23
500	20	16			330	26	320	26							350	30							70	18
1000	10	13			320	39	ENTSc								360	30							70	6
1500	10	9			320	44									360	26							350	17
2000																							340	24
3000																							350	35
4000																								
5000																								
6000																								
7000																								
8000																								

STATION	BAHARÍYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME			5		5	15	8																	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			30	8	10	20	340	30																
500			40	12	20	26	320	22																
1000			360	18	10	25	220	13																
1500			20	27	10	19	230	10																
2000			20	27			230	18																
3000							230	23																
4000																								
5000																								
6000																								
7000																								
8000																								

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20 29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H. Force	
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on:
TUESDAY 12th OCTOBER 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

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

Temperatures are inserted in the circles in degrees centigrade

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

The remaining symbols are found on the back of this chart

S of E 1948(48)/195)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 05 55 G.M.T.

" " Sunset 17 27 G.M.T

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

DAILY WEATHER REPORT

Date : WEDNESDAY 13th OCTOBER , 1948.

WEATHER BUREAU

Form 91

At 1200 on TUESDAY 12 th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0..10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARANI	01	8	02	4	1	5	8,4	22.4	20	62	13	0
	160	MATRÛH	00	8	02	4	1	1	6	22	22	50	11	0
	134	EL DABA	00	9	30	2	0	-	-	20.2	21.7	39	06	0
	132	ALEXANDRIA	01	9	32	5	2	3	8	20.0	22.0	40	08	0
	150	FOUAD (Airport)	00	7	32	4	0	1	8	19.1	23	38	08	0
	159	DAMIETTA	01	8	28	4	1	5	8,6	17.4	21.8	45	09	0
	161	PORT SAÏD	01	7	29	6	1	5	6	17	22	50	11	0
	135	EL ARISH	02	9	30	5	3	9	8	15.8	22.9	90	21	0
LOWER EGYPT	136	DAMANHUR	01	6	32	5	1	5	8	19.5	23.3	49	12	0
	137	MANSURA	01	8	32	2	1	5	4	18.3	23.8	40	10	0
	138	TANTA	00	8	28	5	0	-	-	19.0	24.0	42	10	0
	139	ZAGAZIG	01	6	32	4	1	3	8	17.2	25.0	47	13	0
		SHIBIN EL KÔM	00	8	02	3	0	-	-	17.5	24.9	38	10	0
		ISMAILIA	01	7	26	2	1	3	4	16.1	28.4	55	18	0
CAIRO AREA	928	FAROUK(Airport)	00	7	26	4	0	0	-	17	24	61	16	0
	141	ALMAZA	00	8	28	4	0	0	-	17.8	24.6	40	11	0
		EZBEKIYA	00	8	02	1	0	0	-	18.2	25.1	39	10	0
		GIZA	00	8	02	1	0	0	-	17.8	24.6	36	09	0
	143	HELWAN	00	7	30	5	0	0	-	17.5	24.1	34	07	0
UPPER EGYPT	153	FAIYUM	00	8	32	4	0	0	-	18.0	26.1	35	09	0
		BENI SUEF	00	7	02	2	0	0	-		29.1	42	15	0
	162	MINYA	00	8	01	4	0	0	-	18	28	33	10	0
	155	ASYÛT	00	8	28	2	0	0	-	10.2	26.8	38	11	0
	164	NAG' HAMMÂDI	00	8	24	1	0	0	-	12.9	28.8	51	18	0
	156	QENA	00	9	24	2	0	0	-	11.8	32.4	35	14	0
	157	LUXOR	00	8	29	3	0	0	-	13	31	34	14	0
	158	ASWÂN	00	9	32	2	0	0	-	12.2	32.0	26	10	0
OASES	148	SIWA	00	8	00	0	0	0	-	26.8	28.4	51	17	0
	149	BAHARIYA	00	8	32	2	0	0	-	18.8	26.3	44	13	0
		FARAFRA	00	8	02	2	0	0	-	19.4	28.2	54	18	0
	152	DAKHLA	00	9	30	2	0	0	-	18.3	29.0	39	14	0
	151	KHARGA	00	8	32	3	0	0	-	16.2	29.6	30	11	0
RED SEA	144	SUEZ	00	8	32	3	0	0	-	15.1	26.2	35	09	0
	145	TOR	00	8	28	6	0	0	-	14.0	27.1	35	22	0
	163	HURGHADA	00	9	33	5	0	0	-	15	26	55	16	0
	147	QUSEIR	00	8	32	3	0	0	-	14.6	28.0	30	22	0
	208	PORT SUDAN	00	8	06	4	1	6	9	10	31	66	24	0
NORTH SUDAN	165	WADI HALFA												
	166	KAREIMA												
	167	ATBARA	01	8	00	0	1	5						
	209	KHARTÛM	01	8	32	1	0	5	8	4	39	17	10	0
	170	KASSALA												
CENTRAL SUDAN	171	WAD MEDANI	01	8	28	2	1	3	8	4	36	35	18	0
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID	01	8	32	3	0	3	8	2				
	175	EL FASHER	00	8	02	3	1	2	1		36	10	-1	0
	179	GENEINA	00	8	08	2	1	2	8,2		36	10	0	0
S SUDAN	176	MALAKAL	01	8	06	1	1	5	8,4	6	33	53	22	0
	177	WAU	01	8	12	1	1	7	8,4					
	178	JUBA	01	8	02	3	1	5	8,1	5	33	53	22	0

At 1800 on 12 th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0..10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARANI	00	6	02	3	0	-	-	23.0	18.6	61	10	0
	160	MATRÛH	00	7	03	3	0	-	-	23	19	60	10	0
	134	EL DABA	00	6	32	1	0	-	-	20.8	18.2	52	08	0
	132	ALEXANDRIA	01	6	32	4	2	5	8	21.1	19.0	54	10	0
	150	FOUAD (Airport)	00	7	32	3	0	2	6	20.8	19	52	09	0
	159	DAMIETTA	02	7	30	4	1	8	6	19.2	20.0	47	08	0
	161	PORT SAÏD	01	7	32	4	1	6	6	19	21	50	10	0
	135	EL ARISH	02	9	30	3	2	9	8	17.4	21.2	66	19	0
LOWER EGYPT	136	DAMANHUR	00	6	32	3	1	2	8	20.3	17.2	61	09	0
	137	MANSURA	01	6	32	2	1	5	6	20.8	18.4	60	10	0
	138	TANTA	00	8	32	2	0	0	-	21.2	18.0	77	14	0
	139	ZAGAZIG	00	6	32	2	0	0	-	19.2	20.1	76	18	0
		SHIBIN EL KÔM	00	7	02	2	0	0	-	19.2	18.4	70	12	0
		ISMAILIA	03	6	28	1	2	10	4		17.5	49	09	0
CAIRO AREA	928	FAROUK(Airport)	00	7	32	2	0	0	-	20	18	73	13	0
	141	ALMAZA	00	7	02	2	0	0	-	20.5	18.7	54	08	0
		EZBEKIYA	00	7	32	1	0	0	-	21.1	18.4	57	09	0
		GIZA	00	7	32	1	0	0	-	20.7	17.6	58	09	0
	143	HELWAN	00	7	30	4	0	0	-	20.7	18.1	53	08	0
UPPER EGYPT	153	FAIYUM	00	8	32	3	1	0	-	18.7	19.4	45	07	0
		BENI SUEF	00	9	02	1	0	0	-		22.9	57	14	0
	162	MINYA	00	7	32	4	0	0	-	20	20	46	08	0
	155	ASYÛT	00	6	26	2	0	0	-	18.4	23.3	50	12	0
	164	NAG' HAMMÂDI	00	8	28	2	0	0	-	15.4	24.6	47	13	0
	156	QENA	00	6	26	2	0	0	-	15.1	25.2	32	07	0
	157	LUXOR	00	7	31	3	0	0	-	14	27	40	12	0
	158	ASWÂN	00	9	32	3	0	0	-	13.8	30.0	30	10	0
OASES	148	SIWA	00	6	00	0	0	0	-	20.8	25.4	47	13	0
	149	BAHARIYA	00	7	32	2	0	0	-	20.2	21.0	45	08	0
		FARAFRA	00	7	32	3	0	0	-	20.0	22.8	62	14	0
	152	DAKHLA	00	8	28	1	0	0	-	17.6	26.8	41	12	0
	151	KHARGA	00	6	32	3	0	0	-	17.9	23.2	44	10	0
RED SEA	144	SUEZ	00		32	5	0	0	-	18.4	20.5	52	10	0
	145	TOR	00	8	28	4	0	0	-	15.2	25.0	72	20	0
	163	HURGHADA	00	8	29	4	0	0	-	16	25	45	12	0
	147	QUSEIR	00		32	3	0	0	-	14.2	26.3	41	18	0
	208	PORT SUDAN												
NORTH SUDAN	165	WADI HALFA												
	166	KAREIMA												
	167	ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SUDAN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FASHER												
	179	GENEINA												
S SUDAN	176	MALAKAL												
	177	WAU												
	178	JUBA												

At 0600 on WEDNESDAY 13th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0..10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. MAXIMUM Yesterday	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct 1	RAINFALL mms. Norm. From Oct 1
			ww	V	DD	F	W		C	PPP		TT	T_xT_x		T_nT_n		UU				
MEDITERRANEAN	146	SIDI BARANI	01	8	04	3	1	5	8	23.5		21.0	22		15		59	14	0		
	160	MATRÛH	01	8	06	3	1	3	6	23		20	23		18		60	12	0	4	
	134	EL DABA	01	8	32	1	1	5	8			21.7	22				46	9	0	0	
	132	ALEXANDRIA	01	9	32	2	1	5	5	22.4	+6.0	21.5	24	-5	18	-2	48	10	0	2	2
	150	FOUAD (Airport)	01	7	02	1	1	5	8	21.7		21	23		18		50	10	0	2	2
	159	DAMIETTA	01	8	02	2	1	3	6	20.4	+6.2	21.1	23		16		47	9	0	0	2
	161	PORT SAÏD	00	7	01	3	2	2	6	21		21	23		20		50	10	0	0	
	135	EL ARISH	02	9	26	3	2	9	6	20.2	+5.1	20.7	25	-4	16	-2	81	18	0	0	1
LOWER EGYPT	136	DAMANHUR	00	7	32	2	0	0	-	21.9	+5.5	21.0	24	-6	15	-3	68	15	0	4	1
	137	MANSURA	01	8	32	1	1	5	8	21.6	+5.9	19.0	24	-7	15	-3	61	11	0	0	1
	138	TANTA	00	8	28	1	0	0	-	21.5	+5.3	20.0	24	-7	9	-7	55	11	0	0	1
	139	ZAGAZIG	00	6	32	3	0	0	-	21.0	+4.7	21.1	26	-5	11	-5	62	13	0	0	0
		SHIBIN EL KÔM	00	7	30	2	0	0	-			18.6	29		16		73	14	0	0	
		ISMAILIA	01	7	26	1	1	5	4	20.0		20.5	28		14		69	14	0	0	
CAIRO AREA	928	FAROUK(Airport)	00	7	00	0	0	0	-	21		16	26		12		72	11	0	0	
	141	ALMAZA	00	7	00	0	0	0	-	22.0	+6.2	16.3	25		12		64	10	0	0	
		EZBEKIYA	00	7	00	0	0	0	-	22.2	+6.4	16.1	26	-5	13	-5	68	10	0	0	0
		GIZA	00	7	00	0	0	0	-	21.4	+5.5	16.9	26	-4	9	-7	67	11	0	0	0
	143	HELWAN	00	6	32	3	0	0	-	21.6	+5.8	17.7	25	-5	12	-6	49	7	0	0	0
UPPER EGYPT	153	FAIYUM	00	8	32	1	0	0	-	21.9	+6.1	16.4	27	-5	12	-6	60	8	0	0	0
		BENI SUEF	00	9	02	1	0	0	-	21.4		15.6	29		10		78	12	0	0	
	162	MINYA	00	7	01	1	0	0	-	21		17	28		12		60	9	0	0	
	155	ASYÛT	00	7	20	1	0	0	-	20.0	+5.4	16.9	27	-4	14	-4	62	10	0	0	0
	164	NAG' HAMMÂDI	00	8	24	1	0	0	-	17.0	+3.5	20.3	29		14		54	10	0	0	
	156	QENA	00	8	24	2	0	0	-	16.8	+3.5	19.3	35	-6	16	-3	61	11	0	0	
	157	LUXOR	00	8	31	2	0	0	-	16		21	32		15		53	11	0	0	
	158	ASWÂN	00	9	30	2	0	0	-	16.2	+3.7	22.5	33	-4	20	-2	60	14	0	0	
OASES	148	SIWA	00	7	00	0	0	0	-	22.3	+4.9	17.8	30	-3	14	-1	58	9	0	0	0
	149	BAHARIYA	00	8	04	2	0	0	-	21.4	+5.0	18.0	27	-4	13	-3	62	11	0	0	0
		FARAFRA	00	8	32	2	0	0	-			17.0	29		12		77	13	0	0	
	152	DAKHLA	00	8	28	2	0	0	-	19.1	+4.0	18.0	30	-4	15	-3	60	11	0	0	
	151	KHARGA	00	7	32	4	0	0	-	19.0	+4.9	18.8	30	-5	16	-3	60	11	0	0	
RED SEA	144	SUEZ	00	7	00	0	0	0	-	20.7	+5.9	18.3	27	-4	13	-4	59	10	0	0	0
	145	TOR	00	8	04	2	0	0	-			20.0	29	0	16	-3	71	15	0	0	0
	163	HURGHADA	00	9	29	5	0	0	-	17		20	26		16		60	12	0	0	
	147	QUSEIR	00	8	32	5	0	0	-	16.2	+3.4	22.3	28	-3	21	-3	58	13	0	0	0
	208	PORT SUDAN	01	9	32	4	1	5	2	12		29			24		52	18	0	0	5
NORTH SUDAN	165	WADI HALFA																	0	0	
	166	KAREIMA	00	8	04	3	0	0	-	11		28			25		19	02	0	0	0
	167	ATBARA	01	8	28	1	1	3	4	10		28			25		40	13	0	0	0
	209	KHARTÛM	00		02	2	1	1	1	8		31			19	5			0	0	1
	170	KASSALA	01	8	00	0	1	3	4	9		31			23		46	18	0	0	3
CENTRAL SUDAN	171	WAD MEDANI																	0	2	4
	182	RENK																	0	0	16
	172	ROSEIRES																	0	0	11
	174	EL OBEID	00	8	30	3	1	1	4	9		27			21		25	05	0	0	6
	175	EL FASHER	00	8	00	0	0	2	1			24			18		34	18	0	0	3
	179	GENEINA	00	7								24			23				0	0	3
S SUDAN	176	MALAKAL	02	8	00	0	1	8	4	9		26			22		89	23	6	32	41
	177	WAU	02	8	00	0	1	8	4,1	9		26			23		79	22	0	56	55
	178	JUBA	00	9	28	1	1	2	4	9		27			22		70	21	0	39	41

HUMIDITY

Mean % of day

STATION	on 12 th	Diff. from normal
Alexandria	54	-13
Ezbekîya	52	-14
Giza	52	-16
Helwân	57	+4

GIZA

GRASS MINIMUM TEMP ON 13 th 9.2 °C

Remarks

UPPER AIR OBSERVATIONS on 12 th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT

ON 12 th AT 16

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C
SURFACE	1007		
500	991	22	15
1000	973	21	14
1500	955	19	14
2000	938	17	12
4000	871	13	9
6000	808	14	3
8000	749	10	1
10000	694	9	-3
12000	641	2	-3
14000	592	-4	-5
16000	546		
18000			
20000			

FAROUK AIRPORT RAWINSONDE

ON 13 th AT 3

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		13	72	160	2
1000	560	14	65	160	2
950					
900	3500	12	25	-20	16
850	5050	13	-	360	25
800	6720	13	-	330	30
700	10340	4	-	330	31
600	14390	-4		310	32
500	19030	-14		300	45
400					
300					
250					
200					
150					
100					

STATION	MATRUH		FOUAD AP		PORT SAID		MINYA	
TIME	13 30		15		14 30		15	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV
200	350	24	350	20	320	20	360	16
500	350	30	340	12	330	18	10	10
1000	350	25	350	20	330	28	10	12
1500	360	10	330	25	340	35	40	14
2000	330	29	350	34			50	9
3000								
4000								
5000								
6000								
7000								
8000								

STATION								
TIME								
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV
200								
500								
1000								
1500								
2000								
3000								
4000								
5000								
6000								
7000								
8000								

UPPER AIR OBSERVATIONS on 13 th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SAID		FAROUK AIRPORT		ALMAZA		HELWAN		MINYA		ASYUT		LUXOR		ASWAN		SIWA	
TIME	5		4 30		4				3						3				6 15				5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	70	16	20	6	350	10			50	9					360	29			340	7			10	16
500	70	13	30	4	360	14			30	14					20	65			320	6			10	21
1000	40	11	20	10	360	14			20	8					20	49			350	12			20	8
1500			40	10	10	30			360	22					300	18			350	17			10	19
2000			10	16	10	20			330	26					320	18			330	15			10	29
3000									330	28														
4000																								
5000																								
6000									300	39														
7000																								
8000																								

STATION	BAHARIYA		DAKHLA		KHARGA		HURGHADA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME					5 15		8																	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200					10	19	340	33																
500					10	24	330	29																
1000					10	29	310	28																
1500							260	17																
2000							270	17																
3000							240	29																
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

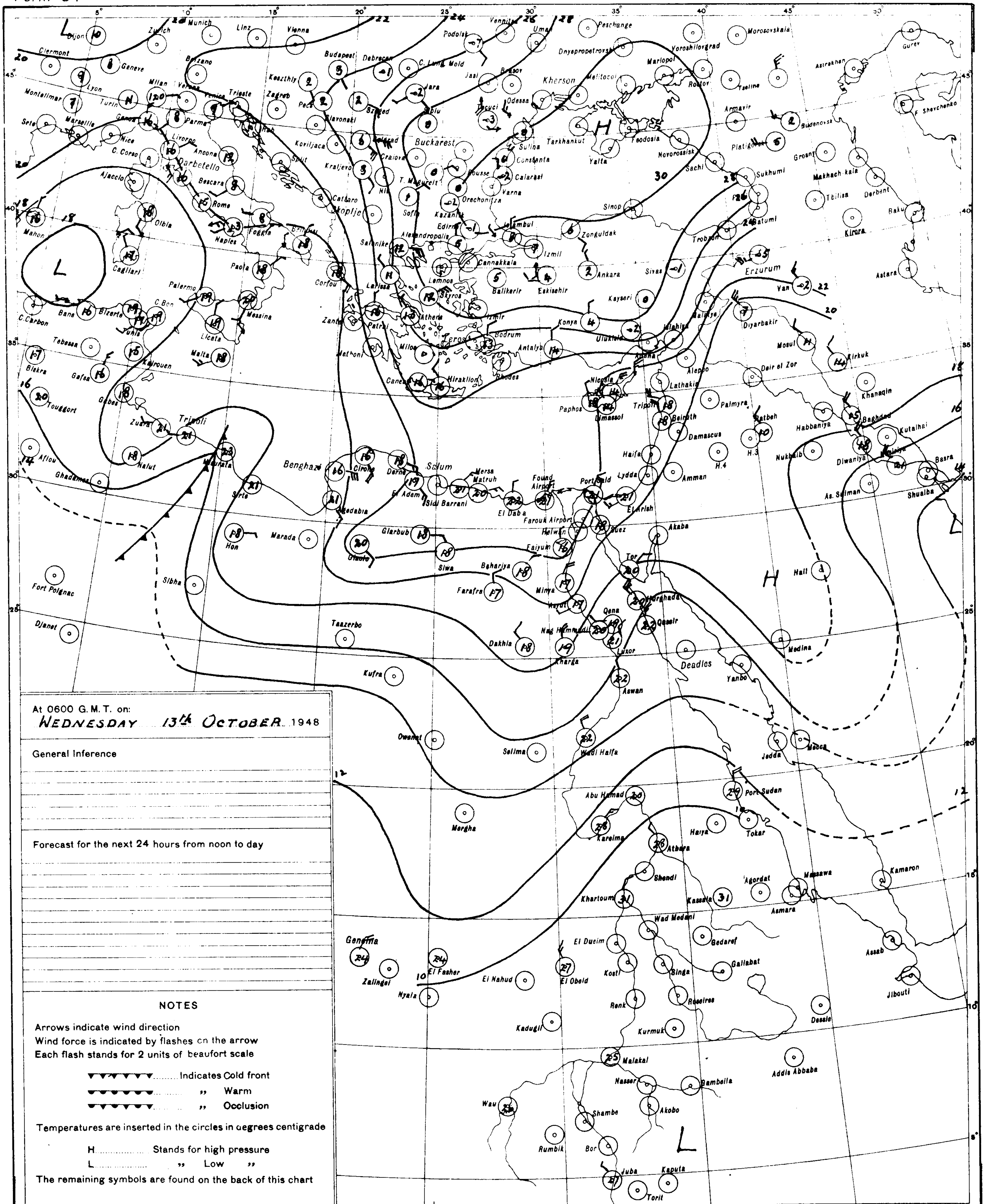
	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: WEDNESDAY 13th OCTOBER 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

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

Temperatures are inserted in the circles in degrees centigrade

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

The remaining symbols are found on the back of this chart

S of E 1948 (48/195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 3 56 G.M.T.
" " Sunset 15 26 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

WEATHER BUREAU

Form 91

DAILY WEATHER REPORT

Date: THURSDAY 14th OCTOBER, 1948.

At 1200 on WEDNESDAY 13th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
MEDITERRANEAN	146	SIDI BARANI	02	8	02	3	2	10	9	23.1	21.1	63	13	0
	160	MATRUH	00	8	02	3	0	2	6	23	21	57	12	0
	134	EL DABA	00	9	28	1	0	0	-		21.2	48	09	0
	132	ALEXANDRIA	02	9	30	3	2	8	5	21.5	20.6	49	10	0
	150	FOUAD (Airport)	01	6	32	2	1	5	6	21.6	23	44	10	0
	159	DAMIETTA	01	8	28	3	1	3	8	20.3	22.0	43	09	0
	161	PORT SAʿID	01	8	32	4	0	5	8	20	22	53?	12	0
	135	EL ʿARISH	00	9	02	3	0	2	8	19.1	23.4	90	21	0
LOWER EGYPT	136	DAMANHUR	00	7	02	3	0	2	8	21.6	22.2	42	08	0
	137	MANSURA	01	8	04	2	1	5	8	20.6	25.0	39	10	0
	138	TANTA	01	8	28	3	1	5	8	20.3	25.0	43	11	0
	139	ZAGAZIG	00	6	32	2	0	0	-	20.2	27.0	41	13	0
		SHIBIN EL KOM	00	8	02	3	0	1	8	19.5	28.9	38	13	0
		ISMAILIA	01	8	32	2	1	3	4	19.4	24.5	39	09	0
CAIRO AREA	928	FAROUK (Airport)	00	8	30	4	0	6	8	19	24	67	18	0
	141	ALMAZA	00	8	02	3	0	0	-	19.8	24.1	34	08	0
		EZBEKIYA	00	8	32	1	0	0	-	19.8	25.2	35	09	0
		GIZA	00	8	32	1	0	0	-	19.5	24.7	37	09	0
	143	HELWAN	00	8	30	4	0	0	-	19.4	23.6	32	06	0
UPPER EGYPT	153	FAIYUM	00	8	32	2	0	0	-	19.1	24.7	30	05	0
		BENI SUEF	00	9	02	1	0	0	-	19.2	27.4	42	13	0
	162	MINYA	00	8	01	5	0	0	-	19	25	39	10	0
	155	ASYUT	00	8	26	2	0	0	-	17.4	25.1	28	05	0
	164	NAGʿ HAMMADI												
	156	QENA	00	9	24	2	0	0	-	13.2	28.0	38	12	0
	157	LUXOR	00	7	30	3	0	0	-	13	28	31	09	0
	158	ASWAN	00	9	32	3	0	0	-	13.2	29.7	35	13	0
OASES	146	SIWA	00	8	00	0	0	0	-	23.8	27.8	46	15	0
	149	BAHARIYA	00	8	32	1	0	0	-	20.0	24.0	35	08	0
		FARAFRA	00	8	32	3	0	0	-	20.4	25.7	59	16	0
	152	DAKHLA	00	8	32	4	0	0	-	16.6	26.3	41	11	0
	151	KHARGA												
RED SEA	144	SUEZ	00	8	32	3	0	0	-	18.2	24.3	34	07	0
	145	TOR	00	8	28	5	0	0	-	15.6	25.0	80	21	0
	163	HURGHADA	00	7	31	3	0	0	-		23	57	14	0
	147	QUSEIR	00	8	32	4	0	0	-	13.8	26.0	50	16	0
	208	PORT SUDAN												
NORTH SUDAN	165	WADI HALFA												
	166	KAREIMA												
	167	ʿATBARA												
	209	KHARTUM												
	170	KASSALA												
CENTRAL SUDAN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FASHER												
	179	GENEINA												
S. SUDAN	176	MALAKAL												
	177	WAU												
	178	JUBA												

At 1800 on 13th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARANI	00	8	06	3	1	1	6	22.7	19.0	70	13	0
MATRUH	01	7	06	2	0	5	6	23	18	78	14	0
EL DABA	01	8	04	1	1	5	8		18.3	64	11	0
ALEXANDRIA	01	6	04	2	2	3	4	22.4	19.6	50	08	0
FOUAD (Airport)	00	7	04	1	0	6	4	22.1	18	60	10	0
DAMIETTA	00	7	28	2	1	1	8	22.4	18.5	67	12	0
PORT SAʿID	00	7	02	4	1	2	6	21	21	57?	12?	0
EL ʿARISH	02	9	02	3	2	9	8	19.5	20.9	91	19	0
DAMANHUR	00	6	02	2	0	0	-	21.6	17.0	61	09	0
MANSURA	00	6	32	2	1	0	-	21.6	18.4	63	11	0
TANTA	01	8	24	1	1	3	8	21.8	20.0	57	11	0
ZAGAZIG	00	6	32	2	0	0	-	20.3	22.1	68	16	0
SHIBIN EL KOM	00	7	02	2	0	0	-		19.9	70	14	0
ISMAILIA	00	7	32	1	0	0	-	20.3	19.4	56	10	0
FAROUK (Airport)	00	7	04	4	0	0	-	20	19	73	14	0
ALMAZA	00	7	02	4	0	0	-	20.7	19.1	55	09	0
EZBEKIYA	00	7	04	2	0	0	-	21.0	18.5	58	09	0
GIZA	00	7	04	2	0	0	-	21.1	19.0	53	09	0
HELWAN	00	7	32	4	0	0	-	20.6	19.5	48	09	0
FAIYUM	00	8	32	2	0	0	-	20.0	19.1	55	10	0
BENI SUEF	00	9	02	1	0	0			22.9	57	14	0
MINYA	00	7	32	3	0	0	-	19	18	49	07	0
ASYUT	00	6	29	2	0	0	-	18.7	22.0	36	06	0
NAGʿ HAMMADI	00	8	24	2	0	0	-	15.5	23.6	37	08	0
QENA	00	6	24	2	0	0	-	14.3	21.2	62	13	0
LUXOR	00	7	00	0	0	0	-	14	22	44	09	0
ASWAN	00	9	32	3	0	0	-	14.3	27.0	40	12	0
SIWA	00	7	00	0	0	0	-	22.3	23.4	40	09	0
BAHARIYA	00	7	32	1	0	0	-	20.6	20.5	45	08	0
FARAFRA	00	7	32	3	0	0	-	20.3	21.0	66	14	0
DAKHLA	00	8	28	2	0	0	-	16.6	24.0	47	12	0
KHARGA	00	6	02	2	0	0	-		23.5	30	05	0
SUEZ	00		32	3	0	0	-	18.6	21.2	46	09	0
TOR	00	8	28	5	0	0	-		25.5	69	20	0
HURGHADA	00	8	29	4	0	0	-	15	23	55	13	0
QUSEIR	00	8	32	4	0	0	-	14.0	25.0	52	14	0
PORT SUDAN												
WADI HALFA												
KAREIMA												
ʿATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on THURSDAY 14th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Max. Yesterday T_xT_x	Max. Diff. from norm.	Min. Today T_nT_n	Min. Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Rainfall Total From Oct. 1	Rainfall Norm. From Oct. 1	Area
SIDI BARANI	00	9	14	2	0	0	-	22.3		19.0	22		13		69	13	0			MEDITERRANEAN
MATRUH	00	8	14	2	0	1	4	22		19	23		11		64	12	0	4		
EL DABA	00	8	12	1	0	0	-	21.8		22.4	23				47	10	0	0		
ALEXANDRIA	01	9	04	2	2	5	5	22.8	+6.4	22.2	24	-4	17	-3	50	11	0	2	2	
FOUAD (Airport)	00	7	10	1	0	2	8	22.3		21	24		12		57	12	0	2	2	
DAMIETTA	00	8	04	2	1	1	9	21.9	+6.4	21.5	23		16		53	11	0	0	2	
PORT SAʿID	01	7	06	4	0	5	6	22		21	23		20		53	11	0	0		
EL ʿARISH	00	9	14	3	0	6	8	22.0	+6.9	18.9	25	-4	13	-5	72	13	0	0	1	
DAMANHUR	01	6	02	3	1	5	8	21.1	+4.9	19.3	23	-7	14	-3	68	13	0	4	1	LOWER EGYPT
MANSURA	00	8	04	2	0	0	-	22.6	+6.8	21.5	26	-5	16	-2	52	11	0	0	1	
TANTA	00	8	12	2	0	0	-	22.3	+6.0	20.0	25	-6	10	-6	58	11	0	0	1	
ZAGAZIG	01	6	32	4	0	5	4			22.4	27	-4	12	-4	63	15	0	0	0	
SHIBIN EL KOM	00	7	02	2	0	0				18.7	29		16		71	14	0	0		
ISMAILIA	01	8	08	1	1	5	4	21.9		18.8	25		14		55	10	0	0		
FAROUK (Airport)	00	7	06	3	0	0	-	21		19	25		14		73	14	0	0		CAIRO AREA
ALMAZA	00	8	06	5	0	0	-	21.4	+5.6	17.6	24		13		58	08	0	0		
EZBEKIYA	00	7	00	0	0	0	-	21.8	+6.0	17.0	26	-5	13	-5	67	11	0	0	0	
GIZA	00	7	00	0	0	0	-	21.6	+5.7	17.9	25	-5	10	-6	63	11	0	0	1	
HELWAN	00	8	04	5	0	0	-	21.1	+5.2	19.3	24	-6	14	-4	47	07	0	0	0	
FAIYUM	00	8	32	1	0	0	-	20.6	+4.6	18.1	25	-7	13	-4	61	10	0	0	0	UPPER EGYPT
BENI SUEF	00	9	02	1	0	0	-	20.8		19.7	27		11		61	11	0	0		
MINYA	00	7	02	4	0	0	-	20		17	25		12		60	09	0	0		
ASYUT	00	7	28	1	0	0	-	19.2	+4.5	17.7	26	-5	15	-3	64	11	0	0	0	
NAGʿ HAMMADI	00	8	26	1	0	0	-	16.8	+3.2	20.7	26		15		51	10	0	0		
QENA	00	8	24	2	0	0	-	16.7	+3.3	19.4	29	-6	14	-5	58	10	0	0		
LUXOR	00	8	00	0	0	0	-	17		20	30		11		53	10	0	0		
ASWAN	00	9	32	3	0	0	-	15.5	+2.9	21.7	30	-7	18	-4	51	11	0	0		
SIWA	00	7	00	0	0	0	-	22.0	+4.6	18.8	29	-3	15	0	60	10	0	0	0	OASES
BAHARIYA	00	8	32	2	0	0	-	21.5	+5.0	18.0	25	-6	11	-5	62	11	0	0	0	
FARAFRA	00	8	02	2	0	0	-	21.2		16.7	28		11		72	11	0	0		
DAKHLA	00	8	00	0	0	0	-	17.6	+2.5	20.0	28	-6	16	2	56	11	0	0		
KHARGA	00	7	02	3	0	0	-	17.8	+3.6	19.3	28	-7	16	-3	61	11	0	0		
SUEZ	00	7	00	0	0	0	-	21.1	+6.2	18.6	26	-5	14	-5	50	08	0	0	0	RED SEA
TOR	00	8	28	2	0	0	-	17.1		20.0					49	09	0	0	0	
HURGHADA	00	9	26	3	0	0	-	17		21	24		16		50	10	0	0		
QUSEIR	00	8	32	5	0	0	-	17.4	+4.4	23.6	26	-5	21	-3	56	14	0	0	0	
PORT SUDAN	00	7	30	4	0	0	-	11		28			23		66	21	0	0	5	
WADI HALFA																	0	0		NORTH SUDAN
KAREIMA	00	8	04	3	0	0	-	11		26					16	-2	0	0	0	
ʿATBARA	18	6	32	5	0	0	-	9		28					25	06	0	0	0	
KHARTUM	00	8	02	3	0	1	1	8		28			25		23	05	0	0	1	
KASSALA	00	8	00	0	0	6	4	6		31			21		43	17	0	0	3	
WAD MEDANI	00	9	04	5	0	0	-	8		28					35	11	0	2	5	CENTRAL SUDAN
RENK	00	9	20	2	0	0	-			26					79	22	0	0	18	
ROSEIRES	01	8	18	2	1	3	4	10		24					84	21	0	0	12	
EL OBEID	01	8	32	4	1	5	4,1	9		28			21		19	02	0	0	7	
EL FASHER	00	7	30	3	0	0	-			24			17		16	-4	0	0	3	
GENEINA																	0		4	
MALAKAL	02	8	00	0	1	10	6,4	8		26			22		84	23	0	32	44	S. SUDAN
WAU	02	8	18	1	1	10	4,5	9		23			22		89	21	0	56	60	
JUBA	22	8	14	1	9	10	6,5	12		21			21		94	20	15	54	44	

HUMIDITY

Mean of day

STATION	on 13th	Diff. from normal
Alexandria	47	-21
Ezbekiya	57	-9
Giza	54	-14
Helwan	42	-11

GIZA

GRASS MINIMUM TEMP ON 14th 5.1 °C

Remarks

UPPER AIR OBSERVATIONS on 13th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT

ON .... AT ....

Height feet	Pressure mbs.	Dry °C	Wet °C
SURFACE			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT — RAWINSONDE

ON 14th AT 4

Pressure mbs.	Height feet	Temp °C	Humidity %	Wind DD	Wind VV
SURFACE 1009		14	71	60	7
1000	530	16	65	60	7
950					
900	3500	10	75	60	31
850	5060	8	45	40	24
800	6670	10	25	20	30
700	10290	4	35	360	28
600	14340	-2	35	350	20
500	19000	-11	35	360	18
400					
300	31160	-39	-	340	16
250					
200					
150					
100					

Pilot balloon winds, 13th

Height m.	MINYA DD	MINYA VV	DD	VV	MATRUH DD	MATRUH VV	DD	VV	FOUAD A.P. DD	FOUAD A.P. VV	DD	VV	PORT SAID DD	PORT SAID VV
TIME	15				14 30				15 15				14 30	
200	360	52			10	7			10	11			360	9
500	350	52			360	10			360	11			10	12
1000	360	83			360	16			10	9			10	6
1500	360	59			20	8			ENT. Sc.				40	9
2000	20	45			340	29							340	18
3000					330	38								
4000														
5000														
6000														
7000														
8000														

Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
STATION														
TIME														
200														
500														
1000														
1500														
2000														
3000														
4000														
5000														
6000														
7000														
8000														

UPPER AIR OBSERVATIONS on 14th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Height m.	SIDI BARANI DD	VV	MATRUH DD	VV	FOUAD AIRPORT DD	VV	PORT SAID DD	VV	FAROUK AIRPORT DD	VV	ALMAZA DD	VV	HELWAN DD	VV	MINYA DD	VV	ASYUT DD	VV	LUXOR DD	VV	ASWAN DD	VV	SIWA DD	VV
TIME	5		4		3	15			4						3				7				5	
200	130	16	100	13	70	10			30	19					10	30			20	11			110	21
500	110	14	110	16	70	12			60	27					20	56			20	12			110	18
1000	70	6	70	9	90	14			60	28					40	52			60	9			70	12
1500	330	12	360	13	70	19			60	22					20	54			10	9			40	15
2000	350	15	340	15					20	28									40	15			360	15
3000	350	26	340	28					360	25									20	6			360	28
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	BAHARIYA DD	VV	DAKHLA DD	VV	KHARGA DD	VV	HURGHADA DD	VV	WADI HALFA DD	VV	ABU HAMAD DD	VV	KAREIMA DD	VV	KHARTUM DD	VV	KASSALA DD	VV	EL OBEID DD	VV	EL FASHER DD	VV	MALAKAL DD	VV
TIME			5		5	45	8						3	30										
200			20	6	20	16	330	24					360	5										
500			20	13	20	28	300	24					360	11										
1000			20	23	20	33	300	11					20	14										
1500			10	30	30	15	50	12					40	19										
2000			360	39			120	2					30	23										
3000							350	7																
4000							280	17																
5000																								
6000																								
7000																								
8000																								

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

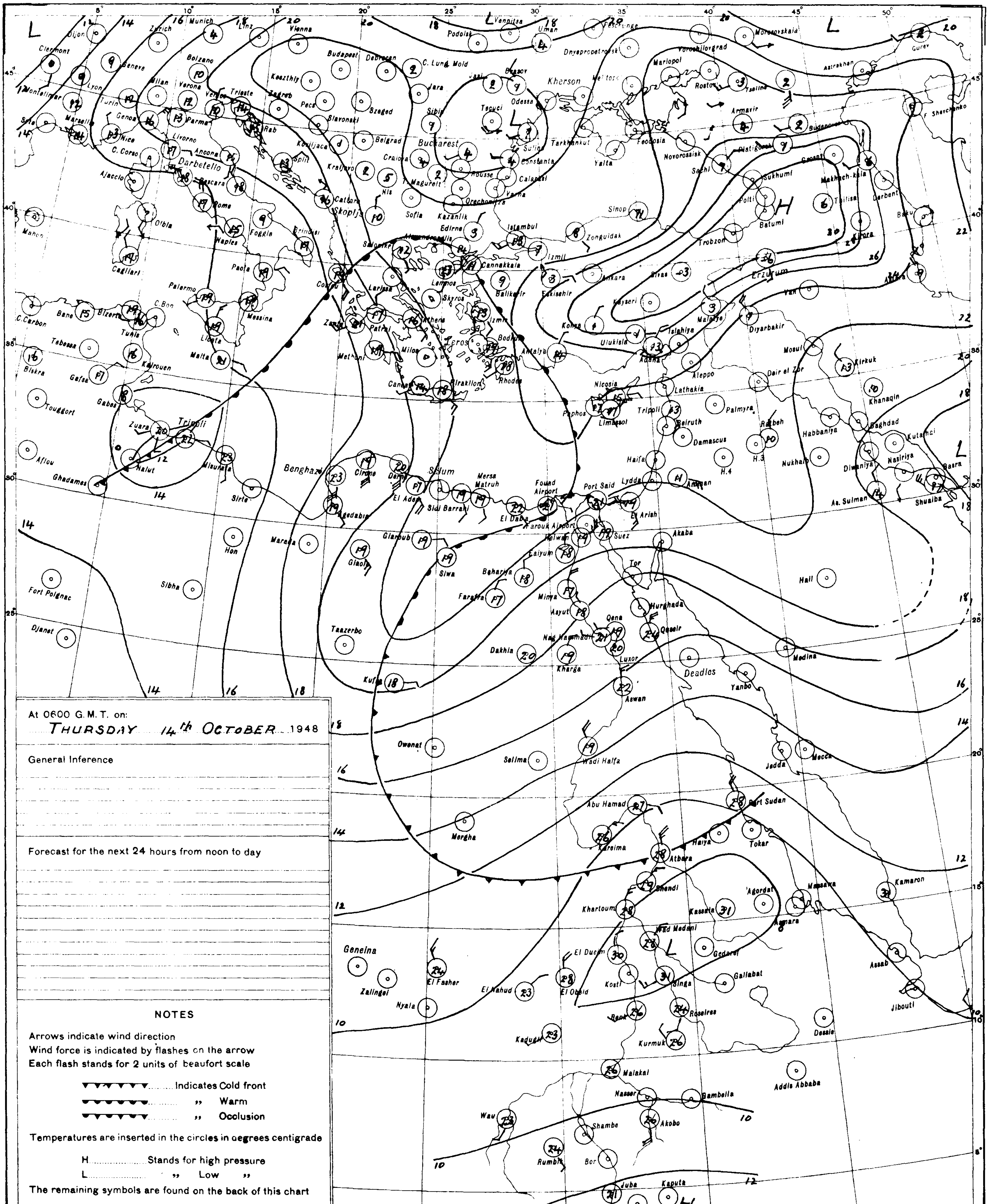
is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



S of E 1948(48/195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 57 G.M.T.
" " Sunset 15 25 G.M.T.

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

DAILY WEATHER REPORT

Date: FRIDAY 15th OCTOBER , 1948.

Form 91

At 1200 on THURSDAY 14 th

AREA INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0..10	CLOUD Form	BAR PRESS M.S.L. mbs	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6..12 GMT mms
		ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146 SIDI BARANI	00	9	02	03	0	0	-	20.6	24.7	50	14	0
	160 MATRUH	0.	8	08	03	0	0	-	21	25	54	15	0
	134 EL DABA	00	9	04	01	0	0	-		23.2	50	12	0
	132 ALEXANDRIA	01	9	04	03	2	3	8	20.6	22.6	43	10	0
	150 FOUAD (Airport)	0.	7	06	03	1	1	8	20.6	24	38	09	0
	159 DAMIETTA	0.	8	08	03	1	1	8	20.1	21.5	46	10	0
	161 PORT SAID	00	8	04	04	0	2	8	20	23	47	11	0
	135 EL ARISH												
LOWER EGYPT	136 DAMANHUR	00	7	06	04	0	0	-	20.8	25.2	39	10	0
	137 MANSURA	00	8	02	02	0	0	-	20.8	24.0	39	10	0
	138 TANTA	01	8	04	03	1	5	8	19.1	24.8	42	11	0
	139 ZAGAZIG	00	6	32	03	0	0	-		23.0	43	13	0
	SHIBIN EL KOM	00	8	02	04	0	0	-		26.6	33	09	0
	ISMAILIA	00	8	04	03	0	0	-	19.2	24.0	39	09	0
CAIRO AREA	928 FAROUK(Airport)	00	8	04	05	0	0	-		25			
	141 ALMAZA	00	8	04	03	0	0	-	18.3	24.0	27	03	0
	EZBEKIYA	00	8	04	03	0	0	-	18.7	25.3	34	08	0
	GIZA	00	8	04	03	0	0	-	18.7	25.0	34	08	0
	143 HELWAN	00	8	32	05	0	0	-	18.3	24.4	28	04	0
UPPER EGYPT	153 FAIYUM	0.	8	02	04	0	0	-	17.6	25.2	29	05	0
	BENI SUEF	0.	9	02	02	0	0	-	16.8	29.2	34	12	0
	162 MINYA	00	8	01	04	0	0	-	16	27	27	06	0
	155 ASYUT	0.	8	28	01	0	0	-	14.8	26.8	27	06	0
	164 NAG HAMMADI	0.	8	24	01	0	0	-	13.5	28.0	39	13	0
	156 QENA	0.	9	24	02	0	0	-	13.6	28.4	37	12	0
	157 LUXOR	0.	8	32	02	0	0	-	13	29	29	07	0
	158 ASWAN	00	9	32	03	0	0	-	11.6	30.0	30	11	0
OASES	148 SIWA	00	8	00	0	0	0	-	21.2	27.4	60	19	0
	149 BAHARIYA	00	8	08	01	0	0	-	18.2	26.2	32	08	0
	FARAFRA	00	8	02	03	0	0	-	18.2	27.2	30	06	0
	152 DAKHLA	00	9	00	01	0	0	-	15.9	28.7	28	02	0
	151 KHARGA	00	8	32	03	0	0	-	15.6	29.0	20	04	0
RED SEA	144 SUEZ												
	145 TOR	00	8	28	05	0	0	-	14.7	25.1	50	14	0
	163 HURGHADA	00	9	32	03	0	0	-	15	24	65	17	0
	147 QUSEIR	00	8	32	04	0	0	-	14.7	25.7	50	15	0
	208 PORT SUDAN												
NORTH SUDAN	165 WADI HALFA												
	166 KAREIMA												
	167 ATBARA												
	209 KHARTUM												
	170 KASSALA												
CENTRAL SUDAN	171 WAD MEDANI												
	182 RENK												
	172 ROSEIRES												
	174 EL OBEID												
	175 EL FASHER												
	179 GENEINA												
S SUDAN	176 MALAKAL												
	177 WAU												
	178 JUBA												

At 1800 on 14 th

STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0..10	CLOUD Form	BAR. PRESS M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12..18 GMT mms
	ww	V	DD	F	W		C	PPP	TT	UU		
SIDI BARANI	01	8	10	02	1	3	4	20.6	20.5	95	15	0
MATRUH	00	7	12	02	0	0	-	21	17	73	14	0
EL DABA	01	8							21.0	60	13	0
ALEXANDRIA	00	6	08	02	-	-	-	21.9	19.6	52	09	0
FOUAD (Airport)	00	7	04	02	-	-	-	21.4	17	68	11	0
DAMIETTA	00	7	04	04	1	2	8	21.0	20.0	55	11	0
PORT SAID	00	7	05	04	0	2	6	20	19	60	11	0
EL ARISH	00	9		05	0	0	-	18.8	21.6	91	20	0
DAMANHUR	00	7	04	03	0	0	-	21.4	19.8	72	14	0
MANSURA	00	6	12	02	0	0	-	21.4	18.0	66	11	0
TANTA	01	8	32	01	1	3	8	21.5	19.8	68	14	0
ZAGAZIG	00	6	32	02	0	0	-		21.0	82	18	0
SHIBIN EL KOM	00	7	02	02	0	0	-		20.9	69	14	0
ISMAILIA	00	7	02	01	0	0	-	20.2	18.0	47	07	0
FAROUK(Airport)	00	7	02	05	0	0	-	20	19	83	16	0
ALMAZA	00	7	04	03	0	0	-	20.3	16.8	55	09	0
EZBEKIYA	00	7	04	02	0	0	-	20.7	17.7	63	10	0
GIZA	00	7	04	02	0	0	-	20.2	19.8	50	09	0
HELWAN	00	7	32	05	0	0	-	19.8	18.8	53	08	0
FAIYUM	00	8	02	02	0	0	-	18.2	19.8	49	08	0
BENI SUEF	00	9	28	01	0	0	-	17.9	23.8	46	12	0
MINYA	00	7	01	02	0	0	-	17	20	46	08	0
ASYUT	00	6	26	01	0	0	-	15.9	22.6	33	05	0
NAG HAMMADI	00	8	00	00	0	0	-	14.6	20.9	36	11	0
QENA	00	6	24	02	0	0	-	14.3	23.4	40	09	0
LUXOR	00	7	28	01	0	0	-	13	22.4	41	08	0
ASWAN	00	9	32	03	0	0	-	13.1	27.0	37	11	0
SIWA	00	6	00	00	0	0	-	21.0	22.5	48	11	0
BAHARIYA	00	8	02	02	0	0	-		21.3	44	08	0
FARAFRA	00	7	32	03	0	0	-	18.8	20.6	54	11	0
DAKHLA	00	8	28	02	0	0	-	16.8	24.8	43	11	0
KHARGA	00	6	32	01	0	0	-	16.0	23.2	33	06	0
SUEZ	00		32	04	0	0	-	19.9	18.2	41	05	0
TOR	00	8	28	02	0	0	-	14.2	24.0	59	15	0
HURGHADA	00	9	30	04	0	0	-	15	23	57	14	0
QUSEIR	00	8	30	03	0	0	-	14.2	23.0	54	13	0
PORT SUDAN												
WADI HALFA												
KAREIMA												
ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on FRIDAY 15th

STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0..10	CLOUD Form	BAR. PRESSURE M.S.L. mbs	BAR. PRESSURE Diff from normal mbs	TEMPERATURE °C. -Dry Bulb	TEMPERATURE °C. MAXIMUM Yesterday	TEMPERATURE °C. MAXIMUM Diff from norm.	TEMPERATURE °C. MINIMUM Today	TEMPERATURE °C. MINIMUM Diff from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct 1	RAINFALL mms. Norm From Oct 1
	ww	V	DD	F	W		C	PPP		TT	T_xT_x		T_nT_n		UU				
SIDI BARANI	00	9	14	03	0	0	-	20.6		20.0	28		16		65	13	0		
MATRUH	00	8	18	03	0	0	-	21		20	26		15		69	14	0	4	
EL DABA	00	8	16	01	0	0	-			22.0	25				52	12	0	0	
ALEXANDRIA	00	9	08	01	0	0	-	21.5	+5.0	21.6	26	-2	17	-3	61	14	0	2	2
FOUAD (Airport)	00	8	10	01	0	8	8	21.4		21	24		13		69	15	0	2	3
DAMIETTA	00	8	32	03	1	0	-	19.9	+4.4	21.2	22		16		58	12	0	0	2
PORT SAID	00	7	04	04	0	0	-	20		22	23		20		53	12	0	0	
EL ARISH	00	9	15	02	0	0	-	19.5	+4.3	20.2	24	-5	10	-8	83	17	0	0	2
DAMANHUR	00	7	08	02	0	0	-	21.0	+4.7	19.7	26	-4	13	-4	69	13	0	4	2
MANSURA	00	8	04	01	0	0	-	20.7	+4.9	21.4	26	-5	15	-3	58	12	0	0	1
TANTA	00	8	04	01	0	0	-	20.8	+4.5	21.0	26	-5	9	-7	57	12	0	0	1
ZAGAZIG	00	6	32	02	0	0	-	20.2	+4.8	22.2	27	-4	12	-3	79	17	0	0	0
SHIBIN EL KOM	00	7	04	02	0	0	-	19.9	+3.7	17.3	29		13		69	11	0	0	
ISMAILIA	00	7	32	01	0	0	-	19.6		18.7	24		13		57	10	0	0	
FAROUK(Airport)	00	7	32	02	0	0	-	20		14			12		88	12	0	0	
ALMAZA	00	7	04	02	0	0	-	20.2	+4.3	15.2	25		12		63	08	0	0	
EZBEKIYA	00	7	30	01	0	0	-	20.6	+4.7	15.5	26	-5	12	-5	69	09	0	0	0
GIZA	00	7	30	01	0	0	-	20.4	+4.4	16.3	25	-5	10	-6	70	10	0	0	1
HELWAN	05	6	00	0	0	0	-	20.6	+4.6	16.1	25	-5	14	-4	69	10	0	0	
FAIYUM	00	8	00	0	0	0	-	19.0	+3.2	17.6	26	-6	13	-4	61	10	0	0	0
BENI SUEF	00	9	02	01	0	0	-	19.2		19.6	29		10		57	11	0	0	
MINYA	00	7	01	04	0	0	-	18		16	28		12		59	06	0	0	
ASYUT	00	7	22	01	0	0	-	17.8	+3.0	17.1	28	-2	14	-4	51	07	0	0	0
NAG HAMMADI	00	8	00	0	0	0	-	16.4	+2.7	20.4	29		13		63	13	0	0	
QENA	00	8	24	02	0	0	-	16.2	+2.7	22.0	32	-3	15	-4	55	12	0	0	
LUXOR	00	8	04	01	0	0	-	16		20	30		15		50	10	0	0	
ASWAN	00	9	32	02	0	0	-	15.4	+2.7	22.8	32	-5	17	-5	50	11	0	0	
SIWA	00	7	00	0	0	0	-	22.6	+5.1	19.0	29	-3	16	+1	52	09	0	0	0
BAHARIYA	00	8	04	01	0	0	-	20.3	+3.7	16.0	27	-4	11	-5	69	10	0	0	0
FARAFRA	00	8	02	03	0	0	-	19.6		16.2	28		10		69	10	0	0	
DAKHLA	00	8	32	02	0	0	-	18.7	+3.5	17.8	29	-5	11	-7	63	10	0	0	
KHARGA	00	7	32	01	0	0	-	17.6	+3.3	18.1	30	-5	15	-4	52	15	0	0	
SUEZ	00	7	32	01	0	0	-	19.5	+4.5	20.0	25	-6	15	-4	55	11	0	0	0
TOR	00	8	04	02	0	0	-	16.0	+2.7		26	-3	13	-6	38	6	0	0	0
HURGHADA	00	9	30	04	0	0	-	17		21	24		16		57	13	0	0	
QUSEIR	00	8	30	03	0	0	-	15.2	+2.1	23.7	26	-5	20	+3	37	8	0	0	0
PORT SUDAN	18	6	30	04	1	5	4	12		28			23		70	22	0	0	5
WADI HALFA																	0	0	
KAREIMA	00	8	04	01	1	0	-	11		27			21		17	0	0	0	0
ATBARA	01	7	02	04	1	5	7	10		29			24		43	15	0	0	0
KHARTUM	01	8	32	04	0	7	2	9					24				0	0	1
KASSALA	00	7	16	01	0	3	2	8		33					36	16	0	0	3
WAD MEDANI																	0	2	5
RENK																	6	0	19
ROSEIRES																	6	0	13
EL OBEID																	0	0	7
EL FASHER	00	8	16	05	1	6		12		21			15		26	01	0	0	4
GENEINA	00	7	07	05	0	0	-			23			15		22	00	0	0	4
MALAKAL																	8	40	47
WAU																	6	62	65
JUBA																	4	58	47

HUMIDITY

Mean of day

STATION	on 14 th	Diff from normal
Alexandria	49	-19
Ezbekiya	59	-7
Giza		
Helwân	44	-9

GIZA

GRASS MINIMUM TEMP ON 15 th 5.8 °C

Remarks

UPPER AIR OBSERVATIONS on 14 th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT

ON 14 th AT 3

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C
SURFACE			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT RAWINSONDE

ON 15 th AT 3

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE					
1000	530	14	65	00	7
950					
900	3460	14	15	40	26
850	5040	15	-	30	31
800	6710	12	-	20	35
700	10 346	7	-	20	27
600	14430	-1	-	320	16
500	19110	-11	-	320	26
400					
300	31290	-39	-	340	9
250					
200					
150					
100					

STATION													
TIME	17 HRS 40				Fouad A.P.		Almaza						
	15				15		14						
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	360	29			50	17	60	33						
500	10	56			40	18	60	33						
1000	20	42			40	14	60	30						
1500	20	38			30	14	40	21						
2000					20	18	20	20						
3000					10	16	20	27						
4000					20	23	20	23						
5000														
6000														
7000														
8000														

STATION													
TIME													
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200														
500														
1000														
1500														
2000														
3000														
4000														
5000														
6000														
7000														
8000														

UPPER AIR OBSERVATIONS on 15 th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SAID		FAROUK AIRPORT		ALMAZA		HELWAN		MINYA		ASYUT		LUXOR		ASWAN		SIWA	
TIME	5		4		3				3										6 45				5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200																								
500	170	10	140	16	40	14			80	13									330	4			120	21
1000	160	2	120	13	50	15			60	24									60	7			100	18
1500	200	4	340	3	40	14			50	23									70	6			70	19
2000	350	14	360	20	50	17			30	27									20	7			40	21
3000			360	26					20	30									320	7			50	30
4000			360	28					20	28									280	8			30	29
5000																								
6000									330	12														
7000									310	23														
8000																								

STATION	BAHARIYA		DAKHLA		KHARGA		HURGHADA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME			5		5		8																	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200																								
500			40	9	10	13	330	23																
1000			30	12	40	17	320	7											360	2			170	9
1500			30	26	50	16	40	4											20	8			190	10
2000			30	23	350	10	320	5											40	18			160	4
3000			30	42			100	5											30	18			70	6
4000							80	24															40	17
5000																								
6000																								
7000																								
8000																								

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20 29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

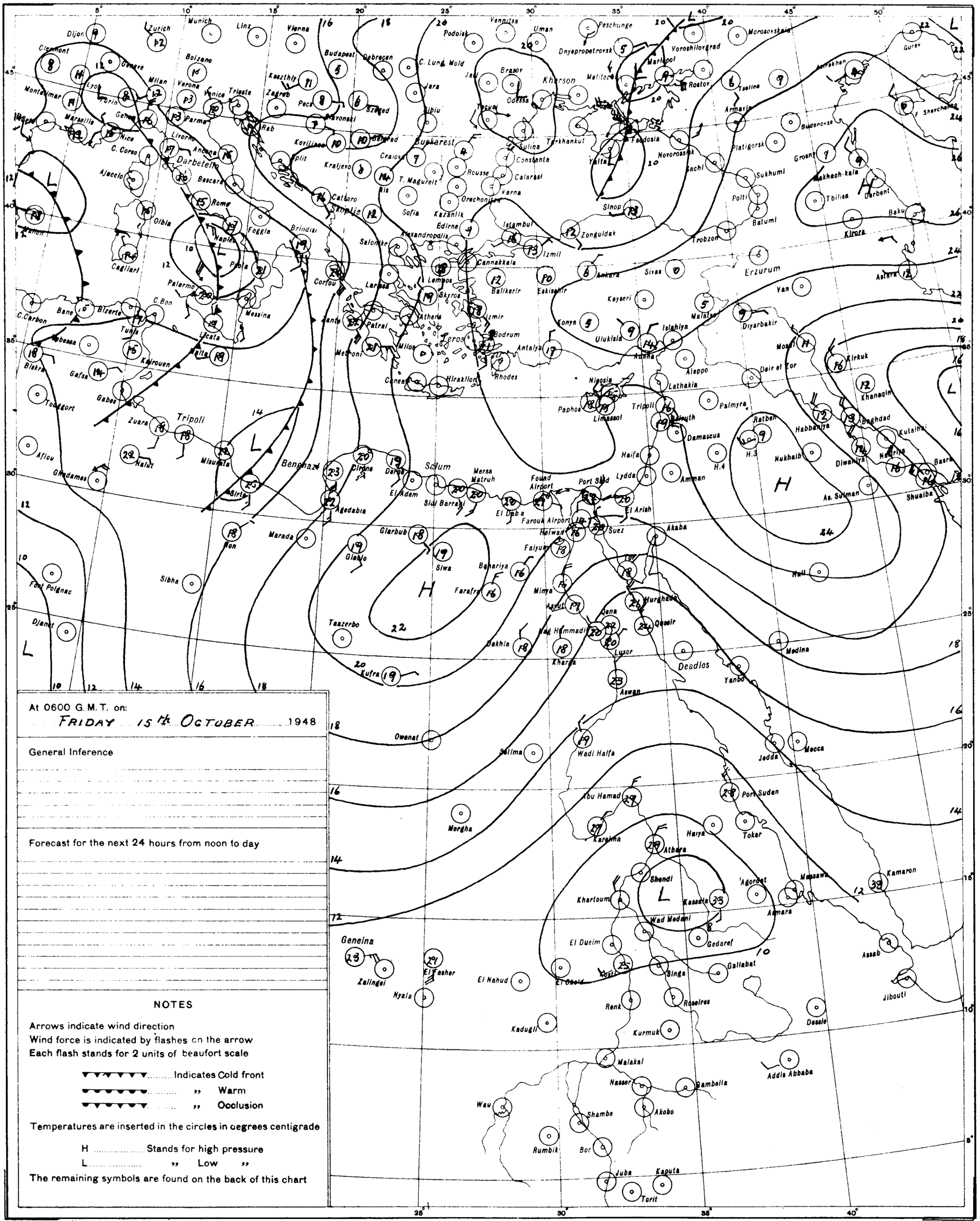
is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:

FRIDAY 15th OCTOBER 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

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

Temperatures are inserted in the circles in degrees centigrade

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

The remaining symbols are found on the back of this chart

$ of E 1948(44/195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 57 G.M.T
" " Sunset 15 24 G.M.T

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

DAILY WEATHER REPORT

Date: SATURDAY 16 th OCTOBER , 1948.

Form 91

AREA	INDEX NUMBER	STATION	At 1200 on FRIDAY 15 th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR PRESS M.S.L. mbs PPP	TEMP. °C TT	HUMIDITY % UU	DEW POINT °C	RAIN 6-12 G.M.T mms	At 1800 on 15 th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS M.S.L. mbs PPP	TEMP. °C TT	HUMIDITY % UU	DEW POINT °C	RAIN 12-18 G.M.T mms
MEDITERRANEAN	146	SIDI BARÂNI	oo	9	02	2	•	•	-	20.3	24.8	56	16	0	08	8	10	2	0	6	8	20.6	21.4	76	16	0
	160	MATRÛH	oo	8	08	2	•	•	-	21	26	48	14	0	00	7	11	2	0	0	-	22	20	69	16	0
	134	EL DABA	oo	9	04	1	•	•	-		23.7	55	14	0												
	132	ALEXANDRIA	oo	9	04	3	•	0	-	20.2	23.0	55	14	0	00	6	04	3	0	0	-	21.5	21.0	68	15	0
	150	FOUAD (Airport)	oo	8	03	3	•	0	-	20.2	24	54	14	0	00	7	04	3	0	•	-	21.1	19	73	14	0
	159	DAMIETTA	oo	8	02	3	•	0	-	19.8	23.0	53	13	0	00	8	02	3	•	•	-	20.0	20.7	66	14	0
	161	PORT SAÏD	oo	7	03	4	0	0	-	19	25	51	14	0	00	7	03	5	0	10	8	20	22	65	15	0
	135	EL ARISH	oo	9	30	3	•	•	-	18.2	23.9	42	10	0	00	9	32	3	•	•	-	18.7	22.8	88	21	0
LOWER EGYPT	136	DAMANHUR	oo	7	04	4	•	•	-	20.4	25.0	43	11	0	00	7	04	3	0	0	-	20.7	19.0	66	12	0
	137	MANSURA	oo	8	04	2	•	•	-	19.5	26.0	42	12	0	00	6	32	2	•	0	-	20.6	19.0	63	13	0
	138	TANTA	oo	8	04	3	•	•	-	18.8	24.6	41	13	0	00	8	32	1	0	0	-	20.0	21.4	67	15	0
	139	ZAGAZIG	oo	6	32	4	0	0	-	18.4	26.1	42	12	0	00	6	32	2	0	0	-	20.3	19.4	75	14	0
		SHIBÎN EL KÔM	oo	8	02	3	•	•	-	18.6	27.9	35	11	0	00	7	02	2	0	0	-	19.4	20.7	68	15	0
		ISMAÏLÍA	oo	8	02	3	0	0	-	17.9	27.6	34	11	0	00	8	02	1	0	0	-	19.4	20.5	57	12	0
CAIRO AREA	928	FAROUK(Airport)	oo	8	04	4	0	0	-	18	27	37	11	0	00	7	04	4	0	0	-	20	20	78	16	0
	141	ALMÁZA	oo	8	02	4	•	•	-	17.6	26.8	35	10	0	30	7	04	4	0	0	-	20	20	56	11	0
		EZBEKÍYA	oo	8	04	2	0	0	-	17.8	27.1	34	10	0	00	7	32	2	0	0	-	20.0	19.5	65	13	0
		GÍZA	oo	8	04	2	0	0	-	17.4	26.7	33	09	0	00	7	32	2	0	0	-	19.6	20.2	57	12	0
	143	HELWÂN	00	8	32	5	0	•	-	17.2	27.4	24	05	0	00	7	32	5	0	•	-	19.4	20.2	62	12	0
UPPER EGYPT	153	FAIYÛM	oo	8	02	3	•	0	-	16.7	28.0	25	06	0	00	8	02	3	0	0	-	18.6	21.6	52	13	0
		BENI SUEF	oo	9	02	1	0	0	-		27.4	42	13	0	00	9	02	4	0	0	-	18.2	22.2	56	13	0
	162	MINYA	oo	8	01	4	0	0	-	16	28	37	12	0	00	7	01	4	0	0	-	17	21	50	10	0
	155	ASYÛT	oo	8	26	1	0	•	-	15.0	28.0	27	07	0	00	6	22	1	0	0	-	15.9	21.2	53	11	0
	164	NAG HAMMÂDI	oo	8	00	0	•	•	-	15.9	28.0	42	14	0	00	8	00	0	0	0	-	13.9	20.0	60	12	0
	156	QENA	oo	9	24	2	0	0	-	12.8	30.4	34	13	0	00	6	24	2	0	0	-	13.1	23.4	40	09	0
	157	LUXOR	oo	8	30	2	0	0	-	13	29	31	10	0	00	7	00	0	0	0	-	13	25	34	08	0
	158	ASWÂN	oo	9	30	3	0	•	-	11.8	30.8	14	03	0	00	9	32	1	0	0	-	13.1	30.4	21	05	0
OASES	148	SIWA	oo	8	00	0	0	0	-	20.4	29.4	51	18	0	00	6	00	0	0	0	-	21.0	24.5	59	16	0
	149	BAHARÍYA	••	8	32	1	•	•	-	17.2	28.0	22	04	0	00	7	04	1	0	0	-	18.7	22.5	41	09	0
		FARAFRA	oo	8	04	3	•	0	-	17.9	28.3	41	13	0												
	152	DAKHLA	oo	9	32	2	0	•	-	16.6	26.9	35	09	0	00	8	28	1	0	0	-	16.7	24.4	40	10	0
	151	KHARGA	oo	8	02	2	0	0	-	10.9	28.0	19	02	0	00	7	00	0	0	•	-	15.0	23.4	52	12	0
RED SEA	144	SUEZ	oo	8	32	3	0	•	-		27.6	22	04	0	00		32	2	0	0	-	19.4	20.8	54	11	0
	145	TOR	oo	8	28	3	0	•	-	15.2	26.0	41	11	0	00	8	28	3	0	0	-	14.8	24.0	69	19	0
	163	HURGHÂDA	••	9	02	2	0	•	-	15	25	65	18	0	00	8	26	1	0	0	-	15	21	65	14	0
	147	QUSEIR	oo	8	32	3	•	•	-	14.7	27.0	45	14	0	00	8	30	2	0	0	-	14.4	24.0	49	12	0
	208	PORT SÛDAN																								
NORTH SUDAN	165	WADI HALFA																								
	166	KAREIMA																								
	167	ʿATBARA																								
	209	KHARTÛM																								
	170	KASSALA																								
CENTRAL SUDAN	171	WAD MEDANI																								
	182	RENK																								
	172	ROSEIRES																								
	174	EL OBEID																								
	175	EL FASHER																								
	179	GENEINA																								
SOUTH SUDAN	176	MALAKÂL																								
	177	WÂU																								
	178	JUBA																								

AREA	INDEX NUMBER	STATION	At 0600 on SATURDAY 16th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESSURE M.S.L. mbs PPP	Diff. from normal mbs	TEMPERATURE °C Dry Bulb TT	MAXIMUM Yesterday T_xT_x	MAXIMUM Diff. from norm	MINIMUM Today T_nT_n	MINIMUM Diff. from norm.	HUMIDITY % UU	DEW POINT °C	RAINFALL mms. Past 24 hrs	RAINFALL Total From 1 Oct	RAINFALL Norm From 1 Oct	STATION	AREA
MEDITERRANEAN	146	SIDI BARÂNI	oo	9	12	2	0	0	-	22.4		21 5			14		68	15	0			SIDI BARÂNI	MED. TERRANEAN
	160	MATRÛH	oo	8	16	1	0	0	-	23		22	26		14	-	69	16	0	4		MATRÛH	
	134	EL DABA	oo	8	04	1	0	0	-			24.0	25				60	16	0	0		EL DABA	
	132	ALEXANDRIA	01	9	04	2	1	3	4	22.0	+5.4	23.0	26	-2	19	-1	59	13	0	2	3	ALEXANDRIA	
	150	FOUAD (Airport)	oo	7	03	2	2	8		21.9		22	25		17		69	16	0	2	3	FOUAD (Airport)	
	159	DAMIETTA	00	8	30	3	1	1	6	21.8	+6.2	22.5	23		19		63	14	0	0	3	DAMIETTA	
	161	PORT SAÏD	00	7	04	4	0	2	6	21		23	26		21		65	16	0	0		PORT SAÏD	
	135	EL ARISH	oo	9	12	3	•	0	-	20.2		17.4	27		12		66	11	0	0	2	EL ARISH	
LOWER EGYPT	136	DAMANHUR	00	7	04	3	0	0	-	21.9	+5.5	19.2	26	-4	14	-3	67	13	0	4	2	DAMANHÛR	LOWER EGYPT
	137	MANSURA	oo	8	04	2	0	0	-	21.9	+6.0	22.8	27	-4	16	-2	64	16	0	0	1	MANSURA	
	138	TANTA	oo	8	08	2	0	0	-	21.4	+5.0	21.2	27	-4	12	-4	74	16	0	0	1	TANTA	
	139	ZAGAZIG	01	6	32	4	0	3	4			23.2	26	-5	12	-3	67	16	0	0	0	ZAGAZIG	
		SHIBÎN EL KÔM	00	7	02	2	0	0				15.9	29		12		76	12	0	0		SHIBÎN EL KÔM	
		ISMAÏLÍA	oo	7	32	1	0	0	-	21.0		20.0	28		15		78	14	0	0		ISMAÏLÍA	
CAIRO AREA	928	FAROUK(Airport)	00	7	06	6	0	0	-	21			27		15		95	16	0	0		FAROUK(Airport)	CAIRO AREA
	141	ALMÁZA	oo	7	04	4	0	0	-	21.3	+5.3	19.0	27		14		72	16	0	0		ALMÁZA	
		EZBEKÍYA	00	7	30	1	0	0	-	21.6	+5.6	18.7	28	-2	15	-2	75	15	0	0	1	EZBEKÍYA	
		GÍZA	00	7	30	1	0	0	-	21.1	+5.0	19.8	27	-3	12	-4	71	14	0	0	1	GÍZA	
	143	HELWÂN	00	6	04	5	0	0	-	20.6	+4.5	20.7	28	-2	17	-1	64	12	0	0	0	HELWÂN	
UPPER EGYPT	153	FAIYÛM	oo	8	02	2	0	0	-	19.5	+3.6	19.1	28	-4	16	-1	74	15	0	0	0	FAIYÛM	UPPER EGYPT
		BENI SUEF	oo	9	02	1	0	0	-			22.6	28		13		66	16	0	0		BENI SUEF	
	162	MINYA	oo	7	01	4	0	0	-	19		18	29		14		73	13	0	0		MINYA	
	155	ASYÛT	00	7	22	1	0	0	-	18.4	+3.6	18.6	28	-2	14	-4	49	07	0	0	0	ASYÛT	
	164	NAG HAMMÂDI	00	8	00	0	0	0	-	17.2	+2.4	21.9	29		11		58	10	0	0		NAG HAMMÂDI	
	156	QENA	oo	8	24	2	0	0	-	17.5	+4.0	22.4	32	-3	16	-3	50	11	0	0		QENA	
	157	LUXOR	oo	8	04	1	0	0	-	17		22	31		14		41	08	0	0		LUXOR	
	158	ASWÂN	00	9	32	2	0	0	-	16.3	+3.5	22.6	35	-2	19	-2	44	10	0	0		ASWÂN	
OASES	148	SIWA	oo	7	00	0	•	•	-	23.4	+5.9	18.2	30	-2	14	0	64	11	0	0	0	SIWA	OASES
	149	BAHARÍYA	oo	8	04	3	•	•	-	20.6	+4.0	19.0	29	-2	15	-1	76	15	0	0	0	BAHARIYA	
		FARAFRA																				FARAFRA	
	152	DAKHLA	00	8	00	0	0	0	-			20.3	27	-7	13	-5	55	11	0	0	0	DAKHLA	
	151	KHARGA	00	7	02	3	0	0	-	18.0	+3.6	20.0					37	05	0	0	0	KHARGA	
RED SEA	144	SUEZ	00	7	32	2	0	0	-	21.4	+6.4	21.6	29	-2	17	-2	62	14	0	0	0	SUEZ	RED SEA
	145	TOR	oo	9	04	1	0	•	-	17.9	+4.4	16.0	25	-4	14	-4	59	14	•	0	0	TOR	
	163	HURGHÂDA	00	9	26	1	0	0	-	18		21	25		15		53	06	0	0	0	HURGHADA	
	147	QUSEIR	oo	8	30	3	0	0	-	16.6	+3.4	25.6	28	-3	20	-3	38	10	0	0	0	QUSEIR	
	208	PORT SÛDAN	05	6	32	3	•	0	-	14		28					79	24	0	0	6	PORT SUDAN	
NORTH SUDAN	165	WADI HALFA																	0	0		WÂDI HALFA	NORTH SUDAN
	166	KAREIMA	00	8						12		27					25	05	•	0	0	KAREIMA	
	167	ʿATBARA	05	6	04	3	0	0	-	11		27					23	04	•	0	0	ʿATBARA	
	209	KHARTÛM	00	8	02	3	0	•	-	10		27							0	0	2	KHARTÛM	
	170	KASSALA																	0	0	4	KASSALA	
CENTRAL SUDAN	171	WAD MEDANI																	0	2	5	WAD MEDANI	CENTRAL SUDAN
	182	RENK																	•	0	21	RENK	
	172	ROSEIRES																	0	0	14	ROSEIRES	
	174	EL OBEID																	•	0	8	EL OBEID	
	175	EL FASHER	00	8	28	2	0	0	-			22			21	-1	0		•	0	4	EL FASHER	
	179	GENEINA																	0		4	GENEINA	
SOUTH SUDAN	176	MALAKÂL																	0	40	50	MALAKAL	S. SUDAN
	177	WÂU																	0	62	70	WÂU	
	178	JUBA																	0	58	50	JUBA	

HUMIDITY
Mean of day

STATION	on 15 th	Diff. from normal
Alexandria	63	-5
Ezbekiya	61	-5
Giza	59	-9
Helwân	60	+7

GIZA
GRASS MINIMUM TEMP
ON 16 th 7.8 °C

Remarks

UPPER AIR OBSERVATIONS on 15 th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT — ON 15 th AT 14 30

HEIGHT FEET	PRESSURE mbs	DRY °C	WET °C	WIND DD	WIND VV
SURFACE	1009	24	17		
500	991	21	14		
1000	973	19	14		
1500	955	18	13		
2000	938	17	11		
4000	871	16	8		
6000	808	13	2		
8000	749	9	•		
10000	694	4	-3		
12000	641	1	-3		
14000	592	-5	-5		
16000	546	-9	-10		
18000					
20000					

FAROUK AIRPORT — RAWINSONDE — ON 16 th AT 5-

HEIGHT m.	PRESSURE mbs	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
1000		590	18	85	70	12
950						
900		3530	14	25	50	25
850		5110	11	35	50	28
800		6780	12	35	30	22
700		10410	6	35	30	19
600						
500						
400						
300						
250						
200						
150						
100						

STATION	Fouad. A.P.				MATRÛH		Almaza		MINYA					
TIME	15				14				15					
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	40	18			90	5	20	16	360	52				
500	40	18			30	6	30	23	360	65				
1000	20	19			10	10	30	25	10	65				
1500	10	18			20	11	20	19	50	30				
2000	360	28			20	16	30	16						
3000	20	22			20	27	360	15						
4000							350	20						
5000							300	12						
6000														
7000														
8000														

STATION														
TIME														
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200														
500														
1000														
1500														
2000														
3000														
4000														
5000														
6000														
7000														
8000														

UPPER AIR OBSERVATIONS on 16 th

DD Direction of wind in degrees East of North. VV Velocity in knots.

HEIGHT m.	SIDI BARÂNI DD	SIDI BARÂNI VV	MATRÛH DD	MATRÛH VV	FOUAD AIRPORT DD	FOUAD AIRPORT VV	PORT SAÏD DD	PORT SAÏD VV	FAROUK AIRPORT DD	FAROUK AIRPORT VV	ALMÁZA DD	ALMÁZA VV	HELWÂN DD	HELWÂN VV	MINYA DD	MINYA VV	ASYÛT DD	ASYÛT VV	LUXOR DD	LUXOR VV	ASWÂN DD	ASWÂN VV	SIWA DD	SIWA VV
TIME	5		5 30		3				5						3				6				5	
200	130	15	90	10	20	11			60	17					360	13			20	14			90	20
500	110	10	80	11	20	12			50	22					360	16			60	11			90	25
1000	80	11	50	15	20	13			50	22					10	27			80	13			50	29
1500	60	18	40	23	10	16			50	24					30	33			40	8			50	25
2000	40	16	30	23	10	16			30	15													50	30
3000	20	21			360	23			30	16													60	17
4000	10	21			350	29																	60	4
5000																							60	5
6000																								
7000																								
8000																								

STATION	BAHARÍYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME			5		6		8																	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			50	25	20	22	320	23																
500			40	5	50	19	340	13																
1000			30	8	60	13	300	12																
1500			20	10	70	15	280	8																
2000			20	15			210	7																
3000							240	20																
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

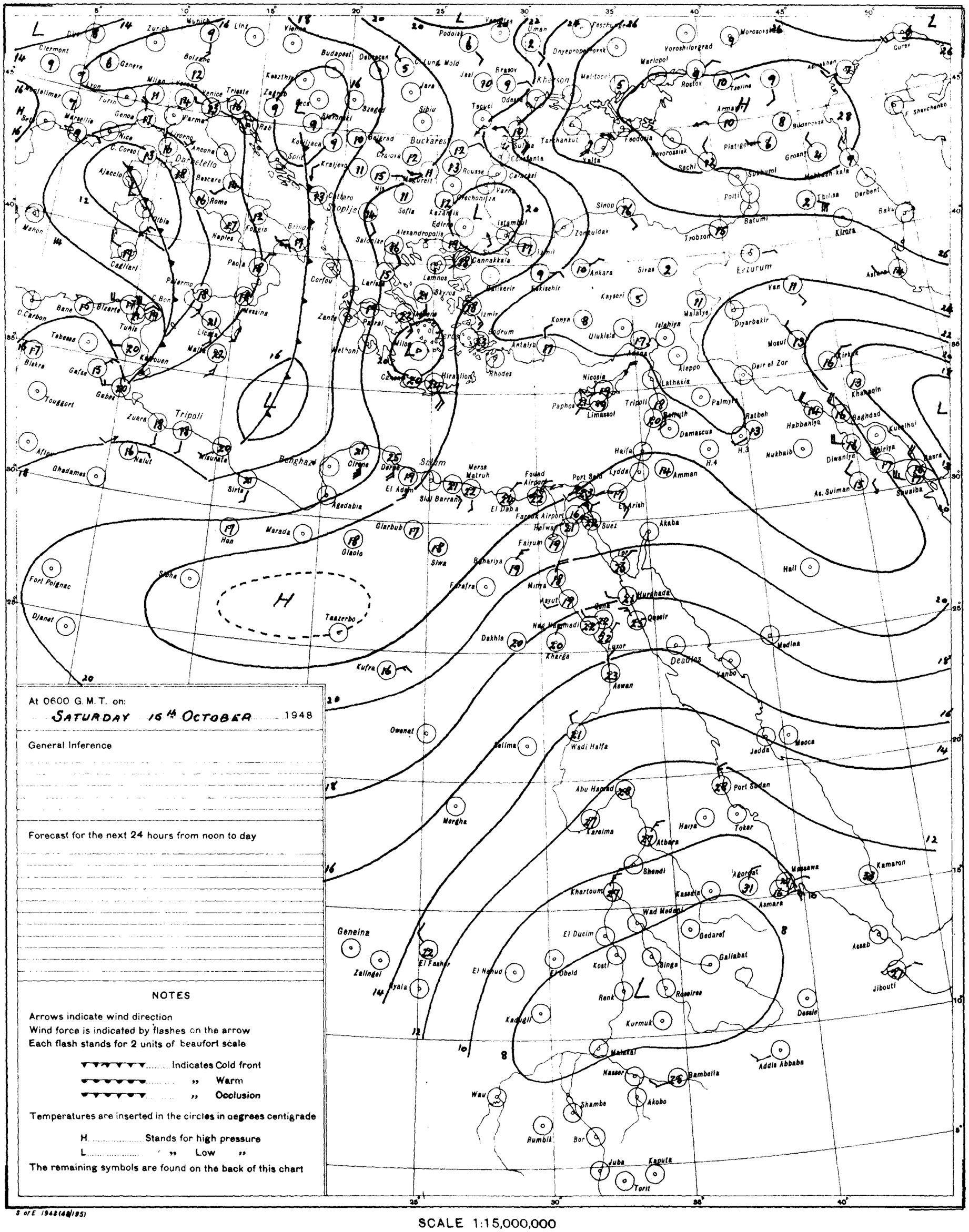
	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:

SATURDAY 16th OCTOBER 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼..... Indicates Cold front
▼▼▼▼▼▼..... ,, Warm
▼▼▼▼▼▼..... ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

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

The remaining symbols are found on the back of this chart

S of E 1948(46)195)

SCALE 1:15,000,000

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

CAIRO

Time of Sunrise 03 58 G.M.T.

" " Sunset 15 22 G.M.T.

DAILY WEATHER REPORT

Date: Sunday 17th October, 1948.

AREA	INDEX NUMBER	STATION	At 1200 on Saturday 16th: PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR PRESS M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms	At 1800 on Saturday 16th: PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARANI	00	9	04	4	0	0	—	21.9	24.1	73	19	0	00	9	06	2	0	0	—	22.6	21.6	84	19	0
	160	MATRÛH	00	8	05	3	0	0	—	22	24	74	19	0	00	7	06	3	0	0	—	23	21	78	17	0
	134	EL DABA	01	8	04	1	1	5	8		24.3	61	16	0	00	8	04	1	0	0	—		23.2	68	17	0
	132	ALEXANDRIA	01	9	04	3	2	5	8	21.0	23.4	69	17	0	01	6	06	4	2	5	4	21.5	22.0	82	19	0
	150	FOUAD (Airport)	00	7	04	3	0	1	8	20.8	25	61	17	0	00	7	04	2	0	1	6	21.6	21	83	18	0
	159	DAMIETTA	01	6	32	4	1	3	6	20.2	23.9	62	16	0	00	7	02	3	1	0	—	20.8	21.8	80	18	0
	161	PORT SAÏD	00	8	04	5	0	0	—	20	25	61	17	0	00	7	04	5	0	0	—	20	23	74	18	0
	135	EL ARISH	00	9	30	5	0	0	—	18.7	25.2	52	14	0	00	9	04	6	0	0	—	18.7	24.8	50	14	0
LOWER EGYPT	136	DAMANHUR	00	7	04	4	0	2	8	21.1	24.2	38	9	0	00	7	04	3	0	0	—	21.2	20.2	78	16	0
	137	MANSURA	00	8	04	2	0	0	—	20.4	28.0	44	15	0	00	6	32	2	0	0	—	21.4	20.5	84	17	0
	138	TANTA	00	8	04	3	0	0	—	19.5	27.3	40	12	0	00	8	08	1	0	0	—	20.4	22.0	63	14	0
	139	ZAGAZIG	00	6	32	3	0	0	—		28.0	45	15	0	00	6	24	2	0	0	—	19.2	24.9	86	22	0
		SHIBIN EL KOM	00	8	02	3	0	0	—	18.2	28.6	30	10	0	00	7	04	2	0	0	—	19.4	21.6	70	16	0
		ISMAILIA	00	8	04	3	0	0	—	18.6	28.0	40	13	0	00	8	32	1	0	0	—	19.9	21.3	71	15	0
CAIRO AREA	128	FAROUK(Airport)	00	8	04	5	0	0	—	18	28	46	21	0	00	8	04	4	0	0	—	20	21	88	19	0
	141	ALMAZA	00	8	04	5	0	0	—	18.0	28.1	32	10	0	00	7	04	4	0	0	—	19.9	21.0	73	18	0
		EZBEKIYA	00	8	02	2	0	0	—	18.2	29.4	35	12	0	00	7	04	1	0	0	—	20.2	21.0	71	15	0
		GIZA	00	8	03	2	0	0	—	18.0	28.0	35	11	0	00	7	04	1	0	0	—	20.2	22.3	56	13	0
	143	HELWAN	00	8	02	5	0	0	—	17.4	28.2	32	9	0	00	7	32	5	0	0	—	19.6	21.6	67	15	0
UPPER EGYPT	153	FAIYUM													00	8	02	2	0	0	—	18.3	22.4	57	13	0
		BENI SUEF	60	9	02	2	0	0	—		29.1	42	15	0	00	9	02	2	0	0	—	17.9	23.4	62	15	0
	162	MINYA	00	8	01	4	0	0	—	16	30	38	14	0	00	7	01	3	0	0	—	16	23	50	12	0
	155	ASYUT													00	6	20	1	0	0	—	15.5	22.0	66	15	0
	164	NAG' HAMMADI	00	8	00	0	0	0	—	13.9	29.9	34	13	0	00	8	00	0	0	0	—	14.3	20.2	78	16	0
	156	QENA	00	9	24	2	0	0	—	13.4	33.0	31	13	0	00	6	24	2	0	0	—	13.5	26.6	50	13	0
	157	LUXOR	00	8	31	2	0	0	—	13	31	28	10	0	00	7	00	0	0	0	—	13	24	36	8	0
	158	ASWAN	00	9	30	2	0	0	—	12.2	34.3	18	6	0	00	9	32	2	0	0	—	12.4	30.8	18	4	0
OASES	148	SIWA	00	8	00	0	0	0	—	20.8	30.3	63	22	0	00	6	04	2	0	0	—	20.8	25.4	60	17	0
	149	BAHARIYA	00	8	32	2	0	0	—	17.5	29.0	29	9	0	00	7	04	2	0	0	—	17.0	24.5	47	12	0
		FARAFRA																								
	152	DAKHLA	00	9	32	3	0	0	—		31.7	61	24	0	00	8	00	0	0	0	—	16.3	27.4	37	11	0
	151	KHARGA	00	9	32	1	0	0	—	15.8	31.5	16	3	0	00	7	00	0	0	0	—	16.0	23.5	24	2	0
RED SEA	144	SUEZ													00		32	3	0	0	—	19.4	21.4	56	12	0
	145	TOR	00	8	28	3	0	0	—	15.1	26.8	51	16	0	00	8	28	1	0	0	—	16.4	24.0	43	16	0
	163	HURGHADA	00	9	02	1	0	0	—	16	25	65	18	0	00	8	27	2	0	0	—	16	23	57	14	0
	147	QUSEIR	60	8	32	3	0	0	—	15.4	28.0	45	15	0	00	8	30	1	0	0	—	15.0	24.0	64	17	0
	208	PORT SUDAN																								
NORTH SUDAN	165	WADI HALFA																								
	166	KAREIMA																								
	167	ATBARA																								
	209	KHARTUM																								
	170	KASSALA																								
CENTRAL SUDAN	171	WAD MEDANI																								
	182	RENK																								
	172	ROSEIRES																								
	174	EL OBEID																								
	175	EL FASHER																								
	179	GENEINA																								
S. SUDAN	176	MALAKAL																								
	177	WAU																								
	178	JUBA																								

At 0600 on Sunday 17th

AREA	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. Maximum Yesterday T_xT_x	TEMPERATURE °C. Maximum Diff from norm.	TEMPERATURE °C. Minimum Today T_nT_n	TEMPERATURE °C. Minimum Diff from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total from Oct 1	RAINFALL mms. Norm. from Oct 1	STATION	AREA
	ww	V	DD	F	W		C	PPP		TT	T_xT_x		T_nT_n		UU						
MEDITERRANEAN	00	7	16	1	0	0	—	22.3		17.5	27		15		91	16	0			SIDI BARANI	MEDITERRANEAN
	00	8	26	2	0	0	—	22		22	26		14		78	17		4		MATRUH	
	00	8	04	1	0	0	—			23.8	25				95	23	0	0		EL DABA	
	00	9	04	2	0	0	—	21.5	+4.9	23.0	26	-2	20	0	73	18	0	2	3	ALEXANDRIA	
	00	7	02	2	0	0	—	21.4		24	26		18		69	18	0	2	3	FOUAD (Airport)	
	00	7	04	2	0	0	—	20.6	+4.9	23.3	24		20		80	19	0	0	3	DAMIETTA	
	00	7	04	4	0	0	—	21		24	26		22		79	20	0	0		PORT SAID	
	00	9	12	3	0	0	—	18.4	+4.1	18.0	26	-2	14	-3	72	13	0	0	2	EL ARISH	
LOWER EGYPT	00	6	04	2	0	0	—	21.5	+5.1	21.6	27	-3	15	-2	87	20	0	tr	2	DAMANHUR	LOWER EGYPT
	00	8	02	1	0	0	—	21.2	+5.2	22.8	28	-3	17	-1	80	19	0	0	1	MANSURA	
	00	8	04	1	0	0	—	20.8	+4.3	20.0	28	-3	13	-3	76	16	0	0	1	TANTA	
	00	6	24	2	00	0	—	21.1	+4.6	25.5	28	-3	12	-3	58	15	0	0	1	ZAGAZIG	
	00	7	02	2	0	0	—	20.8	+4.4	18.4	29		14		82	15	0	0		SHIBIN EL KOM	
	00	7	02	1	0	0	—	20.4		22.7	28		16		72	18	0	0		ISMAILIA	
CAIRO AREA	00	7	06	3	0	0	—	20		21	28		17		83	18	0	0		FAROUK(Airport)	CAIRO AREA
	00	7	04	4	0	0	—	20.4	+4.3	20.5	29		15		79	16	0	0		ALMAZA	
	00	7	30	1	0	0	—	20.8	+4.7	19.2	30	0	17	0	88	17	0	0	1	EZBEKIYA	
	00	7	30	1	0	0	—	20.4	+4.2	19.8	29	-1	16	+1	84	17	0	0	1	GIZA	
	00	7	04	5	0	0	—	19.8	+3.6	22.1	29	-1	18	0	72	17	0	0	0	HELWAN	
UPPER EGYPT	00	8	32	3	0	0	—	19.5	+3.5	22.0	30	-2	17	0	70	16	0	0	0	FAIYUM	UPPER EGYPT
	00	9	02	1	0	0	—	18.7		22.4	30		15		72	17	0	0		BENI SUEF	
	02	7	01	3	0	0	—	18		19	30		16		83	16	0	0		MINYA	
	00	7	28	1	0	0	—	17.5	+2.6	19.6	29	-1	16	-2	44	7	0	0	0	ASYUT	
	00	8	00	0	0	0	—	15.9	+2.0	21.6	31		11		56	12	0	0		NAG' HAMMADI	
	00	7	32	2	0	0	—	16.2	+2.6	19.2	34	-1	17	-1	44	7	0	0		QENA	
	00	8	02	1	0	0	—	16		25	32		13		39	10	0	0		LUXOR	
	00	9	32	2	0	0	—	15.1	+2.2	24.2	35	-2	20	-1	38	9	0	0		ASWAN	
OASES	00	7	00	0	0	0	—	23.5	+5.9	19.5	31	-1	14	0	40	6	0	0	0	SIWA	OASES
	01	7	32	1	1	3	8	20.0	+3.3	20.0	30	-1	17	+1	81	16	0	0	0	BAHARIYA	
																		0		FARAFRA	
	00	8	00	0	0	0	—	17.0	+1.6	20.3	32	-2	14	-3	58	11	0	0		DAKHLA	
	00	8	04	1	0	0	—	16.8	+2.3	20.8	33	-1	14	-4	58	12	0	0		KHARGA	
RED SEA	00	7	32	2	0	0	—	19.4	+4.3	22.0	29	-2	18	-1	73	17	0	0	1	SUEZ	RED SEA
	00	8	04	1	0	0	—	16.6	+3.0	22.2	28	-1	14	-4	42	8	0	0	0	TOR	
	00	8	26	1	0	0	—	16		22	26		16		36	6	0	0		HURGHADA	
	00	8	30	2	0	0	—	15.5	+2.2	25.2	28	-3	21	-2	39	10	0	0	0	QUSEIR	
	05	6	30	3	0	0	—	13		28					79	24	0	0	6	PORT SUDAN	
NORTH SUDAN																	0	0		WADI HALFA	NORTH SUDAN
	04	6	06	3	0	0	—	10		29					25	7	0	0	1	KAREIMA	
	18	6	08	4	0	1	1	10		30					46	17	0	0	1	ATBARA	
	00	8	30	2	1	2	4	9		30					88	14	0	0	2	KHARTUM	
	00	8	16	1	0	0	—	8		32					41	17	0	0	4	KASSALA	
CENTRAL SUDAN																	0	2	6	WAD MEDANI	CENTRAL SUDAN
																	0	0	22	RENK	
																	0	0	15	ROSEIRES	
	00	7	32	3	1	0	—	10		28					19	2	0	0	8	EL OBEID	
	00	7	24	2	0	0	—			23					27	3	0	0	4	EL FASHER	
	02	8	16	2	1	8	6,4			25					70	19			4	GENEINA	
S. SUDAN																	0	40	52	MALAKAL	S. SUDAN
																	0	62	75	WAU	
																	0	58	53	JUBA	

HUMIDITY

Mean of day

STATION	on 16th	Diff. from normal
Alexandria	69	+1
Ezbekiya	67	+1
Giza	58	-10
Helwan	60	+7

GIZA GRASS MINIMUM TEMP

ON 17th 12.4 °C

Remarks

UPPER AIR OBSERVATIONS on 16th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT

ON at

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C
SURFACE			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT RAWINSONDE

ON at

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					
250					
200					
150					
100					

STATION	Ma'Truh		Fouad Af		Almaza		Minya							
TIME	14		15		15		15							
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	40	8	30	22	30	21	360	33						
500	40	10	30	22	40	20	10	36						
1000	50	15	40	27	40	20	20	45						
1500	30	23	40	23	20	23	40	40						
2000	40	22	30	28	50	13								
3000			50	24	20	10								
4000					330	10								
5000					280	12								
6000														
7000														
8000														

STATION														
TIME														
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200														
500														
1000														
1500														
2000														
3000														
4000														
5000														
6000														
7000														
8000														

UPPER AIR OBSERVATIONS on 17th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SAID		FAROUK AIRPORT		ALMAZA		HELWAN		MINYA		ASYUT		LUXOR		ASWAN		SIWA	
TIME	5		4						5		9		7						6		5		5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	160	3	30	3					90	14	40	23	40	21					30	14	10	8	70	16
500	90	10	60	10					60	26	50	24	40	30					60	12	40	10	80	18
1000	90	13	70	20					50	28	60	16	40	26					40	9	30	8	60	24
1500	50	12	60	23					40	36	40	25							190	4	360	3	50	31
2000	30	15	40	28					40	30	60	13							240	6	60	3	60	42
3000	30	16	40	19					40	25	40	25							150	2	210	10	60	25
4000	20	14							320	5														
5000	30	10							330	10														
6000									280	19														
7000																								
8000																								

STATION	BAHARIYA		DAKHLA		KHARGA		HURGHADA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME			5		5 45		8																	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			10	5	30	9	320	21																
500			360	6	60	12	320	19																
1000			70	11	70	11	300	11																
1500			70	10	60	9	290	7																
2000			60	12	60	9	270	5																
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H. Force	
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G. M. T. on:
SUNDAY 17th OCTOBER 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

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

The remaining symbols are found on the back of this chart

S of E 1948 (48/195)

SCALE 1:15,000,000

OAIRO
Time of Sunrise 03 59 G.M.T.
" " Sunset 15 21 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

DAILY WEATHER REPORT

Date: Monday 18th October, 1948.

Form 91

AREA	INDEX NUMBER	STATION	At 1200 on Sunday 17th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR. PRESS. M.S.L. mbs PPP	°C TEMP. TT	HUMIDITY % UU	DEW POINT °C	RAIN 6-12 G.M.T. mms
MEDITERRANEAN	146	SIDI BARANI	30	9	30	2	0	1	8	21.2	24.4	72	19	0
	160	MATRÛH	00	8	04	2	0	0	—	21	25	74	20	0
	134	EL DABA	00	9	04	1	0	0	—		24.8	69	19	0
	132	ALEXANDRIA	00	9	02	3	0	0	—	20.2	24.6	69	19	0
	150	FOUAD (Airport)	00	7	02	3	0	0	—	17.8	26	62	18	0
	159	DAMIETTA	00	8	32	4	1	1	8	19.0	24.8	68	19	0
	161	PORT SAÏD	00	8	02	4	0	1	6	19	26	70	20	0
	135	EL ARISH												
LOWER EGYPT	136	DAMANHÛR	00	7	04	4	0	0	—	19.9	27.8	50	16	0
	137	MANSURA	00	8	04	2	0	0	—	19.4	28.2	54	18	0
	138	TANTA	00	8	32	4	0	0	—	19.1	30.0	47	17	0
	139	ZAGAZIG	00	6	32	2	0	0	—	17.6	29.0	45	16	0
		SHIBÎN EL KÔM	00	8	30	4	0	1	8	18.6	30.4	42	16	0
		ISMAÏLÍA	00	7	02	3	0	0	—	17.6	28.3	43	14	0
CAIRO AREA	928	FAROUK(Airport)	00	8	02	4	0	0	—	17	29	55	19	0
	141	ALMÂZA	00	8	01	4	0	0	—	17	30	38	14	0
		EZBEKÍYA	00	8	32	2	0	0	—	17.8	30.2	37	14	0
		GÍZA	00	8	32	2	0	0	—	17.5	29.4	36	12	0
	143	HELWÂN	12	8	32	6	0	0	—	16.6	30.0	27	9	0
UPPER EGYPT	153	FAIYÛM	00	8	32	4	0	0	—	16.3	30.3	30	11	0
		BENI SUEF	00	9	02	3	0	0	—	15.5	32.6	21	8	0
	162	MINYA	00	8	31	4	0	0	—	15	32	28	11	0
	155	ASYÛT												
	164	NAG' HAMMÂDI												
	156	QENA	00	6	24	2	0	0	—	12.4	33.0	30	13	0
	157	LUXOR	00	8	30	1	0	0	—	12	33	28	12	0
	158	ASWÂN	00	9	30	2	0	0	—	11.2	34.8	14	4	0
OASES	148	SIWA	00	8	00	0	0	0	—	20.7	31.2	52	20	0
	149	BAHARÍYA	00	8	32	2	1	0	—	16.7	31.0	32	13	0
		FARAFRA												
	152	DAKHLA	00	9	32	3	0	0	—	15.2	30.0	37	14	0
	151	KHARGA	00	9	32	1	0	0	—	10.6	32.0	19	6	0
RED SEA	144	SUEZ												
	145	TOR	00	8	28	4	0	0	—	14.2	26.8	63	19	0
	163	HURGHÂDA	00	8	01	1	0	0	—	14	26	70	20	0
	147	QUSEIR	00	8	32	2	0	0	—	14.4	27.0	56	17	0
	208	PORT SÛDAN												
NORTH SÛDAN	165	WADI HALFA												
	166	KAREIMA												
	167	ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÛDAN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S SÛDAN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

AREA	INDEX NUMBER	STATION	At 1800 on Sunday 17th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR. PRESS. M.S.L. mbs PPP	°C TEMP. TT	HUMIDITY % UU	DEW POINT °C	RAIN 12-18 G.M.T. mms
MEDITERRANEAN	146	SIDI BARANI												
	160	MATRÛH	00	7	04	1	0	0	—	21	20	95	20	
	134	EL DABA	00	8	04	1	0	0	—		24.3	70	18	0
	132	ALEXANDRIA	00	6	04	2	0	0	—	20.4	22.6	92	22	0
	150	FOUAD (Airport)	00	7	02	2	0	0	—	19.7	22	89	20	0
	159	DAMIETTA	00	5	32	2	0	tr.	8	19.1	22.1	83	19	0
	161	PORT SAÏD	00	7	03	4	0	0	—	19	23	78	19	0
	135	EL ARISH	00	9	00	0	0	0	—	18.0	25.9	77	22	0
LOWER EGYPT	136	DAMANHÛR	00	7	04	4	0	0	—	20.2	20.2	84	17	0
	137	MANSURA	00	6	04	2	0	0	—	19.6	21.2	87	19	0
	138	TANTA	00	8	00	0	0	0	—	19.4	22.0	77	18	0
	139	ZAGAZIG	00	6	32	2	0	0	—	20.3	23.0	76	19	0
		SHIBÎN EL KÔM												
		ISMAÏLÍA	00	7	02	1	0	0	—	18.6	22.0	80	18	0
CAIRO AREA	928	FAROUK(Airport)	00	7	04	3	0	0	—	18	22	94	21	0
	141	ALMÂZA	00	7	04	3	0	0	—	19	23	65	16	0
		EZBEKÍYA	00	7	02	1	0	0	—	19.2	22.0	72	17	0
		GÍZA	00	7	02	1	0	0	—	18.8	22.7	65	16	0
	143	HELWÂN	00	7	02	4	0	0	—	18.7	22.2	68	16	0
UPPER EGYPT	153	FAIYÛM	00	8	32	2	0	0	—	17.5	24.2	51	13	0
		BENI SUEF	00	9	02	3	0	0	—	17.0	24.8	49	13	0
	162	MINYA	00	7	01	4	0	0	—	16	25	47	13	0
	155	ASYÛT	00	6	28	1	0	0	—	14.2	24.8	35	9	0
	164	NAG' HAMMÂDI												
	156	QENA	00	6	24	2	0	0	—	12.6	24.6	34	8	0
	157	LUXOR	00	7	18	1	0	0	—	13	25	34	8	0
	158	ASWÂN	00	9	32	2	0	0	—	11.8	30.4	16	1	0
OASES	148	SIWA	00	6	04	2	0	0	—	19.2	27.2	55	17	0
	149	BAHARÍYA	00	7	04	2	0	0	—	17.4	25.5	51	15	0
		FARAFRA												
	152	DAKHLA	00	8	00	0	0	0	—	16.2	25.7	44	13	0
	151	KHARGA	00	7	00	0	0	0	—	10.6	27.5	23	5	0
RED SEA	144	SUEZ	00		32	3	0	0	—	17.0	22.4	69	17	0
	145	TOR	00	6	32	2	0	0	—	14.0	23.6	77	19	0
	163	HURGHÂDA	00	8	26	2	0	0	—	14	22	61	14	0
	147	QUSEIR	00	8	30	1	0	0	—	14.2	24.4	59	15	0
	208	PORT SÛDAN												
NORTH SÛDAN	165	WADI HALFA												
	166	KAREIMA												
	167	ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÛDAN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S SÛDAN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

AREA	INDEX NUMBER	STATION	At 0600 on Monday 18th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR. PRESSURE M.S.L. mbs PPP	Diff. from normal mbs	TEMPERATURE °C Dry Bulb TT	MAXIMUM Yesterday T_xT_x	MAXIMUM Diff. from norm.	MINIMUM Today T_nT_n	MINIMUM Diff. from norm.	HUMIDITY % UU	DEW POINT °C	RAINFALL mms Past 24 hrs	RAINFALL mms Total From Oct 1	RAINFALL mms Norm. From Oct 1
MEDITERRANEAN	146	SIDI BARANI	00	9	18	2	0	0	—	19.9		22.0	28		17		64	15	0		
	160	MATRÛH	00	7	19	1	0	0	—	20		22	25		14		61	14	0	4	
	134	EL DABA	00	8	24	1	0	0	—	19.0		23.0					76	19	0	0	
	132	ALEXANDRIA	00	9	04	1	0	0	—	19.4	+2.7	24.4	26	−2	20	0	72	19	0	2	3
	150	FOUAD (Airport)	00	7	02	1	4	0	—	19.4		23	26		16		89	21	0	2	3
	159	DAMIETTA	04	5	32	2	0	0	—	19.0	+3.3	23.5	25		19		83	20	0	0	3
	161	PORT SAÏD	00	7	04	2	0	0	—	19		24	27		22		84	21	0	0	
	135	EL ARISH	00	9	00	0	0	0	—	18.3	+3.0	21.0	27	−1	15	−2	69	20	0	0	2
LOWER EGYPT	136	DAMANHÛR	41	5	04	2	4	0	—	19.6	+3.1	21.8	29	−2	15	−1	87	20	0	tr.	2
	137	MANSURA	00	8	04	1	0	0	—	19.1	+3.1	22.5	29	−2	18	+1	87	20	0	0	1
	138	TANTA	01	8	00	0	1	7	8	19.5	+3.0	19.0	30	0	15	−1	94	18	0	0	1
	139	ZAGAZIG	09	4	24	2	4	0	—	19.1	+2.6	20.0	29	−1	16	+1	91	18	0	0	1
		SHIBÎN EL KÔM	01	7	02	2	1	5	8	19.4	+3.0	20.1	31		17		78	16	0	0	
		ISMAÏLÍA	00	7	30	1	0	0	—	18.7		21.9	29		17		77	18	0	0	
CAIRO AREA	928	FAROUK(Airport)	44	3	02	1	4	mist	0	19		19			20		100	19	0	0	
	141	ALMÂZA	48	1	04	2	4	mist	0	19.2	+3.1	18.1	31		17		98	18	0	0	
		EZBEKÍYA	48	3	02	1	4	mist	0	19.5	+3.4	18.7	31	+1	18	+1	95	18	0	0	1
		GÍZA	48	3	02	1	4	mist	0	19.1	+2.8	19.0	30	+1	18	+3	97	18	0	0	1
	143	HELWÂN	00	6	02	5	0	tr.	8	18.4	+2.1	22.0	30	0	19	+1	75	17	0	0	0
UPPER EGYPT	153	FAIYÛM	01	8	32	2	1	5	6	18.2	+2.2	22.6	31	0	18	+1	77	19	0	0	0
		BENI SUEF	00	9	02	2	0	0	—	17.5		22.8	33		17		70	17	0	0	
	162	MINYA	00	7	01	4	0	1	6	16		20	32		18		78	16	0	0	
	155	ASYÛT	00	7	20	1	0	0	—	16.3	+1.3	20.8	30	0	17	−1	58	12	0	0	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	—	15.8	+1.8	23.0	32		12		59	14	0	0	
	156	QENA	00	7	32	2	0	0	—	14.6	+1.0	22.4	35	0	18	0	45	9	0	0	
	157	LUXOR	00	8	03	2	0	0	—	14		24	34		17		50	13	0	0	
	158	ASWÂN	00	9	32	1	0	0	—	13.2	+0.2	24.0	36	0	20	−1	34	7	0	0	
OASES	148	SIWA	00	7	00	0	0	0	—	20.7	+3.0	20.5	32	0	14	0	60	12	0	0	0
	149	BAHARÍYA	00	7	32	1	0	0	—	19.0	+2.3	21.0	32	+1	17	+1	82	18	0	0	0
		FARAFRA																		0	
	152	DAKHLA	00	8	16	1	0	0	—	15.5	0.0	22.0	31	−3	17	0	57	12	0	0	
	151	KHARGA	00	8	04	2	0	0	—	14.6	+0.1	21.5	33	−1	17	−1	59	13	0	0	
RED SEA	144	SUEZ	00	7	28	2	0	0	—	17.9	+2.7	22.8	30	−1	19	0	77	19	0	0	1
	145	TOR	00	8	28	3	0	0	—	15.0	+1.3	25.2	29	0	15	−3	58	16	0	0	0
	163	HURGHÂDA	00	8	26	1	0	0	—	15		22	26		19		47	10	0	0	
	147	QUSEIR	00	8	30	4	0	0	—	14.4	+1.0	25.7	29	−2	22	−1	46	13	0	0	0
	208	PORT SÛDAN	05	6	32	4	1	1	6	11		28					84	25		0	7
NORTH SÛDAN	165	WADI HALFA																	0	0	
	166	KAREIMA	00	7	06	3	0	0	—	9		29					37	13	0	0	1
	167	ATBARA	02	7	05	3	1	8	1	9		28					49	16	0	0	1
	209	KHARTÛM	01	7	06	3	1	7	4	7		31					66	18	0	0	2
	170	KASSALA	00	8	08	2	0	0	—	8		29					52	18	0	0	4
CENTRAL SÛDAN	171	WAD MEDANI																	6	8	6
	182	RENK																	0	0	24
	172	ROSEIRES																	0	0	16
	174	EL OBEID	00	8	18	3	0	0	—	9		25					58	16	0	0	9
	175	EL FÂSHER	00	8	24	1	0	0	—			22					31	4	0	0	5
	179	GENEINA	00	8	02	3	0	0	—			23					14	−6	0		4
S SÛDAN	176	MALAKÂL																	35	75	54
	177	WÂU																	91	153	80
	178	JUBA																	9	67	56

HUMIDITY

Mean of day

STATION	on 17th	Diff. from normal
Alexandria	81	+13
Ezbekiya	74	+8
Giza	69	+1
Helwân	64	+11

GIZA

GRASS MINIMUM TEMP

ON 18th 14.3 °C

Remarks

UPPER AIR OBSERVATIONS on 17th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT — ON — At

HEIGHT FEET	PRESSURE mbs	DRY °C	WET °C	WIND DD	WIND VV
SURFACE					
500					
1000					
1500					
2000					
4000					
6000					
8000					
10000					
12000					
14000					
16000					
18000					
20000					

FAROUK AIRPORT RAWINSONDE — ON 18th — At 5

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		20	85	60	7
1000	510	15	85	60	7
950					
900	3410	12	25	50	34
850	4970	10	25	50	33
800	6610	7	25	50	31
700	10160	−1	25	50	27
600	14140	−9	25	360	3
500	18680	−19		250	9
400		−28			
300	30580	−44		250	56
250					
200	39260	−59		130	28
150					
100					

STATION	Matruh		Fouad A.P.		Minya	
TIME	14		15		15	
HEIGHT m.	DD	VV	DD	VV	DD	VV
200	360	11	20	16	360	22
500	50	8	10	22	10	19
1000	40	13	20	23	360	22
1500	20	15	40	28	10	31
2000	30	14	30	25	20	23
3000			30	28		
4000						
5000						
6000						
7000						
8000						

STATION												
TIME												
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200												
500												
1000												
1500												
2000												
3000												
4000												
5000												
6000												
7000												
8000												

UPPER AIR OBSERVATIONS on 18th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARANI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME	5		4 15				4		5		9		7 30		4				5 45		5		5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	300	7	310	8			30	13	50	10	40	23	40	33	30	36			20	16	10	8	100	16
500	320	8	330	10			50	15	50	23	50	24	50	26	50	42			50	16	40	16	80	17
1000	320	9	330	9			40	19	50	30	60	16	50	16	20	24			80	11	40	5	50	22
1500	320	14	340	13			20	3	50	30	40	25			20	16			220	5	10	3	30	23
2000	340	16	350	15					50	30	60	13							260	18	40	8	40	22
3000	340	20	340	10					50	26	40	25							220	11	20	5	40	20
4000									70	7														
5000									290	7														
6000									240	10														
7000																								
8000																								

STATION	BAHARÍYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME			5		5 30		8										5				4 15			
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			220	2	20	14	320	14																
500			320	3	40	13	340	14									180	9						
1000			40	17	80	8	330	23									160	6			10	6		
1500			50	16	60	10	310	8									130	11			60	20		
2000			60	13	50	4	270	3									40	7			40	14		
3000			130	3			270	14									360	7			90	4		
4000																	10	10			110	8		
5000																								
6000																					90	4		
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H. Force	
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on
MONDAY 18th OCTOBER 1948

General inference

Forecast for the next 24 hours from noon today

NOTES

Arrows indicate wind direction.
Wind force is indicated by flashes on the arrow.
Each flash stands for 2 units on Beaufort scale.

Indicates Cold front
" Warm "
" Occlusion

Temperatures are represented in the charts in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of these charts.

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 59 G.M.T.
" " Sunset 15 20 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

MAR 8 1949 WEATHER BUREAU

DAILY WEATHER REPORT

Date: Tuesday 19th October, 1948.

At 1200 on Monday 18th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARANI	00	9	30	2	0	tr.	4	18.0	27.5	51	17	0
	160	MATRUH	00	8	02	3	0	0	–	18	27	65	17	0
	134	EL DABA	01	9	04	1	0	0	–		29.0	40	14	0
	132	ALEXANDRIA	00	9	32	2	0	0	–	17.6	28.0	62	18	0
	150	FOUAD (Airport)	00	7	29	3	0	0	–	17.6	27	55	17	0
	159	DAMIETTA	00	8	04	3	0	0	–	17.1	26.0	55	16	0
	161	PORT SA'ID	00	8	01	3	0	0	–	17	26	74	21	0
	135	EL 'ARISH	00	9	28	3	0	0	–	16.7	25.2	77	21	0
Lower Egypt	136	DAMANHUR	00	7	04	3	0	0	–	17.5	29.8	37	14	0
	137	MANSURA	00	8	04	2	0	0	–	16.8	30.5	38	14	0
	138	TANTA	00	8	04	2	1	0	–	17.1	31.0	39	15	0
	139	ZAGAZIG	00	6	32	4	0	0	–	16.8	30.0	44	16	0
		SHIBIN EL KOM	00	8	30	3	0	0	–	16.8	32.0	36	15	0
		ISMAILIA	00	8	02	2	0	0	–	15.9	30.6	30	12	0
Cairo Area	928	FAROUK (Airport)	00	8	04	3	0	0	–	15	31	41	16	0
	141	ALMAZA	00	8	04	4	0	0	–	15.3	30.5	29	10	0
		EZBEKIYA	00	8	04	1	0	0	–	15.8	30.8	37	14	0
		GIZA	00	8	04	1	0	0	–	15.5	30.0	36	13	0
	143	HELWAN	00	8	32	5	0	0	–	15.1	30.8	24	7	0
Upper Egypt	153	FAIYUM	00	8	02	3	0	0	–	14.8	30.2	33	12	0
		BENI SUEF	00	9	02	2	0	0	–	14.0	32.7	24	10	0
	162	MINYA	00	8	01	4	0	0	–	14	31	38	15	0
	155	ASYUT	00	8	22	1	0	0	–	12.7	30.8	28	10	0
	164	NAG HAMMADI	00	8	00	0	0	0	–	11.2	30.4	44	16	0
	156	QENA	00	8	24	2	0	0	–	10.7	32.2	37	15	0
	157	LUXOR	00	8	32	2	0	0	–	10	33	32	14	0
	158	ASWAN	00	9	26	1	0	0	–	9.1	37.0	14	25	0
Oases	148	SIWA	00	8	00	0	0	0	–	17.9	30.4	50	18	0
	149	BAHARIYA	00	8	32	2	0	0	–	15.1	31.5	25	9	0
		FARAFRA												
	152	DAKHLA	00	9	32	2	0	0	–	13.8	31.0	37	15	0
	151	KHARGA	00	8	04	2	0	0	–	11.5	32.0	24	9	0
Red Sea	144	SUEZ	00	8	32	3	0	0	–	14.3	30.2	33	12	0
	145	TOR	00	8	28	3	0	0	–	13.0	27.3	65	20	0
	163	HURGHADA	00	9	02	1	0	0	–	13	26	74	21	0
	147	QUSEIR	00	8	32	3	0	0	–	13.2	27.7	59	19	0
	208	PORT SUDAN												
North Sudan	165	WADI HALFA												
	166	KAREIMA												
	167	ATBARA												
	209	KHARTUM												
	170	KASSALA												
Central Sudan	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FASHER												
	179	GENEINA												
S. Sudan	176	MALAKAL												
	177	WAU												
	178	JUBA												

At 1800 on Monday 18th

Index	Station	ww	V	DD	F	W	Cloud Amount 0-10	C	PPP	TT	UU	Dew Point °C	Rain 12-18 G.M.T. mms
146	SIDI BARANI	01	8	12	1	1	5	4	17.6	22.3	83	19	0
160	MATRUH	01	7	00	0	0	3	1	18	20	88	18	0
134	EL DABA	00	8	32	1	0	0	–		23.2	81	19	0
132	ALEXANDRIA	00	6	04	1	0	0	–	18.6	23.0	83	20	0
150	FOUAD (Airport)	00	7	02	2	0	0	–	18.1	22	83	19	0
159	DAMIETTA	08	4	28	2	4	0	–	17.2	22.0	82	19	0
161	PORT SA'ID	00	7	02	4	0	0	–	17	24	74	19	0
135	EL 'ARISH	00	9	32	1	0	0	–	16.0	23.0	74	18	0
136	DAMANHUR	00	7	04	3	0	0	–	18.0	21.4	78	17	0
137	MANSURA	00	6	32	2	0	0	–	17.8	21.2	77	17	0
138	TANTA	00	8	00	0	0	0	–	18.2	23.0	64	16	0
139	ZAGAZIG	00	6	32	2	0	0	–	17.5	23.0	80	20	0
	SHIBIN EL KOM	00	7	02	2	0	0	–	18.3	21.3	66	14	0
	ISMAILIA	00	8	02	1	0	0	–	16.8	22.6	79	19	0
928	FAROUK (Airport)	00	8	04	4	0	0	–	17	24	69	18	0
141	ALMAZA	00	7	04	4	0	0	–	17.2	23.5	47	12	0
	EZBEKIYA								17.5	23.0	64	16	0
	GIZA												
143	HELWAN	00	7	32	4	0	0	–	16.7	24.2	53	14	0
153	FAIYUM	00	8	02	2	0	0	–	15.8	25.4	49	13	0
	BENI SUEF	00	9	02	1	0	0	–	15.8	24.1	51	13	0
162	MINYA	00	7	01	3	0	0	–	14	24	54	14	0
155	ASYUT	00	6	20	1	0	0	–	13.0	23.2	58	14	0
164	NAG HAMMADI	00	8	00	0	0	0	–	11.4	22.7	55	14	0
156	QENA	00	6	24	2	0	0	–	11.0	24.6	49	13	0
157	LUXOR	00	7	05	1	0	0	–	11	26	40	11	0
158	ASWAN	00	9	02	1	0	0	–	10.4	31.0	20	6	0
148	SIWA	00	6	00	0	0	0	–	18.7	27.8	55	18	0
149	BAHARIYA	00	7	04	1	0	0	–	16.2	27.0	63	19	0
	FARAFRA	00	7	02	2	0	0	–	15.8	24	48	12	0
152	DAKHLA	00	8	00	0	0	0	–	13.1	28.7	40	14	0
151	KHARGA	00	7	32	1	0	0	–	11.9	26.5	28	6	0
144	SUEZ	00		32	2	0	0	–	14.7	24.6	54	15	0
145	TOR	00	8	04	3	0	0	–	12.6	24.0	83	21	0
163	HURGHADA	00	8	26	1	0	0	–	13	22	69	16	0
147	QUSEIR	00	8	30	2	0	0	–	12.8	25.0	56	15	0
208	PORT SUDAN	01	7	32	3	1	5	4	10	31	59	22	0
165	WADI HALFA	05	7	02	2	1	tr.	–	9	28	25	6	0
166	KAREIMA	00	7	32	3	0	0	–	5	33	14	2	0
167	ATBARA	00	7	28	2	0	0	–	3	37	20	11	0
209	KHARTUM	00	7	02	2	0	0	–	5	33	24	10	0
170	KASSALA	00	8	32	2	1	1	6	4	31	33	13	0
171	WAD MEDANI												
182	RENK												
172	ROSEIRES												
174	EL OBEID												
175	EL FASHER	00	7	04	2	0	0	–		29	20	4	0
179	GENEINA	00	8	02	3	0	0	–		28	16	0	0
176	MALAKAL	01	8	00	0	1	3	8	7	27	84	24	0
177	WAU												
178	JUBA												

At 0600 on Tuesday 19th

Station	ww	V	DD	F	W	Cloud Amount 0-10	C	Bar. M.S.L. mbs PPP	Diff. from normal mbs	Dry Bulb TT	Max. Yesterday TxTx	Diff from norm.	Min. Today TnTn	Diff from norm.	Humidity % UU	Dew Point °C	Rain Past 24 hrs	Total From Oct 1	Norm. From Oct 1	Area
SIDI BARANI	01	9	18	3	1	3	1	16.7		24.4	30		19		43	11	0			Mediterranean
MATRUH	01	8	21	3	1	5	1	17		23	29		18		53	13	0	4		
EL DABA	01	8	16	1	1	5	6	17.1		26.0	30				57	17	0	0		
ALEXANDRIA	02	7	12	2	1	8	9	18.6	+1.8	19.0	28	0	19	-1	96	18	0	2	3	
FOUAD (Airport)	02	7	12	1	1	10	6	18.2		21	28		15		94	20	0	2	3	
DAMIETTA	04	5	04	2	4	0	–	17.9	+2.1	23.5	27		17		86	20	0	0	3	
PORT SA'ID	00	7	06	2	0	0	–	18		24	27		22		79	20	0	0	1	
EL 'ARISH	00	9	00	0	0	0	–	16.7	+1.4	20.5	28	0	19	+2	86	18	0	0	2	
DAMANHUR	08	4	20	2	4	2	1	18.3	+1.8	20.2	31	+1	16	-1	96	19	0	tr.	2	Lower Egypt
MANSURA	00	8	12	1	0	0	–	18.3	+2.2	22.8	32	+2	17	0	84	20	0	0	1	
TANTA	01	8	00	0	1	5	8	18.4	+1.8	17.9	31	+1	18	+2	93	19	0	0	1	
ZAGAZIG	00	6	04	2	0	0	–	17.9	+1.3	19.5	31	+1	16	+1	95	19	0	0	1	
SHIBIN EL KOM	09	5	02	1	4	0	–	18.3		19.3	32		16		87	17	0	0		
ISMAILIA	04		00	0	4	0	–	17.9		18.5	31		17		95	17	0	0		
FAROUK (Airport)	01	7	06	4	1	7	8	18		20	31		16		88	18	0	0		Cairo Area
ALMAZA	01	7	05	4	4	3	6	17.8	+1.6	20.9	31		15		87	18	0	0		
EZBEKIYA	00	7	04	1	0	0	–	18.0	+1.8	20.4	32	+2	17	0	89	18	0	0	1	
GIZA	00	7	04	1	0	0	–	17.6	+1.2	21.9	31	+2	15	0	82	19	0	0	1	
HELWAN	00	7	02	4	0	0	–	17.5	+1.1	22.2	31	+1	19	+1	63	15	0	0	0	
FAIYUM	00	8	32	2	0	0	–	17.6	+1.6	22.5	31	0	18	+1	69	16	0	0	0	Upper Egypt
BENI SUEF	00	9	02	1	0	0	–	17.2		22.6	33		15		70	17	0	0		
MINYA	00	7	01	3	0	0	–	16		20	32		16		83	17	0	0		
ASYUT	00	7	20	1	0	0	–	16.0	+0.9	21.6	31	+1	17	-1	50	11	0	0	0	
NAG HAMMADI	00	8	00	0	0	0	–	14.6	+0.5	23.8	31		13		65	16	0	0		
QENA	00	7	04	2	0	0	–	14.3	+0.6	20.6	33	-1	20	+2	60	13	0	0		
LUXOR	00	8	02	2	0	0	–	14		24	35		17		47	12	0	0		
ASWAN	00	9	32	1	0	0	–	13.2	+0.2	23.3	38	+2	21	0	43	10	0	0		
SIWA	00	7	00	0	0	0	–	18.8	+1.1	22.5	34	+2	14	0	62	12	0	0	0	Oases
BAHARIYA	01	8	04	1	1	3	1	17.8	+1.0	21.0	32	+1	17	+1	74	16	0	0	0	
FARAFRA	01	8	02	1	0	3	1	17.2		21.5	33		16		74	16	0	0		
DAKHLA	00	8	00	0	0	0	–	14.8	-0.7	24.6	32	-1	21	+4	50	13	0	0		
KHARGA	00	8	02	1	0	0	–	14.6	0.0	23.2	34	0	22	+4	48	11	0	0		
SUEZ	00	7	28	2	0	0	–	17.4	+2.1	22.3	32	+1	17	-2	78	18	0	0	1	Red Sea
TOR	00	9	28	1	0	0	–	15.4	+1.6	21.0			14	-4	57	12	0	0	0	
HURGHADA	00	9	26	1	0	0	–	15		23	26		16		44	10	0	0		
QUSEIR	00	8	30	3	0	0	–	13.9	+0.5	23.3	29	-1	22	+1	43	10	0	0	0	
PORT SUDAN	01	7	32	3	1	5	8	12		35					53	24	0	0	7	
WADI HALFA																	0	0		North Sudan
KAREIMA	01	8	06	2	1	3	4	9		28					37	12	0	0	1	
ATBARA	00	7	06	2	1	1	1	9		30					40	15	0	0	1	
KHARTUM	01	7	14	1	1	4	4	8		28					35	11	0	0	2	
KASSALA	00	7	16	1	1	2	7	8		30					49	18		0	5	
WAD MEDANI																	0	5	6	Central Sudan
RENK																	0	0	25	
ROSEIRES																	0	0	17	
EL OBEID	02	8	20	3	1	8	4	9		28					49	16	0	0	9	
EL FASHER	01	7	00	0	1	3	4			25					36	6	0	0	5	
GENEINA																			4	
MALAKAL																	0	75	86	S. Sudan
WAU																	1	154	85	
JUBA																	0	67	59	

HUMIDITY — Mean of day

Station	on 18th	Diff. from normal
Alexandria	76	+8
Ezbekiya	73	+7
Giza		
Helwan	58	+5

GIZA
GRASS MINIMUM TEMP ON 19th 10.5 °C

Remarks

UPPER AIR OBSERVATIONS on 18th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT ON … AT …

Height feet	Pressure mbs.	Dry °C	Wet °C
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT — RAWINSONDE ON 19th AT 3

Pressure mbs.	Height feet	Temp °C	Humidity %	Wind DD	Wind VV
Surface		17	95	50	3
1000	480	17	95	50	3
950					
900	3440	17	45	40	20
850	5030	14	45	40	19
800	6700	11	35	40	15
700	10290	3	25	30	9
600	14320	-5		20	10
500	18950	-14		330	68
400					
300	31000	-42		280	24
250					
200	38710	-59			
150					
100					

Station	Matruh		Foud A.P		Minya	
Time	14		15		15	
Height m.	DD	VV	DD	VV	DD	VV
200	340	10	20	12	360	57?
500	320	15	20	13	10	61?
1000	320	15	20	16	40	29?
1500	330	13	10	16	360	33?
2000	320	13	360	28		
3000	340	23	10	37		
4000	350	23				
5000						
6000						
7000						
8000						

UPPER AIR OBSERVATIONS on 19th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		Farouk Airport		Almaza		Helwan		Minya		Asyut		Luxor		Aswan		Siwa	
Time	5		4		3 30				3				7		3 30				6		5		5	
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	230	20	190	8	90	4			50	13			10	4	40	5			110	9	10	5	160	5
500	250	12	220	5	90	3			50	18			50	9	20	45			160	7	60	22	160	3
1000	270	10	280	6	320	2			40	18			30	25	10	50			150	9	80	19	330	5
1500	330	12	300	12					40	17			50	18	10	49			320	10	110	3	280	5
2000			340	19					40	13			50	20					40	1	60	10		
3000			10	19					30	8														
4000			10	20					20	8														
5000									10	10														
6000									340	8														
7000																								
8000																								

Station	Bahariya		Dakhla		Kharga		Hurghada		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time			5		5 15		8																	
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			20	6	30	4	330	26																
500			30	11	50	2	320	16																
1000			50	17	50	0	320	10																
1500			50	22	40	8	80	9																
2000			10	34	70	4	270	3																
3000					20	3	200	6																
4000					260?	3	190	24																
5000							210	7																
6000																								
7000																								
8000																								

Note: All times G.M.T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

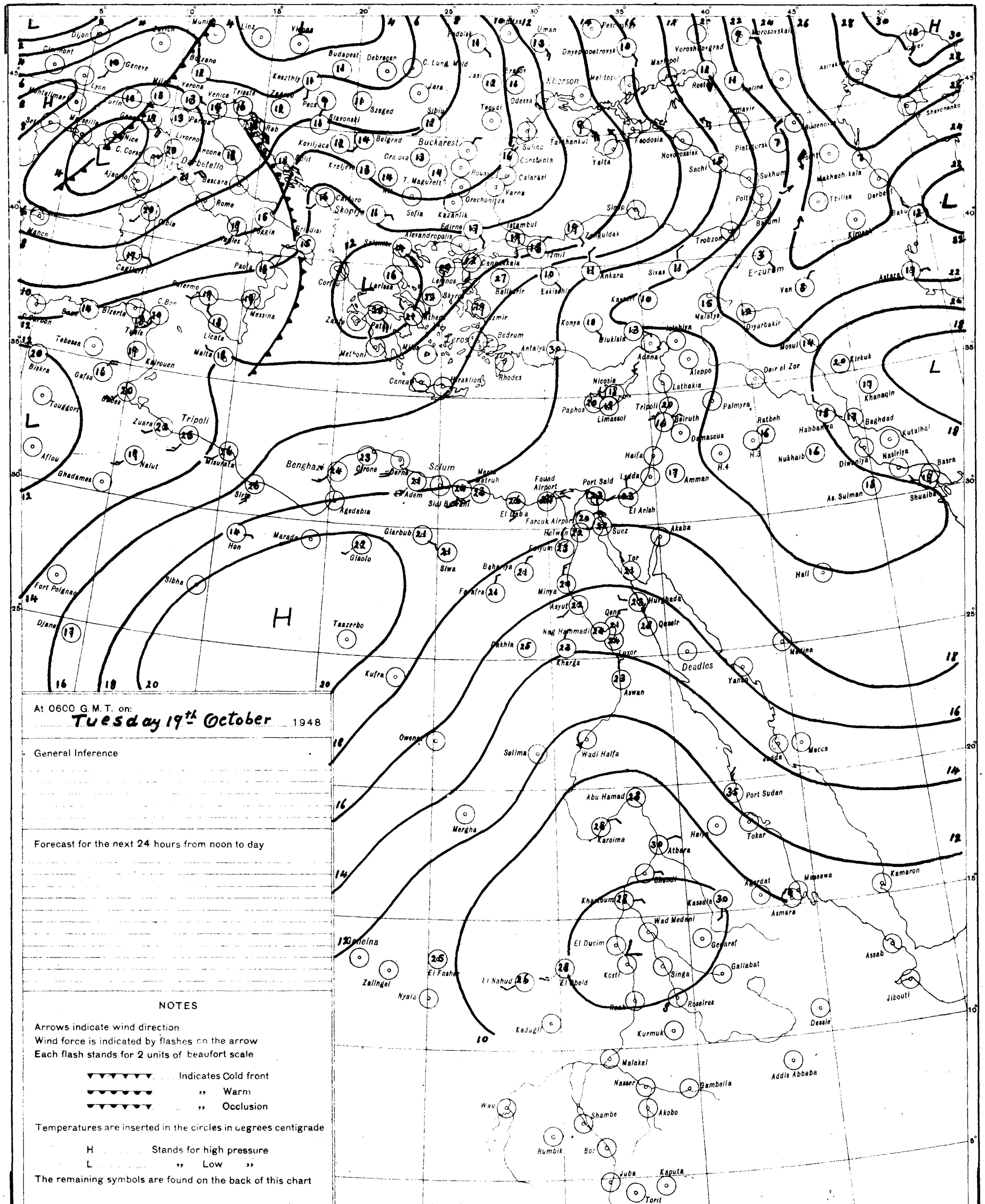
WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Printed by the Survey of Egypt 1948 (48/195)

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
Tuesday 19th October 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼ Indicates Cold front
◖◖◖◖◖◖ ,, Warm
▼◖▼◖▼◖ ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

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

The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

MAR 8 19.. WEATHER BUREAU

CAIRO
Time of Sunrise 04 00 G.M.T.
" " Sunset 15 20 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: Wednesday 20th October, 1948.

At 1200 on Tuesday 19th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARÂNI	02	9	30	2	1	8	5	16.6	29.8	31	11	0
	160	MATRÛH	00	8	05	2	1	tr	1	17	30	38	14	0
	134	EL DABA												
	132	ALEXANDRIA	01	9	04	2	2	5	1	17.5	25.0	74	20	0
	150	FOUAD (Airport)	00	7	02	1	0	2	1	17.4	26	66	19	0
	159	DAMIETTA	01	8	32	2	1	7	3	16.8	25.5	71	20	0
	161	PORT SA'ID	00	8	05	3	0	1	1	17	25	74	20	0
	135	EL 'ARISH	00	9	32	3	0	0	—	16.6	25.7	88	24	0
Lower Egypt	136	DAMANHUR	01	7	04	3	1	3	1	16.3	30.0	42	16	0
	137	MANṢURA	01	8	04	2	1	3	4	16.6	31.5	32	13	0
	138	ṬANṬA	01	8	08	2	1	3	8	16.8	31.3	38	15	0
	139	ZAGAZIG	01	6	04	2	0	7	1	16.8	30.0	41	15	0
		SHIBÎN EL KÔM	00	8	02	3	0	1	8	17.1	29.4	37	13	0
		ISMAʻILÎA	00	7	04	2	4	tr.	4	16.8	31.0	37	15	0
Cairo Area	928	FAROUK (Airport)	01	8	04	5	0	3	1	18	30	31	11	0
	141	ALMÂZA	01	8	04	3	0	3	1	14.7	31.4	24	8	0
		EZBEKÎYA	01	8	04	2	0	5	2	15.6	32.6	26	11	0
		GÎZA	01	8	04	2	0	5	2	15.5	31.0	29	11	0
	143	ḤELWÂN	01	8	02	5	1	5	1	14.8	31.0	20	6	0
Upper Egypt	153	FAIYÛM	01	8	02	2	1	3	8	14.4	31.6	23	9	0
		BENI SUEF	01	9	02	2	0	5	4	14.3	32.7	24	10	0
	162	MINYA	01	8	01	4	0	3	1	14	32	28	11	0
	155	ASYÛṬ	00	8	26	3	0	2	1	13	29	35	12	0
	164	NAGʻ ḤAMMÂDI	00	8	00	0	0	0	—		32.4	36	15	0
	156	QENA	00	8	24	2	0	0	—	11.5	33.4	36	16	0
	157	LUXOR	00	8	32	2	0	0	—	11	33	23	9	0
	158	ASWÂN	00	9	04	1	0	0	—	9.9	37.2	14	6	0
Oases	146	SIWA	00	8	24	2	0	0	—	17.5	34.6	54	24	0
	149	BAḤARÎYA	02	8	32	2	1	8	3	15.1	32.0	24	9	0
		FARAFRA												
	152	DAKHLA	00	9	32	4	0	0	—	13.8	33.3	38	17	0
	151	KHARGA	00	8	02	3	0	0	—	13.2	33.2	21	8	0
Red Sea	144	SUEZ	00	8	32	3	0	0	—	15.1	30.2	30	11	0
	145	TÔR	00	8	28	3	0	0	—	13.4	27.0	63	19	0
	163	HURGHÂDA	00	9	02	1	0	0	—	13	26	79	22	0
	147	QUSEIR	00	8	32	3	0	0	—	13.2	28.3	62	20	0
	208	PORT SÛDÂN												
North Sûdân	165	WADI ḤALFA												
	166	KAREIMA												
	167	ʻAṬBARA												
	209	KHARTÛM												
	170	KASSALA												
Central Sûdân	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S. Sûdân	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 1800 on Tuesday 19th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARÂNI	00	9	10	1	0	1	5	17.4	22.8	55	14	0
MATRÛH	00	7	14	1	0	0	—	18	20	69	14	0
EL DABA												
ALEXANDRIA	00	6	04	1	0	0	—	17.9	22.2	89	20	0
FOUAD (Airport)	00	7	05	1	0	0	—	18.3	20	94	19	0
DAMIETTA	08	4	32	2	4	0	—	17.5	22.0	86	20	0
PORT SA'ID	01	7	03	4	0	3	1	18	24	84	21	0
EL 'ARISH	00	9	32	1	0	0	—	17.2	25.0	83	22	0
DAMANHUR	01	5	04	2	1	3	1	18.3	21.6	87	20	0
MANṢURA	00	6	04	2	1	0	—	18.8	21.5	87	20	0
ṬANṬA	01	8	00	0	1	3	8	18.6	23.4	78	19	0
ZAGAZIG	01	6	32	2	0	3	1	18.2	22.0	84	19	0
SHIBÎN EL KÔM	00	7	02	2	0	0	—	18.0	22.4	66	15	0
ISMAʻILÎA	01	7	02	1	1	7	5	17.5	22.5	83	19	0
FAROUK (Airport)	02	7	04	4	0	8	1	17	24	65	17	0
ALMÂZA	01	7	04	4	0	5	1	18	24	47	12	0
EZBEKÎYA	01	7	04	2	0	3	1	18.2	23.8	62	16	0
GÎZA	01	7	04	2	0	3	1	18.3	26.0	54	16	0
ḤELWÂN	01	7	02	5	1	7	1	17.1	24.8	46	12	0
FAIYÛM	01	8	02	1	1	3	8	16.2	25.1	47	13	0
BENI SUEF	00	9	02	2	0	0	—	16.3	24.9	51	14	0
MINYA	01	7	32	2	1	5	1	16	21	65	14	0
ASYÛṬ	00	6	20	1	0	0	—	14.7	24.0	57	15	0
NAGʻ ḤAMMÂDI	00	8	00	0	0	0	—	13.1	23.0	66	16	0
QENA	00	6	24	2	0	0	—	12.8	24.6	56	16	0
LUXOR	00	7	00	0	0	0	—	12	28	40	13	0
ASWÂN	00	9	32	2	0	0	—	11.5	31.6	15	2	0
SIWA	00	6	00	0	0	0	—	18.4	28.2	50	16	0
BAḤARÎYA	01	7	32	2	1	5	4	16.6	25.5	35	9	0
FARAFRA												
DAKHLA	00	8	00	0	0	0	—	15.3	29.4	40	14	0
KHARGA	01	6	04	1	0	5	1	13.9	29.8	21	5	0
SUEZ	00		32	3	0	0	—	15.6	24.7	55	15	0
TÔR	00	8	28	1	0	0	—	14.7	23.5	66	17	0
HURGHÂDA	00	8	28	2	0	0	—	14	25	58	16	0
QUSEIR	00	8	30	1	0	0	—	13.5	24.2	66	17	0

(No entries at 1800 for Port Sûdân and the Sûdân stations.)

At 0600 on Wednesday 20th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Max. Yesterday TxTx	Max. Diff. from norm.	Min. Today TnTn	Min. Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Rainfall Total From Oct. 1	Rainfall Norm. From Oct. 1	Area
SÎDI BARÂNI	02	9	20	2	1	8	7	18.7		22.2	32		19		50	11	0			Mediterranean
MATRÛḤ	00	8	22	4	0	tr	9	19		24	34		19		34	7	0	4		
EL DABAʻ																		0		
ALEXANDRIA	47	2	12	1	4	mist	0	20.3	+3.5	19.2	28	0	19	-1	98	19	0	2	3	
FOUAD (Airport)	46	0	16	1	4	mist	0	19.7		19	28		16		95	19	0	2	4	
DAMIETTA	47	3	00	0	4	0	—	19.1	+3.3	22.4	28		17		94	21	0	0	3	
PORT SAʻID	00	7	04	2	0	tr.	1	20		25	27		22		79	12	0	0		
EL ʻARISH	00	9	00	0	0	0	—	18.3	+2.9	22.5	28	0	16	-1	88	20	0	0	2	
DAMANHÛR	40	2	04	1	4	mist	0	19.6	+3.0	18.8	31	+1	17	0	99	19	0	6	2	Lower Egypt
MANṢÛRA	08	4	04	1	4	0	—	19.9	+3.8	18.5	33	+3	16	-1	97	17	0	0	1	
ṬANṬA	40	2	00	0	4	Mist	0	19.8	+3.2	18.0	32	+2	17	+2	97	17	0	0	2	
ZAGAZIG	01	6	04	2	0	5	1	20.2	+3.6	19.8	31	+1	16	+1	93	19	0	0	1	
SHIBÎN EL KÔM	09	5	04	1	4	mist	0	19.7	+3.2	18.6	31		17		81	16	0	0		
ISMAÎLÎA	03	6	00	0	2	10	4	19.1		21.0	31		17		90	19	0	0		
FAROUK (Airport)	01	7	08	3	0	3	8	19		21	31		18		83	18	0	0		Cairo Area
ALMÂZA	01	7	06	3	0	5	6	19		21	32		18		83	18	0	0		
EZBEKÎYA	00	7	04	2	0	0	—	19.5	+3.2	20.9	33	+3	18	+1	86	19	0	0	1	
GÎZA	00	7	04	2	0	0	—	19.8	+3.3	21.8	32	+3	16	+1	84	19	0	0	1	
ḤELWÂN	09	6	30	2	0	0	—	19.0	+2.6	18.9	31	+1	16	-2	84	16	0	0	1	
FAIYÛM	00	8	32	1	0	0	—	18.2	+2.1	21.2	33	+2	16	-1	73	16	0	0	0	Upper Egypt
BENI SUEF	00	9	02	1	0	0	—	18.6		20.7	33		15		76	17	0	0		
MINYA	01	7	32	2	1	5	1	17		19	32		16		83	16	0	0		
ASYÛṬ	01	6	20	1	1	5	1	17.1	+1.9	21.3	30	0	18	+1	55	11	0	0	0	
NAGʻ ḤAMMÂDI	00	8	00	0	0	0	—	15.6	+1.4	24.4	33		16		59	15	0	0		
QENA	01	7	24	2	0	3	1	15.9	+2.2	22.0	34	0	19	+1	64	15	0	0		
LUXOR	01	8	12	2	1	5	2	15		25	35		17		45	12	0	0		
ASWÂN	00	9	32	1	0	0	—	14.7	+1.6	26.0	39	+3	22	+1	36	10	0	0		
SIWA	00	7	00	0	0	0	—	20.2	+2.4	20.8	35	+3	14	0	52	11	0	0	0	Oases
BAHARIYA	00	8	32	1	0	0	—	19.0	+2.2	21.3	33	+3	15	0	65	14	0	0	0	
FARAFRA																		0		
DAKHLA	00	8	16	1	0	0	—	16.5	-0.9	23.9	34	+1	18	+1	54	14	0	0		
KHARGA	02	6	00	0	0	5	1	16.8	+2.1	21.3	34	0	19	+1	53	11	0	0		
SUEZ																		0	1	Red Sea
TOR	00	6	00	0	0	0	1	16.5	+2.6	20.2	27	-2	14	-4	62	13	0	0	0	
HURGHADA	01	9	26	1	0	5	2	16		25	29		19				0	0		
QUSEIR	00	8	28	3	0	0	—	15.5	+2.1	26.3	29	-1	21	-2	50	15	0	0	0	
PORT SUDAN																		0	10	
WÂDI ḤALFA																		0		North Sûdân
KAREIMA	00	7	06	3	0	0	—	10		29								0	1	
ʻAṬBARA	01	7	06	3	1	5	4,3	10		31					29	11	0	0	1	
KHARṬÛM																		0	2	
KASSALA	00	8	20	1	0	tr.	2	9		32					36	15	0	0	5	
WAD MEDANI																		8	7	Central Sûdân
RENK																		0	27	
ROSEIRES																		0	18	
EL OBEIḌ	01	9	22	3	1	7	1	10		27					52	16	0	0	10	
EL FÂSHER	02	7	12	2	1	10	2			21					57	12	0	0	5	
GENEINA																			4	
MALAKAL																	0	75	58	S. Sûdân
WÂU																	10	164	90	
JUBA																	2	69	62	

HUMIDITY % Mean of day

Station	on 19th	Diff. from normal
Alexandria	91	+23
Ezbekîya	69	+3
Gîza	62	-6
Ḥelwân	50	-3

GIZA
GRASS MINIMUM TEMP
ON 20th 12.6 °C

Remarks

UPPER AIR OBSERVATIONS on 19th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA
AEROPLANE ASCENT
ON ...... At ......

Height feet	Pressure mbs.	Dry °C	Wet °C
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT
RAWINSONDE
ON 20th At 7

Pressure mbs.	Height feet	Temp °C	Humidity %	Wind DD	Wind VV
Surface		24	73	70	11
1000	540	22	75	70	11
950					
900	3540	22	35	40	26
850	5150	19	25	40	15
800	6850	15	25	30	16
700	10050	6	45	30	18
600	14570	-3		60	8
500	19230	-12		320	7
400		-25			
300	31300	-42		270	12
250					
200	40050	-54		350	28
150					
100					

Station	Matruh				Foad A.P.		Port Sad		Minya					
Time	14				15		14 15		14 45					
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	350	9			40	18	20	13	340	28				
500	320	11			40	18	40	11	350	27				
1000	340	8			20	19	40	19	360	28				
1500	300	7			10	18	70	3	40	17				
2000	340	13			360	28	140	4	70	10				
3000	360	14			20	22			40	12				
4000	320	12												
5000	310	13												
6000														
7000														
8000														

Station														
Time														
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200														
500														
1000														
1500														
2000														
3000														
4000														
5000														
6000														
7000														
8000														

UPPER AIR OBSERVATIONS on 20th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Station	SÎDI BARÂNI		MATRÛḤ		FOUAD AIRPORT		PORT SAʻÎD		FAROUK AIRPORT		ALMÂZA		ḤELWÂN		MINYA		ASYÛṬ		LUXOR		ASWÂN		SIWA	
Time	5		4				4 15		7				7 15		3 15				6				5	
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	270	22	220	10			40	9	60	16			50	26	360	35			70	5			180	0
500	280	19	200	5			60	17	50	20			20	23	20	33			10	14			140	4
1000	240	16	260	8			50	13	40	22			70	14	30	33			20	14			30	9
1500	290	16	310	16			30	32	40	17									20	3			10	12
2000	310	16	310	15			300	6	30	13									10	4			20	16
3000	320	19	320	18					30	15													10	23
4000	Ent Ns		320	31					60	8														
5000									360	8														
6000									320	10														
7000																								
8000																								

Station	BAḤARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI ḤALFA		ABU ḤAMÂD		KAREIMA		KHARṬÛM		KASSALA		EL OBEIḌ		EL FÂSHER		MALAKAL	
Time			5		5 30		8																	
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			50	3	10	15	10	12																
500			30	9	30	15	340	13																
1000			70	15	30	11	330	20																
1500			10	17	20	9	320	12																
2000					300	3	280	8																
3000							320	11																
4000																								
5000																								
6000																								
7000																								
8000																								

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Printed by the Survey of Egypt 1948 (48/195)

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G. M. T. on:
WEDNESDAY 20th OCTOBER 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼..... Indicates Cold front
▼▼▼▼▼▼..... ,, Warm
▼▼▼▼▼▼..... ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H..... Stands for high pressure
L..... ,, Low ,,
The remaining symbols are found on the back of this chart

S of E 1948(40/195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 01 G M T
" " Sunset 15 18 G M T

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

DAILY WEATHER REPORT

Date: THURSDAY 21st OCTOBER, 1948.

Form 91

MAR 8 1949 WEATHER BUREAU

At 1200 on WEDNESDAY 20th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press M.S.L. PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARANI	00	9	28	4	0	6	6	18.4	25.4	83	22	0
	160	MATRUH	00	8	32	4	0	1	4	18	27	66	20	0
	134	EL DABA	00	9	04	1	0	0	—		29.0	35	12	0
	132	ALEXANDRIA	00	9	06	2	0	0	—	18.0	25.6	69	20	0
	150	FOUAD (Airport)	00	7	01	2	4	0	—	17.7	28	58	19	0
	159	DAMIETTA	00	8	04	2	1	1	3	17.6	26.0	54	16	0
	161	PORT SAID	00	8	02	3	0	6	1	18	27	62	19	0
	135	EL ARISH	00	9	02	3	0	2	6	16.7	25.9	76	21	0
Lower Egypt	136	DAMANHUR	00	7	04	2	0	0	—	17.8	32.4	36	13	0
	137	MANSURA	00	8	02	2	0	0	—	17.4	30.8	40	16	0
	138	TANTA	00	8	04	2	1	0	—	17.5	31.0	42	17	0
	139	ZAGAZIG	00	6	32	3	0	0	—	17.4	30.0	36	13	0
		SHIBIN EL KOM	00	8	04	3	0	0	—	16.7	28.9	38	13	0
		ISMAILIA	00	7	02	2	0	0	—	17.9	31.4	30	12	0
Cairo Area	828	FAROUK (Airport)	00	8	04	4	0	0	—	16	31	29	11	0
	141	ALMAZA	00	8	04	4	0	0	—	16.3	31.1	29	11	0
		EZBEKIYA	00	8	04	2	0	0	—	16.4	31.1	37	15	0
		GIZA	00	8	04	2	0	0	—	16.6	30.3	36	13	0
	143	HELWAN	00	8	02	3	0	0	—	15.9	31.2	22	7	0
Upper Egypt	153	FAIYUM	00	8	32	2	0	0	—	15.9	31.8	26	10	0
		BENI SUEF	00	9	02	2	0	0	—	15.4	33.7	23	10	0
	162	MINYA	00	8	01	3	1	0	—	15	32	34	14	0
	155	ASYUT	00	8	22	1	1	0	—	14.7	30.2	35	13	0
	164	NAG HAMMADI	00	8	00	0	0	0	—	13.5	30.0	49	18	0
	156	QENA	01	8	24	2	1	7	3	12.8	30.4	48	18	0
	157	LUXOR	01	8	30	1	1	7	2	13	34	23	10	0
	158	ASWAN	00	9	32	1	0	0	—	11.5	36.0	14	5	0
Oases	148	SIWA	00	8	00	0	0	0	—	18.4	34.5	44	20	0
	149	BAHARIYA	00	8	32	2	0	0	—	16.0	33.3	20	7	0
		FARAFRA												
	152	DAKHLA	00	9	02	3	0	0	—	15.4	33.4	33	15	0
	151	KHARGA	01	8	04	2	0	3	4	14.3	33.5	21	9	0
Red Sea	144	SUEZ	00	8	32	3	0	0	—	14.8	30.2	36	13	0
	145	TOR	00	8	28	3	0	0	—	14.6	27.3	63	19	0
	163	HURGHADA	02	9	00	0	1	8	2	15	26	79	22	0
	147	QUSEIR	02	8	32	2	1	8	4	14.6	28.6	54	19	0
	208	PORT SUDAN												
North Sudan	165	WADI HALFA												
	166	KAREIMA												
	167	ATBARA												
	209	KHARTUM												
	170	KASSALA												
Central Sudan	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FASHER												
	179	GENEINA												
S. Sudan	176	MALAKAL												
	177	WAU												
	178	JUBA												

At 1800 on WEDNESDAY 20th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press M.S.L. PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 12-18 G.M.T. mms
SIDI BARANI	00	8	28	2	0	0	—	19.4	22.1	83	19	0
MATRUH	01	7	32	3	1	5	6	18	23	44	10	0
EL DABA	03	7	26	1	2	10	6		26.2	55	16	0
ALEXANDRIA	00	6	10	3	0	0	—	17.9	22.0	82	19	0
FOUAD (Airport)	00	7	08	2	0	0	—	18.1	21	83	18	0
DAMIETTA	08	4	32	1	4	0	—	18.4	22.2	82	19	0
PORT SAID	00	7	03	3	0	0	—	18	24	74	19	0
EL ARISH	00	9	32	1	0	0	—	16.0	24.4	80	20	0
DAMANHUR	00	6	04	2	0	0	—	18.2	21.4	78	17	0
MANSURA	00	6	04	2	0	0	—	18.6	21.8	75	17	0
TANTA	00	8	00	0	0	0	—	17.9	24.0	60?	16?	0
ZAGAZIG	00	6	32	2	0	0	—	18.2	23.2	95?	22?	0
SHIBIN EL KOM	00	7	30	2	0	0	—	17.2	22.4	70	16	0
ISMAILIA	00	7	02	1	0	0	—	17.4	21.9	81	19	0
FAROUK (Airport)	00	8	06	4	0	0	—	17	24	41	10	0
ALMAZA	00	7	04	3	0	0	—	17.3	24.4	42	12	0
EZBEKIYA	00	7	00	0	0	0	—	17.5	23.7	48	11	0
GIZA	00	7	00	0	0	0	—	17.2	24.3	45	11	0
HELWAN	00	7	02	4	0	0	—	17.2	24.7	43	11	0
FAIYUM	00	8	32	2	0	0	—	16.0	25.1	51	14	0
BENI SUEF	00	9	02	2	0	0	—	16.0	24.9	49	14	0
MINYA	00	7	32	1	0	0	—	16	21	57	12	0
ASYUT	00	6	22	1	0	0	—	15.2	24.3	51	13	0
NAG HAMMADI	00	8	00	0	0	0	—	13.6	23.4	59	15	0
QENA	01	6	24	2	1	5	3	13.0	26.0	40	11	0
LUXOR	00	7	12	1	1	0	—	13	26	30	7	0
ASWAN	00	9	32	2	0	0	—	11.9	31.0	17	3	0
SIWA	00	6	00	0	0	0	—	19.2				0
BAHARIYA	00	7	00	0	0	0	—	17.5	26.1	37	10	0
FARAFRA	00	7	30	3	0	0	—	17.2	24.3	51	13	0
DAKHLA	00	8	00	0	0	0	—	16.1	28.2	37	12	0
KHARGA	00	7	00	0	0	0	—	15.2	21.6	53	11	0
SUEZ	00		32	2	0	0	—	16.0	24.7	55	15	0
TOR	00	8	28	1	0	0	—	14.4	24.0	83	21	0
HURGHADA	01	8	00	0	2	5	2	15	25	74	20	0
QUSEIR	01	8	32	2	0	3	4	14.3	24.8	84	22	0
PORT SUDAN			04	2	1		6,4	12	29	84	26	0
WADI HALFA												
KAREIMA												
ATBARA	07	7	16	2	8	10	6,4	10	31	38	15	dr
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	02	8	04	2	1	9	4	7	31	29	11	0
EL FASHER	00	7	06	1	1	1	4		30	21	5	0
GENEINA												
MALAKAL	07	8	00	0	1	9	9,4	11	24	89	22	0
WAU	02	8	00	0	1	10	8	10	27	79	23	0
JUBA	02	8	26	1	1	10	8,4	11	21	95	21	dr.

At 0600 on THURSDAY 21st

Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs PPP	Diff. from normal mbs	Dry Bulb TT	Maximum Yesterday TxTx	Diff from norm.	Minimum Today TnTn	Diff from norm.	Humidity % UU	Dew Point °C	Rainfall Past 24 hrs	Total from Oct 1	Norm from Oct 1	Station	Area
01	9	32	4		5	6	20.0		22.7	29		21		77	19	0			SIDI BARANI	Mediterranean
01	7	04	4	1	3	6	19		23	33		21		74	18	0	4		MATRUH	
02	7	04	1	2	8	8			24.8	34				62	17	0	[0]		EL DABA	
01	9	00	0	0	3	8	17.8	+0.9	24.4	28	0	18	-2	80	20	0	2	4	ALEXANDRIA	
47	6	00	0	4	1	8	17.3		23	30		17		89	21	0	2	4	FOUAD (Airport)	
04	5	32	2	4	0	—	16.7	+0.8	23.5	27		18		86	21	0	0	4	DAMIETTA	
00	7	02	3	0	2	6	17		24	28		22		79	20	0	0		PORT SAID	
00	9	00	0	0	6	1	16.3	+0.9	24.3	27	-1	19	+2	82	21	0	0	2	EL ARISH	
08	4	02	1	4	0	—	17.8	+1.2	21.6	31	+1	17	0	96	21	0	tr	2	DAMANHUR	Lower Egypt
00	8	04	1	0	0	—	17.5	+1.4	20.8	32	+2	17	0	88	19	0	0	2	MANSURA	
42	3	00	0	4	10	8	17.9	+1.2	19.0	31	+1	15	0	98	19	0	0	2	TANTA	
01	6	32	2	6	5	8	17.8	+1.1	20.0	31	+1	16	+1	91	18	0	0	1	ZAGAZIG	
09	5	30	1	4	0	—	17.9	+1.3	18.9	32		17		80	15	0	0		SHIBIN EL KOM	
40	1	00	0	4	0	—	17.1		17.5	31		16		97	17	0	0		ISMAILIA	
01	7	08	3	2	5	4	16		21			17		88	19	0	0		FAROUK (Airport)	Cairo Area
02	7	06	5	4	8	6	16.6	+0.3	21.0			18		89	19	0	0		ALMAZA	
05	6	04	2	2	10	0	17.2	+0.9	21.0	32	+2	18	+1	87	19	0	0	1	EZBEKIYA	
05	6	04	2	2	10	0	17.2	+0.6	19.9	31	+2	15	0	86	17	[0]	0	2	GIZA	
00	7	04	3	0	tr.	0	16.4	-0.1	21.9	32	+3	17	-1	53	12	0	0	1	HELWAN	
00	8	00	0	0	0	—	16.3	+0.2	21.7	33	+2	16	-1	76	17	0	0	0	FAIYUM	Upper Egypt
00	9	02	1	0	0	—	15.8		20.8	34		13		72	16	0	0		BENI SUEF	
00	7	32	2	0	0	—	16		19	32		14		68	13	0	0		MINYA	
00	7	22	1	0	0	—	15.8	+0.5	21.8	31	+1	17	0	67	15	0	0	0	ASYUT	
00	8	00	0	0	0	—	14.2	-0.1	23.0	32		14		58	14	0	0		NAG HAMMADI	
00	7	24	2	0	0	—	14.6	+0.8	21.3	33	-1	17	-1	66	14	0	0		QENA	
00	8	00	0	0	0	—	14		24	35		16		47	12	0	0		LUXOR	
00	9	32	1	0	0	—	13.8	+0.6	25.0	37	+1	21	0	36	9	0	0		ASWAN	
00	7	04	2	0	0	—	19.6	+1.8	21.2	36	+4	14	0	50	10	0	0	0	SIWA	Oases
00	8	32	1	0	0	—	17.6	+0.7	21.0	34	+4	16	+1	61	13	0	0	0	BAHARIYA	
00	8	12	1	0	0	—	17.1		20.5	34		12		56	11	0	0		FARAFRA	
00	8	24	1	0	0	—	16.4	+0.7	22.0	34	+1	18	+1	45	9	0	0		DAKHLA	
00	8	00	0	0	0	—	15.6	+0.8	20.2	34	0	18	0	57	11	0	0		KHARGA	
00	7	32	3	0	0	—	15.6	+0.1	21.2	32	+1	19	0	88	19	0	0	1	SUEZ	Red Sea
00	8	04	2	0	0	—	14.0	-0.1	19.0	27	-2	16	-2	65	12	0	0	0	TOR	
00	9	00	0	0	0	—	14		24	26		19		44	11	0	0		HURGHADA	
00	8	24	2	0	0	—	14.2	+0.7	26.3	29	-1	21	-2	37	10	0	0	0	QUSEIR	
02	7	08	1	1	10	6,4	12		29	35		26		70	23	0	0	8	PORT SUDAN	
																	0		WADI HALFA	North Sudan
00	7	06	3	0	0	—	10		29			27		43	15		0	1	KAREIMA	
01	7	08	2	1	5	2	9		29			25		37	13	Dr.	Dr	1	ATBARA	
00	8	18	1	0	0	—	11		29			23		49	17		0	2	KHARTUM	
																0	0	5	KASSALA	
01	9	18	3	1	5	7	12		24					74	19	3	11	7	WAD MEDANI	Central Sudan
																	0	28	RENK	
																	0	19	ROSEIRES	
00	8	28	2	0	tr	4	10		28			21		19	2	0	0	10	EL OBEID	
00	8	24	1	0	0	—			24			18		26	3	0	0	6	EL FASHER	
05	6	04	4	0	0	—			23			17		15	-5	0		4	GENEINA	
										30						0	75	60	MALAKAL	S. Sudan
										31						0	164	94	WAU	
										31						0	69	65	JUBA	

HUMIDITY Mean of day

Station	on 20th	Diff from normal
Alexandria	88	+20
Ezbekiya	61	-5
Giza	59	-9
Helwan	58	+5

GIZA
GRASS MINIMUM TEMP ON 21st 11.2 °C

Remarks

UPPER AIR OBSERVATIONS on 20th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT ON 20 at 14 45

Height feet	Pressure	Dry °C	Wet °C
Surface			
500	984	30	19
1000	966	29	18
1500	949	28	18
2000	932	26	17
4000	865	20	14
6000	803	16	7
8000	744	14	2
10000	689	12	1
12000	637	9	-2
14000	589	4	-4
16000	543	-1	-6
18000			
20000			

FAROUK AIRPORT — RAWINSONDE ON 21st at 3

Pressure mbs	Height feet	Temp °C	Humidity %	Wind DD	Wind VV
Surface		18	99	90	12
1000	450	18	95	90	12
950					
900	3150	18	25	30	9
850	5100	15	35	30	19
800	6770	10	35	30	16
700	10360	1	55	40	15
600	14350	-8	45	50	4
500	18920	-16		340	15
400		-28			
300	30940	-41		350	66
250					
200	39690	-56			
150					
100					

Pilot balloon winds, 20th

Station	Matruh		Fouad A.P.	Almaza	P. Said		Minya
Time	13 45		15	15	14 15		15
Height m.	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV
200	320 11		10 7	20 18	20 15		360 35
500	310 15		350 8	40 16	20 12		360 38
1000	310 16		10 5	50 10	30 14		360 31
1500	300 12		30 3	20 15	60 4		10 22
2000	290 15		350 8	350 8	20 8		20 23
3000	300 16		350 6	90 6	30 7		10 24
4000				320 5	320 3		
5000					280 8		
6000					230 16		
7000					250 12		
8000					280 15		

Station							
Time							
Height m.	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV
200							
500							
1000							
1500							
2000							
3000							
4000							
5000							
6000							
7000							
8000							

UPPER AIR OBSERVATIONS on 21st

DD Direction of wind in degrees East of North. VV Velocity in knots.

Station	SIDI BARANI	MATRUH	FOUAD AIRPORT	PORT SAID	FAROUK AIRPORT	ALMAZA	HELWAN	MINYA	ASYUT	LUXOR	ASWAN	SIWA
Time	5	4 30		4	3	9	6 30	1 15		5 45		5
Height m.	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV
200	20 18	360 13		50 7	60 15	20 7	340 4	10 23		40 6		50 32
500	20 18	360 19		60 5	40 17	50 13	50 20	20 16		70 8		40 36
1000	20 21	360 16		80 4	30 17	40 15	40 14	20 24		70 12		50 13
1500	20 21	10 15		100 3	30 17	50 22	50 16	360 23		60 7		10 18
2000	20 30	20 15		140 2	30 14	40 16	40 18	360 16		20 21		20 34
3000		20 15			40 13	50 8	30 10			210 4		20 29
4000					40 4	40 6	40 4					
5000					300 7		360 7					
6000					340 17							
7000												
8000												

Station	BAHARIYA	DAKHLA	KHARGA	HURGHADA	WADI HALFA	ABU HAMAD	KAREIMA	KHARTUM	KASSALA	EL OBEID	EL FASHER	MALAKAL
Time		5	5 30	8							4 15	
Height m.	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV
200		360 6	10 12	330 25								
500		30 14	20 14	320 22								
1000		10 21	20 12	320 10							20 17	
1500		20 22	20 8	300 7							50 12	
2000		20 21		280 4							40 9	
3000											360 1	
4000												
5000												
6000												
7000												
8000												

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

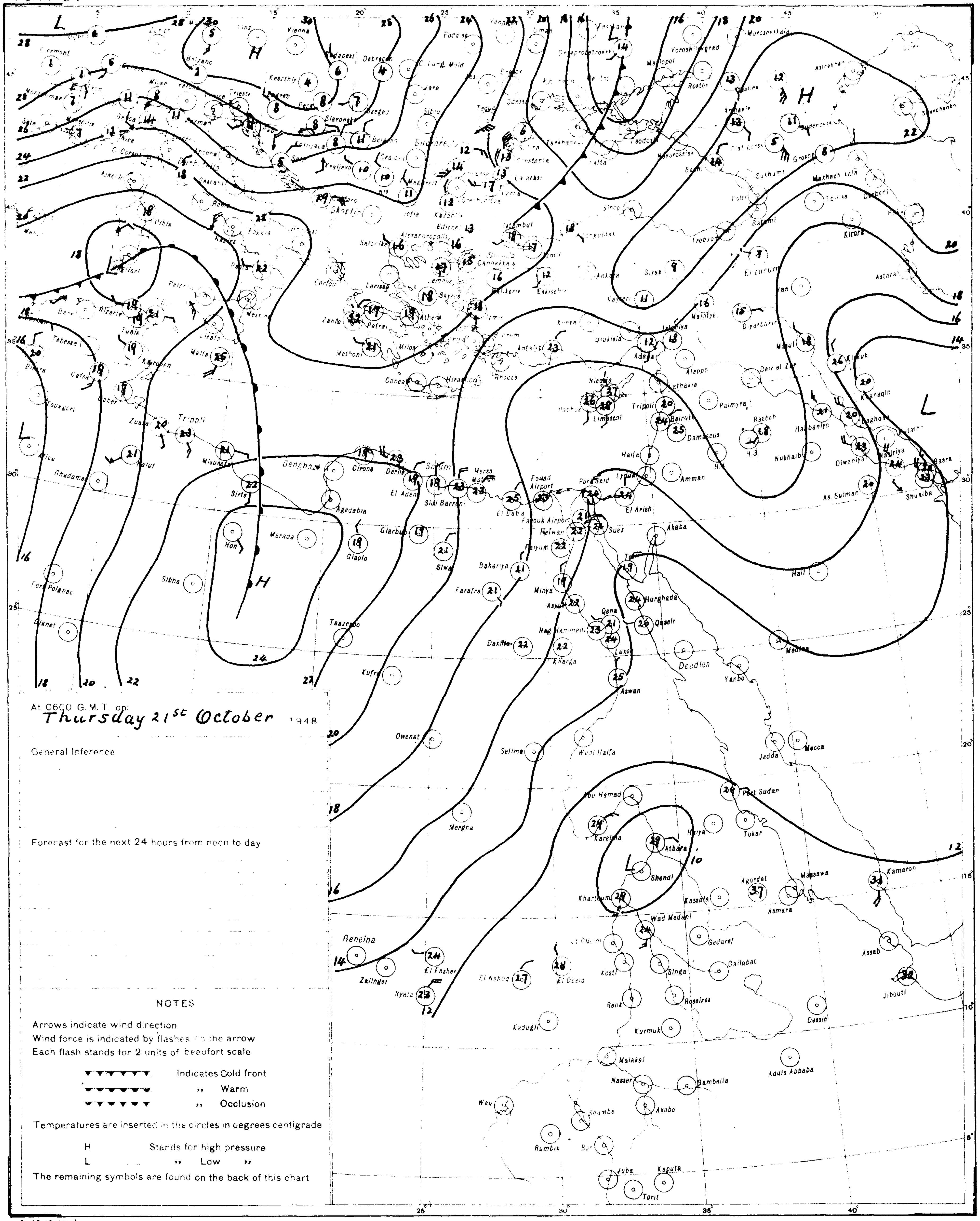
is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G. M. T. on: *Thursday 21st October* 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼	Indicates Cold front	
●●●●●●	,,	Warm
●▼●▼●▼	,,	Occlusion

Temperatures are inserted in the circles in degrees centigrade

H	Stands for high pressure
L	,, Low ,,

The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 01 G.M.T.
" " Sunset 15 17 G.M.T.

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

DAILY WEATHER REPORT

Date: FRIDAY 22ND OCTOBER, 1948.

Form 91

WEATHER BUREAU

At 1200 on THURSDAY 21ST

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 GMT mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARANI	02	9	02	4	1	8	6	19.5	25.0	68	19	0
	160	MATRÛH	01	8	04	4	1	7	6	18	24	74	19	0
	134	EL DABA	02	8	08	2	2	8	8		26.2	65	19	0
	132	ALEXANDRIA	00	9	04	2	0	0	—	16.8	25.0	73	20	0
	150	FOUAD (Airport)	00	8	01	2	0	0	—	16.4	26	70	20	0
	159	DAMIETTA	01	8	32	3	1	5	6	16.0	25.0	74	20	0
	161	PORT SAÏD	01	7	01	4	1	3	6	16	26	74	21	0
	135	EL ʿARISH	00	9	28	3	0	0	—	14.7	26.2	74	21	0
LOWER EGYPT	136	DAMANHUR	00	7	04	3	0	0	—	16.0	28.4	54	16	0
	137	MANṢURA	00	8	32	2	0	0	—	15.5	29.0	55	19	0
	138	TANTA	00	8	32	3	1	0	—	16.3	31.0	45	18	0
	139	ZAGAZIG	00	6	32	3	0	0	—	15.6	30.0	44	16	0
		SHIBÎN EL KÔM	00	8	30	3	0	0	—	15.6	30.4	35	13	0
		ISMAÏLÍA	00	6	32	2	0	0	—	14.7	28.8	52	18	0
CAIRO AREA	928	FAROUK(Airport)	00		02	3	0	0	—	14	29	37	13	0
	141	ALMÁZA	00	7	02	4	1	0	—	14.1	29.4	46	16	0
		EZBEKÍYA	00	8	04	2	0	0	—	14.3	28.7	51	18	0
		GÍZA	00	8	04	2	0	0	—	14.4	29.4	46	16	0
	143	HELWÂN	00	7	32	5	0	0	—	14.0	29.5	36	13	0
UPPER EGYPT	153	FAIYÛM	00	8	02	2	0	0	—	13.9	30.0	29	10	0
		BENI SUEF	00	9	02	2	0	0	—	13.1	32.4	33	14	0
	162	MINYA	00	8	01	4	0	0	—	13	32	26	10	0
	155	ASYÛT	00	8	20	1	0	0	—	12.7	30.0	36	13	0
	164	NAG HAMMÂDI	00	8	00	0	0	0	—	11.1	31.6	39	16	0
	156	QENA	00	8	24	2	0	0	—	10.4	31.3	33	13	0
	157	LUXOR	00	8	30	2	0	0	—	10	33	32	14	0
	158	ASWÂN	00	9	08	1	0	0	—	9.5	36.4	18	3	0
OASES	148	SIWA	00	8	02	2	0	0	—	18.6	29.4	165	22	0
	149	BAHARÍYA												
		FARAFRA	00	7	04	3	0	0	—	15.4	31.6	51	21	0
	152	DAKHLA	00	9	28	3	0	0	—	14.1	32.5	44	18	0
	151	KHARGA	00	9	04	2	0	0	—	12.3	33.2	25	10	0
RED SEA	144	SUEZ	00	8	32	3	0	0	—	16.3	28.2	51	17	0
	145	TÛR	00	8	28	2	0	0	—	13.7	28.0	63	20	0
	163	HURGHÂDA	00	9	02	2	0	0	—	13	26	79	22	0
	147	QUSEIR	00	8	04	3	0	0	—	13.0	28.0	58	19	0
	208	PORT SÛDAN												
NORTH SÛDAN	165	WADI HALFA												
	166	KAREIMA												
	167	ʿATBARA	02	7	32	3	1	8	8,4	5	37	24	13	0
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÛDAN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S. SÛDAN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 1800 on THURSDAY 21ST

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12-18 GMT mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARANI	01	9	02	3	1	5	6	19.5	22.3	63	15	0
	160	MATRÛH	01	7	04	3	1	5	6	19	22	89	20	0
	134	EL DABA	00	7	04	1	0	0	—		26.3	68	20	0
	132	ALEXANDRIA	00	5	04	3	0	0	—	17.2	23.2	78	19	0
	150	FOUAD (Airport)	00	7	02	2	0	0	—	16.8	23	74	18	0
	159	DAMIETTA	04	5	32	3	1	0	—	15.9	23.0	78	19	0
	161	PORT SAÏD	00	7	02	1	1	2	6	16	24	84	21	0
	135	EL ʿARISH	00	9	02	3	0	0	—	15.8	23.9	85	21	0
LOWER EGYPT	136	DAMANHUR	00	6	04	3	0	0	—	16.7	20.6	85	24	0
	137	MANṢURA	00	6	32	2	0	0	—	16.6	21.8	86	20	0
	138	TANTA	00	8	32	3	0	0	—	17.2	23.4	70	17	0
	139	ZAGAZIG	00	6	32	2	0	0	—	16.3	23.0	64	19	0
		SHIBÎN EL KÔM	00	7	30	2	0	0	—	17.0	23.4	63	16	0
		ISMAÏLÍA	01	6	32	1	1	7	6	15.5	22.9	82	20	0
CAIRO AREA	928	FAROUK(Airport)	01	8	04	4	0	3	6	16	23	74	18	0
	141	ALMÁZA	01	7	14	3	0	3	6	15.5	23.8	75	19	0
		EZBEKÍYA	02	7	04	1	1	8	6	16.2	23.1	77	19	0
		GÍZA	02	7	04	1	1	8	6	15.6	23.8	72	19	0
	143	HELWÂN	01	7	30	1	1	5	4	15.8	23.6	74	19	0
UPPER EGYPT	153	FAIYÛM	00	8	02	2	0	0	—	14.4	25.1	55	15	0
		BENI SUEF	00	9	02	2	0	0	—	14.0	25.1	57	16	0
	162	MINYA	00	7	32	3	0	0	—	13	24	57	15	0
	155	ASYÛT	00	8	20	1	0	0	—	12.6	24.3	58	15	0
	164	NAG HAMMÂDI	00	8	00	0	0	0	—	10.8	23.0	79	19	0
	156	QENA	00	6	24	2	0	0	—	10.6	25.4	43	11	0
	157	LUXOR												
	158	ASWÂN	00	9	32	1	0	0	—	10.0	34.0	17	6	0
OASES	148	SIWA	00	7	00	0	0	0	—	19.5	23.7	62	16	0
	149	BAHARÍYA	00	7	32	1	0	0	—	15.2	25.0	40	10	0
		FARAFRA	00	7	32	3	0	0	—	13.1	24.2	57	15	0
	152	DAKHLA	00	8	28	2	0	0	—	13.5	25.3	46	15	0
	151	KHARGA	00	6	00	0	0	0	—	12.3	28.0	26	7	0
RED SEA	144	SUEZ	00		28	2	0	0	—	14.3	24.4	66	17	0
	145	TÛR	00	8	04	2	0	0	—	12.3	24.0	83	21	0
	163	HURGHÂDA	00	8	28	1	0	0	—	13	25	74	20	0
	147	QUSEIR												
	208	PORT SÛDAN												
NORTH SÛDAN	165	WADI HALFA												
	166	KAREIMA												
	167	ʿATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÛDAN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S. SÛDAN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 0600 on FRIDAY 22ND

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. MAXIMUM Yesterday	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct 1	RAINFALL mms. Norm From Oct 1
			ww	V	DD	F	W		C	PPP		TT	T_xT_x		T_nT_n		UU				
MEDITERRANEAN	146	SIDI BARANI	00	9	02	2	0	4	6	19.4		22.8	25		21		78	19	0		
	160	MATRÛH	01	8	02	2	0	3	6	19		23	26		19		84	20	0	4	
	134	EL DABA	00	8	28	1	0	0	—			24.2					74	19	0	0	
	132	ALEXANDRIA	00	9	06	2	0	0	—	18.0	+1.1	24.6	27	-1	22	+2	73	20	0	2	4
	150	FOUAD (Airport)	00	7	02	2	0	0	—	17.2		24	28		21		74	19	0	2	4
	159	DAMIETTA	00	7	32	3	0	0	—	16.2	+0.2	24.2	26		20		81	20	0	0	4
	161	PORT SAÏD	05	6	02	3	0	0	—	16		25	27		23		79	21	0	0	
	135	EL ʿARISH	02	9	20	3	2	8	6	15.1	-0.4	24.9	28	0	19	+2	82	21	0	0	2
LOWER EGYPT	136	DAMANHUR																		4	3
	137	MANṢURA	00	8	32	2	0	0	0	16.7	+0.5	23.8	30	0	19	+2	83	21	0	0	2
	138	TANTA	00	8	32	3	0	0	—	17.4	+0.7	22.6	31	+1	16	+1	91	20	0	0	2
	139	ZAGAZIG	00	5	32	2	0	0	—	17.8	+1.1	21.2	30	0	16	+1	93	20	0	0	1
		SHIBÎN EL KÔM	09	6	36	2	4	0	—	17.6	+0.9	19.7	32		16		74	15	0	0	
		ISMAÏLÍA	04		00	0	4	0	—	15.8		23.1	29		19		81	20	0	0	
CAIRO AREA	928	FAROUK(Airport)	41	4	06	4	4	10	0	16		20	30		19		95	20	0	0	
	141	ALMÁZA	48	3	04	3	4	Mist	0	16.4	0.0	19.6	30		19		97	18	0		
		EZBEKÍYA	48	8	00	0	4	Mist	0	16.4	0.0	19.6	30	0	18	+2	95	19	0	0	1
		GÍZA	48	3	00	0	4	Mist	0	16.6	0.0	20.0	30	+1	18	+3	97	20	0	0	2
	143	HELWÂN	05	5	32	4	1	5	8	15.9	-0.7	22.6	32	+1	20	+2	77	19	0	0	1
UPPER EGYPT	153	FAIYÛM	00	8	32	2	0	0	—	15.6	-0.6	22.0	31	0	19	+2	82	19	0	0	0
		BENI SUEF	00	9	02	2	0	0	—	16.0		23.1	32		18		76	18	0	0	
	162	MINYA	01	7	02	3	1	5	6	15		21	32		19		83	18	0	0	
	155	ASYÛT	00	7	20	1	0	0	—	14.2	-1.2	21.5	31	+1	18	+1	70	16	0	0	0
	164	NAG HAMMÂDI	00	8	00	0	0	0	—	13.0	-1.4	23.1	32		15		90	22	0	0	
	156	QENA	00	7	24	2	0	0	—	13.2	-0.7	23.3	33	-1	18	0	57	14	0	0	
	157	LUXOR	00	8	00	0	0	0	—	13		23			16		44	10	0	0	
	158	ASWÂN	00	9	00	0	0	0	—	12.2	-1.1	27.0	38	+2	21	0	43	13	0	0	
OASES	148	SIWA	00	7	00	0	0	0	—	19.8	+1.6	21.0	34	+3	14	0	73	16	0	0	0
	149	BAHARÍYA	02	7	32	2	2	9	8	16.6	-0.4	21.0	32	+2	18	+3	82	18	0	0	0
		FARAFRA	00	7	02	5	0	0	—	16.7		20.0	34		16		83	17	0	0	
	152	DAKHLA	00	8	28	3	0	0	—	14.2	-1.8	22.3	33	0	20	+3	55	13	0	0	
	151	KHARGA	00	7	32	3	0	0	—	13.0	-1.6	23.2	34	+1	18	0	70	17	0	0	
RED SEA	144	SUEZ	02	6	32	2	2	8	5	16.2	+0.7	25.1	30	0	20	+1	84	22	0	0	1
	145	TÛR	00	8	04	2	0	0	—	14.4	+0.2	20.2			17	-1	78	16	0	0	0
	163	HURGHÂDA	00	8	28	3	0	0	—	14		23	26		19		74	18	0	0	
	147	QUSEIR	00	8	30	3	0	0	—	13.1	-0.5	25.4	29	-1	21	-2	55	15	0	0	0
	208	PORT SÛDAN	93	7	02	4	9	10	9	11		26					84	23	R	0	9
NORTH SÛDAN	165	WADI HALFA																		0	
	166	KAREIMA	X1	8	30	3	1	3	8,4	11		27					42	13		0	1
	167	ʿATBARA	00	8	20	2	1	1	4	10		26					58	17		du.	1
	209	KHARTÛM	00	8	14	3	1	1	1	10		25					61	17		0	2
	170	KASSALA	02	9	16	1	5	10	4,5	11									R	0	5
CENTRAL SÛDAN	171	WAD MEDANI																		11	7
	182	RENK																		0	30
	172	ROSEIRES																		0	20
	174	EL OBEID	00	8	16	4	0	0	—	10		24					69	18		0	11
	175	EL FÂSHER	00	7	00	0	0	0	—			21					28	2		0	6
	179	GENEINA	05	6	06	2	0	0	—			19					24	-2			4
S. SÛDAN	176	MALAKÂL																		75	62
	177	WÂU																		164	98
	178	JUBA																		69	68

HUMICITY

Mean of day

STATION	on 21 ST	Diff. from normal
Alexandria	77	+9
Ezbekîya	76	+10
Gîza	73	+5
Helwân	58	+5

GIZA GRASS MINIMUM TEMP

ON 22ND 14.0 °C

Remarks

UPPER AIR OBSERVATIONS on 21ST

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT

ON ___ AT ___

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C
SURFACE			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT RAWINSONDE

ON 22ND AT 3

PRESSURE mbs.	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		19	95	360	3
1000	430	19	95	360	3
950					
900	3390	17	15	360	8
850	4970	15		80	10
800	6650	12		110	9
700	10240	2	25	140	17
600	14240			130	10
500					
400					
300					
250					
200					
150					
100					

STATION	Matruh				Fouad AP		Almaza		P. Said				Minya	
TIME	14 30				15		14 15		14 45				15	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	20	19			330	11	20	19	20	19			360	40
500	20	16			10	10	20	13	30	22			10	36
1000	20	19			360	8	30	18	30	22			20	35
1500					340	10	50	11	90	11			20	26
2000					300	6	60	12	40	9			50	11
3000					10	10	70	7	60	5				
4000														
5000														
6000														
7000														
8000														

STATION														
TIME														
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200														
500														
1000														
1500														
2000														
3000														
4000														
5000														
6000														
7000														
8000														

UPPER AIR OBSERVATIONS on 22ND

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARANI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÁZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME	5		4 15				4		3		9				3								5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	10	11	10	10			20	23	30	11	30	20			10	31							70	15
500	30	12	20	14			30	26	20	5	70	23			10	33							70	9
1000	40	13	40	13					60	4	50	30			10	31							50	10
1500	40	16	40	10					80	9	40	9			10	31							100	13
2000	30	27							110	8	10	7											80	15
3000	30	36							140	14													50	17
4000									130	10														
5000									70	9														
6000									50	19														
7000																								
8000																								

STATION	BAHARÍYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME			7		6 15		8						3 30											
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			340	11	10	11	340	16					250	5										
500			360	10	40	13	330	15					250	5										
1000			20	19	40	16	320	16					260	5										
1500			40	17	10	3	250	21					290	8										
2000			30	19			240	7					320	10										
3000							210	10					340	15										
4000																								
5000																								
6000																								
7000																								
8000																								

Note: All times G. M. T.

Printed by the Survey of Egypt 1948 (48/195)

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

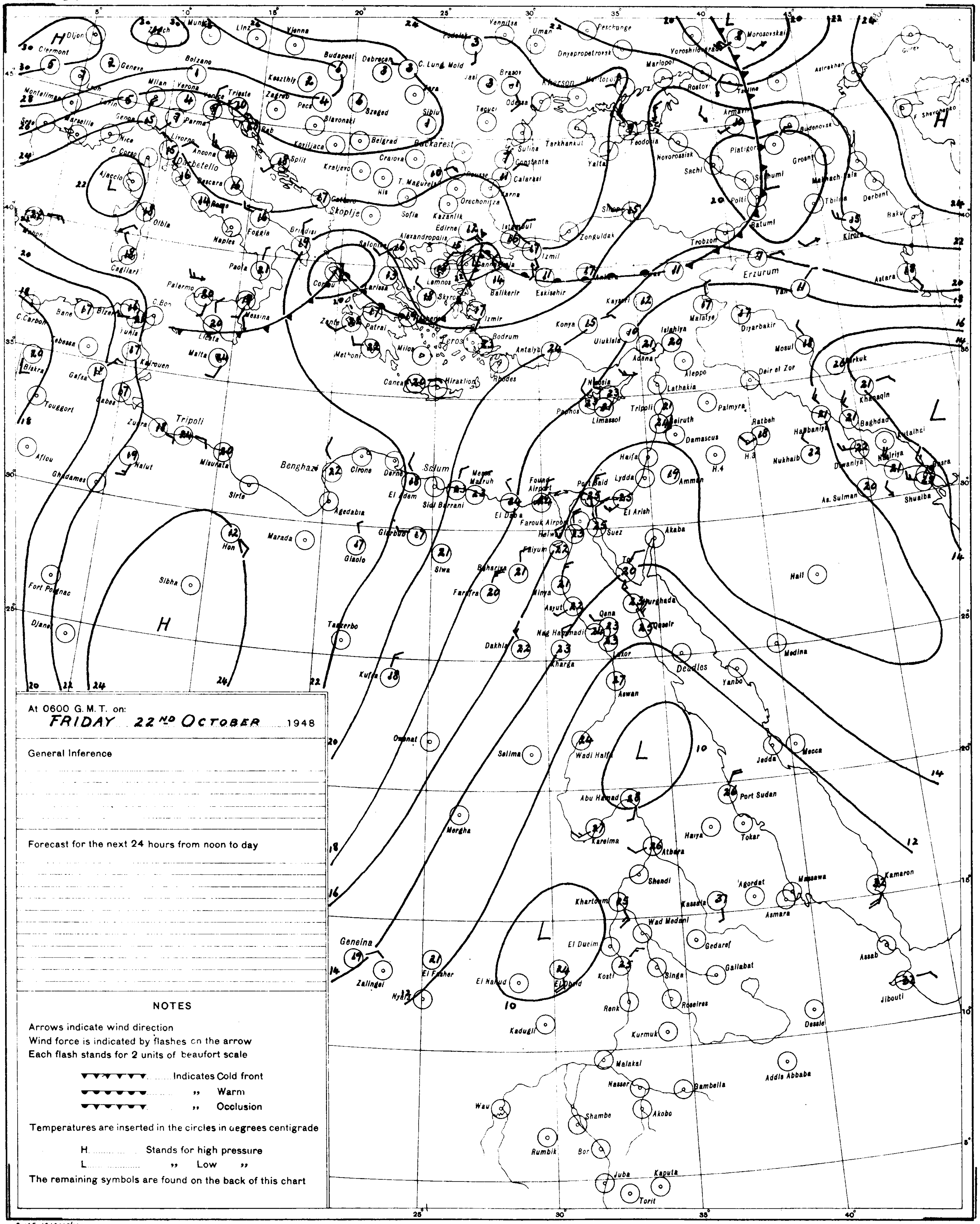
	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
FRIDAY 22ND OCTOBER 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

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

Temperatures are inserted in the circles in degrees centigrade

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

The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

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CAIRO
Time of Sunrise ..04 02.. G.M.T.
" " Sunset ..15 16.. G.M.T.

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

DAILY WEATHER REPORT

Date : SATURDAY 23rd OCTOBER , 1948.

Form 91

At 1200 on FRIDAY 22 nd

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARANI	33	9	30	3	0	0	-	18.3	24.5	72	19	0
	160	MATRÛH	00	8	02	3	0	0	-	17	25	74	20	0
	134	EL DABA	00	8	26	2	0	0	-	16.8	25.2	69	19	0
	132	ALEXANDRIA	00	9	32	3	0	0	-	15.6	25.0	76	19	0
	150	FOUAD (Airport)	00	7	02	3	0	0	-	15.4	26	62	18	0
	159	DAMIETTA	00	8	32	3	0	0	-	15.6	26.8	59	18	0
	161	PORT SAÏD	00	7	01	3	0	0	-	15	27	70	21	0
	135	EL ARISH	00	9	28	4	0	0	-	15.1	25.6	66	19	0
LOWER EGYPT	136	DAMANHUR	00	7	04	3	0	0	-	15.6	29.4	38	14	0
	137	MANSURA	00	8	04	2	0	0	-	15.0	30.8	42	16	0
	138	TANTA	01	8	32	3	0	0	-	14.3	31.0	44	17	0
	139	ZAGAZIG	00	6	32	3	0	0	-		30.1	35	13	0
		SHIBÎN EL KÔM	00	8	02	3	0	0	-	15.5	32.2	32	13	0
		ISMAÏLÍA	00	6	02	2	0	0	-	14.8	30.7	34	13	0
CAIRO AREA	928	FAROUK(Airport)	00	8	02	4	0	0	-	13	31	31	12	0
	141	ALMAZA	00	8	04	4	0	0	-	13.2	31.3	34	15	0
		EZBEKÍYA	00	8	02	2	0	0	-	13.4	31.2	32	14	0
		GÎZA	00	8	02	2	0	0	-	13.5	30.7	33	12	0
	143	HELWÂN	00	7	02	6	0	0	-	12.6	31.4	27	10	0
UPPER EGYPT	153	FAIYÛM	00	8	02	2	0	0	-	13.6	30.7	32	15	0
		BENI SUEF	00	7	02	2	0	0	-	14.0	32.7	24	10	0
	162	MINYA	00	8	32	2	0	0	-	13	31	46	18	0
	155	ASYÛT	00	8	26	1	0	0	-	11.9	29.3	44	15	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	10.2	31.0	44	17	0
	156	QENA	00	8	24	2	0	0	-	9.2	33.4	40	18	0
	157	LUXOR	00	8	30	3	0	0	-	9	33	34	15	0
	158	ASWÂN	01	9	30	1	1	3	1	8.3	34.7	17	08	0
OASES	148	SIWA	00	8	00	0	0	0	-	17.6	32.4	52	21	0
	149	BAHARÍYA	00	8	04	2	1	0	-	13.8	32.0	28	11	0
		FARAFRA												
	152	DAKHLA	00	9	30	3	0	0	-	12.1	28.4	49	16	0
	151	KHARGA	00	9	32	2	0	0	-	10.3	31.9	23	08	0
RED SEA	144	SUEZ	00	8	32	2	0	0	-	12.6	29.1	46	16	0
	145	TÛR	00	8	28	2	0	0	-	11.9	25.8	73	20	0
	163	HURGHÂDA	00	8	02	1	0	0	-	12	26	89	24	0
	147	QUSEIR	00	8	02	2	0	0	-	11.3	27.3	65	20	0
	208	PORT SÛDAN												
NORTH SÛDAN	165	WADI HALFA												
	166	KAREIMA												
	167	ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÛDAN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S SÛDAN	176	MALAKAL												
	177	WÂU												
	178	JUBA												

At 1800 on 22 nd

STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
	ww	V	DD	F	W		C	PPP	TT	UU		
SIDI BARANI	00	9	22	1	0	0	-	18.2	22.5	83	17	0
MATRÛH	00	7	01	3	0	0	-	18	22	89	20	0
EL DABA	00	7	04	2	0	0	-		24.6	82	22	0
ALEXANDRIA	00	5	32	2	0	0	-	16.3	23.0	74	18	0
FOUAD (Airport)	00	7	32	1	0	0	-	15.7	23	78	19	0
DAMIETTA	00	6	28	1	0	0	-	15.0	22.4	88	20	0
PORT SAÏD	00	7	32	3	0	0	-	15	24	84	21	0
EL ARISH	00	9	28	3	0	0	-	14.7	24.3	82	21	0
DAMANHUR	00	7	04	2	0	0	-	15.6	21.6	79	18	0
MANSURA	00	6	04	2	0	0	-	15.2	22.2	79	18	0
TANTA	00	8	00	0	0	0	-	15.6	23.7	85	17	0
ZAGAZIG	00	6	24	2	0	0	-		22.3	80	18	0
SHIBÎN EL KÔM	00	7	02	2	0	0	-		24.2	63	17	0
ISMAÏLÍA	00	8	02	2	0	0	-	15.4	23.0	74	18	0
FAROUK(Airport)	00	7	06	4	0	0	-	15	24	65	17	0
ALMAZA	00	7	04	3	0	0	-	14.2	24.0	60	16	0
EZBEKÍYA	00	7	00	0	0	0	-	14.8	22.5	65	15	0
GÎZA	00	7	00	0	0	0	-	14.7	22.0	66	15	0
HELWÂN	00	7	30	3	0	0	-	14.0	25.0	54	15	0
FAIYÛM	00	8	32	2	0	0	-	13.0	25.3	48	13	0
BENI SUEF	00	7	02	2	0	0	-	14.3	24.1	51	13	0
MINYA	00	8	32	2	0	0	-	12	23	57	14	0
ASYÛT	00	7	18	1	0	0	-	12.2	24.0	67	17	0
NAG' HAMMÂDI	00	8	00	0	0	0	-	10.3	22.7	83	19	0
QENA	00	6	24	2	0	0	-	10.6	23.6	51	13	0
LUXOR	00	8	06	2	0	0	-	10	28	29	08	0
ASWÂN	00	9	00	0	0	0	-	8.0	31.0	27	09	0
SIWA	00	6	00	0	0	0	-	12.2	23.5	65	17	0
BAHARÍYA	00	7	03	3	0	0	-	14.3	26.0	44	13	0
FARAFRA												
DAKHLA	00	8	28	2	0	0	-	12.4	27.1	51	16	0
KHARGA	00	7	00	0	0	0	-	12.0	26.0	35	09	0
SUEZ	00		28	3	0	0	-	13.6	24.2	69	18	0
TÛR	00	8	28	1	0	0	-	13.0	24.5	89	22	0
HURGHÂDA	00	8	26	1	0	0	-	12	25	79	21	0
QUSEIR	00	8	30	2	0	0	-	11.6	24.6	51	14	0
PORT SÛDAN												
WADI HALFA												
KAREIMA	00	8	00	0	0	0	-	8	31	31	12	0
ATBARA	00	8						8	29	46	16	0
KHARTÛM	00	6	00	0	0	0	-	8	30	46	17	0
KASSALA	95	6	10	3	9	10	-8				18	R
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	07	8	32	3	1	3	9		30	25	08	0
EL FÂSHER	00	8	08	2	0	0	-		25	42	11	0
GENEINA	00	8	30	2	0	0	-		25	21	1	0
MALAKAL	00	8	00	0	2	1	8	10	24	84	21	0
WÂU	28	8	00	0	9	10	4	10	22	94	21	R
JUBA	07	8	26	1	1	5	6	9	26	79	22	0

At 0600 on SATURDAY 23 rd

STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	TEMPERATURE °C. MAXIMUM Yesterday	MAXIMUM Diff. from norm.	MINIMUM Today	MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. from Oct. 1
	ww	V	DD	F	W		C	PPP		TT	T_xT_x		T_nT_n		UU				
SIDI BARANI	01	7	20	2	0	5	8	16.8		20.5	25		16		92	19	0		
MATRÛH	00	8	28	2	0	0		16.6		23.2	26				74	18	0	4	
EL DABA	00	8	28	2	0	0	-	15.2		23.2	26				73	18	0	0	
ALEXANDRIA	01	9	30	2	1	5	8	15.5	-1.1	24.0	27	-1	21	+2	77	20	0	2	4
FOUAD (Airport)	01	8	24	2	0	3	6	15.2		24	28		16		79	20	0	2	
DAMIETTA	04	5	18	1	0	0	-	14.7	-1.3	20.4	27		15		93	19	0	0	4
PORT SAÏD	00	7	28	2	0	0	-	15		24	28		22		79	20	0	0	
EL ARISH	00	9	12	3	0	0	-	15.0	-0.6	23.9	28	0	18	+1	80	20	0	0	3
DAMANHUR	41	4	24	1	4	0		15.8	-0.4	18.8	30	0	16	-1	92	17	0	6	3
MANSURA	00	8	32	1	0	0	-	15.4	-0.8	20.8	31	+1	12	0	88	19	0	0	2
TANTA	40	2	00	0	4	Fog	0	16.2	-0.4	18.4	31	+1	14	-1	96	17	0	0	2
ZAGAZIG	40	2	24	2	4	Fog	0	16.4	-0.4	17.2	31	+1	16	+1	98	17	0	0	1
SHIBÎN EL KÔM	43	6	04	2	4	Fog	0	16.5	-0.2	18.6	33		17		83	16	0	0	
ISMAÏLÍA	43	5	00	0	4	0		15.0		19.6	31		18		96	19	0	0	
FAROUK(Airport)	45	5	02	1	4	10	6	15		19	32						0	0	
ALMAZA	44	2	06	1	4	Fog	0	16.4	-1.0	19.0	32		18		98	19	0	0	
EZBEKÍYA	48	3	00	0	4	Fog	0	15.6	-0.8	19.2	32	+3	18	+1	97	18	0	0	1
GÎZA	48	3	00	0	4	Fog	0	15.5	-1.2	19.0	31	+2	17	+2	99	19	0	0	2
HELWÂN	00	6	32	1	0	2	8	15.4	-1.2	19.5	32	+3	17	+	85	17		0	1
FAIYÛM	02	8	32	2	2	10	6	15.8	-0.4	20.4	32	+1	19	+2	87	18	0	0	0
BENI SUEF	02	9	02	3	0	8	6	15.4		19.8	33		17		86	18		0	
MINYA	30	7	01	4	0	2	6	14		20	31		18		83	17	0	0	
ASYÛT	00	7	20	1	0	0	-	13.9	-1.5	22.0	30	+	18	+1	74	17	0	0	0
NAG' HAMMÂDI	00	8	00	0	0	0	-	12.7	-1.8	23.6	32		14		66	17	0	0	
QENA	00	7	28	1	0	0	-	12.0	-0.9	21.0	34	+2	12	0	55	12	0	0	
LUXOR	00	8	00	0	0	0	-	11.8		24	34		15		58	09	0	0	
ASWÂN	01	9	28	1	1	3	4	12.3	-1.1	27.0	38	+2	21	+1	43	13	0	0	
SIWA	00	7	04	0	0	0	-	18.3	+0.4	20.0			14	0	66	13	0	0	0
BAHARÍYA	00	8	03	1	0	0	-	16.3	-0.7	18.5	32	+2	15	0	80	14	0	0	0
FARAFRA																		0	
DAKHLA	00	8	28	4	0	0	-	13.7	-0.2	23.0	31	-2	18	+1	60	15	0	0	
KHARGA	00	7	02	1	0	0	-	13.4	+1.5	21.5	33	0	18	0	56	13	0	0	
SUEZ	02	6	32	2	2	9	6	15.6	0.0	20.9	32	+2	20	+1	92	20	0	0	1
TÛR	00	8	04	1	0	0	-	12.6	-1.7	21.3			16	-2	78	16	0	0	0
HURGHADA	00	9			0	0	0	12		24	27		18		36	08	0	0	
QUSEIR	03	8	28	2	2	10	6	12.6	-1.1	25.0	28	-2	22	-1	41	11	0	0	0
PORT SUDAN	00	9	00	0	1	6	4.1	11		26			22		58	17	18	18	9
WADI HALFA																		0	
KAREIMA	00	8	01	1	0	0	-	10		26	36				32	08	0	0	1
ATBARA	00	8	00	0	0	0	-	11		27	36		23		55	17		0	1
KHARTÛM	00	8	16	2	1	1	4	11		27	35		23		66	20	3	3	3
KASSALA	00	8	00	0	1	0	-	12		24	33		21		74	19	2	2	6
WAD MEDANI																		11	8
RENK																		0	31
ROSEIRES																		0	21
EL OBEID	00	8	21	2	0	0	-	11		26	36		21		58	17	0	0	11
EL FÂSHER	02	8	00	0	1	10	4			25	34		22		89	23	0	0	6
GENEINA											34								4
MALAKAL											30							75	64
WÂU	02	8	00	0	8	10	4	11		23	32		22		89	21	38	202	101
JUBA	01	8	24	1	1	5	4.4	13		24	32		24		84	21	6	75	71

HUMIDITY

Mean of day

STATION	on 22 nd	Diff. from normal
Alexandria	72	+4
Ezbekîya	74	+8
Giza	76	+8
Helwân	60	+7

GIZA
GRASS MINIMUM TEMP
ON 23 rd 12.2 °C

Remarks

UPPER AIR OBSERVATIONS on 22 nd

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT — ON 22 nd AT 14 30

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C
SURFACE	1004	29	21
500	986	28	19
1000	968	27	18
1500	951	27	18
2000	934	24	17
4000	867	18	14
6000	804	18	7
8000	746	16	4
10000	690	12	2
12000	639	5	-1
14000	590	3	-2
16000	544	-2	-4
18000			
20000			

FAROUK AIRPORT — RAWINSONDE — ON 23 rd AT 6

HEIGHT FEET	PRESSURE mbs.	TEMP °C	HUMIDITY %	WIND DD VV
SURFACE				
1000				
950				
900	3430	19	15	
850	5030	15	15	
800	6700	12	15	
700	10310	3	25	
600	14120	-6	25	
500	18910	-16	25	
400				
300	30?0	-41	-	
250				
200				
150				
100				

STATION	ALMAZA		FOUAD A.P.		Minya		MATRUH		PORT SAID	
TIME	13		15		15		12 MS		14	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	40	13	360	11	350	33	340	16	20	15
500	40	18	350	13	350	40	340	15	30	16
1000	40	18	350	12	360	35	340	11	20	17
1500	80	5	350	16	20	15	300	10	10	16
2000	110	2	340	24	860	30	300	8		
3000	160	3	10	28			30	22		
4000							20	16		
5000										
6000										
7000										
8000										

STATION	MINYA	
TIME	15	
HEIGHT m.	DD	VV
200	350	33
500	350	40
1000	360	35
1500	20	15
2000	360	30
3000		
4000		
5000		
6000		
7000		
8000		

UPPER AIR OBSERVATIONS on 23 rd

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARANI		MATRÛH		FOUAD AIRPORT		PORT SAID		FAROUK AIRPORT		ALMAZA		HELWAN		MINYA		ASYÛT		LUXOR		ASWAN		SIWA	
TIME	5				3	15	4				9		7		3				6	15	5		5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	280	12			320	9	350	6			360	5	330	3	360	40			30	8	60	7	20	10
500	300	10			330	9	320	5			10	8	20	12	20	38			80	13	100	13	20	11
1000	320	8			330	10	320	5			20	8	30	12	50	22			90	14	90	10	10	15
1500					100	2	310	9			360	1	40	12	30	15			70	6	90	3	20	13
2000					10	10	330	3			340	15	350	7	340	22			290	3	60	3	10	18
3000							330	3			350	13							360	2			10	13
4000											360	10							130	1				
5000											320	5							130	12				
6000																								
7000																								
8000																								

STATION	BAHARIYA		DAKHLA		KHARGA		HURGHADA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME			5		5	30	8																	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			330	16	10	13	60	18																
500			350	12	30	22	30	17																
1000			10	23	30	22	40	13																
1500			360	27			10	6																
2000			340	49			190	12																
3000							220	12																
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G.M.T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

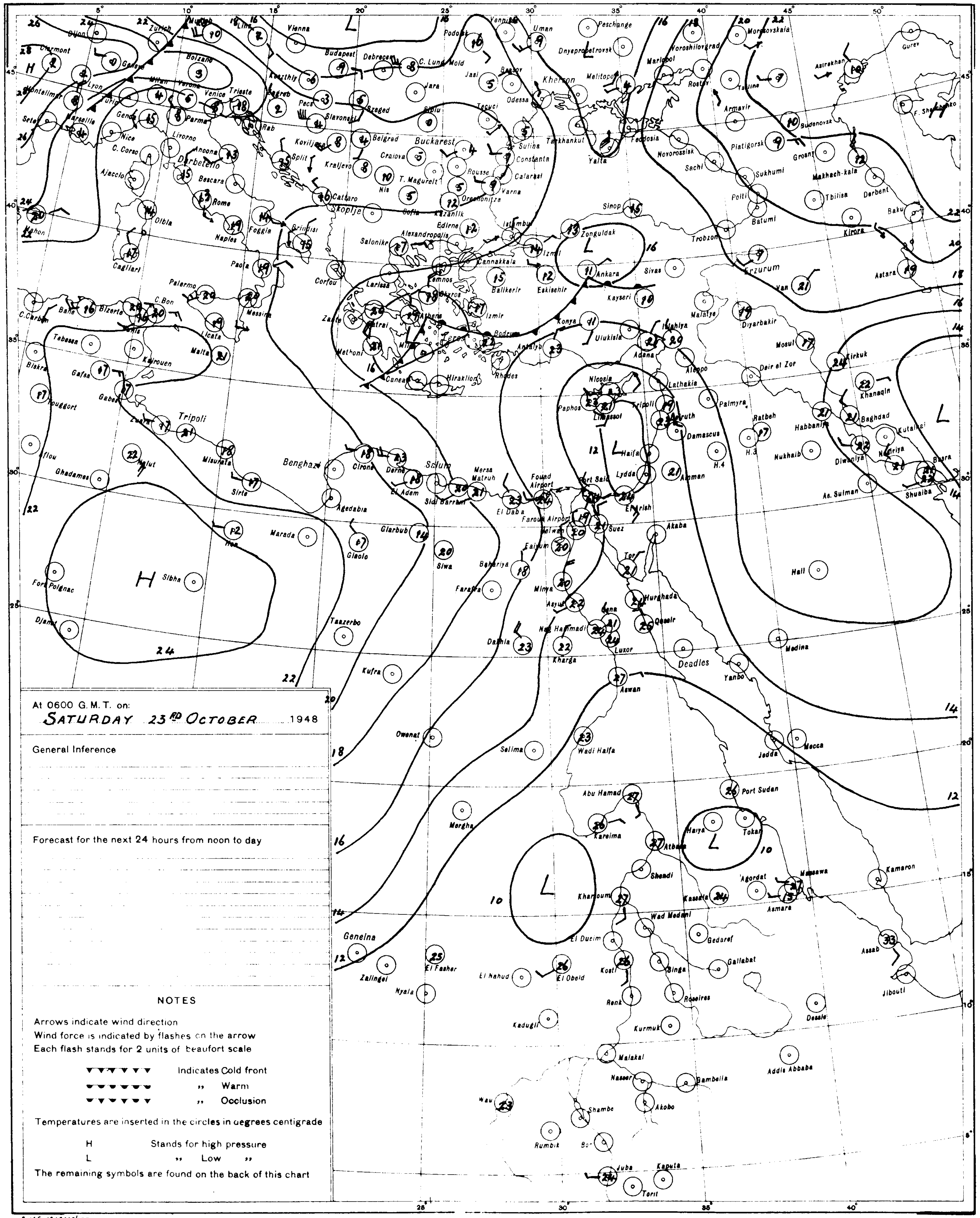
WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

as on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Form 91 ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:

SATURDAY 23RD OCTOBER 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼ Indicates Cold front
▼▼▼▼▼▼ ,, Warm
▼▼▼▼▼▼ ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

LIBRARY MAR 8 194[illegible] WEATHER BUREAU

CAIRO
Time of Sunrise 04 03 G.M.T.
" " Sunset 15 15 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: SUNDAY 24th OCTOBER, 1948.

At 1200 on SATURDAY 23rd

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARÂNI	00	7	29	3	0	1	8	15.2	24.8	77	21	0
	160	MATRÛH												
	134	EL DABA	00	9	28	2	0	0	-		25.0	70	19	0
	132	ALEXANDRIA	00	9	28	2	0	0	-	14.0	25.9	63	18	0
	150	FOUAD (Airport)	00	7	30	3	0	0	-	13.3	26	62	18	0
	159	DAMIETTA	00	8	30	3	0	0	-	13.2	25.5	67	19	0
	161	PORT SA'ID	00	7	32	2	0	0	-	14	25	74	20	0
	135	EL 'ARISH	00	9	28	4	0	0	-	13.6	25.1	74	20	0
Lower Egypt	136	DAMANHUR	00	7	04	2	0	0	-	13.6	28.4	40	13	0
	137	MANSURA	01	8	32	2	1	3	8	13.1	29.8	42	16	0
	138	TANTA	00	8	28	1	1	0	-	14.4	30.0	45	17	0
	139	ZAGAZIG	00	6	24	2	0	0	-	13.9	28.0	51	17	0
		SHIBÎN EL KÔM	00	8	04	3	0	0	-	13.9	30.9	41	16	0
		ISMAÎLÎA	00	7	30	1	0	0	-	14.2	30.2	40	15	0
Cairo Area	928	FAROUK (Airport)												
	141	ALMÂZA	00	7	30	2	0	0	-	13	28	45	15	0
		EZBEKÎYA	00	8	32	2	0	0	-	13.4	27.4	52	16	0
		GÎZA	00	8	32	2	0	0	-	13.4	27.1	49	15	0
	143	HELWÂN	00	6	28	3	0	0	-	12.6	28.0	30	08	0
Upper Egypt	153	FAIYÛM	00	8	02	2	0	0	-	12.4	30.2	29	10	0
		BENI SUEF	00	9	02	2	0	0	-	12.2	31.7	27	11	0
	162	MINYA	00	8	01	4	0	0	-	12	30	35	13	0
	155	ASYÛT	00	8	22	1	0	0	-	11.6	29.5	41	15	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	9.9	32.4	43	18	0
	156	QENA	00	8	24	2	0	0	-	9.6	34.0	30	14	0
	157	LUXOR	00	8	28	1	0	2	8	9	33	32	14	0
	158	ASWÂN	02	9	00	0	1	8	4	8.4	35.4	25	12	0
Oases	148	SIWA	00	8	28	20	0	0	-	17.2	30.0	50	18	0
	149	BAHARÎYA	01	8	32	1	1	3	4	13.6	30.3	24	07	0
		FARAFRA	00	7	03	2	0	1	4	14.4	31.1	50	19	0
	152	DAKHLA	00	8	28	5	0	0	-	10.9	31.4	46	18	0
	151	KHARGA	00	8	02	2	0	0	-	10.3	32.9	19	06	0
Red Sea	144	SUEZ	00	8	32	2	0	0	-	12.5	28.8	29	09	0
	145	TÔR	00	8	04	1	0	0	-	12.1	25.1	69	19	0
	163	HURGHÂDA	01	9	03	1	0	3	2	12	27	70	21	0
	147	QUSEIR	03	8	08	3	2	10	5	12.4	27.0	60	19	0
	208	PORT SÛDÂN												
North Sûdân	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA												
	209	KHARTÛM												
	170	KASSALA												
Central Sûdân	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FÂSHER												
	179	GENEINA												
S. Sûdân	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 1800 on 23rd

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-16 G.M.T. mms
SIDI BARÂNI	01	9	28	3	0	5	9	15.0	22.7	83	20	0
MATRÛH	00	7	30	2	0	1	6	14	22	89	20	0
EL DABA	00	8	32	1	0	0	-		22.3	59	13	0
ALEXANDRIA	00	5	00	0	0	0	-	14.2	23.0	66	16	0
FOUAD (Airport)	00	7	31	1	0	0	-	13.9	22	78	18	0
DAMIETTA	00	6	28	1	0	0	-	13.2	21.2	91	20	0
PORT SA'ID	00	7	01	2	0	0	-	14	23	84	20	0
EL 'ARISH	00	9	28	3	0	0	-	13.1	22.8	86	20	0
DAMANHUR	00	7	04	2	0	0	-	13.6	20.4	83	17	0
MANSURA	00	6	32	1	1	0	-	13.8	22.0	80	18	0
TANTA	00	8	00	0	0	0	-	13.7	23.0	74	18	0
ZAGAZIG	00	6	24	2	0	0	-	13.6	19.2	93	18	0
SHIBÎN EL KÔM	00	7	04	2	0	0	-	14.3	[illegible]	67	16	0
ISMAÎLÎA	00	7	02	1	0	0	-	13.1	23.8	69	18	0
FAROUK (Airport)												
ALMÂZA	00	7	00	0	0	0	-	13.2	23.4	53	14	0
EZBEKÎYA	00	7	02	1	0	0	-	13.6	20.9	69	15	0
GÎZA	00	7	02	1	0	0	-	13.6	20.2	74	16	0
HELWÂN	00	6	32	3	0	0	-	13.2	24.7	43	11	0
FAIYÛM	00	8	32	1	0	0	-	12.4	22.7	54	13	0
BENI SUEF	00	9	02	1	0	0	-	13.1	21.3	64	14	0
MINYA	00	7	00	0	0	0	-	13	20	64	13	0
ASYÛT	00	6	20	1	0	0	-	12.6	23.2	60	15	0
NAG' HAMMÂDI	00	8	00	0	0	0	-	10.6	22.7	74	18	0
QENA	00	6	24	2	0	0	-	10.3	24.4	49	13	0
LUXOR	00	7	32	1	0	0	-	10	27	40	12	0
ASWÂN	00	9	00	0	0	0	-	9.5	30.6	28	10	0
SIWA	00	7	00	0	0	0	-	15.8	22.5	63	17	0
BAHARÎYA	00	7	32	1	1	0	-	14.0	24.3	41	10	0
FARAFRA	00	7	28	2	0	0	-	13.2	22.5	34	05	0
DAKHLA	00	8	28	2	0	0	-	12.3	27.4	54	17	0
KHARGA	00	7	00	0	0	0	-	11.1	26.5	34	07	0
SUEZ	00		00	0	0	0	-	12.0	23.4	46	11	0
TÔR	00	8	16	1	0	0	-	11.0	25.2	84	22	0
HURGHÂDA	01	8	02	1	0	3	4	14	25	84	22	0
QUSEIR	01	8	30	2	1	5	4	10.8	25.6	57	17	0
PORT SÛDÂN	00	8	00	0	8	0	-	10	27	79	23	dw
WADI HALFA												
KAREIMA												
'ATBARA	00	8	00	0	0	0	-	8	31	36	14	0
KHARTÛM	00	8	04	1	1	2	8	6	30	29	10	0
KASSALA	00	8	00	0	0	0	-	9				0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	8	30	1	0	0	-	9	25	28	05	0
EL FÂSHER	00	8	08	2	0	0			27	23	04	0
GENEINA	00	8	00	0	0	0	-		26	17	-1	0
MALAKÂL	28	8	14	2	8	10	9,4	10	24			dr
WÂU	01	8	00	0	1	5	4	9	26	84	23	0
JUBA	07	8	00	0	1	1	8	10	25	89	23	0

At 0600 on SUNDAY 24th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Maximum Yesterday TxTx	Diff. from norm.	Minimum Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	Station	Area
																				SÎDI BARÂNI	Mediterranean
	00	8	22	2	0	0	-			20	26		16		94	19	0	4		MATRÛH	
	03	7	24	1	2	10	6			22.3	26				80	18	0	0		EL DABA	
	01	7	00	0	1	7	5	13.5	-3.6	24.0	27	-1	19	0	69	18	0	2	4	ALEXANDRIA	
	00	7	18	1	4	0	-	13.6		21	26		16		83	18	0	2		FOUAD (Airport)	
	42	4	00	0	4	Fog	0	13.5	-2.5	18.9	28		15		100	19	0	0	4	DAMIETTA	
	05	6	18	1	0	8	6	14		22	26		21		89	20	0	0		PORT SA'ID	
	08	4	16	2	4	0	-	13.9	-1.7	19.2	29	+1	16	0	97	18	0	0	3	EL 'ARISH	
	09	5	24	2	0	0	-	13.9	-2.9	19.8	29	0	16	0	85	17	0	4	3	DAMANHÛR	Lower Egypt
	00	7	04	1	0	0	-	13.8	-2.4	21.2	32	+2	16	-1	82	18	0	0	2	MANSÛRA	
	00	8	00	0	0	0	-	14.4	-2.5	18.4	30	0	14	-1	90	16	0	0	2	TANTA	
	02	6	32	2	0	2	4	14.3	-2.5	20.0	30	0	17	+2	91	18	0	0	1	ZAGAZIG	
	41	5	26	1	4	Fog	0	14.2	-2.6	17.9	32		16		92	17	0	0		SHIBÎN EL KÔM	
	08	4	32	1	4	0	-	13.4		19.1	31		16		98	19	0	0		ISMAÎLÎA	
																	0	0		FAROUK (Airport)	Cairo Area
	48	3	00	0	4	Fog	0	13.4	-3.1	18.1	28		16		88	16	0	0		ALMÂZA	
	48	3	00	0	4	Fog	0	13.9	-2.6	19.2	29	0	18	+1	89	17	0	0	1	EZBEKÎYA	
	48	3	00	0	4	Fog	0	13.6	-3.1	18.8	28	-1	15	0	98	19	0	0	2	GÎZA	
	09	5	00	0	0	1	1	13.4	-3.3	19.1	28	-1	17	0	81	16	0	0	1	HELWÂN	
	00	8	30	2	0	0	-	13.6	-2.7	20.8	31	0	16	0	82	18	0	0	0	FAIYÛM	Upper Egypt
	00	9	02	1	0	0	-	12.8		21.1	32		15		78	17	0	0		BENI SUEF	
	00	7	32	2	0	0	-	13		20	31		14		78	16	0	0		MINYA	
	00	7	18	1	0	0	-	13.5	-2.0	22.0	30	0	18	+1	66	15	0	0	0	ASYÛT	
	00	8	00	0	0	0	-	12.3	-2.3	23.7	33		15		63	16	0	0		NAG' HAMMÂDI	
	00	7	24	2	0	0	-	12.7	-1.3	22.8	35	+1	19	+2	60	15	0	0		QENA	
	00	8	00	0	0	0	-	12		25	34		18		47	13	0	0		LUXOR	
	00	9	00	0	0	0	-	12.0	-1.5	26.5	37	+1	21	+1	53	15	0	0		ASWÂN	
	00	7	00	0	0	0	-	15.6	-2.4	20.0	31	0	16	+2	72	15	0	0	0	SIWA	Oases
	00	8	00	0	0	0	-	14.7	-2.4	23.0	31	+1	14	-1	59	14	0	0	0	BAHARIYA	
	00	7	20	1	0	0	-	14.6		20.2	33		14		46	08	0	0		FARAFRA	
	00	8	24	1	0	0	-	13.6	-2.4	21.0	33	0	17	+1	57	12	0	0		DAKHLA	
	00	8	00	0	0	0	-	13.6	-1.4	23.3	33	0	17	-1	49	12	0	0		KHARGA	
	00	6	00	0	0	1	5	12.4	-3.2	19.9	30	0	17	-1	72	15	0	0	1	SUEZ	Red Sea
	00	8	04	1	0	0	-	11.9	-2.5	25.8	29	+1	18	0	70	20	0	0	0	TOR	
	01	9	02	1	0	5	4	12		24	28		18		65	17	0	0		HURGHADA	
	01	8	28	2	1	5	4	12.2	-1.6	25.3	28	-2	21	-2	46	13	0	0	0	QUSEIR	
	00	8	00	0	0	2	4	10		29	31				70	23	dw	18	10	PORT SUDAN	
																	0	0		WÂDI HALFA	North Sûdân
	00	8	28	1	0	0	-	10		24					30	05	0	0	1	KAREIMA	
	00	7	02	1	1	0	-	9		28	33				29	08	0	dr	1	'ATBARA	
	00	8	22	2	0	2	4	10		28	36				22	04	0	3	3	KHARTÛM	
	01	7	00	0	1	6	4	10		27	33				58	18	0	2	6	KASSALA	
																	0	11	8	WAD MEDANI	Central Sûdân
																	0	0	33	RENK	
																	0	0	22	ROSEIRES	
	00	8	00	0	0	0	-	10		27	37				19	01	0	0	12	EL OBEID	
	00	8	02	2	0	0	-			26					25	04	0	0	6	EL FÂSHER	
	00	8	04	3	0	0	-			22	34				19	16	0	0	4	GENEINA	
											33						dr	75	66	MALAKAL	S. Sûdân
											36						dr	202	144	WÂU	
											31						0	75	74	JUBA	

HUMIDITY
Mean of day

Station	on 23rd	Diff. from normal
Alexandria	70	+2
Ezbekiya	77	+10
Giza	81	+12
Helwân	58	+5

GIZA
GRASS MINIMUM TEMP
ON 24th 10.4 °C

Remarks

UPPER AIR OBSERVATIONS on 23rd
DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT
ON ... AT ...

Height feet	Pressure mbs	Dry °C	Wet °C
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT — RAWINSONDE
ON 24th AT 3

Pressure mbs	Height feet	Temp °C	Humidity %	Wind DD	Wind VV
Surface 1005		19	88	120	6
1000	370	19	85	120	6
950					
900	3350	18	35	360	6
850	4940	16	25	210	6
800	6620	12	35	220	9
700	10240	4	35	220	30
600	14280	-5	35	270	6
500	18890	-16	35	320	8
400					
300	30820	-43	-	240	20
250					
200	47510	-55	-	240	38
150					
100					

Station	ALMAZA		Matruh		FOUAD AP				PORT SAID				MINYA	
Time	14		14		15				14				14 45	
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	330	4	320	13	340	10			10	7			360	24
500	350	5	290	13	340	11			20	4			360	33
1000	350	6	270	15	340	11			40	3			350	29
1500	350	4	290	15	350	16			40	2			350	9
2000	230	12			10	22			70	2			350	18
3000	210	11			10	24			230	1				
4000	210	3												
5000	240	3												
6000	360	8												
7000														
8000														

Station														
Time														
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200														
500														
1000														
1500														
2000														
3000														
4000														
5000														
6000														
7000														
8000														

UPPER AIR OBSERVATIONS on 24th
DD Direction of wind in degrees East of North. VV Velocity in knots.

Station	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÎD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
Time	5		4 15		4 15		3 45		3		9		8		3 45				7 30		5		5	
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	320	13	300	9	300	7	170	5	80	6	160	4	340	9	80	15			340	3			10	11
500	330	10	350	7	300	7	220	5	40	7	160	7	60	9	10	20			50	1			40	8
1000	320	12	360	14	240	3	Ent St		20	5	130	5	40	2	360	23			360	5	10	2	330	10
1500	310	12	360	16	290	7			210	6			210	3	340	22			290	5	70	5	310	15
2000			350	9	300	4			210	10			190	10	340	34			230	6	110	2	310	20
3000									210	20													310	12
4000																								
5000									290	4														
6000																								
7000																								
8000									250	26														

Station	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
Time			5		5 45		8																	
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			350	6	10	12	330	10																
500			20	11	20	20	280	10																
1000			350	14	10	18	180	4																
1500			320	21	290	9	140	7																
2000			330	21			120	3																
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

WIND FORCE (F)

	K P H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

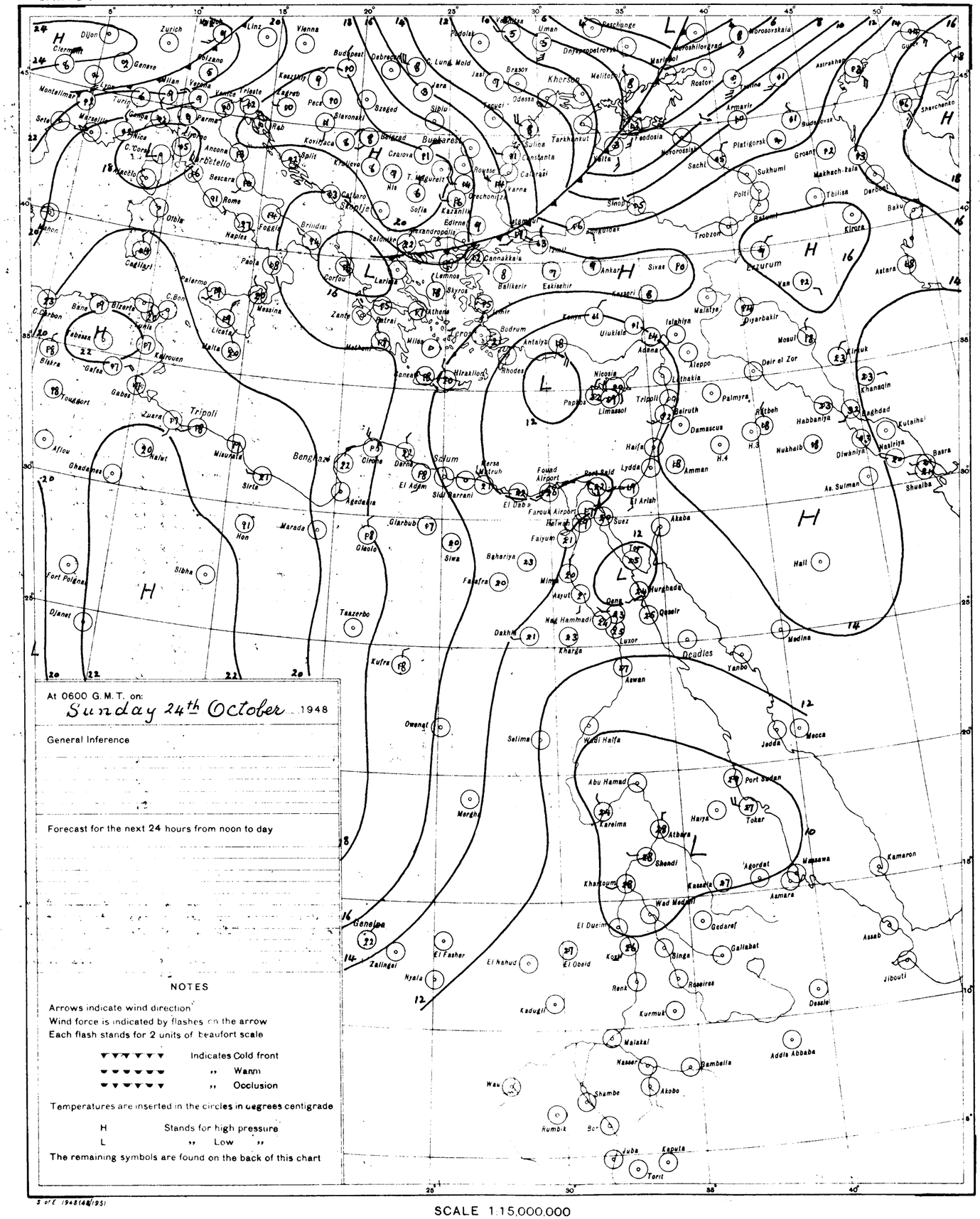
is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G. M. T.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:

Sunday 24th October 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction

Wind force is indicated by flashes on the arrow

Each flash stands for 2 units of Beaufort scale

Indicates Cold front

,, Warm

,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure

L ,, Low ,,

The remaining symbols are found on the back of this chart

S of E (1948)(48/195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 03 G.M.T.
" " Sunset 15 14 G.M.T.

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

DAILY WEATHER REPORT

Date : Monday 25th October, 1948.

Form 91

WEATHER BUREAU

At 1200 on Sunday 24TH

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	01	9	28	4	1	5	8,5x	13.8	24.2	67	18	0
	160	MATRÛH	01	8	02	3	0	5	6	13	25	74	20	0
	134	EL DABA												
	132	ALEXANDRIA	01	8	30	1	2	3	8	13.1	25.6	63	18	0
	150	FOUAD (Airport)	00	7	30	3	0	0	—	12.5	25	65	18	0
	159	DAMIETTA	00	8	28	3	1	0	—	12.7	25.2	69	19	0
	161	PORT SAÏD	00	7	31	2	0	tr.	1	13	25	70	19	0
	135	EL ARISH	01	9	32	4	1	7	6	13.2	24.4	66	17	0
LOWER EGYPT	136	DAMANHUR	00	7	24	2	0	2	8	13.1	28.4	48	16	0
	137	MANSURA	00	8	32	2	0	0	—	12.6	28.5	49	16	0
	138	TANTA	00	8	24	2	0	0	—	13.5	28.6	50	17	0
	139	ZAGAZIG	00	6	32	2	0	0	—	12.8	30.0	44	16	0
		SHIBÎN EL KÔM	00	8	28	3	0	0	—	12.8	31.0	36	14	0
		ISMAÏLÍA	01	6	06	1	1	5	5	11.9	29.5	38	14	0
CAIRO AREA	928	FAROUK(Airport)	00	7	26	2	0	0	—	12	28	40	13	0
	141	ALMÂZA	00	8	30	2	0	0	—	12	28	43	15	0
		EZBEKÎYA	00	8	32	2	0	0	—	12.3	27.7	46	15	0
		GÎZA	00	8	32	2	0	0	—	12.4	27.3	44	14	0
	143	HELWÂN	00	6	28	4	0	0	—	11.5	27.8	40	13	0
UPPER EGYPT	153	FAIYÛM	00	8	30	1	0	0	—	11.5	28.6	36	13	0
		BENI SUEF	00	9	02	2	0	0	—	11.8	30.6	43	17	0
	162	MINYA	00	8	01	3	0	0	—	12	30	40	15	0
	155	ASYÛT	00	8	20	1	0	0	—	11.8	28.8	41	14	0
	164	NAG' HAMMÂDI	00	8	24	1	0	0	—	10.0	31.4	37	15	0
	156	QENA	00	8	24	2	0	0	—	9.8	32.0	34	14	0
	157	LUXOR	00	8	30	1	0	tr.	8	10	32	22	8	0
	158	ASWÂN	00	9	30	1	1	3	4	8.6	34.3	22	9	0
OASES	148	SIWA	00	8	00	0	0	0	—	15.1	31.1	53	20	0
	149	BAHARÎYA												
		FARAFRA	00	7	26	1	0	0	—	13.2	30.5	50	18	0
	152	DAKHLA	00	9	28	2	0	0	—	11.7	29.2	45	16	0
	151	KHARGA												
RED SEA	144	SUEZ	00	8	30	2	0	2	5	10.3	29.5	29	10	0
	145	TÛR	00	8	28	2	0	1	8	10.8	28.5	63	20	0
	163	HURGHÂDA	00	9	03	1	1	2	9	11	26	74	21	0
	147	QUSEIR	01	8	04	3	1	3	3	11.2	27.0	63	19	0
	208	PORT SÛDÂN												
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÛDÂN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FASHER												
	179	GENEINA												
S SÛDÂN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 1800 on Sunday 24TH

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARÂNI	00	7	02	1	1	1	8	15.6	22.5	83	19	0
	160	MATRÛH	00	7	01	3	0	0	—		22	89	20	0
	134	EL DABA												
	132	ALEXANDRIA	00	5	04	2	0	0	—	15.2	22.4	79	18	0
	150	FOUAD (Airport)	00	7	02	1	0	0	—	14	21	83	18	0
	159	DAMIETTA	00	5	28	2	0	0	—	14.0	22.0	84	19	0
	161	PORT SAÏD	00	7	04	3	0	tr.	6	14	23	84	20	0
	135	EL ARISH	00	9	28	3	0	0	—	14.0	24.5	84	21	0
LOWER EGYPT	136	DAMANHUR	00	6	24	2	0	0	—	14.6	21.2	80	17	0
	137	MANSURA	00	6	04	1	0	0	—	14.7	22.2	81	19	0
	138	TANTA	00	8	00	0	0	0	—	15.2	22.0	88	20	0
	139	ZAGAZIG	00	6	32	2	0	0	—	13.9	22.6	84	19	0
		SHIBÎN EL KÔM	00	7	30	2	0	0	—	13.5	21.6	75	17	0
		ISMAÏLÍA	00	6	02	1	0	0	—	13.9	22.3	81	19	0
CAIRO AREA	928	FAROUK(Airport)	00	7	06	½	0	0	—	14	23	65	13	0
	141	ALMÂZA	00	7	04	3	0	0	—	14.5	23.5	59	16	0
		EZBEKÎYA								14.4	22.0	72	17	0
		GÎZA												
	143	HELWÂN	05	6	28	1	0	0	—	13.8	23.4	58	14	0
UPPER EGYPT	153	FAIYÛM	00	8	32	1	0	0	—	13.4	21.6	69	15	0
		BENI SUEF	00	9	02	1	0	0	—	13.4	21.2	63	14	0
	162	MINYA	00	7	00	0	0	0	—	13	21	65	14	0
	155	ASYÛT	00	6	22	1	0	0	—	12.7	22.8	60	15	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	—	11.9	22.3	66	15	0
	156	QENA	00	6	24	2	0	0	—	11.1	25.9	43	11	0
	157	LUXOR	00	7	00	0	0	0	—	11	26	37	10	0
	158	ASWÂN	00	7	02	1	0	0	—	9.4	31.0	22	7	0
OASES	148	SIWA	00	6	00	0	0	0	—	14.6	23.4	49	12	0
	149	BAHARÎYA	00	7	32	1	0	0	—	13.6	24.0	46	12	0
		FARAFRA	00	7	32	2	0	0	—	13.3	24.9	33	8	0
	152	DAKHLA	00	8	28	2	0	0	—	11.8	25.8	47	14	0
	151	KHARGA	00	7	32	4	0	0	—	11.1	25.5	30	7	0
RED SEA	144	SUEZ	00	6	32	2	0	0	—	12.6	23.9	67	18	0
	145	TÛR	00	8	28	1	0	1	8	11.8	25.0	84	22	0
	163	HURGHÂDA	00	8	00	0	0	0	—	12	23	84	20	0
	147	QUSEIR	00	6	30	2	0	0	—	11.8	25.0	76	20	0
	208	PORT SÛDÂN												
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA	00	8	00	0	0	0	—	8	27	40	12	0
	167	'ATBARA	00	8	22	1	0	0	—	8	30	22	6	0
	209	KHARTÛM	00	8	00	0	0	0	—	9	30	19	4	0
	170	KASSALA												
CENTRAL SÛDÂN	171	WAD MEDANI	00	8	02	2	0	1	1	9	26	27	5	0
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FASHER	00	8	08	2	0	0	—		26	32	8	0
	179	GENEINA												
S SÛDÂN	176	MALAKÂL	00	8	00	0	1	2	8	9	23	94	22	0
	177	WÂU	02	7	00	0	9	10	4,2	10	25	89	23	R
	178	JUBA	01	8	30	1	2	5	2	9	25	79	21	0

At 0600 on Monday 25TH

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	MAXIMUM Yesterday TxTx	MAXIMUM Diff. from norm.	MINIMUM Today TnTn	MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct. 1	RAINFALL mms. Norm. From Oct. 1
			ww	V	DD	F	W		C	PPP		TT	TxTx		TnTn		UU				
MEDITERRANEAN	146	SIDI BARÂNI																			
	160	MATRÛH	01	8	06	2	1	3	6	18		22	26		16		78	18	0	4	
	134	EL DABA																	0	0	
	132	ALEXANDRIA	01	8	04	2	1	5	4	17.2	0.0	23.6	26	-1	21	+2	70	18	0	2	4
	150	FOUAD (Airport)	01	7	06	1	1	3	6	16.9		23	27		16		84	20	0	2	
	159	DAMIETTA	00	7	00	0	4	tr.	6	16.8	+0.8	22.8	28		17		84	20	0	0	4
	161	PORT SAÏD	00	7	03	2	0	1	6	17		24	26		22		74	19	0	0	
	135	EL ARISH	00	9	13	3	0	2	8	16.7	+1.1	21.3	28	0	15	-1	83	18	0	0	3
LOWER EGYPT	136	DAMANHUR	00	4	20	1	4	0	—	16.8	0.0	21.0	31	-2	17	+1	96	20	0	tr.	3
	137	MANSURA	01	7	02	1	1	3	4	17.2	+0.9	21.5	30	0	17	0	87	20	0	0	2
	138	TANTA	01	8	00	0	1	3	8	17.9	+1.0	19.6	29	-1	14	-1	94	19	0	0	2
	139	ZAGAZIG	02	6	32	2	0	9	4	17.9	+1.3	19.9	30	0	16	+1	98	19	0	0	1
		SHIBÎN EL KÔM	01	7	02	2	1	5	8	17.1	+0.3	19.8	32		16		96	18	0	0	
		ISMAÏLÍA	03	5	04	1	2	10	5	16.6		19.2	31		17		98	19	0	0	
CAIRO AREA	928	FAROUK(Airport)	48	5	08	6	4	mist	0	16		19	24		17		95	19	0	0	
	141	ALMÂZA	43	4	04	4	4	mist	0	16.3	-0.3	19.5	29		16		97	18	0	0	
		EZBEKÎYA	43	4	00	0	4	mist	0	16.7	+0.1	19.5	29	0	17	0	93	19	0	0	1
		GÎZA	43	4	00	0	4	mist	0	17.0	+0.3	19.0	29	0	18	+1	98	19	0	0	2
	143	HELWÂN	09	6	00	0	0	0	0	16.6	-0.1	20.1	28	-1	12	+1	81	17	0	0	1
UPPER EGYPT	153	FAIYÛM	00	8	30	2	0	0	—	16.2	-0.2	21.8	30	-1	18	+2	75	17	0	0	0
		BENI SUEF	00	9	02	1	0	0	—	15.2		21.9	31		16		76	18	0	0	
	162	MINYA	00	7	32	2	0	0	—	15		19	30		14		83	16	0	0	
	155	ASYÛT	00	7	20	1	0	0	—	14.8	-0.8	21.6	29	0	17	0	69	16	0	0	0
	164	NAG' HAMMÂDI	00	8	00	0	?	?	—	14.3	+0.2	24.6	33	-1	14	-3	60	17	0	0	
	156	QENA	00	7	24	2	0	0	—	13.9	-0.2	21.0	34	0	18	+1	65	14	0	0	
	157	LUXOR	00	8	04	1	0	0	—	14		23	33		16		34	6	0	0	
	158	ASWÂN	01	9	32	1	1	3	1	13.4	-0.2	24.4	35	-1	20	0	52	14	0	0	
OASES	148	SIWA	00	7	00	0	0	0	—	18.0	0.0	20.0	32	+1	15	+2	81	17	0	0	0
	149	BAHARÎYA	00	8	32	1	0	0	—	16.4	-0.7	20.5	32	+2	15	0	77	16	0	0	0
		FARAFRA	00	7	02	2	0	0	—	13.6		19.4	31		15		54	10	0	0	
	152	DAKHLA	00	8	28	1	0	0	—	14.8	-1.3	18.6	31	-1	15	-1	57	10	0	0	
	151	KHARGA	00	8	02	4	0	0	—	13.8	-1.3	24	32	-1	17	0	46	12	0	0	
RED SEA	144	SUEZ	00	6	30	2	0	0	—	15.0	-0.7	21.2	31	+1	19	+1	81	18	0	0	1
	145	TÛR	00	9	04	1	0	0	—	13.8	-0.6	22.0	30	+2	16	-1	44	9	0	0	0
	163	HURGHÂDA	00	9	28	1	0	0	—	14		23	28		18		57	14	0	0	
	147	QUSEIR	00	8	30	2	0	0	—	13.5	-0.4	27.3	29	-1	21	-1	39	12	0	0	0
	208	PORT SÛDÂN	00	9	30	3	1	2	8	11		28			27		79	24	0	18	10
NORTH SÛDÂN	165	WADI HALFA																	0	0	
	166	KAREIMA																	0	0	1
	167	'ATBARA										37							0	Dr.	1
	209	KHARTÛM	00	8	30	2	0	1	1	10		29	37		24		17	1	0	3	3
	170	KASSALA																	0	2	6
CENTRAL SÛDÂN	171	WAD MEDANI	00	9	32	3	0	0	—	10		26	36				27	5	0	11	8
	182	RENK																	0	0	34
	172	ROSEIRES																	0	0	23
	174	EL OBEID										34							0	0	12
	175	EL FASHER																	0	0	6
	179	GENEINA																	0		4
S SÛDÂN	176	MALAKÂL										33							0	75	68
	177	WÂU										36							15	217	107
	178	JUBA										33							0	75	77

HUMIDITY

Mean of day

STATION	on 24TH	Diff. from normal
Alexandria	72	+4
Ezbekiya	74	+7
Giza		
Helwân	64	+11

GIZA

GRASS MINIMUM TEMP. ON 25TH 11.3 C

Remarks

UPPER AIR OBSERVATIONS on 24TH

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT

ON ___ AT ___

HEIGHT FEET	PRESSURE mbs	DRY °C	WET °C
SURFACE			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT

ON 25TH AT ___ RAWINSONDE 4

PRESSURE mbs	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		18	89	90	8
1000	430	19	85	90	8
950					
900	3410	18	35	60	10
850	5000	16	25	130	2
800	6680	12	25	190	2
700	10280	2	25	330	1
600	15440	-6	25	360	3
500	20880	-17		60	3
400		-29			
300	30810	-41		320	10
250					
200	39630	-51		340	5
150					
100					

STATION	Matruh		Farouk Apt		Almaza	Port Said	Minya	
TIME	16		15		14.30	14 30	15	
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV
200	10	14	340	10	340	7	10	9
500	20	7	330	11	20	5	350	7
1000	340	10			40	6	230	3
1500	270	16	330	13	220	5	270	3
2000	250	13	320	19			210	13
3000	250	6	360	27	210	10	220	17
4000	270	10			360	1	240	2
5000	260	8			310	5	250	7
6000	230	16			260	5	310	5
7000	310	5			210	13		
8000								

STATION								
TIME								
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV
200								
500								
1000								
1500								
2000								
3000								
4000								
5000								
6000								
7000								
8000								

UPPER AIR OBSERVATIONS on 25TH

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI	MATRÛH	FOUAD AIRPORT	PORT SAÏD	FAROUK AIRPORT	ALMÂZA	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	SIWA
TIME	5	4	3	4	3	9	7	4		5 30	5	5
HEIGHT m	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV
200	60 15		20 8	30 9	60 13	40 17	30 5	10 16		50 6	10 8	80 4
500	60 12	40 10	30 7	40 7	50 13	70 15	50 10	30 29		20 7	40 14	80 16
1000	70 8	20 10	40 7	40 8	50 12	80 16	70 14	20 23		50 8		70 10
1500	70 10	40 5	30 9	50 7	130 2	80 6	70 10	20 28		90 5	50 14	70 5
2000	90 12	Ent 55	70 12	50 5	190 4	110 6	110 6			140 5	80 14	150 6
3000					330 1	80 4	150 1			220 7	60 3	160 12
4000					360 4	80 4				230 8		
5000					10 6	70 3						
6000					290 1	220 2						
7000												
8000												

STATION	BAHARÎYA	DAKHLA	KHARGA	HURGHADA	WÂDI HALFA	ABU HAMÂD	KAREIMA	KHARTÛM	KASSALA	EL OBEID	EL FASHER	MALAKAL
TIME		5	5 15	8								
HEIGHT m	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV
200		20 9	20 13	330 16								
500		40 10	30 21	290 12								
1000		40 12	30 18	330 14								
1500		40 10	60 5	320 6								
2000		50 9	190 6	20 6								
3000			190 4	110 6								
4000			270 4									
5000			160 5									
6000			200 14									
7000			220 21									
8000			220 23									

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G.M.T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

WIND FORCE (F)

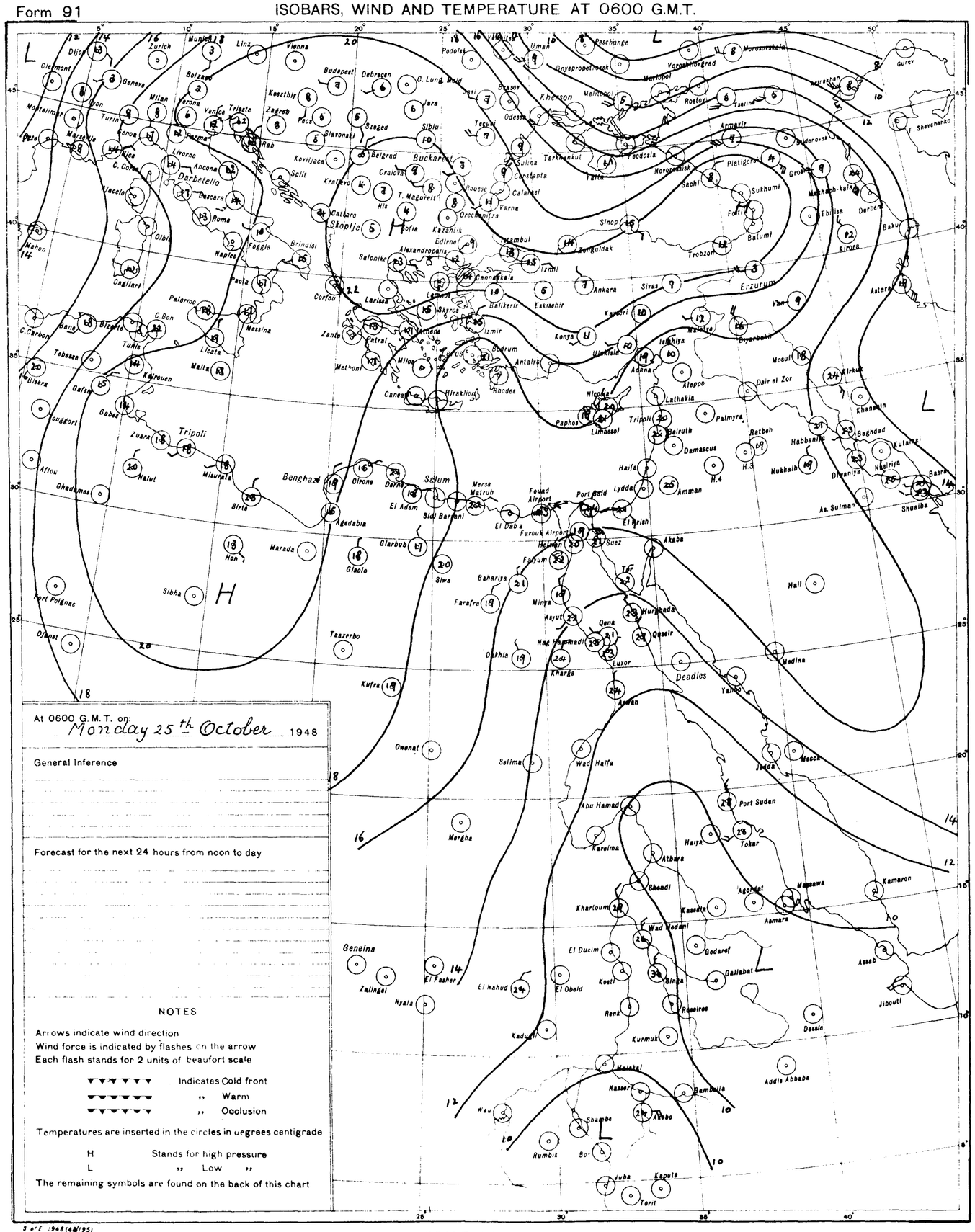
	K P H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.


Zurich
Munich
Linz
Vienna
Budapest
Debrecen
C. Lung Vasile
Iasi
Braşov
Odessa
Kherson
Melitopol
Rostov
Peschanoe
Uman
Onyepropetrovsk
Voroshilovgrad
Mariupol
Morosovskaia
Gurev
F. Shevchenko
Podolsk
Tselina
Armavir
Budenovsk
Platigorsk
Grozny
Sukhumi
Batumi
Tbilisi
Derbent
Baku
Kirova
Astara
Erzurum
Van
Sivas
Ankara
Eskisehir
Izmir
Konya
Adana
Aleppo
Dair el Zor
Mosul
Kirkuk
Khanakin
Baghdad
Kutaniz
Diwaniya
Nasiriya
Basra
Shuaiba
As. Sulman
Habbaniya
Rutbeh
Nukhaib
H.3
H.4
Haifa
Amman
Damascus
Beirut
Palmyra
Lathakia
Tripoli
Nicosia
Paphos
Limassol
Port Said
Fouad Airport
Farouk Airport
El Qantara
El Arish
Lydda
Suez
Akaba
Hall
Medina
Mecca
Jedda
Yambo
Deadlos
Luxor
Kharga
Aswan
Port Sudan
Tokar
Haiya
Karsima
Abu Hamad
Atbara
Shendi
Khartoum
Kassala
Agordat
Massawa
Asmara
Kamaron
Assab
Jibouti
Desalo
Addis Ababa
Gedaref
Gallabat
Wad Medani
El Ducim
Kosti
Sinka
Renk
Kurmuk
Kaduqli
Roseires
Malakal
Nasser
Gambeila
Akobo
Shambe
Rumbik
Juba
Kapoeta
Torit
Geneina
Zalingei
El Fasher
El Obeid
El Nahud
Nyala
Owenat
Selima
Wadi Halfa
Merdha
Kufra
Taszerbo
Dakhla
Baharia
Farafra
Siwa
Marada
Hon
Sibha
Port Polignac
Djanet
Ghadames
Nalut
Zuara
Tripoli
Misurata
Sirte
Agedabia
Benghazi
Cirene
Derna
El Adem
Sidi Barrani
Mersa Matruh
Glarbub
Glaolo
Tobruk
Bardia
Solum
Tocra
Marsa Brega
Buerat
Homs
Misurata
Gafsa
Kairouen
Tebessa
Biskra
Tougourt
Aflou
Malta
Licata
Messina
Palermo
Trapani
Bone
C. Carbon
Tunis
C. Bon
Sousse
Monastir
Sfax
Gabes
Medenine
Ben Gardane
Nalut
Ghadames

MAR 8 1949
WEATHER BUREAU

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

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: TUESDAY 26th OCTOBER, 1948.

At 1200 on MONDAY 25th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARÂNI	02	9	02	3	1	8	8	18.6	24.0	74	19	0
	160	MATRÛH	00	8	05	2	0	0	—	18	25	61	17	0
	134	EL DABA	01	8	08	2	1	5	8		25.4	61	17	0
	132	ALEXANDRIA	00	9	04	3	0	0	—	17.4	24.0	72	19	0
	150	FOUAD (Airport)	00	8	02	2	1	0	—	17.2	26	62	18	0
	159	DAMIETTA	00	8	04	3	1	1	8	16.8	24.2	74	19	0
	161	PORT SA'ID	01	7	05	3	0	5	6	17	26	66	19	0
	135	EL 'ARISH	00	9	02	3	0	0	—	15.9	25.3	73	20	0
Lower Egypt	136	DAMANHUR	00	7	08	2	0	0	—	17.0	28.0	50	16	0
	137	MANṢURA	01	8	04	2	1	3	8	16.7	30.0	40	15	0
	138	ṬANṬA	00	8	24	1	1	0	—	16.7	30.0	41	15	0
	139	ZAGAZIG	00	6	32	4	0	0	—	16.0	28.8	48	17	0
		SHIBÎN EL KÔM	00	8	02	3	0	0	—	15.6	30.4	42	16	0
		ISMA'ILÎA	00	7	02	1	0	0	—	15.6	29.0	48	17	0
Cairo Area	028	FAROUK (Airport)	00	8	04	4	0	0	—	15	29	43	15	0
	141	ALMÂZA	00	8	04	4	0	0	—	15.4	29.4	37	14	0
		EZBEKÎYA	00	8	32	1	0	0	—	15.5	30.3	43	17	0
		GÎZA	00	8	32	1	0	0	—	15.1	29.4	44	15	0
	143	HELWÂN	00	8	02	4	0	0	—	14.6	30.6	27	10	0
Upper Egypt	153	FAIYÛM	00	8	30	3	0	0	—	14.6	30.0	37	14	0
		BENI SUEF	00	9	02	1	0	0	—	13.9	32.4	32	13	0
	162	MINYA	00	8	32	4	0	0	—	14	31	41	16	0
	155	ASYÛT	00	8	22	1	0	0	—	13.4	30.0	41	15	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	—	11.6	31.2	43	17	0
	156	QENA	00	8	24	2	0	0	—	11.4	33.2	37	17	0
	157	LUXOR												
	158	ASWÂN	01	9	02	1	1	3	4	9.8	36.6	19	10	0
Oases	148	SIWA												
	149	BAHARÎYA	00	8	32	2	0	0	—	15.1	28.5	43	14	0
		FARAFRA												
	152	DAKHLA	00	9	32	1	0	0	—	12.0	31.4	36	14	0
	151	KHARGA												
Red Sea	144	SUEZ	00	8	32	2	0	0	—	13.6	29.9	31	11	0
	145	TÔR	00	8	28	2	0	0	—	13.2	27.0			
	163	HURGHÂDA	00	9	02	1	0	0	—	13	27	70	21	0
	147	QUSEIR	00	8	32	2	0	0	—	13.1	29.0	52	18	0
	208	PORT SÛDÂN												
North Sûdân	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA	00	8						6	37	10	0	0
	209	KHARTÛM	00	8	28	2	1	0	—	7	36	10	0	0
	170	KASSALA	01	8		1	1	5	8	3	37	27	15	0
Central Sûdân	171	WAD MEDANI	00	8	24	1	0	0	—	6	37	13	4	0
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID	00	8	28	2	1	0	—	5	36	12	2	0
	175	EL FÂSHER												
	179	GENEINA	01	8	20	2	1	3	2					0
S. Sûdân	176	MALAKÂL	01	8	07	2	0	5	9,4	6	34	36	17	0
	177	WÂU	01	8	00	0	1	5	8	5	33	47	20	0
	178	JUBA	11	8	08	2	1	7	9,4	5	32	46	19	0

At 1800 on 25th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 12-18 G.M.T. mms
SIDI BARÂNI	61	7	06	2	1	5	9	19.5	21.8	80	18	0
MATRÛH	01	7	06	2	0	5	6	19	21	83	18	0
EL DABA	01	7	04	1	1	5	8		23.0	74	18	0
ALEXANDRIA	00	5	04	2	0	0	—	19.0	22.0	82	19	0
FOUAD (Airport)	00	7	04	1	0	0	—	18	20	88	18	0
DAMIETTA	00	6	32	3	1	0	—	17.5	22.2	84	19	0
PORT SA'ID	00	7	02	4	0	0	—	18	24	79	20	0
EL 'ARISH												
DAMANHUR	00	6	04	3	0	0	—	18.2	19.3	87	17	0
MANṢURA	00	6	32	2	1	0	—	18.0	21.2	87	19	0
ṬANṬA	00	8	00	0	0	0	—	18.0	22.4	82	19	0
ZAGAZIG	00	6	32	2	0	0	—	18.2	21.0	82	18	0
SHIBÎN EL KÔM	00	6	04	2	0	0	—	17.5	23.1	69	17	0
ISMA'ILÎA	00	6	02	1	0	0	—	17.1	22.2	83	19	0
FAROUK (Airport)	00	8	04	4	0	0	—	17	24	69	18	0
ALMÂZA	00	7	04	3	0	0	—	16.9	23.7	67	18	0
EZBEKÎYA	00	7	00	0	0	0	—	17.4	22.4	74	17	0
GÎZA	00	7	00	0	0	0	—	16.8	23.1	68	17	0
HELWÂN	00	7	02	5	0	0	—	15.9	23.9	61	16	0
FAIYÛM	00	8	02	1	0	0	—	15.9	24.3	65	17	0
BENI SUEF	00	9	02	1	0	0	—	15.4	23.8	57	15	0
MINYA	00	7	32	2	0	0	—	14	21	74	16	0
ASYÛT	00	6	20	1	0	0	—	13.9	24.0	67	18	0
NAG' HAMMÂDI	00	8	00	0	0	0	—	12.6	22.0	72	17	0
QENA	00	6	24	2	0	0	—	12.4	23.6	39	9	0
LUXOR	00	7	00	0	0	0	—	12.	25	34	8	0
ASWÂN	00	9	32	1	0	0	—	10.6	32.0	24	9	0
SIWA	00	7	00	0	0	0	—	18.2	22.5	51	11	0
BAHARÎYA	00	7	32	1	0	0	—	15.9	24.5	43	11	0
FARAFRA	00	7	30	2	0	0	—	16.2	22.4	40	8	0
DAKHLA	00	8	00	0	0	0	—	14.0	25.4	45	12	0
KHARGA	00	7	00	0	0	0	—	13.8	27.0	27	6	0
SUEZ	00		32	2	0	0	—	15.8	23.8	65	17	0
TÔR	00	8	28	1	0	0	—	14.7	25.1	76	20	0
HURGHÂDA	00	8	29	1	0	0	—	14	26	62	18	0
QUSEIR	00	8	32	2	0	0	—	14.4	25.0			0
PORT SÛDÂN												
WADI HALFA												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on TUESDAY 26th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Max. Yesterday TxTx	Diff. from norm.	Min. Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	Station	Area
SÎDI BARÂNI	02	8	06	2	1	2	8	20.0		22.2	25		20		76	17	0			SÎDI BARÂNI	Mediterranean
MATRÛH	01	8	07	2	1	7	6	20		23	26		17		74	18	0	4		MATRÛH	
EL DABA	01	8	08	1	1	5	8			24.6	26				71	19	0	0		EL DABA'	
ALEXANDRIA	00	9	04	2	0	0	—	19.6	+2.3	24.0	26	-1	21	+2	76	19	0	2	5	ALEXANDRIA	
FOUAD (Airport)	00	7	02	2	0	0	—	19.3		24	26		18		79	20	0	2		FOUAD (Airport)	
DAMIETTA	00	7	32	3	0	0	—	18.2	+2.1	24.0	25		20	"	77	20	0	0	5	DAMIETTA	
PORT SA'ID	00	7	03	4	0	0	—	18		25	27		23		74	20	0	0		PORT SA'ID	
EL 'ARISH	00	9	14	2	0	0	—	17.0	+1.3	25.3	27	-1	19	-1	77	21	0	0	3	EL 'ARISH	
DAMANHUR	41	4	04	2	4	Mist	0	19.1	+2.2	21.8	29	0	18	+2	93	20	0	4.	3	DAMANHÛR	Lower Egypt
MANṢURA	00	8	04	2	0	0	—	18.8	+2.5	23.5	31	+2	18	+1	83	21	0	0	2	MANSÛRA	
ṬANṬA	00	8	32	1	0	0	—	19.1	+2.1	20.0	30	+1	16	+1	91	18	0	0	2	ṬANṬA	
ZAGAZIG	01	6	32	2	0	3	1	19.2	+2.3	22.0	30	0	16	+1	91	20	0	0	1	ZAGAZIG	
SHIBÎN EL KÔM	00	7	02	2	0	0	—	17.6	+0.8	19.9	31		16		77	16	0	0		SHIBÎN EL KÔM	
ISMA'ILÎA	01	5	00	0	1	7	7	18.0		22.7	29		19		83	20	0	0		ISMAÎLÎA	
FAROUK (Airport)	02	7	06	4	2	9	6	18		21	30		18		88	19	0	0		FAROUK (Airport)	Cairo Area
ALMÂZA	05	6	04	5	4	10	6	18.2	+1.6	21.0	30		18		91	19	0	0		ALMÂZA	
EZBEKÎYA	43	4	02	1	4	Mist	0	18.3	+1.7	20.8	31	+2	18	+1	93	20	0	0	1	EZBEKÎYA	
GÎZA	43	4	02	1	4	Mist	0	18.3	+1.5	20.3	30	+1	17	+3	98	20	0	0	2	GÎZA	
HELWÂN	00	7	02	6	0	2	8	17.5	+0.7	21.9	31	+2	19	+2	77	16	0	0	1	HELWÂN	
FAIYÛM	00	8	02	2	0	0	—	17.4	+1.0	22.0	31	+1	19	+3	80	18	0	0	0	FAIYÛM	Upper Egypt
BENI SUEF	00	9	02	1	0	0	—	16.8		22.7	32		15		75	18	0	0		BENI SUEF	
MINYA	00	7	32	2	0	2	1	16		20	32		18		78	16	0	0		MINYA	
ASYÛT	00	7	20	1	0	0	—	16.0	+0.3	22.1	31	+2	18	+1	69	16	0	0	0	ASYÛT	
NAG' HAMMÂDI	00	8	20	1	0	0	—	16.3	+1.5	23.6	33		14		55	14	0	0		NAG' HAMMÂDI	
QENA	02	6	28	1	0	8	4	15.6	+1.4	21.4	36	+2	19	+2	59	12	0	0		QENA	
LUXOR	01	8	00	0	2	5	8	15		24	33		16		47	12	0	0		LUXOR	
ASWÂN	02	9	30	1	5	8	4	14.3	+0.6	26.0	38	+3	22	+2	44	13	dr.	dr.		ASWÂN	
SIWA	00	7	00	0	0	0	—	19.6	+1.5	20.3	31	0	17	+4	54	10	0	0	0	SIWA	Oases
BAHARÎYA	01	8	32	2	1	3	8	18.2	+1.0	18.5	30	0	16	+1	85	15	0	0	0	BAHARIYA	
FARAFRA	02	8	04	2	1	8	5	17.8		19.7	31		17		72	15	0	0		FARAFRA	
DAKHLA	03	7	24	1	2	10	6,5	17.3	+1.1	21.	32	0	19	+3	63	13	dr.	dr.		DAKHLA	
KHARGA	02	6	04	1	2	9	5	16.3	+1.1	22.2	33	0	21	+4	48	10	0	0		KHARGA	
SUEZ	00	5	00	0	0	2	8	16.6	+0.9	23.0	31	+1	20	+2	83	20	0	0	1	SUEZ	Red Sea
TÔR	00	9	04	1	0	0	—	14.7	+0.2	21.9	29	+1	16	-1	70	15	0	0	0	TOR	
HURGHÂDA	00	9	30	1	0	0	—	15		24	27		18		54	14	0	0		HURGHADA	
QUSEIR	01	8	30	2	1	5	5	15.0	+1.0	27.0	29	-1	22	0	44	14	0	0	0	QUSEIR	
PORT SÛDÂN	00	8		3	0	1	1	12		29					49	17	0	18	11	PORT SUDAN	
WADI HALFA																	0	0		WÂDI HALFA	North Sûdân
KAREIMA	00	8	22	1	0	0	—	12		23					36	7	0	0	1	KAREIMA	
'ATBARA	00	8	30	1	0	0	—	12		27							0	dr.	1	'ATBARA	
KHARTÛM	00	8	30	3	0	0	—	12									0	3	3	KHARTÛM	
KASSALA	01	8	08	2	1	5	4			31					41	16	0	2	7	KASSALA	
WAD MEDANI																	0	11	9	WAD MEDANI	Central Sûdân
RENK																	0	0	36	RENK	
ROSEIRES	00	8	32	3	1	0	—	12		25					19	0	0	0	24	ROSEIRES	
EL OBEID																	0	0	13	EL OBEID	
EL FÂSHER	00	8	26	3	1	1	1			21					26	1	0	0	6	EL FASHER	
GENEINA	00	8	08	2	0	2	8,4,2			18					32	1			4	GENEINA	
MALAKÂL																	0	75	70	MALAKAL	S. Sûdân
WÂU																	0	217	110	WÂU	
JUBA																	26	101	80	JUBA	

HUMIDITY

Mean of day

Station	on 25th	Diff. from normal
Alexandria	74	+6
Ezbekîya	77	+10
Gîza	77	+8
Helwân	65	+11

GIZA
GRASS MINIMUM TEMP.
ON 26th 13.8 °C

Remarks

UPPER AIR OBSERVATIONS on 25th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT

ON ... AT ...

Height feet	Pressure mbs.	Dry °C	Wet °C
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT — RAWINSONDE

ON 26th AT 3

Pressure mbs.	Height feet	Temp °C	Humidity %	Wind DD	Wind VV
Surface		19	96	50	7
1000	490	20	95	50	7
950					
900	3450	20	25	60	29
850	5060	17	25	60	24
800	6740	13	35	70	15
700	10370	4	25	80	7
600	14430	-4		360	2
500	19040	-15		240	8
400		-27			
800	31050	-41		210	24
250					
200	39880	-53		230	32
150		-59			
100					

Upper winds on 25th

Station	Matruh				Fouad A.P.		Almaza		P. Said				Minya	
Time	14	15			15	15	14	30	14				15	
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	40	9			30	16	40	22	50	16			360	30
500	30	6			60	14	50	20	50	17			10	36
1000	60	6			80	9	50	20	60	17			20	29
1500					60	13	40	10	70	5			30	10
2000					80	16	60	4	60	3			80	4
3000					10	2	50	8	140	4			110	13
4000							10	8	30	6			100	11
5000							330	7						
6000							80	4						
7000							180	3						
8000							190	6						

Station														
Time														
Height m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200														
500														
1000														
1500														
2000														
3000														
4000														
5000														
6000														
7000														
8000														

UPPER AIR OBSERVATIONS on 26th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'îd		Farouk Airport		Almâza		Helwân		Minya		Asyût		Luxor		Aswân		Siwa	
Time	5		4	45	4		4		3				7	15	3				6	15	5		5	
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	40	8	60	10	20	12	30	14	60	15			40	6	40	23			30	27	360	5	70	14
500	50	6	50	10	20	13	40	13	60	23			60	7	50	23			50	8	90	22	70	[illegible]
1000	EnE Cu		50	22	20	16	30	11	60	25			60	36	30	18			80	18	[illegible]	24	70	
1500			100	22	10	16	60	3	60	22			90	7	30	10			360	12	40	10		
2000					360	28	40	6	70	13			80	12	30	3			20	3	130	22		
3000					10	37			90	8											[illegible]	16		
4000							30	3	270	2														
5000									220	4														
6000									240	9														
7000																								
8000																								

Station	Baharîya		Dakhla		Kharga		Hurghada		Wâdi Halfa		Abu Hamâd		Kareima		Khartûm		Kassala		El Obeid		El Fasher		Malakal	
Time			5		5	15	8																	
Height m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			320	5	70	3	300	17																
500			310	3	60	3	320	15																
1000			50	4	30	4	270	4																
1500			90	3	60	6	120	4																
2000			200	7	40	8	180	9																
3000			200	9	90	3	220	9																
4000					170	25																		
5000																								
6000																								
7000																								
8000																								

Note: All times G.M.T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

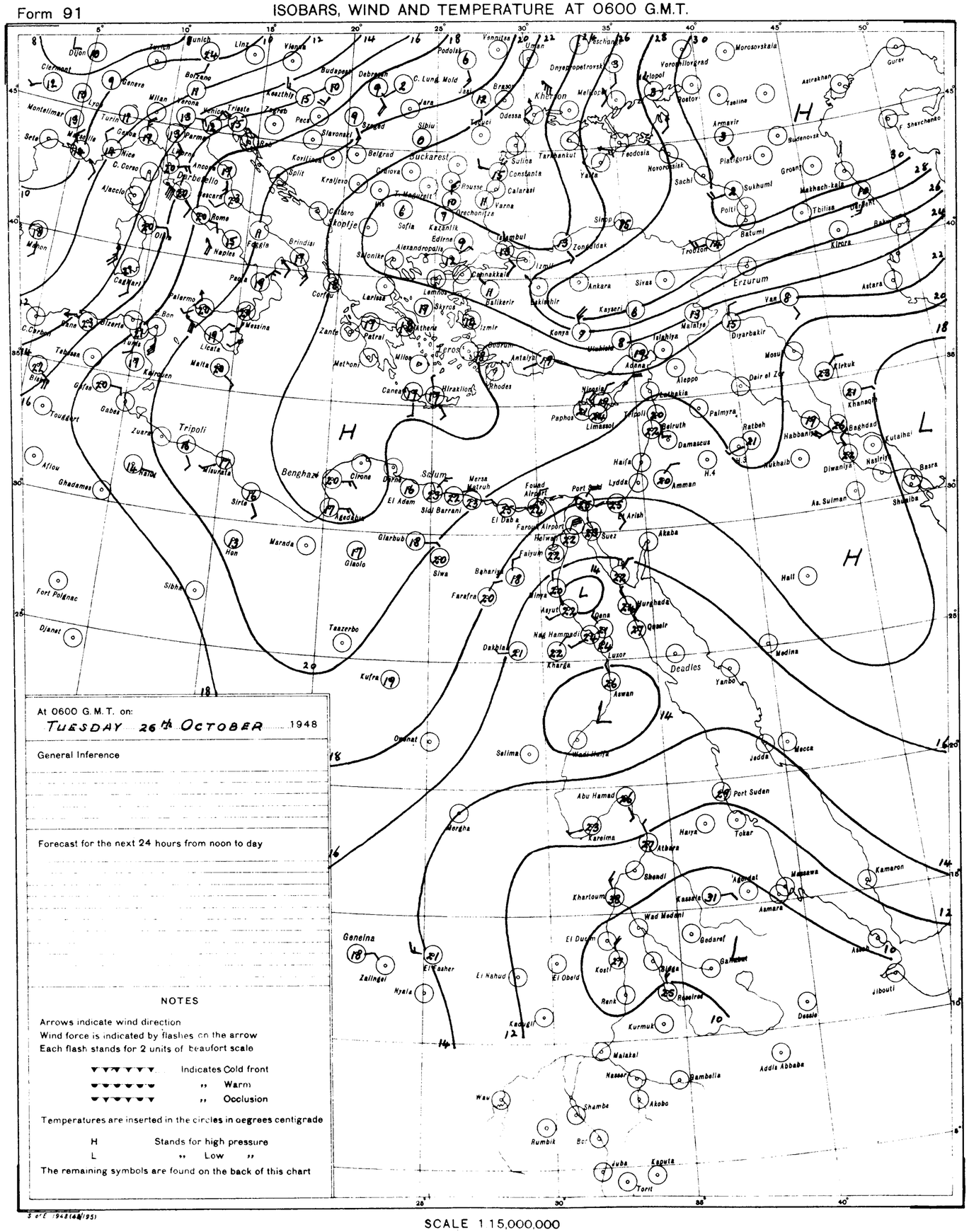
WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Printed by the Survey of Egypt 1948 (48/195)

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:

TUESDAY 26th OCTOBER 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction

Wind force is indicated by flashes on the arrow

Each flash stands for 2 units of beaufort scale

Indicates Cold front

,, Warm

,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure

L ,, Low ,,

The remaining symbols are found on the back of this chart

S.o.E. 1948 (44/195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 05 G.M.T.
" " Sunset 15 13 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

DAILY WEATHER REPORT

Date: WEDNESDAY 27 th OCTOBER, 1948.

Form 91

LIBRARY MAR 8 1949 WEATHER BUREAU

At 1200 on TUESDAY 26 th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI	01	8	02	2	1	5	8	19.9	23.5	79	20	0
	160	MATRÛH	00	8	05	2	1	0	-	20	24	57	18	0
	134	EL DABA	00	9	08	1	0	0	-		26.2	67	19	0
	132	ALEXANDRIA												
	150	FOUAD (Airport)	00	8	04	3	0	1	8	17.2	26	70	20	0
	159	DAMIETTA	00	8	02	3	0	0	-	16.8	25.0	68	19	0
	161	PORT SAʿID	00	7	02	4	0	0	-	17	26	70	20	0
	135	EL ʿARISH	00	7	32	3	0	0	-	15.4	25.9	86	23	0
LOWER EGYPT	136	DAMANHUR	00	7	04	4	0	0	-	18.0	27.8	54	18	0
	137	MANSURA	01	8	04	2	1	3	4	17.1	28.8	48	17	0
	138	TANTA	00	8	32	3	0	0	-	17.4	30.0	36	13	0
	139	ZAGAZIG	01	6	32	2	0	3	1	17.4	29.0	46	16	0
		SHIBÎN EL KÔM	00	8	04	3	0	0	-	17.1	30.6	38	15	0
		ISMAʿILIA	02	6	32	3	2	8	5	15.8	28.9	47	16	0
CAIRO AREA	928	FAROUK (Airport)	01	8	04	5	0	5	2	16	29	37	13	0
	141	ALMÂZA	01	8	02	5	1	5	1	15.8	29.0	39	14	0
		EZBEKÎYA	01	8	02	2	0	5	2	16.0	28.5	44	15	0
		GÎZA	01	8	02	2	0	5	2	15.8	29.0	39	14	0
	143	HELWÂN	01	7	32	6	1	7	1	15.2	30.5	30	11	0
UPPER EGYPT	153	FAIYÛM	01	8	30	3	1	3	6	15.1	30.0	41	15	0
		BENI SUEF	01	9	02	1	0	5	5	14.7	31.9	40	17	0
	162	MINYA	01	8	31	1	1	5	1	15	30	46	17	0
	155	ASYÛT	01	7	22	1	1	5	5	14.6	27.1	43	13	0
	164	NAGʿ HAMMÂDI	00	8	24	1	0	0	-	12.6	32.0	36	15	0
	156	QENA	01	7	24	2	5	7	4	12.3	31.0	47	18	dr
	157	LUXOR	01	8	01	2	1	7	8	12	31	28	10	0
	158	ASWÂN	02	9	04	1	1	8	4	9.5	36.7	15	06	0
OASES	148	SIWA	00	8	28	2	0	0	-	18.4	31.5	51	21	0
	149	BAHARÎYA	01	8	04	2	1	5	4	15.5	31.0	32	13	0
		FARAFRA												
	152	DAKHLA	02	8	32	4	5	9	5	13.7	28.4	52	17	dr
	151	KHARGA												
RED SEA	144	SUEZ	01	8	32	3	1	5	6	14.0	29.0	45	16	0
	145	TÔR	00	8	28	3	0	0	-	14.0	27.0	63	19	0
	163	HURGHÂDA	01	9	02	2	0	5	8	14	26	70	20	0
	147	QUSEIR	02	8	32	2	2	9	6	13.1	27.2	66	20	0
	208	PORT SÛDÂN	00	9	04	5	1	3	2	10	32	52	21	0
NORTH SUDAN	165	WADI HALFA												
	166	KAREIMA	00	8	18	2	0	0	-	8	36	15	06	0
	167	ʿATBARA	00	8	24	2	0	0	-	7	37	13	04	0
	209	KHARTUM	00	8	30	3	0	1		8	31	13	0	0
	170	KASSALA	01	8	04	3	0	3	8	5	36	27	14	0
CENTRAL SUDAN	171	WAD MEDANI	02	8	28	3	0	9	5	6	36	12	02	0
	182	RENK	01	9	30	4	1	5		8	37			0
	172	ROSEIRES	01	8	30	2	0	3	5	10	34	36	17	0
	174	EL OBEID	02	8	28	2	0	10	4	5	37	11	01	0
	175	EL FASHER	01	8	06	3	2	5	2		33	14	02	0
	179	GENEINA	00	8	20	2	0	1	8		33	14	02	0
SOUTH SUDAN	176	MALAKÂL	02	8	24	1	6	10	8	10	22	95	22	dr
	177	WÂU	02	8	00	0	1	10	4	8	30			0
	178	JUBA	62	7	24	1	6	10	6,1	10	22	95	22	R

At 1800 on 26 th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARÂNI	01	5	06	1	1	3	8	20.3	21.2	87	19	0
MATRÛH	00	8	05	2	0	1	6	20	21	83	18	0
EL DABA	01	7	32	1	1	5	8		23.0	83	20	0
ALEXANDRIA	00	5	04	3	0	0	-	19.1	23.0	79	19	0
FOUAD (Airport)	00	7	04	2	0	0	-	18.7	22	83	19	0
DAMIETTA	00	7	30	3	1	0	-	17.2	22.8	76	18	0
PORT SAʿID	00	7	02	4	0	0	-	17	24	74	19	0
EL ʿARISH	02	9	32	3	2	8	8	15.5	24.6	84	22	0
DAMANHUR	00	6	04	2	0	0	-	18.6	21.2	89	19	0
MANSURA	00	6	02	1	1	0	-	18.0	21.5	82	19	0
TANTA	00	8	00	0	0	0	-	18.3	23.0	80	19	0
ZAGAZIG	01	6	32	2	1	3	1	18.7	21.2	82	18	0
SHIBÎN EL KÔM	00	7	04	2	0	0	-	18.2	23.1	67	18	0
ISMAʿILIA	00	6	02	1	0	0	-	17.1	23.0	78	19	0
FAROUK (Airport)	00	7	06	3	0	0	-	18	23	69	17	0
ALMÂZA	00	7	04	3	1	0	-	18	23	65	16	0
EZBEKÎYA	00	7	00	0	0	0	-	18.0	22.0	73	17	0
GÎZA	00	7	00	0	0	0	-	17.9	21.1	74	16	0
HELWÂN	01	7	32	3	1	5	1	17.5	23.2	65	16	0
FAIYÛM	01	8	32	2	1	3	6	16.7	24.6	54	15	0
BENI SUEF	00	9	02	2	0	0	-	15.9	24.8	53	15	0
MINYA	01	7	02	3	1	5	2	15	24	69	18	0
ASYÛT	01	5	20	1	1	3	5	15.1	23.8	54	14	0
NAGʿ HAMMÂDI	00	8	00	0	0	0	-	12.8	23.0	60	15	0
QENA	01	6	24	2	1	5	4	13.2	25.4	45	12	0
LUXOR	00	7	04	2	1	0	-	12.	28	23	05	0
ASWÂN	00	9	32	3	0	0	-	10.4	32.4	24	09	0
SIWA	00	6	00	0	0	0	-	17.9	25.2	58	16	0
BAHARÎYA	02	7	32	2	1	8	4	15.5	26.0	39	11	0
FARAFRA	02	4	18	2	2	9	5	16.4	25.2	47	13	0
DAKHLA	01	7	28	3	1	7	5	14.4	24.1	60	16	0
KHARGA	00	6	32	1	0	2	3	15.4	24.0	46	12	0
SUEZ	00		00	0	0	0	-	16.2	24	73	19	0
TÔR	00	8	28	3	0	0	-	13.6	25.0	82	22	0
HURGHÂDA	00	8	30	2	1	2	8	14	26	74	21	0
QUSEIR	01	8	30	2	1	3	5	14.0	25.6	69	20	0
PORT SÛDÂN	00	8	32	2	1	1	2	10	28	66	21	0
WADI HALFA	00	8	24	1	0	0	-	10	28	22	04	0
KAREIMA												
ʿATBARA	00	8	00	0	0	0	-	10	29	20	04	0
KHARTUM	00	8	32	2	0	0	-	10	30	16	01	0
KASSALA	00	8	32	1	1	0	-	8	27	45	14	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	01	8	30	2	1	3	2	9	27	23	04	0
EL FASHER	00	8	00	0	1	0	-		26	30	07	0
GENEINA	25	8	00	0	5	9	8		22	89	20	R
MALAKÂL	02	8	18	3	1	10	4	9	23	94	22	0
WÂU	11	7	00	0	9	10	6	13	22	89	20	dr
JUBA												

At 0600 on WEDNESDAY 27 th

Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb TT	Maximum Yesterday TxTx	Diff. from norm.	Minimum Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall mms. Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	Station	Area
00	9	02	1	0	1	8	20.0		22.3	24		15		75	17	0			SÎDI BARÂNI	MEDITERRANEAN
01	7	28	1	0	5	6	20		19	26		15		83	16	0	4		MATRÛH	
02	7	01	4	1	8	6			24.3	27				60	16	0	0		EL DABAʿ	
01	9	04	2	1	3	1	18.6	+1.3	22.2	26	-1	21	+2	70	17	0	2	5	ALEXANDRIA	
01	7	02	2	0	5	1	18.4		24	27		19		61	16	0	2		FOUAD (Airport)	
01	8	32	3	1	3	1	17.0	+0.9	24.2	26		20		70	18	0	0	5	DAMIETTA	
00	7	02	4	0	0	-	17		25	27		23		70	19	0	0		PORT SAʿID	
01	9	18	2	1	3	6	14.7	-1.1	24.8	27	0	19	+3	76	20	0	0	3	EL ʿARISH	
00	5	04	2	0	0	-	18.0	+1.1	21.8	29	0	17	+1	87	20	0	t	3	DAMANHÛR	LOWER EGYPT
01	7	32	1	1	5	4	18.0	+1.6	23.0	30	+1	18	+1	76	19	0	0	2	MANSÛRA	
01	8	28	1	1	5	8	18.4	+1.4	20.4	30	+1	15	0	92	19	0	0	2	TANTA	
00	6	26	2	0	1	1	18.6	+1.7	20.0	30	+1	16	+1	91	19	0	0	1	ZAGAZIG	
00	7	30	2	0	1	4	18.2	+1.3	19.3	31		17		90	18	0	0		SHIBÎN EL KÔM	
02	5	24	2	2	9	5	17.8		20.5	29		18		86	18	0	0		ISMAʿILIA	
01	6	32	1	1	5	6	17		20	30		17		94	19	0	0		FAROUK (Airport)	CAIRO AREA
01	7	04	3	2	7	6,4	17		20	30		18		88	18	0	0		ALMÂZA	
01	7	32	1	0	5	4	17.5	+0.8	20.1	30	+1	19	+2	87	18	0	0	1	EZBEKÎYA	
01	7	32	1	0	5	4	17.2	+0.3	20.5	29	+1	17	+3	86	18	0	0	2	GÎZA	
02	6	02	6	2	8	6	16.3	-0.6	21.5	30	+1	18	+1	77	18	0	0	1	HELWÂN	
02	8	02	2	2	9	6	17.2	+0.8	21.8	31	+1	19	+3	81	19	0	0	0	FAIYÛM	UPPER EGYPT
02	8	30	1	0	9	7	17.8		21.7	32		18		83	19	0	0		BENI SUEF	
22	7	29	3	9	8	4	16		21	30		19		83	18	dr	dr		MINYA	
01	6	20	1	1	5	4	15.0	-0.8	22.8	28	-1	19	+3	68	17	0	0	0	ASYÛT	
00	8	00	0	0	0	-	13.7	-1.2	23.6	33		16		59	17	0	0		NAGʿ HAMMÂDI	
01	7	24	2	1	5	4	12.7	-1.6	22.1	32	-1	20	+3	65	15	dr	dr		QENA	
01	7	00	0	1	5	6	13		25	33		18		51	14	0	0		LUXOR	
01	9	02	1	1	3	4	12.0	-1.8	27.3	38	+3	23	+3	42	13	0	dr		ASWÂN	
00	7	32	2	0	0	-	22.2	+4.1	16.5	32	+1	14	+1	57	07	0	0	0	SIWA	OASES
02	7	32	2	2	9	4	17.2	0.0	19.0	32	+3	17	+2	90	17	0	0	0	BAHARIYA	
03	8	32	4	5	10	8	17.6		19.7	30		18		83	17	dr	dr		FARAFRA	
02	7	28	4	1	8	4	14.7	-1.5	22.1	29	-3	18	+2	69	16	dr	dr		DAKHLA	
00	6	32	2	0	5	3	13.5	-1.7	23.6	33	0	17	0	50	12	0	0		KHARGA	
02	5	00	0	2	9	9	17.2	+1.4	23.0	30	0	20	+2	74	18	0	0	1	SUEZ	RED SEA
01	7	28	5	2	7	2	15.5	+0.9	24.2	29	+1	21	+4	74	19	0	0	0	TOR	
																0	0		HURGHADA	
01	8	18	1	0	3	4	14.2	+0.2	28.4	29	-1	22	0	59	19	0	0	0	QUSEIR	
										33						0	18	11	PORT SUDAN	
																0	0		WÂDI HALFA	NORTH SUDAN
																0	0	1	KAREIMA	
																0	dr	1	ʿATBARA	
																0	3	3	KHARTÛM	
																0	2	7	KASSALA	
																0	11	9	WAD MEDANI	CENTRAL SUDAN
																0	0	38	RENK	
																0	0	25	ROSEIRES	
										37						0	0	13	EL OBEID	
										34						0	0	6	EL FASHER	
																R		4	GENEINA	
										32						dr	75	71	MALAKAL	SOUTH SUDAN
										30						dr	217	113	WAU	
																11	112	83	JUBA	

HUMIDITY

Mean of day

Station	on 26 th	Diff. from normal
Alexandria	76	+8
Ezbekiya	77	+10
Giza	80	+[illegible]
Helwan	65	+11

GIZA

GRASS MINIMUM TEMP.

On 27 th [illegible]

Remarks

UPPER AIR OBSERVATIONS on 26 th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT

ON Height feet	Pressure	Dry	Wet
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT — RAWINSONDE

ON 27 th " 4

Pressure mbs.	Height feet	Temp °C	Humidity	Wind DD	Wind VV
Surface 1008		18	88	10	5
1000	450	18	85	10	5
950					
900	3410	19	35	60	16
850	5010	16	25	90	8
800	6690	13	25	150	5
700	10300	4	55	230	26
600	14320	-7	75	230	28
500	18910	-16	35	200	15
400					
300	30840	-43	-	220	33
250					
200	39510	-59	-		
150					
100					

Station	MATRUH		FOUAD A.P.		PORT SAID		MINYA	
Time	13 45		15		14		14 45	
Height m	DD	VV	DD	VV	DD	VV	DD	VV
200	20	12	40	13	10	19	350	17
500	50	9	30	20	50	8	360	17
1000	50	13	40	11	40	7	360	16
1500	40	15	50	10	80	6	360	16
2000	350	8	60	7	150	7		
3000	360	5	70	10				
4000	180	3						
5000	260	6						
6000								
7000								
8000								

UPPER AIR OBSERVATIONS on 27 th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Station	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SAID		FAROUK AIRPORT		ALMAZA		HELWAN		MINYA		ASYUT		LUXOR		ASWAN		[illegible]	
Time	5		4				3 30		4				7 15		5 45				5 45		5		5	
Height m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	20	10	360	8			40	17	30	19			10	4					70	12	20	7	70	15
500	20	9	10	7			40	16	40	13			20	8					100	13	110	17	70	16
1000	20	8	20	14			40	16	50	15			90	15					100	11	140	15	60	14
1500	40	10	20	18			20	10	190	7			160	4					ENT. Sc.		160	23	30	9
2000	50	10					90	2	160	4			200	9							150	25	20	10
3000	310	11					40	7					220	7									30	7
4000	310	2					40	4															50	9
5000	350	2					40	4	200	22														
6000									190	14														
7000																								
8000																								

Station	BAHARIYA		DAKHLA		KHARGA		HURGHADA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
Time			5		5 15																			
Height m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			340	19	10	18																		
500			350	22	30	21																		
1000			350	36	40	16																		
1500			350	29	100	21																		
2000			50	18	120	16																		
3000					170	23																		
4000																								
5000																								
6000																								
7000																								
8000																								

Note: All times G.M.T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms	9

[illegible] FORM (C)

[illegible]

WIND FORCE (F)

[illegible]

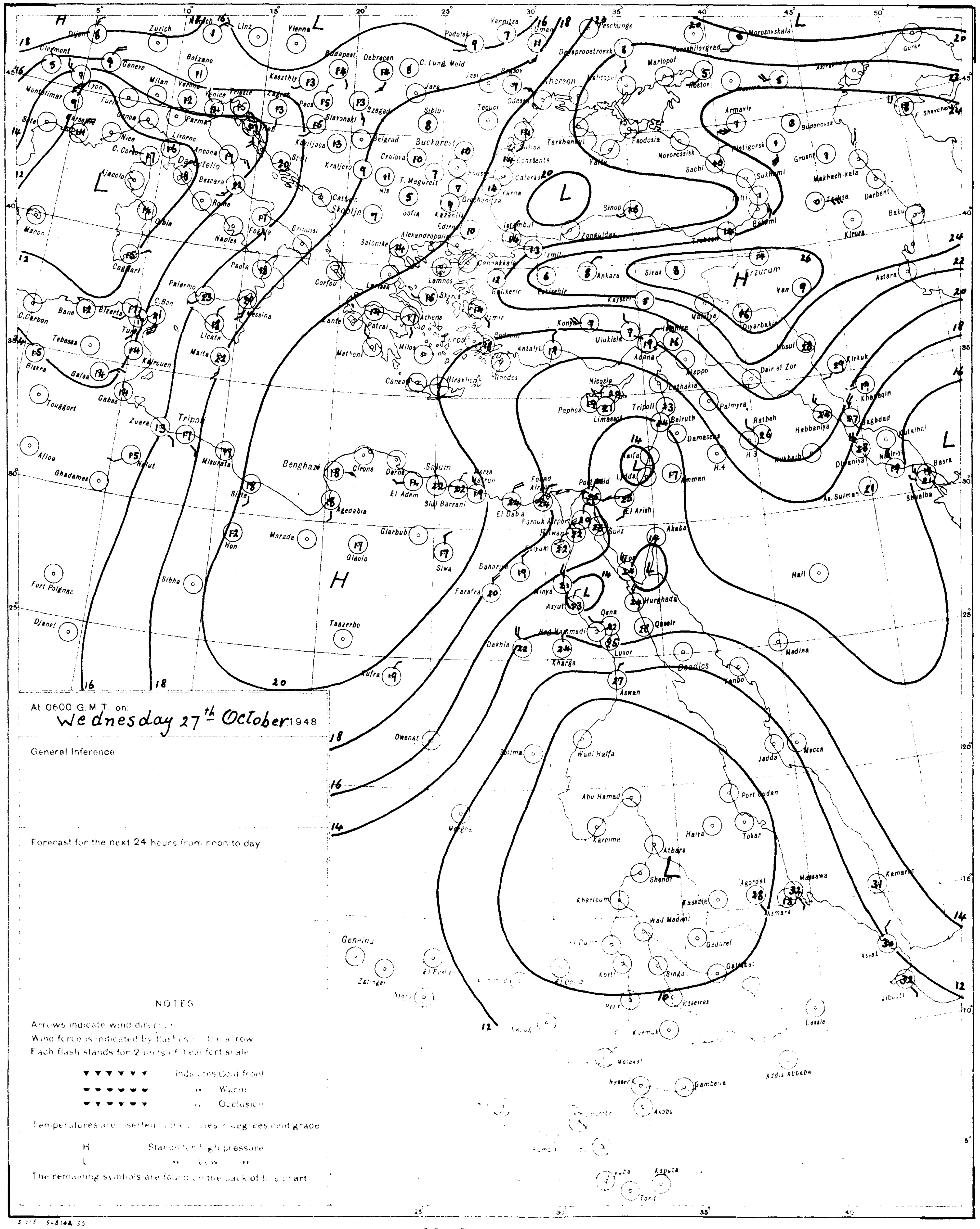
WIND DIRECTION (DD)

[illegible] 32 [illegible]
08 East 16 South
24 West 32 North
00 is Calm

Printed by the Survey of Egypt 1948 (48/195)

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
Wednesday 27th October 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of Beaufort scale

▼▼▼▼▼▼ Indicates Cold front
▼▼▼▼▼▼ ,, Warm ,,
▼▼▼▼▼▼ ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for High pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

S.O.E. 5-8(48) 551

SCALE 1:15,000,000

METEOROLOGICAL DEPARTMENT
MAR 8 1949
WEATHER BUREAU

CAIRO
Time of Sunrise 04 06 G.M.T.
" " Sunset 15 12 G.M.T.

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

Form 91

DAILY WEATHER REPORT

Date : THURSDAY 28th OCTOBER , 1948.

AREA	INDEX NUMBER	STATION	At 1200 on WEDNESDAY 27th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C. TT	HUMIDITY % UU	DEW POINT °C.	RAIN 6-12 G.M.T. mms	At 1800 on 27th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C. TT	HUMIDITY % UU	DEW POINT °C.	RAIN 12-18 G.M.T. mms	At 0600 on THURSDAY 28th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESSURE M.S.L. mbs. PPP	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb TT	TEMPERATURE °C. MAXIMUM Yesterday TxTx	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today TnTn	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY % UU	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct 1	RAINFALL mms. Norm. From Oct 1	STATION	AREA
MEDITERRANEAN	146	SIDI BARÂNI													00	6	02	2	0	0	—	19.6	21.1	79	17	0	02	9	20	1	0	1	8	19.9		19.3	24		14		87	17	0			SIDI BARÂNI	MEDITERRANEAN
	160	MATRÛH													00	8	02	3	2	2	2	20	21	95	20	0	01	7	29	2	0	3	6	20		22	26		15		69	16	0	4		MATRÛH	
	134	EL DABA	02	8	32	2	1	8	6		24.3	60	16	0	01	7	28	2	1	5	8		22.0	74	17	0	00	9	32	1	0	0	—			23.4	26				65	16	0	0		EL DABA	
	132	ALEXANDRIA	01	5	04	2	2	5	5	17.1	24.0	81	20	0	01	6	26	3	2	5	4	18.6	22.2	81	19	0	02	9	04	2	2	8	5	18.2	+0.8	23.0	25	-2	17	-2	74	18	0	2	5	ALEXANDRIA	
	150	FOUAD (Airport)	01	7	02	2	1	5	5	17.0	25	70	19	0	00	7	02	2	1	0	—	18.1	22	83	19	0	01	7	02	1	0	5	6,4	18.1		23	26		17		74	18	0	2		FOUAD (Airport)	
	159	DAMIETTA	02	8	32	3	1	8	6	16.3	25.0	70	19	0	04	5	32	2	1	0	—	17.0	22.2	84	19	0	01	8	04	1	1	3	5,4	17.1	+1.0	23.9	26		18		75	19	0	0	5	DAMIETTA	
	161	PORT SA'ÎD	01	7	01	3	1	7	2	16	26	66	19	0	00	7	02	3	0	0	—	17	24	74	19	0	01	7	05	2	1	5	6,4	17		24	22		22		74	19	0	0	0	PORT SA'ÎD	
	135	EL 'ARISH	01	9	30	3	1	5	8	16.1	26.3	90	24	0	01	9	28	3	1	5	8	16.0	24.1	90	22	0	00	9	18	2	0	0	—	16.0	+0.2	23.3	28	+1	17	+1	84	20	0	0	3	EL 'ARISH	
LOWER EGYPT	136	DAMANHÛR	01	7	04	3	1	7	3	12.5	27.5	53	17	0	00	6	04	2	1	0	—	17.8	20.8	83	18	0	02	6	24	2	1	8	8	18.3	+1.3	20.8	29	0	15	-1	86	18	0	4	3	DAMANHÛR	LOWER EGYPT
	137	MANSÛRA	01	8	02	2	1	5	4	16.3	29.8	47	14	0	00	6	04	2	1	0	—	17.4	21.8	86	20	0	01	7	30	1	1	5	6	17.8	+1.4	20.5	30	+1	18	+1	84	17	0	0	2	MANSÛRA	
	138	TANTA	01	8	32	2	1	5	8	16.6	28.4	46	15	0	01	8	00	0	1	5	8	17.1	22.0	82	19	0	01	8	00	0	1	5	8	18.0	+0.9	18.0	30	+1	15	0	97	17	0	0	2	TANTA	
	139	ZAGAZIG	01	6	32	2	1	7	1	16.0	28.6	52	17	0	00	6	24	2	0	0	—	17.5	22.0	80	18	0	02		26	2	0	10	5	18.3	+1.4	19.8	30	+1	17	+2	97	19	0	0	1	ZAGAZIG	
		SHIBÎN EL KÔM	00	8	30	3	0	1	4	16.4	30.8	41	15	0	00	7	30	2	0	0	—	17.2	22.9	74	18	0	01	7	30	2	1	5	8	17.9	+1.0	19.4	31		17		89	17	0	0		SHIBÎN EL KÔM	
		ISMAÎLÎA	01	6	32	2	1	7	5	16.4	27.8	51	17	0	00	6	02	1	0	0	—	16.8	23.3	75	18	0	01	6	30	1	1	5		16.6		19.7	30		19		92	19	0	0		ISMAÎLÎA	
CAIRO AREA	928	FAROUK(Airport)	02	7	06	3	1	10	4	15	28	52	17	—	02	7	02	4	2	10	5	16	24		20	0	47	6	04	2	4	Mist	0	17		20	29		18		95	20	0	0		FAROUK(Airport)	CAIRO AREA
	141	ALMÂZA	02	7	04	3	1	7	4	15.0	28.4	44	15	0	02	7	04	4	2	9	4,5	16.5	25.0	62	17	0	05	5	04	2	1	10	6	17.3	+0.6	20.1	29		18		74	17	0	0		ALMÂZA	
		EZBEKÎYA	02	8	04	2	0	8	4	15.1	28.1	52	17	0	02	7	02	1	1	5	8	16.7	24.1	66	17	dr	05	6	04	1	1	5	6,4	17.5	+0.8	20.6	30	+1	19	+2	90	19	dr	dr	1	EZBEKÎYA	
		GÎZA	02	8	04	2	0	8	4	15.2	28.7	48	17	0	02	7	02	1	1	5	8	16.8	24.7	62	17	dr	05	6	04	1	1	5	6,4	17.4	+0.5	20.9	29	+1	19	+2	89	19	dr	dr	2	GÎZA	
	143	HELWÂN	02	7	32	4	2	9	4	14.4	29.5	33	12	0	02	6	32	4	2	5	9	4	15.9	25.2	57	16	dr	01	6	32	4	1	7	8	17.2	+0.3	20.8	30	+2	19	+2	84	18	dr	dr	1	HELWÂN	
UPPER EGYPT	153	FAIYÛM	02	8	30	2	2	10	6	14.8	28.5	49	17	0	02	8	30	1	2	10	6	15.2	24.3	60	16	0	02	8	32	3	2	10	7	17.0	+0.5	21.0	29	-1	19	+3	89	19	0	0	0	FAIYÛM	LOWER EGYPT
		BENI SUEF	01	8	02	1	0	5	9	14.8	29.4	51	18	0	00	9	02	1	0	0	—	14.4	25.1	59	16	0	01	9	02	2	0	5	4,5	16.3		23.1	29		19		80	19	0	0		BENI SUEF	
	162	MINYA	22	7	03	4	5	10	4	14	26	62	18	dr	01	7	01	3	1	6	3	14	24	61	16	dr	02	7	01	4	2	8	4,4	15		22	27		20		74	17	dr	dr		MINYA	
	155	ASYÛT	01	7	26	1	1	7	6	12.6	27.8	42	14	0	02	4	28	2	2	8	7	13.0	28.1	-	-	0	01	7	22	1	1	3	4	14.0	-1.9	22.3	30	+1	20	+4	77	18	0	0	•	ASYÛT	
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	9.8	31.4	46	18	0	00	8	00	0	0	0	—	10.0	24.2	66	17	0	00	8	00	0	0	0	-	12.6	-2.4	23.6	32	-	17	-	70	18	0	0		NAG' HAMMÂDI	
	156	QENA	01	8	24	2	1	5	4	9.5	36.0	37	18	0	01	6	24	2	1	6	4	10.2	27.2	44	14	0	02	7	24	2	1	8	4	12.4	-1.7	23.2	37	+4	20	+3	41	15	dr	dr		QENA	
	157	LUXOR	01	8	32	2	1	5	6	9	36	15	06	0	01	7	03	4	1	3	6	10	31	26	09	0	01	8	04	2	1	7	8	12		24	38		20		47	12	0	0		LUXOR	
	158	ASWÂN	02	9	16	4	1	8	4	7.5	37.0	14	06	0	00	9	00	0	0	0	—	9.2	37.0	18	09	0	00	9	00	0	0	0	-	11.2	-2.7	25.4	38	+3	21	+1	47	13	0	dr		ASWÂN	
OASES	148	SIWA	00	8	28	2	0	0	-	18.2	30.5	50	18	0	00	6	00	0	0	0	-	19.5	22.5	54	13	0	00	7	00	0	0	0	-	20.3	+2.1	12.5	31	+1	13	0	48	07	0	0	0	SIWA	OASES
	149	BAHARÎYA	02	8	32	2	2	9	4	14.8	28.5	33	10	0	02	7	32	2	2	9	4	15.8	24.0	55	14	0	02	7	32	3	2	9	4	17.1	+0.2	20.0	29	0	18	+4	86	18	0	0	0	BAHARIYA	
		FARAFRA	02	8	32	4	2	8	5	15.9	28.7	24	06	0	00	5	30	6	2	0	-	15.9	24.0	36	08	0	01	8	30	5	0	3	4	16.6		24.3	36		16		67	14	0	0		FARAFRA	
	152	DAKHLA	01	8	28	6	1	3	6	12.8	30.3	51	19	0	00	8	28	3	0	0	—	13.4	26.0	55	16	0	00	8	28	4	0	0	-	14.6	-1.7	22.0	34	+2	19	+3	66	15	0	dr		DAKHLA	
	151	KHARGA	01	7	32	3	0	7	4	9.8	32.3	21	07	0	00	7	32	3	0	0	-	11.1	29.0	28	09	0	00	6	32	6	0	0	—	11.2	-3.5	26	32	0	22	+5	39	10	0	0		KHARGA	
RED SEA	144	SUEZ	02	7	32	2	5	9	6	13.9	28.2	50	16	dr	00		00	0	0	0	-	15.5	24.0	67	18	0	01	6	00	0	0	0	-	15.8	-0.1	21.6	29	-1	19	+1	86	19	dr	dr	1	SUEZ	RED SEA
	145	TÛR																																												TÛR	
	163	HURGHÂDA	01	9	02	2	0	5	8,4	13	27	79	23	0	00	8	29	2	1	0	-	14	26	58	17	0	00	9	26	1	0	0	-	13		24	27		18		50	13	0	0		HURGHADA	
	147	QUSEIR	00	8	32	3	0	1	4	13.0	28.3	71	22	0	00	8	30	2	0	0	—	13.6	25.0	84	22	0	02	8	28	3	1	8	4	12.3	-1.8	25.3	29	-1	22	0	64	18	0	0	0	QUSEIR	
	208	PORT SÛDAN																																										0	18	11	PORT SUDAN	
N. SUDAN	165	WADI HALFA																																										0	0		WÂDI HALFA	N. SUDAN
	166	KAREIMA																																										0	0	1	KAREIMA	
	167	'ATBARA																																										0	dr	1	'ATBARA	
	209	KHARTÛM																																										0	3	3	KHARTÛM	
	170	KASSALA																																										0	2	7	KASSALA	
S. SUDAN CENTRAL SUDAN	171	WAD MEDANI																																										0	11	9	WAD MEDANI	S. SUDAN CENTRAL SUDAN
	182	RENK																																										0	0	39	RENK	
	172	ROSEIRES																																										0	0	26	ROSEIRES	
	174	EL OBEID																																										0	0	14	EL OBEID	
	175	EL FASHER																																										0	0	6	EL FASHER	
	179	GENEINA																																										0	0	4	GENEINA	
	176	MALAKÂL																																										0	75	72	MALAKAL	
	177	WÂU																																										0	217	116	WÂU	
	178	JUBA																																										0	112	86	JUBA	

HUMIDITY

Mean of day

STATION	on 27th	Diff from normal
Alexandria	74	+6
Ezbekiya	70	+3
Giza	68	-1
Helwân	62	+8

GIZA GRASS MINIMUM TEMP

ON 28th 17.0 °C

Remarks

UPPER AIR OBSERVATIONS on 27th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT

ON 28th AT 4h

HEIGHT FEET	PRESSURE mbs.	DRY °C	WET °C	WIND DD	WIND VV
SURFACE					
500					
1000					
1500					
2000					
4000					
6000					
8000					
10000					
12000					
14000					
16000					
18000					
20000					

FAROUK AIRPORT RAWINSONDE

ON 28th AT 4h

PRESSURE mbs	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE 1009		19	96		
1000	480	18	98		
950					
900					
850	3420	17	25		
800	5000	13	25		
700	10660	9	25		
600	14240	1	35		
500	18240	-8	55		
400	22790	-19	45		
300					
250	30600	-46	-		
200					
150	49330	-55			
100					

UPPER AIR OBSERVATIONS on 28th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION		MATRÛH		MINYA		PORT SAÎD			ALMAZA
TIME		14	15	15		14	15		14
HEIGHT m		DD	VV	DD	VV	DD	VV		DD VV
200		350	15	10	08	10	7		20 11
500		340	19	20	50	350	15		40 11
1000		350	14	360	31	310	5		30 11
1500		20	14	330	11				140 2
2000		10	15						Ent Cu
3000									
4000									
5000									
6000									
7000									
8000									

STATION									
TIME									
HEIGHT m		DD	VV	DD	VV	DD	VV	DD	VV
200									
500									
1000									
1500									
2000									
3000									
4000									
5000									
6000									
7000									
8000									

UPPER AIR OBSERVATIONS on 28th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÎD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME	5		4 15		3 30		4 15		4				7		3				5 45		5		5	
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	330	8	340	10	360	12	40	17	30	10			10	8	10	33			10	16	250	2	50	16
500	330	10	350	10	360	11	40	13	40	15			30	12	10	28			20	20	190	2	40	17
1000	340	10	10	15	30	11	60	9	50	15			40	15	360	35			60	12	210	7	10	14
1500	70	2	20	16	30	15	60	8	40	17			30	12	360	45			110	21	220	5	340	19
2000	40	7	20	11	30	13	60	6	340	10			Ent Cu						140	19	160	2	360	15
3000	60	9					60	6	250	6											140	10	10	10
4000																								
5000									160	18														
6000																								
7000																								
8000																								

STATION	BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FASHER		MALAKA	
TIME			5		5 15		8																	
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			340	15	20	35	340	30																
500			30	10	20	49	330	19																
1000			20	23	30	41	320	21																
1500			360	36			340	19																
2000							40	5																
3000							Ent Cu																	
4000																								
5000																								
6000																								
7000																								
8000																								

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
" "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms	9

CLOUD FORM (C)

Cirrus	1
Cirrostratus	2
Cirro cumulus	3
Alto cumulus	4
Alto-stratus	5
Strato cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

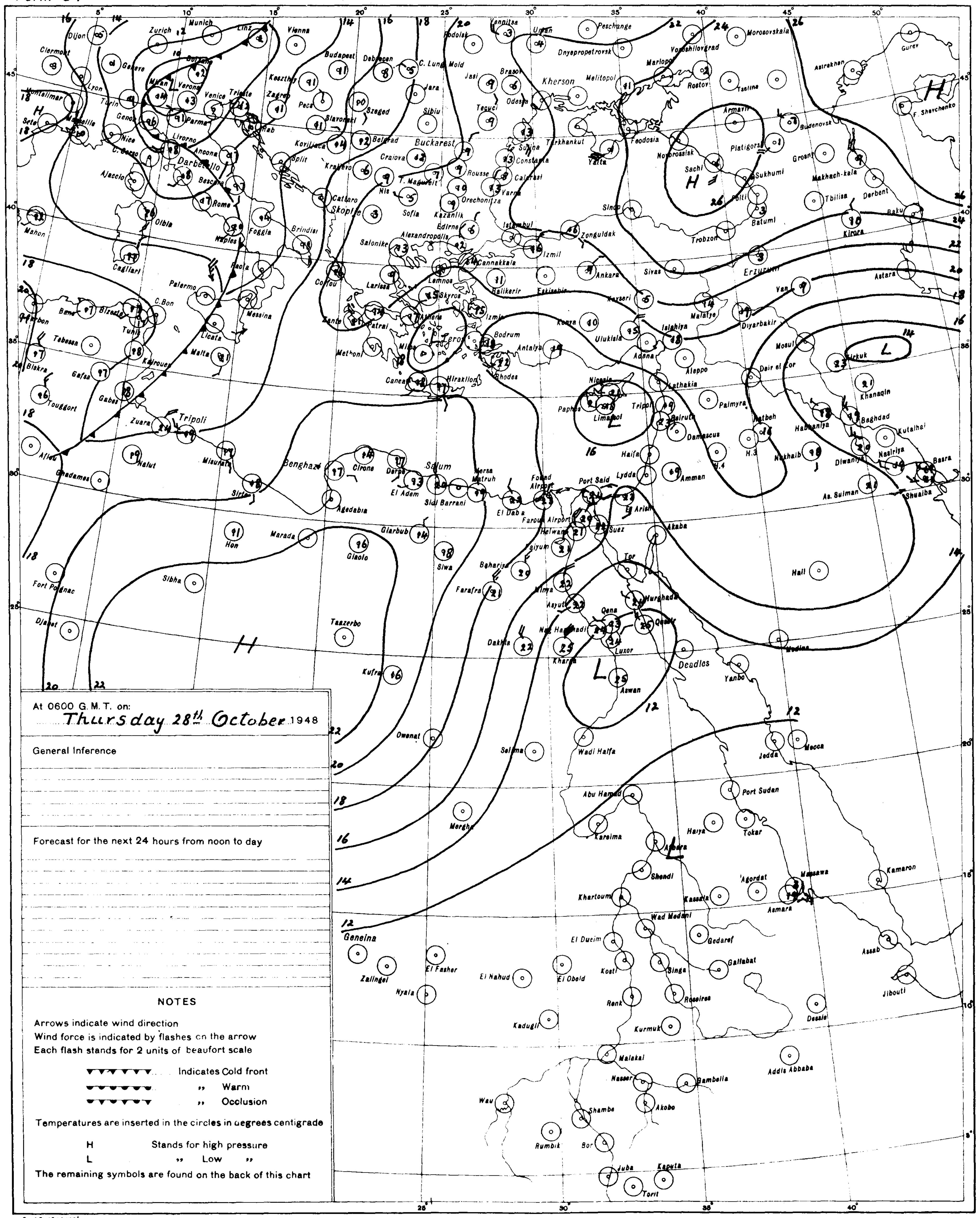
As on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Printed by the Survey of Egypt 1948 148/1951

Note: All times G.M.T.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: *Thursday 28th October* 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼ Indicates Cold front
●●●●●● ,, Warm
●▼●▼●▼ ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

LIBRARY MAR 8 1949 WEATHER BUREAU

Form 91

CAIRO
Time of Sunrise 04 06 G.M.T.
" " Sunset 15 11 G.M.T.

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

DAILY WEATHER REPORT

Date : FRIDAY 29th OCTOBER , 1948.

AREA	INDEX NUMBER	STATION	At 1200 on THURSDAY 28th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C. TT	HUMIDITY % UU	DEW POINT °C.	RAIN 6-12 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI	01	9	30	3	0	5	8	20.4	23.8	65	17	0
	160	MATRÛH	00	8	02	3	1	1	6	18	24	61	16	0
	134	EL DABA	02	7	32	2	1	8	6		24.0	61	16	0
	132	ALEXANDRIA	01	9	32	3	2	3	4	16.2	24.0	67	18	0
	150	FOUAD (Airport)	01	7	32	3	1	3	4	15.7	26	62	18	0
	159	DAMIETTA	00	8	30	2	1	2	3	15.4	24.8	70	19	0
	161	PORT SA'ÎD	00	8	32	4	0	1	6	15	25	74	20	0
	135	EL 'ARISH	00	9	32	3	0	2	8	14.6	25.4	90	23	0
LOWER EGYPT	136	DAMANHUR	01	7	04	4	1	3	1	15.6	27.0	52	16	0
	137	MANSURA	01	8	32	2	1	5	4	15.1	28.8	49	17	0
	138	TANTA	01	8	28	3	1	5	8	15.6	28.3	53	17	0
	139	ZAGAZIG	01	6	24	2	0	3	1	15.0	29.4	53	18	0
		SHIBÎN EL KÔM	01	8	30	3	1	5	4	16.0	29.4	37	13	0
		ISMAÎLÎA	00	6	02	2	0	0	—	15.1	27.9	55	18	0
CAIRO AREA	928	FAROUK(Airport)	01	8	04	4	0		3,3	14	28	55	18	0
	141	ALMÂZA	01	7	02	5	0	5	4	13.6	28.7	45	15	0
		EZBEKÎYA	01	8	04	2	1	5	4					
		GÎZA	01	8	04	2	1	5	4	13.8	28.8	46	16	0
	143	HELWÂN	01	7	30	4	1	5	4	13.4	29.3	40	14	0
UPPER EGYPT	153	FAIYÛM	02	8	32	3	2	9	6	12.7	29.0	40	14	0
		BENI SUEF	02	9	02	4	0	8	4	12.3	30.7	44	17	0
	162	MINYA	01	7	01	4	2	5	1	12	30	43	16	0
	155	ASYÛT	02	7	20	1	2	8	5	11.8	27.6	59	19	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	—	9.1	29.4	50	17	0
	156	QENA	21	7	24	2	6	8	4	9.1	28.0	57	19	dr.
	157	LUXOR	01	8	32	2	1	5	8	8	33	21	8	0
	158	ASWÂN	00	9	20	1	0	0	—	8.3	32.5	31	13	0
OASES	146	SIWA	00	8	00	0	0	0	—	19.2	28.2	56	18	0
	149	BAHARÎYA	02	8	04	2	2	9	4	14.8	29.5	37	9	0
		FARAFRA	14	7	32	6	0	0		13.2	28.7	36	12	0
	152	DAKHLA	00	9	28	3	0	0	—	11.5	29.6	49	18	0
	151	KHARGA	00	7	32	3	0	0	—	10.8	32.3	22	8	0
RED SEA	144	SUEZ	14	8	32	4	0	0	—	12.0	28.6	47	16	0
	145	TÛR	02	7	28	4	2	8	5	10.8	26.5	73	21	0
	163	HURGHÂDA	02	9	01	3	0	10	6,4	12	26	70	20	0
	147	QUSEIR	02	8	02	3	2	10	5	11.1	27.6	66	21	0
	208	PORT SÛDÂN	00	8	10	5	0	2	4	7	32	74	27	0
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA	00	8	28	3	0	0	—	10	32	20	6	0
	167	'ATBARA	00	7	30	3	0	0	—	8	33	11	-1	0
	209	KHARTÛM	00	8	28	3	0	0	—	8	34	9	-3	0
	170	KASSALA	00	8	30	2	0	0	—	4	37	13	4	0
CENTRAL SÛDÂN	171	WAD MEDANI												
	182	RENK	00	9	32	3	0	0	—	6	36	15	6	0
	172	ROSEIRES	00	8	20	3	0	0	—	8	33	32	14	0
	174	EL OBEID	01	8	32	4	1	5	4	7	36	19	-1	0
	175	EL FÂSHER	00	8	20	2	0	4	4		33	14	2	0
	179	GENEINA	00	8	10	2	0	1	4		33	15	3	0
S. SÛDÂN	176	MALAKÂL	00	7	32	3	1	4	4	8			17	0
	177	WÂU	02	8	32	2	1	8	8,4	6	33	38	17	0
	178	JUBA	25	8		1	5	3	9	7	31	55	21	tr

AREA	INDEX NUMBER	STATION	At 1800 on THURSDAY 28th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C. TT	HUMIDITY % UU	DEW POINT °C.	RAIN 12-18 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI	01	7	28	1	1	5	8	19.0	20.5	75	15	0
	160	MATRÛH	01	7	01	2	0	5	6	18	20	78	16	0
	134	EL DABA	00	6	32	1	0	0	—		22.7	64	16	0
	132	ALEXANDRIA	00	5	04	3	0	0	—	17.5	22.2	74	17	0
	150	FOUAD (Airport)	00	7	02	2	0	0	—	13	22	90	18	0
	159	DAMIETTA	00	7	30	2	1	0	—	15.6	22.0	83	19	0
	161	PORT SA'ÎD	00	7	03	4	0	0	—	16	24	77	20	0
	135	EL 'ARISH	01	9	02	4	1	5	8	14.8	23.4	90	21	0
LOWER EGYPT	136	DAMANHUR	00	6	04	2	1	0	—	16.4	20.3	83	17	0
	137	MANSURA	00	6	28	2	1	0	—	16.4	20.6	86	19	0
	138	TANTA	01	8	32	1	1	3	8	17.5	21.6	81	19	0
	139	ZAGAZIG	00	6	32	2	0	0	—	17.0	21.6	84	19	0
		SHIBÎN EL KÔM	00	7	30	2	0	0	—	17.5	22.2	73	17	0
		ISMAÎLÎA	00	6	03	1	0	0	—	15.2	22.2	75	17	0
CAIRO AREA	928	FAROUK(Airport)	00	7	02	4	0	0	—	16	22	94	21	0
	141	ALMÂZA	00	7	04	4	1	0	—	15.4	22.8	86	16	0
		EZBEKÎYA	00	7	02	1	0	0	—	16.2	21.9	76	17	0
		GÎZA	00	7	02	1	0	0	—	15.9	22.2	76	17	0
	143	HELWÂN	00	7	30	3	0	0	—	15.6	23.0	66	16	0
UPPER EGYPT	153	FAIYÛM	00	8	02	3	1	0	—	14.7	23.6	65	17	0
		BENI SUEF	00	9	02	2	0	0	—	14.3	23.8	60	16	0
	162	MINYA	01	7	01	4	1	5	1	13	25	54	15	0
	155	ASYÛT	01	7	01	4	1	7	5	12	26.5	40	13	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	—	9.9	28.5	55	11	0
	156	QENA	21	6	24	2	5	8	4	9.5	25.0	36	9	dr.
	157	LUXOR	01	7	04	1	1	5	8	10	28	29	8	0
	158	ASWÂN	00	9	00	0	0	0	—	9.0	30.0	36	13	0
OASES	146	SIWA	00	7	00	0	0	0	—	18.6	19.4	83	16	0
	149	BAHARÎYA	00	7	32	3	2	9	4	15.6	23.0	52	13	0
		FARAFRA	14	6	28	3	0	0	—	16.0	22.6	47	11	0
	152	DAKHLA	00	8	28	2	0	0	—	12.6	24.7	53	15	0
	151	KHARGA	00	6	32	2	4	0	—	10.0	28.5	27	7	0
RED SEA	144	SUEZ	00		30	3	0	0	—	14.0	23.6	74	18	0
	145	TÛR	01	7	28	1	2	5	—	12.0	24.7	80	20	0
	163	HURGHÂDA	01	8	30	2	2	5	6,4	11	26	66	19	0
	147	QUSEIR	01	8	28	3	1	5	4	11.0	25.4	73	20	0
	208	PORT SÛDÂN	00	8	28	3	0	0	—	10	29	79	25	0
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA	00	8	26	3	0	0	—	11	26	25	4	0
	167	'ATBARA	00	7	30	2	0	0	—	10	27	27	6	0
	209	KHARTÛM	00	8	30	2	0	0	—	10	29	14	-1	0
	170	KASSALA	00	8	30	2	0	0	—					
CENTRAL SÛDÂN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID	00	8	32	2	1	0	—	9	26	27	5	0
	175	EL FÂSHER	00	8	02	3	0	0	—		27	22	3	0
	179	GENEINA	00	8	02	3	0	0	—		27	19	1	0
S. SÛDÂN	176	MALAKÂL	00	8	00	0	0	0	—	9	26	74	21	0
	177	WÂU	02	8	00	0	1	8	2	9	27	62	19	0
	178	JUBA	01	8	18	1	1	5	6,4	11	24	74	21	

AREA	INDEX NUMBER	STATION	At 0600 on FRIDAY 29th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10	CLOUD Form C	BAR. PRESSURE M.S.L. mbs. PPP	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb TT	TEMPERATURE °C. MAXIMUM Yesterday TxTx	TEMPERATURE °C. MAXIMUM Diff. from norm.	TEMPERATURE °C. MINIMUM Today TnTn	TEMPERATURE °C. MINIMUM Diff. from norm.	HUMIDITY % UU	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct 1	RAINFALL mms. Norm. From Oct 1
MEDITERRANEAN		SIDI BARÂNI	01	9	18	1	1	5	8	18.0		18.3	24		14		83	15	0	17	
		MATRÛH	01	8	27	2	1	5	6	18		19	25		14		83	16	0	5	
		EL DABA	01	8	32	2	1	5	8	16.6		23.4	27				72	18	0	dr	
		ALEXANDRIA	00	9	02	2	0	0	—	16.4	-1.0	23.0	26	-1	21	+2	78	19	0	2	5
		FOUAD (Airport)	00	8	01	2	0	4	6	16.1		23	26		20		78	19	0	2	
		DAMIETTA	00	7	30	2	1	1	3	15.6	-0.6	23.2	26		18		81	19	0	dr	5
		PORT SA'ÎD	00	7	02	3	0	2	4	16		24	27		23		79	20	0	0	
		EL 'ARISH	02	9	20	2	2	8	8	15.1	-0.8	23.8	26	-1	18	+2	79	20	0	0	3
LOWER EGYPT		DAMANHÛR	00	6	04	2	0	0	—	16.7	-0.4	21.0	28	-1	16	0	84	18	0	tr.	3
		MANSÛRA	01	7	28	1	1	5	4	15.6	-0.8	20.5	29	0	18	+3	84	17	0	0	2
		TANTA	01	8	04	1	1	3	8	16.6	-0.5	21.0	29	0	14	-1	91	20	0	0	2
		ZAGAZIG	01	6	24	3	0	3	4	16.3	-0.6	22.2	29	0	16	+1	87	21	0	0	1
		SHIBÎN EL KÔM	00	7	02	2	0	0	—	16.8	-0.2	18.9	31		17		86	17	0	0	
		ISMAÎLÎA	01	7	26	1	1	3	4	16.4		23.2	30		18		88	21	0	0	
CAIRO AREA		FAROUK(Airport)	05	6	06	2	2	5	6	15		20	29		17		88	18	0	0	
		ALMÂZA	05	6	04	3	0	7	6	15.5	-1.3	20.4	29		17		83	18	0	0	
		EZBEKÎYA	05	6	32	1	2	9	6,4	15.6	-1.2	19.1	30	+1	18	+2	90	17	0	dr	1
		GÎZA	05	6	32	1	2	9	6,4	15.8	-1.2	20.0	29	+1	17	+3	89	18	0	dr	2
		HELWÂN	04	6	32	4	2	9	6,4	15.5	-1.3	20.9	29	+1	19	+2	81	18	0	dr	1
UPPER EGYPT		FAIYÛM	01	8	32	3	1	5	6	14.8	-1.7	20.7	30	0	18	+2	84	18	0	0	0
		BENI SUEF	00	9	04	4	0	0	—	14.7		24.8	31		18		53	15	0	0	
		MINYA	01	7	01	5	2	7	6	14		20	30		19		78	16	0	dr	
		ASYÛT	01	7	01	4	1	3	1	13.4	-2.6	21.2	28	-1	18	+2	80	17	0	-	0
		NAG' HAMMÂDI	00	8	00	0	0	0	—	11.9	-3.1	23.8	32		19		69	18	0	-	
		QENA	01	7	24	3	1	3	1	11.9	-2.5	22.9	31	-2	18	+2	69	17	dr.	dr	
		LUXOR	00	8	00	0	0	4	8	11		22	34		18		47	10	0	dr	
		ASWÂN	00	9	00	0	0	0	—	11.8	-2.2	24.8	33	-2	20	0	53	15	0	dr.	
OASES		SIWA	00	7	00	0	0	0	—	19.4	+1.2	17.4	29	-1	12	-1	57	8	0	0	0
		BAHARIYA	02	7	32	3	2	9	4	16.6	-0.7	20.0	29	0	16	+3	86	18	0	0	0
		FARAFRA	01	8	28	4	0	3	8	17.0		19.0	29		14		84	16	0	tr	
		DAKHLA	00	8	28	4	0	0	—	14.9	-1.5	20.2	31	-1	19	+3	70	14	0	dr.	
		KHARGA	00	7	32	3	0	0	—	14.2	-1.2	22.6	33	+1	20	+3	63	14	0	0	
RED SEA		SUEZ	02	5	00	0	2	9	9	14.6	-1.3	20.8	30	0	20	+2	88	19	0	dr	1
		TOR	00	9	04	1	0	0	—	12.3	-2.4	23.2	28	0	20	+3	80	19	0	0	0
		HURGHADA	01	9	28	3	0	5	4	12		24	29		19		87	15	0	0	
		QUSEIR	01	8	30	2	1	5	4	11.5	-2.7	25.6	29	0	23	0	71	19	0	0	0
		PORT SUDAN											32						0	18	12
NORTH SÛDÂN		WÂDI HALFA																	0	0	
		KAREIMA											33						0	0	1
		'ATBARA											34						0	dr.	1
		KHARTÛM											35						0	3	3
		KASSALA																	0	2	8
CENTRAL SÛDÂN		WAD MEDANI																	0	11	10
		RENK																	-	0	41
		ROSEIRES																	-	0	27
		EL OBEID											36						-	0	14
		EL FÂSHER											34						-	0	6
		GENEINA																	-		4
S. SÛDÂN		MALAKÂL											34						-	75	73
		WÂU											33						-	217	119
		JUBA											32						tr	112	89

HUMIDITY

Mean of day

STATION	on 28th	Diff. from normal
Alexandria	72	+4
Ezbekîya	77	+10
Giza	77	+8
Helwân	69	+15

GIZA
GRASS MINIMUM TEMP
ON 29th 14.6 °C

Remarks

UPPER AIR OBSERVATIONS on 28th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA
AEROPLANE ASCENT
ON 28th AT 4

HEIGHT FEET	PRESSURE mbs	DRY °C	WET °C
SURFACE			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT
RAWINSONDE
ON 28th AT 4

PRESSURE mbs	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
SURFACE		18	95	40	2
1000	430	18	95	40	2
950					
900	3290	19	25	50	15
850	5000	18	25	30	18
800	6680	14	25	60	13
700	10310	6	25	80	12
600	14270	-5	45	120	17
500	18940	-17	65	110	13
400		-29			
300	30860	-42		360	10
250					
200	39690	-51		280	45
150					
100					

STATION		Matruh		Fouad A.P.		Almaza		P. Said				Minya	
TIME		14 15		15		14		14 15				15	
HEIGHT m.	DD VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200		340	17	350	13	20	15	10	19			360	52
500		330	13	360	16	20	18	20	14			360	56
1000		340	11	350	14	30	26	30	12			360	65
1500		330	6	360	17	40	12	80	3			20	36
2000		220	2	360	22	50	10	180	9			10	54
3000		150	2	10	32	130	10	160	10				
4000						160	7	220	9				
5000						130	10	220	5				
6000						120	10						
7000						40	9						
8000													

STATION													
TIME													
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200														
500														
1000														
1500														
2000														
3000														
4000														
5000														
6000														
7000														
8000														

UPPER AIR OBSERVATIONS on 29th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION		SIDI BARÂNI		MATRÛH		QUAD AIRPORT		PORT SAÎD		FAROUK AIRPORT		ALMÂZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME		5		4 30				4 15				9				7				5 30				5	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	360	6	340	10			10	11	50	7	30	20			350	26			320	1			00	9
500	360	11	350	9			10	12	50	13	30	22			360	43			50	4			10	10
1000	10	5	10	8			10	10	50	13	30	20			100	19			40	10			360	19
1500	Entire		180	3			10	8	60	15	50	25			30	17			50	13			340	17
2000			150	3					60	9	60	6			80	4			200	6			310	5
3000			140	3					80	11	150	8			180	2							160	8
4000									120	13	140	17											70	10
5000									90	11													40	13
6000									110	6														
7000																								
8000																								

STATION		BAHARÎYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME				5		5 15		8																	
HEIGHT m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			310	18	360	12	320	17																
500			330	20	360	19	330	11																
1000			360	30	10	16	350	8																
1500			20	16			20	12																
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/195)

Note: All times G.M.T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbus, stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

WIND FORCE (F)

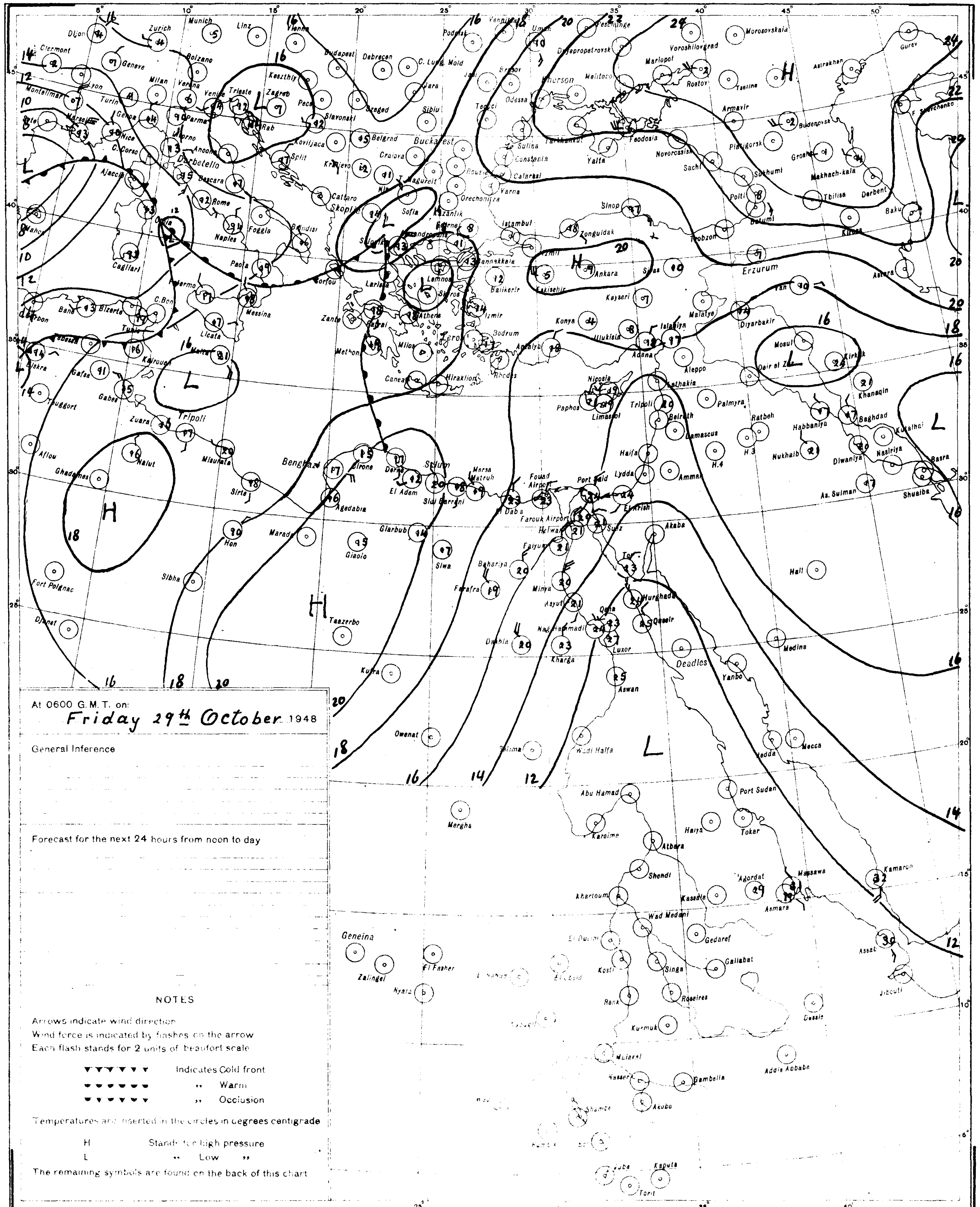
	K.P.H.	force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

Use Scale 01-32 e.g.
08 = East 16 = South
24 = West 32 = North.
00 is Calm

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
Friday 29th October 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼ Indicates Cold front
●●●●●● ,, Warm
▼●▼●▼● ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

SCALE 1:15 …

MAR 8 1949
WEATHER BUREAU

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

CAIRO
Time of Sunrise 04 07 G.M.T.
" " Sunset 15 10 G.M.T.

DAILY WEATHER REPORT

Date : SATURDAY 30 th OCTOBER , 1948.

AREA	INDEX NUMBER	STATION	At 1200 on FRIDAY 29 th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C. TT	HUMIDITY % UU	DEW POINT °C.	RAIN 6-12 G.M.T. mms	At 1800 on 29 th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR. PRESS. M.S.L. mbs. PPP	TEMP. °C. TT	HUMIDITY % UU	DEW POINT °C.	RAIN 12-18 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI	02	9	30	2	1	8	6	17.4	23.3	69	17	0	01	7	30	1	2	3	8	17.8	20.0	82	17	0
	160	MATRÛH													00	7	03	2	1	0	-	17	17	83	16	0
	134	EL DABA	00	9	00	0	0	0	—		24.3	67	18	0	00	8	32	1	0	0	-		21.2	77	17	0
	132	ALEXANDRIA	00	9	02	2	0	0	-	15.1	24.0	72	19	0	00	5	04	3	0	0	-	16.6	22.9	84	20	0
	150	FOUAD (Airport)	00	8	01	3	0	2	6	14.7	25	70	19	0	00	7	02	2	0	0	-	16.1	21	83	18	0
	159	DAMIETTA	00	8	32	3	1	0	-	14.4	25.0	68	19	0	08	4	30	2	4	1	-	14.7	22.4	83	19	0
	161	PORT SA'ID	00	8	02	4	0	8	8	14	24	62	18	0	00	7	04	3	0	0	-	15	24	84	21	0
	135	EL 'ARISH	01	9	32	4	1	5	8	13.5	25.4	71	19	0	00	9	32	3	0	0	-	13.6	23.7	82	21	0
LOWER EGYPT	136	DAMANHUR	00	7	02	3	0	0	-	14.6	27.2	52	16	0	00	6	32	3	0	0	-	16.2	20.2	80	16	0
	137	MANSURA	00	8	02	2	1	0	-	14.2	28.5	53	17	0	00	6	28	2	0	0	-	15.4	24.2	71	20	0
	138	TANTA	01	8	28	3	1	5	8	14.6	28.0	42	15	0	00	6	00	0	0	0	—	15.9	19.0	82	16	0
	139	ZAGAZIG	00	6	24	3	0	0	-	15.0	30.0	44	16	0	00	6	32	2	0	0	-	15.1	22.0	84	19	0
		SHIBÎN EL KÔM	00	8	04	3	0	0	-	14.7	30.0	46	17	0	00	7	02	2	0	0	-	15.1	21.8	72	17	0
		ISMAÎLÎA	00	8	02	2	0	0	-	15.0	29.0	45	16	0	00	7	04	1	0	0	-	15.4	22.0	76	21	0
CAIRO AREA	928	FAROUK(Airport)	01	8	04	4	1	5	4	13	29	43	15	0	00	7	04	3	0	0	-	13	22	65	15	0
	141	ALMAZA	01	7	04	4	1	5	4	12.6	29.0	39	12	0	00	7	04	4	0	0	-	13.4	23.0	60	15	0
		EZBEKÎYA	01	8	32	2	1	3	4	13.1	29.4	43	15	0	00	7	00	1	0	0	-	14.8	21.5	70	16	0
		GÎZA	01	8	32	2	1	3	4	13.4	29.1	40	14	0	00	7	30	1	0	0	-	14.7	22.1	64	15	0
	143	HELWÂN	01	8	32	4	1	7	4	12.2	29.0	36	13	0	00	7	32	2	0	1	1	14.2	23.2	58	14	0
UPPER EGYPT	153	FAIYÛM	01	8	32	4	1	5	3	12.3	29.8	42	15	0	00	8	02	2	1	0	-	13.1	24.0	57	15	0
		BENI SUEF	02	9	02	4	0	8	7	11.4	30.9	40	16	0	00	9	02	1	0	0	-	13.5	25.8	60	16	0
	162	MINYA	00	8	01	4	0	1	4	11	30	35	13	0	00	9	01	3	0	0	-	12	23	61	15	0
	155	ASYÛT	00	8	20	1	1	0	-	11.5	28.0	51	17	0	00	6	22	1	0	0	-	12.3	23.8	69	18	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	9.6	31.7	44	18	0	00	8	00	0	0	0	-	11.3	23.9	71	18	0
	156	QENA	01	8	24	2	1	3	1	9.1	31.4	44	17	0	01	6	24	2	1	3	1	10.6	25.0	51	14	0
	157	LUXOR	00	8	28	1	0	2	8	9	33	20	07	0	00	7	10	0	0	0	-	10	26	37	10	0
	158	ASWÂN	00	9	00	0	0	0	-	8.7	34.8	22	10	0	00	7	00	0	0	0	-	10.0	31.4	26	09	0
OASES	148	SIWA	00	8	28	2	0	0	-	17.2	28.2	43	14	0	00	6	28	2	0	0	-	16.2	20.2	50	9	0
	149	BAHARÎYA	00	8	32	2	0	0	-	14.4	28.0	42	14	0	00	7	32	1	0	0	-	15.1	22.5	55	12	0
		FARAFRA	00	8	28	4	0	0	-	15.4	27.8	31	09	0	00	7	30	2	0	0	-	15.5	20.8	46	9	0
	152	DAKHLA	00	9	28	4	0	0	-	12.3	27.6	46	15	0	00	8	28	4	0	0	-	13.5	24.0	57	15	0
	151	KHARGA	00	8	32	1	0	0	—	13.6	29.5	34	12	0	00	6	32	1	0	0	-	11.6	27.2	47	20	0
RED SEA	144	SUEZ	00	8	32	3	0	2	6	11.4	28.7	48	17	0	00		00	0	0	0	-	13.2	23.8	75	19	0
	145	TÛR	01	9	28	3	1	3	1	11.4	26.2	75	21	0	00	8	28	1	0	0	-	11.5	25.1	76	20	0
	163	HURGHÂDA	01	9	02	2	1	5	4	12	26	70	20	0	00	8	30	2	1	0	-	12	25	79	21	0
	147	QUSEIR	01	8	32	2	0	3	3	11.1	28.2	64	20	0	00	8	32	2	0	0	-	11.4	25.2	77	21	0
	208	PORT SÛDÂN	01	8	06	4	1	5	8.4	8	27	74	22	0												
NORTH SÛDÂN	165	WADI HALFA																								
	166	KAREIMA	00	8	30	2	0	0	-	8	34	16	05	0												
	167	'ATBARA	02	8	28	2	1	10	2		34	18	06	0												
	209	KHARTÛM	00	8	12	3	0	2	1	7	27	20	02	0												
	170	KASSALA	00	8	28	1				5	32	20	06	0												
CENTRAL SÛDÂN	171	WAD MEDANI	00	8	32	2	1	0	-	6	35	13	03	0												
	182	RENK																								
	172	ROSEIRES	00	9	30	2	0	0	-	8	33	26	11	0												
	174	EL OBEID	00	8	32	3	0	0	-		33															
	175	EL FÂSHER	00	8	30	4	0	0	-		33	11	-1	0												
	179	GENEINA	00	8	04	2	0	0	-		32	13	0	0												
S. SÛDÂN	176	MALAKÂL	00	8	06	2	0	0	-	7	32	26	10	0												
	177	WÂU	00	8	26	2	1	0	-	5	33	28	12	0												
	178	JUBA	01	8	04	1	1	5	8.4	5	32	38	16	0												

AREA	INDEX NUMBER	STATION	At 0600 on SATURDAY 30 th: PRESENT WEATHER ww	VISIBILITY V	WIND Direction DD	WIND Force F	PAST WEATHER W	CLOUD Amount 0-10 N	CLOUD Form C	BAR. PRESSURE M.S.L. mbs. PPP	Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb TT	MAXIMUM Yesterday TxTx	MAXIMUM Diff. from norm.	MINIMUM Today TnTn	MINIMUM Diff. from norm.	HUMIDITY % UU	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total from Oct. 1	RAINFALL mms. Norm. from Oct. 1	STATION	AREA
MEDITERRANEAN	146	SIDI BARÂNI	01	7	32	1	1	3	8	18.2		16.4	25		13		87	14	0	17		SIDI BARÂNI	MEDITERRANEAN
	160	MATRÛH	01	7	23	1	1	5	4.4	18		19	25		14		83	16	0	5		MATRÛH	
	134	EL DABA	00	8	32	1	0	0	-			23.6	25	-			70	18	0	dr		EL DABA	
	132	ALEXANDRIA	00	9	04	2	0	0	-	16.7	-0.8	23.0	26	-1	21	+2	76	19	0	2	5	ALEXANDRIA	
	150	FOUAD (Airport)	00	8	02	2	0	0	-	16.6		24	26		19		69	18	0	2		FOUAD (Airport)	
	159	DAMIETTA	04	6	32	2	4	1	4	15.5	-0.7	23.5	25		20		81	19	0	dr	3	DAMIETTA	
	161	PORT SA'ID	00	7	03	4	0	2	4	15		25	27		23		74	20	0	0		PORT SA'ID	
	135	EL 'ARISH	00	7	14	2	0	0	-	15.0	-1.0	23.2	26	-1	19	+3	85	20	0	0	3	EL 'ARISH	
LOWER EGYPT	136	DAMANHÛR	00	5	04	2	0	0	-	16.1	-0.5	21.4	28	-1	16	0	89	19	0	tr	3	DAMANHÛR	LOWER EGYPT
	137	MANSÛRA	00	8	30	2	0	0	-	16.2	-0.3	21.5	30	+1	18	+2	88	20	0	0	2	MANSÛRA	
	138	TANTA	01	8	28	1	1	5	8	17.0	-0.2	19.3	29	0	15	0	97	18	0	0	2	TANTA	
	139	ZAGAZIG	03	2	24	2		Fog	0	16.7	-0.3	20.2	30	+1	16	+1	96	19	0	0	1	ZAGAZIG	
		SHIBÎN EL KÔM	09	3	30	1	4	Fog	0	16.7	-0.8	18.9	30		16		84	16	0	0		SHIBÎN EL KÔM	
		ISMAÎLÎA	40	2	00	0	4	Fog	0	15.6		19.1	29		18		98	19	0	0		ISMAÎLÎA	
CAIRO AREA	928	FAROUK(Airport)	05	7	04	3	2	8	6	16		21	30				88	19	0	0		FAROUK(Airport)	CAIRO AREA
	141	ALMAZA	05	6	02	3	4	9	6	15.9	-0.9	21.3	30		18		84	18	0	0		ALMAZA	
		EZBEKÎYA	03	6	00	0	2	10	6	16.2	-0.6	21.1	30	+1	19	+3	90	19	0	dr	1	EZBEKÎYA	
		GÎZA	03	6	00	0	2	10	6	16.3	-0.7	21.0	29	+1	18	+4	91	20	0	dr	2	GÎZA	
	143	HELWÂN	01	6	32	3	1	7	6	15.8	-1.2	21.5	30	+2	19	+2	80	18	0	dr	1	HELWÂN	
UPPER EGYPT	153	FAIYÛM	00	8	32	3	0	0	-	15.6	-1.0	21.5	29	-1	19	+3	80	18	0	0	0	FAIYÛM	UPPER EGYPT
		BENI SUEF	00	9	02	1	0	0	-	15.2		22.2	31		17		79	18	0	0		BENI SUEF	
	162	MINYA	05	6	01	2	2	10	6	15		20	30		19		78	16	0	dr		MINYA	
	155	ASYÛT	00	7	20	1	0	0	-	14.6	-1.4	20.3	29	0	17	+1	77	16	0	0	0	ASYÛT	
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	13.8	-1.3	24.0	32		15		71	18	0	0		NAG' HAMMÂDI	
	156	QENA	00	7	24	2	1	0	-	13.8	-0.7	22.0	34	+1	19	+3	73	17	0	tr		QENA	
	157	LUXOR	00	8	00	0	0	0	-	13		25			15		43	12	0	dr		LUXOR	
	158	ASWÂN	00	7	02	1	0	0	-	13.2	-0.8	25.0	36	+1	21	+2	60	17	0	dr		ASWÂN	
OASES	148	SIWA	04	7	00	0	0	0	-	18.6	+0.4	18.0	29	-1	13	0	62	11	0	0	0	SIWA	OASES
	149	BAHARÎYA	02	7	32	2	1	5	8	16.4	-1.0	19.0	28	-1	16	+2	86	17	0	0	0	BAHARÎYA	
		FARAFRA	00	8	32	3	0	0	-			18.0	29		15		87	16	0	dr		FARAFRA	
		DAKHLA	00	8	28	4	0	0	-	15.4	-1.1	21.2	29	-3	18	+2	73	16	0	dr		DAKHLA	
	152	KHARGA	00	8	00	0	0	0	-	14.0	-1.5	22.0	30	-2	17	+1	62	14	0	0		KHARGA	
RED SEA	144	SUEZ	02		00	0	2	8	8	14.4	-1.6	22.2	29	0	20	+2	84	20	0	dr	1	SUEZ	RED SEA
	145	TÛR	00	7	04	1	0	0	-	12.8	-2.0	21.8	26	-2	16	-1	59	13	0	0	0	TÛR	
	163	HURGHÂDA	00	9	30	2	0	0	6	13		24	26		18		69	48	0	0		HURGHÂDA	
	147	QUSEIR	00	8	30	2	0	0	-	12.8	-1.5	25.4	29	0	21	-1	53	15	0	0	0	QUSEIR	
	208	PORT SÛDÂN																		18	12	PORT SUDAN	
NORTH SÛDÂN	165	WADI HALFA																		0		WÂDI HALFA	NORTH SÛDÂN
	166	KAREIMA																		0	1	KAREIMA	
	167	'ATBARA																		0	1	'ATBARA	
	209	KHARTÛM	00	8	20	0	0	0	-	11		25					30	6	0	3	3	KHARTÛM	
	170	KASSALA	00	8	00	0	0	0	-	10		27			16		33	9	0	2	8	KASSALA	
CENTRAL SÛDÂN	171	WAD MEDANI																		11	10	WAD MEDANI	S. SÛDÂN CENTRAL SÛDÂN
	182	RENK																		9	42	RENK	
	172	ROSEIRES																		0	28	ROSEIRES	
	174	EL OBEID																		0	15	EL OBEID	
	175	EL FÂSHER	00	8	32	2	0	4				19			14		49	8	0	0	1	EL FÂSHER	
	179	GENEINA	00	8	28	4	0	0	-			22					50	11	0		4	GENEINA	
S. SÛDÂN	176	MALAKÂL																		75	74	MALAKAL	
	177	WÂU																		217	122	WÂU	
	178	JUBA																		112	92	JUBA	

HUMIDITY

Mean for day

STATION	on 29 th	Diff. from normal
Alexandria	79	+11
Ezbekiya	74	+7
Giza	71	+2
Helwân	64	+10

GIZA
GRASS MINIMUM TEMP.
ON 30 th 14.6 C

Remarks

UPPER AIR OBSERVATIONS on 29 th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA AEROPLANE ASCENT ON 29 th AT

HEIGHT FEET	PRESSURE mbs	TEMP °C	WET °C
SURFACE			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT RAWINSONDE ON 30 th AT 3

PRESSURE mbs	HEIGHT FEET	TEMP °C	HUMIDITY %	WIND DD	WIND VV
Surface		19	96	360	3
1000	430	19	95	360	3
950					
900	3410	20	75	50	21
850	5010	17	25	50	20
800	6690	14	15	50	11
700	10310	4	25	80	4
600	14360	-6	55	100	4
500	18950	-16	35	340	10
400					
300	33100	-39	-	320	55
250					
200	43990	-48	-		
150					
100					

STATION	ALMAZA 14		FOUAD A.P. 15		PORT SAID 14 30		MINYA 14 45	
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV
200	10	19	10	15	20	16	350	29
500	10	19	10	17	20	14	350	36
1000	20	19	20	15	30	13	360	43
1500	20	18	10	14	30	11	360	35
2000	90	9	40	14	40	12		
3000	140	7	20	18				
4000								
5000								
6000								
7000								
8000								

STATION												
TIME												
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200												
500												
1000												
1500												
2000												
3000												
4000												
5000												
6000												
7000												
8000												

UPPER AIR OBSERVATIONS on 30 th

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAID		FAROUK AIRPORT		ALMAZA		HELWÂN		MINYA		ASYÛT		LUXOR		ASWÂN		SUWA	
TIME	5		4 15				4		3		9		7		8				5 45		5		5	
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	50	5	10	6			20	17	50	10	40	20	20	9	360	1			10	12	10	7	90	5
500	80	5	10	8			40	20	50	17	40	19	50	7	30	10			30	7	10	10	70	6
1000	100	5	90	11			120	7	50	18	60	17	50	31	320	2			40	14	20	7	30	6
1500	190	8	180	2			100	5	50	17	80	12	60	10	100	8			60	12	10	10	150	9
2000	170	6	80	2			160	6	40	7	90	4	100	6	100	5			20	12			140	10
3000	140	6	250	10			160	7	80	4					60	7							180	14
4000	160	12	290	3			190	4							60	12							170	3
6000	180	6					220	4	290	1					70	13							240	7
6000									360	10													250	13
7000																								
8000																								

STATION	BAHARÎYA		DAKHLA 5		KHARGA 6		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKAL	
TIME																								
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			350	16	360	8																		
500			360	15	340	12																		
1000			360	17	360	13																		
1500			350	17	150	13																		
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Printed by the Survey of Egypt 1948 (48/1951)

Note All times G.M.T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 Kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

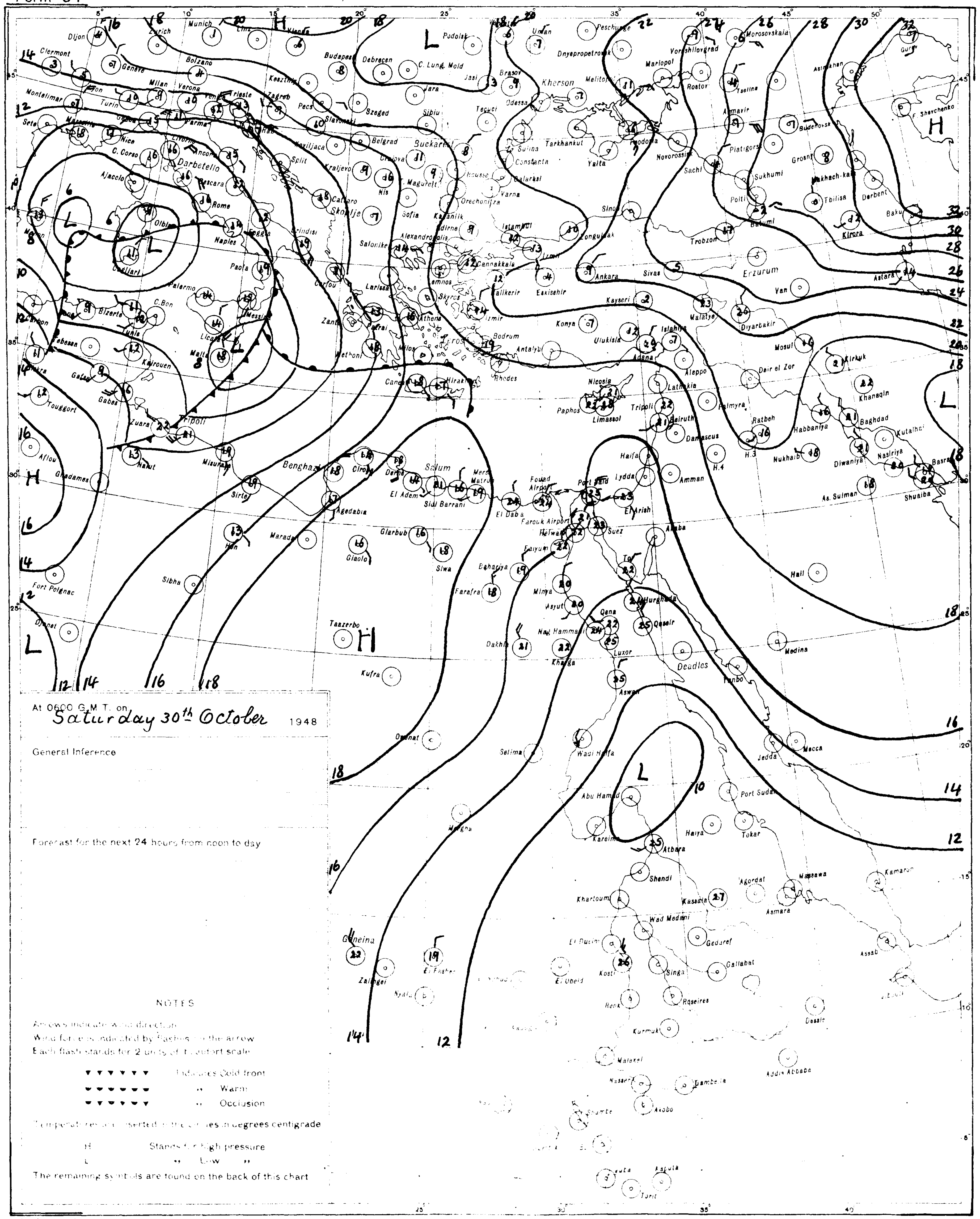
	Knots	M.P.H.	
Calm	0-1	0	0
Light airs	2-3	1-3	1
Light breeze	4-6	4-7	2
Gentle "	7-10	8-12	3
Moderate "	11-16	13-18	4
Fresh "	17-21	19-24	5
Strong "	22-27	25-31	6
Moderate gale	28-33	32-38	7
Fresh gale	34-40	39-46	8
Strong "	41-47	47-54	9
Whole "	48-55	55-63	10
Storm	56-63	64-72	11
Hurricane	over 64	over 72	12

WIND DIRECTION (DD)

Circle Scale 01-32 e.g.
08 = East 16 = South
24 = West 32 = North.
00 is Calm

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



SCALE 1:15,000,000

MAR 8 1949
WEATHER BUREAU

CAIRO
Time of Sunrise 04 08 G.M.T.
" " Sunset 15 09 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: SUNDAY 31st OCTOBER, 1948.

At 1200 on SATURDAY 30th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
MEDITERRANEAN	146	SIDI BARANI	01	9	32	2	0	3	8	17.6	23.1	78	19	0
	160	MATRUH	00	8	06	2	1	0	—	17	24	69	18	0
	134	EL DABA	00	9	12	1	0	0	—		25.3	68	19	0
	132	ALEXANDRIA	00	9	04	3	0	0	—	16.0	25.0	68	19	0
	150	FOUAD (Airport)	00	8	02	3	0	0	—	16	26	62	18	0
	159	DAMIETTA	00	8	32	3	1	0	—	15.1	25.5	65	19	0
	161	PORT SAID	00	8	01	4	0	0	—	15	26	70	20	0
	135	EL ARISH	00	9	32	3	0	0	—	13.9	26.7	68	21	0
LOWER EGYPT	136	DAMANHUR	00	7	04	3	0	0	—	15.9	27.4	54	17	0
	137	MANSURA	00	8	02	2	0	0	—	15.1	29.5	40	15	0
	138	TANTA	00	8	08	1	1	0	—	15.8	30.0	36	13	0
	139	ZAGAZIG	00	6	02	4	0	0	—	14.7	29.0	40	14	0
		SHIBIN EL KOM	00	8	02	3	0	0	—	15.5	31.2	37	15	0
		ISMAILIA	00	6	02	2	0	0	—	15.0	29.0	62	21	0
CAIRO AREA	928	FAROUK (Airport)	00	8	02	4	0	0	—	14	30	38	14	0
	141	ALMAZA	00	7	04	3	0	0	—	13.9	29.6	37	13	0
		EZBEKIYA	00	8	04	2	0	0	—	13.9	29.8	42	16	0
		GIZA	00	8	04	2	0	0	—	13.8	29.2	46	16	0
	143	HELWAN	00	8	02	5	0	0	—	12.7	29.9	32	12	0
UPPER EGYPT	153	FAIYUM	00	8	32	2	0	0	—	13.1	29.5	46	17	0
		BENI SUEF	00	9	02	1	0	0	—	13.1	31.4	40	16	0
	162	MINYA	00	7	31	2	0	0	—	13	30	49	18	0
	155	ASYUT	00	8	22	1	0	0	—	13.1	28.3	50	16	0
	164	NAG HAMMADI	00	8	00	0	0	0	—	11.1	31.8	40	17	0
	156	QENA	00	8	24	2	0	0	—	10.8	32.0	40	17	0
	157	LUXOR	00	8	32	1	0	0	—	11	32	21	7	0
	158	ASWAN	00	9	32	1	0	0	—	10.4	33.0	25	10	0
OASES	148	SIWA	00	8	00	0	0	0	—	18.2	27.0	43	13	0
	149	BAHARIYA	00	8	32	1	1	0	—	14.7	30.0	31	11	0
		FARAFRA	00	8	30	2	0	0	—	15.5	27.8	39	13	0
	152	DAKHLA	00	9	28	3	0	0	—	12.7	29.4	44	15	0
	151	KHARGA	00	8	00	0	0	0	—	11.5	31.2	31	12	0
RED SEA	144	SUEZ	00	8	30	2	0	0	—	13.5	29.0	52	18	0
	145	TOR	00	8	28	2	0	4	8	12.2	28.2	61	20	0
	163	HURGHADA	00	9	02	2	0	0	—	12	27	62	19	0
	147	QUSEIR	00	8	02	3	0	0	—	12.2	28.3	69	22	0
	208	PORT SUDAN												
NORTH SUDAN	165	WADI HALFA												
	166	KAREIMA												
	167	ATBARA												
	209	KHARTUM												
	170	KASSALA												
CENTRAL SUDAN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FASHER												
	179	GENEINA												
S. SUDAN	176	MALAKAL												
	177	WAU												
	178	JUBA												

At 1800 on SATURDAY 30th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARANI	00	6	10	1	1	0	—	18.0	19.1	80	16	0
MATRUH	00	7	06	1	0	0	—	18	18	88	16	0
EL DABA	01	7	00	0	0	0	—		20.0	91	18	0
ALEXANDRIA	00	5	04	2	0	0	—	17.4	22.4	82	19	0
FOUAD (Airport)	00	7	01	2	0	0	—	16.4	21	88	19	0
DAMIETTA	09	5	30	2	1	1	8	15.4	22.7	83	20	0
PORT SAID	00	7	02	3	0	4	6	15	24	79	20	0
EL ARISH	00	9	32	3	0	0	—	14.2	24.1	85	21	0
DAMANHUR	00	7	04	2	0	0	—	16.7	20.0	85	17	0
MANSURA	00	6	30	2	0	0	—	16.2	21.0	91	20	0
TANTA	00	8	00	0	0	0	—	16.4	21.0	82	18	0
ZAGAZIG	00	6	04	2	0	0	—	16.8	23.2	95	22	0
SHIBIN EL KOM	00	7	04	2	0	0	—	16.3	22.1	76	18	0
ISMAILIA	00	6	30	1	0	0	—	15.5	22.6	83	20	0
FAROUK (Airport)	00	7	04	3	0	0	—	16	23	65	16	0
ALMAZA	00	7	04	3	0	0	—	15.9	23.3	60	15	0
EZBEKIYA	00	7	32	1	0	0	—	16.0	22.3	65	15	0
GIZA	00	7	32	1	0	0	—	15.6	23.0	60	15	0
HELWAN	00	7	32	3	0	0	—	15.0	23.5	63	17	0
FAIYUM	00	8	32	1	0	0	—	14.7	24.0	53	14	0
BENI SUEF	00	9	02	2	0	0	—	14.7	24.6	53	15	0
MINYA	00	7	32	2	0	0	—	14	22	69	16	0
ASYUT	00	6	20	1	0	0	—	14.0	22.3	80	18	0
NAG HAMMADI	00	8	00	0	0	0	—	12.6	23.7	74	19	0
QENA	00	6	24	2	0	0	—	12.2	24.6	56	16	0
LUXOR	00	7	00	0	0	0	—	12	25	45	12	0
ASWAN	00	9	32	1	0	0	—	11.8	30.0	30	11	0
SIWA	00	6	00	0	0	0	—	17.8	20.5	52	10	0
BAHARIYA	00	7	32	1	0	0	—	15.6	24.0	33	7	0
FARAFRA	00	6	32	3	0	0	—	15.6	22.5	53	12	0
DAKHLA	00	8	28	2	0	0	—	14.0	23.9	55	14	0
KHARGA	00	7	00	0	0	0	—	14.2	25.9	47	13	0
SUEZ	00		32	2	0	0	—	14.4	23.6	78	20	0
TOR												
HURGHADA	00	8						12	26	70	20	0
QUSEIR	00	8	32	2	0	0	—	13.0	25.0	84	23	0
PORT SUDAN	00	7	08	1	1	2	4	10	30	79	26	0
WADI HALFA												
KAREIMA	00	8	28	1	0	0	—	10	27	25	5	0
ATBARA	00	7	28	1	0	0	—	10	27	23	4	0
KHARTUM	00	8	30	3	0	4	1	9	27	33	9	0
KASSALA	00	8	00	0	1	0	—	8	29	43	15	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	8	30	3	0	0	—	10	31			0
EL FASHER	00	8	04	3	1	0	—		26	21	2	0
GENEINA	02	8	02	1	1	8	2		26	32	8	0
MALAKAL	00	8	00	0	0	0	—	9	26	66	19	0
WAU												
JUBA	07	8	26	1	1	7	6,4	9	24	89	22	0

At 0600 on SUNDAY 31st

Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb TT	Maximum Yesterday TxTx	Diff. from norm.	Minimum Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	Station	Area
00	9	14	2	0	1	4	18.3		15.9	25		14		98	16	0	17		SIDI BARANI	MEDITERRANEAN
00	7	14	1	0	0	—	19		18	24				78	14	0	5		MATRUH	
00	8	00	0	0	0	—			23.0	26				73	18	0	dw		EL DABA	
00	9	02	2	0	0	—	18.3	+0.8	23.0	26	-1	21	+2	78	19	0	2	5	ALEXANDRIA	
00	7	02	1	4	0	—	17.7		23	26		15		84	20	0	2		FOUAD (Airport)	
00	7	28	1	4	0	—	17.1	+0.9	23.2	26		19		86	20	0	dw	5	DAMIETTA	
00	7	03	2	0	0	—	17		25	27		22		79	21	0	0		PORT SAID	
00	9	20	2	0	1	8	16.3	+0.3	22.4			18	+3	87	20	0	0	3	EL ARISH	
00	5	02	2	0	0	—	17.4	+0.2	20.2	29	0	16	0	96	19	0	6.	3	DAMANHUR	LOWER EGYPT
02	7	32	2	2	8	6	17.5	+1.0	19.0	30	+1	17	+1	95	18	0	0	2	MANSURA	
03	6	20	1	2	10	8	18.2	+1.0	17.0	30	+1	13	-1	98	17	0	0	2	TANTA	
43	2	24	2	4	Mist	0	18.3	+1.3	17.2	30	+1	16	+1	100	17	0	0	1	ZAGAZIG	
09	6	02	2	1	5	8	17.9	+0.8	19.0	32		16		90	17	0	0		SHIBIN EL KOM	
08	4	00	0	4	10	5	16.8		18.8	30		18		96	18	0	0		ISMAILIA	
48	0	00	0	4	Mist	0	17		18	30		18		95	18	0	0		FAROUK (Airport)	CAIRO AREA
43	3	02	2	4	10	6	17.1	+0.2	18.8	31		18		96	18	0	0		ALMAZA	
48	3	30	1	4	Mist	0	17.5	+0.6	19.0	30	+1	18	+2	96	18	0		1	EZBEKIYA	
48	3	30	1	4	Mist	0	17.6	+0.6	18.5	30	+2	18	+4	99	18	0		2	GIZA	
09	5	00	0	0	0	—	17.0	-0.1	19.9	30	+2	17	0	89	18	0		1	HELWAN	
00	8	32	2	0	0	—	16.6	0.0	20.8	30	0	18	+3	86	19	0	0	0	FAIYUM	UPPER EGYPT
02	8	02	1	0	9	5	17.0		19.4	32		16		90	17	0	0		BENI SUEF	
01	7	02	2	0	7	6	16		19	30		18		88	17	0	dr.		MINYA	
00	7	20	1	0	0	—	16.1	0.0	21.2	29	0	17	+1	76	17	0	0	0	ASYUT	
00	8	00	0	0	0	—	15.0	-0.2	24.2	32		17		69	18	0	0		NAG HAMMADI	
00	8	28	2	0	0	—	13.8	-0.8	21.0	33	0	18	+2	77	17	0	dr.		QENA	
00	8	00	0	0	0	—	14		24	34		16		47	12	0			LUXOR	
00	9	02	1	0	0	—	14.3	+0.2	25.0	35	+1	21	+2	57	16	0	dr.		ASWAN	
00	7	00	0	0	0	—	17.6	-0.7	18.0	29	-1	12	-1	55	9	0	0	0	SIWA	OASES
00	8	32	2	0	0	—	17.8	+0.3	17.5	30	+1	14	0	85	15	0	0	0	BAHARIYA	
00	8	32	1	0	0	—	17.2		18.5	29		15		69	12	0			FARAFRA	
00	8	24	1	0	0	—	17.0	+0.4	20.3	31	0	16	+1	62	12	0	dr.		DAKHLA	
00	8	32	1	0	0	—	16.0	+0.4	21.2	31	-1	17	+1	50	10	0	0		KHARGA	
02	5	32	2	2	9	8	15.6	-0.4	20.6	30	+1	19	+1	92	20	0		1	SUEZ	RED SEA
00	9	04	1	0	0	—	14.7	-0.2	22.0	28		16	-1	74	17	0	0	0	TOR	
00	9	27	1	0	0	—	15		24	27		18		69	18	0	0		HURGHADA	
00	8	28	2	0	0	—	14.3	0.0	26.0	29	0	22	0	55	16	0	0	0	QUSEIR	
01	7	32	2	1	3	6,5			30			27		84	27	0	18	12	PORT SUDAN	
																0	0		WADI HALFA	NORTH SUDAN
00	8	00	0	0	0	—	13		23	35		19		41	9	0	0	1	KAREIMA	
										39						0	dr.	1	ATBARA	
00	8	32	2	0	0	—	12		27	35		22		28	7	0	3	3	KHARTUM	
00	8	00	0	0	0	—	10		28	39		19		37	12	0	2	8	KASSALA	
00	9	32	2	0	0	—	10		26							0	11	10	WAD MEDANI	CENTRAL SUDAN
																0	0	43	RENK	
00	8	25	4	0	0	—			21					53	11	0	0	29	ROSEIRES	
00	8	30	5	0	0	—	13		24	36		19		22	0	0	0	15	EL OBEID	
00	8	27	3	0	0	—			18	33		16		24	-3	0	0	6	EL FASHER	
00	8	04	2	0	0	—			21	34		21		26	1	0	0	4	GENEINA	
										35						0	75	75	MALAKAL	S. SUDAN
																0	217	125	WAU	
										33						0	112	95	JUBA	

HUMIDITY

Mean of day

Station	on 30th	Diff. from normal
Alexandria	77	+9
Ezbekiya	71	+4
Giza	70	+1
Helwan	66	+12

GIZA
Grass minimum temp.
on 31st 15.7

Remarks

UPPER AIR OBSERVATIONS on 30th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA
AEROPLANE ASCENT
ON 30th AT 14

Height feet	Pressure mbs.	Dry °C	Wet °C
Surface			
500	986	29	18
1000	968	27	18
1500	951	25	17
2000	934	24	16
4000	867	21	9
6000	804	17	7
8000	746	12	6
10000	690	5	0
12000	639	1	-3
14000	590	-7	-8
16000	544	-11	-11
18000			
20000			

FAROUK AIRPORT
RAWINSONDE
ON 31st AT 3

Pressure mbs.	Height feet	Temp °C	Humidity %	Wind DD	Wind VV
Surface		18	100	60	6
1000	450	17	100	60	6
950					
900	3420	20		70	12
850	5020	18		90	7
800	6710	13		90	3
700	10310	4	35	10	4
600	14330	-6	35	330	18
500	18930	-15		320	26
400		-26			
300					
250					
200					
150					
100					

Station	Matruh				Fouad A.P.		Almaza				Minya			
Time	14				16		14 15				15			
Height m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	30	6			360	12	10	19			360	28		
500	40	5			360	11	20	12			360	23		
1000	20	5			30	11	40	15			350	20		
1500	320	2			30	13	200	3			230	9		
2000	220	5			30	13	210	3			160	12		
3000	170	12					110	3			30	10		
4000							180	1						
5000							320	8						
6000							300	17						
7000							300	14						
8000														

Station														
Time														
Height m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200														
500														
1000														
1500														
2000														
3000														
4000														
5000														
6000														
7000														
8000														

UPPER AIR OBSERVATIONS on 31st

DD Direction of wind in degrees East of North. VV Velocity in knots.

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		Farouk Airport		Almaza		Helwan		Minya		Asyut		Luxor		Aswan		Siwa	
Time	5		4 15		3 30		4 15				10		6 45		3						5		5	
Height m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	100	8	170	14	10	8	10	11			30	7	10	5	360	29					10	5	110	9
500	100	5	40	5	20	9	20	16			40	9	30	10	360	29					30	10	90	4
1000	150	3	10	5	20	8	40	2			40	4	80	10	10	36					50	10	140	7
1500	170	9	40	4	20	8					120	8	80	5	10	30					40	8	180	13
2000	180	16	170	10	20	7	100	4			60	7	150	4	20	27					40	8	170	12
3000	160	14	200	7	30	7					40	2									50	5	220	4
4000	200	4	280	9							350	6											200	10
5000																								
6000																								
7000																								
8000																								

Station	Bahariya		Dakhla		Kharga		Hurghada		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time			5				8																	
Height m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			350	5			340	16																
500			40	9			310	5																
1000			30	15			70	5																
1500			50	9			10	10																
2000			80	9			350	9																
3000			60	11			360	2																
4000																								
5000																								
6000																								
7000																								
8000																								

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-19	3
Moderate	20-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

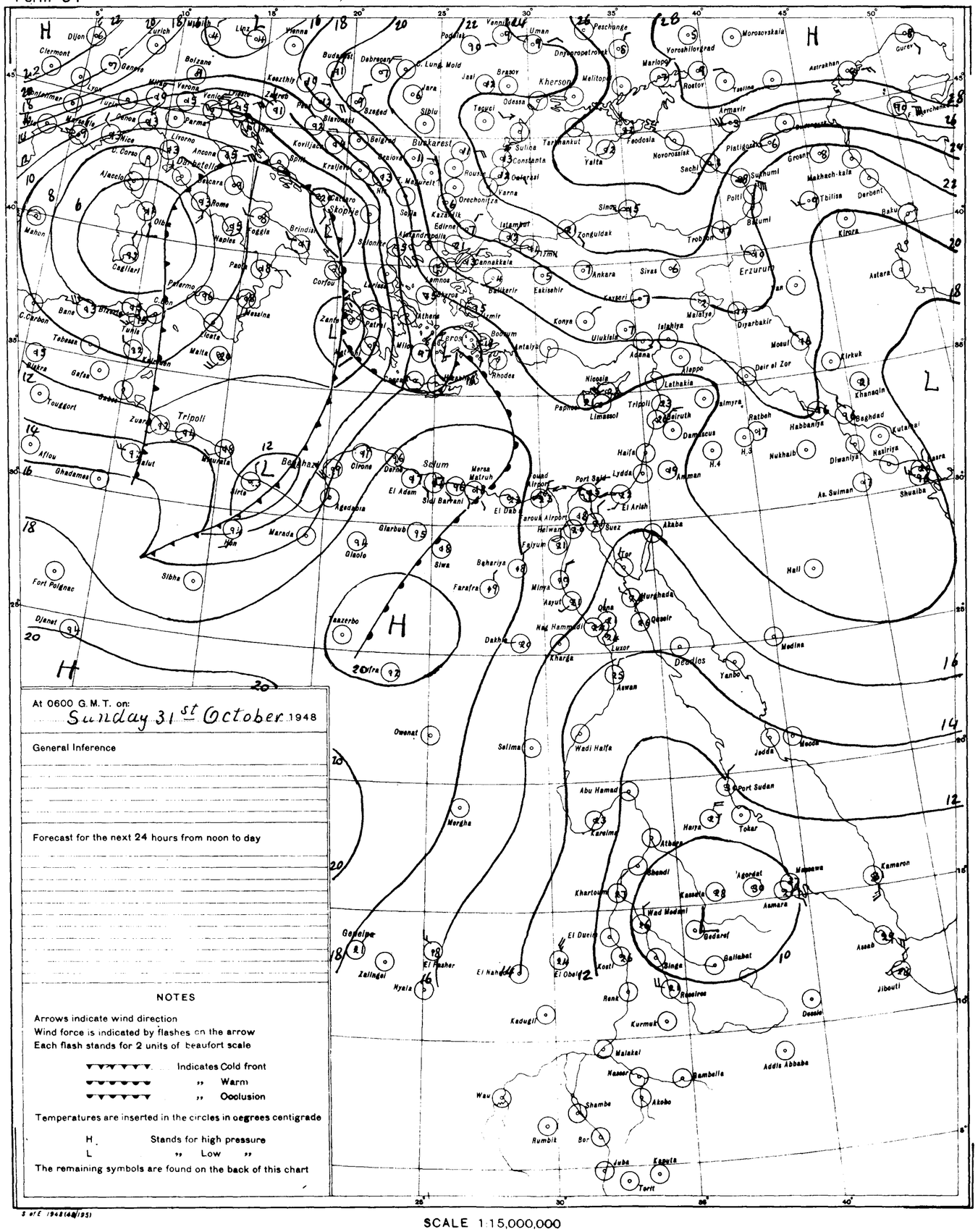
Is on Scale 01-32 e.g.
08 = East 16 = South
24 = West 32 = North
00 is Calm

N.B. All times G.M.T.

Printed by the Survey of Egypt 1948 (48, 195)

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: Sunday 31st October 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
,, Warm
,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H. Stands for high pressure
L ,, Low ,,
The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 09 G.M.T.

" " Sunset 15 08 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: MONDAY 1st NOVEMBER, 1948.

At 1200 on SUNDAY 31st

AREA	INDEX NUMBER	STATION	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 6-12 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI	00	9	06	4	0	1	4	17.2	23.2	81	20	0
	160	MATRÛH	00	8	05	3	0	2	1	17	25	58	16	0
	134	EL DABA	00	9	04	1	0	0	-		25.6	64	19	0
	132	ALEXANDRIA	00	9	02	1	0	0	-	16.8	24.4	70	18	0
	150	FOUAD (Airport)	00	8	03	3	0	0	-	16.6	26	58	17	0
	159	DAMIETTA	00	8	28	3	0	0	—	15.6	25.5	70	20	0
	161	PORT SA'ID	00	8	02	3	0	0	-	16	26	70	20	0
	135	EL 'ARISH	02	9	32	3	2	8	8	15.2	25.6	78	22	0
LOWER EGYPT	136	DAMANHUR	00	7	04	3	0	0	-	16.9	28.2	52	17	0
	137	MANSURA	00	8	02	2	1	0	-	15.9	29.8	41	15	0
	138	TANTA	00	8	28	2	1	0	-	16.6	30.0	36	13	0
	139	ZAGAZIG	00	6	24	2	0	0	-	15.5	28.0	57	19	0
		SHIBÎN EL KÔM	00	8	02	3	0	0	-	16.4	30.6	40	16	0
		ISMAÏLÎA	00	7	02	1	0	0	-	14.8	30.2	39	14	0
CAIRO AREA	028	FAROUK (Airport)	00	8	04	3	0	0	-	15	29	40	14	0
	141	ALMÂZA	00	7	04	2	0	0	-	15.6	29.0	40	14	0
		EZBEKÎYA	00	8	04	2	0	0	-	15.4	29.0	50	17	0
		GÎZA	00	8	04	2	0	0	-	15.5	28.9	52	18	0
	143	HELWÂN	00	7	02	3	0	0	-	14.6	29.6	33	12	0
UPPER EGYPT	153	FAIYÛM	00	8	02	2	0	0	-	14.6	29.2	46	16	0
		BENI SUEF	00	9	02	1	0	0	—	14.3	31.1	44	17	0
	162	MINYA	00	8	32	3	1	0	-	14	30	46	17	0
	155	ASYÛT	00	8	20	1	0	0	-	13.8	29.2	45	16	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	12.0	33.8	40	17	0
	156	QENA	00	9	24	2	0	0	-	12.0	32.8	40	18	0
	157	LUXOR	00	8	02	1	0	0	-	12	33	23	09	0
	168	ASWÂN	00	9	30	2	0	0	-	11.1	33.8	23	10	0
OASES	148	SIWA	00	8	00	0	0	0	-	16.6	30.5	34	13	0
	149	BAHARÎYA	00	8	04	1	0	0	-	15.4	31.0	29	11	0
		FARAFRA	00	7	02	2	0	0	-	16.2	30.7	20	06	0
	152	DAKHLA	00	9	28	1	0	0	-	13.2	33.3	37	17	0
	151	KHARGA	00	8	04	1	0	0	-	12.3	33.5	18	06	0
RED SEA	144	SUEZ	00	8	32	2	0	0	-	13.6	29.2	45	16	0
	145	TÔR	00	8	28	2	0	0	-	13.0	26.2	73	21	0
	163	HURGHÂDA	00	9	02	1	0	h	1	13	26	84	23	0
	147	QUSEIR	00	8	32	3	0	0	-	13.2	28.3	75	23	0
	208	PORT SÛDÂN												
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SÛDÂN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FASHER												
	179	GENEINA												
S. SÛDÂN	176	MALAKÂL												
	177	WÂU												
	178	JUBA												

At 1800 on 31st

STATION	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 12-18 G.M.T. mms
SIDI BARÂNI	00	7	10	2	0	1	4	17.6	20.0	93	19	0
MATRÛH	01	7	12	1	1	5	1	18	22?	83	19	0
EL DABA	00	7	00	0	0	0	—		21.3	79	17	0
ALEXANDRIA	00	5	08	2	0	0	-	18.2	22.4	88	20	0
FOUAD (Airport)	00	8	02	2	0	0	-	18	20	88	18	0
DAMIETTA	00	5	30	1	4	0	-	16.7	22.0	91	20	0
PORT SA'ID	00	7	01	3	0	0	-	17	24	84	21	0
EL 'ARISH	01	9	32	2	1	5	8	15.5	23.1	92	22	0
DAMANHUR	00	6	04	3	0	0	-	17.5	20.2	80	16	0
MANSURA	00	6	04	2	0	0	-	17.5	21.2	89	19	0
TANTA	00	8	00	0	0	0	-	17.1	20.0	84	17	0
ZAGAZIG	00	6	32	2	0	0	-	16.2	19.2	93	18	0
SHIBÎN EL KÔM	00	7	04	2	0	0	-	17.0	23.4	67	17	0
ISMAÏLÎA	00	7	32	1	0	0	-	16.6	22.2	86	20	0
FAROUK (Airport)	00	7	04	3	0	0	-	16	24	60	16	0
ALMÂZA	00	7	04	2	0	0	-	16.8	24.3	52	14	0
EZBEKÎYA	00	7	00	0	0	0	-	17.0	22.5	72	17	0
GÎZA	00	7	00	0	0	0	-	16.8	23.8	72	19	0
HELWÂN	00	7	02	5	0	0	-	16.3	25.0	52	14	0
FAIYÛM	00	8	32	1	0	0	-	15.9	22.8	69	17	0
BENI SUEF	00	9	02	1	0	0	-	15.9	23.1	61	15	0
MINYA	00	7	32	1	0	0	-	15	21	69	15	0
ASYÛT	00	6	22	1	0	0	-	15.0	22.3	80	19	0
NAG' HAMMÂDI	00	8	00	0	0	0	—	13.5	21.8	67	16	0
QENA												
LUXOR	00	7	19	1	0	0	-	13	25	30	06	0
ASWÂN	00	9	32	1	0	0	—	12.1	31.0	27	10	0
SIWA			00	0	0	0	-	17.0	20.2	54	10	0
BAHARÎYA	00	7	32	1	0	0	-	16.4	24.0	46	12	0
FARAFRA	00	6	32	2	0	0	-	16.3	22.5	33	05	0
DAKHLA	00	8	28	1	0	0	-	15.6	22.2	44	14	0
KHARGA	00	7	00	0	0	0	-	14.7	27.1	37	11	0
SUEZ												
TÔR	00	8	28	1	0	0	-	14.7	25.0	81	21	0
HURGHÂDA	00	8	28	2	0	0	-	14	26	79	22	0
QUSEIR	00	8	32	2	0	0	—	13.8	25.0	83	22	0
PORT SÛDÂN	00	8	08	1	0	0	-	12	30	79	25	0
WADI HALFA												
KAREIMA	00	8	28	2	0	0	-	10	27	25	05	0
'ATBARA	00	7	00	0	0	0	—	10	28	27	07	0
KHARTÛM	00	8	30	2	0	h	1	9	30	18	03	0
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	8	30	3	0	0	-	10	26	27	05	0
EL FASHER	00	8	00	0	0	0	-		27			0
GENEINA	00	8	02	2	0	1	2		26	23	03	0
MALAKÂL	00	8	00	0	0	0	—	10	26	62	18	0
WÂU	00	8	00	0	1	0	-	9	27	62	19	0
JUBA	01	8	00	0	1	3	4	11	23	94	22	0

At 0600 on MONDAY 1st

STATION	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Max. Yesterday TxTx	Diff. from norm.	Min. Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	AREA
SÎDI BARÂNI	01	9	14	2	0	1	4	20.1		20.2	27		12				0	1		MEDITERRANEAN
MATRÛH	00	7	18	1	0	0	-	20		18	26		10		88	16	0			
EL DABA'	00	8	00	0	0	0	-			21.7	27				76	18	0	dr		
ALEXANDRIA	01	6	08	1	1	5	5	19.6	+2.0	24.0	25	-2	20	+1	82	22	0	2	6	
FOUAD (Airport)	01	7	20	1	4	5	6	19.4		21	26		15		94	20	0	2		
DAMIETTA	09	5	02	2	4	0	-	18.0	+1.7	23.0	26		18		91	21	0	dr	6	
PORT SA'ID	00	7	04	1	0	6	6	19		25	27		22		84	22	0	0		
EL 'ARISH	03	9	16	2		10	9	17.8	+1.7	20.9					94	20	0	0	4	
DAMANHÛR	03	5	32	2	4	10	5	19.0	+1.8	18.4	29	+1	15	-1	88	16	0	17	4	LOWER EGYPT
MANSÛRA	01	7	24	1	1	5	6	18.8	+2.3	23.0	30	+2	19	+3	83	20?	0	0	3	
TANTA	02	7	00	0	1	8	8	18.8	+1.5	19.0	30	+1	13	-1	77	18	0	0	3	
ZAGAZIG	02	6	04	2	0	8	4	18.5	+1.5	21.0	30	+1	17	+3	91	19	0	0	2	
SHIBÎN EL KÔM	01	7	04	2	1	5	8	18.8	+1.7	20.3	31		17		81	17	0	0		
ISMAÏLÎA	03	5	00	0	2	10	5	18.2		22.6	32		19		84	20	0	0		
FAROUK (Airport)	01	7	06	3	0	5	6	18		21	30		19		83	18	0	0		CAIRO AREA
ALMÂZA	00	7	06	2	0	2	6	18.7	+1.8	21.2			18		74	16	0	0		
EZBEKÎYA	00	7	04	1	0	0	-	18.6	+1.7	20.9	30	+2	19	+3	83	18	0	dr	2	
GÎZA	00	7	04	1	0	0	-	18.3	+1.2	22.0	29	+1	17	+3	76	17	0	dr	3	
HELWÂN	00	6	04	2	0	0	-	18.3	+1.1	21.5	30	+2	17	0	47	10	0	dr	1	
FAIYÛM	00	8	32	2	0	0	-	18.6	+1.9	20.5	30	0	17	+2	83	17	0	0	0	UPPER EGYPT
BENI SUEF	02	8	06	1	0	9	5	17.9		19.9	31		15		84	17	0	0		
MINYA	05	6	01	3	0	10	6	18		18	30		14		88	16	0	dr		
ASYÛT	00	7	22	1	0	0	-	17.1	+0.9	20.3	31	+2	16	0	77	16	0	0	0	
NAG' HAMMÂDI	00	8	00	0	0	0	-	16.2	+0.9	23.7	34		14		63	16	0	0		
QENA	00	8	24	1	0	0	-	16.2	+1.5	21.0	35	+2	13	-3	55	12	0	dr		
LUXOR	00	8	00	0	0	0	-	16		24	34		16		47	12	0	dr		
ASWÂN	00	9	00	0	0	0	-	15.4	+1.2	23.6	35	+1	20	+1	41	10	0	dr		
SIWA	00	7	00	0	0	0	-	19.8	+1.5	15.5	31	+1	10	-3	63	09	0	0	0	OASES
BAHARIYA	00	8	00	0	0	0	-	17.9	+0.4	21.5	33	+4	14	0	70	16	0	0	0	
FARAFRA	00	8	00	0	0	0	—	18.4		20.3	32		13		56	11	0	dr		
DAKHLA	00	8	24	1	0	0	-	17.4	+0.6	21.0	34	+3	15	0	58	12	0	dr		
KHARGA	00	8	00	0	0	0	-	16.7	+1.1	20.5	34	+2	17	+1	58	11	0	0		
SUEZ	03	5	00	0	2	10	8	17.1	+1.0	21.0	31	+2	18	+1	87	19	0	dr	2	RED SEA
TOR	00	7	23	3	0	0	-	15.1	+0.2	25.0	30	+2	17	0	36	09	0	0	1	
HURGHADA	00	7	27	1	0	0	-	15		25	27		18		36	09	0	0		
QUSEIR	00	8	30	2	0	0	7	14.8	+0.4	27.0	29	0	22	0	41	13	0	0	0	
PORT SUDAN	01	8	32	3	1	5	6	13		29	32		27		84	26	0	18	13	
WÂDI HALFA																	0	0		NORTH SÛDÂN
KAREIMA	00	8	06	1	0	0	-	13		26	36		23		30	07	0	0	1	
'ATBARA	00	8	00	0	0	2	-	12		26	37		18		30	07	0	dr	2	
KHARTÛM	00	8	32	4	0	h	2	11		27	36		20		27	06	0	3	4	
KASSALA	01	8	08	1	1	7	4	10		32			25		46	19	0	2	8	
WAD MEDANI	00	9	04	2	0	0	-	12		26					35	09	0	11	11	CENTRAL SÛDÂN
RENK	00	9	32	2	0	0	-	13		27					52	16	0	0	44	
ROSEIRES																	0	0	30	
EL OBEID	00	8	30	3	0	0	-				36		16				0	0	16	
EL FÂSHER	01	8	26	2	0	5					34						0	0	6	
GENEINA	00	8	04	3	0	2	2			22	35		18		19	-3	0		4	
MALAKAL	02	8	00	0	1	8	4	13		22	34		19		94	21	0	75	76	S. SÛDÂN
WÂU	01	8	00	0	1	5	2	12		24	34		20		77	20	0	217	127	
JUBA	42	3	00	0	4	3	6,14	12		23	30		19		94	22	7	119	98	

HUMIDITY

Mean of day

STATION	on 31st	Diff. from normal
Alexandria	79	+11
Ezbekiya	77	+10
Giza	77	+10
Helwan	65	+11

GIZA

Grass Minimum Temp. on 1st 14.0

Remarks

UPPER AIR OBSERVATIONS on 31st

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT ON ... AT ...

Height feet	Pressure mbs	Dry °C	Wet °C
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT — RAWINSONDE ON ... AT ...

Pressure mbs	Height feet	Temp. °C	Humidity %	Wind DD	Wind VV
Surface					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					
250					
200					
150					
100					

STATION	ALMAZA				MATRUH				FOUAD A.R				PORT SAÏD	
TIME	15				13 45				14 30				14 30	
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	160	10			60	8			10	12			360	9
500	150	13			100	8			40	13			340	10
1000	140	6			90	2			40	10			350	5
1500	330	4			160	7			30	13			310	5
2000	140	5			170	10			120	6			330	2
3000	180	1			220	12			170	4				
4000	150	4			200	9								
5000					200	10								
6000					270	16								
7000														
8000														

STATION	MINYA	
TIME	15	
HEIGHT m	DD	VV
200	360	29
500	350	28
1000	340	42
1500	360	14
2000	10	21
3000	20	17
4000		
5000		
6000		
7000		
8000		

UPPER AIR OBSERVATIONS on 1st

DD Direction of wind in degrees East of North. VV Velocity in knots.

STATION	SIDI BARANI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		FAROUK AIRPORT		ALMÂZA		HELWAN		MINYA		ASYÛT		LUXOR		ASWÂN		SIWA	
TIME			4 30				4				9		7 15		3				5 45		5		5	
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			110	10			30	19			70	5	20	4	20	29			20	7	30	7	90	12
500			80	7			40	17			70	11	80	12	30	31			50	6	30	17	90	12
1000			120	7			40	18			70	4	70	13	80	16			70	12	30	10	120	9
1500			150	7							40	16	40	12	60	55			60	12	30	10	200	4
2000			170	8							350	20	30	10					30	12	30	17	200	10
3000			240	10															70	11				
4000			280	13																				
5000			260	20																				
6000																								
7000																								
8000																								

STATION	BAHARIYA		DAKHLA		KHARGA		HURGHADA		WÂDI HALFA		ABU HAMÂD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME			5		5 15										4						3 15		3 45	
HEIGHT m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			30	4	30	12																		
500			40	10	50	16									350	19							240	5
1000			50	18	90	17									360	19					360	8	190	5
1500			60	17	70	14									250	5					30	17	60	14
2000			60	13											250	4					350	5	350	13
3000			70	16																			350	15
4000																							330	38
5000																								
6000																								
7000																								
8000																								

Note: All times G.M.T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

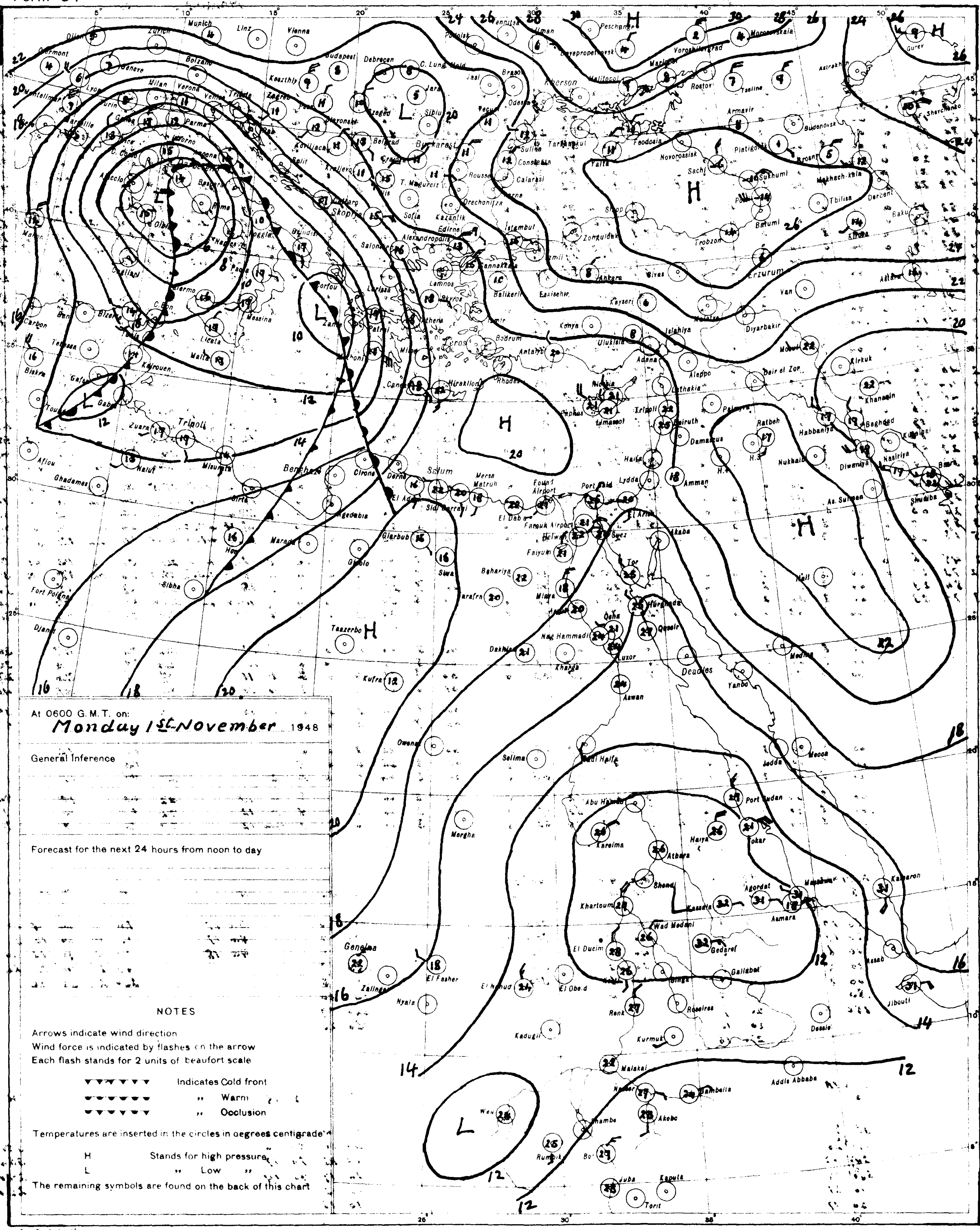
16 pt. Scale 01-32 e.g.
08 = East, 16 = South,
24 = West, 32 = North,
00 is Calm

Printed by the Survey of Egypt 1948 (4? 1951)

WEATHER BUREAU LIBRARY

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: *Monday 1st November* 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼ Indicates Cold front
▼▼▼▼▼▼ „ Warm „
▼▼▼▼▼▼ „ Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L „ Low „

The remaining symbols are found on the back of this chart

S o/ E 1948(48/195)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 . 09 G.M.T.

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

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: TUESDAY 2nd NOVEMBER, 1948.

At 1200 on MONDAY 1st

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARANI	02	9	04	3	0	9	4	18.2	25.3	57	16	0
	160	MATRUH	01	8	06	3	1	7	2	17	25	70	19	0
	134	EL DABA	00	9	04	1	0	0	–	17.0	25.0	68	19	0
	132	ALEXANDRIA	01	9	04	3	2	5	5	17.2	24.6	73	20	0
	150	FOUAD (Airport)	01	8	01	2	0	3	1	16.9	26	66	19	0
	159	DAMIETTA	00	8	04	3	0	0	–	16.3	25.6	70	20	0
	161	PORT SA'ID	00	8	03	3	0	1	6	16	26	74	21	0
	135	EL 'ARISH	00	9	28	4	0	0	–	16.3	24.2	76	19	0
Lower Egypt	136	DAMANHUR	00	7	04	3	0	2	1	17.2	28.2	43	14	0
	137	MANSURA	00	8	02	2	1	0	–	16.4	30.8	46	18	0
	138	TANTA	00	8	32	2	1	0	–	16.7	30.0	41	15	0
	139	ZAGAZIG	00	6	32	2	0	0	–	15.5	29.2	54	19	0
		SHIBIN EL KOM	00	8	02	3	0	0	–	16.4	30.6	42	16	0
		ISMAILIA	00	7	02	2	0	0	–	15.6	30.0	47	17	0
Cairo Area	028	FAROUK (Airport)	00	8	04	6	0	6	8	15	30	46	17	0
	141	ALMAZA	00	8	32	4	0	0	–	15.1	30.5	34	13	0
		EZBEKIYA	00	8	04	3	0	0	–	15.5	29.8	46	16	0
		GIZA	00	8	04	3	0	0	–	15.6	29.1	40	14	0
	143	HELWAN	00	7	32	4	0	0	–	14.8	31.0	25	09	0
Upper Egypt	153	FAIYUM	01	8	32	2	1	3	2	14.8	32.0	25	09	0
		BENI SUEF	00	9	02	1	0	0	–	14.4	33.8	33	16	0
	162	MINYA	01	7	32	2	2	3	1	15	32	34	14	0
	155	ASYUT	00	8	20	1	0	0	–	13.6	30.0	47	17	0
	164	NAG HAMMADI	00	8	00	0	0	0	–	12.3	33.9	34	16	0
	156	QENA	00	9	22	2	0	0	–	12.0	32.0	40	17	0
	157	LUXOR	00	8	28	2	0	6	4	12	32	21	07	0
	158	ASWAN	00	9	30	1	0	0	–	11.8	33.8	18	06	0
Oases	148	SIWA	00	8	00	0	0	0	–	18.3	30.1	41	15	0
	149	BAHARIYA	01	8	32	2	1	5	2	15.6	32.0	24	09	0
		FARAFRA	02	7	04	2	2	8	5	15.8	31.5	27	10	0
	152	DAKHLA	00	9	32	2	0	0	–	13.9	34.7	33	16	0
	151	KHARGA	00	8	32	1	0	0	–	13.2	34.0	16	05	0
Red Sea	144	SUEZ	00	8	00	0	0	0	–	13.8	30.0	36	13	0
	145	TOR												
	163	HURGHADA	00	8	28	2	0	6	1	14	26	51	15	0
	147	QUSEIR	00	8	32	3	0	0	–	13.6	29.0	54	19	0
	208	PORT SUDAN	00	8	06	4	1	2	8	11	32	70	26	0
Sudan	165	WADI HALFA												
	166	KAREIMA	00	8	28	2	0	0	–	8	36	22	11	0
	167	ATBARA	00	8	00	0	0	0	–	7	37	12	03	0
	209	KHARTUM	00	8						7	37		00	0
	170	KASSALA	01	8	02	2	1	5	8,4					0
	171	WAD MEDANI	00	8	28	2	0	0	–	5				0
	182	RENK	00	9	03	2	0	0	–	9	32	43	18	0
	172	ROSEIRES	00	8	28	2	0	0	–	7	37	20	11	0
	174	EL OBEID	00	8	32	2	0	0	–					0
	175	EL FASHER	00	8	32	1	1	2	1		33	16	04	0
	173	GENEINA	00	8	10	2	0	2	5		34	09	-4	0
	176	MALAKAL												
	177	WAU	02	8	08	2	1	5	8	7	34	39	18	0
	178	JUBA												

At 1800 on 1st

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARANI	00	9	10	2	1	0	–	18.3	18.8	92	18	0
MATRUH	01	7	09	1	2	7		18				0
EL DABA	02	7	00	0	1	8	6		21.2	89	19	0
ALEXANDRIA	00	6	04	2	0	0	–	17.9	23.0	87	21	0
FOUAD (Airport)	00	7	01	1	2	0	–	17.3	24	88	19	0
DAMIETTA	00	5	32	5	0	0	–	16.7	22.5	89	20	0
PORT SA'ID	01	7	04	4	0	3	2	16	24	94	23	0
EL 'ARISH	00	9	32	3	0	1	8	15.9	23.1	91	21	0
DAMANHUR	00	6	04	2	0	0	–	17.5	21.2	80	17	0
MANSURA	00	6	28	2	0	0	–	16.8	21.5	88	20	0
TANTA	00	8	04	1	0	0	–	17.9	21.0	84	18	0
ZAGAZIG	00	6	32	2	0	0	–	17.4	21.0	91	19	0
SHIBIN EL KOM	00	7	04	2	0	0	–	17.2	22.1	66	15	0
ISMAILIA	00	7	02	1	0	0	–	15.9	23.0	83	20	0
FAROUK (Airport)	00	7	04	3	0	0	–	17	24	74	19	0
ALMAZA	00	7	04	2	0	0	–	16.3	24.0	60	16	0
EZBEKIYA	00	7	00	0	0	0	–	16.8	23.0	69	17	0
GIZA	00	7	00	0	0	0	–	16.4	24.0	61	16	0
HELWAN	00	7	02	1	0	0	–	16.0	24.7	56	15	0
FAIYUM	00	8	32	1	0	0	–	16.2	24.0	61	16	0
BENI SUEF	00	9	06	1	0	0	–	15.5	23.7	63	17	0
MINYA	00	7	32	1	1	0	–	15	20	73	15	0
ASYUT	00	6	22	1	0	0	–	15.1	21.9	59	13	0
NAG HAMMADI	00	8	00	0	0	0	–	14.1	24.7	47	12	0
QENA	00	6	24	2	0	0	–	12.4	24.8	55	15	0
LUXOR	00	7	00	0	0	0	–	13	25			0
ASWAN	00	9	28	1	0	0	–	11.6	30.0	25	08	0
SIWA	00	6	00	0	0	0	–	16.7	22.5	56	13	0
BAHARIYA	00	7	00	0	1	0	–	16.0	23.5	38	08	0
FARAFRA	00	6	32	2	0	6		15.8	23.9	33	07	0
DAKHLA	00	8	28	1	0	0	–	15.0				0
KHARGA	00	7	32	1	0	0	–	14.2	26.1	18	00	0
SUEZ	00		30	2	0	0	–	14.7	24.2	74	19	0
TOR												
HURGHADA	00	9	02	2	0	0	–	14	27	70	21	0
QUSEIR	00	9	02	3	0	0	–	13.4	25.0	76	20	0
PORT SUDAN												
WADI HALFA												
KAREIMA												
ATBARA	00	8	00	0	0	0	–	8	29	29	09	0
KHARTUM	00	8	28	2	0	0	–	8	31	22	07	0
KASSALA	00	8	00	0	0	0	–	8			10	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	8	00	0	0	0	–	9	27	23	04	0
EL FASHER	00	8	04	1	0	0	–		23	34	06	0
GENEINA												
MALAKAL	00	8	16	2	0	0	–	9	27	70	21	0
WAU	02	8	00	0	1	8	2	9	25			0
JUBA	00	8						9	25			0

At 0600 on TUESDAY 2nd

Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Maximum Yesterday TxTx	Diff. from norm.	Minimum Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	Station	Area
42	0	14	3	4	FOG	0	18.0		15.2	31		13		95	15	0	24		SIDI BARANI	Mediterranean
00	7	21	1	0	2	1	18		17	29		11		95	17	0	5		MATRUH	
00	8	04	1	0	0	–			24.7	26				72	19	0	tr		EL DABA	
01	9	04	2	1		1	17.4	-0.2	23.0	26	-1	21	+3	89	21	0	2	7	ALEXANDRIA	
01	7	02	1	0	3	1	17.2		23	26		18		94	22	0	2		FOUAD (Airport)	
01	7	02	2	1	3	5	16.7	+0.4	23.8	26		18		88	21	0	tr	6	DAMIETTA	
00	7	04	3	0	1	1	17		24	28		23		94	23	0	0		PORT SA'ID	
02	9	16	3	5	9	9	16.6	+0.5	19.3	29	+2	17	+4	98	17	tr	tr	4	EL 'ARISH	
40	3	04	2	4	FOG	0	18.2	+0.9	18.2	29	+1	15	0	98	18	0	5	4	DAMANHUR	Lower Egypt
08	4	02	2	4	0	–	17.1	+0.5	20.8	32	+4	18	+2	95	20	0	0	3	MANSURA	
00	8	08	1	0	0	–	17.4	+0.1	19.6	30	+2	16	+2	94	17	0	0	3	TANTA	
00	6	32	2	0	0	–	17.6	+0.3	22.0	30	+1	16	+2	84	19	0	0	2	ZAGAZIG	
09	6	04	2	4			17.4	+0.2	20.1	32		16		92	20	0	0		SHIBIN EL KOM	
47	3	00	0	4	9	–	17.1		20.5	30		17		98	20	0	0		ISMAILIA	
01	7	06	4	1	5	8,4	16		20	30		19		94	17	0	0		FAROUK (Airport)	Cairo Area
02	7	06	3	1	8	6,4	16		20	30		19		83	17	0	0		ALMAZA	
01	7	04	1	1	5	4	16.7	-0.2	21.1	31	+3	19	+3	82	18	0	tr	2	EZBEKIYA	
01	7	04	1	1	5	4	16.4	-0.7	21.7	30	+3	18	+4	79	18	0	tr	3	GIZA	
05	6	30	1	0	5	4	15.5	-1.7	23.6	32	+4	18	+2	40	10	0	tr	1	HELWAN	
00	8	32	2	0	1	3	16.2	-0.6	21.0	31	+4	18	+3	82	18	0	0	0	FAIYUM	Upper Egypt
00	9	02	1	0	0	–	16.6		22.7	34		16		78	19	0	0		BENI SUEF	
05	5	01	2	2	10	6	16		19	33		17		88	17	0	tr		MINYA	
00	7	22	1	0	0	–	16.0	-0.3	20.6	31	+3	16	+1	76	16	0	0	0	ASYUT	
00	8	00	0	0	0	–	15.4	0.0	23.4	34		14		53	13	0	0		NAG HAMMADI	
01	7	24	2	1	5	3	15.8	+1.0	21.2	33	0	18	+2	55	12	0	tr		QENA	
01	8	02	1	0	5	4	15		24	34		15		38	07	0	tr		LUXOR	
00	9	32	1	0	0	–	14.2	-0.1	23.8	35	+1	21	+2	54	14	0	tr		ASWAN	
00	7	00	0	0	0	–	18.6	+0.2	17.0	32	+2	11	-1	57	09	0	0	0	SIWA	Oases
00	8	32	1	0	0	–	17.1	-0.5	20.0	33	+4	13	-1	72	15	0	0	0	BAHARIYA	
00	8	22	1	0	0	–	17.4		18.6	32		11		49	08	0	tr		FARAFRA	
00	8	28	1	0	0	–	16.5	-0.2	21.2	35	+4	17	+2	51	10	0	tr		DAKHLA	
00	7	00	0	0	0	–	15.3	-0.4	21.0	34	+3	17	+1	53	11	0	0		KHARGA	
01	5	30	2	1	5	6	15.1	-1.1	21.8	31	+2	18	+1	67	16	0	tr	2	SUEZ	Red Sea
																	0	1	TOR	
00	9	26	1	0	2	–	15		25	27		17		34	08	0	0	0	HURGHADA	
00	8	28	2	0	1	1	15.0	+0.5	26.3	30	+1	21	-1	35	09	0	0	0	QUSEIR	
																0	18	14	PORT SUDAN	
																0	0		WADI HALFA	Sudan
																0	0	1	KAREIMA	
										38						0	tr	2	ATBARA	
00	8	04	3	0	6	4	11		28	38		22		27	07	0	3	4	KHARTUM	
										39						0	2	8	KASSALA	
																0	11	11	WAD MEDANI	
																0	0	44	RENK	
																0	0	31	ROSEIRES	
00	8	02	2	1	2	1	12			37		19				0	0	16	EL OBEID	
02	8	00	1	0					23	34		21		89	21	0	0	6	EL FASHER	
																		4	GENEINA	
										34						0	75	77	MALAKAL	
02	8	00	0	1	8	6	12		23	35		21		89	21	0	217	129	WAU	
01	8	00	0	1	7	8	12		26					74	21	0	126	101	JUBA	

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mostly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

WIND FORCE (F)

WIND DIRECTION (DD)

00 is Calm

HUMIDITY

Mean of day

Station	1st	Diff. from normal
Alexandria	81	+13
Ezbekiya	69	+2
Giza	62	-7
Helwan	47	-8

GIZA

Grass Minimum Temp.

On 2nd 14.4

Remarks

UPPER AIR OBSERVATIONS on 1st

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA Aeroplane Ascent (no entries; heights in feet: Surface, 500, 1000, 1500, 2000, 4000, 6000, 8000, 10000, 12000, 14000, 16000, 18000, 20000)

FAROUK AIRPORT Rawinsonde on 2nd at 3

Pressure mbs.	Height feet	Temp. °C	Humidity %	Wind DD	Wind VV
Surface 1008		20	89	60	8
1000	460	19	95	60	8
950					
900	3440	21	15	80	26
850	5050	16	25	80	17
800	6720	14	25	90	17
700	10350	4	25	170	6
600	14480	0	-	240	3
500	19140	-12	-	260	15
400					
300	31260	-40	-	260	38
250					
200	4050	-51	-	190	62
150					
100					

Height m	ALMAZA (14) DD	VV	SIDI BARANI (14) DD	VV	MATRUH (13 45) DD	VV	FOUAD A.P. (15) DD	VV
200	10	8	70	9	60	9	40	13
500	20	10	110	5	60	7	60	12
1000	30	13	150	6	30	3	50	8
1500	30	11	200	9			50	9
2000	30	08	160	7	140	6	60	8
3000	30	7	220	11	190	7	60	9
4000			220	10				
5000	250	15						
6000								
7000								
8000								

Height m	PORT SAID (14 15) DD	VV	MINYA (15) DD	VV
200	20	13	350	26
500	60	9	360	26
1000	60	10	360	23
1500	100	15	360	23
2000	110	16	360	29
3000	170	9	30	12
4000	330	7		
5000	310	10		
6000				
7000				
8000				

UPPER AIR OBSERVATIONS on 2nd

DD Direction of wind in degrees East of North. VV Velocity in knots.

Height m	SIDI BARANI (9) DD	VV	MATRUH (4 25) DD	VV	FOUAD AIRPORT (3) DD	VV	PORT SAID DD	VV	FAROUK AIRPORT (3) DD	VV	ALMAZA DD	VV	HELWAN DD	VV	MINYA (8) DD	VV	ASYUT DD	VV	LUXOR (5 30) DD	VV	ASWAN (5) DD	VV
200	140	12	90	7	20	7			70	14					100	4			30	13	100	19
500	140	17	100	14	10	8			70	12					140	3			40	6	110	16
1000	130	13	110	11	10	9			70	23					190	10			70	5	120	12
1500	120	11	100	9	10	8			60	16					120	7			50	9	190	4
2000	120	14	70	3	10	16			130	13					100	6					240	10
3000	190	10			20	19			150	6					90	3					260	4
4000	210	13													90	7						
5000	200	11							290	5												
6000	230	23							260	16												
7000																						
8000																						

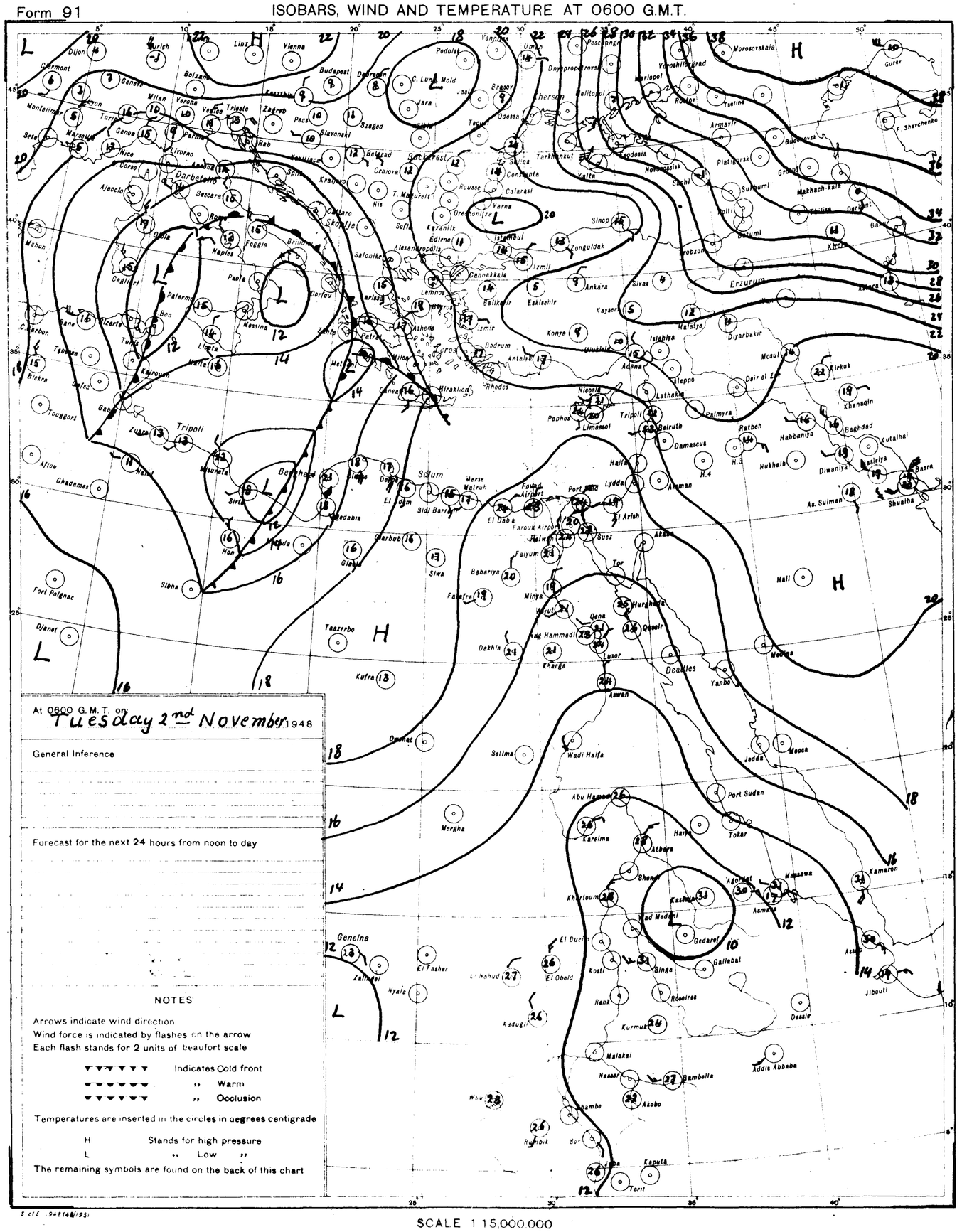
Height m	BAHARIYA DD	VV	DAKHLA (5) DD	VV	KHARGA (5 15) DD	VV	HURGHADA (8) DD	VV	WADI HALFA DD	VV	ABU HAMAD DD	VV	KAREIMA (3 30) DD	VV	KHARTUM DD	VV	KASSALA (3 30) DD	VV	EL OBEID DD	VV	EL FASHER DD	VV	MALAKAL DD	VV
200			30	8	200	18	330	7																
500			40	15	250	53	310	12																
1000			40	24	300	30	20?	13					50	1			100	14						
1500			50	12			100	6					50	13			70	13						
2000			60	6			120	10					60	15										
3000			90	9													20	10						
4000																								
5000																								
6000																								
7000																								
8000																								

All times G.M.T.

Printed by the Survey of Egypt 1948 (48) 1951

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on Tuesday 2nd November 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

S. of E. 948(48)(195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 10 G.M.T.
" " Sunset 15 07 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: WEDNESDAY 3rd NOVEMBER, 1948.

At 1200 on TUESDAY 2nd / At 1800 on 2nd

Area	Index Number	Station	1200 ww	V	DD	F	W	Cloud Amount 0-10	C	PPP	TT	UU	Dew Point °C	Rain 6-12 G.M.T. mms	1800 ww	V	DD	F	W	Cloud Amount 0-10	C	PPP	TT	UU	Dew Point °C	Rain 12-18 G.M.T. mms
MEDITERRANEAN	146	SIDI BARANI	01	9	04	3	1	3	4	17.0	23.5	81	20	0	00	8	10	1	0	0	-	17.0	20.2	93	19	0
	160	MATRUH	00	8	06	3	1	0	-	17	25	74	20	0	00	7	11	1	0	0	-	17	18	88	16	0
	134	EL DABA	00	9	04	2	0	0	-		25.2	74	20	0	00	8	00	0	0	0	-		22.4	88	20	0
	132	ALEXANDRIA	00	9	04	2	0	0	-	16.0	25.0	73	20	0	00	6	04	3	0	0	-	16.4	23.0	90	21	0
	150	FOUAD (Airport)	00	8	02	2	0	0	-	16	28	58	19	0	00	7	03	2	0	0	-	16.2	22	89	20	0
	159	DAMIETTA													00	5	02	5	0	0	-	15.4	23.2	89	21	0
	161	PORT SAID	00	7	04	4	0	0	-	15	26	79	22	0	00	7	04	4	0	0	-	16	25	89	23	0
	135	EL ARISH													00	9	04	4	0	0	-	14.7	23.3	83	20	0
LOWER EGYPT	136	DAMANHUR	00	7	04	2	0	0	-	16.3	29.2	42	15	0	00	7	04	2	0	0	-	16.8	20.2	83	17	0
	137	MANSURA	00	8	02	2	0	0	-	15.1	31.0	43	17	0	00	6	32	2	0	0	-	15.9	22.2	94	21	0
	135	TANTA	01	8	04	3	1	5	8	14.6	30.6	40	16	0	01	8	00	0	1	3	8	16.6	22.0	98	22	0
	139	ZAGAZIG	00	6	04	2	0	0	-	15.0	29.0	54	19	0	00	6	32	2	0	0	-	16.3	21.0	91	20	0
		SHIBIN EL KOM	00	8	06	3	0	0	-	15.1	31.2	42	16	0	00	7	02	2	0	0	-	16.0	23.4	67	17	0
		ISMAILIA													00	7	02	1	0	0	-	14.7	23.0	80	19	0
CAIRO AREA	928	FAROUK (Airport)	00	8	02	4	0	0	-	13	31	52	20	0	00	7	04	3	0	0	-	15	24	79	20	0
	141	ALMAZA	00	8	04	2	0	0	-	13.5	31.2	33	12	0	00	7	04	3	0	0	-	15.1	25.6	55	15	0
		EZBEKIYA	00	8	04	2	0	0	-	13.8	31.2	42	16	0	00	7	02	1	0	0	-	15.2	24.0	68	18	0
		GIZA	00	8	04	2	0	0	-	12.9	30.9	43	17	0	00	7	02	1	0	0	-	15.0	24.9	65	18	0
	143	HELWAN	00	7	32	4	0	0	-	12.7	32.9	22	09	0	00	7	02	5	0	0	-	14.3	25.5	64	19	0
UPPER EGYPT	153	FAIYUM	00	8	00	0	0	0	-	13.5	32.5	29	12	0	00	8	32	1	0	0	-	14.3	24.4	65	17	0
		BENI SUEF													00	9	26	1	0	0	-	14.6	22.8	65	16	0
	162	MINYA	00	7	28	2	0	0	-	14	30	38	14	0	00	7	00	0	0	0	-	15	21	74	16	0
	155	ASYUT	00	8	20	1	0	0	-	13.6	36.9	41	16	0	00	6	20	1	0	0	-	14.8	23.2	58	14	0
	164	NAG HAMMADI	00	8	00	0	0	0	-	12.3	32.2	42	17	0	00	8	00	0	0	0	-	13.4	21.7	66	15	0
	156	QENA	00	8	24	2	1	0	-	11.6	31.6	43	18	0	00	6	24	2	0	0	-	13.0	24.4	55	14	0
	157	LUXOR	00	8	30	2	1	0	-	12	33	21	08	0	00	8	00	0	0	0	-	13	27	35	10	0
	158	ASWAN	00	9	32	1	0	0	-	10.8	34.0	18	06	0	00	9	30	1	0	0	-	11.5	31.0	22	07	0
OASES	148	SIWA	00	8	00	0	0	0	-	17.5	29.5	43	16	0	00	6	00	0	0	0	-	16.4	20.1	51	10	0
	149	BAHARIYA	01	8	32	1	1	3	2	15.4	30.0	28	10	0	00	7	28	1	1	0	-	15.4	25.0	40	10	0
		FARAFRA																								
	152	DAKHLA	00	9	28	1	0	0	-	13.8	33.2	35	15	0	00	8	28	1	0	0	-	15.0	26.7	41	12	0
	151	KHARGA	00	8	00	0	0	0	-	11.9	34.4	23	10	0	00	6	32	1	0	0	-	13.8	26.5	41	11	0
RED SEA	144	SUEZ	00	8	00	0	0	0	-	13.7	32.1	28	11	0	00		00	0	0	0	-	14.5	25.2	47	13	0
	145	TOR	00	9	28	1	0	h	8	13.8	27.0	72	21	0	00	8	00	0	0	0	-	14.2	25.0	87	23	0
	163	HURGHADA	00	9	00	0	0	2	1	14	29	62	21	0	00	8	00	0	0	0	-	14	22	78	18	0
	147	QUSEIR	01	8	02	2	0	3		12.7	29.0	66	22	0	00	8	02	2	0	0	-	14.3	25.3	81	21	0
	209	PORT SUDAN																								
SUDAN		WADI HALFA																								
		KAREIMA																								
		ATBARA																								
		KHARTUM																								
	170	KASSALA																								
	171	WAD MEDANI																								
	182	RENK																								
		ROSEIRES																								
		EL OBEID																								
		EL FASHER																								
		GENEINA																								
		MALAKAL																								
		WAU																								
		JUBA																								

At 0600 on WEDNESDAY 3rd

ww	V	DD	F	W	Cloud Amount 0-10	C	M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Max Yesterday TxTx	Diff. from norm.	Min Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C	Rain Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	Station	Area
00	9	16	2	0	1	2	15.5		15.2	26		12		79	11	0	24		SIDI BARANI	MEDITERRANEAN
01	7	21	1	0	3	1			17	29		11		95	17	0	5		MATRUH	
03	7	00	0	2	10	6			20.0	27		15		91	18	0	tr		EL DABA	
01	6	08	1	1	7	6	15.5	-2.2	24.2	26	-1	21	+3	83	21	0	2	7	ALEXANDRIA	
05	6	04	1	4	10	6	16.0		23	28		18		94	22	0	2		FOUAD (Airport)	
01	5	04	2	1	5	6	15.3	-1.0	24.6	27		20		87	23	0	tr	6	DAMIETTA	
00	7	08	1	0	1	1	15		26	27		23		84	23	0	0		PORT SAID	
01	9	12	3	1	3	2	15.1	-1.1	20.6	31	+5	14	-1			0	tr	4	EL ARISH	
40	3	24	2	4	Fog	0	15.5	-1.8	19.0	30	+2	16	+1	95	18	0	k	4	DAMANHUR	LOWER EGYPT
08	4	28	1	4	0	-	14.8	-1.8	19.2	32	+4	18	+2	98	19	0	0	3	MANSURA	
03	6	00	0	2	10	9	16.0	-1.4	19.0	31	+3	15	+1	100	19	0	0	3	TANTA	
03	6	32	2	0	10		15.9	-1.2	22.0	31	+3	18	+4	98	22	0	0	2	ZAGAZIG	
09	5	30	1	4	Fog	0	15.5	-1.7	20.3	33		17		93	19	0	0		SHIBIN EL KOM	
40	2	14	1	4	0	-	14.6		18.3	33		16		91	17	0	0		ISMAILIA	
05	6	20	2	4	9	6	15		20	32		19		88	18	0	0		FAROUK (Airport)	CAIRO AREA
05	6	17	1	4	10	6	14.8	-2.2	20.4	32		19		90	18	0	0		ALMAZA	
03	6	00	0	2	10	6	15.5	-1.5	21.1	32	+4	20	+4	83	18	tr	tr	2	EZBEKIYA	
03	6	00	0	2	10	6	15.6	-1.6	20.9	31	+4	19	+5	85	18	0	tr	3	GIZA	
49	3	00	0	4	Fog	0	15.8	-1.5	20.8	34	+7	16	0	90	19	0	tr	1	HELWAN	
02	8	32	2	2	8	6	15.8	-1.0	19.5	35	+6	18	+3	88	18	0	0	0	FAIYUM	UPPER EGYPT
02	9	02	1	0	8	6,5	15.4		21.0	34		14		72	16	0	0		BENI SUEF	
05	5	17	2	1	8	1	16		19	31		15		73	14	0	tr		MINYA	
00	7	00	0	0	0	-	15.9	-0.4	22.0	31	+3	16	+1	58	13	0	0	0	ASYUT	
00	8	00	0	0	0	-	14.6	-0.9	24.4	34		16		66	17	0	0		NAG HAMMADI	
00	7	32	1	0	0	-	14.8	-0.1	21.3	34	+2	19	+3	62	13	0	tr		QENA	
00	8	00	0	0	h	1	14		25			17		45	12	0	tr		LUXOR	
00	9	00	0	0	0	-	14.3	-0.1	27.4	38	+4	23	+4	41	12	0	tr		ASWAN	
00	7	00	0	0	0	-	16.7	-1.7	15.0	32	+2	11	-1	62	08	0	0	0	SIWA	OASES
04	4	00	0	4	0	-	15.7	-1.9	17.0	31	+3	15	+1	90	15	0	0	0	BAHARIYA	
																	tr		FARAFRA	
00	8	00	0	0	0	-	14.9	-1.9	21.4	35	+4	15	0	49	10	0	tr		DAKHLA	
00	7	00	0	0	0	-	15.6	-0.2	25.2	35	+4	20	+4	27	05	0	0		KHARGA	
00	5	00	0	0	2	5	15.2	-1.0	19.9	35	+6	16	-1	66	13	0	tr	2	SUEZ	RED SEA
00	9	04	2	0	h	1	15.3	+0.2	21.0	28	+1	16	0			0	0	1	TOR	
00	9	00	0	0	2	1	15		26	29		17	0	45	19	0	0	0	HURGHADA	
00	8	30	2	0	0	-	15.2	+0.7	26.0	30	+1	21	0	63	18	0	0	0	QUSEIR	
																0	18	14	PORT SUDAN	
																0	0		WADI HALFA	SUDAN
																0	0	1	KAREIMA	
00	7	10	2	0	0	-	12		27			22		35	10	0	tr	2	ATBARA	
01	8	30	3	1	5	4	15		29					79	25	0	3	4	KHARTUM	
																0	2	8	KASSALA	
																0	11	11	WAD MEDANI	
																0	0	44	RENK	
00	8	16	1	0	0	-	8		32					49	20	0	0	31	ROSEIRES	
01	8	32	3	0	5	1	11		28					79		0	0	16	EL OBEID	
																0	0	6	EL FASHER	
00	8	06	1	0		1												4	GENEINA	
02	8	00	0	1	10	4,5	12		23							0	75	77	MALAKAL	
																0	217	129	WAU	
01	8	06	3	1	7	4	14									tr	126	101	JUBA	

	2nd	Diff. from normal
Almaza	86	+18
Ezbekiya	68	+1
Giza	65	-4
Helwan	47	-8

GIZA

	Temp.
3rd	16.3

REMARKS

ALMAZA — AEROPLANE ASCENT on 2nd at 03 30

Height feet	Pressure	Temp. °C	Wet °C
Surface	1032	29	19
500	986	28	18
1000	968	28	17
1500	951	26	17
2000	934	24	16
4000	867	21	11
6000	804	14	7
8000	746	8	3
10000	690	7	-2
12000	639	4	-2
14000	590	-2	-4
16000			
18000			
20000			

FAROUK AIRPORT — RAWINSONDE

Pressure mbs.	Height feet	Temp. °C	Humidity	Wind DD	VV
Surface					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					
250					
200					
150					
100					

UPPER AIR OBSERVATIONS on 2nd

DD Direction of wind in degrees East of North. VV Velocity in knots.

Height	ALMAZA (14 30) DD	VV	SIDI BARANI (14) DD	VV	PORT SAID (14 15) DD	VV	MINYA (15) DD	VV
200	20	15	80	11	40	18	30	10
500	20	15	100	7	40	13	40	11
1000	40	16	160	6	60	10	290	14
1500	80	11	190	11	100	9	250	10
2000	60	4	170	12	160	11		
3000	140	4			150	16		
4000								
5000								
6000								
7000								
8000								

Height	MATRUH (14) DD	VV
200	80	5
500	90	5
1000	90	5
1500	150	6
2000	160	14
3000	160	05
4000	150	3
5000		
6000		
7000		
8000		

UPPER AIR OBSERVATIONS on 3rd

DD Direction of wind in degrees East of North. VV Velocity in knots.

Height	SIDI BARANI (9) DD	VV	MATRUH (8 15) DD	VV	FOUAD AIRPORT DD	VV	PORT SAID (4) DD	VV	FAROUK AIRPORT DD	VV	ALMAZA (9) DD	VV	HELWAN (7 45) DD	VV	MINYA DD	VV	ASYUT DD	VV	(6) DD	VV	(5) DD	VV	(5) DD	VV
200	170	7	120	6			60	7			50	11	160	2					40	12	50	2	120	18
500	180	10	150	4			70	5			80	16	210	7					100	5	120	7	120	16
1000	190	8	130	16			80	3			70	16	200	8					150	12	160	20	120	10
1500	270	7	140	14			110	3			160	8							160	26	150	15	160	6
2000	240	7	140	16			130	2			210	10							160	15	140	7	250	10
3000	220	6	170	5			180	1			150	9											300	8
4000	210	1	170	16																			260	17
5000	220	11																						
6000																								
7000																								
8000																								

Height	BAHARIYA DD	VV	DAKHLA (5) DD	VV	KHARGA (5 15) DD	VV	HURGHADA (8) DD	VV	WADI HALFA DD	VV	ABU HAMAD DD	VV	KAREIMA DD	VV	KHARTUM DD	VV	KASSALA DD	VV
			70	5	100	17	330	5										
			50	8			350	4										
			40	12	100	45	180	3										
			40	1	160	41	230	6										
			200	8	160	14	310	6										
							290	15										

G.M.T.

PRESENT WEATHER (ww)

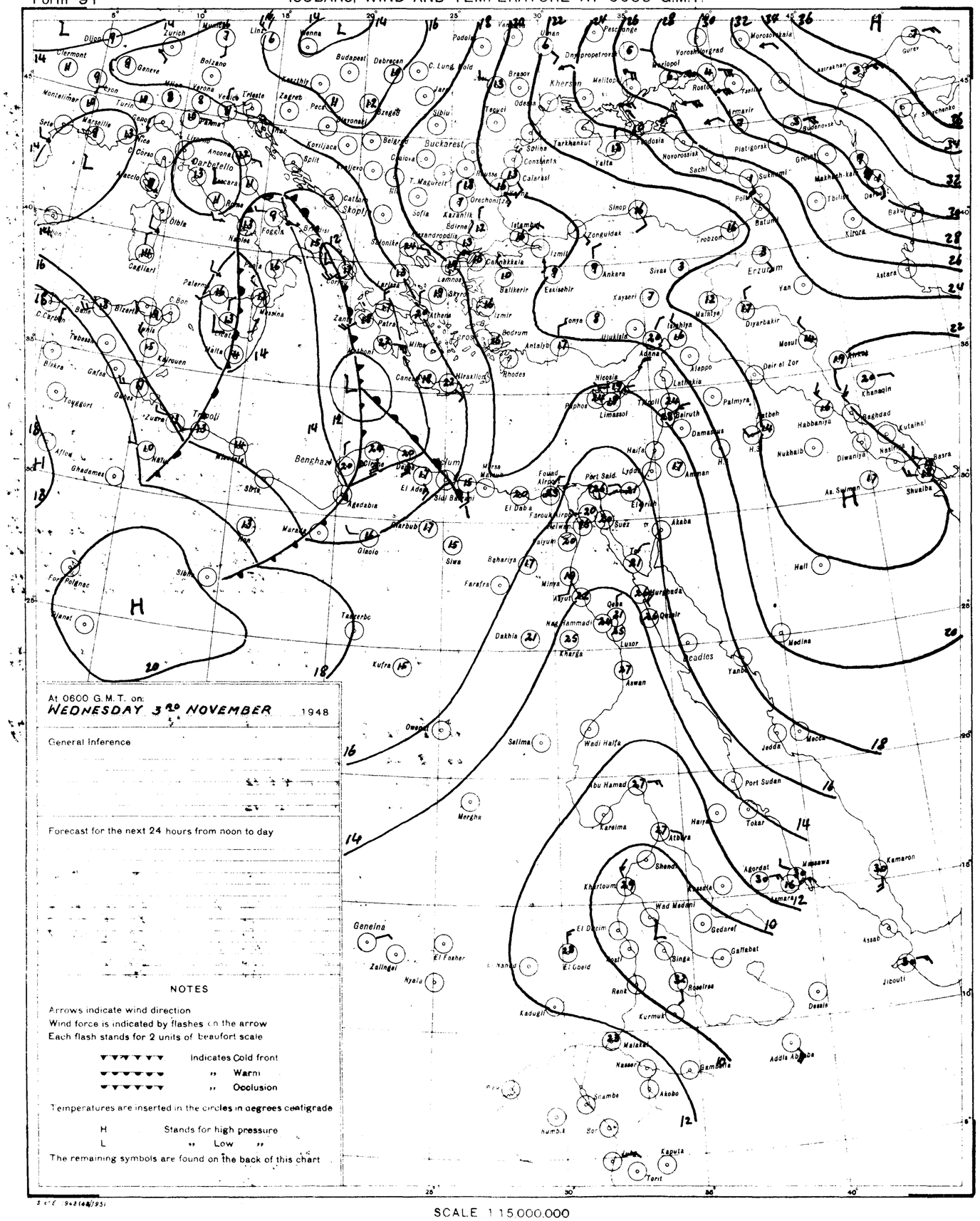
Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
WEDNESDAY 3RD NOVEMBER 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 11 G.M.T.
" " Sunset 15 06 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: THURSDAY 4th NOVEMBER, 1948.

At 1200 on WEDNESDAY 3rd

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARANI	00	9	01	3	0	0	-	13.9	25.2	71	19	0
	160	MATRÛH												
	134	EL DABA	01	8	00	0	1	5	6		26.2	89	24?	tr
	132	ALEXANDRIA	02	9	32	2	2	8	6	13.6	24.0	83	21	0
	150	FOUAD (Airport)	02	7	30	1	2	8	2	13.3	26	79	22	0
	159	DAMIETTA	02	8	26	2	2	8	5	13.1	27.5	74	23	0
	161	PORT SA'ID	02	7	23	2	1	8	3	14	27	70	21	0
	135	EL 'ARISH	00	9	28	3	2	7	2	13.8	27.9	50	16	0
Lower Egypt	136	DAMANHÛR	02	7	04	2	2	10	5	13.6	27.3	48	15	0
	137	MANSÛRA	01	7	32	2	1	5	4	13.4	27.5	71	22	0
	138	TANTA	01	8	20	1	1	5	8	13.4	26.0	72	20	0
	139	ZAGAZIG	01	6	26	2	0	5	3	13.7	28.2	69	22	0
		SHIBÎN EL KÔM	01	8	30	3	1	5	8	13.4	31.4	44	17	0
		ISMAÎLÎA	02	6	26	1	2	8	4	12.7	30.8	38	15	0
Cairo Area	928	FAROUK (Airport)	01	7	22	4	1	5	4	13	30	43	16	0
	141	ALMÂZA	01	7	22	3	1	7	2	13.1	31.2	36	15	0
		EZBEKÎYA	02	8	12	1	2	9	2	13.4	29.9	48	18	0
		GÎZA	02	8	12	1	2	9	2	13.5	29.9	48	18	0
	143	HELWÂN	02	7	14	1	2	9	3	13.5	29.2	45	16	0
Upper Egypt	153	FAIYÛM	02	8	00	0	2	9	3	13.8	30.0	47	17	0
		BENI SUEF	01	9	30	1	0	5	5	13.5	32.1	37	16	0
	162	MINYA	01	8	03	2	2	7	1	13	30	33	12	0
	155	ASYÛT	01	8	26	1	1	5	1	13.1	30.3	40	15	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	13.0	33.0	37	17	0
	156	QENA	01	8	08	1	0	3	1	11.4	35.0	34	17	0
	157	LUXOR	01	8	30	2	0	5	1	11	34	27	12	0
	158	ASWÂN	01	9	00	0	1	3	1	10.8	39.0	20	12	0
Oases	148	SIWA	00	8	12	2	0	0	—	14.4	29.0	40	14	0
	149	BAHARÎYA	02	8	32	1	1	8	4	14.2	30.0	50	19	0
		FARAFRA	02	7	04	4	2	9	5	14.7	31.4	25	09	0
	152	DAKHLA	00	9	28	2	0	0	-	12.7	33.3	34	15	0
	151	KHARGA	00	7	04	1	0	5	1	12.1	35.1	24	12	0
Red Sea	144	SUEZ	02	7	00	0	2	9	5	14.1	26.6	52	16	0
	145	TOR	02	8	28	1	2	8		14.0	28.2	58	19	0
	163	HURGHÂDA	01	9	10	1	0	5	2	12	29	62	21	0
	147	QUSEIR	01	8	08	2	1	3	2	12.5	30.0	65	23	0
	208	PORT SUDAN	01	8	10	4	1	5	9,4	12	31	55	21	0
Northern Sudan	165	WADI HALFA												
	166	KAREIMA	00	8	04	1	0	0	-	7	38	16	06	0
	167	'ATBARA	00	7	00	0	0	h		7	38	19	11	0
	209	KHARTUM	00	8	05	2	1	2	9	7	38	18	10	0
	170	KASSALA	01	8	08	1	1	5	8	5	37	27	15	0
Central Sudan	171	WAD MEDANI	01	8			1	5		3	38	21	12	0
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID	00	8	02	4	1	1	4	5	37	11	02	0
	175	EL FASHER	01	8	08	2	1	3	7		36	10	-1	0
	179	GENEINA	00	8	22	1	0	2	2		34	0	-5	0
Southern Sudan	176	MALAKAL	01	8	16	3	1	7	8,4	8	32	49	20	0
	177	WAU	00	8	06	1	1	1	4	8	30	57	21	0
	178	JUBA	02	9	36	2	1	8	8,4	7	32	46	19	0

At 1800 on 3rd

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 12-18 G.M.T. mms
SIDI BARANI	00	8	10	3	0	0	-	14.2	20.8	95	20	0
MATRÛH	00	7	13	1	0	0	-	15	18	88	16	0
EL DABA												
ALEXANDRIA	00	6	00	0	0	0	-	15.4	22.2	95	21	0
FOUAD (Airport)	00	7	30	1	0	0	-	15	21	88	19	0
DAMIETTA	02	6	26	3	2	8	5	14.0	21.5	94	21	0
PORT SA'ID	01	7	26	1	1	3	1	15	24	89	22	0
EL 'ARISH	00	9	12	2	0	2	2	14.3	22.9	82	20	0
DAMANHÛR	00	7	04	2	0	0	-	15.2	21.2	78	17	0
MANSÛRA	00	6	32	1	1	0	-	14.7	22.0	91	21	0
TANTA	00	8	00	0	1	0	-	15.8	24.0	83	20	0
ZAGAZIG	00	6	24	2	0	0	-	14.9	23.4	88	21	0
SHIBÎN EL KÔM	00	7	30	2	0	0	-	15.2	23.6	68	18	0
ISMAÎLÎA	00	7	00	0	0	0	-	14.4	22.5	81	19	0
FAROUK (Airport)	00	7	32	1	1	0	-	14	24	69	18	0
ALMÂZA	00	7	10	2	1	0	-	14.7	25.0	61	17	0
EZBEKÎYA	00	7	00	0	0	0	-	14.4	23.0	72	18	0
GÎZA	00	7	00	0	0	0	-	14.7	21.2	82	18	0
HELWÂN	02	6	00	0	2	10	3	14.7	25.0	47	13	0
FAIYÛM	01	8	00	0	1	5	3	13.9	22.1	82	19	0
BENI SUEF	00	9	22	1	0	0	-	14.3	22.1	67	16	0
MINYA	01	7	00	0	2	3	3	14	23	57	14	0
ASYÛT	00	6	22	1	1	0	-	14.2	23.2	65	16	0
NAG' HAMMÂDI	00	8	00	0	0	0	-	12.9	24.0	86	20	0
QENA	01	6	24	1	1	3	1	12.0	26.6	50	16	0
LUXOR	00	7	00	0	0	0	-	12	26	51?	16?	0
ASWÂN	00	9	00	0	0	0	-	11.8	35.0	19?	08?	0
SIWA	00	6	00	0	0	0	—	15.0		46		0
BAHARÎYA	01	7	28	1	1	3	4	15.1	25.0	47	13	0
FARAFRA	01	6	30	1	1	5	8	15.1	24.2	33	07	0
DAKHLA	00	8	28	1	0	0	-	14.9	27.0	43	13	0
KHARGA	00	7	32	1	0	0	-	13.5	26.5	45	13	0
SUEZ	00		32	1	0	0	-	15.1	23.4	56	14	0
TOR	00	8		0	0	0	-	13.9	24.5	60	16	0
HURGHÂDA	00	8	10	1	0	0	-	14	26	79	22	0
QUSEIR	00	8	08	2	0	0	-	14.3	26.2	82	23	0
PORT SUDAN	00	8	06	2	1	0	-	14	29	74	24	0
WADI HALFA												
KAREIMA	00	8	00	0	0	0	-		31	15	01	0
'ATBARA	00	7	00	0	0	0	-	9	29	43	15	0
KHARTUM	00	8	02					8	32	13	0	0
KASSALA	00	7	00	0	0	0	-	9	28	42	14	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER	00	8	04	2	0	0	-				02	0
GENEINA												
MALAKAL	02	8	12	2	1	8	4	10	27	74	22	0
WAU	00	8	00	0	0	0	-	10	27	70	21	0
JUBA	02	8	00	0	1	9	4	9	26	84	23	0

At 0600 on THURSDAY 4th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Max. Yesterday TxTx	Diff. from norm.	Min. Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	Station	Area
SIDI BARANI	02	9	20	2	1	8	6	15.5		19.2	26				90	17	0	24		SÎDI BARÂNI	Mediterranean
MATRÛH	00	8	23	1	0	0	-	16		19			16		64	12	0	5		MATRÛH	
EL DABA	00	8	24	1	0	0	-	16.3		20.1	27		13		92	17	tr	tr		EL DABA'	
ALEXANDRIA	01	9	12	2	1	7	5	15.8	-1.9	19.8	26	0	19	+1	89	18	0	2	9	ALEXANDRIA	
FOUAD (Airport)	01	7?	18	2	1	5	6	15.4		21	27		19		83	18	0	2		FOUAD (Airport)	
DAMIETTA	40	1?	20	2	4	FOG	0	15.1	-1.3	18.2	28		16		79	14	0	dr	7	DAMIETTA	
PORT SA'ID	00	7	22	1	0	2	6	16		23	29		21		89	21	0	0		PORT SA'ID	
EL 'ARISH	01	9	16	2	1	3	3	15.5	-0.8	22.9			17	+2	59	14	0	dr	5	EL 'ARISH	
DAMANHÛR	02	5	24	2	2	8	5	15.6	-1.8	19.4	28	0	16	+1	87	17	0	tr	5	DAMANHÛR	Lower Egypt
MANSÛRA	08	4	12	1	4	0	-	15.9	-0.7	19.0	28	0	18	+2	98	19	0	0	3	MANSÛRA	
TANTA	03	6	16	1	4	10	9	16.8	-0.7	19.0	26	-2	17	+3	98	19	0	0	3	TANTA	
ZAGAZIG	41	3	20	2	4	10	0	16.7	-0.4	19.0	31	+3	17	+3	95	19	0	0	2	ZAGAZIG	
SHIBÎN EL KÔM	09	5	28	1	4	Fog	0	16.3	-0.9	19.1	32		18		91	17	0	0		SHIBÎN EL KÔM	
ISMAÎLÎA	40	2	00	0	4	10	5	15.8		18.5	32		18		96	18	0	0		ISMAÎLÎA	
FAROUK (Airport)	47	0	00	0	4	FOG	0	16		16	30		20		95	16	0	0		FAROUK (Airport)	Cairo Area
ALMÂZA	46	0	00	0	4	FOG	0	16.1	-0.9	18.0	32		16		94	16	0	0		ALMÂZA	
EZBEKÎYA	48	1	00	0	4	FOG	0	16.0	-1.0	19.0	32?	+4	18	+2	97	19	0	dr	2	EZBEKÎYA	
GÎZA	48	1	00	0	4	FOG	0	16.3	-0.9	18.3	34?	+7	17	+3	99	18	0	dr	3	GÎZA	
HELWÂN	08	4	00	0	4	3	1	16.2	-1.1	19.0	31	+4	17	+1	84	16	0	dr	1	HELWÂN	
FAIYÛM	02	8	00	0	2	9	3	16.2	-0.7	21.7	32	+3	17	+2	68	16	0	0	0	FAIYÛM	Upper Egypt
BENI SUEF	02	9	32	1	0	8	5	16.0		22.7	32		16		51	12	0	0		BENI SUEF	
MINYA	01	7	00	0	1	5	1	16		21	31		15		69	15	0	dr		MINYA	
ASYÛT	00	7	20	1	0	0	-	15.8	-0.6	23.5	32	+4	17	+2	52	13	0	0	0	ASYÛT	
NAG' HAMMÂDI	00	8	00	0	0	0	-	15.2	-0.3	24.0	35		15		60	16	0	0		NAG' HAMMÂDI	
QENA	00	7	32	1	0	0	-	15.5	+0.5	22.3	37	+5	19	+3	50	11	0	dr		QENA	
LUXOR	00	8	04	1	0	1		15		24	35		17		54	14	0	dr		LUXOR	
ASWÂN	00	9	00	0	0	0	-	14.7	+0.2	26.0	39	+5	22	+3	51	15	0	dr		ASWÂN	
SIWA	00	7	20	2	0	0	-	16.8	-1.6	16.5	31	+2	11	-1	50	05	0	0	0	SIWA	Oases
BAHARÎYA	02	7	28	1	1	8	4	16.4	-1.3	16.5	32	+4	14?	+1	65	07	0	0	0	BAHARÎYA	
FARAFRA	02	8	00	0	1	5	4	16.6		18.3			10?		46	06	0	dr		FARAFRA	
DAKHLA	00	8	00	0	0	0	-	16.6	-0.3	23.0	34	+3	17	+2	44	10	0	dr		DAKHLA	
KHARGA	00	8	00	0	0	0	-	15.0	-0.9	24.3	35	+4	20	+5	63		0	0		KHARGA	
SUEZ	01	6	32	1	1	5	8	15.6	-0.7	21.0	30	+1	18	+1	68	15	0	dr	2	SUEZ	Red Sea
TOR	01	8	04	2	1	7		15.2	+0.1	21.0	30	+3	16	0	49	10	0	0	1	TOR	
HURGHÂDA	01	9	00	0	0	5	6	15		25	30		18		74	20	0	0	0	HURGHADA	
QUSEIR	01	8	28	1	1	5	2	15.1	+0.5	24.6	31	+2	20	-1	66	18	0	0	0	QUSEIR	
PORT SUDAN	01	8	30	2				15			32						0	18	17	PORT SUDAN	
WADI HALFA																	0	0		WADI HALFA	Northern Sudan
KAREIMA	00	8	04	2	0	0	-	12		27	39		22		40	12	0	0	1	KAREIMA	
'ATBARA	00	7	06	3	0	0	-	12		27	38		27				0	dr	2	'ATBARA	
KHARTUM	00	8						11		29	39		27		35	12	0	3	4	KHARTÛM	
KASSALA	01	8	10	4	1	7		10		32	38				57	23	0	2	8	KASSALA	
WAD MEDANI	00	9	04	1	0	0	-	11									0	11	11	WAD MEDANI	Central Sudan
RENK																	0	0	44	RENK	
ROSEIRES	00	8	08	1	0	0	-	7		29					57	20	0	0	31	ROSEIRES	
EL OBEID																	0	0	16	EL OBEID	
EL FASHER	01	8	26	2	0	5	2				37						0	0	6	EL FASHER	
GENEINA																			4	GENEINA	
MALAKAL	02	8	28	2	0	9	8	12		25	32		23		84	22	tr	75	78	MALAKAL	Southern Sudan
WAU											32						0	217	131	WAU	
JUBA											32						0	121	103	JUBA	

HUMIDITY — Mean of day

Station	on 3rd	Diff. from normal
Alexandria	78	+10
Ezbekiya	70	+3
Giza	77	+7
Helwan	63	+8

GIZA — Grass minimum temp. on 4th: 12.3

Remarks

UPPER AIR OBSERVATIONS on 3rd

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — Aeroplane ascent on 3rd at 14

Height feet	Pressure	Temp.	Wet
Surface	1004	29	22
500	978	28	19
1000	960	27	18
1500	943	26	17
2000	925	25	16
4000	859	19	12
6000	796	13	7
8000	734	12	1
10000	980	8	-1
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT — Rawinsonde on 4th at 1h 5

Pressure mbs	Height feet	Temp. °C	Humidity	Wind DD	Wind VV
Surface 4007		18	78	170	2
1000	430	18	70	170	2
950					
900	3400	19	35	230	4
850	5000	16	-	220	12
800	6670	13	-	220	18
700	10190	5	-	230	27
600	14250	-5	-	240	79
500	18290	-16	-	250	39
400					
300	30880	-45	-	250	66
250	3				
200	39330	-62	-	30	25
150					
100					

Station	MATRUH		ALMAZA		FOUAD A.P.		PORT SAID	
Time	14 45		15		14		14	
Height m	DD	VV	DD	VV	DD	VV	DD	VV
200	230	16	270	3	290	3	280	8
500	200	7	260	4	20	3	230	14
1000	210	8	220	6	100	6	240	16
1500			220	16	140	2	240	13
2000	200	10	220	18	260	4	200	11
3000	220	19	220	19	190	7	220	19
4000					240	9		
5000					240	3		

Station	MINYA		SIDI BARANI	
Time	15		14	
Height m	DD	VV	DD	VV
200	30	3	90	7
500	280	12	130	4
1000	270	17	190	4
1500	280	11	210	7
2000	220	14	210	11
3000			240	12

UPPER AIR OBSERVATIONS on 4th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Station	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SA'ID		FAROUK AIRPORT		ALMAZA		HELWAN		MINYA		ASYUT		LUXOR		ASWAN		[illegible]
Time	9		4 15						3				7 45		3				5 30		5		
Height m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	
200	280	10	230	16					50?	3			340	3	360	16			40	8	30	2	350
500	280	10	200	7					290	5			300?	2	360	23			180	10	270	0	310
1000	270	12	210	8					260	4			190?	7	360	23			170	16	160	2	[illegible]
1500	240	16	200	11					220	18			240	9	360	31			140	8	140	12	[illegible]
2000	230	22	200	11					220	18			240	12					140	10	250?	7	[illegible]
3000			220	18					230	24									120	10	90	12	220
4000																			110	6			
5000									240	38													
6000									250	36													
7000																							
8000																							

Station	BAHARIYA		DAKHLA		KHARGA		HURGHADA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		[illegible]	
Time			5		5 30		8												5 00		4 15	
Height m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			70	6	10	16	270?	4														
500			60	10	30	23	120	6											30	4		
1000			40	7	40	17	130	28											40	12	320	6
1500			60	2	120	10	210	10											70	12	50	19
2000			220	2	110	2	170	13											60	25	90	25
3000																					220	6
4000							180	19														
5000							210	28														
6000																						
7000																						
8000																						

All times G.M.T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres 0

200 1

[illegible]

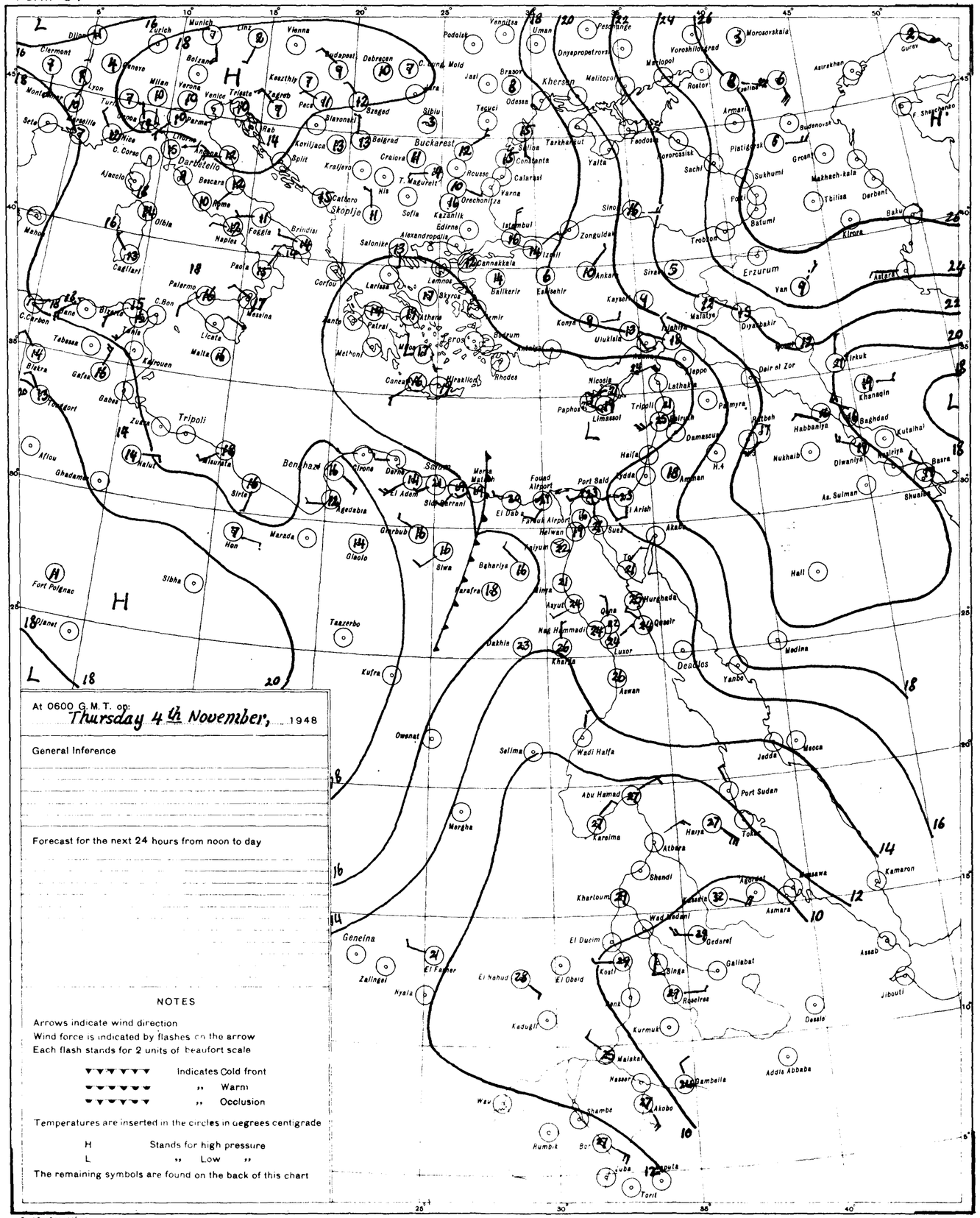
WIND DIRECTION (DD)

04 = East 16 = South
24 = West 32 = North
00 is Calm

Printed by the Survey of Egypt 1948 (48/195)

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: Thursday 4th November, 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of Beaufort scale

Indicates Cold front
,, Warm
,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

S of E 19-8148(1951)

SCALE 1:5,000,000

CAIRO
Time of Sunrise 04 12 G.M.T.
" " Sunset 15 05 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: Friday 5th November, 1948.

At 1200 on Thursday 4th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARANI												
	160	MATRUH	00	8	32	4	0	0	—	15	25	70	19	0
	134	EL DABA	00	9	23	1	0	0	—		26.2			0
	132	ALEXANDRIA	01	9	32	2	2	3	5	15.1	24.0	41	16	0
	150	FOUAD (Airport)	00	7	26	2	0	1	1	15	25	65	18	0
	159	DAMIETTA	00	8	26	2	0	1	4	14.6	26.8	63	18	0
	161	PORT SA'ID	01	7	28	2	0	5	4	15	24	74	27	0
	135	EL 'ARISH	02	9	28	3	2	8	3	15.0	26.5	71	20	0
Lower Egypt	136	DAMANHUR	00	7	28	2	1	2	8	15.1	29.0	40	14	0
	137	MANSURA	01	8	26	2	1	5	4	15.1	27.2	59	18	0
	138	TANTA	01	8	00	0	1	5	8	15.6	26.4	57	17	0
	139	ZAGAZIG	01	6	28	2	0	5	3	15.9	27.0	66	20	0
		SHIBIN EL KOM	00	8	30	3	0	1	4	15.5	29.0	44	15	0
		ISMAILIA	01	7	30	1	1	5	4	14.3	31.8	34	14	0
Cairo Area	928	FAROUK (Airport)	01	7	26	3	1	5	4,1	14	28	45	15	0
	141	ALMAZA	01	7	28	2	4	3	4,1	14.2	28.3	46	16	0
		EZBEKIYA	01	8	32	1	1	5	4	14.6	28.7	48	17	0
		GIZA	01	8	32	1	1	5	4	14.8	29.0	47	16	0
	143	HELWAN	05	6	00	0	0	5	4	14.2	29.1	27	8	0
Upper Egypt	153	FAIYUM	02	8	00	0	2	9	3	14.3	29.0	43	15	0
		BENI SUEF	02	9	30	1	0	8	5	14.0	30.9	41	16	0
	162	MINYA	01	8	32	1	1	5	1	14	32	29	12	0
	155	ASYUT	01	8	20	1	1	5	1	13.8	30.8	28	10	0
	164	NAG HAMMADI	00	8	00	0	0	0	—	12.2	34.9	44	21	0
	156	QENA	01	8	24	2	0	5	1	12.1	33.4	33	15	0
	157	LUXOR	01	8	30	1	1	3	1	12	34	32	15	0
	158	ASWAN	00	9	00	0	0	0	—	10.7	37.3	22	12	0
Oases	148	SIWA	00	8	00	0	0	0	—	16.6	31.0	28	10	0
	149	BAHARIYA	02	8	28	1	1	8	4	14.4	31.0	19	5	0
		FARAFRA												
	152	DAKHLA	01	9	28	2	1	5	6,5	12.8	33.8	35	16	0
	151	KHARGA	00	7	32	1	0	0	—	13.1	34.3	14	3	0
Red Sea	144	SUEZ	01	7	04	1	1	7	8	14.4	29.4	36	21	0
	145	TOR	01	8	28	1	2	7	1	13.5	29.2	58	20	0
	163	HURGHADA	00	9	00	0	1	1	1	14	28	70	22	0
	117	QUSEIR	00	8	30	2	0	1	—	13.4	27.0	80	23	0
	208	PORT SUDAN	01	8	10	4	1	3	8		32	74	27	0
	165	WADI HALFA												
	166	KAREIMA	00	8	02	2	0	0	—	7	37	20	11	0
	167	ATBARA	00	7	10	3	0	tr.	8	7	37	22	13	0
	209	KHARTUM	00	8	04	3	0	tr.	8	6	38	15	7	0
	170	KASSALA	01	8	16	1	0	5	8	5	37	29	16	0
	171	WAD MEDANI	01	8	32	2	0	5	8	3	38	18	10	0
	182	RENK	01	9	20	3	1	7	8	7	36	56	26	0
	172	ROSEIRES												
	174	EL OBEID	00	8	02	3	0	1	8	6	37	13	4	0
	175	EL FASHER	01	8	12	3	1	3	1		34	15	4	0
	179	GENEINA	01	8	04	2	1	3	1		35	13	3	0
	176	MALAKAL												
	177	WAU	01	8	08	1	1	5	8	6	34	39	18	0
	178	JUBA	01	8	08	1	1	7	8,4	7	33	44	19	0

At 1800 on Thursday 4th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARANI	00	9	26	2	0	0	—	17.2	21.0	79	17	0
MATRUH	00	7	31	3	0	0	—	17	21	74	16	0
EL DABA	01	7	28	1	1	5	8		22.2	79	18	0
ALEXANDRIA	00	6	32	1	0	0	—	16.8	22.2	83	19	0
FOUAD (Airport)	00	7	05	1	0	0	—	16	18	95	18	0
DAMIETTA	01	5	28	2	1	7	5	15.5	21.0	95	20	0
PORT SA'ID	00	7	32	3	0	0	—	16	23	84	20	0
EL 'ARISH	00	9	28	2	0	2	—	15.5	22.5	92	22	0
DAMANHUR	00	7	32	2	0	0	—	16.6	19.4	76	15	0
MANSURA	00	5	[illegible]	2	1	0	—	16.4	21.8	86	19	0
TANTA	01	8	00	0	1	5	8	17.2	20.8	83	17	0
ZAGAZIG	00	6	32	2	0	0	—	16.3	22.0	84	19	0
SHIBIN EL KOM	00	7	30	2	0	0	—	16.8	23.4	63	15	0
ISMAILIA	00	7	02	1	0	0	—	15.8	22.0	80	18	0
FAROUK (Airport)	00	7	04	2	0	0	—	16	23	69	17	0
ALMAZA	00	7	06	2	1	0	—	15.6	23.5	62	16	0
EZBEKIYA	00	7	00	0	0	0	—	16.0	21.9	75	17	0
GIZA	00	7	00	0	0	0	—	15.8	21.7	76	18	0
HELWAN	05	6	02	4	0	3	4	15.8	24.0	53	14	0
FAIYUM	00	8	00	0	1	0	—	15.1	20.4	70	14	0
BENI SUEF	00	9	06	1	0	0	—	15.5	19.9	79	16	0
MINYA	01	7	00	0	1	5	1	15	22	53	12	0
ASYUT	00	6	22	1	1	0	—	15.0	23.1	59	14	0
NAG HAMMADI	00	8	00	0	0	0	—	13.0	24.6	73	20	0
QENA	01	6	24	2	1	5	1	12.7	24.0	60	16	0
LUXOR	00	7	00	0	1	0	—	12	26	48	14	0
ASWAN												
SIWA	00	6	00	0	0	0	—	17.0	22.7	54	13	0
BAHARIYA	01	7	00	0	1	3	4	15.9	21.5	42	8	0
FARAFRA												
DAKHLA	00	8	28	1	0	0	—	15.7	27.8	39	13	0
KHARGA	00	7	32	2	0	0	—	14.2	26.2	36	9	0
SUEZ	00		28	1	0	0	—	14.4	24.2	57	15	0
TOR	00	8	24	2	0	0	—	14.3	26.8	71	21	0
HURGHADA	00	8	00	0	0	0	—	14	23	84	20	0
QUSEIR	00	8	08	2	0	0	—	14.4	25.7	68	20	0
PORT SUDAN	01	8	[illegible]	1	1	3	1	13	29	70	23	0
WADI HALFA												
KAREIMA	00	8	04	2	0	0	—	9	29	29	9	0
ATBARA	00	7	00	0	0	0	—	8	32	26	10	0
KHARTUM	00	8	02	1	0	0	—	8	37	16	7	0
KASSALA	00	8	00	0	0	0	—	8	28	45	15	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	8	02	2	0	tr.	4	7	29	20	4	0
EL FASHER												
GENEINA	01	8	30	2	1	5	2		26	21	2	0
MALAKAL	07	8	00	0	0	5	8,4	9	25	84	22	0
WAU	00	8	00	0	1	0	—	7	28	70	23	0
JUBA	07	8	16	1	1	5	6	8	25	94	24	0

At 0600 on Friday 5th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Maximum Yesterday TxTx	Diff. from norm.	Minimum Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	Area
SIDI BARANI	01	9	18	2	1	5	6	19.1		17.8	25		14		91	15	0	24		Mediterranean
MATRUH	00	7	26	2	0	2	6,4	19		19	28		15		83	16	0	5		
EL DABA	00	8	24	1	0	0	—			21.3	27				74	16	0	[illegible]		
ALEXANDRIA	01	9	28	2	1	3	4,8	18.7	+1.0	23.2	26	0	19	+1	68	16	0	2	10	
FOUAD (Airport)	00	7	26	1	0	1	1	18.5		23	27		17		74	18	0	2		
DAMIETTA	40	1	20	2	4	Fog	0	17.5	+1.1	18.6	27		14		95	18	0	Dr.	6	
PORT SA'ID	00	7	28	2	1	2	6	18		23	26		19		84	20	0	0		
EL 'ARISH	02	9	12	3	2	9	0	18.0	+1.7	23.8	29	+3	15	0	86	21	0	[illegible]	5	
DAMANHUR	49	4	04	2	0	0	—	17.9	+0.4	21.0	30	+2	15	0	92	20	0	tr.	5	Lower Egypt
MANSURA	01	7	32	1	1	5	4	18.4	+1.7	20.8	29	+1	16	0	83	18	0	0	3	
TANTA	03	7	32	1	2	10	8	18.7	+1.2	20.0	27	−1	13	−1	98	20	0	0	3	
ZAGAZIG	01	6	28	2	0	5	4	17.0	−0.2	20.1	31	+3	17	+3	94	19	0	0	2	
SHIBIN EL KOM	49	5	28	1	4	Fog	0	17.6	+0.3	19.8	30		18		86	17	0	0		
ISMAILIA	03	5	00	0	2	10	5	18.4		19.0	32		18		90	17	0	0		
FAROUK (Airport)	05	6	00	0	4	10	6	18		17	30		14		94	16	0	0		Cairo Area
ALMAZA	44	3	04	2	4	9	0	18.6	+1.5	17.5	30		14		88	16	0	0		
EZBEKIYA	43	4	02	1	4	Fog	0	19.1	+2.0	18.0	30	+2	16	+1	90	16	0	Dr.	2	
GIZA	43	4	02	1	4	Fog	0	18.7	+1.5	17.8	30	+3	14	+1	96	17	0	Dr.	3	
HELWAN	05	5	00	0	1	5	8,3	18.6	+1.2	18.2	29	+2	15	−1	79	14	0	Dr.	1	
FAIYUM	02	8	30	2	2	9	2	18.6	+1.7	19.5	32	+3	17	+2	86	18	0	0	0	Upper Egypt
BENI SUEF	02	8	02	1	0	8	5	18.3		19.0	31		14		79	15	0	0		
MINYA	01	7	32	1	1	7	1	17		19	32		14		46	16	0	Dr.		
ASYUT	00	7	22	1	0	0	—	17.4	+0.9	20.8	31	+3	17	+2	58	12	0	0		
NAG HAMMADI	00	8	00	0	0	0	—	15.8	+0.2	23.3	36		17		65	16	0	0		
QENA	01	7	24	2	1	5	1	15.6	+0.5	23.0	35	+3	19	+4	47	11	0	Dr.		
LUXOR	00	8	00	0	0	1	1	15		26	36		16		42	12	0	Dr.		
ASWAN	00	9	02	1	1	1	1	15.4	+0.8	26.3	39	+6	21	+3	32	8	0	Dr.		
SIWA	03	7	00	0	2	10	5	20.2	+1.7	13.7	31	+2	11	−1	70	9	0	0	0	Oases
BAHARIYA	02	8	28	1	1	8	5	18.6	+0.8	17.0	33	+5	12	−1	56	8	0	0	0	
FARAFRA																		Dr.		
DAKHLA	01	8	26	1	1	5	5	16.5	−0.5	22.8	35	+4	19	+5	46	11	0	Dr.		
KHARGA	00	8	02	2	0	0	—	16.8	+0.4	26.8	35	+4	19	+4	40	12	0	0		
SUEZ	00	7	32	3	0	0	—	17.2	+0.9	23.9	31	+3	17	0	55	15	0	Dr.	2	Red Sea
TOR	01		04	1	1	7	1	16.3	+1.0	21.0	30	+3	17	+1	43	8	0	0	1	
HURGHADA	01	9	29	4	0	5	1	16		25	29		18		61	17	0	0	0	
QUSEIR	00	8	30	2	0	tr.	1	15.8	+1.2	25.3	29	0	21	0	71	19	0	0	0	
PORT SUDAN											32						0	18	19	
WADI HALFA																	0	0		
KAREIMA																	0	0	1	
ATBARA											38						0	Dr.	2	
KHARTUM											38						0	3	4	
KASSALA											39						0	2	8	
WAD MEDANI																	0	11	11	
RENK																	0	0	44	
ROSEIRES																	0	0	31	
EL OBEID											38						0	0	16	
EL FASHER																	0	0	6	
GENEINA											36								4	
MALAKAL											34						0	75	78	
WAU											36						0	217	132	
JUBA											33						0	126	104	

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visible over 50 kms	9

CLOUD FORM (C)

Cirrus; Cirrostratus; Cirrocumulus; Altocumulus; Altostratus; Strato-cumulus; Nimbostratus; Cumulus; Cumulonimbus; Stratus [partly illegible]

WIND FORCE (F)

Calm 0; Light air 1; Very light 2; [illegible] 3; Moderate 4; Fresh 5; Strong 6; Very strong 7; Gale 8; Strong gale 9; Whole gale 10; Storm 11; Hurricane 12 [speed values illegible]

WIND DIRECTION (DD)

[illegible] 32 ... 08 – East, 16 – South, 24 – West, 32 – North, 00 is Calm

HUMIDITY — Mean of day

Station	4th	Diff. from normal
Alexandria	76	+9
Ezbekiya	79	+12
Giza	81	+11
Helwan	63	+8

GIZA — Grass minimum temp. 5th 10.0

Remarks

UPPER AIR OBSERVATIONS on 4th

DD Direction of wind in degrees East of North. VV Velocity in knots

ALMAZA — Aeroplane ascent on … at … (Height feet: Surface, 500, 1000, 1500, 2000, 4000, 6000, 8000, 10000, 12000, 14000, 16000, 18000, 20000; Pressure, Dry, Wet — no entries)

FAROUK AIRPORT — Rawinsonde on 5th at 4

Pressure mbs.	Height feet	Temp. °C	Humidity	Wind DD	Wind VV
Surface		16		300	8
1000	510	18		300	8
950		20	45		
900	3470	18	25	20	7
850	5060	15	25	310	5
800	6740	12	25	250	15
700	10350	5	35	240	26
600	14410	3	35	260	28
500	19060	−14	45	260	50
400		−26			
300	31120	−39		260	94
250					
200	39840	−58		190	60
150					
100					

Height m.	Matruh (15) DD	Matruh VV	Minya A.P. (15) DD	Minya A.P. VV
200	10	9	360	23
500	10	10	360	21
1000	360	13	320	16
1500	360	21	300	16
2000	360	26	200	21
3000	350	33	220	31
4000				
5000				
6000				
7000				
8000				

UPPER AIR OBSERVATIONS on 5th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Height m.	Sidi Barani (9) DD	VV	Matruh (4 15) DD	VV	Fouad Airport (3 30) DD	VV	Port Sa'id (3 45) DD	VV	Farouk Airport (4) DD	VV	Almaza (8 06) DD	VV	Helwan DD	VV	Minya (2) DD	VV	Asyut DD	VV	Luxor (6) DD	VV	Aswan DD	VV	[illegible] (5) DD	VV
200	290	10	300	11	320	9	270	6	360	8	350	4			10	19			320	1			120	9
500	Ent. Cu		310	13	310	10	280	5	30	8	340	9			10	20							90	8
1000			320	12	330	11	290	3	20	7	20	5			10	18			340	3			30	6
1500			320	15	300	11			310	4	100	4			20	23			50	3			10	3
2000			290	12	300	16			250	12	330	3											290	13
3000			270	17					230	17	240	11											270	27
4000			260	24							240	11											260	23
5000									260	28	310	20											260	37
6000									260	46													270	28
7000																								
8000																								

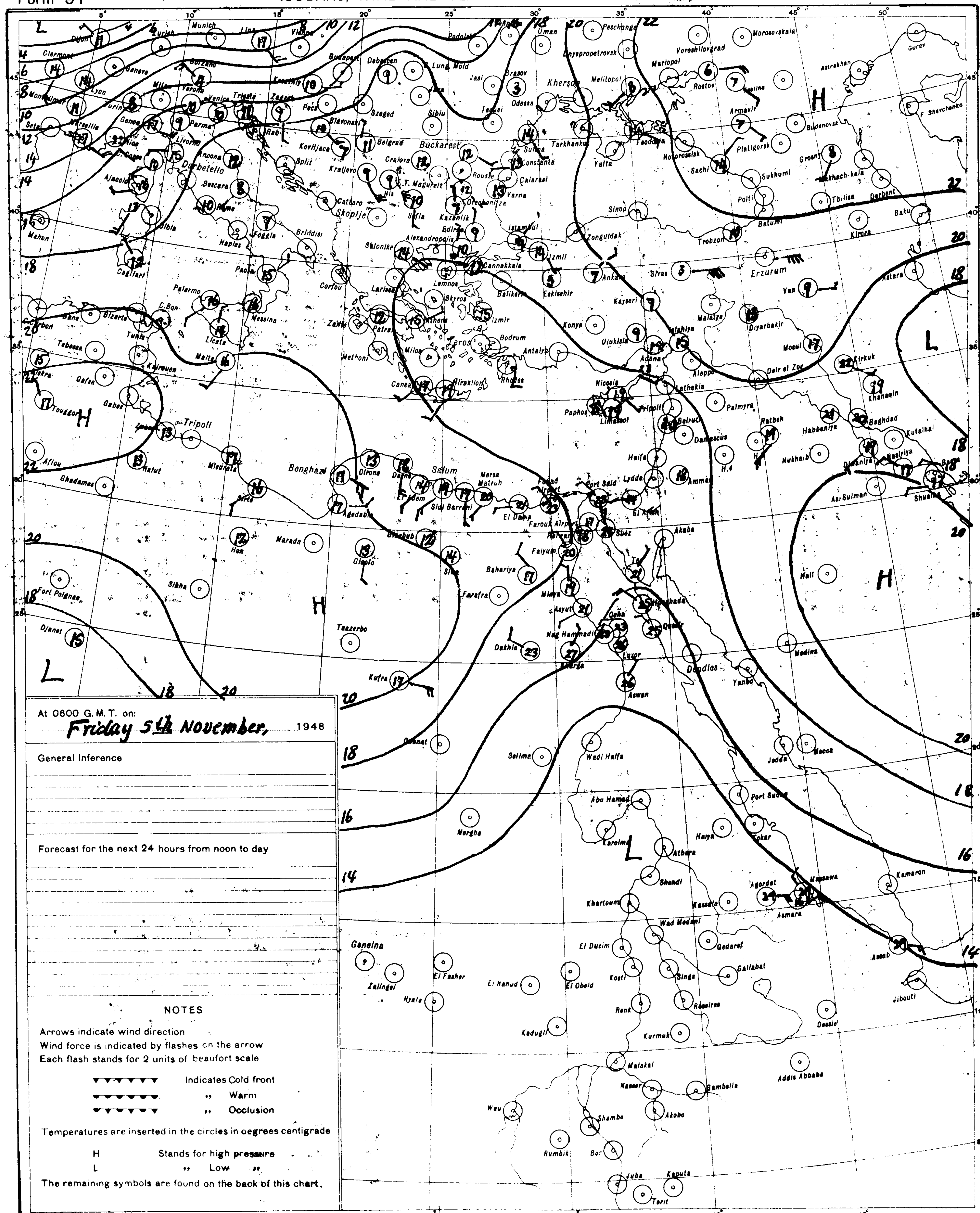
Height m.	Bahariya DD	VV	Dakhla (5) DD	VV	Kharga (6 15) DD	VV	Hurghada (8) DD	VV	Wadi Halfa	Abu Hamad	Kareima	Khartum	Kassala	El Obeid	El Fasher	Malakal
200			20	5	10	22	180	4								
500			30	12	20	21	350	10								
1000			30	15	30	16	310	19								
1500			20	10	70	6	230	16								
2000			20	12	180	12	220	16								
3000					110	5	240	27								
4000																
5000																
6000																
7000																
8000																

Printed by the Survey of Egypt 1948 (48 1951)

Note: All times G.M.T.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: *Friday 5th November,* 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction

Wind force is indicated by flashes on the arrow

Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼ Indicates Cold front

▼▼▼▼▼▼ ,, Warm

▼▼▼▼▼▼ ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure

L ,, Low ,,

The remaining symbols are found on the back of this chart.

S o/E 1948(48/195)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 13 G.M.T.

" " Sunset 15 05 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: Saturday 6th November, 1948.

At 1200 on Friday 5th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARANI	01	9	26	3	1	5	8,4	19.1	23.6	70	18	0
	160	MATRÛH	01	8	30	2	1	5	6,2	19	24	57	15	0
	134	EL DABA	02	9	28	2	2	8	6		24.0	60	16	0
	132	ALEXANDRIA	01	9	28	3	2	5	5	18.4	23.7	59	16	0
	150	FOUAD (Airport)	02	8	26	2	1	9	3,2	18.4	25	54	15	0
	159	DAMIETTA	01	8	30	2	1	7	5	17.1	24.2	74	19	0
	161	PORT SAʿID	02	8	31	3	2	8	6,2	17	25	70	19	0
	135	EL ʿARISH	01	9	28	4	1	5	8	16.8	23.9	77	20	0
Lower Egypt	136	DAMANHUR	01	7	04	3	1	6	1	16.6	30.2?	42?	16	0
	137	MANṢURA	01	8	32	2	1	5	8	17.5	27.0	57	18	0
	138	ṬANTA	01	8	04	2	1	5	8	17.2	26.6	60	18	0
	139	ZAGAZIG	01	6	32	3	0	3	1	16.2	27.2	63	19	0
		SHIBÎN EL KÔM	01	8	30	3	1	5	4	16.7	28.6	47	16	0
		ISMAʿILÎA	03	6	26	1	2	10	5	17.0	28.5	43	14	0
Cairo Area	028	FAROUK (Airport)	03	7	32	4	2	10	2	17	26	55	16	
	141	ALMÂZA	02	8	30	2	1	8	2	17	24	54	14	0
		EZBEKÎYA	03	6	32	2	2	10	6	17.6	25.9	60	18	0
		GÎZA	03	6	32	2	2	10	6	18.2	25.7	66	19	0
	143	HELWÂN	02	7	30	3	2	10	2	17.2	25.5	49	14	0
Upper Egypt	153	FAIYÛM	02	8	30	2	2	10	5	17.0	27.0	43	13	0
		BENI SUEF	02	9	02	1	0	9	5	16.2	25.6	60	18	0
	162	MINYA	01	8	32	3	1	7	1	16	29	46	16	0
	155	ASYÛT	00	8	20	1	0	0	–	15.0	30.8	43	17	0
	164	NAGʿ HAMMÂDI	00	8	00	0	0	0	–	13.5	33.8	45	20	0
	156	QENA	01	8	24	2	1	3	1	13.0	32.0	45	19	0
	157	LUXOR	00	8	29	1	0	tr.	1	13	33	34	15	0
	158	ASWÂN	00	9	00	0	0	0	–	11.1	37.5	19	11	0
Oases	148	SIWA	03	8	00	0	2	10	5	19.0	27.5	54	18	0
	149	BAHARÎYA	02	8	32	1	2	9	5	17.4	28.0	36	12	0
		FARAFRA	01	7	32	3	1	5	4,1	17.4	30.0	31	11	0
	152	DAKHLA	00	9	02	2	0	0	–	14.1	33.6	33	16	0
	151	KHARGA												
Red Sea	144	SUEZ	03	6	02	3	2	10	5	17.0	26.0	42	12	0
	145	TOR	01	8	28	2	1	7	1	14.8	27.2	57	18	0
	163	HURGHÂDA	01	9	02	2	1	5	1	15	27	74	22	0
	147	QUSEIR	00	8	32	2	0	0	–	13.9	28.0	71	22	0
	208	PORT SÛDÂN	01	8	17	1					31	70	25	0
North Sudan	165	WADI HALFA												
	166	KAREIMA	00	8	06	3	0	1	2	7	36	24	12	0
	167	ʿATBARA	01	8	00	0	1	3	2	7	37	25	14	0
	209	KHARTÛM	00	8	06	1	0	tr.	8	6	37	24	13	0
	170	KASSALA	00	8	02	1	0	0	–	5	38	25	15	0
Central Sudan	171	WAD MEDANI	00	8	06	1	0	tr.	8					
	182	RENK												
	172	ROSEIRES	00	8	18	1	0	0	–	8	37	27	15	0
	174	EL OBEID	00	7	02	4	0	0	–	5	36	13	4	0
	175	EL FASHER	01	8	12	3	0	3	1		36	12	2	0
	179	GENEINA	01	8	04	2	1	7	2		33	19	6	0
South Sudan	176	MALAKÂL	01	8	20	1	1	5	8	7	34	47	21	0
	177	WÂU	02	8	04	2	1	9	8	5	36	33	17	0
	178	JUBA	02	8	04	3	1	9	8,2	6	34	41	19	0

At 1800 on Friday 5th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARANI	01	9	30	1	1	5	6,4	20.3	21.0	78	17	0
MATRÛH	01	7	01	2	2	5	6,2	20	21	74	16	0
EL DABA	02	7							22.0	66	15	0
ALEXANDRIA	01	6	28	2	2	7	6	18.8	22.4	66	15	0
FOUAD (Airport)	01	7	31	1	2	3	6	19.8	22	65	15	0
DAMIETTA	01	7	28	2	1	7	5	18.7	21.2	74	16	0
PORT SAʿID	02	7	32	3	2	8	6,2	19	23	69	17	0
EL ʿARISH	01	9	28	4	1	3	8	17.5	22.8	78	19	0
DAMANHUR	00	5	04	3	0	0	–	19.5	20.2	78	16	0
MANṢURA	00	6	28	2	1	0	–	19.5	20.8	79	17	0
ṬANTA	01	8	00	0	1	5	8	19.5	22.0	78	18	0
ZAGAZIG	01	6	28	1	0	5	4	17.6	21.0	87	19	0
SHIBÎN EL KÔM	00	7	30	2	0	0	–	18.6	22.6	66	16	0
ISMAʿILÎA	03	5	02	1	2	10	5	18.7	22.0	74	17	0
FAROUK (Airport)	03	7	06	4	2	10	4	19	21	78	17	0
ALMÂZA	03	7	04	4	2	10	4	19.1	23.0	64	16	0
EZBEKÎYA	03	6	30	1	2	10	6	19.6	21.7	74	17	0
GÎZA	03	6	30	1	2	10	6	19.6	21.4	76	16	0
HELWÂN	02	6	30	4	2	10	5	18.7	22.9	66	16	0
FAIYÛM	02	8	00	0	2	10	5	19.2	21.2	77	17	0
BENI SUEF	00	9	02	1	0	0	–	18.4	21.9	69	16	0
MINYA	00	7	02	2	0	2	1	18	23	61	15	0
ASYÛT	00	6	18	1	0	0	–	17.1	21.8	59	13	0
NAGʿ HAMMÂDI	00	8	00	0	0	0	–	16.0	22.8	75	18	0
QENA	01	6	24	1	1	3	1	14.6	25.8	49	14	0
LUXOR	00	7	14	2	0	0	–	14	27	37	11	0
ASWÂN	00	9	00	0	0	0	–	13.4	33.2	25	10	0
SIWA	00	6	00	0	0	0	–	19.6	22.5	62	14	0
BAHARÎYA	01	7	32	1	1	5	5	19.0	22.0	50	11	0
FARAFRA	02	7	32	4	1	8	5	18.7	21.6	53	12	0
DAKHLA	00	8	28	1	0	0	–	17.2	27.2	38	11	0
KHARGA	00	7	32	2	0	0	–	16.0	27.1	33	9	0
SUEZ	00		32	2	0	0	–	17.5	22.3	73	17	0
TOR	01	8	28	2	1	7	1	16.1	25.5	74	20	0
HURGHÂDA	00	8	27	1	1	1	1	16	25	65	18	0
QUSEIR	00	8	04	1	0	0	–	15.2	25.0	84	22	0
PORT SÛDÂN	00	8	08	3	1	3	6,4	13	29	70	28	0
WADI HALFA												
KAREIMA	00	8	02	3	0	0	–	9	32	12	-1	0
ʿATBARA	00	8	00	0	1	0	–	8	32	28	11	0
KHARTÛM	00	7	28	2	0	0	–	7	33	32	14	0
KASSALA	00	8	04	2	0	0	–	7	31	31	12	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	8	02	2	0	0	–	8	28	27	7	0
EL FASHER	00	8	06	2	1	0	–		29	22	5	0
GENEINA	01	8	30	1	1	3	1		28	27	7	0
MALAKÂL	00	0	00	0	0	1	4	8	25	84	22	0
WÂU	02	8	02	0	1	10	2	7	28	66	21	0
JUBA	00	8	00	0	1	1	1	8	24	50	13	0

At 0600 on Saturday 6th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb TT	Max. Yesterday TxTx	Diff. from norm.	Min. Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	Station	Area
SIDI BARANI	01	9	18	2	1	3	5	21.9		15.4	24		14		95	14	0	24		SÎDI BARÂNI	Mediterranean
MATRÛH	01	8	22	2	1	3	6	21		17	25		15		88	15	0	5		MATRÛH	
EL DABA	02	8	24	1	2	8	6			23.2?	24		15		66?	16	0	4		EL DABAʿ	
ALEXANDRIA	01	9	28	2	2	7	4	20.4	+2.6	22.2	25	-1	21	+3	66	15	0	2	11	ALEXANDRIA	
FOUAD (Airport)	02	7	27	1	2	9	6,2	20.3		22	26		19		69	16	0	2		FOUAD (Airport)	
DAMIETTA	09	5	20	2	1	3	8	19.2	+2.8	19.4	25		16		88	17	0	Dr.	8	DAMIETTA	
PORT SAʿID	02	7	26	2	1	10	6,2	19		22	26		20		83	19	0	0		PORT SAʿID	
EL ʿARISH	01	9	20	2	1	5	8	19.1	+2.7	22.4	25	-1	16	+1	78	18	0	Dr.	6	EL ʿARISH	
DAMANHUR	02	5	24	2	2	8	5	20.7	+3.2	20.2	30	+2	15	0	80	17	0	tr.	6	DAMANHÛR	Lower Egypt
MANṢURA	02	7	04	1	2	10	5	20.3	+3.6	20.5	28	0	17	+1	79	16	0	0	4	MANṢÛRA	
ṬANTA	02	7	00	0	2	10	8	20.2	+2.6	18.0	27	-1	15	+1	93	17	0	0	4	ṬANTA	
ZAGAZIG	00	6	24	2	0	0	–	21.0	+3.8	20.0	31	+3	17	+3	86	17	0	0	2	ZAGAZIG	
SHIBÎN EL KÔM	01	7	28	2	1	5	7	20.4	+3.1	19.8	30		17		80	16	0	0		SHIBÎN EL KÔM	
ISMAʿILÎA	03	5	00	0	2	10	5	19.9		20.3	29		18		77	17	0	0		ISMAʿILÎA	
FAROUK (Airport)	02	7	00	0	2	10	6,2	20		19	26		17		94	18	0	0		FAROUK (Airport)	Cairo Area
ALMÂZA	02	7	00	0	2	10	6,2	20.2	+3.1	19.9	26		17		79	17	0	0		ALMÂZA	
EZBEKÎYA	03	6	00	0	2	10	6	20.7	+3.6	20.0	27	-1	18	+3	81	17	0	Dr.	2	EZBEKÎYA	
GÎZA	03	6	00	0	2	10	6	20.6	+3.3	19.3	26	-1	15	+2	85	16	0	Dr.	3	GÎZA	
HELWÂN	05	6	32	3	2	10	2	20.6	+3.2	20.6	26	-1	18	+2	74	16	0	Dr.	1	HELWÂN	
FAIYÛM	02	8	32	2	2	9	2	20.7	+3.7	20.5	28	-1	17	+2	75	15	0	0	0	FAIYÛM	Upper Egypt
BENI SUEF	02	8	06	1	0	9	5	20.0		21.3	28		16		76	17	0	0		BENI SUEF	
MINYA	0	7	32	3	0	5	1	19		20	29		16		78	16	0	Dr.		MINYA	
ASYÛT	00	7	26	1	0	0	0	19.1	+2.5	20.6	32	+4	16	+1	76	17	0	0		ASYÛT	
NAGʿ HAMMÂDI	00	8	28	1	0	0	0	16.7	+1.0	22.0	35		17		72	17	0	0		NAGʿ HAMMÂDI	
QENA	00	7	28	2	0	0	–	16.8	+1.6	21.4	34	+2	18	+3	54	11	0	Dr.		QENA	
LUXOR	00	8	00	0	0	0	–	16		25	34		16		51	14	0	Dr.		LUXOR	
ASWÂN	00	9	32	1	0	0	–	15.9	+1.1	23.0	39	+6	20	+2	57	14	0	Dr.		ASWÂN	
SIWA	03	7	00	0	2	10	5	21.8	+3.3	15.2	28	-1	13	+1	66	9	0	0	0	SIWA	Oases
BAHARÎYA	02	7	04	1	1	8	4	21.2	+3.4	19.1	28	0	16	+3	80	15	0	0	0	BAHARIYA	
FARAFRA	02	8	02	1	2	9	5	20.8		18.5	31		14		76	14	0	Dr.		FARAFRA	
DAKHLA	01	8	20	1	1	5	5	18.5	+1.5	21.4	34	+4	17	+3	54	11	0	Dr.		DAKHLA	
KHARGA	00	7	32	2	0	0	–	17.9	+1.9	23.3	35	+4	20	+5	51	12	0	0		KHARGA	
SUEZ	02	5	00	0	2	8	8	19.1	+2.8	19.7	28	0	18	+1	83	17	0	Dr.	2	SUEZ	Red Sea
TOR	00	9	04	3	0	0	–	17.1	+1.9	21.3	29	+2	17	+1	55	12	0	0	1	TOR	
HURGHÂDA	00	9	30	6	0	2	1	17		24	29		19		61	16	0	0		HURGHADA	
QUSEIR	01	8	28	3	1	3	1	16.2	+1.4	26.4	29	0	22	+1	53	16	0	0	0	QUSEIR	
PORT SÛDÂN	01	8	06	3	1	7	8	15		30	33				66	23	0	18	20	PORT SUDAN	
WADI HALFA																		0		WÂDI HALFA	North Sudan
KAREIMA	00	8	06	3	0	0	–	12		27	38		25		40	12	0	0	1	KAREIMA	
ʿATBARA	00	7	04	3	0	0	–	0		27	38		23		37	11	0	Dr.	2	ʿATBARA	
KHARTÛM	01	9	06	3	0	0	–	11		29	38		24				0	3	4	KHARTÛM	
KASSALA	00	9	12	1	0	0	–	9		32	39		24		43	18	0	2	8	KASSALA	
WAD MEDANI																		11	11	WAD MEDANI	Central Sudan
RENK																		0	44	RENK	
ROSEIRES																		0	31	ROSEIRES	
EL OBEID	01	8	00	0	0	5	1	11		29	37		19		17	1	0	0	16	EL OBEID	
EL FASHER	02	8	24	1	1	9	1			23	36		17		22	0	0	0	6	EL FÂSHER	
GENEINA											36								4	GENEINA	
MALAKÂL											35							75	79	MALAKAL	South Sudan
WÂU											36							217	133	WAU	
JUBA	01	8	28	1	1	5	2	11		26	34		23		79	22	0	126	103	JUBA	

Humidity — Mean of day

Station	on 5th	Diff. from normal
Alexandria	62	-5
Ezbekiya	75	+8
Giza	79	+9
Helwan	67	+12

GIZA — Grass Minimum Temp. on 6th 11.3

Remarks

UPPER AIR OBSERVATIONS on 5th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — Aeroplane Ascent on ... at ...

Height feet	Pres. mbs.	Dry °C	Wet °C
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT — Rawinsonde on 6th at 3

Pressure mbs.	Height feet	Temp °C	Humidity %	Wind DD	Wind VV
Surface		18	85	40	2
1000	540	17	85	40	2
950					
900	3460	13	45	350	12
850	5040	13	25	340	13
800	6700	11	15	310	8
700	10310	4	25	270	10
600	14350	-5		230	29
500	18980	-14		260	39
400		-27			
300	31040	-40		260	63
250					
200	39730	-59		190	40
150					
100					

Station	Sidi Barani				Matruh				Fouad A.P.		Almaza		Port Said	
Time	14				13 45				14 30		14		14 30	
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	340	13			330	14			320	14	350	10	340	9
500	330	15			340	10			290	10	350	8	340	9
1000	310	13			320	10			290	5	350	8	340	13
1500	270	18			290	16			280	10	240	5	240	5
2000	280	40			300	16			250	18	280	18	240	3
3000					280	35			250	20	290	32		
4000					260	25					290	16		
5000														
6000														
7000														
8000														

Station	Minya	
Time	15	
Height m.	DD	VV
200	10	36
500	360	40
1000	350	42
1500	310	20
2000	320	20
3000		
4000		
5000		
6000		
7000		
8000		

UPPER AIR OBSERVATIONS on

DD Direction of wind in degrees East of North. VV Velocity in knots.

Station	Sidi Barani		Matrûh		Fouad Airport		Port Saʿid		Farouk Airport		Almâza		Helwan		Minya		Asyut A.R.		Luxor		Aswan		[illegible]	
Time	9		5		3				4		9		7 45		3		10 25		5 45		5		5	
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	270	15	240	7	340	6			310	10	350	7	360	12	360	15	340	23	350	4	20	8	130	11
500	260	13	340	6	350	7			10	11	40	5	20	16	360	16	350	17	20	11	50	10	130	5
1000	260	15	300	15	350	7			360	11	40	5	20	15	350	22	360	21	50	10	100	19	360	4
1500	270	22	300	20	360	8			340	12	Ent Sc		360	14	350	36	330	9	80	8	110	14	30	11
2000	250	21	290	19	320	9			310	7			360	6	10	43	310	10	60	6	110	24	360	22
3000	270	28	280	36	20	14			290	8			280	10									280	21
4000	260	28							230	25														
5000									250	27														
6000									250	41														
7000																								
8000																								

Station	Bahariya		Dakhla		Kharga		Hurghada		Wadi Halfa		Abu Hamâd		Kareima		Khartûm		Kassala		El Obeid		El Fasher		Malakal	
Time			5		5		8																	
Height m.	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200			70	9	360	14	320	64																
500			50	11	20	22	320	31																
1000			20	17	30	23	350	12																
1500			20	11	40	10	360	16																
2000			10	10	40	17	90	3																
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Note: All times G.M.T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visibility over 50 kms.	9

CLOUD FORM (C)

[illegible]

WIND FORCE (F)

[illegible]

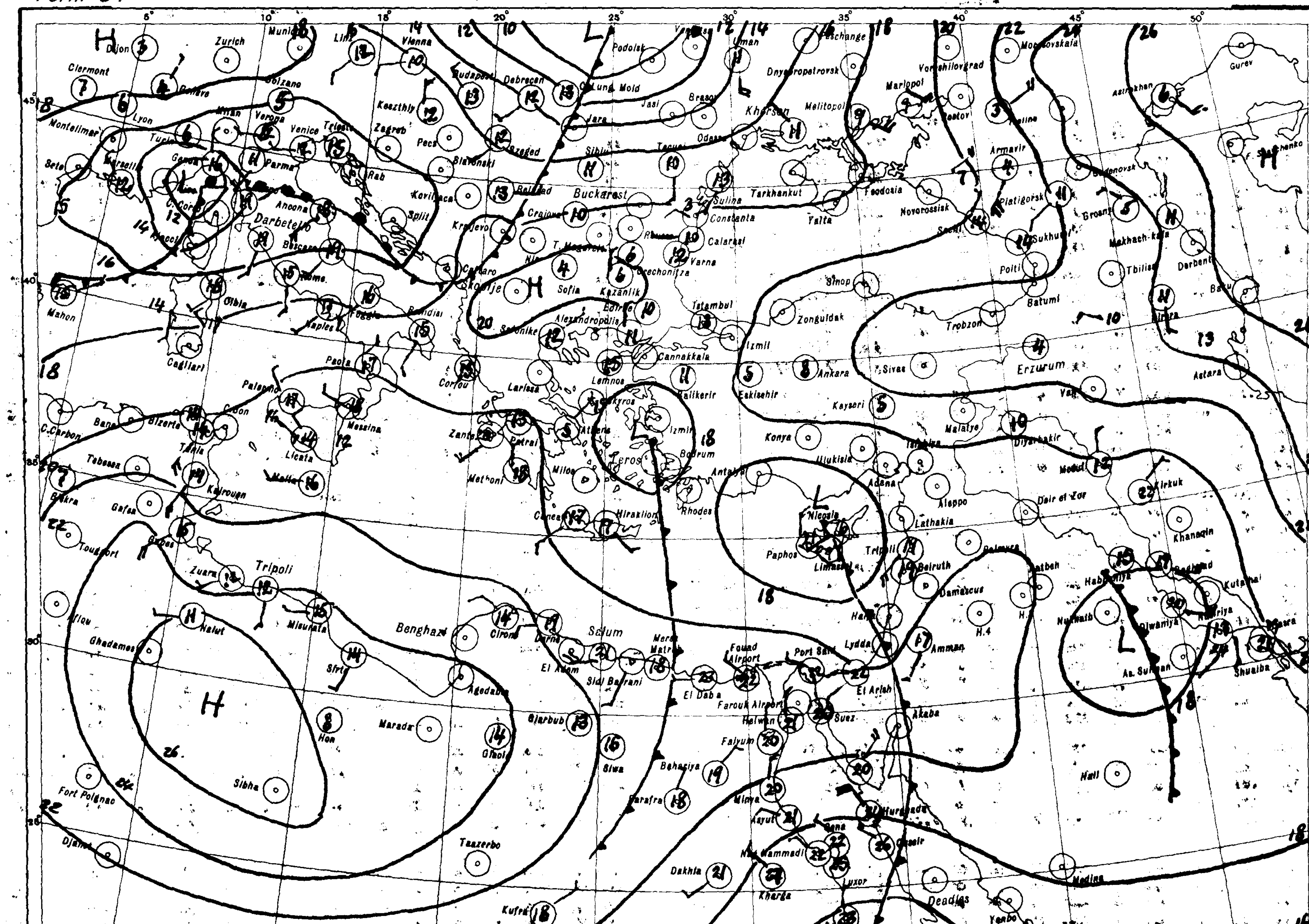
WIND DIRECTION (DD)

[illegible] 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Printed by the Survey of Egypt 1948 (48 195)

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: *Saturday 6th November,* 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼ Indicates Cold front
▼▼▼▼▼▼ ,, Warm
▼▼▼▼▼▼ ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 13 G.M.T.

" " Sunset 15 04 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: SUNDAY 7th NOVEMBER, 1948.

At 1200 on SATURDAY 6th

Area	Index Number	Station	Present Weather (ww)	Visibility (V)	Wind Direction (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount 0-10	Cloud Form (C)	Bar. Press. M.S.L. mbs. (PPP)	Temp. °C. (TT)	Humidity % (UU)	Dew Point °C.	Rain 6-12 G.M.T. mms
Mediterranean	146	Sidi Barani	01	9	28	4	1	5	8	19.6	24.0	68	18	0
	160	Matrûh												
	134	El Daba	02	9	28	2	2	8	6	19.8	23.2	67	16	0
	132	Alexandria	02	9	28	2	2	8	4	19.6	23.	62	15	0
	150	Fouad (Airport)	02	8	28	3	2	10	8	19.7	24	69	18	0
	159	Damietta	02	8	28	3	2	10	5	18.2	23.8	60	16	0
	161	Port Sa'id	02	8	30	4	2	10	8	19	24	65	17	0
	135	El 'Arish	03	9	28	3	2	10	6	18.2	24.4	59	15	0
Lower Egypt	136	Damanhur	02	7	28	3	2	8	5	20.0	24.6	56	16	0
	137	Mansura	02	7	32	2	2	8	5	19.1	25.8	55	16	0
	138	Tanta	03	8	00	0	2	10	6	19.2	25.0	61	17	0
	139	Zagazig	01	6	32	2	0	5	6	19.5	22.8	66	16	0
		Shibîn el Kôm	01	8	28	3		5	4	19.0	26.9	51	16	0
		Ismailîa	03	5	02	1	2	10	5	19.4	26.0	54	16	0
Cairo Area	028	Farouk (Airport)	03	8	02	4	2	10	8	19	24	61	16	0
	141	Almâza	03	7	02	3	2	10	8,5	18.5	24.5	53	14	0
		Ezbekîya	03	8	02	1	2	10	6	19.1	24.3	57	15	0
		Gîza	03	8	02	1	2	10	6	18.7	24.5	54	14	0
	143	Helwân	02	8	30	4	2	10	7	18.6	24.6	49	13	0
Upper Egypt	153	Faiyûm	02	8	32	2	2	10	5	18.4	26.2	41	11	0
		Beni Suef	03	8	06	1	2	10	5	17.9	26.6	45	14	0
	162	Minya	02	8	01	4	1	8	1	18	27	42	13	0
	155	Asyût	00	8	26	1	0	0	-	16.3	28.8	35	12	0
	164	Nag' Hammâdi	00	8	24	1	0	0	-	14.3	30.0	54	20	0
	156	Qena	01	8	26	2	0	3	1	13.0	30.0	43	16	0
	157	Luxor	01	8	29	1	1	5	2	13	33	34	15	0
	158	Aswân	01	9	28	1	1	3	1	11.9	35.0	22	10	0
Oases	148	Siwa	03	8	00	0	2	10	5	21.0	26.5	53	16	0
	149	Bahariya	02	8	32	1	2	9	4	18.6	26.5	37	10	0
		Farafra	02	8	04	2	2	8	6	19.5	28.1	42	14	0
	152	Dakhla	01	9	32	3	1	5	5	15.5	29.6	38	14	0
	151	Kharga	01	8	32	4	0	5	2	14.7	30.8	19	05	0
Red Sea	144	Suez	03	6	32	2	2	10	5	16.6	25.3	51	14	0
	145	Tôr	00	8	28	3	0	0	-	15.9	26.2	67	19	0
	163	Hurghâda	01	9	30	4	0	3	1	15	26	58	17	0
	147	Quseir	00	8	02	3	0	6	1	15.0	27.3	68	20	0
	208	Port Sudân	01	8	05	3	1	5	8	11	31	70	25	0
Northern Sudan	165	Wadi Halfa												
	166	Kareima	00	8	04	2	0	0	-	7	37	20	11	0
	167	'Atbara	02	8	32	2	1	10	2	8	37	22	12	0
	209	Khartûm	00	8	32	1	0	6	8	6	37	20	11	0
	170	Kassala	00	8	00	0	0	[illegible]	4	4	39	26	16	0
Central Sudan	171	Wad Medani	01	8		2	0	3	6	7	38	17	09	0
	182	Renk	01	9		2	1	7	8	5	37	33	18	0
	172	Roseires												
	174	El Obeid	00	8	30	3	0	0	-	5	37	13	05	0
	175	El Fasher	01	8	26	2	1	5	2		35	15	05	0
	179	Geneina	02	8	10	3	1	8	2,2		35	10	-1	0
Southern Sudan	176	Malakâl	02	8	18	1	1	8	2,4	6	35	32	16	0
	177	Wau	02	8	08	1	1	9	8,2	5	36	29	15	0
	178	Juba												

At 1800 on 6th

Station	Present Weather (ww)	Visibility (V)	Wind Direction (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount 0-10	Cloud Form (C)	Bar. Press. M.S.L. mbs. (PPP)	Temp. °C (TT)	Humidity % (UU)	Dew Point °C.	Rain 12-18 G.M.T. mms
Sidi Barani	02	8	28	4	1	8	8	20.8	21.2	79	17	0
Matrûh	01	7	31	3	0	3	6	21	21	74	16	0
El Daba	00	7	00	0	0	0	-		20.7	67	15	0
Alexandria	01	6	28	2	2	5	4	20.4	22.0	78	18	0
Fouad (Airport)	01	7	32	1	2	5	8	20.3	22	78	18	0
Damietta	01	7	30	2	1	7	5	19.0	21.2	74	16	0
Port Sa'id	01	7	30	3	1	3	6,1	20	23	65	16	0
El 'Arish	01	9	28	4	1	3	2	18.7	22.8	64	16	0
Damanhur	01	5	28	2	1	3	1	20.0	19.4	77	15	0
Mansura	00	6	04	2	1	0	-	20.4	20.8	79	17	0
Tanta	00	8	00	0	1	0	-	21.0	19.4	79	15	0
Zagazig	01	6	24	2	1	5	6	20.7	21.0	84	18	0
Shibîn el Kôm	01	7	28	2	1	5	6	19.6	24.4	67	18	0
Ismailîa	02	5	32	1	2	8	5	19.5	21.8	67	16	0
Farouk (Airport)	03	7	02	2	2	10	2	20	20	83	17	0
Almâza	01	7	01	2	2	5	5	19.9	21.8	67	15	0
Ezbekîya	01	7	30	1	1	5	6	20.6	20.8	76	16	0
Gîza	01	7	30	1	1	5	6	19.4	21.0	73	16	0
Helwân	01	7	30	3	1	7	5	20.0	21.8	63	15	0
Faiyûm	02	8	00	0	2	10	5	19.5	21.4	65	14	0
Beni Suef	00	9	02	1	0	0	-	19.2	20.9	70	15	0
Minya	01	7	01	2	2	5	1	19	20	73	15	0
Asyût	00	6	20	1	0	0	-	18.3	22.8	53	13	0
Nag' Hammâdi	00	8	24	1	0	0	-	15.5	22.3	69	16	0
Qena	01	6	24	1	1	3	1	14.6	24.3	56	15	0
Luxor	00	7	16	1	2	1	1	15	26	42	12	0
Aswân	00	9	32	1	0	0	-	13.1	31.0	22	07	0
Siwa	04	6	00	0	0	0	-	21.2	19.4	61	11	0
Bahariya	02	7	32	1	2	9	4	20.2	21.0	57	12	0
Farafra												
Dakhla	01	8	28	3	1	5	5	17.0	26.8	41	12	0
Kharga	01	6	32	4	0	5	2	15.9	25.0	39	10	0
Suez	00		00	0	0	0	-	18.0	21.6	70	16	0
Tôr	00	8	28	1	0	0	-	16.8	23.2	59	15	0
Hurghâda	01	8	27	5	0	5	1	17	25	58	16	0

At 0600 on SUNDAY 7th

Station	Present Weather (ww)	Visibility (V)	Wind Direction (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount 0-10	Cloud Form (C)	Bar. Pressure M.S.L. mbs. (PPP)	Diff. from normal mbs.	Temp. Dry Bulb (TT)	Maximum Yesterday (T_xT_x)	Max. Diff. from norm.	Minimum Today (T_nT_n)	Min. Diff. from norm.	Humidity % (UU)	Dew Point °C.	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	Area
Sîdi Barâni	02	7	26	2	1	8	9,2	20.8		21.2	26		15		74	16	0	24		Mediterranean
Matrûh	01	7	26	3	1	5	6	20		18	25		15		72	14	0	5		
El Daba'	00	9	28	1	0	0	-			21.2	24		15		67	14	0	tr		
Alexandria	02	9	28	3	6	8	9	19.6	+1.8	22.3	25	-1	18	0	66	15	3	5	12	
Fouad (Airport)	01	8	30	2	8	7	8	19.4		22	25		17		61	14	3	5		
Damietta	60	8	02	3	6	7	9	18.7	+2.3	19.6	25		16		84	16	tr	tr	9	
Port Sa'id	01	7	26	3	1	5	8	19		22	26		20		74	17	0	0		
El 'Arish	02	9	20	3	2	9	9	18.7	+2.2	20.2	25	-1	18	+4	82	17	0	tr	6	
Damanhûr	01	6	24	2	5	5	8	19.8	+2.3	19.0	25	-3	16	+1	83	16	tr	tr	6	Lower Egypt
Mansûra	01	7	30	1	1	5	9	19.2	+2.5	20.0	26	-2	16	+1	81	17	0	tr	4	
Tanta	01	8	20	1	1	3	8	19.9	+2.3	18.0	26	-2	14	0	88	16	0	0	4	
Zagazig	00	6	16	2	0	0	-	19.9	+2.7	21.0	26	-2	16	+2	82	18	0	0	2	
Shibîn el Kôm	01	7	28	2	0	3	8	19.9	+2.5	18.9	27		16		80	15	0	0		
Ismailîa	01	6	26	1	1	5	5	19.1		20.7	26		17		76	17	0	0		
Farouk (Airport)	10	7	00	0	0	0	-	19		20	25		17		78	16	0	0		Cairo Area
Almâza	00	7	00	0	0	2	1	19.7	+2.5	20.0	24		16		73	15	0	0		
Ezbekîya	00	7	00	0	0	1	1	19.9	+2.7	19.9	25	-3	17	+2	81	17	0	tr	2	
Gîza	00	7	00	0	0	1	1	19.9	+2.6	21.0	25	-2	14	+1	78	17	0	tr	3	
Helwân	09	5	00	0	2	7	1	20.2	+2.7	18.2	25	-2	16	0	88	16	0	tr	1	
Faiyûm	02	8	32	2	2	8	2	20.3	+3.3	20.5	27	-2	16	+2	74	15	0	0	0	Upper Egypt
Beni Suef	02	9	06	1	0	8	5	19.6		20.1	27		15		77	16	0	0		
Minya	02	7	32	2	1	8	4	19		18	27		16		83	15	0	tr		
Asyût	01	7	22	1	1	5	2	18.7	+2.0	18.9	29	+1	16	+1	82	16	0	0	0	
Nag' Hammâdi	00	8	28	1	0	0	-	16.7	+1.0	21.3	31		16		68	15	0	0		
Qena	01	7	26	2	1	5	1	16.6	+1.3	20.6	34	+2	18	+3			0	tr		
Luxor	01	8	00	0	0	5	2	16		25	34		18		51	14	0	tr		
Aswân	01	9	32	1	1	3	1	16.2	+1.3	23.0	36	+3	20	+2	55	14	0	tr		
Siwa	00	7	00	0	0	0	-	22.6	+4.0	18.5	27	-2	14	+3	55	09	0	0	0	Oases
Bahariya	02	8	00	0	1	8	4	20.2	+2.3	20.8	27	-1	14	+1	67	14	0	0	0	
Farafra	02	7	00	0	1	5	6	19.5		21.0			16		69	15	0	tr		
Dakhla	03	7	24	1	2	10	5	18.3	+1.2	22.2	30	0	19	+5	50	11	0	tr		
Kharga	01	7	32	3	0	5	2	17.4	+1.3	21.1	31	+1	19	+4	62	13	0	0		
Suez	01	5	00	0	1	3	6				27	-1	17	0	76		0	tr	3	Red Sea
Tor	02	8	28	3	2	8	1	15.5	+0.3	23.0	27	0	17	+1	56	14	0	0	1	
Hurghada	02	9	26	1	0	8	8	16		23	26		18		50	12	0	0	0	
Qusfir	01	8	32	5	1	5	1	15.1	+0.3	25.6	29	0	22	+1	57	16	0	0	1	
Port Sudan	01	8	30	3	1	7	6	13		28			24		79	24	0	18	22	
Wâdi Halfa																	0	0		Northern Sudan
Kareima	01	8	06	3	0	0	-	11		28			24		37	12	0	0	1	
'Atbara	01	7	06	2	1	3	2	10		28			22		35	11	0	tr	2	
Khartûm	01	8	30	3	1	7	6	10		28					37	12	0	3	4	
Kassala	00	8	26	1	0	0	-	8		28			22		55	18	0	2	8	
Wad Medani																	0	11	11	Central Sudan
Renk	00	9	20	2	0	0	-	8		30					49	8	0	0	45	
Roseires	00	8	12	2	0	0	-	10		26			24		58	7	0	0	32	
El Obeid	01	8	30	2	1	5	1	10		27			21		23	4	0	0	16	
El Fasher	01	8	32	1	1	7	2			21			15		38	6	0	0	6	
Geneina																			4	
Malakal	02	8	28	1	1	9	4	11		24			22			3	0	75	79	Southern Sudan
Wau	01	8	00	0	0	10	6,4	11		24			22		84	21	1	218	134	
Juba	00	8	16	2	0	5	2	11		25			18		70	19	0	126	106	

Humidity

Mean of day

Station	on 6th	Diff. from normal
Alexandria	68	+1
Ezbekiya	71	+3
Giza	72	+2
Helwân	63	+7

GIZA

Grass Minimum Temp. on 7th 10.4

Remarks

UPPER AIR OBSERVATIONS on 6th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — Aeroplane Ascent on 6th at 13 30

Height feet	Pressure	Dry	Wet
Surface	1009	21	18
500	984	22	17
1000	966	20	16
1500	949	19	16
2000	930	17	15
4000	862	13	9
6000	748	12	6
8000	742	8	2
10000	684	3	-2
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT — Rawinsonde on 7th at 3

Pressure mbs.	Height feet	Temp °C	Humidity %	Wind DD	Wind VV
1008		17	85	50	3
1000	540	18	95	50	2
950					
900	3490	15	65	330	17
850	5070	11	75	320	21
800	6730	8	75	310	23
700	10220	4	45	290	21
600	14380	-4	2-	280	40
500	19020	-13	-	270	50
400					
300	31180	-38			
250					
200					
150					
100					

Pilot balloon observations on 6th

Height m	Fouad A.P. (14 30) DD	VV	Minya (15) DD	VV	Matruh (14) DD	VV	Almaza (14 30) DD	VV
200	320	11	360	28	340	11	10	6
500	320	13	360	31	350	12	10	10
1000	320	16	360	28	310	13	10	12
1500	320	21	340	16	280	14		
2000	310	24	320	10	250	23		
3000	280	22			250	25		
4000	280	23						
5000								
6000								
7000								
8000								

UPPER AIR OBSERVATIONS on 7th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Height m	Sîdi Barâni (5) DD	VV	Matrûh (4 30) DD	VV	Fouad Airport (4) DD	VV	Port Saîd (4) DD	VV	Farouk Airport (3) DD	VV	Almaza DD	VV	Helwan (7 45) DD	VV	Minya (3) DD	VV	Asyut R.P. (5 30) DD	VV	Luxor (5 45) DD	VV	Aswan (5) DD	VV	Siwa (5) DD	VV
200	320	14	320	16	320	11	280	16	10	5			310	8	10	19	330	15	350	10	330	14	10	15
500	320	15	310	16	300	10	300	16	340	10			340	8	20	25	10	23	350	11	20	19	20	14
1000	320	14	320	17	310	13	300	12	340	10			340	15	20	30	10	29	360	15	30	22	350	14
1500	320	13	350	16	290	16	320	9	330	19			Ent Cu		20	33	350	23	360	12	60	14	350	19
2000	330	14			Ent Cu		220	10	310	18					10	56	330	25	210	4	90	8	350	15
3000	300	10					290	12	290	19							260	12	270	6			320	19
4000	290	6					290	16									280	22					290	27
5000							280	20	260	44							270	20						
6000									260	51														
7000																								
8000																								

Height m	Bahariya (5) DD	VV	Dakhla (5) DD	VV	Kharga (5 30) DD	VV	Hurghada (8) DD	VV	Wadi Halfa DD	VV	Abu Hamad DD	VV	Kareima DD	VV	Khartûm (4 30) DD	VV	Kassala DD	VV	El Obeid (2 30) DD	VV	El Fasher (4) DD	VV	Malakal DD	VV
200	10	9	310	3	20	21	320	15																
500	20	11	20	8	20	28	340	25																
1000	20	14	30	22	20	37	350	23							60	20			350	29	360	11		
1500	340	13	360	14			350	25							10	15			30	18	30	8		
2000	320	18	310	11			350	4											60	7	10	8		
3000	310	30	20	12			300	16											170	7	340	8		
4000	310	36																	120	8	200	4		
5000																					160	9		
6000																					190	11		
7000																								
8000																								

Note: All times G.M.T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
.. of Snow	83, 84
.. of Sleet	85, 86
.. of Hail	88, 89
Thunderstorm	90-99
.. ended, now Rain	91
.. with Hail	94-96
.. with Duststorm	98
.. heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ..	1
500 ..	2
1 Kilometre	3
2 ..	4
4 ..	5
10 ..	6
20 ..	7
50 ..	8
Visible over 50 Kms	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Printed by the Survey of Egypt 1948 (48/195)

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on: Sunday 7th November, 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
,, Warm
,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

S. of E. 1948(48/195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 14 G.M.T.
" " Sunset 15 03 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: MONDAY 8th NOVEMBER, 1948.

At 1200 on SUNDAY 7th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARANI	02	9	28	3	5	8	8	19.9	23.5	70	18	tr
	160	MATRUH												
	134	EL DABA	01	8	28	1	1	5	8		23.4	68	17	0
	132	ALEXANDRIA	01	9	04	2	5	5	8	18.2	23.2	59	15	tr
	150	FOUAD (Airport)	01	7	32	3	0	5	6	17.8	24			
	159	DAMIETTA	01	8	02	3	1	3	8	16.8	23.2	63	16	0
	161	PORT SA'ID	01	8	32	3	0	5	9	17	24	61	16	0
	135	EL 'ARISH	01	9	28	4	1	5	8	16.7	23.3	71	17	0
Lower Egypt	136	DAMANHUR	01	7	28	3	1	3	8	18.2	24.2	53	14	0
	137	MANSURA	01	8	32	2	5	5	9	17.0	25.2	58	16	tr
	138	TANTA	01	8	32	3	1	5	8	17.8	25.0	61	17	0
	139	ZAGAZIG	01	6	32	2	1	7	8	17.1	24.2	68	18	0
		SHIBIN EL KOM	01	8	30	3	1	5	8	17.5	29.1	44	15	0
		ISMAILIA	01	7	02	1	1	5	6	16.4	25.5	50	15	0
Cairo Area	928	FAROUK (Airport)												
	141	ALMAZA	01	8	30	3	1	3	8	16.8	25.0	51	14	0
		EZBEKIYA	01	8	02	2	5	5	8	17.2	25.6	50	15	tr
		GIZA	01	8	02	2	1	5	8	16.7	26.1	49	14	0
	143	HELWAN	01	8	30	3	1	5	8	16.6	24.4	50	13	0
Upper Egypt	153	FAIYUM	02	8	02	1	2	8	6	16.7	25.9	52	15	0
		BENI SUEF	01	9	02	1	0	5	4	16.3	26.6	50	15	0
	162	MINYA	01	8	31	5	2	5	8,4	17	27	40	12	0
	155	ASYUT	01	7	20	1	2	7	6	16.7	24.0	53	14	0
	164	NAG HAMMADI	00	8	26	2	0	0		13.4	29.0	36	12	0
	156	QENA	02	8	24	1	1	8	3	13.1	30.6	43	17	0
	157	LUXOR	01	8	30	1	1	5	1	12	32	29	12	0
	158	ASWAN	01	9	32	2	1	3	1	11.0	32.3	27	10	0
Oases	148	SIWA	00	8	00	0	0		-	21.5	26.4	46	13	0
	149	BAHARIYA	02	8	32	2	1	8	4	17.8	25.0	47	13	0
		FARAFRA												
	152	DAKHLA	02	8	30	4		9	5	16.8	27.8	42	14	0
	151	KHARGA	01	7	32	5	0	5	1	14.9	28.3	27	07	0
Red Sea	144	SUEZ	01	6	32	1	1	5	8	15.1	25.0	48	13	0
	145	TOR	02	8	28	5	2	8	1	14.7	25.0	62	17	0
	163	HURGHADA	02	9	30	5	2	8	4	14	25	54	15	0
	147	QUSEIR	01	8	02	5	1	5	1	13.6	27.0	63	19	0
	208	PORT SUDAN	01	8	06	4	1	3	8,2	10	30	62	22	0
Northern Sudan	165	WADI HALFA												
	166	KAREIMA	01	8	04	3	2	5						0
	167	ATBARA												
	209	KHARTUM	00	8	04	2	0	0	-	4	37	20	11	0
	170	KASSALA												
Central Sudan	171	WAD MEDANI	00	8	08	1	0	0	-	3	38	21	12	0
	182	RENK												
	172	ROSEIRES	00	8	18	1	0	0	-	6	38	25	15	0
	174	EL OBEID												
	175	EL FASHER	00	8	04	3	0	0	-		34			0
	139	GENEINA	00	8	04	3	0							0
Southern Sudan	176	MALAKAL												
	177	WAU	01	8	00	0	1	5	8		34	36	17	0
	178	JUBA												

At 1800 on 7th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARANI	02	8	28	3	1	8	8	19.9	21.5	77	18	0
MATRUH												
EL DABA	01	7	28	1	1	3	8		20.8	75	16	0
ALEXANDRIA	01	6	04	3	5	3	4	19.4	21.2	62	13	tr
FOUAD (Airport)	01	7	02	1	1	5	8	18.9	20	78	16	0
DAMIETTA	00	7	30	3	0	1	8	17.5	20.5	64	13	0
PORT SA'ID	01	7	31	3	0	5	6	18	22	65	15	0
EL 'ARISH	00	9	30	4	0	2	8	17.5	21.8	66	15	0
DAMANHUR	00	6	28	3	0	0	-	19.2	19.4	78	15	0
MANSURA	00	6	28	2	1	0	-	18.8	19.5	77	16	0
TANTA	00	8	00	0	1	0	-	19.4	18.0	88	16	0
ZAGAZIG	00	6	00	0	1	0	-	19.6	16.0	81	13	0
SHIBIN EL KOM	00	7	28	2	0	0	-	19.1	22.1	70	16	0
ISMAILIA	00	7	02	1	0	0	-	19.4	20.0	72	15	0
FAROUK (Airport)												
ALMAZA	01	7	02	3	1	5	6	18.2	21.2	70	16	0
EZBEKIYA	01	7	04	1	1	5	8	18.6	20.5	76	16	0
GIZA	01	7	04	1	1	5	8	18.6	21.3	77	17	0
HELWAN	00	7	32	3	1	2	8	18.6	21.0	67	15	0
FAIYUM	00	8	32	2	1	0	-	17.8	20.9	74	16	0
BENI SUEF	00	9	30	1	0	0	-	17.6	20.6	71	15	0
MINYA	01	7	00	0	1	5	4	17	20	69	14	0
ASYUT	00	6	26	1	1	0	-	17.2	20.0	72	15	0
NAG HAMMADI	00	8	26	1	0	0	-	15.2	22.0	67	15	0
QENA	02	6	26	2	2	8	3	15.5	24.2	44	11	0
LUXOR	01	7	00	0	1	5	3	15	21	57	12	0
ASWAN	00	9	32	4	0	0	-	12.7	28.0	33	10	0
SIWA	00	6	00	0	0	0	-	20.4	20.6	50	10	0
BAHARIYA	01	7	00	0	1	3	4	18.8	19.3	56	10	0
FARAFRA	01	6	32	2	1	3	8	19.1	19.3	52	09	0
DAKHLA	00	8	00	0	0	0	-	17.4	24.8	49	14	0
KHARGA	00	7	32	2	0	5		17.2	23.	48	11	0
SUEZ	01		00	0	1	3	9	16.6	21.5	69	16	0
TOR	01	8	28	3	1	7	1	14.8	24.0	53	14	0
HURGHADA	02	8	26	3	2	8	6	15	25	51	14	0
QUSEIR	00	8	32	5	0	0	-	14.3	25.0	61	17	0
PORT SUDAN	00	8	00	0	0	0	-	8	31	31	12	0
WADI HALFA												
KAREIMA												
ATBARA	01	8	02	1	0	1	2	9	29	43	15	0
KHARTUM	01	8	04	2	1	5	6	8	28	70	22	0
KASSALA	00	8	00	0	0	0	-	7	28	45	15	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	8	32	2	1	0	-	8				
EL FASHER	00	8	02	2	1	0	-					
GENEINA												
MALAKAL	01	8	18	3	1	5	4,1	8	24	79	20	0
WAU												
JUBA												

At 0600 on MONDAY 8th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Maximum Yesterday TxTx	Max. Diff. from norm.	Minimum Today TnTn	Min. Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total from Oct. 1	Norm. from Oct. 1	Area
SIDI BARANI	01	8	18	2	1	5	8	19.8		16.2	24		15		95	15	tr	24		Mediterranean
MATRUH	00	7	26	2	1	1	9,4	20		18			15		88	16	6	5		
EL DABA	21	8	24	1	5	3	8			21.7	24		14		70	16	tr	tr		
ALEXANDRIA	01	9	04	1	2	3	8	19.9	+2.1	23.0	25	-1	20	+2	56	14	tr	5	13	
FOUAD (Airport)	00	8	16	2	0	2	8	19.5		21	25		16		74	16	0	5		
DAMIETTA	01		20	2	1	3	8	19.0	+2.5	19.6	24		14		76	16	0	tr	9	
PORT SA'ID	00	7	32	2	0	2	6	19		22	25		19		61	14	0	0		
EL 'ARISH	01	9	16	3	1	3	8	18.6	+2.1	18.3	25	-1	14	0	79	14	0	tr	7	
DAMANHUR	00	5	24	2	0	0	-	19.8	+2.2	18.0	25	-2	15	0	86	16	0	1	7	Lower Egypt
MANSURA	00	8	04	1	0	0	-	19.9	+3.1	19.5	27	0	15	0	75	15	tr	tr	4	
TANTA	00	8	00	0	0	0	-	19.8	+2.1	16.0	25	-3	12	-2	93	15	0	0	4	
ZAGAZIG	00	6	24	2	0	0	-	19.8	+2.5	20.2	26	-2	15	+1	93	19	0	0	2	
SHIBIN EL KOM	00	7	28	2	0	0	-	20.2	+2.8	16.2	29		14		78	12	0	0		
ISMAILIA	00	6	28	1	0	0	-	19.1		19.4	27		14		69	13	0	0		
FAROUK (Airport)																		0		Cairo Area
ALMAZA	05	6	00	0	0	0	-	19.9	+2.7	19.7	26		13		70	14	0	0		
EZBEKIYA	00	7	30	2	0	0	-	20.0	+2.8	17.9	26	-1	15	0	80	14	tr	tr	2	
GIZA	00	7	30	2	0	0	-	19.5	+2.2	18.3	27	0	12	-1	80	16	0	tr	3	
HELWAN	00	7	32	1	0	0	-	19.9	+2.4	17.8	25	-2	14	-1	74	13	0	tr	1	
FAIYUM	00	8	30	1	0	0	-	20.3	+3.2	17.5	27	-1	14	0	75	13	0	0	0	Upper Egypt
BENI SUEF	00	9	02	1	0	0	-	19.4		18.9	27		13		78	15	0	0		
MINYA	00	7	01	3	0	0	-	19		18	27		15		83	13	0	tr		
ASYUT	00	7	20	1	0	0	-	18.8	+2.1	17.3	26	-2	15	+1	76	15	0	0	0	
NAG HAMMADI	00	8	28	1	0	0	-	16.6	+0.8	21.4	29		15		70	15	0	0		
QENA	01	7	24	2	2	5	3	17.0	+1.6	20.0	33	+1	17	+2	70	14	0	tr		
LUXOR	01	8	12	1	1	5	3	15		22	32		18		65	15	0	tr		
ASWAN	00	9	32	2	0	0	-	15.9	+0.9	21.4	33	0	19	+1	57	12	0	tr		
SIWA	00	7	00	0	0	0	-	21.4	+2.8	16.5	27	-2	11	0	57	07	0	0	0	Oases
BAHARIYA	00	8	32	1	0	0	-	20.4	+2.5	17.0	26	-2	11	-2	80	13	0	0	0	
FARAFRA	00	8	00	0	0	0	-	20.0		17.4	29		13		65	10	0	tr		
DAKHLA	00	8	00	0	0	0	-	19.1	+1.9	18.4	28	-2	16	+2	53	08	0	tr		
KHARGA	00	7	32	3	0	0	-	18.3	+2.1	20.7	29	-1	17	+2	66	14	0	0		
SUEZ	00	5	00	0	0	0	-	18.2	+1.8	17.1	26	-2	16	-2	83	14	0	tr	3	Red Sea
TOR	00	9	04	1	0	0	-	15.8	+0.5	23.3			15	-1	50	12	0	0	1	
HURGHADA	01	9	27	4	0	5	8,4	16		22	25		17		61	14	0	0	0	
QUSEIR	01	8	30	5	2	5	4	15.1	+0.2	24.0	27	-1	23	+2	67	18	0	0	1	
PORT SUDAN											43						0	18	23	
WADI HALFA																	0	0		Northern Sudan
KAREIMA																	0	0	1	
ATBARA																	0	tr	2	
KHARTUM																	0	3	4	
KASSALA											37						0	2	8	
WAD MEDANI																	0	11	11	Central Sudan
RENK																	0	0	45	
ROSEIRES																	0	0	32	
EL OBEID																	0	0	16	
EL FASHER											36						0	0	6	
GENEINA																	0		4	
MALAKAL											35						0	75	80	Southern Sudan
WAU																	0	218	134	
JUBA																	0	126	107	

HUMIDITY

Mean ... 7th, Diff. from normal

Station	7th	Diff. from normal
Alexandria	60	-7
Ezbekiya	71	+3
Giza	71	+1
Helwan	73	+17

GIZA
Grass Minimum Temp.
8th 8.8

Remarks

UPPER AIR OBSERVATIONS on 7th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT (no entries)

FAROUK AIRPORT — RAWINSONDE, on 8th at 5

Pressure	Height feet	Temp. °C	Humidity %	Wind DD	Wind VV
Surface	1811				
1000		14	84	360	00
950	530	15	85	360	00
900					
850	3460	12	75	20	13
800	5070	9	45	10	10
700	6680	8	35	20	8
600	10260	4	-	350	12
500	14300	-3	35	320	8
400	18940	-14	-	320	15
300					
250	31040	-40	-	360	26
200					
150	39790	-55	-	30	32
100	43950	-66	-		

Height m	Fouad Air 15 DD	Fouad Air 15 VV	Port Said 14 DD	Port Said 14 VV	Minya 15 DD	Minya 15 VV	Baharia 14 DD	Baharia 14 VV
200	320	11	350	17	360	23	350	25
500	320	12	350	13	10	21	360	28
1000	320	15	340	15	360	21	360	25
1500	310	17	320	12	360	35	360	30
2000	330	11			Ent Cu		360	23
3000	350	20					360	16
4000–8000								

Height m	Matruh 14 DD	Matruh 14 VV	Almaza 14 DD	Almaza 14 VV
200	320	15	340	15
500	320	16	340	19
1000	320	20	340	10
1500	340	12	330	9
2000	340	12		
3000–8000				

UPPER AIR OBSERVATIONS on 8th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		Farouk Airport		Almaza		Helwan		Minya		Asyut A.P.		Luxor		Aswan		[illegible]	
Time	5		4 30		2 45		3 30		4				7 15		3		9 45		5 45		5		5	
Height m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	310	7	310	8	360	9	310	7	10	6			360	10	360	31	360	18	330	7	10	8	120	4
500	320	9	330	8	350	10	360	8	30	10			30	9	360	52	20	16	10	9	20	27	60	4
1000	320	10	330	9	360	10	20	8	30	20			40	10	20	42	360	16	350	4	30	17	360	10
1500	340	16	330	11	360	7	80	5	10	9			40	10	10	40	20	16	210	7	280	8	340	16
2000	330	18	340	10	350	5			20	7			50	6			20	15	230	10	300	3	360	16
3000	30	13	20	16					350	10			360	8					180	2				
4000	350	11	360	14																				
5000																								
6000									260	13														
7000									340	10														
8000																								

Station	Bahariya		Dakhla		Kharga		Hurghada	
Time	5		5		5 30		8	
Height m	DD	VV	DD	VV	DD	VV	DD	VV
200	20	10	30	7	10	15	320	18
500	40	18	30	14	10	38	320	16
1000	40	24	20	23			300	11
1500	10	20	10	30			280	8
2000	10	45	360	20			340	26
3000	360	26						
4000	360	12						

Other stations printed in this block without entries: Wadi Halfa, Abu Hamad, Kareima, Khartum, Kassala, El Obeid, El Fasher, Malakal.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at
50 metres 0
200 " 1
500 " 2
1 kilometre 3
[illegible] 4
[illegible] 5
[illegible] 6
20 " 7
50 " 8
Visible over 50 kms. 9

CLOUD FORM (C)

[illegible]

WIND FORCE (F)

[illegible]
Moderate ... 4
Fresh ... 5
Strong ... 6
Very strong ... 7
Gale ... 8
Strong gale ... 9
Whole gale ... 10
Storm ... 11
Hurricane ... 12

WIND DIRECTION (DD)

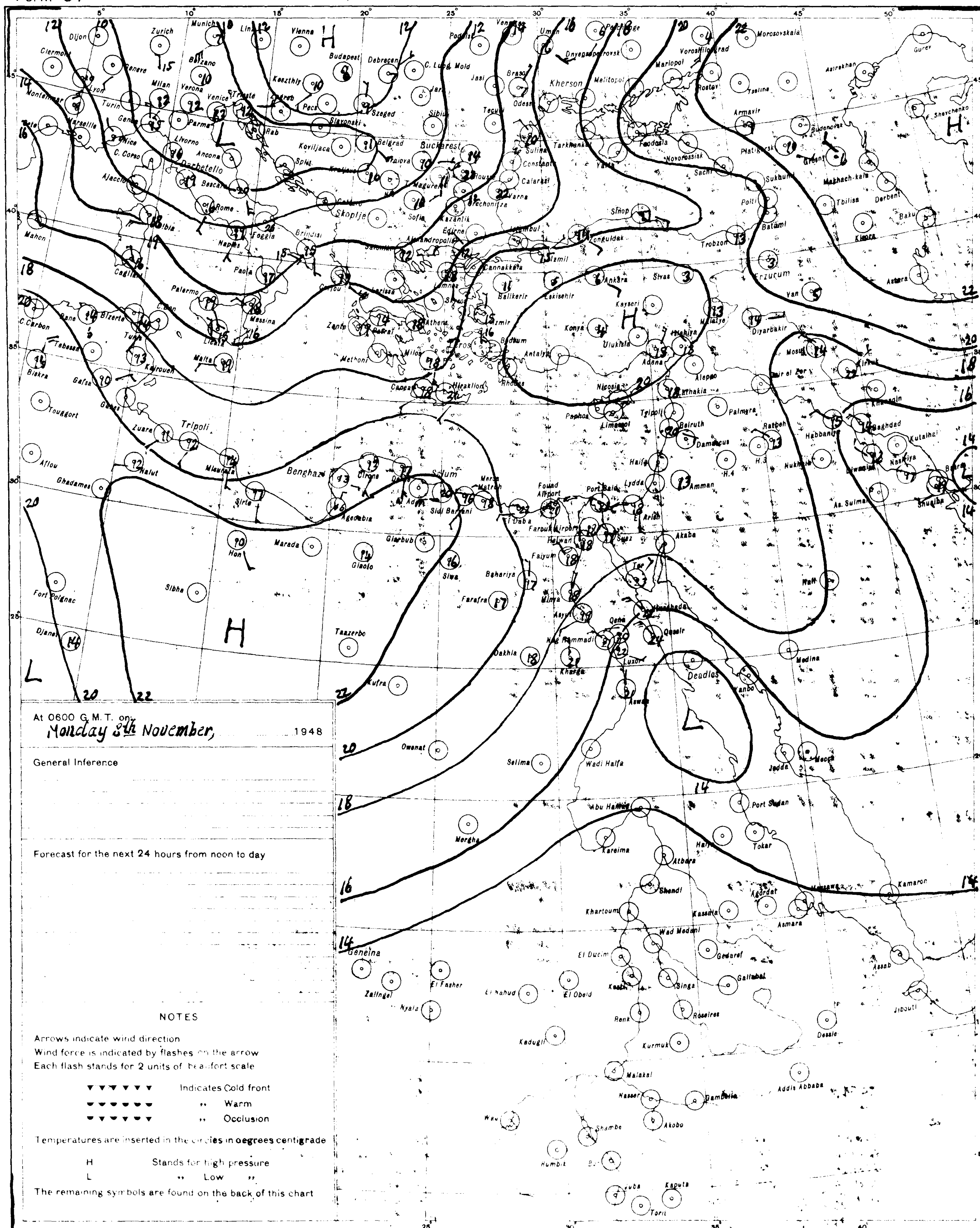
Scale 01-32 e.g.
08 = East 16 = South
24 = West 32 = North
00 is Calm

Printed by the Survey of Egypt 1948 (48/195)

N... A... G.M.T.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on *Monday 8th November,* 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼ Indicates Cold front
▼▼▼▼▼▼ ,, Warm
▼▼▼▼▼▼ ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

3 c/L 1948(48/951)

SCALE 1:15,000,000

OAIRO
Time of Sunrise 04 15 G.M.T.
" " Sunset 15 03 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: TUESDAY 9th NOVEMBER, 1948.

At 1200 on MONDAY 8th

Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
146	SIDI BARANI	02	8	30	2	1	8	8	19.0	23.2	75	18	0
160	MATRUH	01	8	03	3	2	3	8,4	18	24	61	16	0
134	EL DABA	00	9	04	1	0	0	-		21.8	70	16	0
132	ALEXANDRIA	01	9	04	2	2	3	8	18.7	22.0	66	15	0
150	FOUAD (Airport)	00	8	28	2	0	2	8	18	24	54	14	0
159	DAMIETTA	01	8	30	2	1	3	8	17.5	23.2	61	15	0
161	PORT SAID	01	8	32	3	0	3	8	18	24	61	16	0
135	EL ARISH	00	9	32	3	0	0	-	17.0	23.7	67	18	0
136	DAMANHUR	01	7	04	2	1	5	8	18.7	25.2	52	14	0
137	MANSURA	01	8	04	2	1	5	8	17.6	26.4	46	13	0
138	TANTA	01	8	00	0	1	3	8	18.2	25.0	47	13	0
139	ZAGAZIG	01	6	24	4	0	5	4	18.8	25.0	54	15	0
	SHIBIN EL KOM	00	8	02	3	0	6	8	19.2	26.3	46	18	0
	ISMAILIA	01	7	02	1	1	5	6	16.8	25.2	50	14	0
928	FAROUK (Airport)												
141	ALMAZA	01	8	04	2	1	3	8	16.7	25.1	39	11	0
	EZBEKIYA	00	8	26	2	0	6	8	17.1	25.3	47	13	0
	GIZA	00	8	26	2	0	6	8	17.2	25.0	45	12	0
143	HELWAN	00	8	30	4	0	0	-	16.2	24.8	35	09	0
153	FAIYUM	00	8	30	2	0	0	-	16.8	25.5	35	07	0
	BENI SUEF	00	9	02	1	0	0	-	16.3	26.2	45	13	0
162	MINYA	00	8	32	4	0	0	-	16	26	40	11	0
155	ASYUT	00	8	22	1	0	0	-	15.4	26.0	36	10	0
164	NAG HAMMADI	00	8	24	1	0	0	-	13.5	28.6	52	18	0
156	QENA	01	8	24	2	1	3	1	13.0	27.4	47	15	0
157	LUXOR	01	8	30	1	0	3	4	13	29	33	11	0
158	ASWAN	01	9	32	2	1	3	1	11.9	30.0	36	13	0
148	SIWA	00	8	00	0	0	0	-	19.6	27.5	54	18	0
149	BAHARIYA	01	8	32	1	1	3	4	17.6	24.0	46	12	0
	FARAFRA	00	7	32	1	0	0	-	18.6	25.7	31	07	0
152	DAKHLA	00	9	28	4	0	0	-	16.8	26.4	32	08	0
151	KHARGA	00	8	02	3	0	0	-	15.9	26.5	32	08	0
144	SUEZ	01	7	32	2	1	5	8	15.4	25.1	48	13	0
145	TOR	00	9	28	2	0	0	-	14.2	25.0	66	18	0
	HURGHADA	00	9	32	3	1	2	4	14	24	69	18	0
	QUSEIR	02	8	02	4	2	8	4	14.6	26.3	61	18	0
	PORT SUDAN	01	8	08	4	1	5	8,4	11	31	62	23	0
	WADI HALFA												
	KAREIMA	02	8	02	2	1	10	2	7	35	22	10	0
	ATBARA												
	KHARTOUM	01	8	02	2	0	3	1	5	37	19	10	0
	KASSALA												
	WAD MEDANI	01	8	04	1	0	3	4	4	37	24	13	0
	[illegible]												
	[illegible]												
	[illegible]												
	EL FASHER	01	8	06	3	1	7	2		33	26	11	0
	GENEINA	01	8	02	3	1	5	1		31	16	02	0
	MALAKAL	02	8	00	0	1	8	8,4	5	33	47	20	0
	WAU	01	8	00	0	1	5	8,1	4	35	35	17	0
	JUBA	01	8	12	1	1	5	8	4	35	35	17	0

At 1800 on 8th

Station	ww	V	DD	F	W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARANI	02	6	30	2	2	10	4	19.6	22.0	69	16	0
MATRUH	00	7	00	0	0	6	6	20	18	88	16	0
EL DABA	00	8	00	0	0	0	-		20.3	73	15	0
ALEXANDRIA	01	6	04	1	2	5	4	19.1	21.6	65	14	0
FOUAD (Airport)	00	7	06	1	0	0	-	19	18	83	15	0
DAMIETTA	01		30	3	1	7	5	18.3	21.0	77	17	0
PORT SAID	01	7	04	4	0	3	6	18	23	69	17	0
EL ARISH	00	9	32	3	0	1	8	17.2	22.6	69	17	0
DAMANHUR	00	6	04	2	1	0	-	19.5	19.4	77	15	0
MANSURA	00	6	32	2	1	0	-	19.4	19.2	81	16	0
TANTA	00	8	04	1	1	2	8	18.6	17.6	84	15	0
ZAGAZIG												
SHIBIN EL KOM	00	7	02	2	0	0	-	18.4	21.3	71	15	0
ISMAILIA	00	7	32	1	0	0	-	18.0	20.4	76	16	0
FAROUK (Airport)												
ALMAZA	01	7	02	3	0	5	8	18.2	21.0	57	12	0
EZBEKIYA	01	7	32	1	1	5	8	18.8	19.4	75	14	0
GIZA	01	7	32	1	1	5	8	18.4	21.0	75	16	0
HELWAN	00	7	02	4	0	0	-	18.2	21.0	65	14	0
FAIYUM	00	8	32	1	0	0	-	17.5	20.4	61	12	0
BENI SUEF	00	9	02	1	0	0	-	17.5	21.2	62	13	0
MINYA	00	7	32	2	0	0	-	17	18	60	10	0
ASYUT	00	6	20	1	0	0	-	17.4	19.3	52	09	0
NAG HAMMADI	00	8	00	0	0	0	-	15.0	20.7	67	14	0
QENA												
LUXOR	00	7	24	1	0	0	-	14	22	47	10	0
ASWAN	00	9	32	1	0	0	-	13.4	27.4	36	11	0
SIWA	00	6	00	0	0	0	-	19.6	21.0	46	9	0
BAHARIYA	01	7	00	0	1	5	4	19.0	20.0	55	11	0
FARAFRA	00	6	32	2	0	0	-	18.6	18.4	48	07	0
DAKHLA	00	8	28	2	0	0	-	16.7	22.0	40	08	0
KHARGA	00	7	32	1	0	0	-	15.8	21.9	56	13	0
SUEZ	00		00	0	0	0	-	17.0	21.-	65	14	0
TOR	00	9	00	0	0	0	-	15.1	25.0	76	20	0
HURGHADA	00	8	30	3	0	0	-	15	24	61	16	0
QUSEIR	00	8	30	3	0	1	3	14.6	24.0	62	16	0
PORT SUDAN	02	8	08	3	1	10	6,2	16	28	74	23	0
ATBARA	00	7	00	0	1	0	-	9	28	45	15	0
KHARTOUM	00	8	32	2	1	0	-	8	31	29	11	0
KASSALA	00	8	04	1	0	0	-	7	36	55	16	0
EL FASHER	01	8	02	3	1	3	1		22	41	08	0
GENEINA	02	8	02	4	1	9	2		27	22	03	0
MALAKAL	00	8	00	0	1	2	4	8	26	70	20	0
WAU	00	8	00	0	1	0	-	7	27	70	21	0
JUBA	00	8	18	1	0	2	1	8	24	74	19	0

At 0600 on TUESDAY 9th

Station	ww	V	DD	F	W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Maximum Yesterday TxTx	Diff. from norm.	Minimum Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1
SIDI BARANI	00	9	18	2	0	1	8	20.0		17.4	25		15		94	16	0	24	
MATRUH	00	8	21	2	1	2	6,4	20		18	25		13		88	16	0	5	
EL DABA	00	8	00	0	0	0	-			20.8	27		12		68	15	0	tr	
ALEXANDRIA	01	9	04	1	2	5	8	20.8	+2.9	23.2	26	0	19	+1	62	15	0	5	14
FOUAD (Airport)	00	8	06	1	0	1	8	20.8		21	25		14		74	16	0	5	
DAMIETTA	00	7	32	2	0	1	8	20.8	+4.3	22.2	25		17		63	15	0	tr	10
PORT SAID	01	7	03	4	1	3	8	20		23	25		22		74	18	0	0	
EL ARISH	00	9	16	2	0	1	8	19.1	+2.5	20.8	27	+1	14	0	77	17	0	tr	7
DAMANHUR	01	6	04	2	1	3	8	20.3	+2.6	19.2	26	-1	15	0	87	17	0	6	7
MANSURA	01	7	32	1	1	5	8	20.4	+3.6	20.5	27	0	17	+2	82	16	0	tr	4
TANTA	01	8	32	1	1	3	8	20.2	+2.5	18.8	27	0	14	+1	83	16	0	0	4
ZAGAZIG	01	6	32	3	0	5	4	20.6	+3.3	19.9	28	0	14	+1	77	16	0	0	3
SHIBIN EL KOM	00	7	02	2	0	6	8	20.3	+2.9	17.8	28		14		83	15	0	0	
ISMAILIA	00	5	00	0	0	0	-	19.8		20.9	26		15		74	16	0	0	
FAROUK (Airport)																	0	0	
ALMAZA	01	7	04	1	0	5	6	19.7	+2.5	18.0	26		15		80	15	0	0	
EZBEKIYA	01	7	30	1	1	3	8	20.4	+3.2	18.1	26	-1	16	+1	85	15	0	tr	2
GIZA	01	7	30	1	1	3	8	20.0	+2.6	17.7	26	-1	13	0	85	16	0	tr	3
HELWAN	09	5	00	0	0	1	8	19.8	+2.2	18.7	25	-1	15	0	82	16	0	tr	1
FAIYUM	00	8	32	2	0	0	-	19.8	+2.7	18.3	26	-2	16	+2	82	14	0	0	0
BENI SUEF	00	7	06	1	0	0	-	19.1		18.9	26		14		83	16	0	0	
MINYA	00	7	32	3	0	2	6	19		18	26		14		83	15	0	tr	
ASYUT	00	7	22	1	0	0	-	18.8	+2.0	18.0	27	-1	13	-1	74	13	0	0	0
NAG HAMMADI	00	8	00	0	0	0	-	17.4	+1.5	19.0	29		13		72	14	0	0	
QENA	00	7	24	2	0	0	-	17.2	+1.7	18.4	30	-2	15	0	73	13	0	tr	
LUXOR	00	8	00	0	0	0	-	17		22	29		14		41	08	0	tr	
ASWAN	00	9	04	1	0	0	-	16.4	+1.3	20.3	32	0	18	0	66	13	0	tr	
SIWA	00	7	04	2	0	0	-	20.7	+2.1	19.5	28	0	11	0	51	10	0	0	0
BAHARIYA	00	8	32	1	0	0	-	20.0	+2.1	18.0	25	-2	11	-2	71	13	0	0	1
FARAFRA	00	8	00	0	0	0	-	20.7		17.9	26		12		58	10	0	tr	
DAKHLA	00	8	28	2	0	0	-	19.4	+2.2	17.3	27	-3	13	-1	55	08	0	tr	
KHARGA	00	8	00	0	0	0	-	18.8	+2.5	18.0	27	-3	15	+1	63	11	0	0	
SUEZ	00	7	00	0	0	2	7	18.2	+1.7	19.2	26	-2	17	+1	82	16	0	tr	3
TOR	00	9	04	1	0	0	-	17.2	+1.9	18.0	28	+1	17	+2			0	0	1
HURGHADA	00	7	26	1	0	6	8	17		22	25		16		61	14	0	0	1
QUSEIR	00	8	30	3	0	0	-	16.6	+1.6	25.0	27	-1	20	-1	54	15	0	0	1
PORT SUDAN																	0	18	25
WADI HALFA																	0	0	
KAREIMA																	0	0	1
ATBARA																	0	tr	2
KHARTOUM																	0	3	4
KASSALA																	0	2	8
WAD MEDANI																	0	11	11
[illegible]																	0	0	45
[illegible]																	0	0	32
[illegible]																	0	0	16
EL FASHER																	0	0	6
GENEINA																	0		4
MALAKAL																	0	75	80
WAU																	0	218	135
JUBA																	0	126	108

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squalls	14
Slight Thunderstorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mist, Fog in past hour	41
Thick	42
Fog patches	49
Drizzle	50-59
Rain	60-69

Upper air — 8th

8th
57 -10
70 +2
71 +1
65 +9

9th 9.6

9th 3

1001	15	95	360	00
540	16	90	360	00
3470	12	45	50	20
5040	10	55	60	20
6690	10	25	50	12
10300	4	-	30	6
14350	-3	-	310	9
19000	-33	-	300	11
31120	-39	-	300	34
39890	-57	-	310	36

8th

BAHARIA 14		FOUAD A.P. 16		PORT SAID 14	
10	16	10	9	360	14
360	12	10	10	360	16
360	19	360	13	20	16
10	17	360	21	50	16
20	18	360	26	50	9
				80	4
				70	9

MINYA 15	
360	26
360	25
10	31
20	14
20	16
360	3

9th

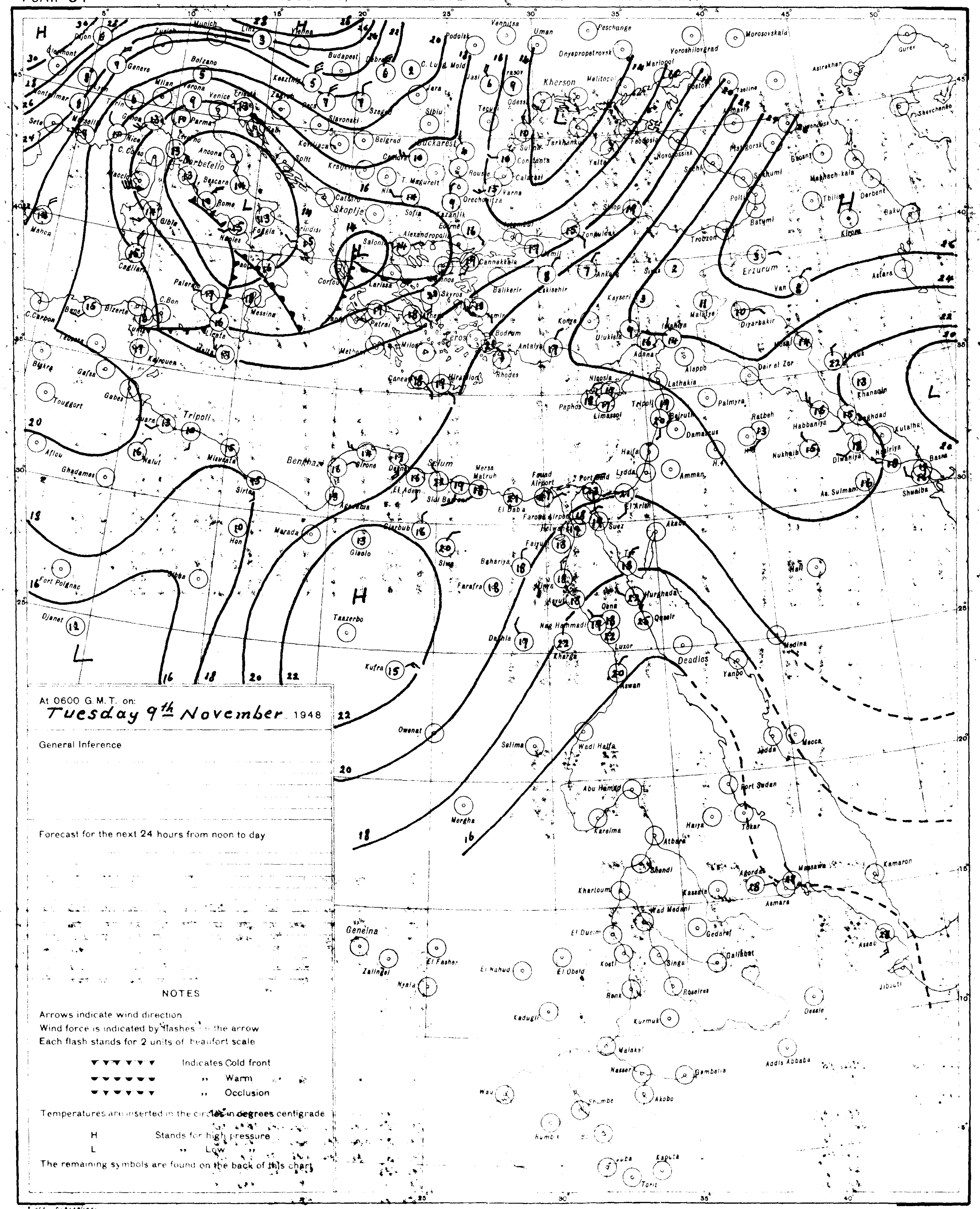
5		4	30	7		4		3		15	30	7	15	3		6		5		5	
150	3	160	3	40	5	20	23	20	9	360	16	360	10	20	28	20	8	10	8	90	14
120	3	90	4	40	4	20	21	50	17	20	15	30	9	20	27	40	8	30	8	100	7
20	3	40	4	90	3	40	17	50	17	20	15	40	11	10	29	110	5	80	14	80	3
340	11	90	9	70	9			50	17	70	14	40	10	30	15	150	6	80	14	20	19
320	15			40	6			50	10	10	6	50	6	40	11	160	6	50	8	30	9
120	2			10	7			30	5	20	2	360	8							80	8
360	4																				
350	10																				
360	3							310	11												

5		5		5	30	8	
50	10	10	8	10	13	340	22
70	17	20	12	30	16	330	23
50	19	20	16	40	16	320	23
10	23	20	10	40	9	330	29
10	25			100	5	90	15
80	11			90	1	170	10
50	10			120	3		
20	5			110	3		
				90	8		
				90	2		

32 South
West 32 North
Calm

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
Tuesday 9th November 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of Beaufort scale

▼▼▼▼▼▼	Indicates Cold front
▼▼▼▼▼▼	,, Warm
▼▼▼▼▼▼	,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H	Stands for high pressure
L	,, Low ,,

The remaining symbols are found on the back of this chart

S c/t 9+8(48/195)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 16 G.M.T.

" " Sunset 15 02 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: WEDNESDAY 10th NOVEMBER, 1948.

At 1200 on TUESDAY 9th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARANI	01	9	02	2	0	5	6	19.6	23.4	67	17	0
	160	MATRUH	00	8	05	3	0	2	8	20	24	57	15	0
	134	EL DABA	01	9	04	2	1	5	8		24.0	57	15	0
	132	ALEXANDRIA	01	9	04	2	2	3	4	19.1	22.4	66	15	0
	150	FOUAD (Airport)	00	8	02	2	0	1	8	19.3	25	58	16	0
	159	DAMIETTA	01	8	02	3	1	3	8	18.0	23.8	64	17	0
	161	PORT SAID	01	8	03	4	0	5	8	18	25	61	17	0
	135	EL ARISH	00	9	32	3	0	0	-	17.2	25.2	63	17	0
Lower Egypt	136	DAMANHUR	01	7	04	3	1	5	8	19.5	24.3	58	15	0
	137	MANSURA	01	8	02	2	1	5	8	18.6	26.0	55	16	0
	138	TANTA	01	8	32	4	1	5	8	18.6	25.0	61	17	0
	139	ZAGAZIG	01	6	32	4	0	5	8	18.2	25.0	56	16	0
		SHIBIN EL KOM	01	8	02	3	1	3	8	17.1	27.4	47	15	0
		ISMAILIA	01	7	02	1	1	5	6	17.4	26.7	46	14	0
Cairo Area	928	FAROUK (Airport)												
	141	ALMAZA	01	8	05	4	1	5	8	16.9	26.8	37	11	0
		EZBEKIYA	01	8	04	2	1	5	8	17.2	27.0	48	15	0
		GIZA	01	8	04	2	1	5	8	17.2	26.8	40	12	0
	143	HELWAN	00	8	04	4	0	2	8	16.8	26.4	39	11	0
Upper Egypt	153	FAIYUM	01	8			0	3	8	16.7	27.5	39	13	0
		BENI SUEF	00	9	02	1	0	0	-	15.8	28.3	44	15	0
	162	MINYA	00	8	01	3	0	0	-	16	27	40	12	0
	155	ASYUT	00	8	20	1	0	0	-	16.0	28.0	39	13	0
	164	NAG HAMMADI	00	8	00	0	0	0	-	15.4	28.2	50	16	0
	156	QENA	00	8	24	2	0	0	-	14.0	27.3	49	15	0
	157	LUXOR	00	8	32	1	0	2	2	13	29	40	14	0
	158	ASWAN	00	9	32	1	0	0	-	12.7	31.0	32	12	0
Oases	148	SIWA	00	6	12	2	0	0	-	19.8	27.3	49	15	0
	149	BAHARIYA	00	8	32	2	0	0	-	17.8	25.3	42	11	0
		FARAFRA	00	7	32	1	0	0	-	18.3	25.8	23	03	0
	152	DAKHLA	00	9	32	2	0	0	-	15.6	26.3	31	07	0
	151	KHARGA	00	9	32	1	0	0	-	14.6	27.8	29	08	0
Red Sea	144	SUEZ	00	7	32	2	0	2	8	15.6	27.1	45	14	0
	145	TOR	00	9	28	2	0	0	-	14.9	24.2	54	14	0
	163	HURGHADA	00	9	30	2	0	0	-	15	25	74	20	0
	147	QUSEIR	00	8	02	3	0	0	-	15.0	26.7	65	20	0
	208	PORT SUDAN	02	8	10	3	1	8	8,2	12	31	62	23	0
Sudan	165	WADI HALFA												
	166	KAREIMA	00	8	06	3	0	0	-					
	167	ATBARA	02	8	28	3	1	9	2	6	38	19	11	0
	209	KHARTUM	02	8	04	3	1	8	8,4	6	37	24	13	0
	170	KASSALA	00	8										
	171	WAD MEDANI	01	8	12	2	0	5	8	4	38	16	08	0
	182	RENK	01	9	20	2	1	5	1	5	38	25	15	0
	172	ROSEIRES	00	8	20	1	0	0	-	6	37	33	18	0
	174	EL OBEID	01	8	04	3	1	5	1	4	36	15	06	0
	175	EL FASHER	01	8	04	3	1	3	1		32	21	07	0
	179	GENEINA	02	8	04	3	1	8	2		33	14	02	0
	176	MALAKAL	01	8	26	1	1	7	8,1	5			21	0
	177	WAU	02	8	32	1	1	9	8,2	4	36	27	14	0
	178	JUBA	02	8	08	2	1	8	8,2	5	34	32	15	0

At 1800 on 9th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARANI	00	8	06	2	0	0	-	19.9	20.6	81	18	0
MATRUH	00	7	11	1	0	0	-	20	18	83	15	0
EL DABA	01	8	04	2	1	5	8		20.8	69	15	0
ALEXANDRIA	00	6	02	3	0	0	-	19.8	21.2	63	14	0
FOUAD (Airport)	00	8	04	2	0	0	-	19.7	19	83	16	0
DAMIETTA	00	7	32	3	0	1	8	19.1	21.2	74	16	0
PORT SAID	01	7	04	4	0	3	6	19	23	69	17	0
EL ARISH	00	7	32	3	0	0	-	17.2	23.4	69	17	0
DAMANHUR	00	5	04	3	0	0	-	19.9	18.8	78	15	0
MANSURA	00	6	32	2	1	0	-	19.6	20.0	81	17	0
TANTA	01	8	28	1	1	5	8	19.8	18.5	85	15	0
ZAGAZIG	00	6	32	2	0	0	-	18.6	20.1	84	17	0
SHIBIN EL KOM	00	7	04	2	0	0	-	17.5	21.6	67	16	0
ISMAILIA	00	7	32	1	0	0	-	18.2	20.5	76	16	0
FAROUK (Airport)												
ALMAZA	00	7	04	4	0	0	-	19.7	21.0	74	10	0
EZBEKIYA	00	7	06	2	0	0	-	18.7	20.9	74	16	0
GIZA	00	7	06	2	0	0	-	18.7	21.4	67	15	0
HELWAN	00	7	02	6	0	0	-	17.9	21.0	73	16	0
FAIYUM	00	8	02	2	0	0	-	17.1	22.6	61	15	0
BENI SUEF	00	9	02	1	0	0	-	17.0	20.9	69	15	0
MINYA	00	7	00	0	0	2		17	18	78	14	0
ASYUT	00	6	20	1	0	0	-	17.0	20.0	64	13	0
NAG HAMMADI	00	8	00	0	0	0	-	15.0	21.4	65	14	0
QENA	01	6	24	2	0	5	1	14.3	23.8	54	14	0
LUXOR	01	7	13	1	1	7	2	14	24	41	10	0
ASWAN	00	9	32	1	0	0	-	13.6	27.5	37	12	0
SIWA	00	6	00	0	0	0	-	18.3	22.5	55	13	0
BAHARIYA	00	7	32	1	0	0	-	18.2	20.5	60	12	0
FARAFRA	00	6	28	2	0	0	-	18.6	18.8	42	06	0
DAKHLA	00	8	28	2	0	0	-	16.1	22.2	48	10	0
KHARGA	00	7	00	0	0	0	-	15.4	22.0	37	07	0
SUEZ	00		00	0	0	0	-	17.2	21.6	72	16	0
TOR	00	9	28	1	0	0	-	15.1	21.0	65	14	0
HURGHADA	00	8	26	1	0	0	-	15	24	61	16	0
QUSEIR	01	8	32	2	1	5	2	15.0	24.0	74	19	0
PORT SUDAN	01	8	06	2	1	7	6,1	13	28	74	23	0
WADI HALFA												
KAREIMA	00	8	20	2	0	0	-	10	29	25	07	0
ATBARA	00	8	00	0	1	0	-	9	31	29	11	0
KHARTUM	01	8	32	3	1	5	4,1	8	32	29	12	0
KASSALA	01	8	04	3	1	3	8	7	29	35	12	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	01	8	22	2	1	5	2	7	31	21	06	0
EL FASHER	02	8	06	2	1	9	4				11	0
GENEINA	01	8	02	3	1	3	4		27	20	02	0
MALAKAL												
WAU												
JUBA												

At 0600 on WEDNESDAY 10th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Maximum Yesterday TxTx	Max. Diff. from norm.	Minimum Today TnTn	Min. Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Rainfall Total From Oct. 1	Rainfall Norm. From Oct. 1	Area
SIDI BARANI	00	9	14	2	0	1	8	19.9		17.0	24		13		85	14	0	24		Mediterranean
MATRUH	01	8	00	0	0	3	8	20		18	26		11		73	13	0	5		
EL DABA	01	7	16	1	1	5	8			16.3	26		15		78	12	0	dr		
ALEXANDRIA	01	9	04	2	1	5	4	19.4	+1.5	23.0	25	-1	19	+1	66	16	0	5	15	
FOUAD (Airport)	01	7	02	1	0	5	6	18.7		22	25		16		78	18	0	3		
DAMIETTA	01	7	02	3	1	7	8	17.8	+1.2	22.2	24		17		83	19	0	dr	10	
PORT SAID	01	7	03	2	0	5	6	18		24	26		22		79	20	0	0		
EL ARISH	02	9	14	2	2	8	6	17.9	+1.3	19.8	26	0	15	+1	89	18	0	dr	8	
DAMANHUR	01	5	04	2	1	3	8	19.4	+1.7	20.0	26	-1	17	+2	84	17	0	k	8	Lower Egypt
MANSURA	01	7	02	1	1	5	4	18.2	+1.3	19.5	28	+1	18	+3	88	18	0	dr	4	
TANTA	00	8	24	1	1	2	8	19.0	+1.2	18.0	27	0	13	0	90	16	0	0	4	
ZAGAZIG	02	6	32	2	2	8	8	17.5	+0.1	17.4	26	-1	13	0	88	15	0	0	3	
SHIBIN EL KOM	00	7	02	2	0	0	-	18.0	+0.5	16.8	29		14		72	12	0	0		
ISMAILIA	01	5	00	0	1	7	5	17.9		19.5	27		16		85	17	0	0		
FAROUK (Airport)																	0	0		Cairo Area
ALMAZA	01	7	04	2	0	7	6	17.9	+0.6	18.0	28		16		87	16	0	0		
EZBEKIYA	09	5	32	1	4	5	6	18.2	+0.9	19.0	29	+2	16	+1	85	16	0	dr	2	
GIZA	09	5	32	1	4	5	6	18.2	+0.8	17.8	28	+2	15	+2	92	17	0	dr	3	
HELWAN	09	6	02	6	1	3	6,1	17.5	-0.1	20.8	27	+1	19	+4	79	17	0	dr	2	
FAIYUM	01	8	32	2	1	3	6	17.1	-0.1	19.2	28	0	17	+3	87	17	0	0	0	Upper Egypt
BENI SUEF	00	9	30	1	0	0	-	17.1		18.9	28		13		84	16	0	0		
MINYA	08	4	32	2	4	10	6	17		17	28		14		88	15	0	dr		
ASYUT	00	7	20	1	0	0	-	17.5	+0.6	18.8	29	+2			73	14	0	0	0	
NAG HAMMADI	00	8	00	0	0	0	-	16.0	0.0	22.3	30		13		61	14	0	0		
QENA	01	7	26	2	1	3	1	15.0	-0.6	20.3	29	-2	18	+3	72	15	0	dr		
LUXOR	00	7	00	0	1	1	4	15		24	31		15		32	06	0	dr		
ASWAN	00	9	02	1	0	0	-	15.1	-0.1	22.4	33	+1	20	+3	63	15	0	dr		
SIWA	00	7	00	0	0	0	-	20.3	+1.6	16.5	28	0	11	0	65	09	0	0	0	Oases
BAHARIYA	01	7	32	2	1	3	8	18.7	+0.7	18.0	26	-1	15	+3	85	15	0	0	1	
FARAFRA	00	8	28	1	0	0	-	18.7		17.4	26		12		78	13	0	dr		
DAKHLA	00	8	24	2	0	0	-	17.3	+2.7	16.3	27	-3	12	-1	55	07	0	dr		
KHARGA	00	8	00	0	0	0	-	17.4	+1.0	18.0	29	-1	13	-1	56	09	0	0		
SUEZ	02	5	28	2	2	8	6	16.8	+0.3	20.8	28	0	18	+2	83	18	0	dr	3	Red Sea
TOR	02	9	04	2	1	8	1	16.4	+1.0	20.2	26	-1	16	+1	54	10	0	0	1	
HURGHADA	01	9	26	1	1	7	1	16		24	26		17		57	15	0	0	1	
QUSEIR	01	8	28	2	1	5	1	15.8	+0.7	25.8	27	-1	21	0	52	15	0	0	1	
PORT SUDAN																	0	18	26	
WADI HALFA																	0	0		Sudan
KAREIMA																	0	0	1	
ATBARA																	0	dr	2	
KHARTUM																	0	3	4	
KASSALA																	0	2	8	
WAD MEDANI																	0	11	11	
RENK																	0	0	45	
ROSEIRES																	0	0	32	
EL OBEID																	0	0	16	
EL FASHER																	0	0	6	
GENEINA																	0		4	
MALAKAL																	0	75	81	
WAU																	0	218	135	
JUBA																	0	126	109	

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83-84
of Sleet	85-86
of Hail	88-89
Thunderstorm	90-99
ended, now Rain	91
with Hail	94-96
with Duststorm	98
heavy, with Hail	99

PAST WEATHER (W)

VISIBILITY (V)

WIND FORCE (F)

WIND DIRECTION (DD)

... East ... South

... West ... North

00 is Calm

HUMIDITY

Mean ...

Station	9th	Diff. from normal
Alexandria	59	-8
Ezbekiya	72	+4
Giza	70	0
Helwan	73	+17

GIZA

Grass Minimum Temp.

10th 11.7

Remarks

UPPER AIR OBSERVATIONS on 9th

DD Direction of wind in degrees East of North. VV Velocity in knots

ALMAZA — Aeroplane Ascent

FAROUK AIRPORT — Rawinsonde on 10th at 5

Press. mb	Height feet	Temp. °C	Humidity %	Wind DD	Wind VV
Surface 1001		16	78	10	4
1000	510	17	80	10	4
950					
900	3460	20	65	80	16
850	5070	17	45	140	12
800	6740	11	45	160	17
700	10020	6	-	170	15
600	14430	-3	-	150	13
500	19120	-10	-	200	16
400					
300	31300	-41	-	180	33
250					
200	40090	-53	-	210	22
150					
100					

Station	ALMAZA		MATRUH		FOUAD A.P.		PORT SAID	
Time	14		13 45		15		14 15	
Height m	DD	VV	DD	VV	DD	VV	DD	VV
200	20	17	30	13	20	12	20	15
500	30	16	40	9	30	17	20	19
1000	60	17	60	6	360	20	40	10
1500	ENT. Sc.		10	8	20	24	80	8
2000			300	5	40	25	130	9
3000			140	6	360	27	160	7
4000			120	4			180	12
5000							200	8
6000								
7000								
8000								

UPPER AIR OBSERVATIONS on 10th

DD Direction of wind in degrees East of North. VV Velocity in knots

Station	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SAID		FAROUK AIRPORT		ALMAZA		HELWAN		MINYA		ASYUT		[illegible]		ASWAN		[illegible]	
Time	5		4 15				3 30		5		9		7 45		3				5 30				5	
Height m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	110	11	60	10			20	12	30	10	50	9	50	30	360	27			20	11			100	15
500	90	11	60	14			30	16	60	17	70	15	130	7	20	22			90	14			90	10
1000	60	10	60	16			80	11	70	15	100	11	120	5	180	12			70	8			60	10
1500	30	11	50	11					140	10	240	14	130	5	170	11			170	4			50	14
2000			100	5					160	16	20	15	140	10	120	10			210	4			70	11
3000									170	13	20	10			150	21								
4000																							120	6
5000									160	10														
6000									190	17														
7000																								
8000									200	32														

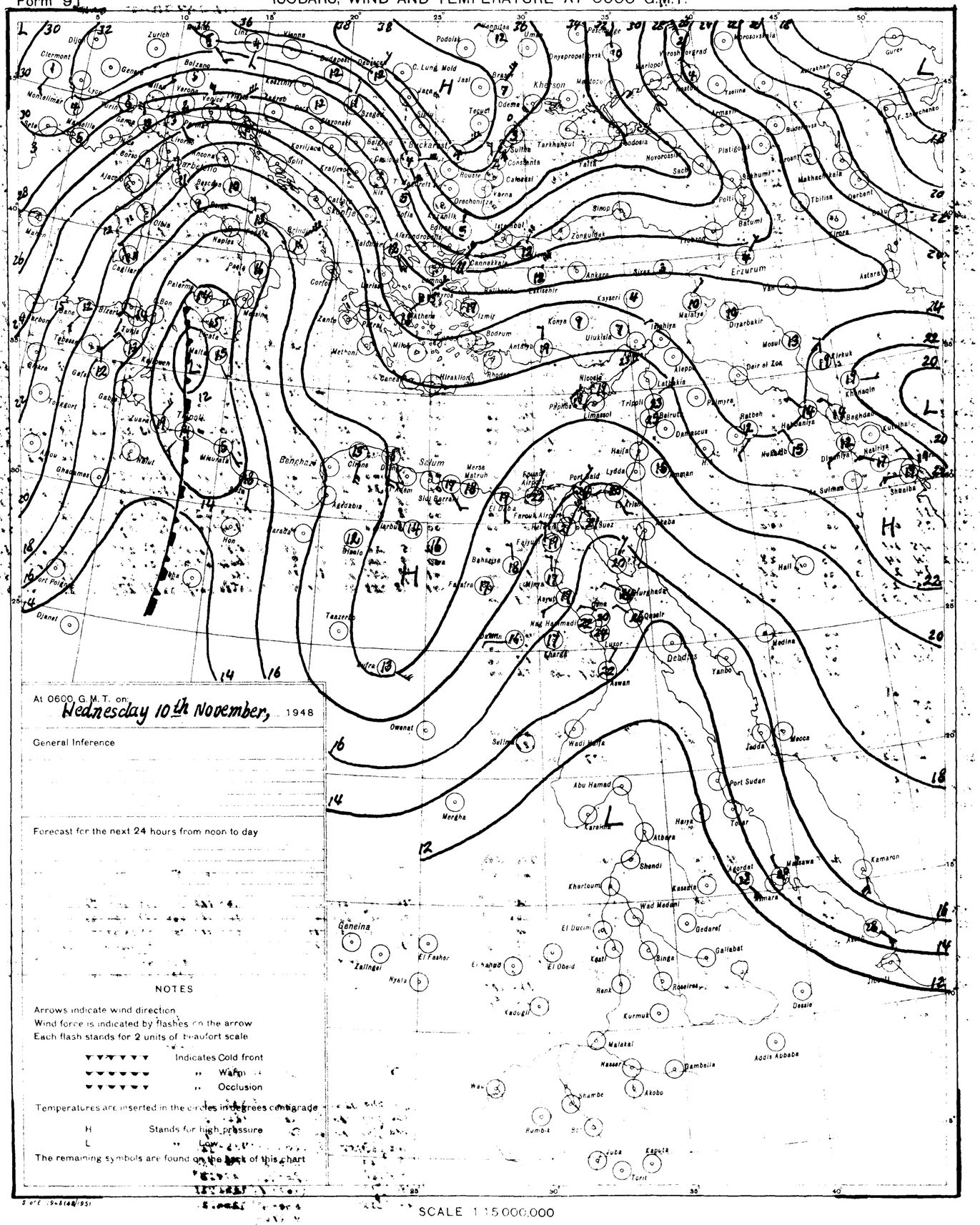
Station	BAHARIYA		DAKHLA		KHARGA		HURGHADA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
Time	5		5		5 30		8																	
Height m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	30	20	340	6	10	9	330	16																
500	50	29	10	8	30	9	160	6																
1000	40	30	10	6	50	5	60	7																
1500	20	18	350	9	150	5	120	20																
2000	50	10			160	6	180	15																
3000	150	16			190	16	160	23																
4000	180	13			200	16	220	23																
5000	150	25			200	15	200	22																
6000					190	25																		
7000					190	27																		
8000																								

... G.M.T.

Printed by the Survey of Egypt

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on Wednesday 10th November, 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of Beaufort scale

Indicates Cold front
" Warm "
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 17 G.M.T.

" " Sunset 15 01 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: THURSDAY 11th NOVEMBER, 1948.

At 1200 on Wednesday 10th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARANI	01	9	06	3	0	3	8	19.1	23.1	68	17	0
	160	MATRUH	10	8	05	3	0	8	6	18	23	65	16	0
	134	EL DABA												0
	132	ALEXANDRIA	01	9	02	3	2	5	8	16.7	24.2	71	18	0
	150	FOUAD (Airport)	01	7	02	3	1	3	8	16.5	25	61	17	0
	159	DAMIETTA	01	8	30	2	1	3	4	15.4	25.2	73	20	0
	161	PORT SAID	01	8	04	2	0	5	8,4	16	26	74	21	0
	135	EL ARISH	02	9	30	3	2	9	6	15.8	24.9	74	20	0
Lower Egypt	136	DAMANHUR	01	7	04	3	1	5	8	16.7	26.2	60	18	0
	137	MANSURA	01	8	32	1	1	5	8	15.9	28.2	57	19	0
	138	TANTA	01	8	32	2	1	3	8	16.4	27.0	60	16	0
	139	ZAGAZIG	00	6	32	2	0	0	-	15.6	27.4	59	18	0
		SHIBIN EL KOM	00	8	02	3	0	0	-	17.1	29.6	39	14	0
		ISMAILIA	00	8	06	1	0	0	-	15.1	28.2	49	16	0
Cairo Area	028	FAROUK (Airport)	00	8	04	3	0	0	-	15	28	54	18	0
	141	ALMAZA	00	7	04	2	1	0	-	14.7	28.6	42	14	0
		EZBEKIYA	00	8	32	1	0	0	-	15.1	28.0	54	18	0
		GIZA	00	8	32	1	0	0	-	15.0	28.0	51	17	0
	143	HELWAN	00	7	32	3	0	0	-	14.4	28.9	39	14	0
Upper Egypt	153	FAIYUM	00	8	32	1	0	0	-	14.2	28.1	48	16	0
		BENI SUEF	00	9	06	1	0	0	—	14.6	29.9	46	17	0
	162	MINYA												0
	155	ASYUT	00	6	22	1	0	0	-	14.7	27.2	42	13	0
	164	NAG HAMMADI	00	8	00	0	0	0	-	13.2	31	47	18	0
	156	QENA	00	8	24	2	1	0	-	12.8	28.6	36	13	0
	157	LUXOR	00	8	30	1	0	0	-	13	30	49	18	0
	158	ASWAN	00	9	26	1	0	0	-	11.5	34.0	40	18	0
Oases	148	SIWA	03	8	28	2	2	10	5	19.6	27.1	61	19	0
	149	BAHARIYA	00	8	32	1	1	0	-	15.8	27.0	43	13	0
		FARAFRA	00	8	02	2	0	0	-	16.4	26.0	42	12	0
	152	DAKHLA	00	9	28	3	0	0	-	16.8	27.0	31	08	0
	151	KHARGA	00	9	32	1	0	0	-	15.8	30.0	25	08	0
Red Sea	144	SUEZ	00	7	00	0	0	0	-	13.8	28.6	40	14	0
	145	TOR	00	9	28	1	0	0	-	14.2	27.0	23	19	0
	163	HURGHADA	00	9	02	1	1	6	1	15	26	79	20	0
	147	QUSEIR												
	208	PORT SUDAN												
Northern Sudan	165	WADI HALFA												
	166	KAREIMA												
	167	ATBARA												
	209	KHARTUM												
	170	KASSALA												
Central Sudan	171	WAD MEDANI												
	182	RENK												
		ROSEIRES												
	174	EL OBEID												
	175	EL FASHER												
	179	GENEINA												
Southern Sudan	176	MALAKAL												
	177	WAU												
	178	JUBA												

At 1800 on 10th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARANI	01	8	24	2	1	5	8	19.4	20.4	77	16	0
MATRUH	01	7	05	2	1	5	6	18	20	72	16	0
EL DABA												0
ALEXANDRIA	01	6	30	2	2	3	4	17.1	22.2	82	19	0
FOUAD (Airport)	00	7	02	1	0	6	6	16.8	22	83	19	0
DAMIETTA	09	7	30	2	4	FOG	0	15.9	20.8	93	20	0
PORT SAID												0
EL ARISH	00	9	02	2	0	0	-	15.8	22.9	80	19	0
DAMANHUR	00	6	04	2	1	0	-	16.8	20.2	87	18	0
MANSURA	00	6	32	1	1	0	-	15.9	22.0	82	19	0
TANTA	00	8	32	1	1	0	-	16.7	20.2	80	16	0
ZAGAZIG	00	6	28	2	0	0	-	15.8	22.8	87	21	0
SHIBIN EL KOM	00	7	02	2	0	0	-	16.0	22.9	66	16	0
ISMAILIA	00	7	02	1	0	0	-	15.5	22.0	80	18	0
FAROUK (Airport)	00	7	04	2	0	0	-	15	23	78	19	0
ALMAZA	00	7	04	2	0	0	-	14.9	23.5	70	18	0
EZBEKIYA	00	7	00	0	0	0	-	15.9	21.8	80	18	0
GIZA	00	7	00	0	0	0	-	15.4	22.1	75	17	0
HELWAN	00	6	32	4	0	0	-	15.1	24	66	17	0
FAIYUM	00	8	32	1	0	0	-	15.0	22.1	73	17	0
BENI SUEF	00	7	00	0	0	0	-	15.2	20.8	77	17	0
MINYA	00	7	00	0	0	0	-	15	19	73	14	0
ASYUT	00	6	20	1	0	0	-	15.9	20.0	69	14	0
NAG HAMMADI	00	8	00	0	0	0	-	13.9	22.0	71	16	0
QENA	00	6	24	2	0	0	-	14.4	22.8	68	17	0
LUXOR	00	7	00	0	0	0	-	13			08	0
ASWAN	00	9	00	0	0	0	-	11.8	30.6	33	13	0
SIWA												0
BAHARIYA	00	7	32	1	0	0	-	16.6	19.5	59	12	0
FARAFRA												0
DAKHLA	00	8	00	0	0	0	-	15.1	22.1	37	07	0
KHARGA	00	7	32	1	0	0	-	14.7	23.0	39	08	0
SUEZ	00		00	0	0	0	-	14.2	23.4	71	17	0
TOR	00	9	28	1	0	0	-	14.2	22.0	82		0
HURGHADA	00	8	00	0	0	0	-	15	25	65	18	0
QUSEIR	00	8	32	2	0	0	-	14.6	24.6	83	22	0
PORT SUDAN	00	8	00	0	1	2	6	10	28	74	23	0
WADI HALFA												
KAREIMA	00	8	04	3	0	0	-	9	32	21	07	0
ATBARA	00	8	00	0	0	2	2	8	29	35	12	0
KHARTUM	00	8	02	2	0	1	2	7	31	24	08	0
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	8	32	2	0	0	-	5	31	21	06	0
EL FASHER	01	8	08	3	1	3	2	7	29	27	08	0
GENEINA	02	8	02	3	1	10	4,2		29	29	09	0
MALAKAL	00	8	16	2	1	0	-	6	29	55	19	0
WAU	01	8	00	0	8	5	2	7	25	84	22	R
JUBA	00	8	00	0	0	0	-	6	23	78	19	0

At 0600 on Thursday 11th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Max. Yesterday TxTx	Diff. from norm.	Min. Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	Station	Area
SIDI BARANI	01	9	20	2	1	3	8	17.8		17.4	24		14		84	14	0	24		SIDI BARANI	Mediterranean
MATRUH	01	7	23	2	0	5	6	17		18	24		15		83	15	0	5		MATRUH	
EL DABA																	0	dr		EL DABA	
ALEXANDRIA	01	9	24	3	2	3	4	16.6	-1.4	22.9	25	-1	21	+4	74	18	0	5	17	ALEXANDRIA	
FOUAD (Airport)	00	8	26	2	0	6	6	16.2		23			18		74	18	0	5		FOUAD (Airport)	
DAMIETTA	04	1	20	2	4	FOG	0	15.6	-1.0	20.2	26		18		96	19	0	dr	11	DAMIETTA	
PORT SAID	05	6	23	2	4	10	6	16		20	28		20		53	10	0	0		PORT SAID	
EL ARISH	00	9	18	2	0	0	-	15.9	-0.8	20.3	27	+1	14	0	61	12	0	dr	8	EL ARISH	
DAMANHUR	41	4	28	1	4	0	-	16.6	-2.2	18.2	27	0	15	+1	96	17	0	6	8	DAMANHUR	Lower Egypt
MANSURA	08	4	04	1	4	0	-	16.3	-0.6	18.8	28	+1	18	+3	97	18	0	dr	5	MANSURA	
TANTA	00	8	00	0	0	0	-	17.2	-0.6	18.0	28	+1	15	+2	90	16	0	0	4	TANTA	
ZAGAZIG	00	6	16	2	0	0	-	16.2	-1.2	18.8	29	+2	17	+4	95	18	0	0	3	ZAGAZIG	
SHIBIN EL KOM	08	5	28	1	4			16.8	-0.7	18.2	30		15		89	16	0	0		SHIBIN EL KOM	
ISMAILIA	40	3	22	1	4	10	5	16.3		18.2	30		17		99	18	0	0		ISMAILIA	
FAROUK (Airport)	05	5	00	0	4	10	6	17		17	29		18		95	19	0	0		FAROUK (Airport)	Cairo Area
ALMAZA	08	4	04	1	4	10	6	16.5	-0.8	19.3	29		18		95	18	0	0		ALMAZA	
EZBEKIYA	09	6	30	2	5	9	6	16.6	-0.7	20.6	29	+2	19	+4	89	19	dr	dr	2	EZBEKIYA	
GIZA	09	6	30	2	5	9	6	17.1	-0.4	20.0	28	+2	18	+5	94	19	dr	dr	4	GIZA	
HELWAN	09	6	30	2	2	10	7	16.6	-1.1	19.3	29	+3	17	+2	95	18	0	dr	2	HELWAN	
FAIYUM	02	8	02	2	2	10	6	17.0	-0.2	19.8	29	+1	18	+4	90	18	0	0	0	FAIYUM	Upper Egypt
BENI SUEF	09	6	02	1	0	FOG	0	16.8		19.4	30		16		91	18	0	0		BENI SUEF	
MINYA	44	4	32	2	4	10	-	17		18	29		12		88	16	0	dr		MINYA	
ASYUT	00	7	22	1	0	0	-	16.2	-0.8	20.0	29	+2	15	+1	55	11	0	0	0	ASYUT	
NAG HAMMADI	00	8	00	0	0	0	-	15.1	-0.7	22.9	31		14		62	15	0	0		NAG HAMMADI	
QENA	00	7	24	2	0	0	-	15.1	-0.6	20.6	31	0	18	+4	65	14	0	dr		QENA	
LUXOR	00	8	02	1	0	0	-	14		22	32		16		57	13	0	dr		LUXOR	
ASWAN	00	9	32	1	0	0	-	14.4	-0.9	22.3	36	+4	20	+3	72	17	0	dr		ASWAN	
SIWA	00	7	00	0	0	0	-	17.6	-1.1	12.8	28	0	10	-1	60	05	0	0	0	SIWA	Oases
BAHARIYA	00	8	32	1	0	0	-	17.6	-0.5	17.2	28	+1	12	0	88	15	0	0	1	BAHARIYA	
FARAFRA																	0	dr		FARAFRA	
DAKHLA	00	8	24	2	0	0	-	17.0	-0.4	17.4	29	0	13	0	56	08	0	dr		DAKHLA	
KHARGA	00	8	00	0	0	0	-	16.0	-0.5	20.3	30	0	15	+1	51	10	0	0		KHARGA	
SUEZ	00		00	0	4	0	-	15.2	-1.3	18.8	30	+3	16	0	95	18	0	dr	3	SUEZ	Red Sea
TOR	00	9	04	1	0	0	-	15.1	-0.3	19.0	28	+1	15	0			0	0	2	TOR	
HURGHADA	00		00	0	0	0	-										0	0	1	HURGHADA	
QUSEIR	00	8	28	2	0	0	-	15.1	-0.1	24.2	28	0	20	0	59	15	0	0	1	QUSEIR	
PORT SUDAN											31						0	18	29	PORT SUDAN	
WADI HALFA																	0	0		WADI HALFA	Northern Sudan
KAREIMA											37						0	0	1	KAREIMA	
ATBARA											38						0	dr	2	ATBARA	
KHARTUM											39						0	3	4	KHARTUM	
KASSALA																	0	2	8	KASSALA	
WAD MEDANI																	0	11	11	WAD MEDANI	Central Sudan
RENK																	0	0	45	RENK	
ROSEIRES																	0	0	33	ROSEIRES	
EL OBEID											38						0	0	16	EL OBEID	
EL FASHER											36						0	0	6	EL FASHER	
GENEINA											35						0		4	GENEINA	
MALAKAL											36						0	75	81	MALAKAL	Southern Sudan
WAU											87						2	220	136	WAU	
JUBA											37						0	126	110	JUBA	

HUMIDITY — Mean of 4 obs.

Station 10th		Diff. from normal
Alexandria	70	+3
Ezbekiya	75	+7
Giza	77	+7
Helwan	67	+11

GIZA — Grass Minimum Temp. on 11th 15.0

Remarks

UPPER AIR OBSERVATIONS on 10th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — Aeroplane Ascent

Height feet	Pressure	Temp. °C	Wet °C
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT — Rawinsonde on 11th at 5

Pressure	Height feet	Temp. °C	Humidity	Wind DD	Wind VV
1018 (Surface)		19	97	320	4
1000	460	18	95	320	4
950					
900	3410	21	35	360	3
850	5020	17	35	270	9
800	6710	12	45	170	16
700	10320	4	45	160	19
600	14680	-7	135	180	38
500	19030	-10	-	230	37
400					
300					
250					
200					
150					
100					

Pilot balloon winds, 10th

Height m	Fouad AP 1430 DD	VV	Port Said 14 15 DD	VV	Minya 15 DD	VV	Almaza 14 DD	VV
200	30	7	50	9	10	4	10	8
500	30	9	60	7	150	4	40	11
1000	70	4	170	4	120	4	70	11
1500	160	12	120	9			130	6
2000	140	12	130	7			210	10
3000	120	7	150	21			140	3
4000	160	16					210	16
5000								
6000								
7000								
8000								

UPPER AIR OBSERVATIONS on 11th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Height m	Sidi Barani 9 DD	VV	Matruh 2 15 DD	VV	Fouad Airport DD	VV	Port Said 9 DD	VV	Farouk Airport 4 DD	VV	Almaza DD	VV	Helwan 7 15 DD	VV	Minya 9 DD	VV	Asyut DD	VV	Luxor 8 15 DD	VV	Aswan DD	VV	[illegible] 5 15 DD	VV
200	310	6	260	6			270	11	330	4			10	16	330	32			360	1			210	3
500	300	3	40	4			260	11	340	5			340	13	330	18			130	5			210	3
1000	350	2	340	6			220	10	350	4			Ent St		330	11			150	9			260	3
1500	330	4	340	8			180	11	250	7					220	4			140	27			260	14
2000	210	3	200	3			200	7	190	13					120	6			170	26			230	10
3000	130	3	150	3			180	15	170	16					170	25							360	10
4000	220	9					200	23															340	8
5000	220	16					190	36	200	35													270	14
6000	230	20							230	33													280	26
7000																							230	35
8000																								

Height m	Bahariya DD	VV	Dakhla DD	VV	Kharga DD	VV	Hurghada 8 DD	VV	Wadi Halfa DD	VV	Abu Hamad DD	VV	Kareima DD	VV	Khartum DD	VV	Kassala DD	VV	El Obeid DD	VV	El Fasher DD	VV	Malakal DD	VV
200							350	2																
500							40	8																
1000							20	5																
1500							70	3																
2000							20	3																
3000							170	4																
4000																								
5000																								
6000																								
7000																								
8000																								

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at

50 metres	0
200 "	1
500 "	[illegible]
1 Kilometre	[illegible]
[illegible]	4
4	5
10	6
20	[illegible]
50	8
[illegible]	[illegible]

CLOUD FORM (C)

[illegible]

WIND FORCE (F)

[illegible]

WIND DIRECTION (DD)

[illegible] 32 [illegible]

[illegible] East [illegible] South

24 West 32 North

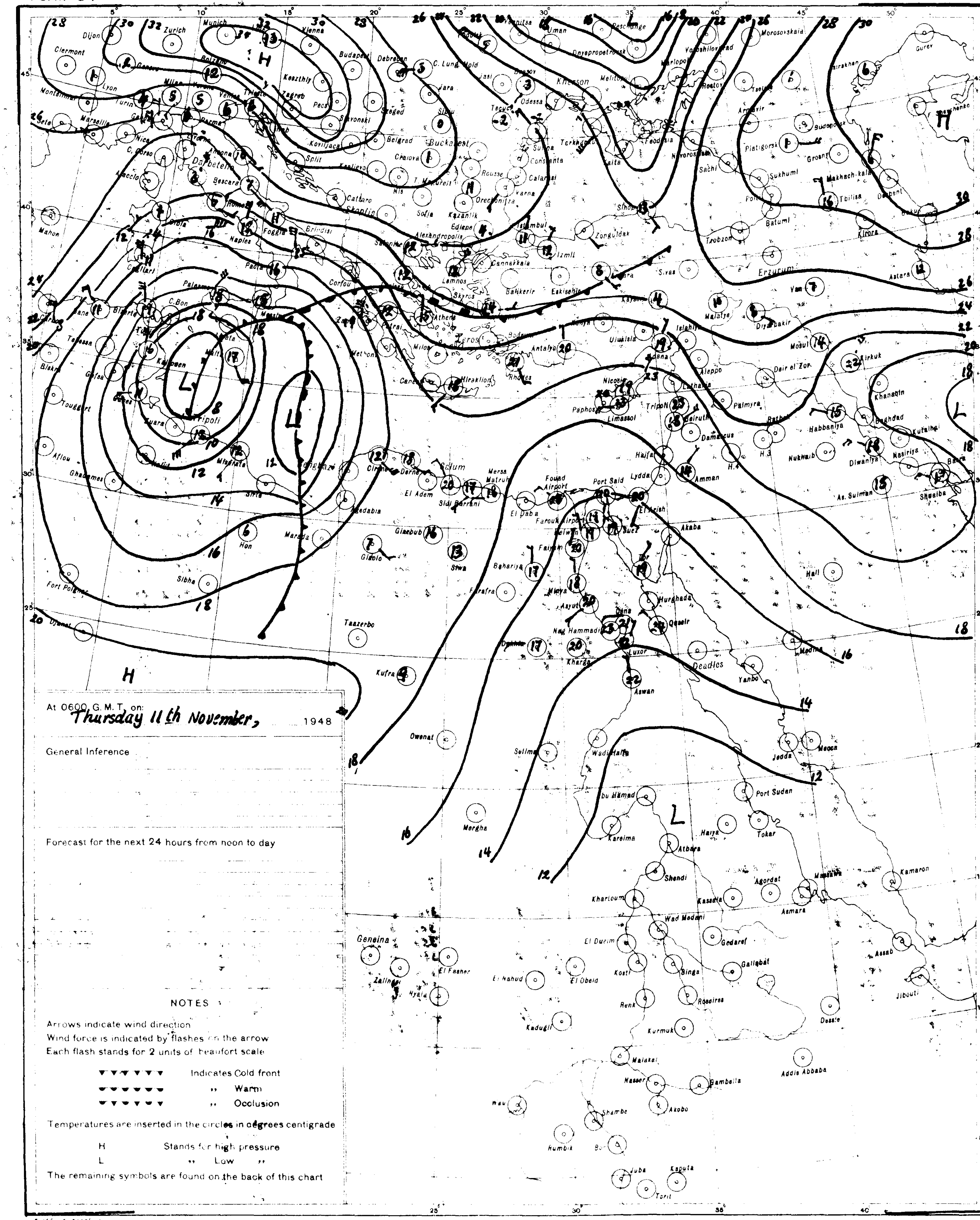
00 Calm

Printed by the Survey of Egypt 1948 (48 1951)

[illegible] G.M.T.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: *Thursday 11th November,* 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼	Indicates Cold front
▼▼▼▼▼▼	,, Warm
▼▼▼▼▼▼	,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H	Stands for high pressure
L	,, Low ,,

The remaining symbols are found on the back of this chart

5 c/f 543(48)/951

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 17 G.M.T.

" " Sunset 15 01 G.M.T.

MINISTRY OF NATIONAL DEFENCE. — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: FRIDAY 12th NOVEMBER, 1948.

At 1200 on THURSDAY 11th

Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 6-12 G.M.T. mms
146	SIDI BARANI												0
160	MATRUH	01	8	01	3	1	3	6	16	23	65	16	0
134	EL DABA	00	9	28	2	0	0	-	15.0	23.7	63	16	0
132	ALEXANDRIA	01	9	28	3	2	3	8	15.5	23.6	59	16	0
150	FOUAD (Airport)	01	8	26	3	0	2	6	15	25	45	12	0
159	DAMIETTA	00	8	28	3	0	0	-	14.8	24.8	71	19	0
161	PORT SAID	00	7	22	2	0	0	-	15	26	70	20	0
135	EL ARISH	00	9	32	3	0	0	-	15.2	23.6	80	20	0
136	DAMANHUR	00	7	28	2	0	0	-	15.6	27.2	55	17	0
137	MANSURA	00	8	02	2	0	0	-	15.1	27.5	57	19	0
138	TANTA	00	8	00	0	0	0	-	15.9	27.0	56	17	0
139	ZAGAZIG	00	6	32	2	0	0	-	15.1	26.8	60	19	0
	SHIBIN EL KOM	00	8	28	3	0	0	-	15.4	29.1	40	14	0
	ISMAILIA	00	7	32	1	0	0	-		28.5	45	16	0
328	FAROUK (Airport)	00	8	26	2	0	6	8	15	25	60	17	0
141	ALMAZA	00	8	02	2	0	0	-	15.1	26.0	56	16	0
	EZBEKIYA	00	8	04	2	0	0	-	15.1	25.8	63	18	0
	GIZA	00	8	04	2	0	0	-	15.0	26.8	57	17	0
143	HELWAN	00	7	26	3	0	0	-	14.7	25	49	14	0
	FAIYUM	00	8	30	2	0	0	-	14.7	27.5	47	15	0
	BENI SUEF	00	9	02	1	0	0	-	14.2	28.8	51	18	0
162	MINYA	00	8	01	3	1	0	-	14	28	58	19	0
155	ASYUT	00	8	22	1	0	0	-	13.9	29.9	45	17	0
	NAG HAMMADI	00	8	00	0	0	0	-	12.0	30.8	43	17	0
	QENA	00	8	24	2	0	0	-	11.8	29.4	47	16	0
157	LUXOR	00	8	30	2	0	0	-	11	32	28	11	0
158	ASWAN	00	9	20	1	0	0	-	10.0	35.4	33	16	0
145	SIWA	00	8	00	0	0	0	-	16.8	27.4	54	17	0
	BAHARIYA	00	8	32	1	0	0	-	15.6	26.5	46	13	0
	FARAFRA	00	8	01	3	0	0	-	15.7	27.1	39	12	0
	DAKHLA	00	9	32	2	0	0	-	14.4	29.2	22	05	0
	KHARGA	00	9	02	1	0	0	-	13.5	31.0	26	08	0
144	SUEZ	00	8	28	2	0	0	-	13.8	28.6	47	16	0
	TOR	00	9	28	1	0	0	-	13.9	27.3	66	20	0
	HURGHADA	00	9	00	0	0	0	-	14	27	62	19	0
	[illegible]	00	8	02	3	0	0	-	14.4	28.0	63	20	0

At 1800 on 11th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 12-18 G.M.T. mms
SIDI BARANI	00	8	30	2	1	1	8	17.0	20.8	83	18	0
MATRUH	00	7	00	0	0	1	6	17	18	78	14	0
EL DABA	00	8	28	1	0	0	-		19.8	74	15	0
ALEXANDRIA	00	6	30	2	0	0	-	17.0	21.0	74	16	0
FOUAD (Airport)	00	7	30	3	0	0	-	16	20	83	17	0
DAMIETTA	00	7	28	3	0	0	-	15.9	20.8	75	20	0
PORT SAID	00	7	28	3	0	0	-	16	23	84	20	0
EL ARISH	01	7	28	2	1	5	8	15.6	22.1	92	21	0
DAMANHUR	00	6	04	3	0	0	-	15.6	19.2	81	16	0
MANSURA	00	6	32	2	0	0	-	16.7	21.0	82	18	0
TANTA	01	8	04	1	0	5	8	17.2	18.8	87	17	0
ZAGAZIG	00	6	32	2	0	0	-	16.0	21.4	84	18	0
SHIBIN EL KOM	00	7	30	2	0	0	-	16.3	21.6	68	16	0
ISMAILIA	00	7	02	1	0	0	-	15.8	22.6	77	19	0
FAROUK (Airport)	00	7	00	0	0	0	-	16	22	74	17	0
ALMAZA	00	7	04	1	0	0	-	16.2	23.0	59	15	0
EZBEKIYA	00	7	00	0	0	0	-	16.4	21.7	68	16	0
GIZA	00	7	00	0	0	0	-	16.6	20.9	71	15	0
HELWAN	00	6	30	3	0	0	-	16.0	22.9	57	14	0
FAIYUM	00	8	00	0	0	0	-	15.8	22.0	65	15	0
BENI SUEF	00	9	02	1	0	0	-	16.2	21.4	84	18	0
MINYA	00	7	00	0	0	0	-	16	20	78	16	0
ASYUT	00	6	20	1	0	0	-	15.4	20.6	76	17	0
NAG HAMMADI	00	8	00	0	0	0	-	13.5	21.8	75	15	0
QENA	00	6	24	2	0	0	-	13.4	24.2	59	15	0
LUXOR	00	7	08	2	0	0	-	12	25	42	11	0
ASWAN												0
SIWA	00	6	00	0	0	0	-	17.8	21.5	62	14	0
BAHARIYA	00	7	32	1	0	0	-	17.0	20.5	52	10	0
FARAFRA	00	7	30	1	0	0	-	16.4	17.5	51	10	0
DAKHLA	00	8	28	1	0	0	-	15.6	22.6	34	06	0
KHARGA	00	7	32	1	0	0	-	15.4	25.1	47	13	0
SUEZ	00		28	2	0	0	-	14.6	23.8	57	15	0
TOR	00	9	28	1	0	0	-	13.8	23.8	79	20	0
HURGHADA	00	8	00	0	0	0	-	14	20	83	17	0
[illegible]	00	8	02	2	0	0	-	14.3	25.0	84	22	0

At 0600 on FRIDAY 12th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs PPP	Diff. from normal mbs	Dry Bulb TT	Max. Yesterday TxTx	Diff. from norm.	Min. Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C	Rainfall Past 24 hrs	Total from Oct. 1	Norm. from Oct. 1
SIDI BARANI	01	9	20	2	0	5	8	17.0		18.5	24		15		94	17	0	24	
MATRUH	01	8	24	3	0	3	6	16		17	24		15		83	14	0	5	
EL DABA	00	8	24	1	0	0	-			20.3	24		13		72	15	0	tr	
ALEXANDRIA											25						0	5	18
FOUAD (Airport)	00	7	22	2	0	0	-	16.7		19	25		15		88	17	0	5	
DAMIETTA	04		20	2	4	0	-	16.6	0.0	18.2	26		15		90	16	0	tr	11
PORT SAID	00	7	26	2	0	0	-	17		22	26		20		83	19	0	0	
EL ARISH	03	9	14	2	2	10	9	16.6	-0.2	18.8	24	-1	16	+2	96	18	0	tr	8
DAMANHUR	00	5	04	2	0	0	-	15.9	-1.9	19.2	27	0	15	+1	86	17	0	[illegible]	8
MANSURA	00	8	20	1	0	0	-	17.2	+0.3	19.0	28	+1	15	0	86	17	0	tr	5
TANTA	01	8	00	0	1	5	8	16.7	-1.1	17.0	29	+2	12	-1	97	16	0	0	5
ZAGAZIG	00	6	16	2	0	0	-	16.2	-1.2	17.6	28	+1	12	-1	82	15	0	0	3
SHIBIN EL KOM	00	7	30	2	4	6	8	16.6	-1.0	18.1	30		15		79	14	0	0	
ISMAILIA	00	6	22	1	0	0	-	17.1		20.0	30		17		81	17	0	0	
FAROUK (Airport)	00	7	00	0	0	0	-	17		19	27		16		78	15	0	0	
ALMAZA	00	7	12	1	0	0	-	17.2	-0.2	21.5	27		16		61	14	0	0	
EZBEKIYA	05	6	00	0	0	0	-	17.6	+0.2	19.1	28	+1	16	+2	86	16	0	tr	2
GIZA	05	6	00	0	0	0	-	17.5	0.0	18.9	28	+2	13	0	83	16	0	tr	4
HELWAN	09	5	00	0	0	0	-	17.5	-0.2	19.2	26	0	16	+1	79	15	0	tr	2
FAIYUM	00	8	00	0	0	0	-	18.0	+0.7	19.6	28	0	16	+2	81	17	0	0	0
BENI SUEF	00	9	30	1	0	0	-	17.1		18.9	29		13		84	16	0	0	
MINYA	00	7	32	3	0	0	-	17		18	28		15		83	15	0	tr	
ASYUT	00	7	22	1	0	0	-	16.1	-1.0	18.9	28	+1	16	+2	73	14	0	0	0
NAG HAMMADI	00	8	00	0	0	0	-	15.4	-0.7	22.7	33		16		70	17	0	0	
QENA	00	7	24	2	0	0	-	15.8	0.0	21.2	31	0	18	+4	74	16	0	tr	
LUXOR	00	8	00	0	0	0	-	15		22	33		15		50	11	0	tr	
ASWAN	00	9	02	1	0	0	-	15.4	0.0	22.9	37	+5	19	+2	47	11	0	tr	
SIWA	00	7	00	0	0	0	-	18.6	-0.2	12.5	28	0	10	-1	71	08	0	0	0
BAHARIYA	01	8	28	1	1	3	4	18.2	+0.1	18.0	27	0	10	-2	62	11	0	0	1
FARAFRA	00	8	24	3	0	0	-	18.2		13.3	28		7		52	03	0	tr	
DAKHLA	00	8	24	1	0	0	-	16.5	-1.0	20.0	30	+1	14	+1	51	10	0	tr	
KHARGA	00	7	32	3	0	0	-	16.2	-0.3	21.2	31	+1	16	+2	53	11	0	0	
SUEZ	00	7	32	2	0	0	-	17.1	+0.5	20.1	30	+3	18	+2	83	17	0	tr	3
TOR	00	7	04	2	0	0	-	15.5	0.0	18.1	31	+4	14	-1	61	10	0	0	2
HURGHADA	00	7	26	1	0	0	-	16		22	28		16		53	12	0	0	1
[illegible]	00	8	28	2	0	0	-	15.1	-0.2	24.0	28	0	19	-1	60	16	0	0	1
[illegible]	01	8	06	4	1	7	8	13		29					70	23	0	18	29
WADI HALFA																	0	0	
[illegible]	00	8	06	4	0	0	-	11		27					42	13	0	0	1
[illegible]	00	7	32	3	0	0	-	11		25			21		47	13	0	tr	2
[illegible]	00	8	04	2	0	0	-	10		26					40	11	0	3	4
[illegible]	00	8	08	1	0	0	-	8		31			22		31	12	0	2	8
[illegible]																	0	11	11
[illegible]																	0	0	46
[illegible]																	0	0	33
[illegible]	00	8	30	3	1	2	1	10		26			18		21	02	0	0	16
[illegible]	01	7	04	5	1	3	1			27			22		22	03	0	0	6
[illegible]																			4
[illegible]																	0	75	82
[illegible]																	0	220	136
[illegible]	02	8	16	1	1	10		13					21				0	126	111

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in last hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-31

11th
70 +3
71 +3
76 +6
71 +15

12th 9.4

11th

12 11 9

1009 24 53 60 2
490 22 55 60 2
440 15 35 280 11
5020 13 55 240 14
6680 10 55 180 18
10300 6 35 210 50
14410 0 35 260 27
19140 -8 45 220 27
31440 -36 -

FOUAD A.P. 15 30
320 11
320 12
320 15
310 17
330 11
350 20

MINYA 15
330 17
340 14
320 11
40 2
240 7
360 00

BAHARIYA 14
340 10
340 11
360 10
360 10
300 3
230 36
210 42
220 27
210 17

12th

MINYA
9 3 3 30 3
310 16 340 30 280 10 330 12
310 15 330 29 280 10 310 9
310 13 330 30 280 14 240 6
330 10 190 6 240 23 180 12
330 12 210 19 250 20 170 9
270 14 190 27

9
350 3
330 10
290 10
190 8
190 25
200 37

MATRUH A.P.
2 45 9
270 20 340 10
280 13 360 14
290 17 340 10
300 15
310 13

5 8 45
10 8 30 3
360 5 70 3
140 14 60 2
150 14 260 9
160 10 300 8
140 10 240 14
210 3 250 21
250 10 230 22
210 19 230 37
160 27 250 43
260 22 240 57

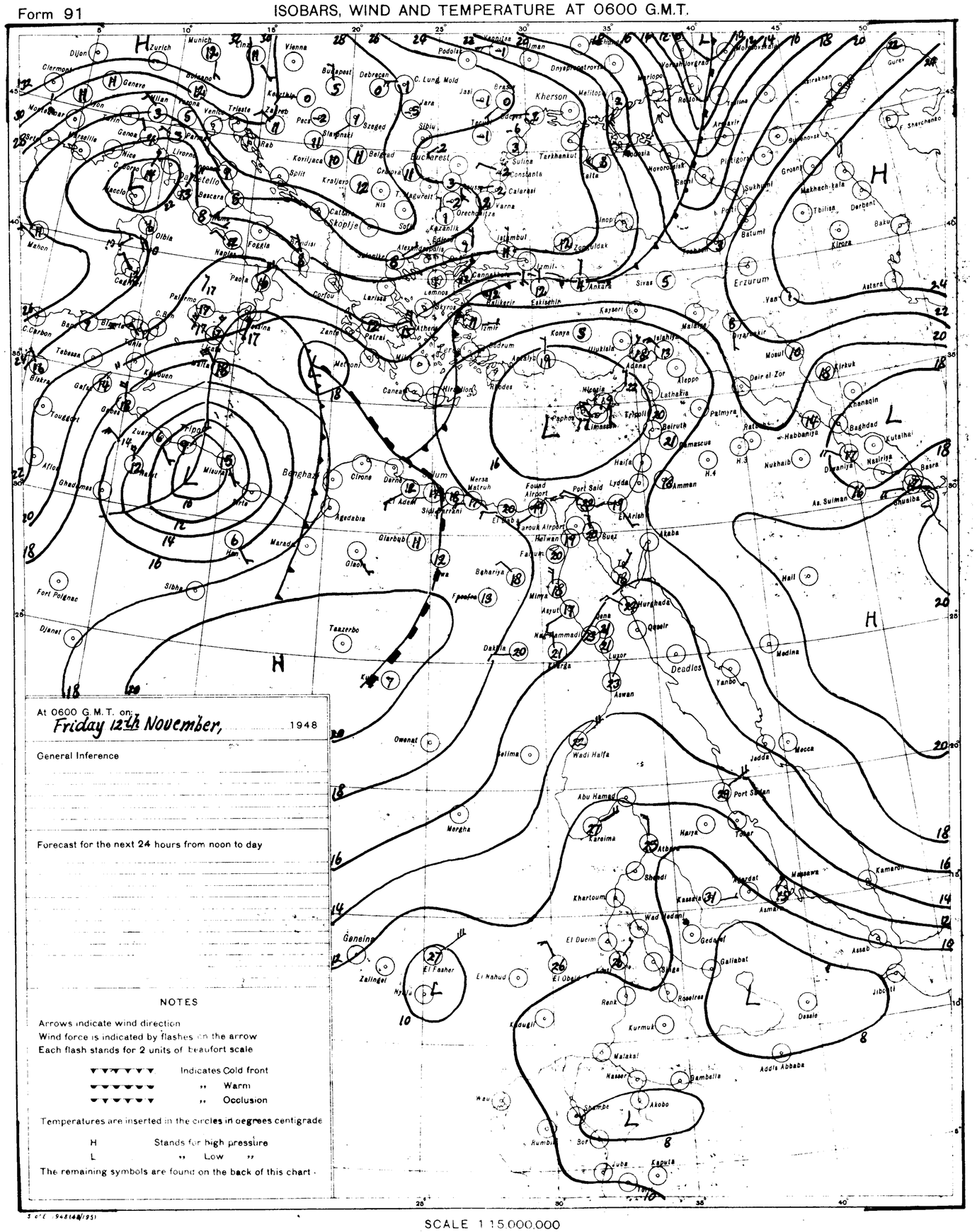
PORT SAID HURGHADA ASWAN DAKHLA KHARGA
14 15 14 14 14
330 15 90 13 290 5 360 14 20 12
310 17 140 11 320 10 350 15 20 10
280 10 150 11 320 5 350 12 10 11
180 14 160 15 20 5 80 2 30 5
190 16 190 14 310 8 180 13 190 7
210 19 280 13 140 5 220 28 200 14
160 13 100 19 210 20 200 15
100 14

4 45 4 45 9 3
10 14 40 3 10 16 240 23
360 12 30 5 10 15 200 3
330 8 30 9 20 10 340 11
280 15 120 4 30 5 70 15
260 10 210 9 130 7 160 12
280 9 190 19 100 20
220 15 210 8
240 15 190 10
240 30 200 10

8 8 8 8 3 15 4 3 30
70 9 50 12 50 14 120 8 40 15 50 21
50 1 30 19 40 14 140 9 30 15 60 32 20 9
10 15 40 00 160 3 30 12 80 18 50 11
160 3 80 5 360 3 50 18
50 4 260 0 110 16
50 23 80 16
80 13
80 5

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: Friday 12th November, 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of Beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart.

S.O.C. 948148/1951

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 18 G.M.T.

" " Sunset 15 00 G.M.T.

MINISTRY OF NATIONAL DEFENCE. — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: SATURDAY 13th NOVEMBER, 1948.

At 1200 on FRIDAY 12th and at 1800 on 12th

Index	Station	1200 ww	V	DD	F	W	Cloud Amount	C	PPP	TT	UU	Dew Point	Rain 6-12	1800 ww	V	DD	F	W	Cloud Amount	C	PPP	TT	UU	Dew Point	Rain 12-18
146	SIDI BARANI	01	9	26	3	1	5	6	16.4	23.9	72	19	0	00	8	30	1	1	0	..	17.0	19.9	78	16	0
160	MATRUH	01	8	30	4	0	3	6	15	24	61	16	0	01	7	02	3	1	3	6	17	21	74	16	0
134	EL DABA	00	9	02	1	0	0	-		23.4	65	16	0	00	8	28	1	0	0	-		20.8	77	17	0
132	ALEXANDRIA	01	9	22	4	2	5	8	14.8	23.4	65	16	0	01	6	28	3	2	5	4	15.7	21.4	74	16	0
150	FOUAD (Airport)	00	7	25	3	0	0	-	14.8	24	61	16	0	00	7	30	1	0	2	8,2	15.8	21	78	17	0
159	DAMIETTA	00	8	26	2	0	1	8	14.3	24.8	61	17	0	01	7	30	2	1	7	4	15.5	18.8	85	16	0
161	PORT SA'ID	00	8	32	1	0	0	-	15	24	65	17	0	01	7	30	2	0	5	6	16	22	74	17	0
135	EL ARISH	01	9	28	3	1	5	8	14.8	23.8	83	21	0	00	9	23	1	0	2	8	15.1	21.9	87	20	0
136	DAMANHUR	00	7	24	4	0	0	-	15.3	26.4	53	15	0	00	6	24	3	0	0	-	16.7	19.2	84	16	0
137	MANSURA	00	8	20	2	0	0	-	15.0	26.5	45	14	0	00	6	32	1	0	0	-	16.2	19.8	62	12	0
138	TANTA	01	8	28	3	1	3	8	15.0	25.6	52	15	0	00	8	32	1	1	0	-	16.2	18.0	80	14	0
139	ZAGAZIG	00	6	32	2	0	0	-	15.1	25.9	63	18	0	00	6	16	2	0	0	-	15.5	22.4	90	20	0
	SHIBIN EL KOM	00	8	30	3	0	0	-	15.5	28.9	42	15	0	00	7	28	2	0	0	-	16.4	21.7	66	15	0
	ISMAILIA	00	7	26	1	0	0	-	14.6	28.3	43	14	0	00	6	26	1	0	0	-	16.6	21.5	66	15	0
828	FAROUK (Airport)																								
141	ALMAZA	00	8	24	2	0	2	1	14.6	25.9	36	10	0	00	7	28	1	0	2	1	16.0	22.0	36	08	0
	EZBEKIYA	00	8	00	0	0	2	1	15.0	26.8	43	12	0	00	7	00	0	0	2	1	16.2	19.2	57	10	0
	GIZA	00	8	00	0	0	2	1	14.7	28.1	37	12	0	00	7	00	0	0	2	1	16.2	17.0	67	11	0
143	HELWAN	00	8	26	1	0	2	1	14.7	24.9	40	10	0	00	7	28	2	0	2	1	16.3	20	40	07	0
153	FAIYUM	00	8	00	0	0	6	2	14.7	26.2	40	11	0												
	BENI SUEF	00	9	02	1	0	0	-	14.6	29.7	20	05	0	00	9	00	0	0	0	-	15.5	17.9	73	13	0
162	MINYA	00	8	32	4	0	1	2	15	28	33	10	0	00	7	00	0	0	2	1	16	18	60	10	0
155	ASYUT	00	8	26	1	0	0	-	14.0	28.3	27	07	0	00	6	20	1	0	0	-	15.8	20.5	57	11	0
164	NAG HAMMADI	00	8	00	0	0	0	-	13.5	29.5	55	20	0	00	8	00	0	0	0	-	13.4	21.8	66	15	0
156	QENA	00	8	24	2	0	0	-	12.7	29.0	46	16	0	00	6	24	2	0	0	-	12.4	24.4	67	18	0
157	LUXOR	00	8	30	1	0	0	-	12	32	31	13	0	00	7	16	1	0	0	-	12	24	50	13	0
158	ASWAN	00	9	24	1	0	0	-	10.0	35.5	17	07	0	00	9	00	0	0	0	-	11.9	32.0	29	12	0
145	SIWA	00	8	00	0	0	0	-	17.4	27.5	48	16	0	00	6	00	0	0	0	-	17.1	19.8	45	08	0
149	BAHARIYA	01	8	28	1	1	3	1	15.8	25.5	32	08	0	01	7	00	0	1	5	3	17.0	19.0	58	10	0
	FARAFRA	00	8	28	1	0	6	8	16.4	27.7	27	07	0												
152	DAKHLA	00	9	32	1	0	0	-	14.8	28.4	28	08	0	00	8	28	1	0	0	-	16.5	22.2	37	06	0
151	KHARGA	00	8	02	2	0	0	-	13.8	30.0	28	09	0	00	7	32	3	0	0	-	15.6	25.0	30	06	0
144	SUEZ	00	8	22	3	0	0	-	13.2	25.4	45	12	0	00		00	0	0	0	-	14.6	22.4	47	10	0
14?	TOR	00	9	28	3	0	0	-	13.1	26.3	60	17	0	00	9	28	2	0	0	-	13.8	24.8	69	19	0
163	HURGHADA	00	9	02	1	0	0	-	13	26	70	20	0	00	8	30	3	0	0	-	14	25	70	19	0
	QUSEIR	00	8	02	2	0	0	-	13.0	27.0	77	23	0	00	8	32	2	0	0	-	13.9	25.0	84	22	0
	PORT SUDAN	01	8	08	4	1	3	8	11	31	62	23	0												
	WADI HALFA																								
	KAREIMA	00	8	04	2	0	0	-	7	34	20	08	0												
	ATBARA	00	7	28	2	0	0	-	6	35	18	07	0												
	KHARTOUM	00	8	02	3	0	0	-	5	36	20	10	0												
	KASSALA	00	8	00	0	0	0	-	3	38	16	08	0												
	WAD MEDANI																								
	RENK																								
	[illegible]																								
	[illegible]	00	8	03	3	0	6	1	3	37	16	07	0												
	[illegible]	01	8	04	4	1	5	1		36	13	03	0												
	GENEINA	01	8	14	1	1	7	8		36	15	06	0												
	MALAKAL																								
	WAU	02	8	24	2	1	10	8,2	5	36	35	18	0												
	JUBA	01	8	14	1	1	5	8,2	4	36	24	12	0												

At 0600 on SATURDAY 13th

Station	ww	V	DD	F	W	Cloud Amount	C	PPP (M.S.L.)	Diff. from normal	Dry Bulb TT	Max Yesterday TxTx	Diff. from norm.	Min Today TnTn	Diff. from norm.	UU	Dew Point	Rain Past 24 hrs	Total from Oct. 1	Norm. from Oct. 1
SIDI BARANI	02	9	18	1	0	8	8,2	19.1		18.5	24		13		80	15	0	24	
MATRUH	01	8	22	2	2	5	6	18		17	25		14		77	13	0	5	
EL DABA	01	8	24	1	1	5	6			23.0	25		13		62	15	0	tr	
ALEXANDRIA	01	9	28	3	2	7	8	17.6	-0.4	22.2	25	0	20	+3	67	16	0	5	19
FOUAD (Airport)	02	8	26	2	2	9	8,4	17.2		22	25		18		65	15	0	5	
DAMIETTA	02	7	20	3	2	8	8	16.6	0.0	17.6	27		14		88	16	0	tr	12
PORT SA'ID	01	7	22	3	1	7	6	17		21	25		20		74	16	0	0	
EL ARISH	02	9	18	3	2	8	6	17.0	+0.2	20.4	25	0	15	+2	74	15	0	tr	9
DAMANHUR	01	5	24	3	1	7	6	16.3	-1.5	19.4	27	+1	15	+1	85	16	0	tr	9
MANSURA	01	7	16	1	1	5	6	17.4	+0.4	19.0	27	0	15	0	78	19	0	tr	5
TANTA	01	8	20	1	1	5	8	16.9	-1.0	18.0	27	0	13	0	90	16	0	0	5
ZAGAZIG	00	6	32	2	0	0	-	17.5	0.0	19.6	26	-1	13	0	91	18	0	0	3
SHIBIN EL KOM	01	6	28	2	4	5	8	17.3	-0.3	18.7	30		14		78	15	0	0	
ISMAILIA	02	6	26	2	2	8	4	17.1		20.0	29		16		77	16	0	0	
FAROUK (Airport)																		0	
ALMAZA	01	7	18	1	1	5	6	17.3	-0.1	18.8	27		16				0	0	
EZBEKIYA	02	7	00	0	2	10	8,2	18.3	+0.9	18.9	28	+1	16	+2	72	14	0	tr	2
GIZA	02	7	00	0	2	10	8,2	18.2	+0.7	19.3	29	+3	13	+1	71	14	0	tr	4
HELWAN	09	5	00	0	2	8	8	18.7	+0.9	17.8	26	0	15	0	70	12	0	tr	2
FAIYUM	02	8	00	0	2	9	4	18.7	+1.4	16.8	29	+1	14	+1	70	12	0	0	0
BENI SUEF	02	8	02	1	0	8	4,5	18.8		16.3	30		11		65	09	0	0	
MINYA	01	7	32	2	1	5	1	18		18	28		11		60	10	0	tr	
ASYUT	00	7	22	1	0	0	-	18.3	+1.1	17.4	29	+2	13	0	67	11	0	0	0
NAG HAMMADI	00	8	24	1	0	0	-	16.4	+0.2	21.4	31		14		64	14	0	0	
QENA	01	7	24	2	0	5	1	16.3	+0.3	21.6	31	0	17	+3	56	13	0	tr	
LUXOR	00	8	36	1	0	6	1	16		22	33		16		47	10	0	tr	
ASWAN	00	9	32	1	0	0	-	15.2	-0.3	22.3	38	+6	19	+2	60	14	0	tr	
SIWA	03	7	00	0	2	10	5	19.6	+0.8	16.5	28	+1	11	+1	58	08	0	0	0
BAHARIYA	02	8	28	1	1	8	4	19.4	+1.2	17.0	27	0	11	-1	64	10	0	0	1
FARAFRA																		tr	
DAKHLA	02	8	00	0	1	8	5	18.9	+1.3	18.0	29	0	13	0	42	05	0	tr	
KHARGA	00	7	02	1	0	0	-	18.2	+1.6	19.4					44	06	0	0	
SUEZ	01	6	04	1	1	5	8	17.0	+0.4	18.0	27	0	15	-1	75	13	0	tr	3
TOR	00	9	04	1	0	0	-	15.6	+0.1	19.5	28	+2	15	0	59	12	0	0	2
HURGHADA	00	9	26	1	0	2	1	16		22	26		16		53	12	0	0	1
QUSEIR	00	8	28	2	0	0	-	15.6	+0.3	24.0	28	0	20	0	65	17	0	0	1
PORT SUDAN	01	8	30	2	1	5	8	14								12	0	18	31
WADI HALFA																	0	0	
KAREIMA	00	8	04	3	0	0	-	12		27					42	13	0	0	1
ATBARA	00	7	04	2	0	0	-	12									0	tr	2
KHARTOUM	00	8						11		27					40	12	0	3	4
KASSALA	00	8	04	1	0	0	-	10		29					49	17	0	2	8
WAD MEDANI																	0	11	11
RENK																	0	0	46
[illegible]																	0	0	33
[illegible]	01	8	32	2	1	5	1	11		26					23	3	0	0	16
[illegible]	01	8	28	2	1	5	2			20					38	5	0	0	6
GENEINA	01	8	06	1	0	5	1			19					32	2			4
MALAKAL																	0	75	82
WAU																	0	220	137
JUBA																	0	126	112

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	43
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99

PAST WEATHER (W)

UPPER AIR OBSERVATIONS of 12th

12th: 67 +1; 64 -4; 68 -3; 55 -1

13th 8.7

ALMAZA

FAROUK AIRPORT 13th 3

Height	Temp.	Humidity	DD	VV
1009	16	82	250	2
480	16	85	250	2
3400	10	85	330	14
4960	10	45	320	16
6610	11	-	290	15
10220	5	-	250	16
14280	-3	-	250	24
18960	-9	-	250	45
31240	-36	-	260	18
40080	-54	-		
54080	-64	-		

SIDI BARANI 14	FOUAD A.P. 15	Almaza 14	Aswan 15	BAHARIA 14
340 10	250 12	300 3	310 6	320 12
330 11	250 13	350 8	310 3	320 14
320 12	260 14	280 10	130 3	320 8
310 10	270 17	320 34	130 8	320 7
300 15	290 16	330 38	80 6	340 9
	300 16	310 45	130 14	280 16
	300 19	310 28	160 11	230 15
			200 19	240 17
			260 25	240 26
			270 27	

KHARGA 14	DAKHLA 14	Port Said 14	Hurghada 15	MINYA 14 30
360 12	340 10	340 5	250 3	20 16
360 15	340 7	260 12	250 2	10 12
360 14	10 15	260 6	250 2	330 15
30 7	60 8	220 16	180 3	290 19
170 11	210 15	200 21	100 10	170 33
230 10	230 15	210 26	110 15	
240 14	250 27			
200 6	240 22			
	250 33			

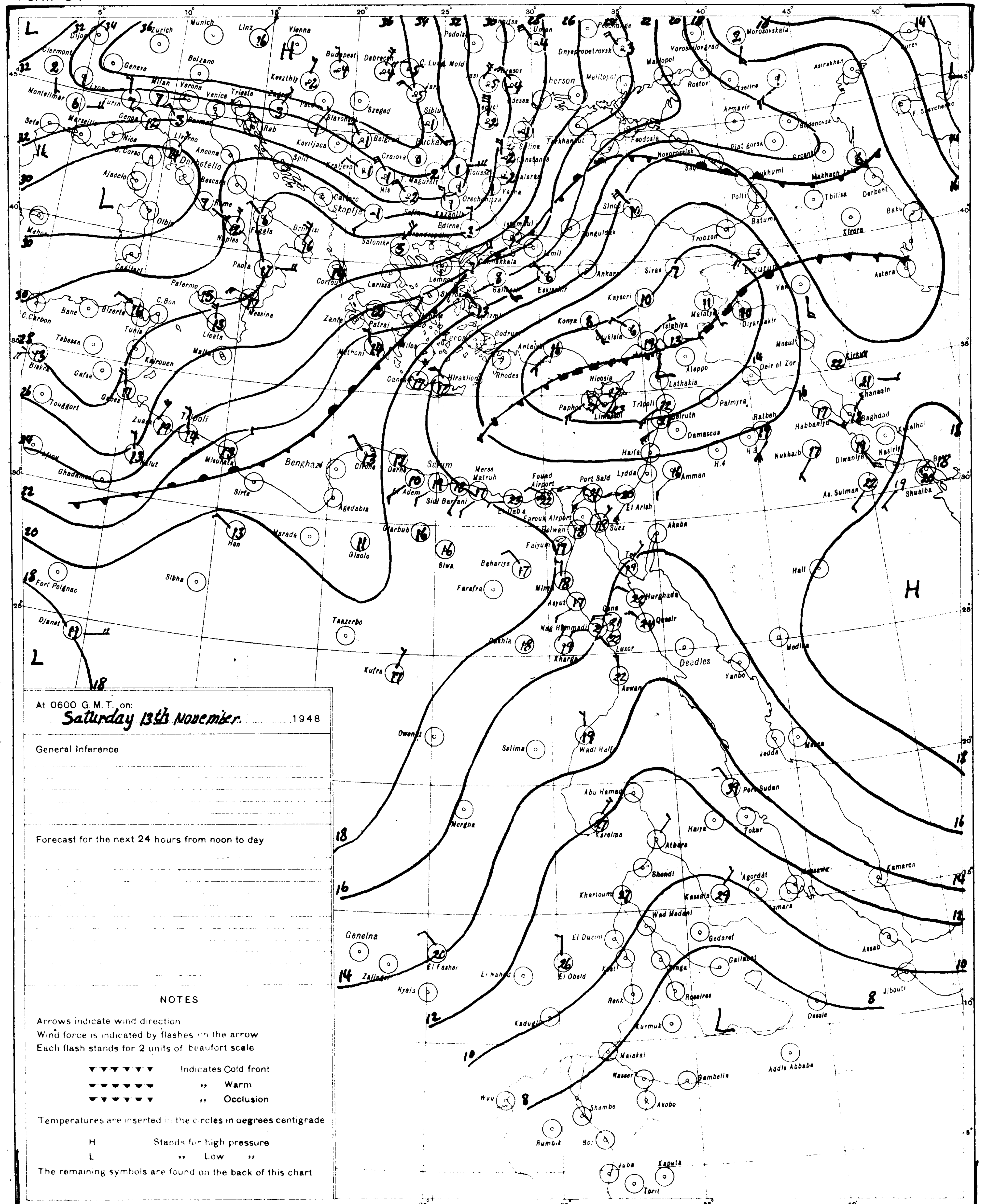
UPPER AIR OBSERVATIONS of 13th

Matruh 7 30	FAROUK A.P. 3	3 30	FOUAD A.P. 2 45	Almaza 9	Minya 3	A.P. 7 15	9 30	9	2
290 12	300 6	270 9	320 13	80 5	10 19	360 10	330 2	320 8	260 3
300 12	330 10	300 12	320 16	50 9	10 19	360 18	360 10	350 5	280 3
330 13	330 11	300 16	300 12	50 9	10 20	350 19	350 10	90 14	300 7
310 16	320 14	330 23	300 18	30 10	10 22	300 10	210 6	50 5	310 12
300 18	280 14		270 21	70 15	10 22	270 9		350 3	310 23
270 21	250 16		250 18	130 22				360 10	290 16
				140 11				250 16	280 27
	250 35							240 19	260 38
	250 43								

BAHARIYA 9	DAKHLA 9	KHARGA 9	HURGHADA 3 15	KHARTOUM 4
360 10	360 3	20 26	320 29	10 18
360 10	30 3	10 27	340 15	10 18
360 19	10 5	10 20	330 17	360 15
200 16	300 6	320 12	190 17	330 7
310 13	350 6	230 9		
260 19				
260 24				
250 26				
260 42				

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:

Saturday 13th November 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼ Indicates Cold front
▼▼▼▼▼▼ ,, Warm
▼▼▼▼▼▼ ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

S o/E 1948(48/195)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 19 G.M.T
" " Sunset 15 00 G.M.T

MINISTRY OF NATIONAL DEFENCE — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 9

DAILY WEATHER REPORT

Date: SUNDAY 14th NOVEMBER, 1948.

At 1200 GMT SATURDAY 13th / At 1800 GMT 13th

ww	V	DD	F	W	Cloud Amount	Cloud Form C	PPP	TT	UU	Dew Point	Rain	ww	V	DD	F	W	Cloud Amount	Cloud Form C	PPP	TT	UU	Dew Point	Rain
01	9	26	3	2	5	8	18.2	22.7	70	17	0	02	8	32	3	1	9	6	19.6	20.3	72	15	0
01	8	30	3	2	5	9	18	23	65	16	0	01	7	01	3	2	5	6	19	20	94	19	0
								22.8	68	17	0	02	8	28	2	2	8	8		22.2	64	15	0
02	9	26	4	2	8	6	16.0	22.4	61	14	0	02	6	28	5	6	8	9	17.2	20.4	68	14	1
02	7	26	4	2	9	8,4	15.8	24	57	15	0	02	7	30	4	8	9	9,6	17	20	83	17	1
01	8	26	3	1	7	4	14.7	23.8	57	15	0	02		24	4	2	10	9	15.5	21.0	70	15	0
02	7	29	3	2	9	8,4	15	24	54	14	0	02	7	26	4	2	9	8	16	22	69	16	0
02	9	24	3	2	10	6	15.2	23.4	65	16	0	01	9	28	1	1	5	8	15.2	21.7	69	16	0
02	7	28	3	2	8	8	16.6	24.2	54	14	0	02	6	28	3	5	8	8	17.0	19.2	88	17	dr
01	8	30	2	1	5	6	15.5	24.8	52	14	0	01	6	24	1	1	5	6	16.6	19.5	80	16	0
01	8	24	2	1	5	8	15.6	25.0	62	17	0	02	8	00	0	1	8	8	17.1	18.0	86	16	0
00	6	32	2	0	0	-	15.6	27.6	58	19	0	00	6	32	2	0	0	-	15.8	22.5	84	20	0
01	8	30	3	1	5	8	15.2	26.7	40	12	0	01	7	28	2	1	3	6	15.8	20.9	63	14	0
03	6	26	1	2	10	6	14.6	26.0	48	14	0	03	6	26	1	2	10	6	16.0	21.8	66	15	0
01	8	28	2	1	7		15	25	61	17	0	02	7	28	2	1	8	2	17	20	68	15	0
02	7	26	2	2	10	2	15.4	24.0	50	13	0	03	7	28	1	2	10	2	17.4	20.1	61	13	0
02	8	30	2	2	10	2	15.9	24.5	40	10	0	00	7	00	0	0	0	-	17.4	20.3	64	13	0
02	8	30	2	2	10	2	15.5	25.0	40	10	0	00	7	00	0	0	0	-	17.8	19.8	68	14	0
02	8	28	2	2	10	2	15.6	23.9	49	13	0	02	6	28	3	2	10	2	17.2	20.7	57	12	0
02	8	32	2	2	9	4	16.3	24.5	48	13	0	02	8	00	0	2	9	4	17.4	19.9	53	13	0
02	8	02	1	0	8	5	15.8	25.1	55	15	0	00	9	02	1	0	-		16.9	20.4	59	12	6
01	8	01	3	1	7	8	16	25	54	15	0	01	7	01	1	2	5	1	17	16	68	10	0
01	7	28	1	1	5	1	15.6	24.2	45	11	0	01	6	26	1	1	3	1	17.2	20.5	52	11	0
00	8	24	1	0	0	-	14.7	28.3	39	13	0	00	8	26	1	0	0	-	15.1	20.4	67	14	0
01	8	24	2	1	3		13.5	27.2	48	15	0	01	6	26	3	1	5	1	14.0	21.3	58	12	0
01	8	28	1	1	5	2	13	31	31	12	0	01	7	19	1	1	3	2	14	22	44	9	0
00	9	00	0	0	0	-	11.1	35.4	19	08	0												
00	8	28	2	0	0	-	19.2	28.0	47	16	0	00	6	00	0	0	0	-	19.0	19.4			0
02	8	32	1	1	8	4	17.6	24.0	39	09	0	02	7	32	1	2	9	4	18.7	19.5	51	10	0
02	8	28	2	2	9	8	18.2	25.5	32	08	0	02	7	32	1	2	9	6	18.6	19.4	37	04	0
02	8	28	2	1	8	5	15.7	25.7	23	03	0	03	7	28	2	1	10	5	16.9	21.8	33	05	0
01	8	28	2	0	5	2	15.4	27.5	28	08	0	00	7	02	3	0	2	2	17.4	22.1	12	-9	0
01	8	32	2	1	5	8	13.9	24.1	54	14	0	02		28	2	2	10	7	16.4	21.9	45	09	0
02	9	28	5	2	8	1	13.1	25.4	51	14	0	02	9	28	3	2	8		14.2	22.8	49	12	0
01	9	30	4	0	5	2	13	26	55	16	0	01	8	28	3	1	7	2	15	24	54	14	0
01	8	32	4	1	5	1	12.7	27.3	68	20	0	01	8	32	3	1	5	1	14.2	24.3	96	23	0

At 0600 GMT SUNDAY 14th

ww	V	DD	F	W	Cloud Amount	Cloud Form C	PPP M.S.L.	Diff from normal	Dry Bulb TT	Max Yesterday TxTx	Diff from norm	Min Today TnTn	Diff from norm	Humidity UU	Dew Point	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1
02	8	32	5	2	10	7	23.9		16.2	25		14		75	12	0	24	
18	6	02	6	3	9	6,4	22		17	24		16		56	08	0	5	
02	7	28	3	5	8	9			17.3	26		15		58	08	2	2	
01	9	28	5	2	5	8	18.8	+0.8	18.4	25	0	17	0	50	07	1	6	20
01	7	29	4	1	7	8	18.8		18	25		17		52	08	3	8	
01		24	4	1	7	9	16.0	-0.7	18.8	25		14		60	11	0	dr	12
18	6	25	6	3	3	8	16		19	25		18		56	10	0	0	
01	9	20	4	1	5	8	15.5	-1.4	18.9	26	+1	12	-1	74	14	0	dr	9
00	6	28	5	0	0	-	18.7	+0.8	17.2	25	-1	15	+1	68	11	dr	[illegible]	9
00	8	30	2	1	0	-	17.8	+0.8	17.2	26	-1	15	0	68	11	0	dr	5
00	8	24	4	1	0	-	17.5	-0.4	16.6	26	-1	13	0	70	12	0	0	5
00	6		2	0	0	-	17.8	+0.3	15.2	28	+1	13	0	85	12	0	0	3
00	7	02	2	0	0	-	18.1	+0.4	18.6	28		15		77	15	0	0	
00	5	26	3	0	0	-	17.4		18.5	27		16		64	12	0	0	
00	7	26	3	0	0	-	18		18	25		16		73	13	0	0	
30	7	24	2	0	0	-	18.8		17.6	25		16		64	10	0	0	
00	7	26	2	0	0	-	19.4	+1.9	17.5	25	-1	17	+3	67	12	0	dr	2
00	7	26	2	0	0	-	19.4	+1.9	18.1	26	0	14	+2	70	12	0	dr	4
05	6	28	3	0	0	-	19.5	+1.7	16.7	24	-2	15	0	71	12	0	dr	2
00	8	32	3	0	0	-	19.9	+2.5	18.0	26	-1	15	+2	71	13	0	0	0
00	9	02	1	0	0	-	19.6		19.2	25		14		71	14	0	0	
01	7	32	2	2	5	4	19		16	25		13		77	12	0	dr	
01	7	28	1	1	5	1	18.2	+0.9	18.6	26	-1	14	+1	66	12	0	0	0
00	8	24	1	0	0	-	17.6	+1.4	20.2	29		12		66	13	0	0	
01	7	24	2	1	3		17.1	+1.0	19.3	30	-1	15	+1	63	12	0	dr	
00	8	29	1	0	2	1	17		22	32		15		50	11	0	dr	
02	9	32	3	1	8	1	17.2	+1.6	19.8	35	+4	18	+1	57	10	0	dr	
00	7	00	0	0	0	-	22.8	+4.0	15.8	30	+3	11	+1	64	09	0	0	0
01	8	32	2	1	5	3	20.7	+2.4	17.5	25	-2	12	0	75	13	0	0	1
02	8	00	0	2	8	8	21.1		15.3	26		10		58	07	0	dr	
01	8	28	1	1	3	5	19.6	+1.9	15.0	27	-2	14	+1	49	04	0	dr	
00	7	32	3	0	2	1	19.4		20.4					52	10	0	0	
01	6	28	3	1	5	8	17.8	+1.2	18.9	28	+1	17	+1	61	11	0	dr	3
02	8	04	3	2	8	1	16.0	+0.4	23.0	27	+1	19	+4	43	10	0	0	2
01	9	27	4	0	5	8	16		22	26		17		74	17	0	0	
01	8	30	4	1	5	5	15.5	+0.1	22.0	28	0	21	+1	65	15	0	0	1
01	8	32	3	1	5	8,4	14		29			23		62	21	0	18	32
																0	0	
00	8	02	1	0	0	-	12		24			22		32	06	0	0	1
00	7	28	2	0	1	2	11.		26			22		35	09	0	dr	2
00	8	02	3	0	0	-	11		27			21		35	10	0	3	4
00	7	00	0	0	0	-	10		27			21		52	16	0	2	8
00	9	02	2	0	0	-	10		27					33	09	0	11	11
																0	0	46
																0	0	33
00	6	32	3	0	1	1	12		26			20		27	04	0	0	16
01	8	28	1	0	5	2			18			14		32	01	0	0	6
01	7	04	3	1	7	1			22			18		19	-3	0		4
																0	75	83
																0	220	137
																0	126	113

PRESENT WEATHER (ww) — STATION

13 th
59 -7
61 -7
63 -8
59 +2

14 th 10.8

14 th 3

1009 17 80 260 7
480 16 79 260 7

3400 10 85 310 24
4950 6 95 310 24
6570 4 75 280 24
10110 0 35 270 41
14110 -7 35 270 42
18700 -14 - 270 84

27060 -40 -

13 th

ALMAZA MATRUH
14 30 13 45

300 11 350 18
300 15 220 21
300 16 320 20
300 16 300 23
Ent Cu

S.Barrani HURGHADA FOUAD A.P
14 15 15

340 15 340 23 310 15
340 15 340 24 300 16
320 14 290 6 300 18
310 23 260 8 300 21
270 33 260 16 310 17
Ent Cu 240 14

PORT SAID MINYA ASWAN BAHARIA KHARGA DAKHLA
14 15 15 14 14 14 14

300 23 360 14 360 8 340 14 360 21 350 19
290 23 340 21 350 10 350 14 360 21 350 21
300 29 340 24 30 5 360 18 360 23 360 22
270 15 340 21 40 3 360 20 360 19 10 12
330 11 310 22 30 3 340 19 360 11 360 36
330 6 200 8 290 20 300 8 ENT Sc
330 10 250 17 240 11
360 3 290 32 290 9
290 20
[illegible] 8

14 th

9 7 30 5 3 9 7 4 7 A.R 45 9 11

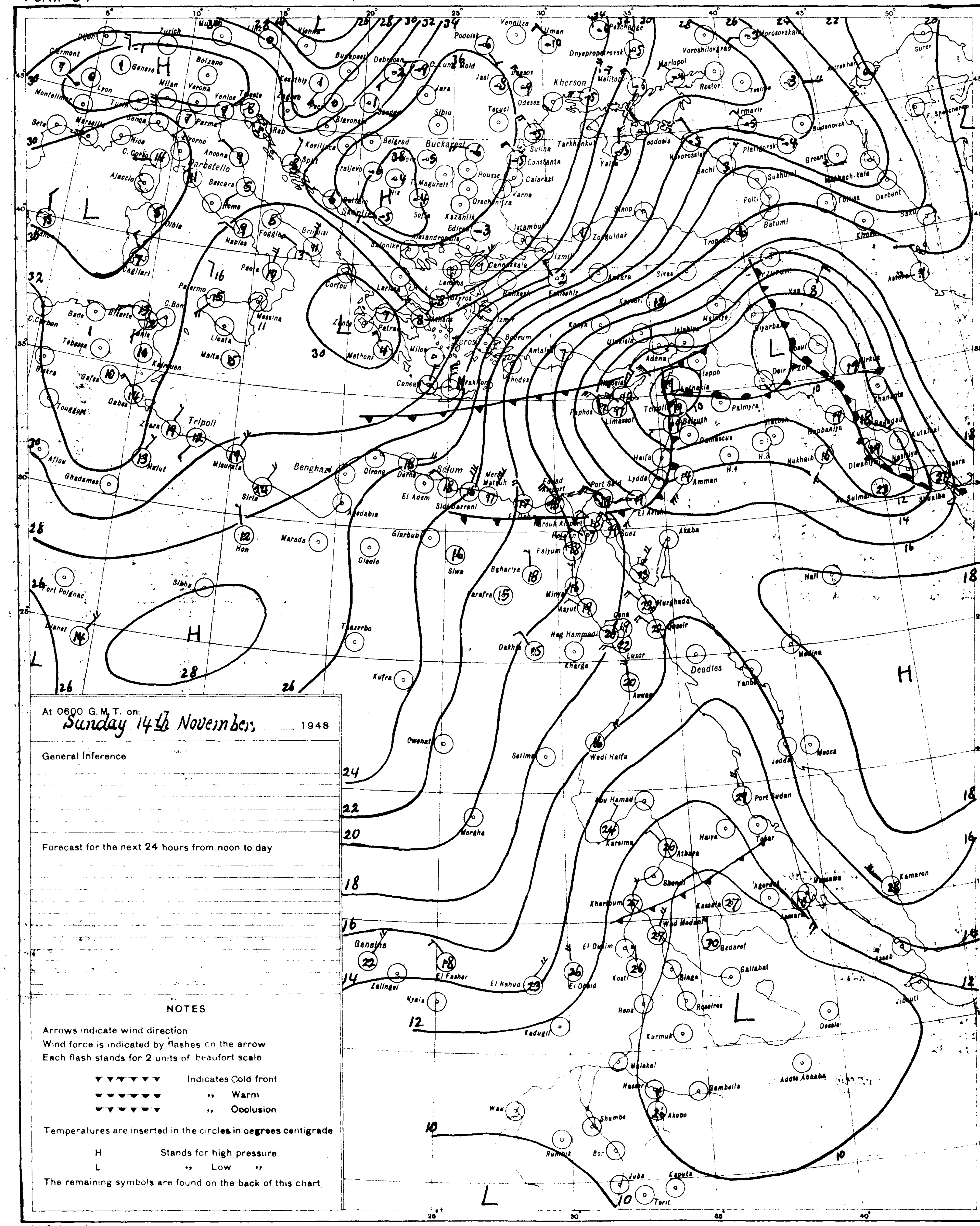
310 13 350 33 280 21 300 15 60 27 320 12 360 14 350 11 350 13 40 10
300 10 340 27 290 23 320 20 70 21 320 21 10 29 360 17 10 8 40 12
280 11 340 38 290 23 320 23 40 16 320 25 360 27 360 17 360 12 20 11
290 15 310 24 60 19 310 36 320 30 340 30 50 3 Ent Cu
290 17 280 23 310 33 Ent St 20 7
300 12 270 33 320 30
290 16
270 48
270 75

9 9 3 15

20 16 10 25 320 24
10 16 10 22 290 39
360 17 360 18 320 33
360 16 360 20
360 28 10 22
ENT. Sc

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: *Sunday 14th November* 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼ Indicates Cold front
●●●●●● ,, Warm
▼●▼●▼● ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 20 G.M.T.

" " Sunset 14 59 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: MONDAY 15th NOVEMBER, 1948.

At 1200 on SUNDAY 14th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARANI	03	8	32	6	2	10	7	24.4	16.1	86	14	0
	160	MATRUH	18	6	02					23	15		0	
	134	EL DABA	18	6	26	4	3	8	9		17.0	52	06	0
	132	ALEXANDRIA	02	9	30	5	2	8	9	19.0	17.0	52	07	0
	150	FOUAD (Airport)	02	7	30	4	2	8	6	18.9	18	46	06	0
	159	DAMIETTA	01	7	26	4	1	7	9	16.6	18.4	52	08	0
	161	PORT SAID	18	6	28	6	3	10	8	16	19	60	11	0
	135	EL ARISH	13	9	20	5	3	10	8	15.5	21.3	52	11	0
Lower Egypt	136	DAMANHUR	02	7	30	6	2	8	8	19.0	17.4	55	08	0
	137	MANSURA	02	7	32	3	2	8	9	17.8	18.8	54	10	0
	138	TANTA	01	8	28	4	1	7	8	18.7	18.8	47	07	0
	139	ZAGAZIG	01	6		3	2	7	8	18.2	19.4	47	07	0
		SHIBIN EL KOM	01	8	28	4	1	5	8	17.5	20.4	44	07	0
		ISMAILIA	02	5	28	4	2	8	6	17.2	20.2	46	08	0
Cairo Area	928	FAROUK (Airport)												
	141	ALMAZA	01	7	26	4	1	5	6	18.3	19.7	38	05	0
		EZBEKIYA	05	5	30	4	1	5	6	18.8	20.1	42	06	0
		GIZA	05	5	30	4	1	5	6	18.7	20.3	46	08	0
	143	HELWAN	18	4	26	7	3	3	8	18.4	19.4	37	04	0
Upper Egypt	153	FAIYUM	18	5	32	4	3	8	9	19.5	21.2	39	06	0
		BENI SUEF	02	8	30	4	0	8	9		21.6	44	09	0
	162	MINYA	01	7	32	5	1	7	6	19	23	38	08	0
	155	ASYUT	01	8	26	1	1	5	2	16.8	23.1	44	10	0
	164	NAG HAMMADI	00	8	28	2	0	0	-	15.8	25.9	40	11	0
	156	QENA	01	8	26	3	1	5	3	14.7	26.4	34	09	0
	157	LUXOR	01	8	01	3	1	5	2	15	28	25	06	0
	158	ASWAN	02	9	32	2	1	8	1	14.6	27.5	30	08	0
Oases	148	SIWA	03	8	30	3	3	10	6	22.8	21.5	39	07	0
	149	BAHARIYA	02	8	32	2	2	9	4	20.6	20.5	48	07	0
		FARAFRA												
	152	DAKHLA												
	151	KHARGA												
Red Sea	144	SUEZ	01	8	28	5	1	5	8	17.0	21.8	39	07	
	145	TOR	01	8	28	5	1	3	1	14.9	24.2	37	08	0
	163	HURGHADA	01	9	30	5	1	3	8,4	15	23	65	16	0
	147	QUSEIR	01	8	32	4	0	3	5	14.3	26.3	56	16	0
	298	PORT SUDAN												
Sudan	[illegible]	WADI HALFA												
	[illegible]	KAREIMA												
	[illegible]	ATBARA												
	[illegible]	KHARTOUM												
	170	KASSALA												
	[illegible]	WAD MEDANI												
	[illegible]	RENK												
		ROSEIRES												
	[illegible]	EL OBEID												
		EL FASHER												
		GENEINA												
		MALAKAL												
		WAU												
		JUBA												

At 1800 on 14th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARANI	03	7	30	4	2	10	6	25.4	15.8	62	09	0
MATRUH	18	6	02	5	1	8	6					
EL DABA	18	5	30	3	3	8	9		16.0	43	03	0
ALEXANDRIA	03	6	26	4	2	9	5	22.0	16.0	50	05	0
FOUAD (Airport)	02	7	32	3	2	10	8	21.9	16	59	08	0
DAMIETTA	50	2	26	4	5	10	9	19.1	17.4	59	09	dw
PORT SAID	01	7	25	5	1	5	8	19	17	56	08	0
EL ARISH	03	9	20	5	2	10	8	16.8	18.6	60	11	0
DAMANHUR	02	6	32	4	2	8	8	21.4	15.0	68	09	0
MANSURA	01	6	28	2	1	5	9	21.0	15.5	61	08	0
TANTA	01	8	24	1	1	5	8	22.0	16.0	60	08	0
ZAGAZIG	02	6	32	2	2	8	8	20.3	17.0	78	13	0
SHIBIN EL KOM	01	7	28	2	2	5	8		18.6	62	12	0
ISMAILIA	01	5	26	1	1	5	5	20.2	16.7	57	08	0
FAROUK (Airport)												
ALMAZA	02	7	28	2	1	10	6	21.6	16.1	55	06	0
EZBEKIYA	02	7	32	2	2	10	8	21.6	16.1	59	08	0
GIZA	02	7	32	2	2	10	8	21.2	15.5	63	09	0
HELWAN	01	6	28	4	1	7	4	21.6	15.6	53	06	0
FAIYUM	02	8	30	1	3	10	9	21.2	16.0	52	06	0
BENI SUEF	00	9	30	2	0	0	-	21.8	16.4	52	06	0
MINYA	00	7	32	4	1	0	-	22	16	49	05	0
ASYUT	01	6	28	2	1	3	1	21.1	18.5	50	08	0
NAG HAMMADI	00	8	28	2	0	0	-	19.1	20.3	51	10	0
QENA	01	6	26	3	1	5	3	18.3	20.3	46	08	0
LUXOR	01	7	30	4	1	7	4	18	21	44	08	0
ASWAN	02	9	32	3	1	8	1	17.1	25.0	34	08	0
SIWA	00	6	32	2	0	0	—	25.6	16.5	69	10	0
BAHARIYA	00	7	32	2	1	0	-	23.5	15.0	49	04	0
FARAFRA	03	7	32	2	2	8	4	24.1	15.8	59	08	0
DAKHLA	02	8	28	3	1	6	5	21.2	19.6	44	07	0
KHARGA	00	7	32	3	0	2	1	21.1	20.2	35	04	0
SUEZ	02		28	3	2	9	8	20.0	17.2	55	08	0
TOR	00	8	28	5	0	0	-	16.3	21.0	34	05	0
HURGHADA	00	8	27	4	0	1	1	16	21	65	14	0
QUSEIR	03	8	32	4	2	9	4	15.9	23.8	57	15	0

At 0600 on MONDAY 15th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Max. Yesterday TxTx	Max. Diff. from norm.	Min. Today TnTn	Min. Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Rainfall Total From Oct. 1	Rainfall Norm. From Oct. 1	Area
SIDI BARANI	02	9	30	3	2	9	7	24.8		16.0	21		15		62	09	0	24		Mediterranean
MATRUH	02	7			2	10	6	24		16			15		52	06	0	5		
EL DABA	02	7	30	4	2	8	9			16.8	20		15		49	06	0	2		
ALEXANDRIA	01	9	30	3	2	7	6	21.9	+3.9	16.6	19	-6	16	-1	48	06	0	6	21	
FOUAD (Airport)	02	7	31	2	2	9	6,4	22.6		17	20		16		52	07	0	8		
DAMIETTA	03	2	18	2	2	10	6	21.2	+4.5	15.8	22		13		76	12	dw	dw	13	
PORT SAID	03	7	31	3	2	10	8,4	21		18	21		15		56	09	dw	dw		
EL ARISH	02	9	20	2	2	8	9	20.6	+3.6	14.3	23	-2	13	0	79	10	3	3	10	
DAMANHUR	00	7	28	2	0	0	-	22.4	+5.5	14.2	25	-1	11	-3	65	08	0	t	10	Lower Egypt
MANSURA	02	7	32	2	2	8	9	22.2	+5.1	15.5	20	-6	13	-1	63	09	0	dw	5	
TANTA	00	8	28	1	1	0	-	22.2	+4.3	13.4	20	-6	8	-5	69	07	0	0	5	
ZAGAZIG	00	6	24	2	0	0	-	21.9	+4.3	14.4	22	-5	10	-3	69	08	0	0	3	
SHIBIN EL KOM	00	7	28	2	0	0	-	22.2	+4.5	12.8	24		10		66	07	0	0		
ISMAILIA	02	5	26	2	2	8	5	21.2		17.0	22		13		52	07	0	0		
FAROUK (Airport)																	0	0		Cairo Area
ALMAZA	00	7	00	0	1	0	-	21.6	+4.1	15	20		11			07	0	0		
EZBEKIYA	00	7	00	0	0	0	-	22.6	+5.1	15.0	21	-5	12	-2	59	07	0	dw	2	
GIZA	00	7	00	0	0	0	-	22.4	+4.8	15.8	21	-5	08	-4	62	09	0	dw	4	
HELWAN	05	6	00	0	0	0	-	22.8	+4.9	12.9	20	-5	11	-4	62	06	0	dw	2	
FAIYUM	00	8	30	1	0	0	-	23.0	+5.5	15.0	22	-5	10	-3	66	09	0	0	0	Upper Egypt
BENI SUEF	00	9	02	1	0	0	-	22.6		14.8	22		9		66	09	0	0		
MINYA	00	7	32	2	0	0	-	22		12	23		7		63	05	0	dw		
ASYUT	00	7	26	1	0	0	-	22.4	+5.0	12.2	24	-3	9	-4	63	05	0	0	0	
NAG HAMMADI	00	8	26	2	0	0	-	20.3	+4.0	15.0	26		11		61	08	0	0		
QENA	01	7	08	2	1	5	3	19.9	+3.7	15.0	29	-1	12	-2	60	07	0	dw		
LUXOR	02	8	30	2	1	10	2	20		15	28		13		59	07	0	dw		
ASWAN	00	9	32	3	0	0	-	19.8	+4.0	15.8	29	-2	14	-3	61	08	0	dw		
SIWA	03	7	04	2	2	10	5	26.0	+7.1	14.5	23	-4	9	-1	65	08	0	0	0	Oases
BAHARIYA	01	8	32	2	1	3	8	23.9	+5.6	12.0	22	-4	8	-4	65	06	0	0	1	
FARAFRA	00	8	30	5	0	0	-	24.8		13.3	23		7		53	04	0	dw		
DAKHLA	01	7	28	2	1	5	6	23.5	+5.7	12.3	25	-4	9	-3	58	04	0	dw		
KHARGA	01	7	02	1	0	5	2	21.5	+4.7	13.0	25	-4	11	-2	58	05	0	0		
SUEZ	00	6	32	3	0	0	-	19.2	+2.5	16.2	24	-3	14	-2	53	06	0	dw	3	Red Sea
TOR	00	9	04	2	0	0	-	19.1	+3.1	18.0	26	0	15	0	41	04	0	0	2	
HURGHADA	00	7	26	4	0	2	4	19		18	24		12		60	10	0	0	1	
QUSEIR																	0	0	1	
PORT SUDAN	02	8	32	3	1	10	8	13		28					70	22	0	18	34	
WADI HALFA																	0	0		Sudan
KAREIMA	00	7	02	5	0	0	-	15		21			18		38	06	0	0	1	
ATBARA	18	6	30	4	3	6	1	12		25			22		45	12	0	dw	2	
KHARTOUM	00	8	20	4	0	0	-			24			23		34	07	0	3	4	
KASSALA	00	8	20	1	0	0	-	9		27			22		45	14	0	2	8	
WAD MEDANI	00	9	32	5	0	0	-	11		25					36	09	0	11	11	
RENK																	0	0	46	
ROSEIRES																	0	0	33	
EL OBEID	00	8	30	4	0	0	-	13		22			18		19	-3	0	0	16	
EL FASHER	00	8	02	2	0	0	-			18					30	0	0	0	6	
GENEINA																	0		4	
MALAKAL	00	8	04	2	0	0	-	11		27			19		40	12	0	75	83	
WAU	02	8	00	0	1	10	8,2	11					19				0	220	138	
JUBA	02	8	18	3	0	10	4	12		26			19		66	19	0	126	114	

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	93-96
" with Duststorm	98
" Heavy, with Hail	99

PAST WEATHER (W)

[illegible]

VISIBILITY (V)

[illegible]

WIND DIRECTION (DD)

32 = N; 16 = South; East; West; 00 = Calm

UPPER AIR OBSERVATIONS on 14th

DD Direction of wind in degrees East of North. VV Velocity in Knots.

14th		
Almaza	46	-20
Ezbekiya	56	-12
Giza	60	-11
Helwan	57	0

GIZA: 15 1h 3.5

Remarks

ALMAZA AEROPLANE ASCENT (no entries)

FAROUK A RECORD — RAWINSONDE on 15th, 3

Pressure mbs.	Height feet	Temp. °C	Humidity %	Wind DD	Wind VV
Surface		12	71	240	5
1000	580	11	65	240	5
950					
900	3440	4	85	350	7
850	4950	0	95	360	14
800	6550	-6	-	320	20
700	10080	-1	-	320	22
600	14190	-8	-	280	35
500	18760	-19	-	280	26
400					
300	30530	-44	-	270	45
250					
200	39860	-58	-		
150					
100					

Height m	MATRUH 13 45 DD	VV	ALMAZA 14 30 DD	VV	MINYA 14 30 DD	VV	BAHARIYA 14 DD	VV	DAKHLA 14 DD	VV
200	360	28	320	21	340	50	350	23	10	10
500	340	20	320	28	340	28	340	25	10	10
1000	340	13	320	28	340	38	340	24	360	10
1500	ENT.Sc.		310	21	330	23	340	30	350	12
2000			ENT.Sc.						ENT.Sc.	

Height m	KHARGA 14 DD	VV	HURGHADA 15 DD	VV	SIDI BARANI 14 DD	VV	ASWAN 15 DD	VV
200	360	23	340	26	360	11	350	24
500	10	27	320	16	350	11	40	8
1000	10	26	320	31	350	13	40	8
1500	350	24	280	19			310	8
2000	310	13					320	10
3000	350	16					290	19
4000	330	17					300	19
5000	300	21					260	22
6000							250	38

UPPER AIR OBSERVATIONS on 15th

DD Direction of wind in degrees East of North. VV Velocity in Knots.

Height m	SIDI BARANI 9 DD	VV	MATRUH 8 DD	VV	FOUAD AIRPORT 9 DD	VV	PORT SAID 4 DD	VV	FAROUK AIRPORT 3 DD	VV	ALMAZA 9 DD	VV	HELWAN 7 15 DD	VV	MINYA 9 DD	VV
200	340	18	350	13	360	13	320	12	310	11	340	12	330	8	350	16
500	340	12	350	14	10	16	350	10	330	10	340	13	350	13	350	22
1000	350	8	340	24	10	18	360	10	350	7	330	7	360	10	360	16
1500			350	14	360	22			360	12	350	8	330	10	350	17
2000			Ent Sc		350	23			320	17			330	18	330	16
3000									310	17					350	8
4000															280	14
5000									280	25						
6000									280	24						

Height m	[illegible] 3 DD	VV	[illegible] 9 DD	VV	[illegible] 8 45 DD	VV
200	340	16	340	10	10	14
500	340	7	360	14	20	13
1000	350	15	20	3	360	14
1500	10	10	130	3	10	24
2000			190	3	360	19
3000			230	22	ENT.Sc.	
4000			230	32		
5000			280	19		

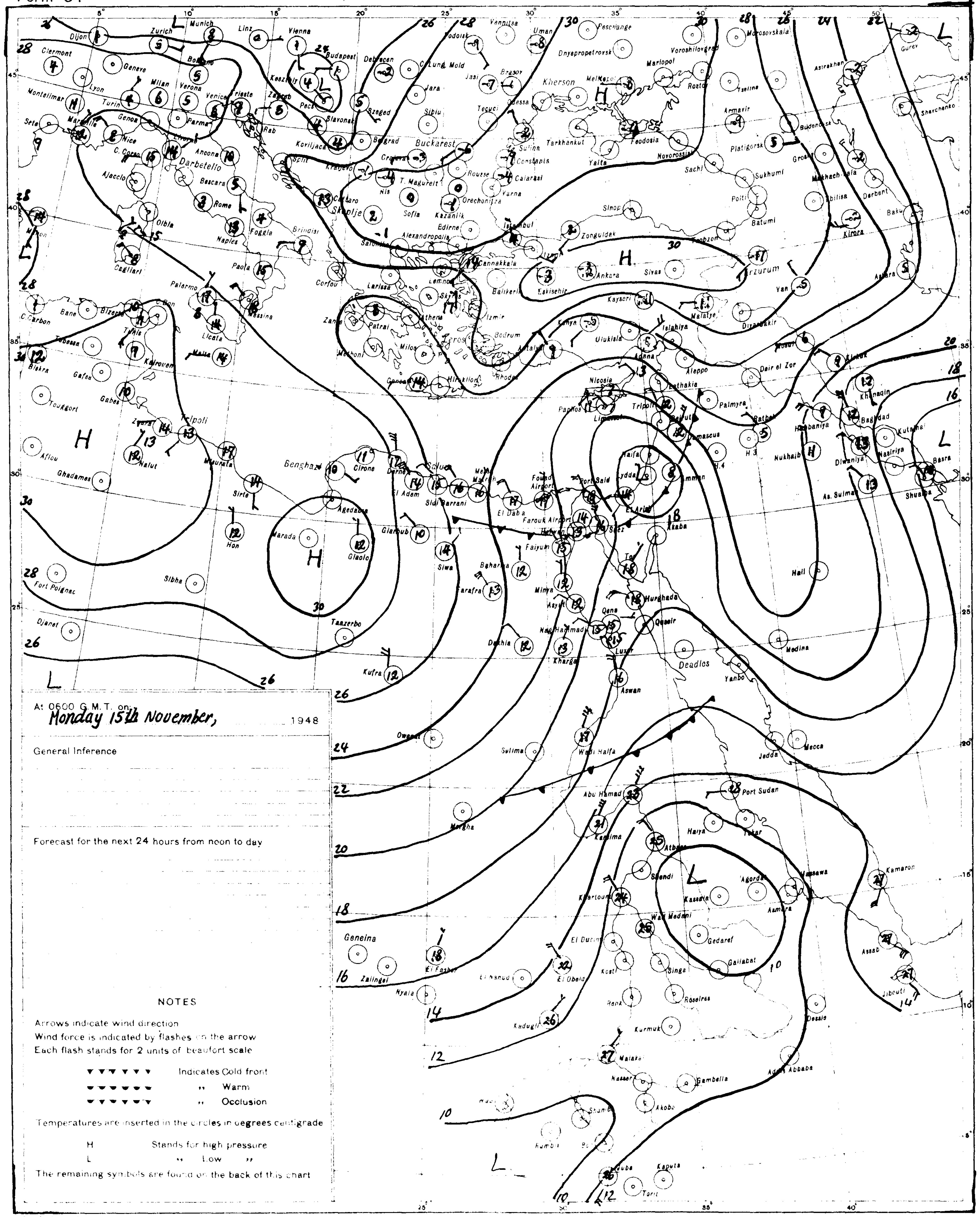
Height m	BAHARIYA 9 DD	VV	DAKHLA 4 45 DD	VV	KHARGA 9 DD	VV	HURGHADA 9 DD	VV
200	360	20	350	11	360	25	330	18
500	360	34	360	6	360	25	320	18
1000	360	46	20	16	360	21	310	23
1500	360	24	ENT.Sc.		20	19	300	7
2000	10	26					270	5
3000							200	12

WADI HALFA, ABU HAMAD, KAREIMA, KHARTOUM: no entries.

KASSALA 3 15 DD	VV	[illegible] 3 30 DD	VV	[illegible] 4 DD	VV
40	15	10	35	10	15
30	17	20	21	40	12
30	9	40	10	40	21
100	13	120	8	50	8
180	15	250	15	360	4

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



S&C S48(48)/55

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 21 G.M.T.
" " Sunset 14 59 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: Tuesday 16th November, 1948.

At 1200 on Monday 15th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
Mediterranean	146	Sidi Barani	01	9	32	2	2	5	8	23.9	18.3	62	11	0
	160	Matruh	01	8	03	4	2	7	6	24	19	52	9	0
	134	El Daba	02	6	26	3	2	8	9	21.8	18.0	47	6	0
	132	Alexandria	02	9	28	4	2	8	7,5	21.2	17.2	57	8	0
	150	Fouad (Airport)	02	7	02	3	2	9	6	22	18	52	8	0
	159	Damietta	01	8	28	2	1	7	6	20.6	19.0	61	11	0
	161	Port Said	02	7	32	3	2	10	6,4	21	18	52	8	0
	135	El Arish	02	9	28	4	5	8	9	19.4	18.2	61	10	Dr.
Lower Egypt	136	Damanhur	02	7	02	3	2	8	8	21.8	17.8	55	9	0
	137	Mansura	02	7	32	2	2	8	6	21.4	19.8	55	11	0
	138	Tanta	01	8	30	4	1	5	8	21.1	20.0	40	6	0
	139	Zagazig	01	6	28	2	2	5	8	20.3	20.0	47	8	0
		Shibin El Kom	01	8	28	3	1	5	8	21.0	20.9	39	6	0
		Ismailia	02	6	32	1	2	8	5	20.4	20.0	42	7	0
Cairo Area	928	Farouk (Airport)	03	8	32	2	2	10	8,6	20	19	56	10	0
	141	Almaza	0	·	30	2	1	5	6	20.9	19.8	38	4	0
		Ezbekiya	02	8	32	1	2	9	6	21.1	19.5	47	8	0
		Giza	02	8	32	1	2	9	6	21.0	20.0	41	6	0
	143	Helwan	01	8	30	3	1	7	8	20.6	19.6	43	7	0
Upper Egypt	153	Faiyum	01	8	32	3	1	3	8	21.0	20.5	38	5	0
		Beni Suef	00	9	30	3	0	0	–	20.7	21.4	40	7	0
	162	Minya	00	8	01	5	0	0	–	20	21	33	4	0
	155	Asyut	00	8	25	2	0	0	–	19.6	20.0	40	6	0
	164	Nag Hammadi	00	8	24	1	0	0	–	18.4	24.0	36	8	0
	156	Qena	01	8	26	2	1	5	3	17.6	20.0	46	8	0
	157	Luxor	02	8	32	2	2	8	2	17	21	33	4	0
	158	Aswan	01	9	32	3	1	3	1	16.7	22.5	44	9	0
Western Desert	148	Siwa	02	8	28	3	1	9	4	25.2	19.8	49	9	0
	149	Bahariya	01	8	32	2	1	3	4	21.8	20.0	40	6	0
		Farafra												
	152	Dakhla	00	8	30	5	0	0	–	20.5	19.3	32	2	0
	151	Kharga	00	8	32	2	0	0	–	19.4	20.1	26	0	0
Red Sea	144	Suez	01	8	32	2	1	7	8	18.8	19.8	46	8	0
	145	Tor	00	9	28	5	0	0	–	18.5	22.0	50	12	0
	163	Hurghada	00	9	30	4	0	2	2	18	21	61	13	0
	147	Quseir	01	8	32	4	1	3	2	17.2	22.0	52	12	0
	208	Port Sudan	01	8	06	4	1	5	8,2	11	31	59	22	0
Sudan	165	Wadi Halfa												
		Kareima	00	7	32	3	2	1	2	11			12	0
		Atbara	00	7	32	3	0	2	8,2	9	34	30	14	0
		Khartum	00	8	22	3	0	0	–		34	30	14	0
		Kassala	00	8	02	1	0	0	–	4	37	24	13	0
		Wad Medani	00	8	32	2	0	0	–	5	36	22	11	0
		Renk	00	9	30	3	0	0	–					
		Roseires	00	8	28	2	0	0	–	7	37	24	13	
		El Obeid	00	8	32	3	0	0	–	9				0
		El Fasher	01	8	02	4	1	5	2		29	22	5	0
		Geneina												
		Malakal	01	8	08	2	1	3	1	6	37	24	13	0
		Wau	02	8	04	2	1	10	8,2	5	35	23	11	0
		Juba	01	8	08	2	1	5	8,1	3	35	30	15	0

At 1800 on Monday 15th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
Sidi Barani	03	6	02	1	1	10	7	24.3	17.1	79	13	0
Matruh	02	7	23	1	1	8	8	24	15	68	9	0
El Daba	02	7	32	1	2	8	8		17.0	61	9	0
Alexandria	02	6	32	3	2	9	7,5	23.3	17.7	54	9	0
Fouad (Airport)	01	7	30	3	2	5	6	22.8	17	56	8	0
Damietta	01		26	2	1	3	6	21.9	15.8	64	9	0
Port Said	01	7	26	3	2	7	6,4	22	17	64	10	0
El Arish	03	9	16	2	5	10	9	20.7	15.8	82	13	Dr.
Damanhur	01	6	32	3	1	3	8	22.4	15.0	68	9	0
Mansura	00	6	28	2	1	0	–	23.0	14.8	68	9	0
Tanta	01	8	00	0	1	7	8	23.3	13.0	83	10	0
Zagazig	00	6	32	2	0	0	–	22.3	14.0	78	10	0
Shibin El Kom	00	7	28	2	1	1	8	21.2	17.4	73	12	0
Ismailia	01	6	30	1	1	5	4	21.8	16.0	59	8	0
Farouk (Airport)	02	7	32	2	1	9	6	21	17	64	10	0
Almaza	01	7	30	2	1	3	6	21.8	15.5	54	6	0
Ezbekiya	00	7	00	0	0	2	8	22.8	15.1	67	9	0
Giza	00	7	00	0	0	2	8	22.0	17.0	62	10	0
Helwan	00	7	32	3	0	tr.	6	22.4	15.8	55	7	0
Faiyum	00	8	32	1	1	0	–	22.0	16.1	59	8	0
Beni Suef	00	9	02	1	0	0	–	22.4	14.3	68	8	0
Minya	00	7	32	2	0	0	–	21	14	55	5	0
Asyut	00	6	26	1	0	0	–	21.0	16.7	46	5	0
Nag Hammadi	00	8	00	0	0	0	–	18.6	16.0	64	9	0
Qena	01	6	24	2	1	3	1	17.6	16.9	63	10	0
Luxor	00	7	00	0	0	0	–	18	15	48	4	0
Aswan	00	9	32	3	0	0	–	17.5	20.0	46	8	0
Siwa	00	6	00	0	0	0	–	26.2	14.4	65	8	0
Bahariya	01	7	32	2	1	3	4	23.0	15.0	58	7	0
Farafra	00	7	32	4	0	0	–	24.0	12.9	56	4	0
Dakhla	00	8	28	4	0	0	–	20.9	16.4	39	2	0
Kharga	00	7	32	1	0	0	–	21.4	18.2	37	3	0
Suez	00		32	2	0	0	–	20.8	16.9	61	9	0
Tor	00	8	28	4	0	0	–	17.9	20.1	38	5	0
Hurghada	00	8	28	4	0	0	–	18	20	56	11	0
Quseir	00	6	28	4	0	0	–	17.9	20.3	54	10	0
Port Sudan												
Wadi Halfa												
Kareima	00	7	30	4	0	0	–	13	24	30	5	0
Atbara	00	7	30	3	0	0	–	10				0
Khartum	00	8	30	3	0	0	–	11	28	40	13	0
Kassala												
Wad Medani												
Renk												
Roseires												
El Obeid	01	8	30	3	0	5	2	12	25	22	2	0
El Fasher	01	8	06	2	1	3	1		24	19	-1	0
Geneina	01	8	04	3	0	5	4					0
Malakal	02	8	18	2	1	10	4	8	26	62	18	0
Wau	02	8	00	0	1	10	4,2	9	27	35	10	0
Juba												

At 0600 on Tuesday 16th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Maximum Yesterday TxTx	Max. Diff. from norm.	Minimum Today TnTn	Min. Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	Station	Area
Sidi Barani	01	9	14	1	5	5	7	23.5		16.1	19		12		88	14	tr.	24		Sidi Barani	Mediterranean
Matruh	02	7	24	2	2	10	8,4	24		14	20		13		82	11	tr.	6		Matruh	
El Daba	02	7	32	2	2	8	9			18.3	19		15		53	8	0	2		El Daba	
Alexandria	01	7	32	2		7	5,4	22.4	+4.4	18.0	19	-6	18	+1	55	9	0	6	22	Alexandria	
Fouad (Airport)	02	7	28	3	2	9	8	22.4		18	19		17		52	8	0	9		Fouad (Airport)	
Damietta	02	9	18	2	2	8	6,4	21.5	+4.8	14.8	19		12		85	13	0	Dr.	14	Damietta	
Port Said	02	7	24	3	2	9	6,4	21		16	19		15		77	12	0	Dr.		Port Said	
El Arish	01	9	12	4	1	7	9	21.5	+4.4	13.8	21	-3	11	-2	72	9	Dr.	3	10	El Arish	
Damanhur	03	5	28	2	2	10	5	23.0	+5.0	14.2	21	-5	12	-2	78	10	0	tr.	10	Damanhur	Lower Egypt
Mansura	01	8	24	1	1	5	6	22.3	+5.2	15.0	22	-4	11	-3	76	11	0	Dr.	6	Mansura	
Tanta	01	8	00	0	1	7	8	22.7	+4.7	13.0	21	-5	8	-5	89	11	0	0	5	Tanta	
Zagazig	02	6	24	2	2	8	8	22.3	+4.7	12.4	22	-4	10	-3	82	9	0	0	3	Zagazig	
Shibin El Kom	00	7	30	2	0	0	–	21.5	+3.8	14.2	22		11		64	7	0	0		Shibin El Kom	
Ismailia	01	6	22	1	1	5	5	21.6		15.5	21		10		65	9	0	0		Ismailia	
Farouk (Airport)	00	7	00	0	1	2	6	22		13	21		11		67	7	0	0		Farouk (Airport)	Cairo Area
Almaza	01	7	24	1	0	5		22.9	+5.4	15.5	20		10		59	8	0	0		Almaza	
Ezbekiya	00	7	00	0	0	2	4	23.2	+5.7	13.7	21	-5	11	-3	71	9	0	Dr.	3	Ezbekiya	
Giza	00	7	00	0	0	2	4	22.4	+4.8	14.7	22	-4	7	-5	73	10	0	Dr.	4	Giza	
Helwan	09	6	00	0	0	1	4	22.8	+4.8	12.2	20	-5	9	-6	83	9	0	Dr.	2	Helwan	
Faiyum	00	8	32	2	0	0	–	23.4	+5.9	13.5	21	-6	10	-3	77	10	0	0	0	Faiyum	Upper Egypt
Beni Suef	00	9	02	1	0	0	–	22.8		14.6	22		8		75	11	0	0		Beni Suef	
Minya	00	7	32	2	0	0	–	22		13	21		9		67	7	0	Dr.		Minya	
Asyut	00	7	23	1	0	0	–	21.9	+4.4	14.0	21	-5	11	-2	67	8	0	0	0	Asyut	
Nag Hammadi																				Nag Hammadi	
Qena	00	7	24	2	0	0	–	17.5	+3.2	14.6	22	-8	10	-3	70	10	0	Dr.		Qena	
Luxor	00	8	18	1	0	0	–	19		16	22		8		59	8	0	Dr.		Luxor	
Aswan	00	9	32	4	0	0	–	18.7	+2.8	15.3	24	-7	13	-3	61	8	0	Dr.		Aswan	
Siwa	00	7	00	0	0	0	–	24.8	+5.9	12.5	22	-5	9	-1	71	7	0	0	0	Siwa	Western Desert
Bahariya	01	7	32	1	1	3	4	23.9	+5.6	13.0	20	-6	6	-5	77	9	0	0	1	Bahariya	
Farafra	00	8	04	2	0	0	–	23.6		11.8	20		10		73	7	0	Dr.		Farafra	
Dakhla	00	8	28	2	0	0	–	22.0	+4.1	13.7	20	-8	10	-2	60	6	0	Dr.	0	Dakhla	
Kharga	00	7	32	1	0	0	–	21.8	+4.9	15.2	21	-8	11	-2	57	7	0	0	0	Kharga	
Suez	00	7	04	2	0	0	–	21.8	+5.1	13.2	22	-5	9	-6	73	8	0	0r	4	Suez	Red Sea
Tor	00	9	04	1	0	0	–	18.6	+2.9	18.8	22	-4	12	-3			0	0	2	Tor	
Hurghada	00	9	25	2	0	tr.	8	19		17	21		12		56	8	0	0		Hurghada	
Quseir	00	8	32	4	0	0	–	17.5	+2.0	20.2	23	-5	17	-3	46	8	0	0	1	Quseir	
Port Sudan	01	8	30	4	1	5	6	14		27					74	22	0	18	35	Port Sudan	
Wadi Halfa																		0		Wadi Halfa	Sudan
Kareima											31							0	1	Kareima	
Atbara											34							Dr.	2	Atbara	
Khartum	00	7	28	4	1	2		14		20	34				43	7	0	3	4	Khartum	
Kassala																		2	8	Kassala	
Wad Medani																		11	11	Wad Medani	
Renk																		0	46	Renk	
Roseires																		0	34	Roseires	
El Obeid	00	9	30	4	0	0	–	18		18	33				30	0	0	0	16	El Obeid	
El Fasher	00	8	02	2	0	tr.	1			21	31				26	1	0	0	6	El Fasher	
Geneina	01	7	04	5	1	5	4									0	0	0	4	Geneina	
Malakal											34							75	83	Malakal	
Wau											36							220	138	Wau	
Juba																	2	128	115	Juba	

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	92
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

[illegible]

Humidity

Mean ...

15th		
Alexandria	47	-19
Ezbekiya	56	-12
Giza	57	-14
Aswan	53	-4

GIZA

18th ... 2.7

Remarks

ALMAZA

FAROUK AIRPORT

16th ... 3

Pressure	Height Feet	Temp. °C	Hum. %	Wind
Surface		11	68	Calm
1000	580	11	75	Calm
900	3440	6	85	350 16
850	4980	4	75	360 17
800	6580	4	–	360 15
700	10120	-1	–	300 16
600	14050	-10	–	270 21
500	18590	-20	–	270 31
400		-35		

UPPER AIR OBSERVATIONS on 15th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Height	Sidi Barani 14	Matruh 14	Fouad A.P. 15	Port Said 14	Minya A.P. 14 30
200	300 3	350 9	310 15	330 7	350 31
500	280 4	360 5	300 11	340 5	360 31
1000	320 8	360 13	300 18	330 8	360 26
1500	330 16	20 11	300 18	340 4	10 14
2000	330 23		310 17		360 17
3000	340 27				330 14

Height	Dakhla 14	Kharga 14	Hurghada 15	Balonie 14
1	350 28	360 19	330 19	10 23
2	350 30	360 23	340 22	10 16
3	350 34	360 23	330 16	10 21
4	360 23	350 17	310 13	10 28
5		360 11	190 26	10 27
6		340 9	290 12	10 26
7				340 14
8				330 17
9				330 17

UPPER AIR OBSERVATIONS on 16th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Height	Sidi Barani 9	Matruh 8	Fouad Airport 3	Port Said 4	Farouk Airport 3	Almaza 3 30	Helwan 7	Minya 3	Asyut A.P. 7 45	9 15	Aswan 9	8 45
200	20 8	10 9	340 12	290 16	360 9	330 7	330 8	10 26	360 18	360 2	360 22	300 13
500	10 8	360 10	330 15	290 9	360 12	340 17	360 18	10 31	360 20	350 4	360 5	320 13
1000	10 9	360 7	330 19	340 8	350 12	350 20	350 20	10 33	360 25	70 1	230 5	330 12
1500	330 10	entered Se.			360 14	350 24	350 20	20 42	10 25	330 4	150 5	340 13
2000	330 19				350 15			10 31	320 10	40 1	210 14	360 15
3000	330 17				300 14				320 11	200 7	220 27	
4000	330 24				270 19				270 10		240 27	
5000	330 14				270 24				250 15		240 35	
6000					260 38							

Height	Dakhla 9	Kharga 9	Hurghada 8 15	Kassala 3 45	4 15
1	10 18	10 27	320 16		
2	20 15	10 21	320 29	170 4	
3	40 14	10 19	320 19	40 6	20 12
4	30 23	20 20	330 22	40 13	30 11
5	20 43	10 15	300 11	20 9	70 4
6			200 5	340 4	310 10
7				270 3	290 11
8					170 7
9				170 16	130 4
10				140 5	

... M T

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on Tuesday 16th November, 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of Beaufort scale

▼▼▼▼▼▼ Indicates Cold front
▬▬▬▬▬▬ ,, Warm
▬▼▬▼▬▼ ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 22 G.M.T.
" " Sunset 14 58 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: Wednesday 17th November, 1948.

At 1200 on Tuesday 16th

Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
146	SIDI BARANI	01	9	02	2	1	5	7	22.6	19.5	62	13	0
160	MATRUH	02	8	03	3	2	10	6	22	20	46	8	0
134	EL DABA	21	7	32	2	5	8	9	22.0	18.8			Dr.
132	ALEXANDRIA	02	9	32	3	2	9	7	21.0	18.8	51	9	0
150	FOUAD (Airport)	02	7	02	3	2	9	6	21	19	49	8	0
159	DAMIETTA	01	8	30	2	1	3	4	19.8	19.0	52	9	0
161	PORT SAID	01	7	30	4	0	3	6,4	20	19	49	8	0
135	EL ARISH	01	9	28	3	5	5	8	19.5	20.8	57	12	Dr.
136	DAMANHUR	02	7	02	3	2	8	5	21.4	19.4	42	6	0
137	MANSURA	02	7	32	2	2	8	6	20.8	19.5	55	11	0
138	TANTA	03	7	28	3	2	10	7	20.8	20.0	47	8	0
139	ZAGAZIG	02	6	24	2	2	8	8	20.7	20.2	55	11	0
	SHIBIN EL KOM	02	8	28	3	2	8	8	20.2	20.2	51	10	0
	ISMAILIA	02	6	32	3	2	8	6	19.6	20.0	47	8	0
628	FAROUK (Airport)	03	8	32	3	2	10	8	20	19	56	10	0
141	ALMAZA	01	8	02	2	1	5	6	20.3	20.3	42	7	0
	EZBEKIYA	01	8	30	2	2	7	6	20.7	20.5	42	7	0
	GIZA	01	8	30	2	2	7	6	20.3	21.4	39	6	0
143	HELWAN	02	8	28	3	2	9	8	20.3	18.9	42	6	
	FAIYUM	02	8	32	3	2	8	6	20.2	21.5	46	10	0
	BENI SUEF	01	9	02	2	0	5	9	20.2	21.4	40	7	0
162	MINYA	01	8	01	5	0	5	8	20	21	41	7	0
155	ASYUT	00	8	26	2	0	0	–	19.0	20.2	47	8	0
164	NAG HAMMADI	00	8	28	2	0	0	–	16.0	24.7	32	7	0
156	QENA	00	8	24	2	0	0	–	15.6	22.2	42	8	0
157	LUXOR	00	8	28	2	0	0	–	16	24	32	6	0
158	ASWAN	02	9	32	3	1	8	1	15.0	23.8	33	6	0
	SIWA	00	8	21	2	0	0	–	23.0	23.2	52	13	0
149	BAHARIYA	02	8	32	2	1	8	4	21.4	19.0	51	9	0
	FARAFRA												
152	DAKHLA	00	9	32	5	0	0	1	19.6	21.0	33	4	0
	KHARGA	05	6	32	5	0	0	–	19.4	21.9	32	4	0
144	SUEZ	01	8	32	2	1	5	8	19.1	20.6	50	10	0
145	TOR	01	8	28	5	1	3		16.0	22.0	50	11	0
	HURGHADA	00	9	30	6	0	0	–	16	21	61	13	0
	QUSEIR												
	PORT SUDAN												
	WADI HALFA												
	KAREIMA												
	ATBARA												
	KHARTOUM												
	KASSALA												
	WAD MEDANI												
	RENK												
	[illegible]												
	EL OBEID												
	EL FASHER												
	GENEINA												
	MALAKAL												
	WAU												
	JUBA												

At 1800 on Tuesday 16th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARANI	01	8	30	1	1	5	7	23.4	18.0	73	13	0
MATRUH	01	7	02	2	2	5	6,4	23	17	60	9	0
EL DABA	02	6	30	2	2	8	9		18.0	57	9	0
ALEXANDRIA	01	6	32	4	2	7	5,4	22.0	17.7	59	10	0
FOUAD (Airport)	03	7	31	3	2	10	8	21.7	18	52	8	0
DAMIETTA	01		28	2	1	7	5	20.4	18.0	62	12	0
PORT SAID	01	7	30	3	0	5	6,4	21	18	52	8	0
EL ARISH	00	9	28	3	0	1	8	19.6	16.8	78	13	0
DAMANHUR	02	6					8	21.6	16.7	61	9	0
MANSURA	02	6	32	2	2	8	6	21.8	17.0	72	12	0
TANTA	01	8	00	0	1	5	8	21.9	16.6	80	14	0
ZAGAZIG	02	6	24	2	2	8	8	21.2	17.4	70	12	0
SHIBIN EL KOM	01	7	30	2	1	3	8	21.0	17.6	67	12	0
ISMAILIA	01	9	32	1	1	3	5	21.1	16.4	65	7	0
FAROUK (Airport)	02	7	32	2	1	9	6	21	17	64	10	0
ALMAZA	01	7	32	2	1	7	6	21.4	17.0	61	9	0
EZBEKIYA	02	7	00	0	2	9	6	21.6	17.0	64	10	0
GIZA	02	7	00	0	2	9	6	21.8	15.8	74	11	0
HELWAN	03	7	30	2	2	10	4	21.5	17.8	58	10	0
FAIYUM	01	8	00	0	1	3	6	21.2	16.2	67	10	0
BENI SUEF	00	9	02	1	0	0	–	21.2	15.8	65	9	0
MINYA	00	7	32	2	1	0	–	21	14	59	6	0
ASYUT	00	6	28	1	0	0	–	20.4	17.2	50	6	0
NAG HAMMADI	00	8	26	1	0	0	–	17.8	15.6	73	11	0
QENA	00	6	24	2	0	0	–	16.6	18.0	48	7	0
LUXOR	00	7	00	0	0	0	–	17	16	52	6	0
ASWAN	00	9	32	3	0	0	–	16.8	20.8	51	10	0
SIWA	00	6	00	0	0	0	–	22.8	18.4	52	8	0
BAHARIYA	02	7	32	1	2	9	6	21.9	17.0	61	9	0
FARAFRA	00	9	32	1	0	0	–	22.8	14.0	61	6	0
DAKHLA	00	8	28	3	0	0	–	20.5	16.3	48	5	0
KHARGA	00	7	32	1	0	0	–	20.3	17.0	45	5	0
SUEZ	00		32	3	0	1	8	20.6	17.9	53	8	0
TOR	00	8	28	4	0	0	–	17.7	20.8	37	6	0
HURGHADA	00	8	29	5	0	0	–	17	20	56	11	0
QUSEIR	00	8	30	4	0	0	–	16.0	21.0	57	12	0

At 0600 on Wednesday 17th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb TT	Maximum Yesterday TxTx	Diff. from norm.	Minimum Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1
SIDI BARANI	01	9	18	3	1	3	7	23.6		15.1	20		11		84	12		24	
MATRUH	01	7	26	2	0	5	6	24		15	21		14		72	10	Dr.	6	
EL DABA	02	7	32	2	2	8	8	22.2		20.2	21		16		53	10	Dr.	2	
ALEXANDRIA	01	9	32	3	2	5	8	22.6	+4.5	18.8	21	-4	17	0	53	9	0	6	23
FOUAD (Airport)	01	8	02	3	1	5	8	22.6		19	21		17		49	8	0	8	
DAMIETTA	01			2	1	3	8	20.6	+3.8	16.2	21		12		77	12	0	Dr.	14
PORT SAID	00	7	26	2	0	2	6	21		18	20		16		73	13	0	Dr.	
EL ARISH	02	9	20	3	2	8	6	20.4	+3.3	15.8	21	-4	12	-1	73	11	Dr.	3	11
DAMANHUR	01	6	32	2	1	3	8	21.9	+3.9	15.0	21	-5	11	-3	76	11	0	tr.	10
MANSURA	01	7	24	1	1	3	6	21.6	+4.4	15.0	21	-5	14	0	81	12	0	Dr.	6
TANTA	01	8	00	0	1	3	8	21.5	+3.5	13.0	20	-6	9	-3	89	11	0	0	5
ZAGAZIG	00	6		2	0	0	–	22.2	+4.5	16.4	24	-2	12	0	73	11	0	0	4
SHIBIN EL KOM	00	7	22	2	0	0	–	22.0	+4.2	15.4	23		12		72	10	0	0	
ISMAILIA	00	6	26	1	0	0	–	21.4		16.0	24		11		66	10	0	0	
FAROUK (Airport)	00	7	00	0	1	0	–	22		16	21		13		68	10	0	0	
ALMAZA	00	7	00	0	0	0	–	21.6	+4.0	15.9	20		12		67	10	0	0	
EZBEKIYA	00	7	00	0	0	0	–	22.2	+4.6	14.5	22	-4	13	-1	77	10	0	Dr.	3
GIZA	00	7	00	0	0	0	–	22.2	+4.6	15.4	22	-3	10	-2	70	10	0	Dr.	4
HELWAN	00	6	00	0	0	0	–	22.3	+4.3	14.4	20	-5	12	-2	74	9	0	Dr.	2
FAIYUM	00	8	00	0	0	0	–	22.8	+5.2	14.7	22	-5	11	-2	73	10	0	0	0
BENI SUEF	00	9	02	1	0	0	–	22.2		14.3	22		8		74	9	0	0	
MINYA	00	7	31	2	0	0	–	22		13	22		8		72	8	0	Dr.	
ASYUT	00	7	20	1	0	0	–	21.9	+4.3	13.2	21	-5	11	-2	75	9	0	0	1
NAG HAMMADI	00	8	00	0	0	0	–	19.8	+3.4	16.3	25		8		66	10	0	0	
QENA	00	7	24	2	0	0	–	19.6	+3.2	14.4	24	-6	11	-2	74	9	0	Dr.	
LUXOR	00	8	00	0	0	0	–	19		16	25		8		68	10	0	Dr.	
ASWAN	02	9	32	3	1	8	4	19.6	+3.6	15.4	25	-5	14	-2			0	Dr.	
SIWA	00	7	00	0	0	0	–	24.7	+5.8	13	24	-2	8	-2	72	8	0	0	0
BAHARIYA	00	8	32	1	0	0	–	23.4	+5.0	11.8	20	-6	8	-3	73	7	0	0	1
FARAFRA	00	8	30	5	0	0	–	24.2		14.0	21		9		69	8	0	Dr.	
DAKHLA	00	8	28	2	0	0	–	22.3	+4.4	13.6	22	-6	11	-1	63	7	0	Dr.	
KHARGA	00	7	02	1	0	0	–	22.2	+5.3	15.8	23	-6	10	-3	58	8	0	0	
SUEZ	00	7	32	2	0	0	–	21.0	+4.2	13.8	23	-3	10	-5	78	10	0	Dr.	4
TOR	00	9	04	1	0	0	–	18.7	+3.0	16.5	23	-3	11	-3	56	8	0	0	2
HURGHADA	00	9	26	3	0	tr	8				21		13			10		0	
QUSEIR	00	8	30	4	0	0	–	17.8	+2.2	20.4	24	-3	16	-4	48	9	0	0	2
PORT SUDAN	01	8	30	4	1	7	6,4	14		27					70	21	0	18	37
WADI HALFA																	0	0	
KAREIMA	01	8	30	3	1	3	1	17		18					34	2	0	0	1
ATBARA	00	7	28	3	0	1	2	13		23					44	10	0	Dr.	2
KHARTOUM	00	8	30	4	0	0	–	14		23					27	3	0	3	4
KASSALA	00	8						11		27							0	2	8
WAD MEDANI																		11	12
RENK																		0	47
[illegible]																		0	34
EL OBEID	00	8	30	4	0	0	–	16		18					24	-3	0	0	16
EL FASHER																		0	6
GENEINA	01	8	02	4	1	7	2			16					30	-2	0		4
MALAKAL																		75	84
WAU																		220	139
JUBA																		128	116

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mist Fog in last hour	41
[illegible]	42
Fog in patches	49
Drizzle	50-59
Rain	60-69

UPPER AIR OBSERVATIONS 16th

(Direction of wind in degrees East of North)

16th

53	-13
60	-8
67	-4
65	+8

17th 4.8

ALMAZA

FAROUK AIRPORT — 17th 3

	14	75	290	3
590	14	75	290	3
3510	8	75	360	16
5060	7	85	360	19
6690		45	350	16
10280	2	45	290	21
14310	-5		260	30
18950	-14		270	32
	-25			

S.Barrani 14	Matruh 13 45	Fouad A.P. 15	Port Said 14	Minya Ap. 1430	Aswan 15	Siwa 15
340 8	340 14	320 9	320 10	10 23	360 24	310 10
350 8	360 11	310 10	320 12	360 31	350 22	330 7
350 9	350 13	330 11	310 16	360 25	350 22	350 10
340 16	330 16	300 11	170 5	350 25	220 10	Ent SC.
330 17	Ent Cu	300 16	250 6	320 31	260 16	
330 16			280 12	310 54		
					210 19	
					240 14	

Baharia 14	Dakhla 14	Kharga 14	Almaza 14	Hurghada 14 45
360 18	20 16	10 14	330 3	340 28
360 17	20 18	10 12	350 6	320 10
360 16	360 16	360 17	Ent Sc.	
360 19	10 22	360 17		
360 20		330 10		270 8
Ent Sc				

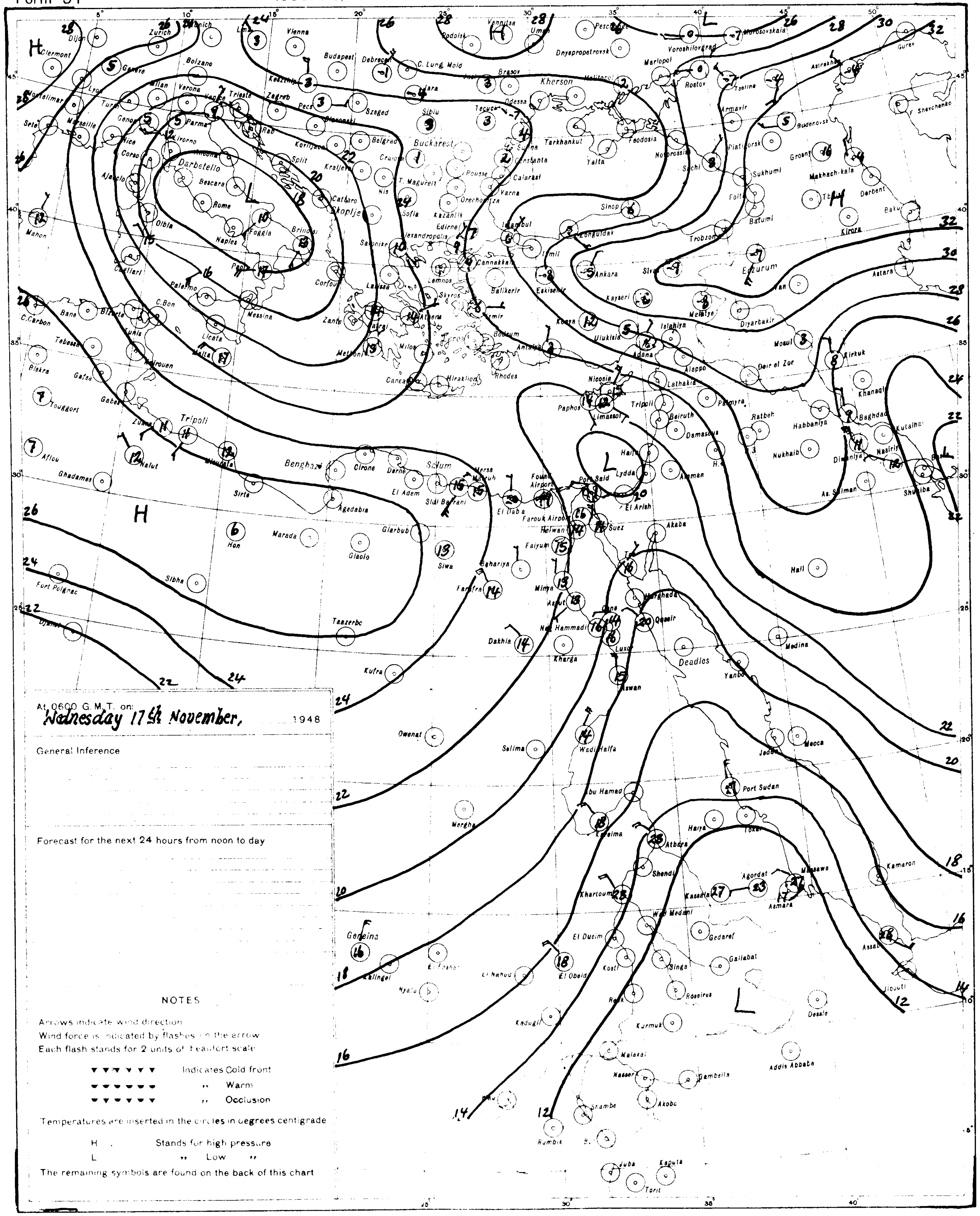
UPPER AIR OBSERVATIONS 17th

9	7 45	3 30	4	3	3 30	7 15	3	8 30	5 15	9	9
270 12	10 9	320 12	310 16	330 8	330 7	360 5	360 19	350 13	310 5	360 10	30 6
280 10	360 9	350 10	320 17	360 14	340 17	360 12	360 27	360 21	340 12	360 10	50 9
290 8	360 12	350 12	320 14	360 14	350 20	10 20	360 22	360 24	330 15	10 5	50 10
	340 16	340 11	260 3	360 15	350 24	10 19	360 23	360 25	310 6	290 5	360 9
350 14		Ent. Cu	10 3	350 14			10 23		280 6	100 5	50 19
Ent Cu				300 17			10 25		220 3	210 27	40 21
				270 27					310 13	220 24	360 21
				260 31					220 28	240 22	40 23
				270 31						230 35	

9	9	9	3 45
360 27	350 24	20 13	330 27
360 31	360 20	20 15	330 35
350 31	360 34	10 28	340 12
340 24	20 15	20 20	220 6
Ent.Cu.	360 41	350 7	200 13

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: Wednesday 17th November, 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of Beaufort scale

▼▼▼▼▼▼ Indicates Cold front
▼▼▼▼▼▼ ,, Warm
▼▼▼▼▼▼ ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

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

The remaining symbols are found on the back of this chart

S.C.S. 9481/48/851

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 22 G.M.T.

" " Sunset 14 58 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: Thursday 18th November, 1948.

At 1200 on Wednesday 17th

Index	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
146	Sidi Barani	01	9	26	3	1	5	9	23.3	21.0	73	16	0
160	Matruh	01	8	02	2	1	6	6	23	22	44	9	0
134	El Daba	02	8	28	1	2	8	8	22.2	20.4	56	11	0
132	Alexandria	01	9	30	3	2	5	8	22.0	20.0	53	10	0
150	Fouad (Airport)	01	8	32	3	0	5	6	21.8	21	50	10	0
159	Damietta	20	5	30	3	5	9	9	20.3	19.5	70	14	Dr.
161	Port Said	00	8	31	3	0	1	8	20	20	60	12	0
135	El Arish	01	9	28	4	1	3	8	19.4	21.1	58	12	0
136	Damanhur	01	7	04	3	1	5	8	21.9	21.0	49	10	0
137	Mansura	01	8	32	2	5	5	8	21.0	21.0	61	13	Dr.
138	Tanta	01	8	28	3	1	5	8	21.0	21.3	55	12	0
139	Zagazig	01	6	24	3	1	5	7	21.8	21.2	62	13	0
	Shibin el Kom	01	8	22	3	5	5	8	20.8	20.9	51	10	Dr.
	Ismailia	01	7	32	2	1	3	9,7	19.9	22.6	42	10	0
928	Farouk (Airport)	01	8	02	5	1	5	6	21	21	50	10	0
141	Almaza	01	8	32	3	1	5	8	20.5	21.0	46	10	0
	Ezbekiya	01	8	30	1	1	5	8	20.6	21.3	50	11	0
	Giza	01	8	30	1	1	5	8	20.7	21.8	50	11	0
	Helwan	01	8	30	4	1	7	8	20.0	20.9	44	8	0
	Faiyum	02	8	30	3	2	8	6	20.2	21.1	49	10	0
	Beni Suef	01	9	02	3	0	3	6	18.2	22.4			0
	Minya	01	8	01	5	1	3	8	20	22	41	8	0
	Asyut	00	8	26	2	0	0	–	19.1	20.8	43	8	0
	Nag Hammadi	00	8	28	1	0	0	–	17.4	24.6	40	10	0
	Qena	00	8	24	2	0	0	–	15.9	22.4	45	9	0
	Luxor	00	8	30	2	0	0	–	16	23	34	8	0
	Aswan	02	9	32	2	1	8	1	16.4	23.8	40	10	0
	Siwa	00	8	00	0	0	0	–	23.9	26.4	60	18	0
	Bahariya	01	8	32	2	1	5	8	21.2	21.4	42	7	0
	Farafra												
	Dakhla	00	9	32	4	0	0	–	20.0	21.2	36	5	0
	Kharga	00	7	02	2	0	0	–	18.5	21.2	38	6	0
	[illegible]	00	8	00	0	0	0	–	19.0	21.2	46	9	0
	[illegible]	00	9	28	4	0	0	–	16.8	22.3	60	14	0
	[illegible]	00	9	30	4	0	0	–	17	21	65	14	0
	[illegible]	00	8	32	4	0	0	–	16.7	23.4	39	14	0

At 1800 on Wednesday 17th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity UU	Dew Point °C	Rain 12-18 G.M.T. mms
Sidi Barani	00	8	14	1	0	0	–	23.4	15.1	86	13	0
Matruh	01	7	31	1	1	5	6	24	16	68	10	0
El Daba	01	7	32	1	1	5	8		18	67	12	0
Alexandria	01	6	02	2	2	5	8	22.6	18.4	55	9	0
Fouad (Airport)	01	7	01	2	0	3	8	22.7	18	60	10	0
Damietta	01		28	3	5	3	8,4	21.1	18.2	71	13	Dr.
Port Said	00	7	30	3	0	2	8	21	19	73	14	1
El Arish	01	9	28	3	1	3	8	18.7	16.9	76	13	0
Damanhur	00	7	32	2	0	0	–	21.6	16.2	65	7	0
Mansura	01	6	28	2	1	3	8	22.2	16.2	79	12	0
Tanta	00	8	00	0	1	0	–	22.6	14.8	84	12	0
Zagazig	02	6	28	2	2	5	8	21.2	17.0	75	13	0
Shibin el Kom	00	7	30	2	1	1	8	21.4	18.6	63	12	0
Ismailia	00	6	02	1	0	0	–	20.6	16.8	76	13	0
Farouk (Airport)	03	7	32	2	2	10	6	22	17	77	13	0
Almaza	02	7	30	2	2	9	8	21.8	17.5	68	10	0
Ezbekiya	01	7	32	2	5	7	6	21.9	16.7	70	12	Dr.
Giza	01	7	32	2	5	7	6	21.9	16.3	70	10	Dr.
Helwan	00	7	32	4	0	2	8	21.8	17.2	69	11	0
Faiyum	02	8	30	2	2	10	6	21.2	17.7	64	11	0
Beni Suef	00	9	02	1	0	0	–	21.0	17.7	71	13	0
Minya	00	7	32	3	0	0	–	20	15	68	9	0
Asyut	00	6	22	1	0	0	–	20.2	15.2	66	9	0
Nag Hammadi	00	8	26	1	0	0	–	17.8	14.0	68	8	0
Qena	00	6	24	2	0	0	–	17.2	16.4	71	12	0
Luxor	00	7	00	0	0	0	–	17	16	52	6	0
Aswan	02	9	32	2	1	5	4	17.1	21.0	49	10	0
Siwa	00	6	00	0	0	0	–	23.4	11.7	74	7	0
Bahariya	00	7	32	2	1	0	–	22.2	17.0	56	8	0
Farafra	00	6	32	2	1	Tr.		23.3	14.7	58	7	0
Dakhla	00	8	28	3	0	0	–	21.2	17.6	50	7	0
Kharga	00	7	32	1	0	0	–	20.0	19.0	41	5	0
[illegible]	00		32	3	0	0	–	19.9	16.7	71	12	0
[illegible]	00	8	28	1	0	0	–		17.5	60	10	0
[illegible]	00	8	26	2	0	0	–	17	19	56	10	0
[illegible]	00	8	32	3	0	0	–	16.6	22.6	59	14	0
[illegible]	01	8	30	3	1	5	6	13	28	74	23	0
[illegible]	00	8	30	4	0	Tr.	1	14	23	27	3	0
[illegible]	00	7	30	2	0	0	–	11	28	40	13	0
[illegible]	00	7	30	4	0	0	–	12	25	39	10	0
[illegible]	00	8	30	3	0	0	–	13	22	19	-3	0
[illegible]	00	8	32	3	0	0	–		22	19	-3	0
[illegible]	01	8	04	2	1	3	1		21	20	-3	0
[illegible]	00	8	00	0	0	0	–	10	24	69	18	0
[illegible]	00	8	00	0	0	0	–	10	25	45	12	0

At 0600 on Thursday 18th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Max. Yesterday T_xT_x	Diff. from norm.	Min. Today T_nT_n	Diff. from norm.	Humidity % UU	Dew Point °C	Rainfall Past 24 hrs	Total From Oct 1	Norm. From Oct 1
Sidi Barani	00	9	18	2	0	Tr.	8	23.1		14.8	22		10		75	11	0	24	
Matruh	00	7	24	2	0	0	–	24		15	22		15		68	9	0	6	
El Daba	01	8	30	2	1	5	8			19.0	21		15		63	12	0	2	
Alexandria	02	9	32	2	2	8	8	22.4	+4.3	21.0	21	-4	18	+2	60	13	0	6	24
Fouad (Airport)	01	8	02	1	1	5	8,4	22.4		21	22		13		61	13	0	8	
Damietta	01		18	2	1	3	8	20.7	+3.9	17.2	21		13		90	15	Dr.	Dr.	15
Port Said	00	7	07	3	0	1	8	21		20	21		17		69	14	0	Dr.	
El Arish	00	9	16	2	0	0	–	21.5	+4.3	12.6	22	-3	10	-3	83	10	0	3	11
Damanhur	01	6	24	2	1	7	8	22.7	+4.6	15.5	22	-4	11	-3	82	13	0	Tr.	11
Mansura	00	8	30	1	1	0	–	22.0	+4.7	18.0	23	-3	13	-1	75	13	Dr.	Dr.	6
Tanta	00	8	20	1	0	0	–	22.2	+4.5	13.0	22	-4	8	-4	89	11	0	0	6
Zagazig	00	6	24	2	0	0	–	22.2	+4.5	14.4	24	-2	12	0	83	11	0	0	4
Shibin el Kom	00	7	22	2	0	Tr.	8	21.4	+3.6	15.3	23		11		67	9	Dr.	Dr.	
Ismailia	00	5	26	1	0	0	–	21.2		15.5	24		12		78	12	0	0	
Farouk (Airport)	00	7	00	0	0	0	–	22		14	22		12		82	11	0	0	
Almaza	00	7	32	1	0	0	–	21.5	+3.9	14.8	22		11		72	9	0	0	
Ezbekiya	00	7	32	1	0	0	–	22.3	+4.7	14.1	23	-3	12	-2	78	10	Dr.	Dr.	3
Giza	00	7	32	1	0	0	–	22.0	+4.3	14.7	22	-3	15	-2	73	10	Dr.	Dr.	4
Helwan	09	6	30	1	0	0	–	21.8	+3.7	16.0	21	-4	13	-1	76	12	0	Dr.	2
Faiyum	00	8	32	2	0	0	–	22.2	+4.6	15.0	22	-5	12	-1	70	10	0	0	0
Beni Suef	00	9	02	1	0	0	–	21.2		15.6	22		9		75	12	0	0	
Minya	00	7	32	4	0	0	–	21		14	22		10		77	10	0	Dr.	
Asyut	00	7	22	1	0	0	–	20.4	+2.8	14.0	21	-5	10	-2	78	10	0	0	1
Nag Hammadi	00	8	00	0	0	0	–	19.0	+3.5	17.0	25		10		67	11	0	0	
Qena	00	7	24	2	0	0	–	18.8	+2.3	13.6	25	-5	11	-2	86	12	0	Dr.	
Luxor	00	8	18	1	0	0	–	19		15	24		8		72	10	0	Dr.	
Aswan	00	9	02	3	0	0	–	18.4	+2.3	16.4	25	-5	14	-2	58	8	0	Dr.	
Siwa	00	7	20	2	0	0	–	24.7	+5.7	12.3	24	-2	7	-2	73	7	0	0	0
Bahariya	01	8	32	1	1	3	8	23.1	+4.6	14.0	22	-4	9	-2	78	10	0	0	1
Farafra	00	8	32	1	0	0	–	23.4		12.3	22		8		86	10		Dr.	
Dakhla	00	8	28	3	0	0	–	21.5	+3.5	14.9	22	-6	11	-1	67	9	0	Dr.	
Kharga	00	7	02	1	0	0	–	21.0	+4.0	16.5	22	-7	13	+1	68	11	0	0	
[illegible]	00	6	32	2	0	0	–	21.0	+4.2	14.4	22	-4	12	-3	93	13	0	Dr.	4
[illegible]	00	9	04	3	0	0	–	20.4	+4.4	15.0	23	-3	11	-1			0	0	2
[illegible]	00	9	26	2	0	0	–	18		17	20		14		64	10	0	0	
[illegible]	00	8	30	4	0	0	–	17.0	+1.5	21.0	24	-3	18	-1	51	10	0	0	2
[illegible]											31						1	19	38
[illegible]																		0	
[illegible]											29							0	1
[illegible]											33							Dr.	2
[illegible]											32							3	4
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[illegible]											35							0	16
[illegible]											29							0	6
[illegible]																			4
[illegible]											32							75	84
[illegible]											33							220	139
[illegible]											29							128	117

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09

17th

50	-16
66	-2
63	-8
67	+10

18th 4.9

18th 3

	12	75	360	5
550	10	75	360	5
3470	14	75	350	12
5050	13	65	340	14
6720	12	55	350	14
10350	6	25	330	21
14440	1	15	320	22
19140	-8		10	50
	-20			

17th

Sidi Barani 14	Matruh 13 45	Fouad A.p. 15	Port Said 14 15	Minya A.p. 15	Asyut A.p. 14	Aswan 14
310 6	330 8	330 11	350 14	350 38	340 16	360 16
310 7	340 9	10 10	360 11	350 31	340 16	350 19
310 11	350 8	360 8	350 14	360 31	340 15	350 19
310 11	350 16	340 10	20 6	10 36	360 19	330 19
320 13	340 16	310 6	340 9	50 10	360 14	300 5
330 16	350 22	10 10	10 5	80 9	330 8	
340 25		10 14	350 16		280 9	
330 23		340 25	290 16		260 13	
330 23					250 18	
330 16					290 12	
					270 21	

Siwa 13	Baharia 14	Dakhla 14	Kharga 14	Hurghada	Almaza 14
320 4	10 18	360 18	360 25	330 30	360 7
20 5	10 16	360 16	360 23	330 20	10 14
30 5	360 23	360 10	360 23	290 15	360 9
40 12	10 24	340 23	360 16	300 10	10 8
30 14	20 32		10 19	280 4	360 8
10 17	30 24		10 33	210 9	360 7
10 19	360 19				Ent Cu
10 9	340 14				
	360 17				

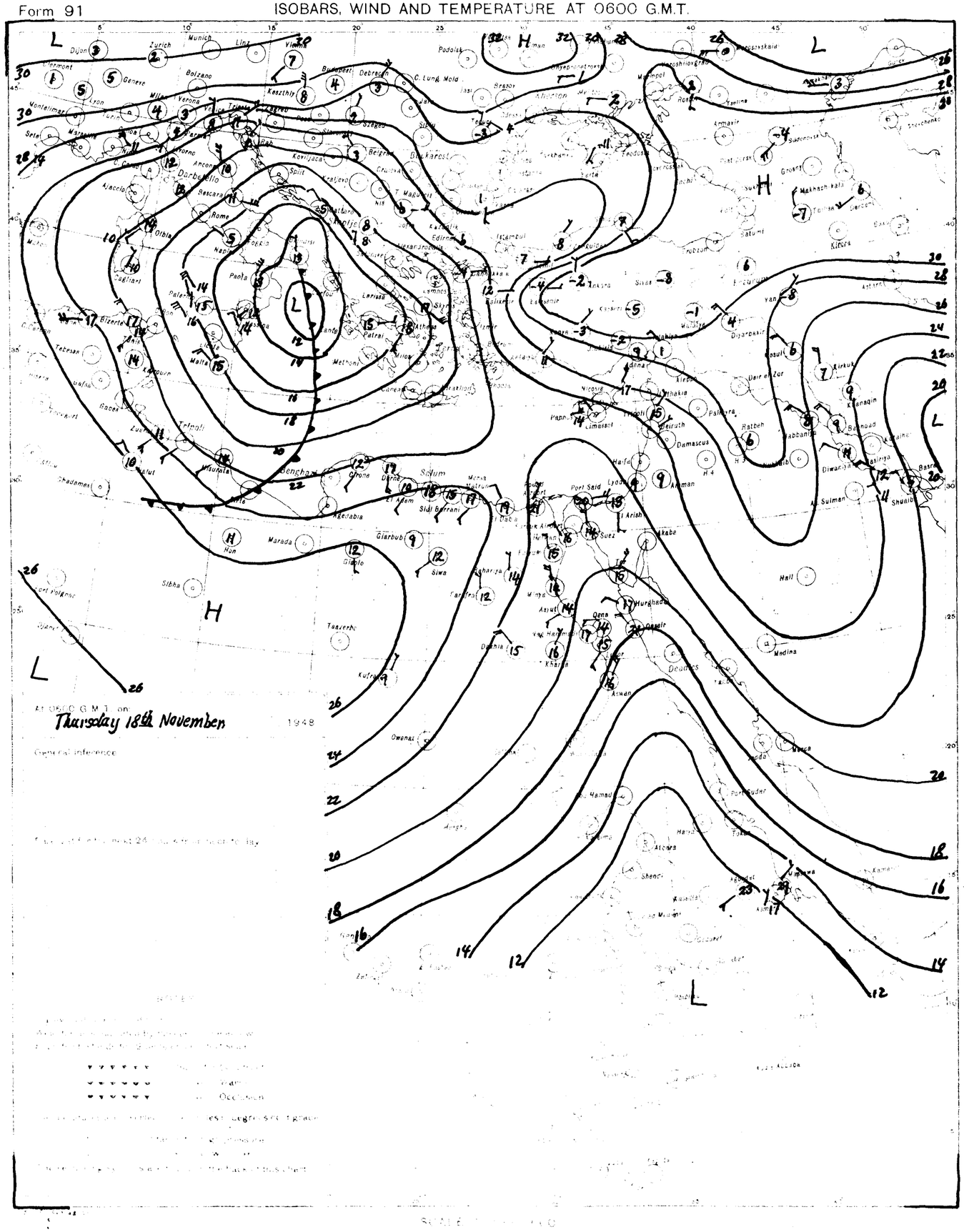
18th

9	7 30	2 30	3 45	3	9 30	7	3	9 (A.p.)	9	9
350 11	300 3	20 12	40 12	340 10	30 4	360 9	360 28	350 13	360 5	10 8
260 9	360 2	20 12	40 13	330 10	20 8	30 21	10 49	360 13	10 4	20 8
260 6	20 9	10 14	40 16	340 10	30 7	50 20	30 35	10 14	30 6	20 8
250 7	10 7	50 14	60 16	340 12	40 5	50 20	30 24	30 8	220 13	30 3
240 11	30 7	40 16	60 11	350 13	40 5		320 24	160 2	210 7	310 10
270 2	330 8	10 22		330 17	70 3			190 4		190 22
300 5	360 7			320 17	80 4			190 5		210 14
280 6								200 6		

9	9
360 10	320 19
10 14	320 17
10 15	Calm
90 4	200 4
90 4	220 4
210 6	180 5
230 8	210 8
240 20	220 13
220 16	
230 27	

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on

Thursday 18th November 1948

General inference

The isobars at intervals of 4 millibars are drawn for the day

Form 91

CAIRO
Time of Sunrise 04 22 G.M.T.
" " Sunset 14 58 G.M.T.

MINISTRY OF NATIONAL DEFENCE — METEOROLOGICAL DEPARTMENT, — EGYPT

DAILY WEATHER REPORT

Date: FRIDAY 19th NOVEMBER, 1948.

At 1200 on THURSDAY 18th

Index	Station	Present weather ww	Visibility V	Wind Direction DD	Wind Force F	Past weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 6-12 G.M.T. mms
346	SIDI BARANI	00	9	29	2	•	•	-	21.0	21.7	61	14	•
306	MATRUH	00	8	04	2	•	1	8	23	22	53	12	•
334	EL DABA	00	9	32	2	•	•	-	22.2	21.0	59	12	•
332	ALEXANDRIA	01	9	04	2	5	5	8	21.5	21.7	55	13	dw
350	FOUAD (Airport)	00	8	01	3	8	2	9	21.2	23	50	12	dw
359	DAMIETTA	00	8	04	3	•	•	-	19.9	22.1	48	10	•
361	PORT SAID	00	8	07	4	•	•	-					
335	EL ARISH	00	9	28	4	•	•	-	19.5	21.9	58	13	•
	DAMANHUR	01	7	32	3	1	5	8	21.4	23.7	49	13	•
	MANSURA	00	8	04	2	•	•	-	20.7	24.8	40	10	•
	TANTA	01	8	08	3	1	5	8	20.6	23.6	44	11	•
339	ZAGAZIG												
	SHIBIN EL KOM	01	8	04	3	1	3	8	20.2	24.3	38	09	•
	ISMAILIA	00	7	02	2	•	•	-	19.0	24.8	28	05	•
	FAROUK (Airport)	01	8	05	5	1	3	8	19	24	44	11	•
	ALMAZA	01	7	02	4	•	3	8	19.0	24.8	32	06	•
	EZBEKIYA	01	8	04	2	1	5	8	17.8	24.7	44	12	•
	GIZA	01	8	04	2	1	5	8	17.6	24.0	40	10	•
	HELWAN	00	8	02	4	•	2	8	18.8	24.2	28	04	•
	FAIYUM	00	8	32	2	•	•	-	19.1	24.2	45	11	•
	BENI SUEF	00	9	30	3	•	•	-	17.9	25.1	32	07	•
	MINYA	00	8	01	4	•	6	8	18	24	41	10	•
	ASYUT	00	8	27	1	•	•	-	17.4	22.5	41	08	•
	NAG HAMMADI	00	8	00	•	•	•	-	16.4	24.7	47	13	•
	QENA	00	8	26	2	•	•	-	16.0	22.3	43	09	•
	LUXOR	00	8	28	1	•	•	-	16	25	34	08	•
	ASWAN	02	9	30	2	1	8	6	15.5	25.0	44	12	•
	SIWA	00	8	00	•	•	•	-	22.4	24.5	57	15	•
	BAHARIYA	01	8	32	2	1	3	8	20.6	22.0	43	09	•
	FARAFRA	01	8	32	4	•	3	6	21.2	22.0	43	09	•
	DAKHLA	01	9	32	3	1	5	6,5	18.7	21.8	43	09	•
	KHARGA	00	8	02	2	•	•	-	17.4	23.2	34	06	•
	[illegible]	00	8	02	3	•	•	-	17.5	24.0	30	05	•
	TOR	00	9	28	3	•	•	-	16.3	23.3	43	10	•
	HURGHADA	00	9	30	3	•	•	-	17	23	61	15	•
	[illegible]	01	8	32	4	1	5	4	16.3	24.2	51	13	•
	[illegible]	00	8	28	2	•	•	-	12	28	35	11	•
	[illegible]	00	8	32	2	•	•	-	9	32	36	15	•
	[illegible]	00	8	02	1	•	•	-	5	37	18	09	•
	[illegible]	00	8	32	3	•	6	1	10	29	12	-3	•
	[illegible]	00	8	32	3	1	2	1		28	10	-7	•
	[illegible]	00	8	04	3	•	•	-		37	06	-6	•
	[illegible]	00	8	02	4	•	•	-	8	32	28	11	•
	[illegible]	01	8	00	•	1	5	1	8	32	22	08	•
	[illegible]	01	7	04	3	1	5	8,4	8	32	31	13	•

At 1800 on 18th

Station	ww	V	DD	F	W	Cloud Amount	C	PPP	Temp. TT	Humidity UU	Dew Point	Rain 12-18 G.M.T. mms
SIDI BARANI	00	8	00	0	0	6	8	22.3	16.4	73	11	0
MATRUH	00	7	10	1	0	•	-	22	15	73	11	0
EL DABA	00	7	32	1	•	•	-		19.2	61	11	•
ALEXANDRIA	01	6	32	1	5	3	8	22.0	19.0	62	12	dw
FOUAD (Airport)	00	7	06	2	0	0	-	22	17	77	13	0
DAMIETTA	00	2	02	4	0	0	-	20.6	20.2	61	11	0
PORT SAID	00	7	06	5	0	•	-	20	21	57	12	•
EL ARISH	00	8	28	3	0	0	-	19.6	16.7	77	13	0
DAMANHUR	00	7	32	2	1	0	-	21.5	17.2	73	12	0
MANSURA	00	6	32	2	2	0	-	21.2	17.5	73	13	0
TANTA	00	8	08	1	1	•	-	21.4	15.3	87	13	•
ZAGAZIG												
SHIBIN EL KOM	00	7	02	2	0	•	-	21.0	19.8	72	15	0
ISMAILIA	00	6	04	1	•	0	-	20.0	16.7	63	10	0
FAROUK (Airport)	00	7	06	3	•	•	-	20	18	68	10	•
ALMAZA	00	7	04	3	0	0	-	19.7	18.2	50	08	•
EZBEKIYA	00	7	00	•	•	•	-	20.3	16.2	70	11	•
GIZA	00	7	00	0	0	•	-	20.3	15.6	73	11	•
HELWAN	00	7	02	4	•	•	-	19.6	18.5	50	07	•
FAIYUM	00	8	02	2	0	•	-	19.1	18.9	56	09	•
BENI SUEF	00	9	02	1	0	0	-	18.7	17.4	60	09	0
MINYA	00	7	32	2	•	•	-	18	17	60	09	0
ASYUT	00	6	22	1	•	•	-	17.9	16.4	66	09	0
NAG HAMMADI	00	8	00	0	•	•	-	16.4	16.0	79	12	0
QENA	00	6	24	2	0	0	-	16.0	18.3	68	12	0
LUXOR	00	7	00	0	•	•	-	16	16	59	08	0
ASWAN	01	9	32	2	1	3	4	16.2	22.4	45	09	0
SIWA	00	6	00	0	•	•	-	22.8	16.4	56	07	•
BAHARIYA	01	7	32	2	1	5	4	20.6	18.0	71	13	•
FARAFRA	00	7	30	3	0	0	-	21.5	16.5	65	09	0
DAKHLA	00	8	28	3	0	•	-	19.2	17.8	56	09	•
KHARGA	00	7	00	0	0	•	-	17.7	17.1	45	05	•
[illegible]	00		00	0	0	0	-	18.0	17.9	54	08	0
TOR	00	8	28	2	•	•	-	17.7	22.3	63	15	•
HURGHADA	00	8	30	2	0	•	-	17	21	65	14	0
[illegible]	00	8	28	3	1	•	-	15.8	22.2	50	11	0

At 0600 on FRIDAY 19th

Station	ww	V	DD	F	W	Cloud Amount 0-10	C	M.S.L. mbs PPP	Diff from normal mbs	Dry Bulb TT	Max. Yesterday TxTx	Diff from norm.	Min. Today TnTn	Diff from norm.	Humidity UU	Dew Point	Rainfall Past 24 hrs	Total from Oct 1	Norm. from Oct 1
SIDI BARANI	00	9	16	1	•	6	8	21.8		17.2	24		10		80	14	0	24	
MATRUH											22							6	
EL DABA	02	7	00	0	2	8	9			20.1	23		15		74	15	•	2	
ALEXANDRIA	01	9	04	2	2	5	4	21.2	+3.0	20.0	24	0	11	-5	53	11	dw	6	26
FOUAD (Airport)	00	7	03	2	•	2	8	21.1		17	24						dw	8	
DAMIETTA	01	8	02	3	1	3	8	19.5	+2.6	20.1	23				68	14	0	dw	15
PORT SAID	00	7	06	5	0	0	-	20		21 ?	22		20		57 ?	12 ?	•	dw	
EL ARISH	00	7	12	2	•	•	-	19.2	+1.9	13.2	22	-3	10	-3	51 ?	03 ?	•	3	12
DAMANHUR	01	7	04	2	•	3	8	21.4	+3.3	16.5	24	-1	14	+1	82	13	•	tw	11
MANSURA	00	8	02	2	•	•	-	20.3	+3.0	20.0	25	-1	15	+1	66	13	•	dw	6
TANTA	00	8	04	1	•	•	-	20.8	+2.7	16.0	25	-1	11	-1	67	10	•	0	6
ZAGAZIG	00	6	24	2	•	•	-	21.1	+3.3	18.4	24	-2	12	•	82	15	•	0	4
SHIBIN EL KOM	•																•	dw	
ISMAILIA	00	6	26	1	•	•	-	19.2		16.8	25		11		58	08	•	0	
FAROUK (Airport)	00	7	00	•	0	6	8	20		14	24		11		74	10	•	0	
ALMAZA	05	6	07	1	0	•	-	19.5	+1.8	15.5	25		10		68	10	•	0	
EZBEKIYA	09	5	30	1	4	•	-	20.2	+2.5	15.6	25	-1	11	-3	77	12	•	dw	3
GIZA	09	5	30	1	4	•	-	19.6	+1.7	13.0	25	•	9	-3	89	11	•	dw	4
HELWAN	05	6	00	•	•	•	-	19.2	+1.1	14.8	24	-1	12	-2	77	11	•	dw	3
FAIYUM	00	8	32	1	•	•	-	20.1	+2.4	14.9	24	-3	12	•	82	12	•	0	0
BENI SUEF	00	9			0	0	-	19.6		14.3			8		74	09	•	0	
MINYA	05	6	32	3	•	•	-	18		13	24		10		82	10	•	dw	
ASYUT	00	7	28	1	•	•	-	18.3	+0.6	14.0	24	-2	10	-2	78	10	•	0	1
NAG HAMMADI	00	8	00	•	•	•	-			14.2	26		7		74	09	•	0	
QENA	00	7	22	3	•	•	-	17.6	+1.0	16.2	24	-6	11	-2	71	11	•	dw	
LUXOR	00	8	00	•	•	2		17		16	27		10		68	10	•	dw	
ASWAN	02	9	32	2	1	8	4	16.8	+0.6	19.0	26	-4	15	-1	59	11	0	dw	
SIWA	00	7	00	•	•	•	-	21.6	+2.6	12.8	25	-1	8	-1	68	07	0	0	0
BAHARIYA	00	8	32	3	•	•	-	21.0	+2.5	14.8	23	-3	11	•	75	11	•	0	1
FARAFRA	00	8	30	3	•	•	-	21.2		15.1	23		11		77	11	•	dw	
DAKHLA	00	8	24	3	•	•	-	20.0	+1.9	14.0	23	-5	12	0	67	08	•	dw	
KHARGA	00	7	00	•	•	•	-	17.7	+0.6	12.8	23	-5	8	-4	59	05	•	•	
[illegible]	00	6	00	•	•	•	-	17.9	+1.1	17.1	25	-1	14	-1	48	06	0	dw	4
[illegible]	00	9	04	1	•	•	-	17.0	+1.1	18.3	24	-2	10	-4	37	03	0	•	2
[illegible]	00	8	24	1	•	6	4	17		18	23		14		37	03	0	0	
[illegible]	01	8	08	3	•	3	4	15.6	-0.2	22.2	27	•	19	•	34	05	•	0	2
[illegible]			30	3	1	3	9	14		27			24		79	23	•	19	40
[illegible]																	0	0	
[illegible]	00	8	30	2	•	•	-	16		17			13		46	05	0	0	1
[illegible]	00	7	30	3	•	1	2	13		23			19		36	07	•	dw	2
[illegible]	00	8						14		21			18		50	10		3	4
[illegible]	00	8	00	•	•	•	-						19				•	2	8
[illegible]																		11	12
[illegible]	00	9	04	3	•	•	-	15		24					30	05	•	0	47
[illegible]	00	8	20	3	•	•	-	11		22					31	04	•	0	34
[illegible]	01	8	30	4	1	3	1	15		18					40	04	•	0	16
[illegible]	00	8	02	2	1	2	1			15					39	01	•	0	6
[illegible]	02	8	04	5	1	9	2						13						4
[illegible]	00	8	04	2	•	•	-	13		22			15		41	08	•	75	84
[illegible]	00	8	28	1	•	•	-	13		21					50	10	•	220	140
[illegible]	05	7	00	•	1	8	4	12		23			18		74	18	•	128	118

PRESENT WEATHER (ww)
Clear 00
Partly cloudy 01
Cloudy 02
Overcast 03
Low Fog 04

18th
57 -9
67 -1
67 -4
58 +1

19th 42

19th 3

1010	12	81	90	2
510	12	77	90	2
3420	11	65	50	29
4980	10	35	70	19
6630	8	-	90	11
10200	2	-	80	17
14230	-6	-	20	8
18800	-16	-	30	5

18th

ALMAZA 14: 20 9; 20 8; 60 8; 40 8; 50 5

FOUAD A.P. 15: 20 13; 40 13; 60 14; 60 28; 70 16; 60 28

ASWAN 14: 240 16; 350 16; 350 16; 350 14; 70 10; 190 14

PORT SAID 14: 50 19; 50 17; 50 19; 80 4

MATRUH 13 45: 10 8; 350 6; 320 7; 330 4; 10 4

MINYA 14 30: 350 35; 360 28; 10 24; 60 17; 40 5

SIWA 15: 320 8; 20 8; 350 10; 10 10; 350 9; 10 5; 360 10

BAHARYA 14: 10 25; 10 22; 20 21; 20 23; 20 25; 20 22; 30 20; 50 18; 30 17

DAKHLA 14: 360 13; 360 13; 10 16; 10 12; 80 5

KHARGA 14: 360 11; 360 13; 360 13; 350 6; 210 2; 220 5; 230 7; 270 9

SIDI BARANI 14: 290 9; 270 12; 260 11; 260 14; 250 6; 240 10; 250 3; 300 5; 250 11; 230 17

19th

9: 360 00; 360 00; 260 3; 170 3; 200 5; 230 8; 220 14; 230 15

7 30: 80 4; 90 6; 80 11; 30 4; 40 5; 40 7; 70 7

3: 40 13; 60 12; 60 8; 50 9; 60 8

4 15: 60 22; 50 20; 50 23; 50 17

30 12; 50 24; 50 25; 70 16; 90 10; 90 11; 50 4; 70 2; 350 23; 240 85

4 30: 40 9; 50 10; 40 11; 10 4; 70 6

3: 360 26; 360 27; 10 27; 360 15; 360 24

MAN 8: 310 6; 340 10; 360 10; 100 3; 120 4; 180 5; 230 2; 230 3; 240 10; 240 30; 240 33

9: 350 10; 30 14; 90 8; 140 10; 140 8; 190 19; 210 17; 240 22; 220 27

9: 280 4; 350 6; 350 5; 360 6; 360 10; 350 10

9: 20 27; 10 39; 20 64; 20 33; 20 44

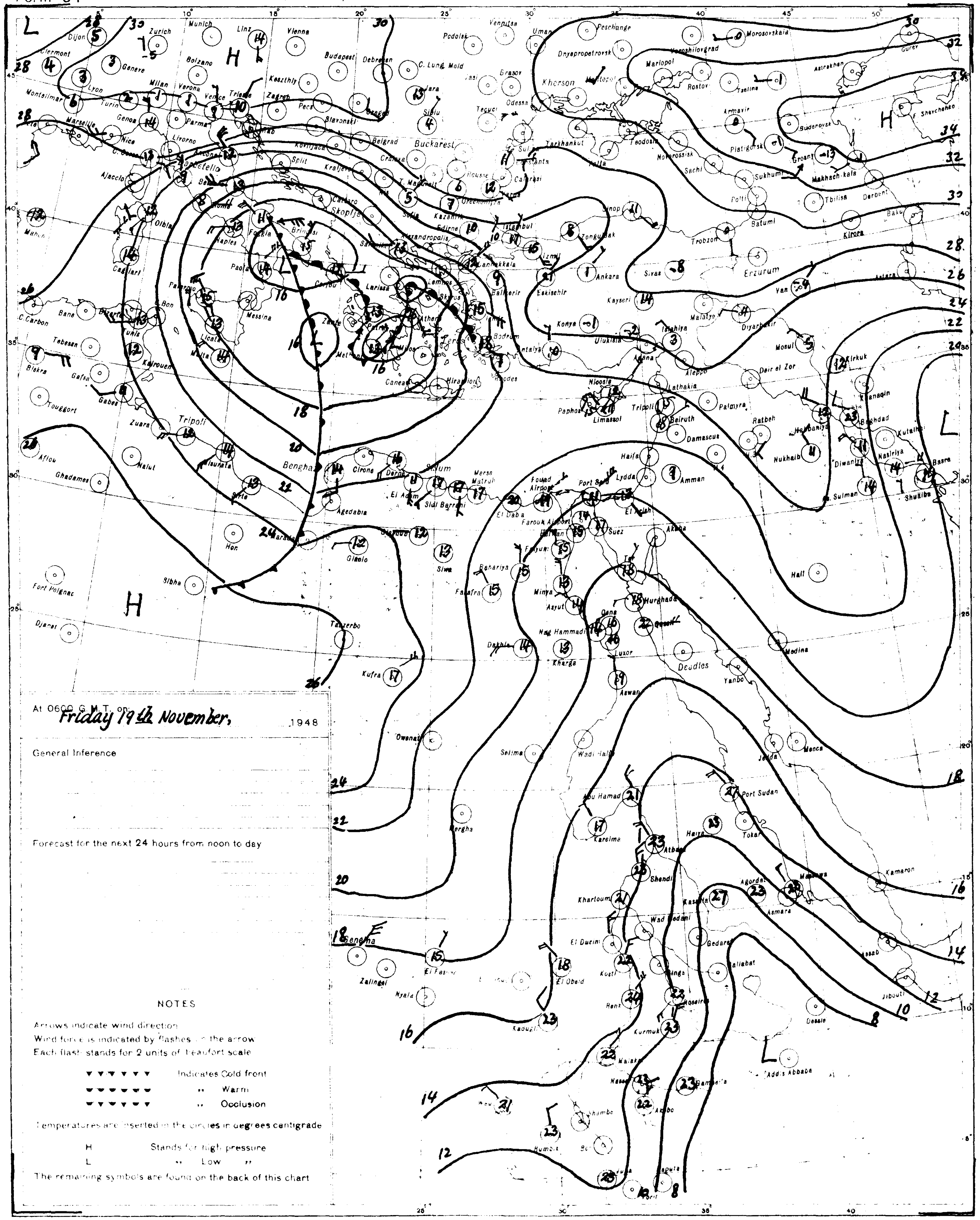
9: 330 15; 350 18; 10 16

9: 360 10; 350 11; 10 10; 90 4; 150 7; 210 10; 230 5; 240 16; 240 38

3 15: 10 16; 350 8; 40 12; 30 7; 20 6

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on *Friday 19th November*, 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of Beaufort scale

▼▼▼▼▼▼ Indicates Cold front
▼▼▼▼▼▼ ,, Warm
▼▼▼▼▼▼ ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

S.I.P. 5-5148/551

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 24 G.M.T.

" " Sunset 14 57 G.M.T.

MINISTRY OF NATIONAL DEFENCE — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: Saturday 20 November, 1948.

At 1200 on Friday 19th

Index	Station	Present weather ww	Visibility V	Wind Direction DD	Wind Force F	Past weather W	Cloud Amount 0-10	Cloud Form C	Bar. press. M.S.L. PPP	Temp. °C TT	Humidity % UU	Dew point °C	Rain 6-12 G.M.T. mms
146	Sidi Barani	01	9	32	2	1	5	8	21.0	22.4	57	13	0
160	Matruh	01	8	09	2	1	5	6	22	22	61	14	0
134	El Daba	01	8	04	1	1	5	8	20.3	22.2	50	11	0
132	Alexandria	01	9	08	2	1	5	8	19.9	21.6	53	12	0
150	Fouad (Airport)	01	8	05	3	1	5	8	19.7	23	50	12	0
159	Damietta	00	8	02	3	0	1	8	18.3	22.0	52	12	0
16?	Port Said	00	7	04	4	0	0	—	18	23	57	14	0
135	El Arish	00	9	28	4	0	0	—	17.4	21.1	53	11	0
	Damanhur	01	7	08	3	1	5	8	19.9	23.0	50	12	0
	Mansura	01	8	04	2	1	5	8	18.8	23.8	56	15	0
	Tanta	00	8	08?	3	0	0	—	19.5	25.0	58	16	0
	Zagazig	00	6	24?	2	0	0	—	17.4	23.8	44	11	0
	Shebin el Kom	01	8	02	3	1	5	8	18.7	25.2	34	8	0
	Ismailia	00	7	02	2	0	0	—	17.5	24.8	57	11	0
	Farouk (Airport)	00	7	04	4	0	0	—	18	24	54	14	0
	Almaza	00	7	32	4	0	0	—	17.0	24.4	32	6	0
	Ezbekiya	00	8	28	3	0	0	—	17.6	24.0	40	10	0
	Giza	00	8	28	3	0	0	—	17.2	24.0	42	10	0
	Helwan	00	7	32	4	0	0	—	16.3	24.2	27	3	0
	Fayum	00	8	32	2	0	0	—	16.6	24.0	43	11	0
		00	9	02	2	0	0	—	17.9	24.4	38	9	0
		00	8	01	3	0	0	—	16	24	34	7	0
		00	8	26	1	0	0	—	15.6	24.0	26	3	0
	Nag Hammadi	00	8	00	0	0	0	—	14.6	25.5	45	13	0
	Qena	00	8	24	2	0	0	—	14.3	24.0	34	7	0
		00	8	32	1	0	1	9	13	27	37	11	0
	Aswan	02	9	30	2	1	8	4	12.8	27.8	36	12	0
		00	8	00	0	0	0	—	21.5	23.4	68	17	0
		00	8	04	2	1	0	—	18.3	20.0	44	7	0
		00	8	02	1	0	0	—	19.4	23.1	39	8	0
		00	9	30	4	0	0	—	16.6	22.8	32	5	0
		00	8	02	1	0	0	—	16.3	25.0	24	3	0
		00	8	32	2	0	0	—	15.5	25.0	22	2	0
		00	9	28	3	0	0	—	15.2	23.5	49	13	0
		00	8	31	2	0	0	—	15	24	54	14	0
		01	8	32	3	1	5	5	14.4	25.0	54	15	0
		01	8	08	3	1	3	8	10	29	66	22	0
		00	8	28	3	0	0	—	12	29	15	0	0
		00	7	32	3	0	0	—	9	32	29	12	0
		00	8	30	3	0	1		10	31	29	11	0
		00	8	02	2	0	0	—	5	36	25	14	0
		00	8	30	2	0	0	—	8	34	27	12	0
		0	8			0	0	—	9	29	13	-2	0
		01	8							29	10	-6	0
		01	8	04	3	1	7	2		28	12	-4	0
		00	7	02	3	0	0	—	7	33	24	10	0
		00	8	04	1	0	0	—	7	33	16	4	0
		01	8	04	3	1	7	2		28	12	-4	0

At 1800 on Friday 19th

Station	Present weather	Visibility	Wind Direction	Wind Force	Past weather	Cloud Amount	Cloud Form	Bar. press. M.S.L.	Temp.	Humidity	Dew point	Rain
Sidi Barani	00	8	10	2	0	0	—	21.5	16.4	78	12	0
Matruh	00	7	08	1	1	tr.	6	22	16	77	12	0
El Daba	01	7	32	1	1	3	8		19.8	60	12	0
Alexandria	01	5	04	2	2	5	6	20.6	20.6	63	14	0
Fouad (Airport)	00	7	06	1	0	tr.	6	20.2	17	77	13	0
Damietta	00		02	4	0	0	—	18.7	19.8	63	13	0
Port Said	00	7	05	4	0	0	—	19	21	61	13	0
El Arish	00	9	28	3	0	0	—	18.7	16.9	74	12	0
Mansura	00	6	32	2	1	0	—	19.9	17.0	72	12	0
Tanta	00	8	00	0	0	0	—	19.3	16.0	84	13	0
Zagazig	00	6	32	2	0	0	—	18.6		70		0
Shebin el Kom	00	7	04	2	0	0	—	19.5	18.8	74	14	0
Ismailia	00	7	32	1	0	0	—	19.9	17.5	70	12	0
Farouk (Airport)	00	7	04	3	0	0	—	19	17	77	13	0
Almaza	00	7	02	3	0	0	—	19.1	17.8	60	10	0
Ezbekiya	00	7	32	1	0	0	—	19.4	16.5	71	11	0
Giza	00	7	32	1	0	0	—	19.5	16.2	77	12	0
Helwan	00	7	32	5	0	0	—	18.2	18.3	61	10	0
Fayum	00	8	02	1	0	0	—	18.7	18.0	63	11	0
	00	9	02	2	0	0	—	17.9	18.2	62	11	0
	00	7	32	3	0	0	—	17	17	64	10	0
	00	6	22	1	0	0	—	17.5	16.0	69	10	0
Nag Hammadi	00	8	00	0	0	0	—	15.9	17.3	69	11	0
	00	7	16	1	0	tr	8	15	24	32	6	0
Aswan	00	9	00	0	0	0	—	14.0	24.6	43	11	0
	00	6	00	0	0	0	—	21.5	20.4	61	12	0
	01	7	32	2	1	3	8	19.5	18.5	58	10	0
	00	7	30	4	0	0	—	20.0	16.8	60	9	0
	00	8	28	2	0	0	—	17.7	17.4	50	6	0
	00	7	00	0	0	0	—	17.5	16.9	41	4	0
	00	7	00	0	0	0	—	17.2	18.2	63	11	0
	00	8	28	1	0	0	—	15.4	22.0	46	10	0
	00	8	26	1	0	0	—	15	22	53	12	0
	00	8	28	2	0	0	—	14.8	23.0	57	14	0

At 0600 on Saturday 20th

Station	Present weather	Visibility	Wind Direction	Wind Force	Past weather	Cloud Amount	Cloud Form	M.S.L. mbs PPP	Diff from normal	Dry Bulb	Max. Yesterday	Max. Diff from norm	Min. Today	Min. Diff from norm	Humidity	Dew point	Rainfall Past 24 hrs	Rainfall Total from Oct 1	Rainfall Normal from Oct 1
Sidi Barani	01	9	18	2	0	5	8,4	20.8		15.3	26		14		88	13	0	24	
Matruh	01	8	26	2	0	5	6	20		15	23		11		82	12	0	6	
El Daba	01	7	32	1	1	5	8	20.2		20.0	25		16		58	12	0	2	
Alexandria	01	9	02	2	2	5	4	19.1	+0.9	21.0	23	-1	19	+3	57	12	0	6	28
Fouad (Airport)	01	7	02	2	1	5	5	18.8		21	24		15		57	12	0	8	
Damietta	00	7	02	2	0	0	—	17.5	+0.6	20.0	23		17		72	15	0	Dr.	16
Port Said	00	7	05	4	0	0	—	18		22	23		20		69	16	0	Dr.	
El Arish	00	9	12	3	0	0	—	17.1	-0.2	14.1	24	0	10	-2	76	10	0	3	12
Damanhur	00	6	28	2	0	0	—	19.5	+1.3	16.8	24	-1	15	+2	77	12	0	tr	12
Mansura	00	8	32	1	0	0	—	17.6	+0.2	17.2	25	-1	14	0	78	13	0	Dr.	7
Tanta	00	8	28	1	0	0	—	19.2	+1.0	14.4	25	-1	10	-2	74	9	0	0	6
Zagazig	00	7	32	2	0	0	—	17.8	0.0	15.4	25	-1	12	0	83	12	0	0	4
Shebin el Kom	00	6	30	2	0	0	—	18.7	+0.8	14.9	26		12		73	10	0	Dr.	
Ismailia	00	5	14	1	0	0	—	17.1		15.8	25		13		82	13	0	0	
Farouk (Airport)	00	7	06	1	0	0	—	18		17	24		13		77	13	0	0	
Almaza	00	7	04	1	0	0	—	17.8	+0.1	16.8	24		12		72	11	0	0	
Ezbekiya	09	6	00	0	4	0	—	17.9	+0.2	15.0	25	0	12	-2	82	12	0	Dr.	3
Giza	09	6	00	0	4	0	—	18.0	+0.2	14.1	24	-1	9	-2	91	12	0	Dr.	4
Helwan	05	6	30	3	0	tr.	6	17.6	-0.6	17.0	24	-1	12	-2	73	10	0	Dr.	3
Fayum	00	8	32	2	0	1	8	17.6	-0.2	15.8	24	-2	13	+1	79	12	0	0	0
	00	9	32	2	0	0	—	17.6		14.6	25		10		85	13	0	0	
	00	7	32	2	0	0	—	18		14	24		10		72	9	0	Dr.	
	00	7	20	1	0	0	—	17.5	-0.3	14.3	25	-1	10	-2	82	11	0	0	1
Nag Hammadi	00	8	24	1	0	0	—	16.2	-0.4	16.0	26		11		69	10	0	0	
Qena	00	7	24	3	0	0	—	16.3	-0.5	16.0	25	-5	13	0	67	10	0	Dr.	
	00	8	00	0	0	0	—	15		20			12		53	10		Dr.	
Aswan	00	9	32	2	0	0	—	15.1	-1.2	19.4	29	-1	16	+3	42	6	0	Dr.	
	00	7	00	0	0	0	—	21.8	+2.8	13	25	-1	8	0	66	7	0	0	1
	00	8	32	2	0	0	—	19.6	+1.0	16.2	24	-2	9	-2	77	12	0	0	1
	00	8	32	2	0	0	—	20.3		15.2	23		10		76	11	0	Dr.	
	00	8	24	2	0	0	—	18.4	+0.2	15.0	24	-4	12	+1	70	10	0	Dr.	
	00	7	00	0	0	0	—	16.9	-0.3	15.0	25	-3	9	-3	78	11	0	0	
	00	6	00	0	0	0	—	15.8	-1.1	16.9	27	+1	13	-2	81	14	0	Dr.	4
	00	9	04	2	0	0	—	15.1	-0.9	17.9	25	-1	12	-3	44	5	0	0	3
	00	9	26	1	0	0	—	15		19	24		12		30	1	0	0	
	01	8	28	3	0	3	4	14.0	-1.9	21.7	26	-1	19	0	36	0	0	0	2
																	0	19	41

Rainfall (past 24 hrs / total from Oct 1 / normal from Oct 1), remaining stations:

Past 24 hrs	Total from Oct 1	Normal from Oct 1
0	0	
0	0	1
0	Dr.	2
0	3	4
0	2	8
0	11	12
0	0	47
0	0	34
0	0	16
0	0	6
0		4
0	75	84
0	220	140
0	128	119

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Lightning	08
Distant Fog	09

19th
54 -11
67 -1
81 +10
64 +7

20th 4.7

20th	4			
	13	62	60	4
480	15	65	60	4
3420	15	65	60	10
5010	15	35	60	18
6680	10	45	60	14
10280	6		50	12
14360	-3		360	9
19900	-14		270	2
31120	-40		240	37
39920	-54		40	33

19th

Fuad R.P. 15	Port Said 15	Minya 15	Asyut A.P. 14	Aswan 14	Dakhla 14
40 12	40 24	360 22	310 10	340 10	350 16
30 14	40 20	360 24	330 8	330 19	360 17
30 13	40 16	360 21	330 7	350 16	350 19
20 15	50 5	70 6	280 3	40 8	350 26
20 17		20 3	310 3	60 14	
20 19		140 3	210 5	180 14	
			340 4		
			260 5		
			230 10		
			250 42		
			240 40		

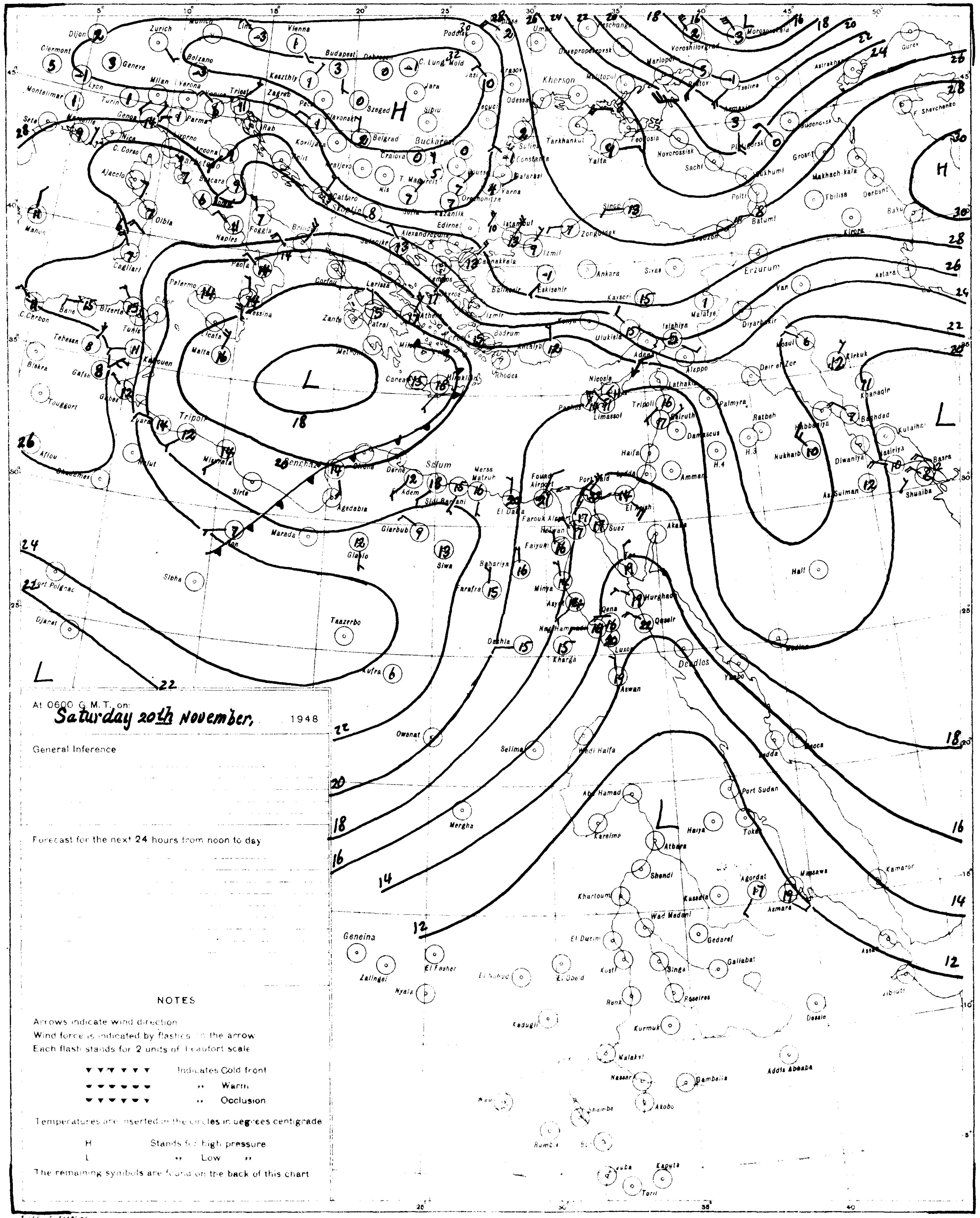
Kharga 14	Bahariya 14	Hurghada 15
360 17	360 42	350 12
360 20	10 38	340 10
360 16	30 17	340 9
320 4	30 27	350 6
140 5	40 27	310 5
250 8	30 28	190 21

9	2 15	9	9	4	3	7 15	3	9 (14)	9	9	9
80 3	360 6	30 12	30 14	40 9	20 9	360 9	360 24	310 5	330 4	350 14	230 5
70 3	10 8	20 12	40 13	50 9	30 9	30 18	10 36	320 9	320 5	360 16	260 5
10 3	10 0	40 15	20 10	60 9	30 7	40 25	360 17	330 8	10 9	30 16	350 10
Ent. Cu	350 10	20 20	30 8	60 16	80 8		320 9	10 7	260 10	80 8	360 11
	40 6	40 21		60 12	Ent. Sc		20 10	350 3	210 12	170 8	360 11
	110 8	40 20		60 11			20 10	210 3	320 18	220 14	340 10
	150 11			50 10				300 8	270 17	240 16	210 7
				10 7				270 14	310 17	240 32	200 15
								230 30		230 27	190 26
										20 19	

9	9	9	3 15
10 23	350 16	360 9	330 32
10 26	360 19	360 13	330 19
10 30	360 17	10 12	320 12
10 31	350 22	160 5	250 16
20 21		200 2	210 11
20 4		280 8	260 6
Ent. Cu		240 13	
		260 14	

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
Saturday 20th November, 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of Beaufort scale

▼▼▼▼▼▼ Indicates Cold front
▼▼▼▼▼▼ ,, Warm
▼▼▼▼▼▼ ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

S.V.T. S-8148/95

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 25 G.M.T.
" " Sunset 14 57 G.M.T.

MINISTRY OF NATIONAL DEFENCE. METEOROLOGICAL DEPARTMENT, EGYPT

Form 91

DAILY WEATHER REPORT

Date: SUNDAY 21st NOVEMBER, 1948.

At 1200 on SATURDAY 20th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 6-12 G.M.T. mms
SIDI BARANI	02	9	02	1	1	8	4	19.0	21.1	74	16	0
MATRUH	01	8	02	3	1	3	6	18	22	50	11	0
EL DABA	01	8	02	1	1	5	8	17.1	22.2	57	13	0
ALEXANDRIA												
FOUAD (Airport)	01	8	04	2	1	5	8	17	23	50	12	0
DAMIETTA	00	8	02	3	0	6	4	15.4	21.8	56	13	0
PORT SAID	00	7	03	4	0	0	-	15	23	65	16	0
EL ARISH												
DAMANHUR	01	7	02	4	1	5	8	16.6	22.8	52	13	0
MANSURA	01	8	02	2	1	5	8	15.9	24.0	59	15	0
TANTA	01	8	32	3	1	5	8	16.6	24.0	50	13	0
ZAGAZIG	00	6	24	3	0	0	-	15.2	23.8	51	13	0
SHEBIN EL KOM	01	8	30	3	1	5	8	15.5	25.0	40	10	0
ISMAILIA	00	8	32	2	0	0	-	14.2	25.1	40	10	0
FARUK (Airport)	01	8	02	3	0	3	8	15	24	68	18	0
ALMAZA	01	7	02	4	0	5	8	14.2	25.0	42	11	0
EZBEKIYA	01	8	32	1	1	5	8	14.8	24.3	51	13	0
GIZA	01	8	32	1	1	5	8	15.0	24.8	50	14	0
HELWAN	01	7	30	5	1	5	8	14.0	24.7	42	11	0
FAYUM	00	8	02	2	0	1	8	14.7	24.5	43	11	0
	00	9	02	1	0	0	-	13.9	25.9	47	14	0
MINYA	00	8	01	4	0	0	-	14	25	45	12	0
	00	8	22	1	0	0	-	14.7	23.3	43	10	0
NAG HAMMADI	00	8	00	0	0	0	-		25.8	46	13	0
QENA	00	9	22	2	0	0	-	12.3	24.4	41	10	0
LUXOR	00	8	02	1	0	0	-	12	27	33	09	0
ASWAN	00	7	30	2	0	0	-	11.8	27.8	28	07	0
SIWA	00	8	20	2	0	0	-	20.3	24.5	64	17	0
BAHARIA	01	8	32	2	1	5	8	16.8	21.8	44	09	0
	00	9	30	3	0	0	-	18.0	22.0	73	17	0
	00	8	32	2	0	0	-	15.5	25.1	28	05	0
	00	8	32	2	0	0	-	13.1	25.0	36	09	0
	00	9	28	3	0	0	-	12.4	24.2	51	13	0
	00	9	02	3	0	0	-	13	23	78	18	0
	02	8	32	4	1	5	4	12.7	25.3	59	16	0

At 1800 on 20th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 12-18 G.M.T. mms
SIDI BARANI	01	8	02	2	1	5	8,4	19.2	18.8	78	15	0
MATRUH	01	7	05	3	0	5	6	18	18	64	11	0
EL DABA	01	6	32	2	1	5	9		18.3	68	12	0
ALEXANDRIA	01	5	04	1	2	3	4	17.4	20.0	47	08	0
FOUAD (Airport)	00	7	03	2	1	6	8	16.9	18	68	12	0
DAMIETTA	00		32	3	0	0	-	15.8	19.0	64	12	0
PORT SAID	00	7	03	3	0	0	-	16.	20	73	15	0
EL ARISH	00	7	28	3	0	2	8	14.2	17.6	75	13	0
DAMANHUR	00	6	32	3	0	0	-	16.7	16.2	76	12	0
MANSURA	00	6	28	2	1	0	-	16.4	17.0	80	14	0
TANTA	00	8	32	1	1	0	-	16.5	16.0	76	12	0
ZAGAZIG	00	6	32	2	0	0	-	15.9		80		0
SHEBIN EL KOM	00	7	28	2	0	0	-	16.3	17.6	72	13	0
ISMAILIA	00	7	32	1	0	0	-	15.5	18.4	67	12	0
FARUK (Airport)	00	7	04	1	0	0	-	16	18		15	0
ALMAZA	00	7	02	2	0	0	-	15.7	18.0	73	13	0
EZBEKIYA	00	7	00	0	0	0	-	15.9	17.9	75	13	0
GIZA	00	7	00	0	0	0	-	16.0	18.6	73	15	0
HELWAN	00	7	32	4	0	0	-	15.4	18.9	60	11	0
FAYUM	00	8	00	0	0	0	-	15.0	19.0	66	12	0
	00	9	02	1	0	0	-	14.3	19.6	65	13	0
MINYA	00	7	00	0	0	0	-	15	16	68	10	0
	00	6	22	1	0	0	-	14.3	16.6	64	10	0
NAG HAMMADI	00	8	00	0	0	0	-	14.6	22.4	26	15	0
QENA	00	6	24	2	0	0	-	14.6	19.0	52	09	0
LUXOR	00	7	00	0	0	0	-	13	18	37	03	0
ASWAN	00	9	32	2	0	0	-	12.8	25.4	32	07	0
SIWA	00	6	00	0	0	0	-	18.4	21.5	70	16	0
BAHARIA	00	7	32	1	1	0	-	17.4	17.5	66	12	0
	00	8	28	2	0	0	-	16.0	19.7	57	11	0
	00	7	00	0	0	0	-	14.1	17.0	52	07	0
	00		00	0	0	0	-	13.9	19.0	66	13	0
	00	8	28	1	0	0	-	13.5	19.0	54	10	0
	00	8	26	1	0	0	-	13	20	60	12	0
	00	8	28	3	1	0	-	13.2	22.0	66	15	0

At 0600 on SUNDAY 21st

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs PPP	Diff. from normal mbs	Temp. Dry Bulb TT	Max. Yesterday	Max. Diff. from norm.	Min. Today	Min. Diff. from norm.	Humidity % UU	Dew Point °C	Rainfall Past 24 hrs	Rainfall Total from Oct 1	Rainfall Norm. from Oct 1
SIDI BARANI	01	9	18	1	1	3	8	18.4		15.3	23		11		88	13	0	24	
MATRUH	01	8	26	2	1	7	6	18		14	23		12		72	09	0	6	
EL DABA	00	8	28	1	0	0	-	16.4		20.3	23		17		56	11	0	2	
ALEXANDRIA	01	9	32	2	2	5	8	16.0	-2.2	19.2	23	-1	19?	+3	59	11	0	6	29
FOUAD (Airport)	00	7	30	2	0	1	9	15.9		20	23		14?		60	12	0	8	
DAMIETTA	00	7	30	2	0	1	8	14.6	-2.4	19.6	22		14		65	13	0	tr	16
PORT SAID	00	7	32	3	0	1	6	14		20	24		20		69	14	0	tr	
EL ARISH	01	7	20	4	1	3	8	13.9	-3.5	19.1	25	+1	14	+2	36	04	0	3	13
DAMANHUR	01	6	24	2	1	3	8	16.4	-1.8	14.8	23	-2	11	-2	83	12	0	4	12
MANSURA	01	8	32	1	1	5	8	15.2	-2.2	17.4	25	0	14	0	67	11	0	tr	7
TANTA	00	8	00	0	0	0	-	16.8	-1.4	15.0	25	0	9	-3	72	10	0	0	6
ZAGAZIG	00	6	24	2	0	0	-	15.4	-2.5	14.8	25	0	11	-1	78	11	0	0	4
SHEBIN EL KOM	00	7	28	2	0	0	-	16.6	-1.4	14.1	26		11		84	11	0	tr	
ISMAILIA	01	5	26	1	1	5	6	15.1		17.3	25		14		68	11	0	0	
FA…	00	7	00	0	0	0	-	16		16	25		13			10	0	0	
ALMAZA	00	7	14	1	0	2	8	15.6	-2.2	15.9	25		11		67	10	0	0	
EZBEKIYA	00	7	00	0	0	6	4	16.0	-1.8	14.5	26	+1	12	-1	82	11	0	tr	3
GIZA	00	7	00	0	0	6	4	16.3	-1.5	15.0	25	0	10	-1	80	12	0	tr	5
HELWAN	09	5	00	0	0	0	-	16.2	-2.1	14.4	25	+1	12	-2	86	12	0	tr	3
FAYUM	00	8	30	1	0	0	-	16.6	-1.3	15.0	25	-1	12	0	75	10	0	0	0
	00	7	02	1	0	0	-	16.3		15.8	26		11		79	12	0	0	
MINYA	00	7	00	0	0	0	-	16		15	25		10		68	09	0	tr	
A…	00	7	26	1	0	0	-	16.7	-1.1	16.0	24	-2	12	0	79	12	0	0	1
NAG HAMMADI	00	8	00	0	0	0	-	15.9	-0.8	16.4	26		18		69	10	0	0	
	00	8	22	3	0	0	-	15.8	-1.1	16.1	25	-4	12	-1	68	10	0	tr	
	00	8	18	2	0	0	-	15		17	28		9		60	09	0	tr	
ASWAN	00	9	32	3	0	0	-	15.1	-1.3	17.0	29	-1	14	-1	46	05	0	tr	
SIWA	00	7	00	0	0	0	-	18.6	-0.5	13.8	26	+1	9	0	71	09	0	0	1
BAHA…	01	7	32	2	1	3	8	18.3	-0.4	15.5	23	-2	9	-1	61	08	0	0	1
																		tr	
	00		24	2	0	0	-	18.4	+0.1	13.3	23	-4	10	-1	65	07	0	tr	
	00	7	00	0	0	0	-	17.7	+0.4	15.0	25	-3	9	-3	68	09	0	0	
	00	6	00	0	0	6	8	15.6	-1.3	15.9	26	0	12	-3	80	13	0	tr	4
	00	9	04	1	0	0	-	13.5	-2.6	13.9			10	-4	50	04	0	0	3
	00	9	26	1	0	0	-	13		19	24		14		62	09	0	0	
	00	8	28	2	0	0	-	13.2	-2.8	21.4	26	-1	18	-1	41	07	0	1	2
	00	8	16	2	1	2	8	11		28			24		70	22	0	19	43
																		0	
	00	8	30	3	0	0	-	15		17					39	03	0	0	1
	00	7	28	2	0	0	-	13		21			17		33	04	0	tr	2
	00	8	30	3	0	0	-	14		21			17		47	09	0	3	4
	00	8	30	1	0	0	-	11		24			16		34	07	0	2	8
	00	8	32	3	0	0	-	14		18					30	00	0	11	12
	00	9	04	3	0	0	-	14		24					32	06	0	0	47
	00	8	30	2	0	0	-	11		20					49	09	0	0	35
	00	8	30	3	0	0	-	15		18			10		24	-3	0	0	16
	01	8	02	3	0	3	1			17					28	-2	0	0	6
	01	8	04	3	1	5	1			16					30	-2	0		4
	00	8	04	3	0	1	1	13		22					38	07	0	75	85
								12		21			16		57	12	0	220	140
	01	8	16	3	1	5	4			25			21				0	128	120

PRESENT WEATHER (ww)
Clear 00
Partly cloudy 01
Cloudy 02
Overcast 03
Low Fog 04
Thin haze 05
Dust Devils 06
Distant Lightning 07
Light Mist or Haze 08
Distant Fog 09

20 th
48 -17
71 +3
78 +7
61 +4

21st 46

21st 4
1007 13 77 360 2
420 13 77 360 2
3320 10 65 360 8
4880 10 25 340 9
6520 6 45 270 3
10050 -1 45 270 5
14050 -7 - 240 19
18600 -18 - 240 35
30470 -41 - 9
38710 -29 - 30 25

20 th

MATRUH 13 45 — FOUAD A.P 15 — BAHARIA 14 — SIDI BARANI 14
350 13 — 360 12 — 360 20 — 10 8
350 15 — 360 11 — 360 20 — 10 8
360 17 — 30 11 — 360 19 — 330 7
10 14 — 30 15 — 360 19 — 350 12
10 10 — 30 13 — 360 19 — 340 16
110 15 — 10 7
200 6
240 6
240 17

5 4 30 3 30 4 4
320 8 350 10 360 11 360 11 360 6
360 8 360 11 360 13 360 9 10 8
350 8 10 11 10 19 20 5 360 8
330 16 ENT Sc. 360 20 100 7 340 8
330 16 360 20 20 5 230 1
10 3 220 4
230 19
240 32

21 st
A.P.
7 3 9 5 5 5
310 5 360 14 310 11 260 4 360 3 200 4
360 12 360 11 320 9 350 10 350 19 230 5
20 11 10 18 320 43 340 12 320 16 310 10
360 15 360 23 250 3 230 20 300 5 310 15
350 3 40 22 230 14 190 8 320 13
310 18
350 10
290 15

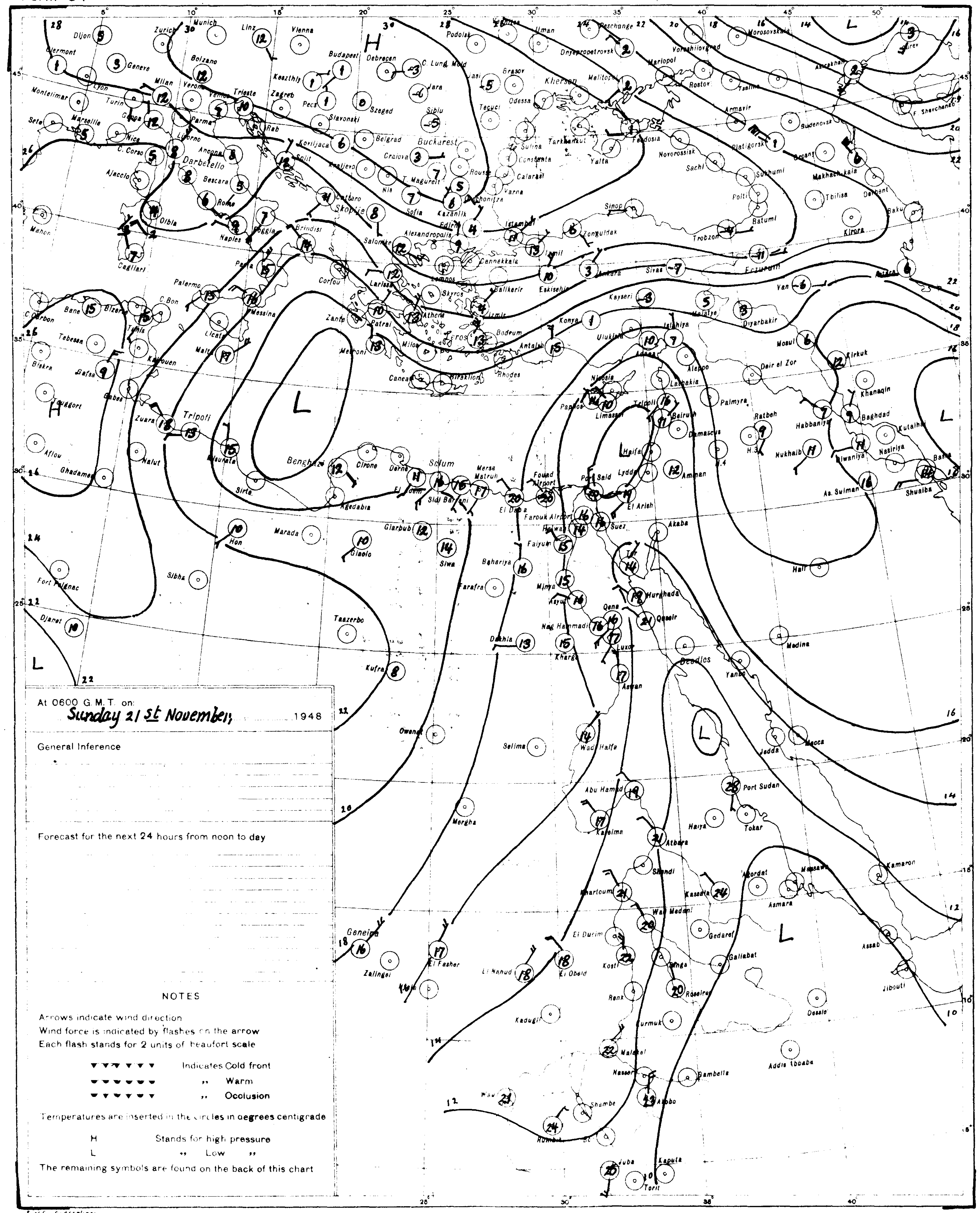
HORGHADA DAKHLA Port SAID KHARGA MINYA SIWA ASWAN
15 30 14 14 14 14 30 12 14
330 8 360 16 20 23 350 11 20 15 270 8 350 8
350 8 360 16 20 16 350 9 340 15 280 13 340 8
330 10 360 18 20 14 350 8 350 16 310 10 350 10
360 6 350 15 350 12 310 5 320 2 340 9 10 14
250 17 340 5 250 27 290 3 300 12 30 5
310 5 270 6 290 7 230 14
250 18 270 12 30 14
240 20 90 23 240 38

5 5 5 30 9
340 10 340 11 360 11 340 18
340 16 10 14 360 18 300 11
340 19 350 21 350 18 290 10
330 24 340 31 350 19 290 6
340 24 260 10
340 23

4
30 12
20 29
50 12
80 19
80 13
100 4

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: *Sunday 21st November,* 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of Beaufort scale

▼▼▼▼▼▼ Indicates Cold front
▼▼▼▼▼▼ ,, Warm
▼▼▼▼▼▼ ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

S of E 548(48/95)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 26 G.M.T.
" " Sunset 14 56 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: MONDAY 22nd NOVEMBER, 1948.

At 1200 on SUNDAY 21st

Index	Station	Present weather ww	Visibility V	Wind Direction DD	Wind Force F	Past weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs PPP	Temp. °C TT	Humidity % UU	Dew point °C	Rain 6-12 G.M.T. mms
146	SIDI BARANI	02	9	26	3	0	5	9	17.4	21.3	72	16	0
160	MATRUH	18	6	32	5	3	7	8	16	22	47	10	0
134	EL DABA	01	7	28	2	1	5	9		21.0	65	14	0
132	ALEXANDRIA	02	9	02	1	5	8	8	14.4	19.6	63	13	dr
150	FOUAD (Airport)	25	8	30	2	8	9	8,4	14.2	21	65	14	dr
159	DAMIETTA	00	8	30	2	0	1	8	13.6	21.2	49	10	0
161	PORT SAID	00	7	29	4	0	2	6	14	22	57	13	0
135	EL ARISH	00	9	28	4	0	0	-	13.0	23.8	55	14	0
136	DAMANHUR	01	7	28	3	1	5	8	14.7	22.4	44	09	0
137	MANSURA	01	8	28	2	1	5	8	13.6	23.5	45	11	0
138	TANTA	01	8	00	0	1	5	8	13.8	22.0	58	13	0
139	ZAGAZIG	01	6	24	2	2	7	8	13.6	22.8	48	11	0
	SHIBIN EL KOM	01	8	28	3	1	5	8	13.4	24.2	38	09	0
	ISMAILIA	01	7	26	2	1	5	6	14.3	23.8	40	10	0
828	FAROUK (Airport)	01	8	32	3	1	5	8	13	23	57	14	0
141	ALMAZA	01	7	32	2	0	5	8	14	22	47	10	0
	EZBEKIYA	01	8	28	2	1	5	8	13.9	22.4	48	11	0
	GIZA	01	8	28	2	1	5	8	14.0	22.7	46	11	0
143	HELWAN	01	8	26	2	1	5	8	13.5	21.3	46	09	0
	FAIYUM	01	8	30	1	1	3	8	13.9	22.3	43	08	0
	BENI SUEF	02	9	02	2	0	5	9	14.2	23.8	50	13	0
	MINYA	01	8	32	4	0	3	8	15	23	38	08	0
	ASYUT	00	8	28	2	0	0	-	13.9	22.0	43	09	0
	NAG HAMMADI	00	8	28	1	0	0	-	12.8	24.7	45	12	0
	QENA	00	9	24	2	0	0	-	11.6	24.0	50	13	0
	LUXOR	00	8	28	1	0	0	-	12	25	42	11	0
	ASWAN	00	9	26	1	0	0	-	12.2	26.3	35	09	0
	SIWA	00	8	28	2	0	0	-	17.1	24.4	57	16	0
	BAHARIYA	02	8	32	2	1	8	8	16.3	20.0	56	11	0
	FARAFRA	02	8	28	5	1	8	8	17.5	22.	43	10	0
	DAKHLA	00	9	28	4	0	0	-	16.0	22.2	26	02	0
	KHARGA	01	8	04	2	0	6	8	15.5	23.3	36	07	0
144	SUEZ	01	7	32	2	1	5	8	12.4	22.1	53	12	0
	TOR	00	9	28	4	0	0	-		23.0	58	14	0
	HURGHADA	00	9	01	3	0	0	-	12	23	65	16	0
	[illegible]	00	8	06	4	0	0	-	11.6	24.7	59	16	0
	[illegible]	00	8	10	4	1	2	8	8	29	66	22	0
	WADI HALFA												
	KARIMA	00	8	30	4	0	0	-	11	27	16	-1	0
	ATBARA	00	7	28	2	0	2		9	31	16	02	0
	KHARTOUM	00	8	30	3	0	0	-	10	30	31	11	0
	KASSALA	00	8	30	2	0	0	-	5	34	27	12	0
	WAD MEDANI	00	8	28	3	0	0	-	8	32	13	00	0
	[illegible]												
	[illegible]	00	8	30	2	0	0	-	9	32	32	14	0
	[illegible]	00	8	30	3	0	0	-	9	29	12	-3	0
	[illegible]	00	8	32	3	1	1	1		28	18	01	0
	[illegible]	01	8	14	4	1	5	1		28	15	-1	0
	MALAKAL	00	8	04	3	0	0	-	7	32	20	06	0
	WAU	01	8	20	2	1	5	4	6	33	20	07	0
	JUBA	02	8	04	2	1	5	8	5	33	44	19	0

At 1800 on 21st

Station	ww	V	DD	F	W	Cloud Amount	C	PPP	TT	UU	Dew point	Rain 12-18 G.M.T. mms
SIDI BARANI	07	8	28	5	1	3	6	17.4	19.1	81	16	0
MATRUH	07	7	23	4	5	5	8	16	20	69	14	dr
EL DABA	20	6	28	3	5	10	9		18.8	64	12	2
ALEXANDRIA	02	5	08	2	6	8	8	14.7	17.7	73	13	1
FOUAD (Airport)	01	7	10	2	1	5	6	14	17	77	13	0
DAMIETTA	07		20	2	0	0	-	13.9	16.4	79	12	0
PORT SAID	00	7	27	3	0	0	-	14	19	73	14	0
EL ARISH	00	9	28	3	0	2	8		16.7	77	13	0
DAMANHUR	07	6	28	3	1	3	8	15.2	15.4	77	11	0
MANSURA	00	6	28	2	1	0	-	14.0	17.8	70	12	0
TANTA	01	8	00	0	1	5	8	15.2	15.2	81	12	0
ZAGAZIG	00	6	32	2	0	0	-	14.2		78		0
SHIBIN EL KOM	00	7	30	2	0	0	-	15.1	18.4	68	12	0
ISMAILIA	00	6	30	1	0	0	-	13.6	17.3	68	11	0
FAROUK (Airport)	03	7	24	2	0	8	6	15	18	68	12	0
ALMAZA	00	7	26	2	0	0	-	14.2	18.5	58	10	0
EZBEKIYA	00	7	00	0	0	0	-	14.6	17.9	63	11	0
GIZA	00	7	00	0	0	0	-	15.0	16.6	65	10	0
HELWAN	00	7	28	2	0	0	-	14.4	17.8	57	09	0
FAIYUM	01	8	00	0	1	3	8	14.3	18.1	66	12	0
BENI SUEF	00	9	30	1	0	0	-	14.6	16.9	68	11	0
MINYA	00	7	32	1	1	1	6	15	18	60	10	0
ASYUT	00	6	30	1	0	0	-	15.9	15.5	63	9	0
NAG HAMMADI	00	8	00	0	0	0	-	14.2	14.9	74	10	0
QENA	00	6	24	2	0	0	-	13.5	16.8	74	12	0
LUXOR	00	7	26	2	0	0	-	14	20	53	10	0
ASWAN	00	9	00	0	0	0	-	13.8	23.8	37	08	0
SIWA	00	6	00	0	0	0	-	18.2	14.0	76	10	0
BAHARIYA	01	7	32	1	1	3	8	17.0	15.0	63	8	0
FARAFRA	00	7	28	1	1	0	-	17.9	15.4	60	07	0
DAKHLA	00	8	28	2	0	0	-	17.4	18.3	58	09	0
KHARGA	00	7	00	0	0	0	-	16.3	17.1	43	04	0
SUEZ	00		00	0	0	0	-	13.0	18.1	63	11	0
TOR	00	8	28	2	0	0	-		20.2	40	06	0
HURGHADA	00	8	00	0	0	0	-	12	18	60	10	0
[illegible]	00	8	30	2	0	0	-	12.3	21.9	67	16	0

At 0600 on MONDAY 22nd

Station	ww	V	DD	F	W	Cloud Amount	C	Bar. M.S.L. PPP	Diff. from normal	Dry Bulb TT	Max. Yesterday TxTx	Diff. from norm.	Min. Today TnTn	Diff. from norm.	Humidity UU	Dew point	Rain past 24 hrs	Total from Oct 1	Norm. from Oct 1
SIDI BARANI	02	9	20	2	1	8	9	18.2		16.2	23		11		85	14	0	24	
MATRUH	02	7	02	2	9		9	16		16	23		14		72	11	tr	7	
EL DABA	01	7	28	2	1	5	9			20.0	22		14		66	13	2	4	
ALEXANDRIA	02	8	28	2	6	8	9	14.3	-3.9	19.0	23	-1	16	0	61	11	5	11	30
FOUAD (Airport)	02	7	32	2	1	8	8	13.9		19	23		15		64	12	1	9	
DAMIETTA	57	2	20	2	5	9	9	13.5	-3.5	15.0	23		11		84	12	tr	tr	17
PORT SAID	05	6	24	2	0	3	6,4	14		17	23		15		77	13	0	tr	
EL ARISH	01	9	20	4	1	5	8	14.0	-3.5	18.2	24	0	16	+4	67	12	0	3	13
DAMANHUR	01	6	20	2	1	5	8	14.4	-3.8	15.8	24	-1	13	0	83	13	0	k	12
MANSURA	01	8	16	1	1	5	6	13.8	-3.7	15.0	25	0	11	-2	85	13	0	tr	7
TANTA	01	8	00	0	1	3	8	15.0	-3.2	14.0	24	-1	9	-3	94	13	0	0	6
ZAGAZIG	00	6	24	2	0	0	-	14.5	-3.4	13.8	26	+1	12	0	90	12	0	0	5
SHIBIN EL KOM	00	7	18	2	0	1	8	14.7	-3.3	14.3	26		12		72	09	0	tr	
ISMAILIA	01	5	22	2	1	5	4	14.3		15.5	25		12		74	11	0	0	
FAROUK (Airport)	01	7	22	5	1	7	8,4	14		15	24		13		68	09	0	0	
ALMAZA	02	7	18	2	1	8	6	14.9	-2.9	15.2	24		12		71	10	0	0	
EZBEKIYA	02	7	00	0	2	10	6	15.1	-2.7	15.1	23	-2	14	+1	75	11	0	tr	3
GIZA	02	7	00	0	2	10	6	15.4	-2.5	15.0	24	-1	11	0	77	11	0	tr	5
HELWAN	02	6	14	2	2	8	6	15.8	-2.5	14.3	21	-3	12	-2	78	10	0	tr	3
FAIYUM	01	8	30	2	1	5	8	16.2	-1.8	15.2	23	-3	11	-1	73	10	0	0	0
BENI SUEF	00	9	18	1	0	0	-	16		16.4	24		11		68	10	0	0	
MINYA	00	7	00	0	0	0	-	17		14	24		9		77	10	0	tr	
ASYUT	00	7	26	1	0	0	-	17.5	-0.4	15.1	23	-3	10	-2	67	09	0	0	1
NAG HAMMADI	00	8	26	1	0	0	-	15.9	-0.8	18.6	25		10		70	13	0	0	
QENA	00	8	22	2	0	0	-	16.2	-0.8	15.2	25	-4	12	-1	74	10	0	tr	
LUXOR	00	8	22	1	0	0	-	16		17	26		10		68	11	0	tr	
ASWAN	00	9	00	0	0	0	-	17.4	+0.9	17.0	27	-3	13	-2	61	09	0	tr	
SIWA	00	7	00	0	0	0	-	18.8	-0.3	11.2	26	+1	7	-1	73	06	0	0	1
BAHARIYA	00	8	28	1	0	0	-	17.5	-1.2	17.0	21	-4	9	-1	70	12	0	0	1
FARAFRA	00	8	18	2	0	0	-	17.6		15.1	24		7		54	06	0	tr	
DAKHLA	00	8	28	1	0	0	-	18.3	-0.1	10.8	23	-4	8	-3	60	04	0	tr	
KHARGA	00	8	00	0	0	0	-	17.3	-0.1	14.1	24	-4	8	-4	64	07	0	0	
SUEZ	01	6	00	0	1	5	8	13.6	-3.4	16.0	24	-1	12	-2	75	12	0	tr	4
TOR	00	9	28	3	0	0	-	13.5	-2.6		25	-1			51	09	0	0	3
HURGHADA	00	9	25	2	0	6	8	14		18	24		13		52	08	0	0	
[illegible]	00	8	28	3	0	0	-	14.0	-2.0	20.7			17	-2	51	10	0	0	2
[illegible]																	0	19	44
WADI HALFA																	0	0	
KARIMA																	0	0	1
ATBARA	00	7											16				0	tr	2
KHARTOUM																	0	3	4
KASSALA	00	7	00	0	0	0	-	12		22			10		27	02	0	2	8
WAD MEDANI	02	7	32	3	1	10	1	14		20					26	0	0	11	12
[illegible]	00	9	04	3	0	0	-	13		22					29	03	0	0	47
[illegible]																	0	0	35
[illegible]	01	8	30	4	2	5	1	14		18			13		20	-05	0	0	16
[illegible]	00	8	04	2	1	6	2			16					30	-2	0	0	6
[illegible]	00	8	04	3	1	1	1			16			13		28	-3	0		4
MALAKAL	00	8	04	5	0	0	-						16				0	75	85
WAU	02	8	00	0	1	10	4,1	12		22			17		57	13	0	220	141
JUBA	01	8	16	2	1	5	6,4	11		26					79	22	0	128	120

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squall	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog	40-49
Drizzle	50-59
Rain	60-69

Upper air — 21st

21st	
62	-3
65	-3
66	-5
66	+9
22nd	62

22 nd 3

1006	14	81	230	7
400	14	88	230	7
3300	10	65	290	19
4850	6	75	290	19
6470	4	75	290	20
19980	-4	85	310	16
23930	-11	55	290	24
28450	-21	35	300	13
30250	-40	-	280	79
37100	-51	-		

21st

FOUAD A.P.		PORT SAID		MATRUH	
15		14	15	13	30
350	11	310	14	340	18
360	15	320	10	330	25
20	16	310	4	330	26
40	16	310	9	340	23
Ent Cu		220	7	340	31
		170	13	Ent Cb	

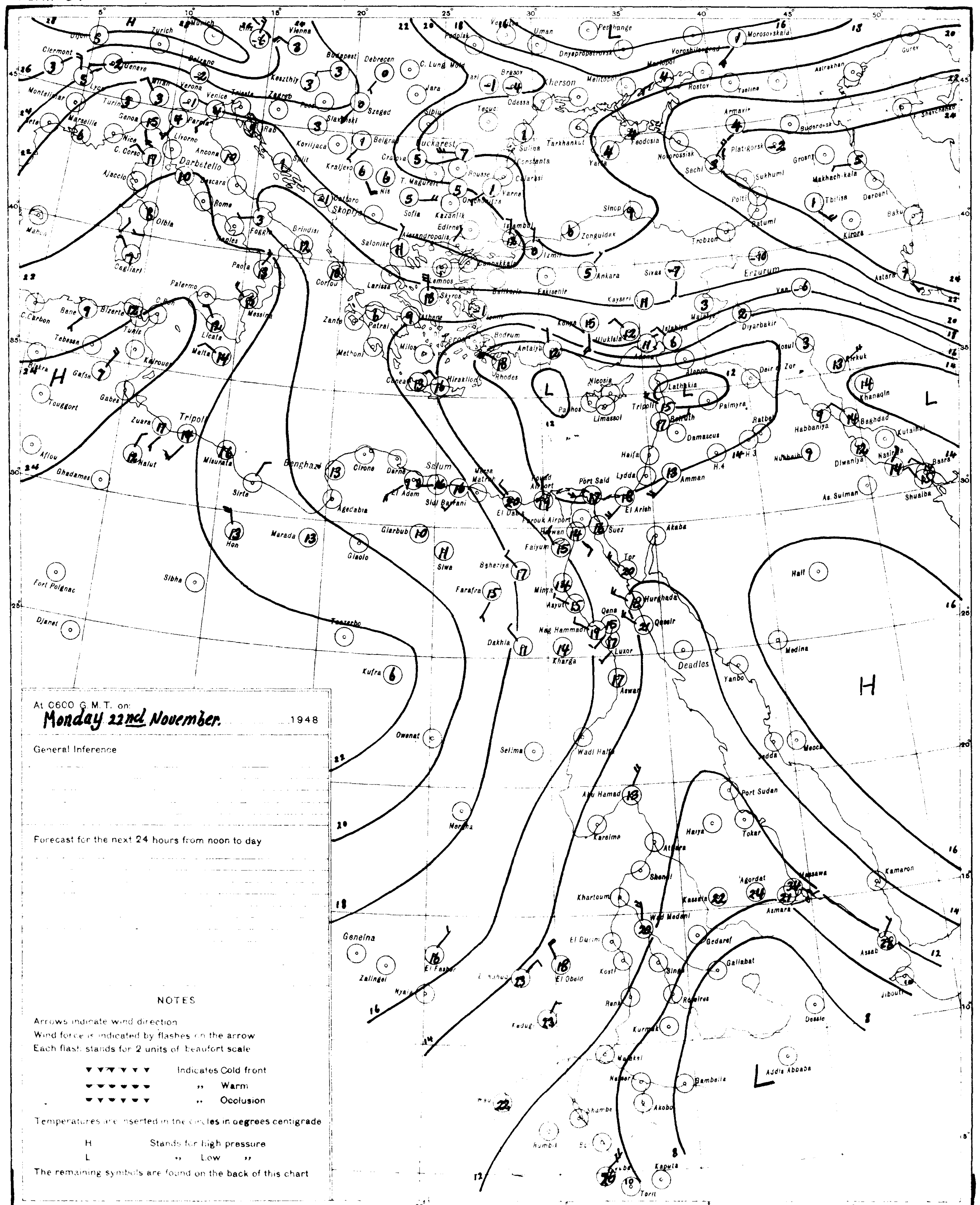
Upper air — 22nd

5		3		4		3		8	30	7		3				5		4	
300	17	360	10	250	13	280	14	260	5	190	7	330	10			350	3	340	10
310	17	10	15	250	9	280	16	210	3	260	9	320	15			350	19	340	11
310	16	10	15	260	9	290	17	240	3	300	15	330	17			350	30	320	10
310	14	20	16			290	17	ENT. Sc.		Ent Cu		310	16			350	24	290	10
		20	19			290	17					310	23			360	16	310	14
						310	15											310	15
																		310	6
						290	14											300	9
						290	13												

5		5		5	45	9	
300	18	300	12	340	6	330	9
310	22	310	10	350	13	310	15
330	34	350	20	350	18	290	11
330	36	340	20	340	18	280	23
320	33			340	23	300	9
320	30			20	20		

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: Monday 22nd November. 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼ Indicates Cold front
▼▼▼▼▼▼ ,, Warm
▼▼▼▼▼▼ ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

S.C.F. (52314R) 551

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 27 G.M.T.

" " Sunset 14 56 G.M.T.

MINISTRY OF NATIONAL DEFENCE, METEOROLOGICAL DEPARTMENT, EGYPT

Form 91

DAILY WEATHER REPORT

Date: Tuesday 23rd November, 1948.

At 1200 on Monday 22nd

Index	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 6-12 G.M.T. mms
146	SIDI BARANI	02	9	24	4	1	8	7,8,5	16	21.8	54	12	0
169	MATRUH	01	7	31	3	1	5	6,5	15	21	57	12	0
134	EL DABA	01	7	28	2	1	5	9	14.2	20.2	63	13	0
139	ALEXANDRIA	02	9	32	3	6	9	9	13.9	20.2	62	13	3
156	FOUAD (Airport)	02	8	31	2	8	9	8	13.7	20	64	13	R.
159	DAMIETTA	01	8	30	3	1	7	9,4	13.9	20.6	60	13	0
16	PORT SAID	01	8	32	2	8	7	8	13	20	69	14	R.
145	EL ARISH	01	9	30	3	1	5	6	13.0	20.1	62	12	0
	DAMANHUR	02	7	26	4	5	8	8	13.6	21.4	57	12	Dr.
	MANSURA	01	8	32	2	1	5	6	12.6	22.2	55	12	0
	TANTA	02	8	20	1	2	8	8	12.7	20.0	67	14	0
	ZAGAZIG	02	6	24	1	1	8	8	12.7	22.6	55	14	0
	SHIBIN EL KOM	01	8	28	3	1	5	8	13.6	20.8	43	8	0
	ISMAILIA	61	6	26	2	5	8	7	12.8	21.0	56	12	Dr.
	FA... (Airport)	01	8	24	2	1	5	6	13	23	50	12	0
	ALMAZA	01	8	26	3	1	5	8	12.6	22.2	38	8	0
	EZBEKIYA	02	8	26	2	5	8	8	13.1	22.2	46	10	Dr.
	GIZA	02	8	26	2	5	8	8	13.4	22.4	45	9	Dr.
	HELWAN	20	7	00	0	6	5	9	13.4	18.2	67	12	1
	FAYUM	02	8	30	3	2	10	8	13.9	21.8	47	10	0
	BENI SUEF	02	9	30	1	5	8	9,4	14.2	21.9	52	12	Dr.
	MINYA	01	8	29	4	1	7	8	14	23	36	7	0
	ASYUT												
	NAG HAMMADI	00	8	28	1	0	0	–	13.8	23.7	42	10	0
	QENA	01	9	20	3	1	5	3	13.1	23.4	38	8	0
	LUXOR	00	8	28	3	0	2	8	13	24	41	10	0
	ASWAN	00	9	30	2	0	0	–	13.8	23.5	44	11	0
	SIWA	00	8	28	3	0	0	–	18.7	23.0	61	15	0
	BAHARIYA	02	8	28	2	1	5	8	16.2	22.7	39	8	0
	FARAFRA	0											
	DAKHLA	00	9	28	2	0	0	–	17.6	21.3	59	6	0
	KHARGA	00	8	30	2	0	0	–	15.4	23.2	33	6	0
		01	8	00	0	1	5	9	12.0	22.6	53	13	0
		00	9	28	4	0	0	–	13.0	23.0	36	7	0
		00	9	30	2	0	2	8	12	22	53	12	0
		00	8	02	3	0	0	–	13.8	23.0	51	12	0
		01	8	06	4	1	5	8	8	29	66	22	0
		00	7	28	2	0	0	–	10	29	18	2	0
		01	8	32	3	1	5	1	11	27	55	18	0
		01	8	26	1	1	5	2	4	29	25	7	0
		02	8	28	2	1	10	1	8	31	13	0	0
		02	8	29	2	1	10	1	11	28	33	10	0
		01	8	29	4	0	2			32	29	12	0
		00	7	04	1	0	0	–					0
		00	7	00	0	1	0	–	6	34	22	9	0
		01	7	02	3	1	5	2	3	33	36	16	0

At 1800 on 22nd

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs PPP	Temp. °C TT	Humidity UU	Dew Point	Rain 12-18 G.M.T. mms
SIDI BARANI	01	7	26	4	1	5	9	16.8	19.0	81	16	0
MATRUH	02	7	00	0	1	8	8	16				
EL DABA	20	6	01	4	5	8	9		16.2	87	14	2
ALEXANDRIA	01	5	04	3	2	5	4	16.2	19.0	63	12	0
FOUAD (Airport)	00	7	30	2	8	1	8	15.6	18	68	12	R
DAMIETTA	01		18	3	5	7	9	14.7	16.1	88	14	[illegible]
PORT SAID	01	7	22	2	9	5	8	15	17	77	13	R
EL ARISH	02	9	28	3	2	8	9		16.7	77	13	0
DAMANHUR	01	6	28	2	5	3	8	15.8	16.0	81	13	[illegible]
MANSURA	01	6	24	2	1	5	6	15.1	17.2	78	13	0
TANTA	20	6	08	1	6	8	7	14.6	15.0	86	13	4
ZAGAZIG	00	6	28	2	0	2	8	13.9		84		0
SHIBIN EL KOM	00	7	28	2	1	1	6	13.9	17.8	67	12	0
ISMAILIA	00	5	22	1	6	0	–	15.0	14.8	91	14	[illegible]
FA... (Airport)	01	7	24	2	1	3	6	16	17	88	15	0
ALMAZA	01	7	22	3	1	5	8	15.4	17.0	70	11	Dr.
EZBEKIYA	03	7	00	0	2	10	8	15.8	17.8	75	13	0
GIZA	03	7	00	0	2	10	8	16.0	17.0	72	12	0
HELWAN	00	6	28	2	5	0	–	15.6	16.7	75	13	[illegible]
FAYUM	02	8	00	0	1	5	9	16.0	15.9	81	13	Dr.
BENI SUEF	00	9	30	1	0	0	–	16.4	16.3	68	10	0
MINYA	25	7	32	1	8	9	8	17	15	77	11	3
ASYUT	00	6	22	1	0	0	–	17.2	17.2	63	10	0
NAG HAMMADI	00	8	00	0	0	0	–	16.3	14.9	72	10	0
QENA	01	6	24	2	1	5	3	16.2	16.2	77	12	0
LUXOR	00	7	26	2	0	0	–	16	18			0
ASWAN												
SIWA	00	6	00	0	0	0	–	18.7	15.7	64	9	0
BAHARIYA	01	7	24	1	5	2	8	17.4	18.0	44	5	Dr.
FARAFRA	00	7	30	2	0	0	–	18.7	14.3	54	5	0
DAKHLA	00	8	28	2	0	0	–	19.0	16.7	62	10	0
KHARGA	00	7	30	1	0	0	–	17.6	18.2	41	4	0
	00		00	0	9	0	–	13.5	14.8	90	13	12
	00	8	28	4	0	0	–	12.7	20.5	45	8	
	00	8	30	4	0	0	–	13	18	64	11	0
	00	8		2	0	0	–	12.6	21.0	51	10	0

At 0600 on Tuesday 23rd

Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs PPP	Diff. from normal mbs	Dry Bulb TT	Max. Yesterday TxTx	Diff. from norm.	Min. Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C	Rainfall Past 24 hrs	Total From Oct 1	Norm. From Oct 1	Station
21	9	22	2	6	10	7	17.6		16.0					97	15	Tr.	24		SIDI BARANI
01	8	26	3	1	5	6	17		15	22				82	12	1	8		MATRUH
01	8	24	1	1	5	8			17.0	22		13		80	13	2	6		EL DABA
01	8	00	0	2	5	8	17.5	-0.7	19.8	22	-2	16	0	65	13	5	16	31	ALEXANDRIA
01	8	20	1	8	5	8,4	17.0		17	21		14		88	15	4	13		FOUAD (Airport)
01	4	20	2	1	5	8	16.0	-1.1	14.2	22		14		93	13	Dr.	Dr.	17	DAMIETTA
05	6	24	4	0	1	9	17		17	22		15		88	15	3	3		PORT SAID
29	9	12	1	8	8	9	16.6	-1.0	14.7	22	-2	13	+1	88	13	12	15	14	EL ARISH
01	6	20	2	1	5	8	17.1	-1.2	15.8	23	-2	12	-1	89	14	1	1	13	DAMANHUR
01	7	20	1	1	5	6	16.8	-0.7	15.5	25	0	12	-1	86	14	0	Dr.	7	MANSURA
02	6	04	1	2	8	7	17.9	-0.4	15.6	24	-1	10	-2	93	15	4	4	6	TANTA
13	6	24	1	2	8	8,6	17.6	-0.4	14.8	26	+1	12	0	89	13	Dr.	Dr.	5	ZAGAZIG
50	6	30	2	5	8	9	17.0	-1.0	13.1	22		11		72	8	Dr.	Dr.		SHIBIN EL KOM
01	8	24	1	1	3	4	17.4		16.0	24		13		78	12	3	3		ISMAILIA
81	7	16	2	2	10	6	18		15	22		13		82	12	Dr.	Dr.		FA... (Airport)
05	6	16	3	2	7	8	18.0	+0.2	14.8	24		13		81	11	Dr.	Dr.		ALMAZA
05	7	00	0	5	10	10	18.2	+0.4	14.9	23	-2	13	0	83	12	Dr.	Dr.	3	EZBEKIYA
05	7	00	0	5	10	10	18.3	+0.4	14.5	25	+1	11	0	87	12	Dr.	Dr.	5	GIZA
09	5	10	1	1	9	6	18.6	+0.2	13.9	22	-2	11	-2	88	12	1	1	3	HELWAN
00	8	00	0	0	0	–	17.8	-0.3	15.8	23	-3	12	0	75	12	Dr.	Dr.	0	FAYUM
00	9	18	1	0	0	–	19.5		16.1	23		11		71	11	Dr.	Dr.		BENI SUEF
05	5	00	0	0	0	–	19		14	24		10		77	10	3	3		MINYA
00	7	26	1	0	0	–	19.5	+1.5	15.3	22	-2	11	0	76	11	0	0	1	ASYUT
00	8	00	0	0	0	–	18.3	+1.5	20.9	24		9		41	7	0	0		NAG HAMMADI
00	8	24	2	0	0	–	18.6	+1.5	15.0	25	-4	12	0	78	11	0	Dr.		QENA
00	8	18	1	0	0	–	19		16	24		10		68	10	0	Dr.		LUXOR
00	9	28	1	0	0	–	18.3	+1.7	15.0	25	-4	15	0	58	7	0	Dr.		ASWAN
00	7	00	0	0	0	–	21.1	+1.9	12.8	24	-1	8	0	77	9	0	0	1	SIWA
00	8	28	1	0	0	–	19.6	+0.8	16.6	23	-2	10	0	55	8	Dr.	Dr.	1	BAHARIYA
00	8	20	2	0	0	–	20.7		13.4	24		6		56	4	0	Dr.		FARAFRA
00	8	00	0	0	0	–	20.5	+2.	12.9	23	-4	9	-2	55	4	0	Dr.		DAKHLA
00	7	00	0	0	0	–	19.5	+2.0	14.8	23	-5	9	-2	62	8	0	0		KHARGA
00	5	00	0	0	0	–	17.1	0.0	15.8	24	-1	12	-2	81	13	12	12	5	
00	9	04	1	0	0	–	17.3	+1.1	19.0					54	10	0	0	3	
00	9	26	2	0	2	8	17		18			13		52	8	0	0		
01	8	30	3	0	3	3	16.6	+0.5	20.4	25	-2	16	-3	47	8	0	0	2	
																3	30	46	
																0	0		
																0	3	1	
																0	7	2	
00	8	02										16				0	10	4	
																0	2	8	
00	9	32	3	0	0	–	15		18					30	0	0	11	12	
																0	0	48	
																0	2	35	
																0	0	16	
																0	0	6	
00	8			0	0	–	13					16						4	
00	8	02	4	0	0	–	12		21			17		35	5	0	69	85	
00	8	02	1	0	0	–	12		21			16		65	14	0	261	141	
01	7	16	1	1	7	4,1	12		25			16		54	15	0	118	121	

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09

22nd

58	-7
68	0
68	-4
71	+14

23rd 6.8

23rd

	14	81	180	7
460	15	75	180	7
3380	11	75	310	10
4940	8	85	320	16
6580	4	85	320	23
10120	5		310	24
14410	-8		320	25
18660	-20		330	25
30050	-44		330	40
39270			8	12

22nd

Fouad A/p.
14 30

330 17
330 16
320 17
Ent. Cb

23rd

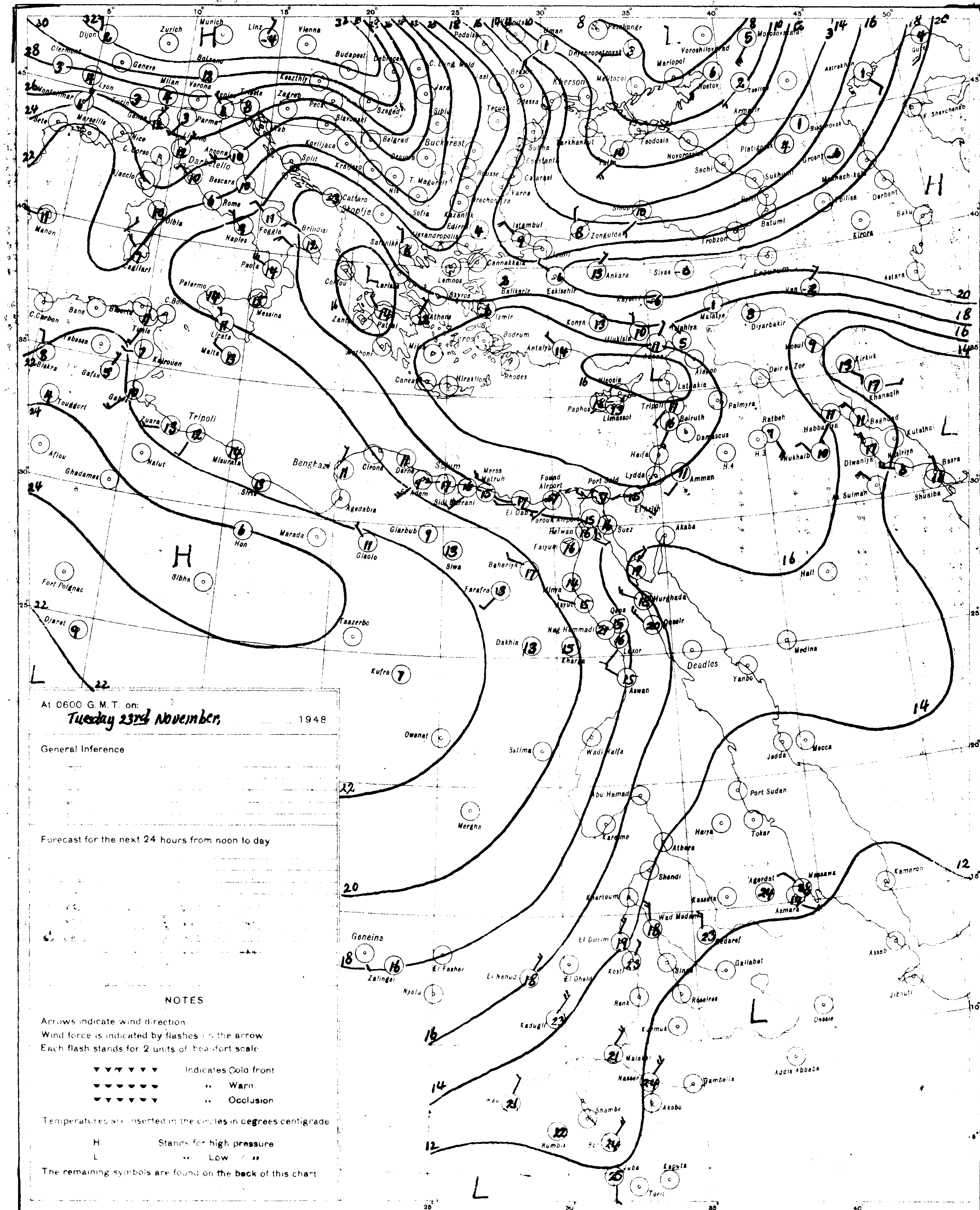
5	4 45	3 30	3	9	9 45	4	6 30 A/P	6	5	
300 17	310 16	290 16	250 7	150 3	160 7	320 9	330 3	290 6	360 5	320 12
320 22	330 16	300 12	290 8	260 6	230 5	320 10	350 10	340 15	350 19	320 14
330 24	330 16	300 14	310 9	270 15	250 11	320 10	340 13	350 16	10 19	310 16
Ent. Ns.		270 14	320 14	280 4	Ent. Cb.	310 13	360 17	340 11	360 24	330 16
		290 14	310 20	300 9		300 17	340 16	360 13	360 22	350 14
			310 21	Ent. Cb			340 10		340 8	320 11
			310 23				350 12		300 10	20 6
			320 26							350 6
			330 23							330 15
			320 29							

5	5	8	8
330 14	350 5	10 5	330 20
330 22	10 11	10 17	340 20
330 25	360 18	360 23	340 19
330 24	360 13	360 16	110 15
330 27			290 7
320 16			260 12
330 24			
340 20			

4 15	3 45
30 15	90 22
50 22	20 26
360 4	40 13
350 6	

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



SCALE 1:15,000,000

OAIRO

Time of Sunrise 04 27 G.M.T.

" " Sunset 14 56 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: Wednesday 24th November, 1948.

At 1200 on Tuesday 23rd

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARANI												
	160	MATRUH	01	8	30	3	2	3	8	16	22	57	13	0
	134	EL DABA	01	7	24	4	1	5	9		21.0	58	12	0
	132	ALEXANDRIA	01	9	24	2	2	5	8	16.2	21.0	65	14	0
	150	FOUAD (Airport)	01	8	28	2	1	5	8,6	15.8	22	53	12	0
	159	DAMIETTA	01	8	26	2	1	5	8	15.6	20.9	56	12	0
	161	PORT SA'ID	00	8	26	3	0	2	6	16	22	61	14	0
	135	EL ARISH	01	9	24	2	1	5	8		20.4	68	14	0
Lower Egypt	136	DAMANHUR	01	7	20	3	1	5	8	16.7	23.8	52	14	0
	137	MANSURA	01	8	20	2	1	5	8	16.6	22.2	63	14	0
	138	TANTA	01	8	04	1	1	3	8	17.2	22.0	59	13	0
	139	ZAGAZIG	01	6	24	1	1	5	8	16.4	20.8	73	16	0
		SHIBIN EL KOM	01	8	22	3	1	3	8	16.4	24.3			0
		ISMAILIA	01	6	22	2	1	5	4	16.2	21.8	51	11	0
Cairo Area	928	FAROUK (Airport)	01	8	20	3	1	5	8	16	22	57	13	0
	141	ALMAZA	02	7	20	2	2	8	8	16.2	22.0	47	10	0
		EZBEKIYA	01	8	00	0	2	7	6,4	16.3	22.4	50	11	0
		GIZA	01	8	00	0	2	7	6,4	16.4	23.0	52	13	0
	143	HELWAN	01	7	16	1	1	3	8	16.6	20.8	56	12	0
Upper Egypt	153	FAIYUM	01	8	32	1	1	5	8	16.3	23.0	52	13	0
		BENI SUEF	01	9	30	1	0	5	9,4	17.0	24.2	48	12	0
	162	MINYA	01	7	00	0	0	3	8	17	24	41	10	0
	155	ASYUT	00	6	26	1	0	0	–	16.7	22.2	50	11	0
	164	NAG HAMMADI	00	8	00	0	0	0	–	15.5	24.4			0
	156	QENA	00	9	24	3	0	0	–	15.4	22.7	52	13	0
	157	LUXOR	00	8	32	2	0	0	–					0
	158	ASWAN	00	9	32	2	0	0	–	15.4	23.0	44	10	0
Desert	148	SIWA	00	8	20	3	0	0	–		23.2	68	17	0
	149	BAHARIYA	01	8	28	1	1	3	8	17.6	21.8	51	11	0
		FARAFRA	00	8	30	1	0	D.		19.4	22.7	41	9	0
	152	DAKHLA	00	9	28	2	0	0	–	17.1	22.1	35	6	0
	151	KHARGA	00	8	32	1	0	0	–	17.1	23.0	32	5	0
Red Sea	144	SUEZ	02	7	00	0	2	8	9	15.4	21.9	59	13	0
	145	TOR	00	9	28	4	0	0	–	15.2	22.2	59	14	0
	163	HURGHADA	00	9	31	3	0	2	8	16	22	57	13	0
	[illegible]	QUSEIR	01	8	32	4	0	3	3	15.4	23.3	57	14	0
	[illegible]	PORT SUDAN												
Sudan	[illegible]	WADI HALFA												
	[illegible]	KAREIMA	01	8	04	4	0	3		13	26	16	-2	0
	[illegible]	ATBARA	01	7	22	3	0	5						0
	[illegible]	KHARTOUM												
	[illegible]	KASSALA	00	8	30	1	0	2						0
	[illegible]	WAD MEDANI												
	[illegible]	RENK												
	[illegible]	[illegible]												
	[illegible]	EL OBEID	00	8	02	2	0	0	–		27	17	0	0
	[illegible]	EL FASHER												
	[illegible]	GENEINA												
		MALAKAL	00	8	32	3	0	tr.	4		31	17	3	0
		WAU	00	8	32	2	0	0	–					
		JUBA												

At 1800 on 23rd

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARANI	13	7	26	2	1	5	7	17.9	19.1	82	16	0
MATRUH	00	7	25	3	1	tr.	6	18	21	77	12	0
EL DABA	01	6	04	1	1	5	8		20.0	89	13	0
ALEXANDRIA	01	5	24	3	2	5	4	17.1	20.0	60	12	0
FOUAD (Airport)	00	7	24	2	0	0	–	17	20	64	13	0
DAMIETTA	00		18	2	0	0	–	17.2	15.8	83	13	0
PORT SA'ID	00	7	24	1	0	tr.	6	18	18	78	14	0
EL ARISH	00	9	28	3	0	2	8		17.6	75	13	0
DAMANHUR	00	6	20	2	1	0	–	17.4	17.0	78	13	0
MANSURA	00	6	24	2	1	0	–	17.8	16.8	83	14	0
TANTA	01	8	08	1	1	5	8	18.6	16.6	79	13	0
ZAGAZIG	00	6	28	2	0	2	8	18.8	16.0	79	12	0
SHIBIN EL KOM	00	7	28	1	1	tr.	6	18.4	18.4	62	11	0
ISMAILIA	00	6	22	1	0	0	–	17.5	16.8	80	14	0
FAROUK (Airport)	00	7	16	2	0	0	–	18	17	77	13	0
ALMAZA	00	7	16	2	0	0	–	18.1	16.5	63	10	0
EZBEKIYA	00	7	00	0	0	0	–	18.0	16.3	76	12	0
GIZA	00	7	00	0	0	0	–	18.0	14.9	84	12	0
HELWAN	01	6	00	0	5	5	8	18.3	17.8	64	11	Dr.
FAIYUM	00	8	00	0	0	tr.	8	18.2	17.1	61	9	0
BENI SUEF	00	9	18	1	0	0	–	18.4	16.3	65	10	0
MINYA	00	7	00	0	0	0	–	18	15	72	10	0
ASYUT	00	6	22	1	0	0	–	17.6	15.2	56	6	0
NAG HAMMADI	00	8	00	0	0	0	–	17.5	17.2	70	12	0
QENA	00	6	24	2	0	0	–	17.5	16.6	73	12	0
LUXOR	00	7	00	0	0	0	–	17	19	46	7	0
ASWAN	00	9	32	2	0	0	–	17.0	20.0	50	9	0
SIWA	00	6	00	0	0	0	–	20.0	13.3	82	10	0
BAHARIYA	00	7	28	1	1	0	–	19.4	15.5	68	10	0
FARAFRA	00	7	28	2	1	0	–	20.0	15.8	61	8	0
DAKHLA	00	8	28	1	0	0	–	19.1	19.2	59	11	0
KHARGA	00	7	00	0	0	0	–	18.3	16.3	46	4	0
SUEZ												
TOR	00	8	28	1	0	0	–	16.7	18.0	52	8	0
HURGHADA	00	9	26	2	0	0	–	18	18	46	6	0
QUSEIR	00	8	32	3	0	0	–	16.7	21.6	61	14	0

At 0600 on Wednesday 24th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Max. Yesterday TxTx	Diff. from norm.	Min. Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1
SIDI BARANI	01	9	20	2	1	5	7,5	18.0		16.8	22		13		85	14	tr.	24	
MATRUH											23							8	
EL DABA	00	8	24	1	0	0	–			17.0	22		12		80	14	0	6	
ALEXANDRIA	02	9	20	3	2	8	7,5	17.6	-0.7	17.0	23	-1	15	0	77	13	0	16	33
FOUAD (Airport)	02	7	22	3	2	9	8,4	17.7		17	22		15		88	15	tr.	13	
DAMIETTA	00		18	3	0	1	8	17.6	+0.5	14.8	22		11		85	13	0	Dr.	18
PORT SA'ID	00	7	22	3	1	1	9	18		17	22		16		77	13	0	3	
EL ARISH	00	9	18	1	0	1	8	18.3	+0.6	15.4	22	-2	12	0	81	12	0	15	14
DAMANHUR	01	6	20	3	5	3	8	17.6	-0.7	15.8	24	-1	13	0	83	13	Dr.	1	13
MANSURA	01	7	20	1	1	5	6	18.3	+0.8	15.2	23	-2	12	-1	86	13	0	Dr.	7
TANTA	01	8	20	2	1	5	8	19.0	+0.7	15.0	24	-1	11	0	78	11	0	4	7
ZAGAZIG	00	6	16	1	0	0	–	19.0	+1.0	14.8	23	-2	12	0	78	11	0	Dr.	5
SHIBIN EL KOM	00	7	22	2	0	0	–	18.7	+0.6	13.2	25		12		75	9	0	Dr.	
ISMAILIA	00	5	18	1	0	2	4	18.7		17.2	23		13		69	11	0	3	
FAROUK (Airport)	00	7	18	4	0	1	8	19		16	23		14		68	10	0	Dr.	
ALMAZA	00	7	17	3	0	0	–	18.6	+0.7	16.9	23		14		60	9	0	Dr.	
EZBEKIYA	00	7	18	1	0	0	–	19.5	+1.6	15.4	24	-1	14	+1	64	8	0	Dr.	3
GIZA	00	7	18	1	0	0	–	19.4	+1.5	16.2	24	0	13	+2	67	10	0	Dr.	5
HELWAN	00	6	12	1	0	0	–	19.6	+1.2	15.8	22	-2	13	0	60	8	Dr.	1	3
FAIYUM	00	8	00	0	0	0	–	20.0	+1.8	14.0	25	-1	11	-1	70	9	0	Dr.	0
BENI SUEF	00	9	18	1	0	0	–	19.6		16.1	25		9		65	9	0	Dr.	
MINYA	05	6	00	0	0	0	–	20		14	24		8		67	8	0	3	
ASYUT	00	7	26	1	0	0	–	20.7	+2.6	14.8	24	-1	10	-1	60	7	0	0	1
NAG HAMMADI	00	8	00	0	0	0	–	21.2	+4.3	15.6	26		8		64	9	0	0	
QENA	00	7	24	2	0	0	–	20.3	+3.1	14.1	24	-5	11	-1	76	10	0	Dr.	
LUXOR	00	8	00	0	0	0	–	20		17	24		8		56	8	0	Dr.	
ASWAN	00	9	32	2	0	0	–	19.4	+2.6	16.5	24	-5	13	-2	61	8	0	Dr.	
SIWA	00	7	00	0	0	0	–	21.6	+2.3	13.8	24	0	10	+2	63	7	0	0	1
BAHARIYA	01	8	24	1	1	5	8	21.1	+2.2	16.6	23	-2	11	+1	64	10	0	Dr.	2
FARAFRA	00	8	18	2	0	0	–	21.0		9.7	24		6		65	4	0	Dr.	
DAKHLA	00	8	00	0	0	0	–	21.6	+3.1	11.2	23	-4	8	-3	59	3	0	Dr.	
KHARGA	00	8	00	0	0	0	–	21.5	+3.9	16.4	24	-4	9	-2	59	8	0	c	
SUEZ	00	6	00	0	0	2	6	18.2	+1.1	16.0	24	-1	11	-3	79	12	0	12	5
TOR	00	9	04	2	0	0	–	17.5	+1.2	15.5			12	-1	56	7	0	0	3
HURGHADA	00	9	23	1	0	Tr.	8	18		18	23		12		52	8	0	0	
QUSEIR	00	8	30	3	0	2	3	18.2	+2.1		24	-3	17	-2	51		0	0	2
PORT SUDAN	01	9	30	4	1	9	6	15		25					51	14	0	30	47
WADI HALFA																		0	
KAREIMA																		3	1
ATBARA																		7	2
KHARTOUM	02	8	30	3	1	10	2	15		19					46	7	0	10	4
KASSALA																		2	8
WAD MEDANI																		11	12
RENK																		0	48
[illegible]																		2	35
[illegible]																		0	16
[illegible]																		0	6
GENEINA	00	8	04	3	0	1	2			16					28	-3			4
MALAKAL	00	8	02	4	0	0	–	13		22			11		23	0	0	69	85
WAU																		261	141
JUBA																		118	121

Upper Air Observations 23rd

	23rd	
Almaza	59	-6
Ezbekiya	72	+4
Giza	79	+7
Helwan	71	+14

24th 7.3

Fouad A.P. 15	Port Said 14 30	Minya A.P. 14 30
280 8	300 6	340 5
310 1	300 6	300 3
270 16	280 11	280 4
330 16	270 17	270 16
320 35		260 17
190 33		

Upper Air Observations 24th

6	4	Almaza 9 30	Helwan 7 15	Minya 3	Asyut A.P. 6 30	6	5	5 15
280 15	250 19	240 4	170 10	350 8	360 12	360 4	20 5	310 19
290 6	250 17	260 6	250 7	330 17	350 14	360 11	10 24	330 17
290 18	260 14	260 7	280 12	330 14	350 15	360 13	50 19	310 13
	260 19	270 4	300 12	350 18	10 11	10 5	50 19	290 3
		250 5	310 12	340 16	270 3	90 4	50 5	300 4
		220 11	270 19		220 10		100 5	
		240 8			210 10			
		230 10						
		250 10						

5	5	5 45	8	4	3 30	4	3 15
300 19	20 3	10 11	320 12		10 9		
310 24	30 9	10 16	40 10	40 23	10 11	360 19	10 18
320 28	20 16	10 14	40 13	40 21		10 22	20 14
340 19	360 16	360	300 6	180 3	40 24	320 5	200 10
330 16	10 16	120 3	270 6	190 9	10 26	290 3	340 13
330 12			190 16			340 67	

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mist, Fog in last hour	41
Thick [illegible]	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
[illegible] of Snow	83-84
[illegible] of Sleet	85-86
[illegible] of Hail	88-89
Thunderstorm	90-99

PAST WEATHER (W)

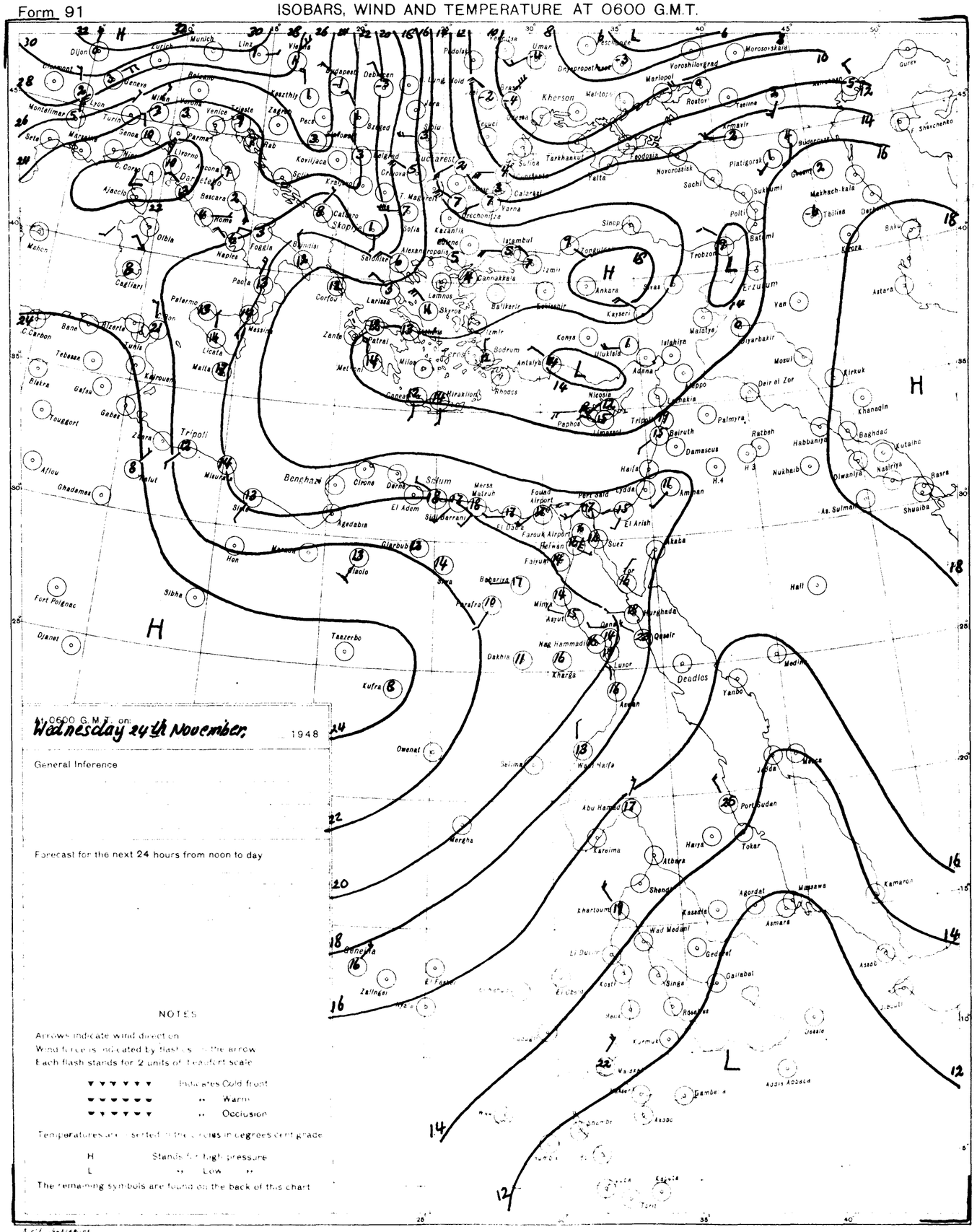
WIND DIRECTION (DD)

00 = Calm

G.M.T.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: **Wednesday 24th November** 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction

Wind force is indicated by flashes on the arrow

Each flash stands for 2 units of Beaufort scale

▼▼▼▼▼▼ Indicates Cold front

▼▼▼▼▼▼ " Warm "

▼▼▼▼▼▼ " Occlusion "

Temperatures are recorded in the circles in degrees cent grade

H Stands for High pressure

L " Low "

The remaining symbols are found on the back of this chart

SCALE 1:15 000 000

CAIRO

Time of Sunrise 04 28 G.M.T.
" " Sunset 14 55 G.M.T.

MINISTRY OF NATIONAL DEFENCE. METEOROLOGICAL DEPARTMENT, EGYPT

Form 91

DAILY WEATHER REPORT

Date: THURSDAY 25th NOVEMBER, 1948.

At 1200 on WEDNESDAY 24th

Index Number	Station	Present Weather (ww)	Visibility (V)	Wind Direction (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount 0-10	Cloud Form (C)	Bar. Press. M.S.L. mbs (PPP)	Temp. °C (TT)	Humidity % (UU)	Dew Point °C	Rain 6-12 G.M.T. mms
146	SIDI BARANI	02	9		4	1	8	8	16.0	22.1	65	15	0
160	MATRUH	01	8	01	3	1	7	8	16	22	61	14	0
134	EL DABA	01	8	24	2	1	5	8		23.0	44	10	0
	ALEXANDRIA	01	9	24	2	6	5	8	16.6	21.0	65	14	1
	FOUAD (Airport)	01	8	24	3	8	5	8	16.7	21	61	13	3
	DAMIETTA	90	7	22	3	6	9	9	15.8	20.9	61	13	3
	PORT SAID	00	8	25	2	0	2	9	16	23	61	15	0
	EL ARISH	01	9	30	2	1	5	8	16.6	21.4	68	15	0
	DAMANHUR	01	7	28	4	1	5	8	17.1	22.3	57	13	0
	MANSURA	01	8	30	2	1	5	6	16.3	21.8	63	14	0
	TANTA	01	8	20	4	1	5	8	17.4	23.0	52	13	0
	ZAGAZIG	00	6	24	1	0	0	-	16.2	22.8	50	12	0
	SHIBIN EL KOM	01	8	28	3	1	5	8	16.8	23.9	33	06	0
	ISMAILIA	01	7	22	1	1	5	6	16.3	23.8	41	10	0
	FAROUK (Airport)	00	8	24	5	0	1	8	16	23	44	10	0
	ALMAZA	01	7	22	3	0	5	8	16.8	23.8	33	07	0
	EZBEKIYA	01	8	26	1	1	5	8	16.8	24.2	39	09	0
	GIZA	01	8	26	1	1	5	8	17.0	25.0	37	09	0
	HELWAN	01	8	22	2	1	5	8	16.7	23.7	38	09	0
	FAYUM	01	8	30	2	1	5	8	16.7	24.3	45	11	0
	BENI SUEF	01	9	30	1	0	5	8	17.1	25.8	43	12	0
	MINYA	01	8	29	1	0	3	8	18	24	41	10	0
	ASYUT	00	8	26	1	0	0	-	17.0	23.3	43	10	0
	NAG HAMMADI	00	8	24	1	0	0	-	16.2	25			0
	QENA	00	8	24	2	0	0	-	16.3	22.2	44	09	0
	LUXOR	00	8	26	1	0	0	-	16	25	42	11	0
	ASWAN	00	9	30	2	0	0	-	15.5	24.2	38	09	0
	[illegible]	00	8	24	3	0	0	-	19.8	23.0	65	16	0
	[illegible]	02	8	24	1	1	8	8	18.3	24.5	36	08	0
	[illegible]	01	8	06	1	1	5	6	19.5	24.5	42	10	0
	[illegible]	00	9	05	2	0	0	-	18.0	22.3	38	07	0
	[illegible]	00	8	04	1	0	0	-	17.9	23.0	39	08	0
	[illegible]	01	8	00	0	1	5	8	16.9	23.3	56	14	0
	[illegible]	00	7/9	28	2	0	0	-	16.6	23.2	49	12	0
	[illegible]	00	7	02	1	0	0	-	17	23	44	10	0
	[illegible]	00	8	32	3	0	6	3	16.2	21.0	58	12	0

At 1800 on 24th

Station	Present Weather (ww)	Visibility (V)	Wind Direction (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount 0-10	Cloud Form (C)	Bar. Press. M.S.L. mbs (PPP)	Temp. °C (TT)	Humidity (UU)	Dew Point	Rain 12-18 G.M.T. mms
SIDI BARANI	07	7	24	4	1	3	6	16.4	17.8	80	14	0
MATRUH	07	7	24	3	5	5	8	16	17	64	10	tr
EL DABA	29	6	00	0	9	8	9		20.0	55	11	R
ALEXANDRIA	00	5	00	0	0	0	-	17.0	18.8	73	14	0
FOUAD (Airport)	00	7	14	2	0	0	-	17	15	88	13	0
DAMIETTA	07		20	2	0	0	-	16.7	15.6	88	14	0
PORT SAID	00	7	27	2	8	[illegible]	6	17	16	89	14	dr
EL ARISH	01	9	32	2	1	3	6	17.5	16.2	77	15	0
DAMANHUR	00	6	32	2	1	2	8	17.6	17.0	78	13	0
MANSURA	00	6	24	2	1	0	-	17.8	16.5	79	12	0
TANTA	01	8	00	0	1	5	8	18.0	17.0	80	13	0
ZAGAZIG	0	6	28	2	2	5	8	17.8	16.2	82	13	0
SHIBIN EL KOM	00	7	28	2	0	0	-	17.8	17.9	71	13	0
ISMAILIA	00	7	26	1	0	0	-	17.2	16.8	80	13	0
FAROUK (Airport)	00	7	00	0	0	0	-	17	18	74	12	0
ALMAZA	00	7	00	0	0	0	-	17.8	17.0	56	08	0
EZBEKIYA	00	7	00	0	0	0	-	17.8	16.3	72	11	0
GIZA	00	7	00	0	0	0	-	17.4	14.0	87	12	0
HELWAN	00	8	00	0	0	0	-	18.3	19.1	55	10	0
FAYUM	01	8	00	0	1	5	8	17.6	16.1	76	12	0
BENI SUEF	00	9	18	1	0	0	-	17.6	15.1	76	11	0
MINYA	00	7	00	0	1	0	-	18	16	68	10	0
ASYUT	00	6	22	1	0	0	-	18.4	16.8	63	10	0
NAG HAMMADI	00	8	00	0	0	0	-	17.5	16.8	74	12	0
QENA	00	6	24	2	0	0	-	16.8	17.8	63	11	0
LUXOR	00	7/9	00	0	0	0	-	17	16	34	00	0
ASWAN	00	9	00	0	0	0	-	16.6	20.8	43	08	0
[illegible]	00	6	00	0	0	0	-	19.5	17.8	75	13	0
[illegible]	01	7	24	1	1	3	8	19.2	16.5	56	07	0
[illegible]	00	7	26	2	0	0	-		15.5	54	06	0
[illegible]	00	8	28	1	0	0	-	19.5	17.9	62	11	0
[illegible]	00	7	00	0	0	0	-	19.4	16.8	47	05	0
[illegible]	00		00	0	0	0	-	16.7	18.1	78	14	0
[illegible]	00	8	28	2	0	0	-	16.2	18.8	54	10	0
[illegible]	00	8	23	1	0	0	-	16	18	56	09	0
[illegible]	00	8	28	3	0	0	-	16.2	20.3	56	11	0

At 0600 on THURSDAY 25th

Station	Present Weather (ww)	Visibility (V)	Wind Direction (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount 0-10	Cloud Form (C)	M.S.L. mbs (PPP)	Diff from normal mbs	Dry Bulb (TT)	Max. Yesterday (TxTx)	Diff from norm.	Min. Today (TnTn)	Diff from norm.	Humidity % (UU)	Dew Point °C	Rainfall Past 24 hrs	Total From Oct. 1	Norm From Oct. 1
SIDI BARANI	02	9	20	3	1	8	9	15.2		15.2	23		12		86	13	0	24	
MATRUH	01	8	24	3	0	5	9	15		14	24		12		77	10	tr	9	
EL DABA	01	8	24	1	1	5	6	14.8		16.0	23		11		70	11	R	6	
ALEXANDRIA	0.	9	20	3	2	5	8	14.7	-3.6	16.8	22	-1	15	0	70	12	1	17	34
FOUAD (Airport)	01	8	22	3	1	5	9	14.7		15	22		14		72	10	3	16	
DAMIETTA	01		18	2	1	5	8	14.8	-2.3	13.9	23		10		77	10	3	3	18
PORT SAID	01	7	21	4	0	5	9	16		17	23		16		64	10	dr	3	
EL ARISH	01	9	18	2	1	3	6	15.9	-1.8	17.4	24	0	12	0	69	11	0	15	15
DAMANHUR	01	6	24	4	1	5	4	15.8	-2.5	15.3	24	0	12	0	69	09	0	1	13
MANSURA	01	7	16	1	1	5	4	15.6	-2.0	16.2	25	0	11	-2	72	11	0	dr	8
TANTA	01	8	20	1	1	3	8	15.7	-0.1	14.0	24	-1	10	-1	69	08	0	4	7
ZAGAZIG	01	6	20	1	1	5	4	16.2	-1.9	15.4	25	0	12	+1	66	09	0	dr	5
SHIBIN EL KOM	00	7	22	2	0	1	8	16.3	-1.8	13.1	26		11		74	08	0	dr	
ISMAILIA	00	5	14	1	0	0	-	16.4		15.8	25		13		66	10	0	3	
FAROUK (Airport)	00	7	18	4	0	6	4	16		16	24		14		64	09	0	dr	
ALMAZA	00	7	16	3	0	0	-	16.5	-1.4	17.2	24		14		51	07	0	dr	
EZBEKIYA	00	7	18	1	0	0	-	17.0	-0.9	15.0	25	0	13	0	66	09	0	dr	3
GIZA	00	7	18	1	0	0	-	17.2	-0.8	16.0	26	+2	11	0	69	10	0	dr	5
HELWAN	00	7	14	1	0	1	4	17.1	-1.4	15.7	24	0	13	0	61	08	0	1	3
FAYUM	00	8	00	0	0	0	-	17.6	-0.6	16.5	25	0	11	0	62	09	0	dr	0
BENI SUEF	00	9	14	1	0	0	-	17.1		16.8	26		10		59	09	0	3	
MINYA	05	6	00	0	0	0	-	18		14	24		10		67	08	0	3	
ASYUT	00	7	26	1	0	0	-	18.7	+0.5	16.4	24	-1	11	0	61	08	0	0	1
NAG HAMMADI	00	8	24	1	0	0	-	17.4	+0.5	16.4	26		9		69	10	0	0	
QENA	00	8	24	2	0	0	-	16.4	-0.8	15.1	25	-3	11	-1	74	10	0	dr	
LUXOR	00	8	00	0	0	1	1	17		17	26		08		49	06	0	dr	
ASWAN	00	9	00	0	0	0	-	17.1	+0.2	17.8	26	-3	12	-3	70	12	0	dr	
[illegible]	00	7	00	0	0	0	-	18.7	-0.6	12.8	24	0	9	+1	68	07	0	0	1
[illegible]	01	8	16	1	1	3	8	19.1	+0.2	15.0	25	0	9	-1	58	07	0	dr	2
[illegible]	00	8	00	0	0	0	-	19.6		12.0	25		5		63	05	0	dr	
[illegible]	00	8	00	0	0	0	-	20.0	+1.4	9.5	23	-3	6	-4	61	03	0	dr	
[illegible]	00	8	00	0	0	0	-	18.5	+[illegible]	14.8	24	-3	4	-7	64	08	0	0	
[illegible]	00	6	00	0	0	0	-	16.3	-0.9	16.6	25	0	11	-3	72	12	0	12	5
[illegible]	00	4	04	1	0	0	-	15.8	-0.5	16.5	25	0	11	-2	66	10	0	0	3
[illegible]	00	9	24	2	0	6	8	16		18	23		12		46	06	0	0	
[illegible]	00	8	30	3	0	6	1	16.0	-0.2	20.6	24	-3	17	-2	47	09	0	0	2
																	0	30	49
																	0	0	
																	0	3	1
																	0	7	2
																	0	10	4
																	0	2	8
																	0	11	12
																	0	0	48
	01	8	32	4				16		17					37	02	0	2	35
	01	8	24	1													0	0	16
																	0	0	6
																	0		4
																	0	69	85
																	0	266	141
																	0	118	122

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06

24 th
71 +6
61 -7
70 -2
53 -4

25 th 6.5

25 th 4

1008	14	60	180	12
450	13	65		
3340	8	65		
4880	4	65		
6480	0	75		
9960	-4	-		
13900	-11	-		
18420	-20	-		
30240	-45	-		
38900	-54	-		

24 th

ALMAZA 14		MATRUH 14 45		PORT SAID 14		MINYA 15	
300	3	290	10	280	12	10	7
300	4	250	10	300	16	10	6
280	4	250	16	280	17	350	9
260	7	250	22	260	23	330	10
240	9	260	21	250	18	320	12
250	10	EntCu				ENT. Sc.	
220	12						
230	10						

25 th

5 4 30 3 4

280	20	270	16	280	15	240	25
280	20	280	20	250	13	250	22
290	21	280	21	220	18	240	21
280	18	270	27	170	18	240	29
280	19	260	23	220	12	260	9
280	23	270	20	200	10	250	15
		10	26				

8 30 7 15 3 30

220	7	180	5	330	10
260	8	250	9	310	24
240	8	260	16	310	24
230	8	230	20	320	12
250	7	270	10	320	4
		250	18	300	13

6 5 5

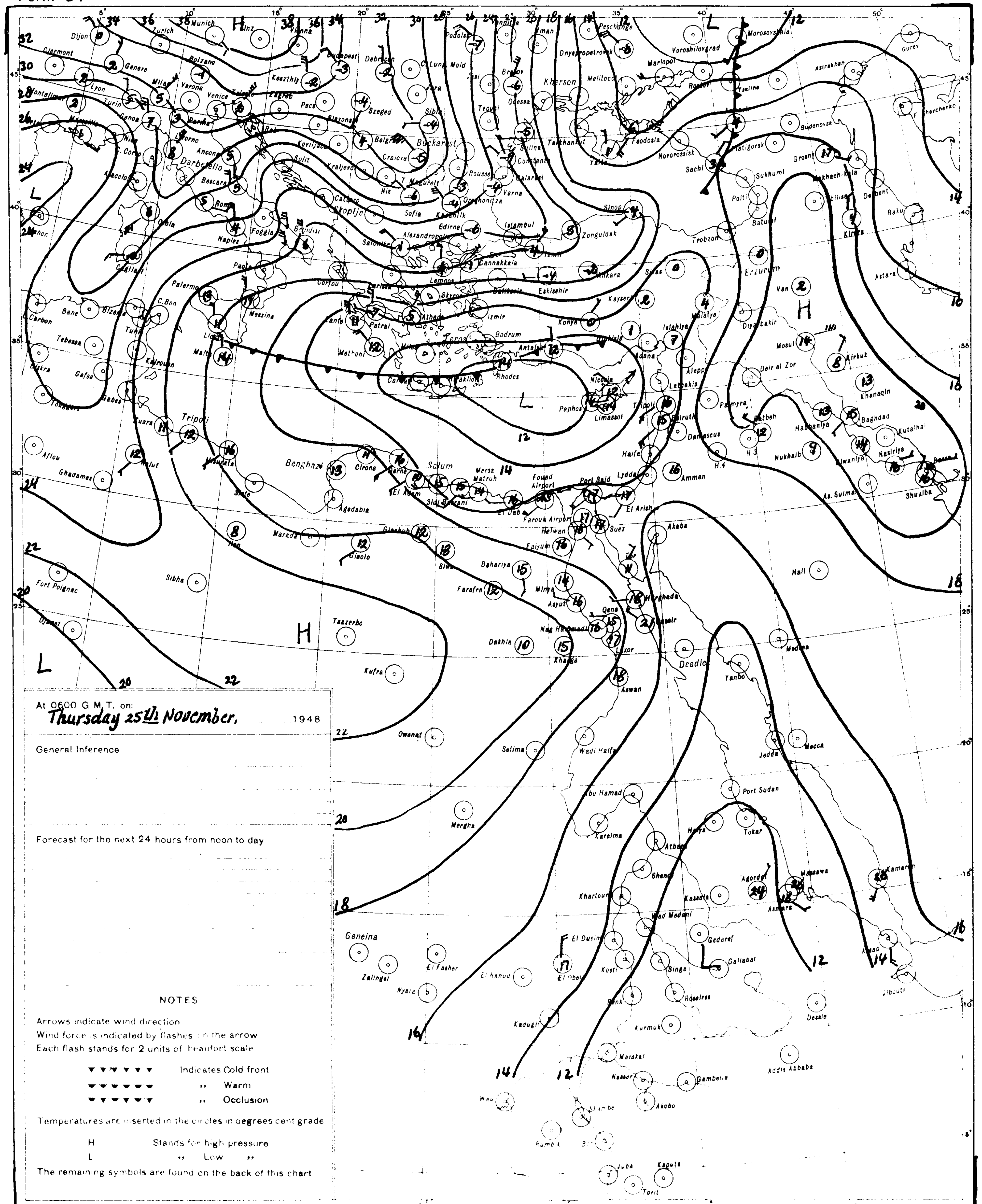
280	1	360	5	280	19
100	9	10	19	280	22
20	18	20	10	280	23
220	6	290	5	290	24
		20	5	280	26
		310	10	270	17
		230	16	250	19
				270	20

5 5 5 45 9

340	18	340	3	10	6	340	10
340	23	360	6	360	16	320	9
340	18	10	7	360	12	300	11
330	18	330	4	30	8	290	10
320	15	310	8	330	6	200	15
350	16	290	12	280	15		
330	16	260	27	260	26		
320	16			270	35		

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
Thursday 25th November, 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

▼ ▼ ▼ ▼ ▼ ▼ Indicates Cold front
▼ ▼ ▼ ▼ ▼ ▼ ,, Warm
▼ ▼ ▼ ▼ ▼ ▼ ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

S o F 948 (48/195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 29 G.M.T.
" " Sunset 14 55 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: Friday 26th November, 1948.

At 1200 on Tuesday 25th

Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
146	SIDI BARANI	21	9	24	4	5	8	8,4	12.8	19.4	79	15	Dr.
160	MATRUH	02	8	27	3	1	8	6,5	13	21	50	10	0
134	EL DABA	01	7	28	2	1	5	9	12.2	20.1	49	9	0
132	ALEXANDRIA	01	9	20	5	2	5	8	12.2	21.0	49	10	0
150	FOUAD (Airport)	01	8	22	4	1	3	9	12.2	22	50	11	0
159	DAMIETTA	00	8	22	4	0	2	8	12.3	22.0	44	9	0
161	PORT SA'ID	00	8	22	4	0	2	9	12	22	50	11	0
135	EL ARISH	00	9	22	3	0	2	8	12.3	23.7	36	7	0
136	DAMANHUR	00	6	24	6	1	0	–	13.4	22.2	43	9	0
137	MANSURA	01	8	24	2	1	5	8	12.8	23.5	49	12	0
138	TANTA	01	8	20	5	1	3	8	13.9	22.4	44	9	0
139	ZAGAZIG												
	SHIBIN EL KOM	01	8	22	4	1	5	8	13.6	23.9	45	10	0
	ISMAILIA	01	6	22	4	1	5	6	12.0	22.6	31	4	0
028	FAROUK (Airport)	01	8	24	5	1	3	8	13	23	41	9	0
141	ALMAZA	01	8	20	5	1	5	8	13.3	23.8	27	3	0
	EZBEKIYA	01	8	18	2	2	7	8	13.8	23.5	35	8	0
	GIZA	01	8	18	2	2	7	8	13.6	24.8	36	9	0
143	HELWAN	00	8	20	3	0	2	8	13.8	22.8	31	5	0
153	FAIYUM	01	8	26	3	1	5	8	14.1	24.0	33	6	0
	BENI SUEF	01	9	18	2	0	3	8,4	14.7	25.1	36	9	0
162	MINYA	00	8	26	2	0	1	8	16	24	26	3	0
155	ASYUT	00	8	22	2	0	0	–	15.5	22.4	34	6	0
164	NAG HAMMADI	00	8	24	1	0	0	–	15.0	25.0	36	9	0
156	QENA	00	9	22	2	0	0	–	14.2	22.8	46	10	0
157	LUXOR	00	8	32	1	0	2	1	14	24	26	3	0
158	ASWAN	02	9	28	1	1	8	1	14.2	23.8	33	6	0
148	SIWA	00	8	20	4	0	0	–	17.9	22.3	59	14	0
149	BAHARIYA	01	8	24	2	1	5	8	16.4	23.5	35	8	0
	FARAFRA	00	8	30	2	0	tr.	–	17.9	22.0	42	8	0
152	DAKHLA	00	9	28	2	0	0	–	16.4	21.7	36	6	0
151	KHARGA	00	8	00	0	0	0	–	15.4	24.0	33	7	0
144	SUEZ	02	8	16	2	1	5	8	13.0	23.4	45	10	0
145	TOR	00	9	28	4	0	0	–	13.6	23.0	50	12	0
163	HURGHADA	00	9	32	2	0	0	–	14	23	44	10	0
147	QUSEIR	01	8	02	3	1	3	1	14.2	24.0	46	12	0
209	PORT SUDAN	02	8	04	4	1	10	6	11	27	74	22	
	WADI HALFA												
	KAREIMA												
	ATBARA												
	KHARTOUM	00	8	04	2	1	2	1		30	8	-7	
	KASSALA												
	WAD MEDANI												
	RENK												
	KOSTI												
	EL OBEID												
	EL FASHER	01	9	05	3	1	7			27	22	3	0
	GENEINA	01	8	04	3	1	7	1		30	9	-6	0
	MALAKAL	01	8	02	3	1	3	1	7	32	20	6	0
	WAU												
	JUBA												

At 1800 on 25th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARANI												
MATRUH	07	7	24	2	1	1	9	13	15	68	9	0
EL DABA	02	6	28	2	2	8	9		19.8	44	7	0
ALEXANDRIA	01	5	20	3	6	5	9	12.6	19.0	60	11	2
FOUAD (Airport)	07	8	25	3	8	5	8	12.6	17	72	12	tr.
DAMIETTA	00		18	3	0	1	8	12.7	16.1	68	10	0
PORT SA'ID	07	7	21	4	0	tr.	9	13	19	53	10	0
EL ARISH	01	9	32	2	1	3	6		16.2	97	15	0
DAMANHUR	00	6	24	2	0	0	–	13.6	16.0	65	9	0
MANSURA	00	6	20	2	1	0	–	13.4	15.5	76	12	0
TANTA	01	9	24	1	1	5	8	14.2	15.9	66	10	0
ZAGAZIG	00	6	28	2	2	0	–	14.6	16.5	69	11	0
SHIBIN EL KOM	01	7	28	2	1	3	6	13.7	17.4	66	10	0
ISMAILIA	00	8	22	1	0	0	–	13.8	17.0	60	9	0
FAROUK (Airport)	00	7	22	3	0	0	–	14	18	64	11	0
ALMAZA	00	7	19	2	0	0	–	14.1	18.2	43	6	0
EZBEKIYA	00	7	20	1	0	0	–	14.3	17.8	52	8	0
GIZA	00	7	20	1	0	0	–	14.4	15.8	64	9	0
HELWAN	00	8	20	1	1	0	–	15.0	17.2	50	7	0
FAIYUM	00	8	06	0	1	0	–	15.0	16.8	53	7	0
BENI SUEF	00	9	18	1	0	0	–	15.4	17.2	58	8	0
MINYA	00	7	27	1	0	1	6	16	16	52	6	0
ASYUT	00	6	20	1	0	0	–	17.1	15.9	51	6	0
NAG HAMMADI	00	8	00	0	0	0	–	16.8	14.6	81	12	0
QENA	01	8	24	2	1	5	1	15.9	15.3	69	9	0
LUXOR	00	7	00	0	0	0	–	16	16	39	2	0
ASWAN	00	9	00	0	0	0	–	15.5	20.0	47	9	0
SIWA	00	6	12	1	0	0	–	17.2	15.9	72	11	0
BAHARIYA	00	7	24	1	1	0	–	17.0	15.5	54	7	0
FARAFRA	00	7	16	2	0	0	–	18.0	12.2	57	4	0
DAKHLA	00	8	00	0	0	0	–	18.0	16.2	64	9	0
KHARGA	00	7	00	0	0	0	–	17.9	17.7	41	4	0
SUEZ	00		16	2	0	0	–	13.9	20.3	47	9	0
TOR	00	8	04	2	0	0	–	14.8	18.2	52	7	0
HURGHADA	00	8	26	1	0	0	–	15	18	52	8	0
QUSEIR	00	8	30	3	0	0	–	14.4	20.7	51	10	0

At 0600 on Friday 26th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Maximum Yesterday TxTx	Max. Diff. from norm.	Minimum Today TnTn	Min. Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1
SIDI BARANI																	R.		
MATRUH	25	7	29	3	8	8	9	14		14	23		12		72	9	11	20	
EL DABA	60	6	32	1	6	10	9	13.2		13.3	21		12		88	11	3	9	
ALEXANDRIA	02	6	28	5	6	9	9	12.7	-5.0	16.4	21	-2	14	-1	79	12	3	20	35
FOUAD (Airport)	82	6	29	4	8	10	8	12.5		16	22		14		88	14	2	16	
DAMIETTA	02	4	18	4	2	8	9	12.7	-4.5	14.1	22		10		78	10	0	3	19
PORT SA'ID	00	7	21	6	0	1	9	13		16	22		15		68	10	0	3	
EL ARISH	00	9			0	1	6	13.8	-4.0	18.9	24	0	14	+2	52	9	0	15	15
DAMANHUR	20	6	28	3	6	3	8	13.9	-4.4	15.3	23	-1	12	0	82	12	tr.	1	14
MANSURA	01	7	20	2	1	5	4	13.5	-4.2	15.0	24	-1	12	-1	76	11	0	Dr.	8
TANTA	01	8	20	3	1	3	8	15.1	-3.3	15.7	24	-1	11	0	79	12	0	Dr.	7
ZAGAZIG	00	6	20	1	1	5	8	14.7	-3.4	15.0	25	+1	12	+1	75	11	0	Dr.	6
SHIBIN EL KOM	00	7	22	2	0	1	8	16.0	-2.2	12.9	26		11		70	8	0	Dr.	
ISMAILIA	00	6	18	2	0	0	–	14.2		17.0	24		15		52	7	0	3	
FAROUK (Airport)	00	7	20	7	0	tr.	8	15		15	24		13		77	11	0	Dr.	
ALMAZA	00	7	20	4	0	1	6	14.9	-3.1	14.9	24		13		57	7	0	Dr.	
EZBEKIYA								15.6	-2.4	14.1	24	0	12	-1	65	10	0	Dr.	3
GIZA	00	7	00	0	0	tr.	4	15.9	-2.1	15.0	25	+1	11	0	60	7	0	Dr.	5
HELWAN	01	7	12	1	0	3	4	16.3	-2.2	12.9	23	-1	10	-3	67	6	0	1	3
FAIYUM	00	8	18	2	0	0	–	16.8	-1.5	15.0	25	0	11	0	58	7	0	Dr.	0
BENI SUEF	00	9	18	1	0	0	–	16.8		17.4	25		10		52	7	0	Dr.	
MINYA	00	7	15	2	0	1	6	18		14	25		10		59	6	0	3	
ASYUT	00	7	18	1	0	0	–	18.7	+0.4	15.1	23	-2	9	-2	67	9	0	0	
NAG HAMMADI	00	8	00	0	0	0	–	17.2	+0.2	13.6	26		6		68	7	0	0	
QENA	01	9	24	2	1	3	1	17.5	+0.2	15.3	25	-3	9	-3	59	7	0	Dr.	
LUXOR	01	8	00	0	0	5	2	17		15	25		7		48	4	0	Dr.	
ASWAN	01	9	00	0	1	3	1	17.5	+0.5	18.0	25	-4	13	-2	53	8	0	Dr.	
SIWA	00	7	28	3	0	0	–	19.0	-0.3	13.5	26	+2	12	+4	63	7	0	0	1
BAHARIYA	00	8	24	2	0	0	–	17.4	-1.6	15.0	24	-1	10	0	53	6	0	Dr.	2
FARAFRA	00	8	20	1	0	0	–	19.0		10.5	24		8		46	-1	0	Dr.	
DAKHLA	00	8	00	0	0	0	–	20.4	+1.8	9.0	23	-3	5	-5	52	0	0	Dr.	
KHARGA	01	8	00	0	0	3	1	19.4	+1.6	11.0	25	-2	7	-4	50	1	0	0	
SUEZ	00	5	00	0	0	0	–	15.1	-2.1	20.6	26	+1	16	+2	48	9	0	12	5
TOR	00	9	04	2	0	0	–	17.1	+0.7	17.0	27	+2			52	7	0	0	3
HURGHADA	01	9	26	2	0	3	8,2	16		18	23		12		46	6	0	0	
QUSEIR	01	8	30	3	1	3	1	16.4	+0.1	19.0	25	-1	15	-3	43	6	0	0	3
PORT SUDAN	02	8	30	4	1	8	6										0	30	50
WADI HALFA																		0	
KAREIMA	01	8	04	3	0	0	1	17		18			14		37	3	0	3	1
ATBARA	02	7	30	3	0	9	2	14		20			17		30	2	0	7	2
KHARTOUM	02	8	32	3	1	8	1	14		26					37	10	0	10	4
KASSALA	00	8	30	1	0	0	–	11		24			12				0	2	8
WAD MEDANI	01	9	32	2	1	3	1	13		20					35	4	0	11	12
RENK	00	8						15		24					22	1		0	48
KOSTI	00	8	28	2	0	0	–	11		21					53	11	0	2	36
EL OBEID	01	8	32	3	1	5	–	15		18			12		37	3	0	0	16
EL FASHER	00	8	04	2	0	1	1			13					37	-1	0	0	6
GENEINA	02	8	30	4	1	8	2			20			10		35	4	0		4
MALAKAL																		69	86
WAU																		261	141
JUBA																	2	120	122

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ...	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
... of Snow	83-84
... of Sleet	85-86
... of Hail	88-89
Thunderstorm	90-99
...	91
... with Hail	94-96
... with Duststorm	98
Heavy with Hail	99

PAST WEATHER (W)

Variable sky 1

[illegible]

UPPER AIR OBSERVATIONS on 25th

DD Direction of wind in degrees East of North. VV Velocity in knots.

25th		
Alexandria	61	-4
Ezbekiya	52	-17
Giza	60	-12
Helwan	51	-6

GIZA 26th 7.0

ALMAZA — (no entries)

FAROUK AIRPORT on 26th, 3

Pressure	Height feet	Temp.	Humidity	Wind DD	Wind VV
Surface		14	60	190	12
1000	370	14	65	190	12
900	3290	11	65	260	40
850	4850	8	65	260	44
800	6480	4	75	260	43
700	10100	-1	55	260	42
600	14000	-7	35	260	47
500	18570	-16	15	260	50
400		-28			
300	30590	-38		290	42

	Port Said		Matruh		Almaza		Minya	
Time	14 15		18 15		14		14 30	
	DD	VV	DD	VV	DD	VV	DD	VV
	250	26	270	9	10	5	290	10
	240	26	200	11	330	3	290	12
	240	29	260	14	290	7	300	16
	240	28	Ent. Cu		250	10	290	15
					220	10	280	14

UPPER AIR OBSERVATIONS on 26th

DD Direction of wind in degrees East of North. VV Velocity in knots.

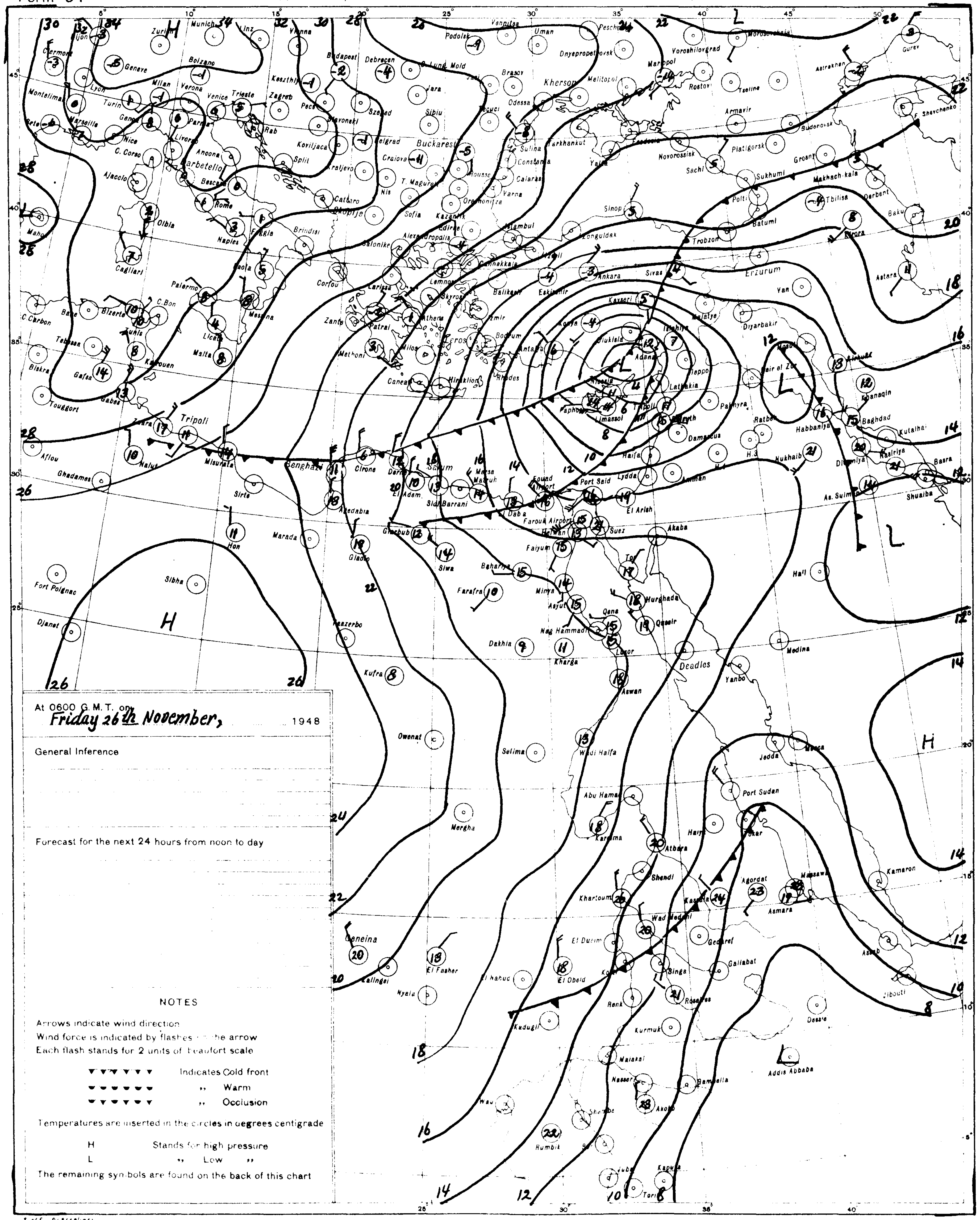
	Sidi Barani		Port Said		[illegible]		Almaza		Minya		[illegible]		[illegible]	
Time	5		4 30		3		8 30		4 30		6		5	
	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
	350	26	260	30	240	23	230	6	250	16	350	8	320	30
	340	17	240	9	260	29	250	9	270	23	340	20	330	30
	Ent. Cu		260	21	260	30	260	10	260	25	340	30	320	24
			260	18	260	39	270	10	270	29	340	12	300	34
			270	17	260	38	260	10			300	18	290	30
			260	9	260	37					270	12		
					260	46								
					260	44								

	Bahariya		Dakhla		Kharga		[illegible]	
Time	5		5		6		9	
	DD	VV	DD	VV	DD	VV	DD	VV
	270	27	280	34	350	3	340	12
	290	30	280	37	340	9	320	10
	310	34	330	16	320	10	300	13
	290	35	320	17	340	19	300	12
	280	36	320	16	310	17	260	10
	280	38			270	20	200	10

WIND DIRECTION (DD): ... East ... South ... West ... North ... Calm

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on Friday 26th November, 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of Beaufort scale

▼▼▼▼▼▼	Indicates Cold front
▼▼▼▼▼▼	,, Warm
▼▼▼▼▼▼	,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H	Stands for high pressure
L	,, Low ,,

The remaining symbols are found on the back of this chart

S o'E 948(44/195)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 30 G.M.T.

" " Sunset 14 55 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: SATURDAY 27th NOVEMBER, 1948.

At 1200 on FRIDAY 26th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
MEDITERRANEAN	146	SIDI BARANI	57	7	30	4	2	10	7	18.6	13.2	75	09	0
	160	MATRÛH	02	7	02	3	8	10	8	17	14	83	04	R
	134	EL DABA	50	6	28	2	5	8	9	16.8	14.0	59	06	dr
	132	ALEXANDRIA	03	9	26	5	5	9	9	15.9	14.6	61	07	dr
	150	FOUAD (Airport)	81	7	30	3	8	10	8	16.2	14	77	10	R
	159	DAMIETTA	50	7	30	3	8	10	9	14.6	14.2	79	10	6
	161	PORT SAÏD	25	9	26	4	8	10	8,4	15	15	82	12	R
	135	EL ARISH	30	9	26	4	3	8	8	13.6	19.9	61	12	0
LOWER EGYPT	136	DAMANHÛR	03	6	32	3	6	10	8	16.4	15.2	76	11	3
	137	MANṢURA	60	7	32	2	6	10	8	15.4	15.0	78	11	6
	138	TANTA	03	6	20	2	6	10	7	16.8	14.5	74	10	4
	139	ZAGAZIG	00	6	24	1	0	0	-	16.2	22.8	50	12	0
		SHIBIN EL KOM	01	8	22	3	5	5	9	16.0	19.4	44	06	dr
		ISMAILIA	02	6	02	2	2	8	6	16.0	20.2	64	13	0
CAIRO AREA	928	FAROUK (Airport)	01	7	26	5	1	7	8	15	20	64	13	0
	141	ALMAZA	01	8	26	4	1	7	8	15	19	69	9	0
		EZBEKIYA	02	8	28	3	2	9	8	15.5	19.2	54	10	0
		GIZA	02	8	28	3	2	9	8	16.2	18.8	69	13	0
	143	HELWAN	02	8	24	6	2	9	8	15.1	19.6	43	07	0
UPPER EGYPT	153	FAIYUM	02	8	30	2	2	10	8	15.8	21.0	49	10	0
		BENI SUEF	00	9	18	2	0	0	0	15.2	25.9	32	08	0
	162	MINYA	01	8	27	4	1	7	8	16	24	32	06	0
	155	ASYUT	00	8	20	1	0	0	-	16.0	22.0	36	06	0
	164	NAG HAMMADI	00	8	00	0	0	0	-	15.4	25.2	35	08	0
	156	QENA	01	9	22	2	1	3	1	15.5	22.3	43	09	0
	157	LUXOR	01	8	28	2	1	5	2	16	23	24	01	0
	158	ASWAN	00	9	00	0	0	0	-	16.2	23.8	37	08	0
	148	SIWA	03	8	28	4	2	10	4	19.6	18.0	65	11	0
	149	BAHARIYA	02	8	24	2	1	5	4	17.0	20.2	53	10	0
		FARAFRA	01	8	26	4	1	5	8	18.6	21.0	55	11	0
	152	DAKHLA	00		28	1	0	0	-	19.0	21.8	41	08	0
		KHARGA	00	8	00	0	0	0	-	17.8	23.0	33	05	0
	144	SUEZ	01	6	24	3	2	7	8	14.7	22.4	37	06	0
	145	TOR	00	9	28	2	0	0	-	15.2	24.0	33	06	0
		HURGHÂDA	01	9	27	2	0	5	8	15	23	57	14	0
		QUSEIR	01	8	02	2	1	3	1	15.9	23.0	39	08	0
		PORT SUDAN												
		WADI HALFA												
		KAREIMA												
		ATBARA												
		KHARTOUM												
		KASSALA												
		WAD MEDANI												
		RENK												
		[illegible]												
		[illegible]												
		[illegible]												
		GENEINA												
		MALAKAL												
		WAU												
		JUBA												

At 1800 on 26th

Station	ww	V	DD	F	W	Cloud Amount 0-10	C	PPP	TT	UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARANI	50	6	28	2	5	10	7	20.3	13.0	69	7	1
MATRÛH	82	6	28	3	8	10	8	20	11	82	08	R
EL DABA	60	5	28	1	6	10	9		13.1	68	07	3
ALEXANDRIA	03	5	28	3	5	10	9	19.1	13.0	55	04	dr
FOUAD (Airport)	03	7	30	2	8	10	9,4	18.6	14	67	08	R
DAMIETTA	50	2	30	3	5	10	9	17.9	14.0	69	08	dr
PORT SAÏD	02	7	26	4	8	5	9,4	18	15	68	09	R
EL ARISH	50	9	28	3	5	10	9	18.3	18.2	76	14	dr
DAMANHÛR	50	5	32	2	5	10	9	18.3	12.0	76	08	tr
MANṢURA	03	5	30	2	2	10	9	18.8	13.0	77	09	0
TANTA	02	6	00	0	5	8	7	19.0	13.4	91	12	tr
ZAGAZIG	02	6	24	2	1	8	8	18.7	12.2	100	12	0
SHIBIN EL KOM	01	7	28	2	1	5	6	18.3	16.8	76	13	2
ISMAILIA	02	5	28	1	5	8	5	18.6	13.6	82	11	dr
FAROUK (Airport)	81	7	30	1	5	10	5	19	13	82	10	dr
ALMAZA	50	7	32	3	1	8	6	19.0	13.4	73	09	0
EZBEKIYA	00	7	32	2	0	0	-	19.1	12.8	87	11	dr
GIZA	00	7	32	2	0	0	-	19.4	12.9	88	11	dr
HELWAN	00	7	30	3	1	2	4	19.1	12.9	74	08	0
FAIYUM	02	8	32	1	2	8	8	18.4	14.9	71	10	0
BENI SUEF	00	9	02	2	0	0	-	17.8	15.7	76	12	0
MINYA	01	7	28	2	1	7	6	18	18	52	08	0
ASYUT	00	6	20	1	0	0	-	18.0	14.9	59	07	0
NAG HAMMADI	00	8	00	0	0	0	-	17.7	13.5	94	13	0
QENA	01	6	24	2	1	3	1	17.5	15.3	76	11	0
LUXOR	00	7	00	0	0	0	-	17	16	77	12	0
ASWAN	00	9	00	0	0	0	-	17.4	19.8	57	11	0
SIWA	00	6	00	0	0	0	-	21.6	12.5	63	05	0
BAHARIYA	01	7	21	2	1	3	8	19.2	15.0	49	04	0
FARAFRA	00	7	26	2	1	6		20.2	12.4	69	06	0
DAKHLA	00	8	28	2	0	0	-	20.0	12.3	60	04	0
KHARGA	00	7	00	0	0	0	-	20.0	17.4	42	04	0
SUEZ	00		32	4	0	0	-	17.2	14.4	81	11	0
TOR	00	8	28	2	0	0	-	16.6	19.2	49	8	0
HURGHÂDA												
QUSEIR	01	8	24	3	1	3		16.4	20.0	50	09	0

At 0600 on SATURDAY 27th

Station	ww	V	DD	F	W	Cloud Amount 0-10	C	Bar. M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Max. Yesterday TxTx	Diff. from norm.	Min. Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C.	Rain Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	Area
SIDI BARANI	13	9	22	1	6	9	9	21.5		120	17		9		82	09	24	48		MEDITERRANEAN
MATRÛH	82	6	26	3	2	10	9	22		9	15		9		95	09	14	34		
EL DABA	21	7	20	1	6	8	7			11.6	15		9		84	09	10	17		
ALEXANDRIA	03	7	14	2	6	10	9	21.2	+2.9	11.0	16	-7	10	-5	87	09	15	35	36	
FOUAD (Airport)	81	7	20	2	8	10	9	21.1		11	17		10		95	11	18	32		
DAMIETTA	02	3	22	2	6	9	9	20.2	+3.0	12.0	17		9		89	10	11	14	19	
PORT SAÏD	01	7	24	2	1	5	9,4	21		14	18		12		72	9	4	7		
EL ARISH	13	9	22	3	5	8	9	20.0	+2.1	14.7	22	-1	11	0	74	10	tr	15	15	
DAMANHÛR	03	5	28	2	5	10	7	21.6	+3.2	11.2	17	-7	10	-2	95	10	4	5	14	LOWER EGYPT
MANṢURA	02	7	24	1	2	8	6	21.4	+3.4	12.2	19	-5	11	-2	87	10	6	6	8	
TANTA	01	7	00	0	5	5	7	20.8	+2.3	11.0	18	-6	9	-2	74	10	4	8	7	
ZAGAZIG	01	6	24	2	6	5	8	20.8	+2.6	11.0	24	0	10	-1	100	11	tr	1	6	
SHIBÎN EL KÔM	00	7	28	2	5	1	8	20.6	+2.4	11.6	23		11		68	06	4	4		
ISMAÎLIA	02	5	26	1	2	8	4	20.7		13.6	22		12		80	11	tr	3		
FAROUK (Airport)	01	7	00	0	0	3	4	21		13			11		72	08	tr	tr		CAIRO AREA
ALMAZA	01	7	02	1	2	5	6	21.4	+3.4	12.8	21		10		73	07	0	tr		
EZBEKIYA	01	7	00	0	0	3	6	21.5	+3.5	11.9	21	-3	11	-2	77	08	tr	tr	3	
GIZA	01	7	00	0	0	3	6	21.6	+3.5	12.3	23	-1	10	0	86	10	tr	tr	5	
HELWAN	00	6	00	0	0	6	4	21.5	+2.9	11.9	21	-2	11	-2	73	07	0	1	3	
FAIYUM	01	8	02	2	1	3	8	21.8	+3.4	12.7	23	-2	10	-1	71	08	0	tr	0	
BENI SUEF	00	9	28	1	0	0	-	21.4		13.6	26		8		72	09	0	tr		
MINYA	05	6	32	2	0	6	8	21		11	24		7		77	7	0	3		
ASYUT	00	7	28	1	0	0	-	20.8	+2.4	13.1	24	-1	11	0	76	9	0	0	1	
NAG HAMMADI	00	8	00	0	0	0	-	20.6	+3.5	13.2	25		9		86	11	0	0		
QENA	01	8	24	2	1	5	3	19.0	+1.6	15.4	24	-4	11	-1	64	08	0	tr		
LUXOR	01	8	16	1	1	5	1	19		16	24		10		49	05	0	tr		
ASWAN	02	9	04	1	1	8	1	20.0	+3.0	16.3	25	-4	12	-3	52	06	0	tr		
SIWA	00	8	00	0	0	0	-	23.0	+3.7	10.5	20	-4	8	0	80	07	0	0	1	
BAHARIYA	02	7	24	1	1	8	4	22.3	+3.2	10.0	21	-3	5	-4	80	07	0	tr	2	
FARAFRA	00	8	00	0	0	6		22.3		10.9	22		3		81	08	0	tr		
DAKHLA	00	8	20	2	0	0	-	22.8	+4.1	10.0	23	-3	8	-2	69	04	0	tr		
KHARGA	01	8	00	0	0	5	1	21.4	+3.5	13.4	24	-3	10	-1	62	07	0	0		
SUEZ	00	8	00	0	0	0	-	20.0	+2.7	13.2	24	0	11	-3	76	09	0	12	5	
TOR	00	9	04	1	0	0	-	18.2	+1.7	18.0	25	0	13	0	60	10	0	0	3	
HURGHÂDA	01	9	27	2	0	7	6	19		16	24		12		72	11	0	0		
QUSEIR	01	8	24	2	1	5	1	18.3	+1.9	20.0	24	-2	16	-2	47	8	0	0	3	
PORT SUDAN																	0	30	52	
WADI HALFA																	0	0		
KAREIMA																	0	3	1	
ATBARA																	0	7	2	
KHARTOUM																	0	10	4	
KASSALA	02	8	00	0	1	10	2	11		26					62	18	0	2	8	
WAD MEDANI																	0	11	12	
RENK																	0	0	48	
[illegible]	02	8	32	3	1	9		15		16					32	-1	0	2	36	
[illegible]	02	8	02	2	1	9				14							0	0	16	
[illegible]	02	8	02	3	1	10	2			11					35	-4	0	0	6	
GENEINA																	0		4	
MALAKAL																	0	69	86	
WAU																	0	261	142	
JUBA																	0	120	123	

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mist Fog in last hour	41
[illegible]	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68-69
Snow	70-79
Showers	80-89
[illegible]	[illegible]

PAST WEATHER (W) [illegible]

UPPER AIR OBSERVATIONS ON 26th

26th

[illegible]	63	-2
[illegible]	70	+1
[illegible]	67	-5
[illegible]	65	+8

27th 5.5

FAROUK AIRCRAFT ASCENT ON 27th 3

Height					
TOFF		11	81	330	2
	530	13	76	330	2
	3380	5	75	360	7
	4900	2	75	290	10
	6500	-1	85	270	16
	9980	-2	-	260	36
	13950	-8	-	260	56
	18520	-18	-	260	78

ALMAZA 14		MATRUH 14		MINYA 15	
10	5	10	20	310	20
330	3	360	14	310	16
290	7	340	8	300	14
250	10	310	12	300	10
220	10	280	18	ENT. Sc.	

UPPER AIR OBSERVATIONS ON 27th

5 — 10 45 — 4 — 3 — 8 45 — 7 — 4 — 6 — 30 5 — 5

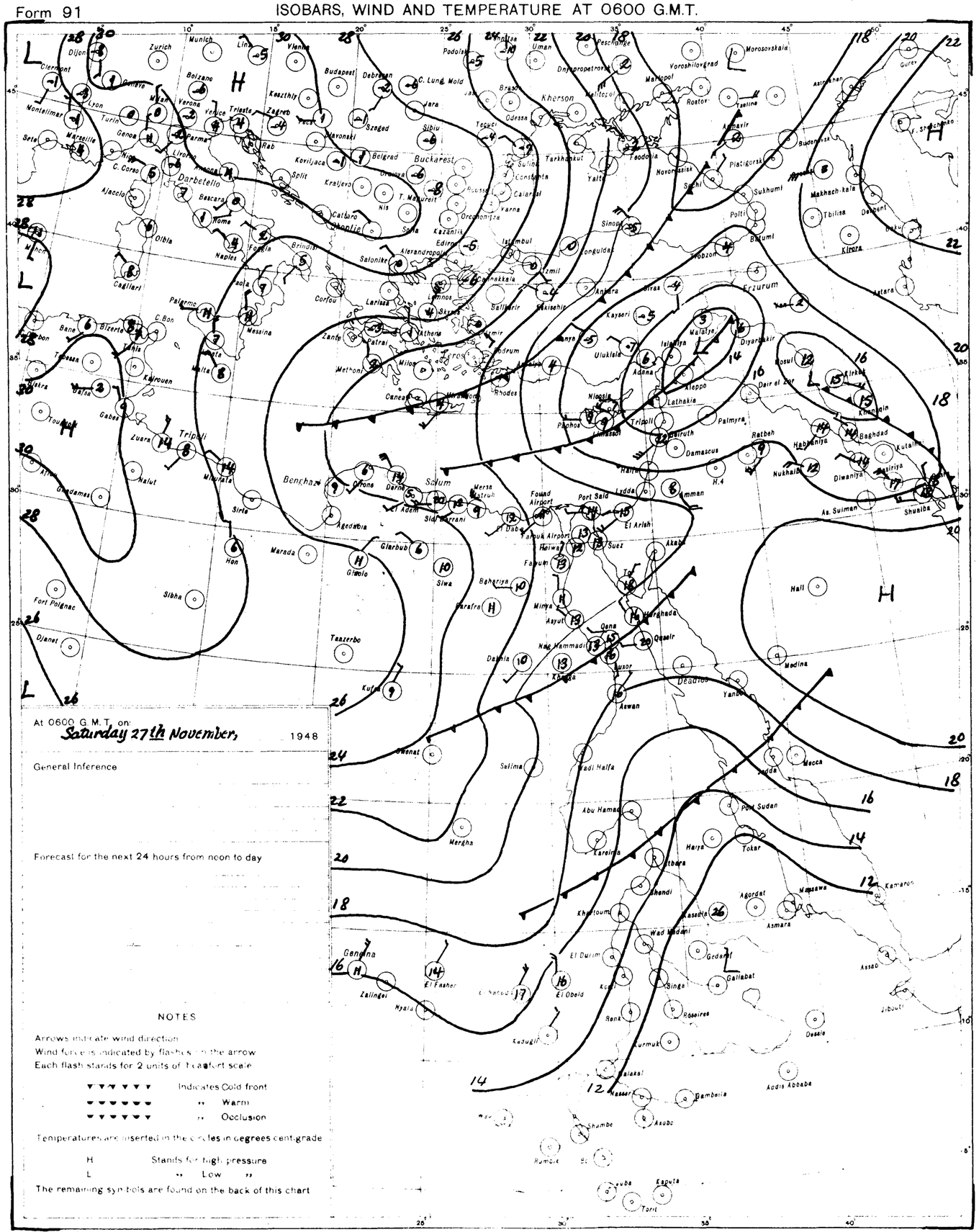
330	12	280	11	300	12	350	7	350	1	360	3	360	13	360	4	20	5	330	13
340	16	290	15	320	12	360	8	300	1	50	6	360	11	340	11	350	24	300	13
340	16	280	13	340	16	360	7	210	2	350	3	290	10	340	12	350	16	310	10
320	17	EntCb		340	12	290	9	280	3	320	10	10	8	330	11	350	14	310	10
EntCb				250	9	270	14	270	5	300	13			300	15	340	5	310	23
				270	17	260	30	260	15	260	26							300	27
				260	52														

5 — 5 — 6 — 9 — 4

330	6	320	9	10	7	260	15		
360	6	350	11	350	14	250	12		
60	6	330	15	340	12	230	13	20	28
330	14	310	15	300	10	210	7	20	25
330	17			260	13	180	6	60	17
360	20			270	20	140	8	80	10
EntCu				270	42				

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
Saturday 27th November, 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of Beaufort scale

▼▼▼▼▼▼ Indicates Cold front
▬▬▬▬▬▬ " Warm
▼▬▼▬▼▬ " Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 31 G.M.T.
" " Sunset 14 55 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: Sunday 28th November, 1948.

At 1200 on Saturday 27th

Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 6-12 G.M.T. mms
146	SIDI BARANI	03	8	24	2	5	9	9	20.4	14.3	65	7	4
160	MATRUH	02	7	00	0	2	9	8	20.1	13	82	10	0
134	EL DABA	02	7	28	1	2	6	9		13	82	10	0
132	ALEXANDRIA	03	9	24	2	6	10	9	19.8	12.8	75	9	1
150	FOUAD (Airport)	25	7	22	4	8	8	8,4	19.3	12	88	10	R
153	DAMIETTA	02	8	26	2	2	9	9	19.2	15.0	66	9	0
161	PORT SAID	02	8	28	1	1	9	8,6	19	15	59	7	0
135	EL ARISH	02	9	32	3	2	8	8	18.8	15.1	74	10	0
136	DAMANHUR	02	7	20	2	5	9	8,5	20.3	13.8	78	10	1
137	MANSURA	01	8	28	2	1	5	6	20.3	15.4	66	9	0
138	TANTA	02	8	00	0	2	8	8	20.3	16.0	59	8	0
139	ZAGAZIG	13	6	24	2	2	8	8	20.0	15.8			0
	SHIBIN EL KOM	61	7	28	3	5	5	9	19.7	16.9	46	5	Dr.
	ISMAILIA	01	7	28	1	1	5	8	19.4	18.0	43	5	0
128	FAROUK (Airport)	02	8	24	3	1	8	8	20	16	52	6	0
141	ALMAZA	02	8	28	2	1	8	8,6	19.8	16.2	47	8	0
	EZBEKIYA	03	8	26	1	2	10	8	19.9	16.2	51	6	0
	GIZA	03	8	26	1	2	10	8	19.8	17.6	48	7	0
143	HELWAN	02	8	26	2	2	8	8,4	19.9	15.6	45	4	0
1??	FAIYUM	02	8	30	2	2	9	9	20.4	17.2	47	5	0
	BENI SUEF	02	9	26	1	0	8	9,4	19.4	18.2	46	6	0
162	MINYA	01	8	32	3	1	5	8,1	20	19	37	4	0
155	ASYUT	00	8	26	1	0	0	—	19.0	18.1	44	5	0
164	NAG HAMMADI	00	8	24	2	0	0	—	17.4	22.5	40	8	0
	QENA	01	9	24	2	1	3	1	17.1	21.0	47	9	0
57	LUXOR	01	8	29	2	1	3	1	17	22	20	-2	0
	ASWAN	02	9	30	2	1	8	1	17.2	22.4	43	9	0
14?	SIWA	00	8	28	2	0	0	—	22.8	16.4	66	10	0
149	BAHARIYA	01	8	28	2	1	5	8	20.7	17.0	43	4	0
	FARAFRA	01	8	26	2	1	5	6,4	22.2	17.1	52	7	0
	DAKHLA	00	8	28	3	0	0	—	2?.6	18.8	46	7	0
	KHARGA	00	8	28	1	0	0	—	20.8	21.1	34	5	0
144	[illegible]	02	5	28	2	2	8	9	17.8	17.2	48	6	0
14?	TOR	00	9	28	2	0	0	—	17.2	21.1	47	9	0
	[illegible]	01	9	32	2	1	5	8,1	17	21	57	12	0
	[illegible]	02	8	32	3	1	8	2	17.4	22.2	60	14	0
	[illegible]	02	8	02	5		10	6	12	27	59	18	0
	[illegible]												
	[illegible]												
	[illegible]	02	7	30	3	1	9	8,2	9	31	49	19	0
	[illegible]	02	8	32	2	1	9	2	9	31	31	12	0
	[illegible]	02	8	04	3	1	10	2	5	26	14	5	0
	[illegible]	02	8	32	3	1	10	1	7	33	26	11	0
	[illegible]	00	8	30	2	0	0	—	9	34	25	11	0
	[illegible]	01	8	32	3	1	5	2	9	28	15	-1	0
	[illegible]	01	8	06	3	1	5	2		39	12	5	0
	[illegible]	02	8	04	3	1	10	2		28	12	-4	0
	[illegible]	01	8	02	3	1	3	4,2	7	32	21	7	0
	[illegible]	01	8	02	1	1	5	1	6	33	20	7	0

At 1800 on 27th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs PPP	Temp. °C TT	Humidity UU	Dew Point °C	Rain 12-18 G.M.T. mms
SIDI BARANI	14	7	30	3	6	8	9	20.8	12.8	74	9	8
MATRUH	02	7	26	3	6	8	8	21	11	88	9	8
EL DABA	20	6	28	1	6	10	9		12			R
ALEXANDRIA	03	5	04	1	6	10	9	19.6	12.9	77	9	3
FOUAD (Airport)	82	7	18	2	8	10	8	20	12	95	12	R
DAMIETTA	00		22	2	0	1	8	19.8	11.2	88	9	0
PORT SAID	00	7	25	2	1	1	8	20	14	67	8	0
EL ARISH	03	9	32	3	2	10	9	19.4	15.2	62	8	0
DAMANHUR	00	6	24	2	1	0	—	19.9	11.2	88	9	0
MANSURA	00	6	32	1	1	0	—	20.7	11.0	87	9	0
TANTA	01	8	00	0	2	5	8	20.8	11.0	85?	8	0
ZAGAZIG	00	6	32	2	0	0	—	21.2	12.0	100?	12?	0
SHIBIN EL KOM	00	7	30	2	1	1	6	20.8	14.9	73	10	0
ISMAILIA	01	6	27	1	1	7	5	20.4	13.8	69	8	0
FAROUK (Airport)	00	7	00	0	0	0	—	21	13	72	8	0
ALMAZA	01	7	00	0	1	5	6	20.6	13.6	58	5	0
EZBEKIYA	02	7	00	0	2	9	6	21.1	13.7	67	8	0
GIZA	02	7	00	0	2	9	6	21.1	12.8	77	9	0
HELWAN	03	7	00	0	2	10	8,4	21.2	13.5	58	6	0
FAIYUM	02	8	00	0	2	9	9	20.7	14.3	65	8	0
BENI SUEF	00	9	18	1	0	0	—	21.5	12.4	73	7	0
MINYA	01	7	00	0	1	3	6	21	14	59	6	0
ASYUT	00	6	26	1	0	0	—	20.5	12.6	70	8	0
NAG HAMMADI	00	8	00	0	0	0	—	19.3	13.5	72	9	0
QENA	01	6	24	2	1	3	1	19.4	14.2	80	11	0
LUXOR	00	7	24	1	1	0	—	19	15	48	4	0
ASWAN	00	9	00	0	0	0	—	18.8	19.5	54	10	0
SIWA	00	6	00	0	0	0	—	24.2	12.7	67	7	0
BAHARIYA	00	7	28	2	1	0	—	22.0	12.5	54	3	0
FARAFRA	00	7	30	2	0	0	—	21.5	16.2	60	3	0
DAKHLA	00	8	28	2	0	0	—	22.8	13.0	54	4	0
KHARGA	00	7	02	1	0	0	—	21.9	14.9	48	4	0
[illegible] (144)	00		32	2	0	0	—	18.7	14.5	60	6	0
TOR	00	8	28	2	0	0	—	19.1	17.2	52	7	0
[illegible]	00	8	27	3	1	0	—	18	19	56	10	0

At 0600 on Sunday 28th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs PPP	Diff. from normal mbs	Dry Bulb TT	Max. Yesterday TxTx	Max. Diff. from norm.	Min. Today TnTn	Min. Diff. from norm.	Humidity % UU	Dew Point °C	Rainfall Past 24 hrs	Rainfall Total From Oct 1	Rainfall Norm. From Oct 1
SIDI BARANI	20	8	32	5	7	10	7	23.0		11.9	15		8		84	9	30	7	
MATRUH	82	7	22	1	8	8	8	22		12	15		9		88	10	15	49	
EL DABA	02	7	02	1	9	8	9	20.8					7			8	7	26	
ALEXANDRIA	03	8	12	1	6	10	9	20.8	+2.4	11.2	15	-8	10	-5	88	9	10	45	37
FOUAD (Airport)	81	7	14	1	8	10	8,4	20.8		11	15		10		94	10	9	15	
DAMIETTA	57		18	3	5	9	9	20.0	+2.7	10.8	16		7		93	10	1	15	20
PORT SAID	02	7	24	3	2	10	8	20		12	16		10		88	10	0	7	
EL ARISH	00	9	12	2	0	1	8	20.6	+2.6	14.9	19	-4	8	-3	57	7	Dr.	15	16
DAMANHUR	01	6	28	3	1	5	4	21.2	+2.8	10.8	16	-8	9	-3	81	8	1	6	15
MANSURA	01	7	24	1	1	5	9	21.2	+3.4	11.4	18	-6	8	-4	89	9	0	6	9
TANTA	01	8	00	0	1	5	8	21.5	+3.0	10.3	18	-6	7	-4	88	9	0	8	7
ZAGAZIG	00	6	24	1	0	0	—	20.8	+2.5	11.2	19	-5	8	-3	95	10	0	1	6
SHIBIN EL KOM	00	7	22	2	0	1	8	21.3	+3.0	10.1	19		9		78	6	Dr.	4	
ISMAILIA	00	6	24	1	0	0	—	21.0		12.1	20		10		69	6	0	3	
FAROUK (Airport)	01	7	22	3	0	5	6	22		11	21		9		71	6	0	Dr.	
ALMAZA	01	7	18	2	0	5	4	21.9	+3.8	11.0	18		8		61	4	0	Dr.	
EZBEKIYA	01	7	00	0	0	3	4	22.0	+3.9	10.1	17	-7	9	-3	69	5	0	Dr.	3
GIZA	01	7	00	0	0	3	4	22.3	+4.2	10.9	20	-3	7	-3	71	6	0	Dr.	5
HELWAN	01	6	00	0	1	7	4	22.6	+4.0	10.1	18	-5	8	-5	66	4	0	1	3
FAIYUM	00	8	18	2	0	0	—	22.8	+4.4	10.5	18	-7	7	-4	63	3	0	Dr.	0
BENI SUEF	00	9	18	1	0	0	—	22.6		11.8	19		6		59	4	0	Dr.	
MINYA	00	7	32	1	0	1	1	23		10	19		6		54	1	0	3	
ASYUT	00	7	22	1	0	0	—	23.4	+4.9	11.2	20	-5	8	-3	61	4	0	0	1
NAG HAMMADI	00	8	00	0	0	0	—	21.9	+4.7	13.2	25		5		59	5	0	0	
QENA	01	7	24	2	1	5	3	21.3	+3.?	12.3	22	-6	8	-4	71	7	0	Dr.	
LUXOR	01	8	28	2	0	5	4	21		14	22		8		48	3	0	Dr.	
ASWAN	02	3	32	3	1	8	1	22.0	+4.9	13.6	23	-5	11	-3	60	6	0	Dr.	
SIWA	00	7	24	2	0	0	—	24.4	+5.0	18.5	17	-7	5	-2	69	12	0	0	1
BAHARIYA	00	8	24	1	0	0	—	23.3	+4.1	10.0	19	-5	4	-5	62	3	0	Dr.	2
FARAFRA	01	8	18	3	0	3	8	24.0		7.7	19		3		72	3	0	Dr.	
DAKHLA	01	8	24	2	0	3	6,5	24.1	+5.3	8.7	19	-7	6	-4	74	5	0	Dr.	
KHARGA	02	7	00	0	0	5	1	22.8	+4.8	13.6	22	-5	8	-3	48	3	0	0	
[illegible]	00	7	00	0	0	0	—	21.2	+3.9	14.2	18	-6	11	-2	57	6	0	12	5
[illegible]	01	8	28	4	2	7	1	19.9	+3.4	16.0	21	-4	13	0	50	5	0	0	3
[illegible]	02	9	26	3	0	8	8,4	20		16	22		10		42	3	0	0	
[illegible]	01	8	28	3	1	5	1	20.0	+3.6	15.7	23	-3	14	-4	50	5	0	0	3
[illegible]	02	8	30	5	1	10	6	16		24			21		57	15	0		53
[illegible]																	0	0	
[illegible]																	0	32	1
[illegible]																	0	7	2
[illegible]	01	8	02	4	1	7	2	14		21			15		23	-1	0	9	4
[illegible]	00	9	32	5	0	0	—	13		23					47	11	0	2	8
[illegible]	00	8	32	2	0	0	—	10		24					54	14	0	11	12
[illegible]	00	9	32	4	0	0	—	12		23					53	13	0	0	48
[illegible]	02	8	04	3	2	10	1	14									0	2	36
[illegible]	00	8	30	4	0	0	—	15		18			14		37	3	0	0	16
[illegible]	01	8	31	1	1	5	2			13					48	2	0	0	6
[illegible]																			4
[illegible]	00	8	02	4	0	1	4	12		20			16		53	10	0	69	86
[illegible]																	0	258	142
[illegible]																	0	120	123

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09

27th

18 +13
66 -3
75 +3
61 +4

28th 1.0

28th 3

12 74 210 8
550 10 75 210 8

3410 5 75 280 29
4920 1 75 280 28
6530 0 55 280 28
10020 -4 35 270 39
13970 -9 270 61
18550 -15 270 95

30630 -41

27th

Matruh Port Said Minya
13 30 14 30 15

330 6 300 6 10 9
310 9 300 7 360 17
300 14 260 9 340 16
270 17 250 13 310 14
260 20 Ent. Cu
250 16
Ent Cu

28th

5 4 45
30 8 20 18
30 10 20 14
20 10 20 10
Ent. Cb. Ent. Cb.

3 8 30 7 30 3
270 11 240 6 190 3 320 19
280 20 260 7 280 11 340 26
280 24 280 6 290 15 330 31
280 24 280 7 280 14 330 22
270 24 290 3 320 12 340 23
270 32 270 6 310 36
270 55

9 45 5 5
340 10 360 5 330 18
340 15 10 22 340 19
350 6 10 19 340 17
340 10 310 14 310 25
280 13 270 16 310 31
300 5 310 25

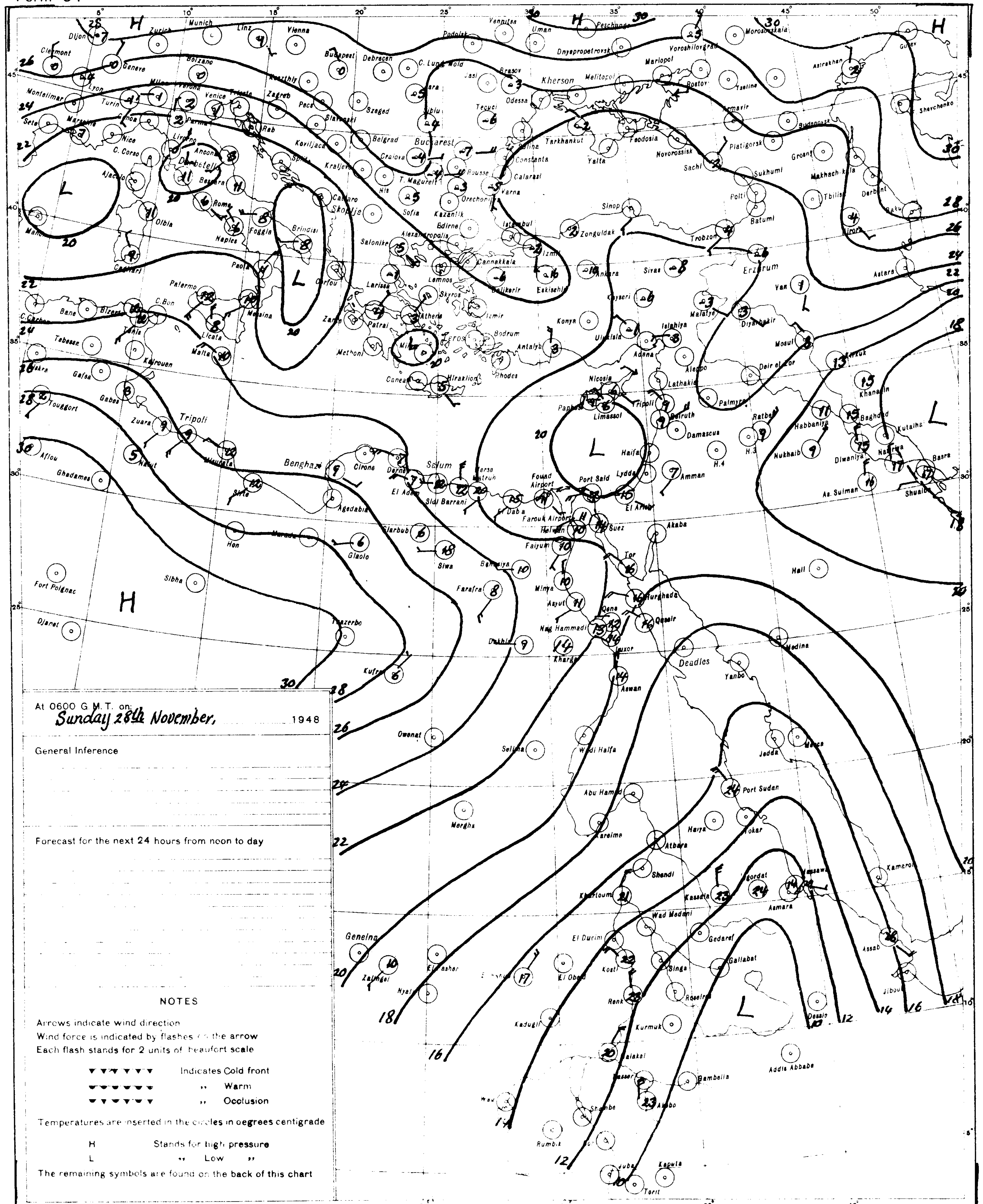
5 5 5 10
300 18 350 10 10 8 320 18
300 23 10 12 10 18 320 15
300 24 360 13 10 18 320 20
300 18 350 16 360 15 320 7
290 25 300 15

3 25
20 42
30 31
30 5
70 8
250 11

3 45 5 3 45
340 11 10 24
360 21 30 15 20 32
40 12 40 22
60 5 60 32
80 29
70 19
90 1

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: *Sunday 28th November,* 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼ Indicates Cold front
▼▼▼▼▼▼ ,, Warm
▼▼▼▼▼▼ ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

S.O.E. 948148 95

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 31 G.M.T.
" " Sunset 14 55 G.M.T.

MINISTRY OF NATIONAL DEFENCE — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: Monday 29th November, 1948.

At 1200 on Sunday 28th

Index No.	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 6-12 G.M.T. mms
146	SIDI BARANI												
160	MATRUH	82	6	08	2	8	10	9	23	12	88	10	R
134	EL DABA	60	6	01	4	6	10	9		13.1	69	8	3
	ALEXANDRIA	03	8	04	2	6	10	9	21.4	14.4	70	9	3
	FOUAD (Airport)	02	7	06	2	8	10	8,4	21.4	14	77	10	R
	DAMIETTA	61	7	22	3	5	10	8	20.4	13.8	90	12	10
	PORT SAID	81	6	29	3	8	10	8	21	15	77	11	R
	EL ARISH	01	9	24	2	1	5	8	19.8	16.4	58	8	0
	DAMANHUR	03	7	04	2	2	10	9	22.0	14.8	70	10	0
	MANSURA	02	7	28	2	2	8	9	21.5	15.4	72	10	0
	TANTA	02	7	32	2	5	9	7	21.2	15.0	68	9	Dr.
139	ZAGAZIG	13	6	24	1	1	10	7	21.5	16.6			0
	SHIBIN EL KOM	01	8	28	3	1	5	8	21.0	20.4	43	7	0
	ISMAILIA	02	7	26	1	2	8	9	20.6	17.0	54	8	0
	FAROUK (Airport)	00	8	26	2	0	1	8	21	17	39	3	0
	ALMAZA	00	8	26	2	0	1	8	20.7	16.8	33	0	0
	EZBEKIYA	00	8	28	2	0	0	—	21.4	17.8	35	2	0
	GIZA	00	8	28	2	0	0	—	21.2	19.0	34	3	0
	HELWAN	00	9	26	3	0	1	8	21.2	16.9	30	-1	0
	FAYUM	01	8	30	2	1	5	8	21.2	18.5	35	2	0
	[illegible]	00	9	30	1	0	1	8	21.1	19.3	38	4	0
	MINYA	00	8	29	3	0	2	8	22	19	30	1	0
	[illegible]	00	8	26	1	0	0	-	21.0	17.8	37	3	0
	NAG HAMMADI	00	8	28	1	0	0	-	17.5	20.2	36	4	0
	QENA	01	8	26	2	1	5	3	19.4	20.0	32	3	0
	[illegible]	01	8	28	3	1	5	2,1	19	20	23	-2	0
	ASWAN	02	9	30	2	1	8	1	19.8	16.5	50	5	0
	[illegible]	00	8	24	2	0	0	—	23.8	17.8	63	11	0
	[illegible]	01	8	24	1	1	3	8	21.8	17.5	44	5	0
	[illegible]	00	8	24	2	0	1	4	23.0	18.0	49	7	0
	[illegible]	00	8	28	3	0	0	—	23.0	15.8	51	6	0
	[illegible]	01	8	32	2	0	3	1	21.7	18.6	27	0	0
	[illegible]	01	8	00	0	1	5	8	18.7	19.1	46	7	0
	[illegible]	00	8	28	5	1	5	1	19.2	18.8	47	7	0
	[illegible]	02	9	30	4	2	8	2	19	19	46	7	0
	[illegible]												

At 1800 on 28th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain
SIDI BARANI	13	8	14	2	6	3	6	24.2	9.8	92	9	3
MATRUH	01	7	18	1	8	5	4	24	11	94	10	Tr
EL DABA	60	6	01	4	6	10	9		13.2	72	8	1
ALEXANDRIA	03	5	04	1	5	10	9	24.2	13.7	59	6	Tr
FOUAD (Airport)	02	7	06	1	6	10	8,6	24.1	13	77	9	2
DAMIETTA	03		26	3	2	10	8	22.8	14.2	65	8	0
PORT SAID	03	7	32	4	5	10	8,4	22	16	68	10	Tr
EL ARISH	03	9	32	3	2	10	9	20.7	15.2	62	8	1
DAMANHUR	01	6	32	3	1	3	8	23.7	12.0	68	6	0
MANSURA	02	5	32	1	5	8	9	23.9	13.5	77	10	Dr.
TANTA	01	7	00	0	2	7	7	23.6	14.6	84	12	0
ZAGAZIG	02	6	24	2	2	8	6	22.8	13.4	82	10	0
SHIBIN EL KOM	01	7	30	2	1	5	6	24.2	14.9	75	10	0
ISMAILIA	01	6	02	1	1	7	6	23.1	14.0	69	8	0
FAROUK (Airport)	00	7	06	2	1	0	—	23	14	67	8	0
ALMAZA	00	7	04	2	0	0	—	23.5	12.3	79	9	0
EZBEKIYA	00	7	00	0	0	0	—	23.6	12.6	80	10	0
GIZA	00	7	00	0	0	0	—	23.5	13.5	64	7	0
HELWAN	00	8	02	4	0	0	—	23.1	12.6	76	9	0
FAYUM	00	8	00	0	0	0	—	22.6	12.1	64	5	0
[illegible]	00	9	10	1	0	0	—	23.0	10.8	75	7	0
MINYA	00	7	00	0	0	0	—	23	12	55	3	0
[illegible]	00	6	20	1	0	0	—	23.5	11.8	67	6	0
NAG HAMMADI	00	8	00	0	0	0	—	21.4	13.4	60	5	0
QENA	01	6	24	2	1	5	3	21.6	15.4	51	5	0
[illegible]	00	7	00	0	0	0	—	22	12	59	4	0
ASWAN	00	9	32	2	0	0	—	21.4	15.6	53	6	0
[illegible]	00	6	00	0	0	0	—	24.8	10.2	84	7	0
[illegible]	01	7	28	1	1	5	8	23.3	12.5	60	4	0
[illegible]	00	7	32	1	0	0	—	24.4	10.0	64	3	0
[illegible]	00	7	32	1	0	0	—	24.4	10.0	64	3	0
[illegible]	00	7	00	0	0	0	—	24.0	12.2	40	-1	0
[illegible]	00		32	2	0	0	—	21.8	13.9	77	10	0
[illegible]	00	8	28	5	0	0	—	20.6	17.2	48	6	0
[illegible]	00	8	26	2	2	0	—	20	16	45	4	0
[illegible]	00	8	28	3	1	0	—	19.9	15.0	49	5	0

At 0600 on Monday 29th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs PPP	Diff. from normal	Temp. Dry Bulb TT	Maximum Yesterday TxTx	Max. Diff. from norm	Minimum Today TnTn	Min. Diff. from norm	Humidity % UU	Dew Point °C	Rainfall Past 24 hrs	Rainfall Total From Oct 1	Rainfall Normal From Oct 1	Station
SIDI BARANI	01	9	18	3	1	3	9	24.9		10.0	14		7		82	7	5	83		SIDI BARANI
MATRUH	00	7	21	3	0	0	—	25		9	16		8		88	7	3	52		MATRUH
EL DABA	02	7	20	1	1	8	9			11.2	15		8		85	9	4	30		EL DABA
ALEXANDRIA	03	6	12	1	6	10	9	26.4	+8.0	13.2	16	-7	10	-5	81	10	8	53	38	ALEXANDRIA
FOUAD (Airport)	02	7	12	1	5	10	8,4	25.7		12	15		11		95	12	3	48		FOUAD (Airport)
DAMIETTA	00		22	2	0	2	8	24.6	+7.3	15.0	14		9		68	9	10	25	20	DAMIETTA
PORT SAID	25	7	21	1	8	9	8	24		14	16		14		82	11	3	10		PORT SAID
EL ARISH	21	9	30	2	8	10	9	25.4	+7.4	13.2	18	-5	11	0	94	12	15	30	16	EL ARISH
DAMANHUR	01	6	08	2	1	5	4	25.6	+7.2	12.4	17	-7	10	-2	82	9	0	6	15	DAMANHUR
MANSURA	01	7	16	1	1	5	6	25.9	+8.1	13.0	17	-7	10	-2	80	10	Dr.	6	9	MANSURA
TANTA	00	8	00	0	1	2	8	25.9	+7.4	10.0	19	-5	6	-5	92	9	Dr.	8	7	TANTA
ZAGAZIG	00	6	04	2	0	0	—	25.4	+7.0	12.8	20	-4	8	-2	77	9	0	1	6	ZAGAZIG
SHIBIN EL KOM	00	7	30	2	0	0	—	25.9	+7.6	10.2	21		8		81	7	0	4		SHIBIN EL KOM
ISMAILIA	01	5	10	1	1	7	6	25.2		14.0	19		12		80	11	0	3		ISMAILIA
FAROUK (Airport)	01	7	06	1	0	3	6	26		11	18		9		77	7	0	Dr.		
ALMAZA	01	7	02	1	0	3	6	25.5	+7.4	12.0	18		9		69	6	0	Dr.		ALMAZA
EZBEKIYA	09	5	00	0	4	0	—	25.8	+7.7	10.7	19	-5	9	-3	82	8	0	Dr.	3	EZBEKIYA
GIZA	09	5	00	0	4	0	—	25.8	+7.6	9.0	21	-2	5	-5	97	8	0	Dr.	5	GIZA
HELWAN	01	6	06	2	1	5	4	25.4	+6.7	14.2	17	-6	4	-3	64	7	0	1	3	HELWAN
FAYUM	00	8	00	0	0	0	—	25.9	+7.4	11.2	20	-5	7	-4	79	7	0	Dr.	0	FAYUM
[illegible]	00	9	18	1	0	0	—	25.4		10.1	20		4		69	4	0	Dr.		
MINYA	05	6	00	0	0	1	1	25		8	19		4		71	3	0	3		MINYA
[illegible]	00	7	26	1	0	0	—	25.4	+6.8	11.1	18	-7	7	-3	74	7	0	0	1	
NAG HAMMADI	00	8	00	0	0	0	—	24.7	+7.7	11.6	21		4		62	5	0	0		
QENA	01	8	24	2	1	3	1	24.2	+6.6	11.3	21	-7	6	-5	62	4	0	Dr.		
[illegible]	01	8	20	1	0	3	2	24		12	20		4		51	2	0	Dr.		
ASWAN	02	9	32	1	1	8	4	23.8	+6.6	11.7	20	-8	10	-4	68	6	0	Dr.		ASWAN
[illegible]	00	7	00	0	0	0	—	26.4	+7.0	5.0	18	-6	1	-6	84	3	0	0	1	
[illegible]	00	7	32	1	4	0	—	25.6	+6.4	7.0	18	-6	3	-6	85	5	0	Dr.	2	
[illegible]	01	8	20	1	0	3	4	26.4		8.0	19		2		63	1	0	Dr.		
[illegible]	61	8	00	0	1	3	6,5	25.5	+7.1	6.8	17	-9	4	-6	71	2	0	Dr.		
[illegible]	00	8	00	0	0	0	—	24.5	+6.4	11.0	19	-8	7	-3	63	4	0	0		
[illegible]	01	6	28	1	1	5	8	23.9	+6.5	13.8	21	-3	11	-2	78	10	0	12	5	
[illegible]	00	9	04	1	0	0	—	22.6	+6.0	13.5	23	-2	9	-4	53	4	0	0	3	
[illegible]	01	9	26	3	0	5	8,2	22		14	20		9		57	6	0	0		
[illegible]	01	8	28	3	1	5	4	21.6	+5.1	16.3	22	-4	14	-4	48	5	0	0	3	
[illegible]																	0	30	55	
[illegible]																	0	0		
[illegible]																	0	3	1	
[illegible]																	0	7	2	
[illegible]																	0	10	4	
[illegible]																	0	2	8	
[illegible]																	0	11	12	
[illegible]																	0	0	48	
[illegible]																	0	2	36	
[illegible]																	0	0	16	
[illegible]																	0	0	6	
[illegible]																			4	
[illegible]																	0	69	86	
[illegible]																	0	261	142	
[illegible]																	0	120	124	

29th

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
[illegible]	02
[illegible]	03
[illegible]	04
[illegible]	05
[illegible]	06
[illegible]	07
[illegible]	08
[illegible]	09

28th
70 +5
67 -2
61 -11
66 +9

29th 0.2

29th 4

	9	87	130	13
660	8	95	130	13
3530	5	85	30	15
5050	2	85	40	5
6640	-2	85	340	6
11300	-2	35	260	17
14100	-7		260	37
18680	-17		260	40
	-28			
30680	-41		260	20

28th

P.Said A.P. 14		Matruh 14		Matruh 15		Almaza 14		Almaza 15		Minya 15	
320	11	350	14	330	3	320	12				
Ent. Cu.		360	7	300	3	320	12				
		60	3	320	2	320	15				
		280	4	320	3	330	13				
		210	4	360	2						
		Ent. Cb		270	15						
				260	12						
				250	10						

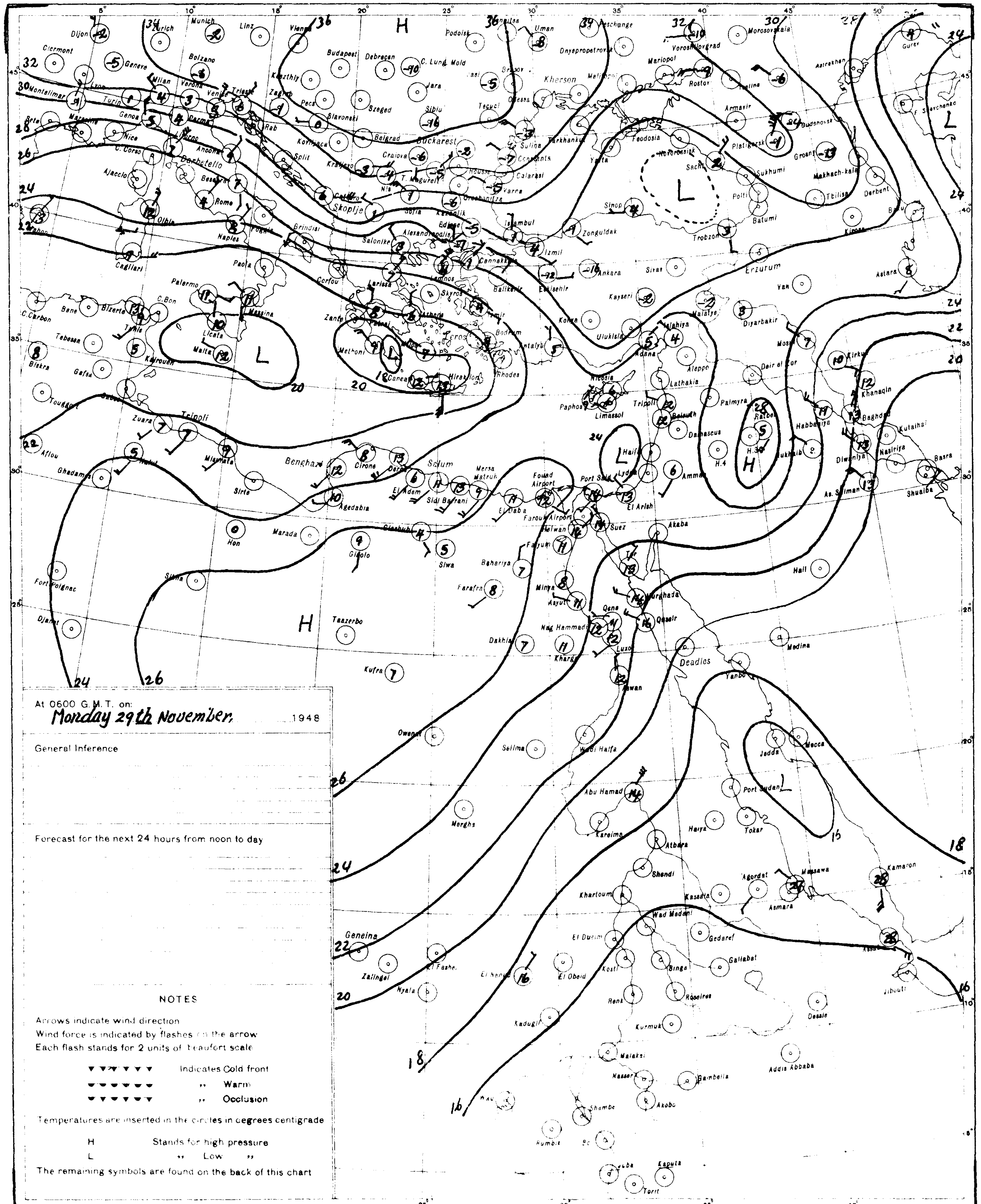
29th

5		4 45		3 30		3		9		7 45		3		6		5		6 30	
210	18	220	16	120	11	90	14	60	6	60	10	60	3	340	8	10	8	130	2
230	13	200	6	70	10	60	19	70	6	70	12	50	9	340	17	360	27	190	1
250	9	190	9	70	10	40	12	60	6	60	10	40	9	360	16	10	27	30	3
230	7	200	5	70	7	40	5	70	6	70	19	30	8	10	5	360	10	340	7
		150	7	50	3	340	6	40	5	Ent. Cu.		300	10	260	14	320	3	310	11
		350	5	Ent. Vs		260	14	40	5			270	12	270	28	300	10	300	13
		310	17															290	13
		270	20			260	34												
						260	45												

5		5		5		9	
70	3	350	8	10	12	350	14
80	5	10	11	360	17	350	12
50	11	340	16	10	14	310	10
20	16	330	28	340	9	300	7
20	18			280	13	260	8
320	18						
320	10						
290	33						

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
Monday 29th November, 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of Beaufort scale

▼▼▼▼▼▼	Indicates	Cold front
▼▼▼▼▼▼	,,	Warm
▼▼▼▼▼▼	,,	Occlusion

Temperatures are inserted in the circles in degrees centigrade

H	Stands for high pressure
L	,, Low ,,

The remaining symbols are found on the back of this chart

S o/f 9481484/951

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 32 G.M.T.
" " Sunset 14 55 G.M.T.

MINISTRY OF NATIONAL DEFENCE. METEOROLOGICAL DEPARTMENT, EGYPT

Form 91

DAILY WEATHER REPORT

Date: TUESDAY 30th NOVEMBER, 1948.

At 1200 on MONDAY 29th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 6-12 G.M.T. mms
SIDI BARANI	01	9	18	3	0	3	4	224	17.0	46	05	0
MATRUH	00	7	24	2	0	0	-	24	18	46	06	0
EL DABA												
ALEXANDRIA	01	9	24	2	0	5	8	23.6	17.4	56	08	0
FOUAD (Airport)	01	8	22	2	2	5	8,4	24	18	60	10	0
DAMIETTA	00	8	30	2	0	1	8	23.5	16.9	55	08	0
PORT SAID	01	7	30	1	1	3	9,4	23	17	60	09	0
EL ARISH	01	9	04	2	5	5	8	23.4	16.6	62	16	tr
DAMANHUR	01	7	12	2	1	5	8	23.6	17.2	53	07	0
MANSURA	01	8	02	1	1	5	8	24.3	19.2	57	10	0
TANTA	01	8	00	0	1	5	8	23.9	18.0	53	08	0
ZAGAZIG	01	6	08	1	1	5	8	23.5	17.8	58	09	0
SHEBIN EL KOM	01	8	30	3	1	5	8	23.0	19.7	41	06	0
ISMAILIA	01	7	08	2	1	5	6	22.0	18.5	51	08	0
FAROUK (Airport)	01	8	08	3	1	5	8	23	18	52	08	0
ALMAZA	01	7	05	4	0	7	8	23.0	17.9	43	06	0
EZBEKIA	02	8	00	0	2	9	8	23.4	18.9	49	08	0
GIZA	02	8	00	0	2	9	8	23.4	18.0	68	12	0
HELWAN	01	9	02	3	1	7	8	22.6	17.8	42	05	0
FAYUM	01	8	32	2	1	5	8	23.1	18.5	46	06	0
	01	9	04	1	0	5	7	22.3	20.8	42	07	0
	00	8	00	0	0	2	8	22	19	37	04	0
	10	8	26	1	0	0	-	21.2	18.2	43	05	0
	00	8	24	1	0	0	-	20.1	21.6	36	06	0
	01	9	24	2	1	3	1	19.8	19.0	46	07	0
	00	8	02	1	0	2	1	20	20	35	04	0
	02	9	30	1	1	8	4	20.2	19.8	35	04	0
	00	8	20	2	0	0	-	24.4	18.5	67	12	0
	01	8	00	0	1	3	8	23.4	17.8	50	07	0
	01	8	04	1	1	5	4	23.9	17.7	49	07	0
	02	9	28	4	1	8	5	23.4	17.7	45	06	0
	00	8	28	1	0	k	1	22.6	19.2	29	00	0
	01	8	32	5	1	5	8	22.1	18.2	52	08	0
	00	9	28	2	0	0	-	21.9	20.5	53	10	0
	01	9	30	3	1	5	8	20	19	56	10	0
	01	8	32	3	1	6	1	20.4	20.7	46	09	0
	02	8	02	5	1	10	6,4	15	27	66	20	0
	00	8	04	3	0	1	1	14	27	23	04	0
	01	7	04	2	1	5	1	11	31	26	09	0
	00	8	32	4	0	1	1	10				0
	00	8	04	2	0	0	-	7	34	32	15	0
	00	8	04	3	0	0	-	8	34	27	12	0
	00	9	04	3	0	0	-	9	31	33	13	0
	00	8	30	2	0	0	-	8	36	27	14	0
	01	8	02	3	1	3	1	10	28	20	03	0
	00	[illegible]	06	3	0	0	-		28	25	06	0
	00	8	04	3	0	0	-		30			0
	00	8	02	3	1	k	4	9	33	30	13	0
	00	8	04	2	0	0	-	8	34	27	12	0
	02	8	02	3	1	9	8,4	8	32	41	17	0

At 1800 on 29th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. PPP	Temp. TT	Humidity UU	Dew Point °C	Rain 12-18 G.M.T.
SIDI BARANI	01	8	18	3	0	3	4	22.2	10.8	73	06	0
MATRUH	00	7	21	3	0	0	-	25	11	71	06	0
EL DABA												
ALEXANDRIA	01	5	12	1	0	5	8	24.0	15.0	62	08	0
FOUAD (Airport)	00	7	24	1	1	2	4	24.2	13	82	10	0
DAMIETTA	00		30	2	0	k	8	23.8	12.2	91	10	0
PORT SAID	00	7	31	2	0	k	8	24	14	88	12	0
EL ARISH	00	9	28	2	0	0	-		13.1	75	9	0
DAMANHUR	00	5	12	2	1	0	-	24.4	14.2	82	11	0
MANSURA	00	6	04	1	1	0	-	24.6	12.8	77	09	0
TANTA	01	8	00	0	1	5	8	24.6	13.5	76	10	0
ZAGAZIG	00	6	04	2	0	0	-	24.3	13.8	77	10	0
SHEBIN EL KOM	01	7	28	2	1	3	6	23.8	13.8	73	09	0
ISMAILIA	00	6	02	1	0	0	-	23.8	13.0	77	09	0
FAROUK (Airport)	00	7	08	3	1	0	-	24	14	67	08	0
ALMAZA	00	7	06	3	1	0	-	24.2	13.5	60	06	0
EZBEKIA	00	7	04	1	0	0	-	23.8	13.0	73	08	0
GIZA	00	7	04	1	0	0	-	23.5	13.8	80	11	0
HELWAN	00	7	04	5	0	0	-	23.5	13.4	60	05	0
FAYUM	00	8	32	1	1	0	-	22.8	14.2	66	08	0
	00	7	02	1	0	0	-	22.6	12.4	76	08	0
	00	7	00	0	0	0	-	23	11	63	04	0
	00	6	26	1	0	0	-	22.7	11.6	69	06	0
	00	8	00	0	0	0	-	21.2	13.8	59	06	0
	00	6	26	3	1	0	-	21.1	14.4	59	06	0
	00	7	00	0	0	0	-	21	12	47	01	0
	00	9	00	0	0	0	-	21.1	16.0	50	05	0
	00	7	00	0	1	0	-	23.5	11.0	63	04	0
	00	7	00	0	1	0	-	24.2	11.0	59	03	0
	00	8	28	1	0	0	-	23.6	12.8	55	04	0
	00	7	00	0	0	0	-	23.3	13.0	47	02	0
	00		32	3	0	0	-	22.7	14.2	74	09	0
	00	8	28	1	0	0	-	21.6	15.0	58	02	0
	00	8	27	3	1	0	-	21	18	60	10	0
	00	8	28	3	1	0	-	20.4	18.0	55	09	0

At 0600 on TUESDAY 30th

Station	ww	V	DD	F	W	Cloud Amount	Cloud Form C	M.S.L. PPP	Dif from normal	Dry Bulb TT	Max. Yesterday	Dif from norm	Min. Today	Dif from norm	Humidity UU	Dew Point	Rain Past 24 hrs	Total from Oct 1	Norm from Oct 1
SIDI BARANI	01	9	18	3	1	5	4	21.4		10.1	17		8		68	04	0	83	
MATRUH	00	8	23	4	0	1	4	22		9	18		8		71	04	0	52	
EL DABA																		30	
ALEXANDRIA	01	9	12	2	2	5	8	22.5	+4.1	14.1	19	-4	11	-4	67	08	0	53	39
FOUAD (Airport)	00	7	18	1	0	0	-	23		12	18		8		88	10	0	48	
DAMIETTA	09		22	2	4	8	9	22.4	+5.0	12.8	18		8		91	12	0	25	21
PORT SAID	01	7	13	1	0	5	8	22		16	19		13		77	12	0	10	
EL ARISH	00	9	20	3	0	0	-	22.2	+4.1	13.1	20	-3	8	-3	64	06	tr	30	17
DAMANHUR	00	5	20	2	0	0	-	23.4	+4.9	12.2	20	-4	8	-4	74	08	0	6	15
MANSURA	01	7	32	1	1	5	8	23.1	+5.2	11.8	21	-3	8	-4	76	08	0	6	9
TANTA	01	8	00	0	1	3	8	23.1	+4.5	9.0	20	-4	5	-6	97	08	0	8	7
ZAGAZIG	00	6	00	0	0	0	-	23.1	+4.7	8.8	20	-4	6	-5	72	04	0	1	6
SHEBIN EL KOM	00	7	28	2	0	0	-	22.8	+4.4	9.3	21		7		83	06	0	4	
ISMAILIA	00	6	00	0	0	0	-	21.6		13.2	19		8		78	09	0	3	
FAROUK (Airport)	00	7	00	0	0	k	6	22		10	19		7		88	08	0	tr	
ALMAZA	00	7	00	0	0	0	-	23.1	+4.9	11.8	19		7		63	06	0	tr	
EZBEKIA	09	6	32	1	4	0	-	23.3	+5.1	10.2	19	-5	8	-4	86	08	0	tr	3
GIZA	09	6	32	1	4	0	-	23.1	+4.9	9.2	19	-4	6	-4	98	08	0	tr	5
HELWAN	10	6	00	0	0	k	4	23.5	+4.8	10.2	18	-5	9	-3	90	08	0	1	3
FAYUM	09	5	00	0	4	0	-	23.1	+4.6	11.5	21	-4	8	-3	80	09	0	tr	0
	00	9	18	1	0	0	-	22.8		10.6	21		5		74	07	0	tr	
	05	6	32	1	0	3	1	23		10	20		4		62	03	0	3	
	00	7	26	1	0	0	-	22.4	+3.7	10.0	20	-4	7	-3	64	03	0	0	1
	00	8	28	1	0	0	-	22.8	+5.5	13.1	23		5		64	06	0	0	
	00	7	24	3	0	0	-	23.1	+5.4	10.4	21	-7	7	-4	72	05	0	tr	
	00	8	00	0	0	1	1	22		12	21		3		55	03	0	tr	
	00	9	32	2	0	0	-	21.9	+4.6	12.0	21	-7	9	-5	57	04	0	tr	
	00	7	00	0	0	0	-	24.2	+4.7	7.5	20	-4	1	-6	65	02	0	0	1
	01	8	32	1	1	3	5	23.9	+4.6	9.0	20	-4	3	-6	73	04	0	tr	2
	01	8	20	1	1	5	4	22.4		9.1	19		-1		62	-3	0	tr	
	01	8	00	0	0	3	6	24.6	+5.7	8.3	18	-7	3	-6	70	03	0	tr	
	00	8	00	0	0	0	-	24.4	+6.2	10.2	20	-7			79	06	0	0	
	00	7	32	2	0	0	-	21.8	+4.3	12.6	20	-4	9	-4	82	10	0	12	5
	00	9	04	1	0	0	-	22.3	+5.7	11.0	21	-4	7	-6	61	04	0	0	3
	01	9	25	2	1	5	8	21		13	20		8		55	04	0	0	
	0[illegible]	8	28	3	0	0	-	20.3	+3.7	16.2	22	-4	13	-5	55	07	0	0	3
																	0	30	57
																	0	0	
																	0	3	1
																	0	7	2
																	0	10	4
																	0	2	8
																	0	11	12
																	0	0	48
																	0	2	36
																	0	0	16
																	0	0	6
																			4
																	0	69	86
																	0	261	142
																	0	120	124

PRESENT WEATHER (ww)
Clear 00
Partly cloudy 01
Cloudy 02
Overcast 03
...

29th
68 +3
70 +1
82 +10
57 0

30th 1.0

30th 3

1014 9 87 120 5
210 10 85 120 5

3480 7 75 110 17
5020 6 55 60 8
6650 6 - 270 5
10190 00 - 240 25
14480 -7 - 250 31
18790 -14 - 250 54

30820 -41 - 250 88

37530 -58 -

29th

ALMAZA 14	FOUAD A.P. 15	PORT SAID 14 30	Minya 15
60 7	340 10	30 5	340 13
60 7	260 11	30 8	10 10
70 8	240 9	30 7	10 10
70 6	220 2	70 9	360 11
50 5	250 3	130 3	
Ent Cu			

5 4 45 3
240 31 230 23 60 7
240 24 250 20 70 5
250 22 280 10 Ent Cu
Ent Sc 240 4
250 7
250 18

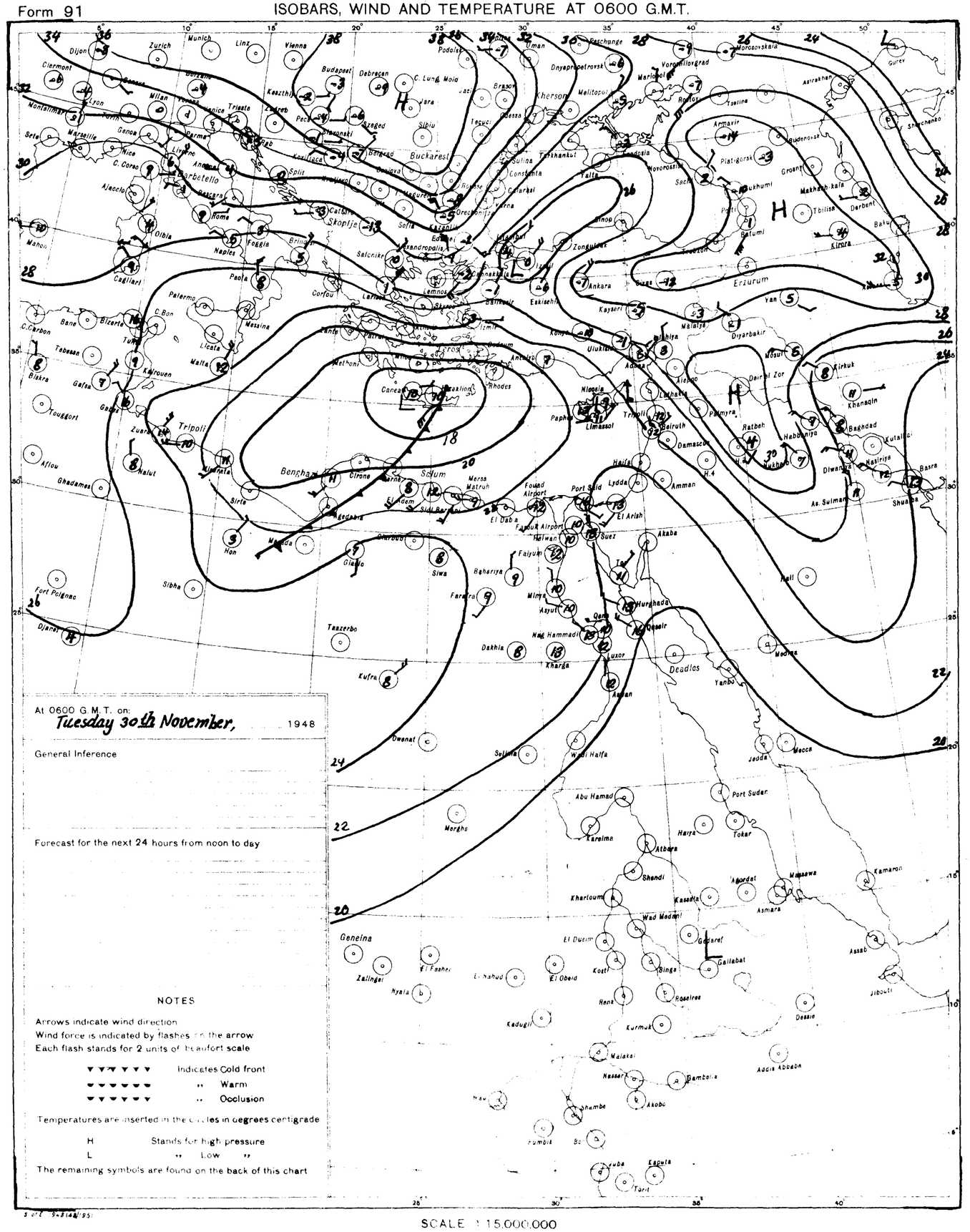
30th

3 6 5 5
350 3 20 10 360 6 10 10 180 15
60 12 360 13 360 10 20 19 180 13
70 14 360 13 360 10 220 6
220 8 310 6 300 33 290 6
200 7 280 4 270 20 270 14
220 12 270 14

5 5 5 9 30
30 7 10 8 360 5 340 12
70 11 20 9 10 17 280 5
90 11 10 11 10 10 260 8
360 3 340 10 280 12
290 3 250 14
290 5 250 26
260 11
230 13

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
Tuesday 30th November, 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of Beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

SCALE 1:15,000,000

Eng. Complete
Meteorological Unit

CAIRO

Time of Sunrise 04 33 G.M.T.

" " Sunset 14 55 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: WEDNESDAY 1st DECEMBER, 1948.

At 1200 on TUESDAY 30th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARANI	14	9	20	4	1	5	4	19.6	18.1	44	05	•
	160	MATRUH	00	7	26	4	0	1	1	20	18	40	04	•
	134	EL DABA	00	9	20	1	0	•	-	21.4	18.0	44	05	0
	132	ALEXANDRIA	01	9	22	2	2	5	4	21.5	17.7	40	04	0
	150	FOUAD (Airport)	01	8	22	2	0	3	8	21.6	18	49	07	•
	159	DAMIETTA	00	8	28	2	0	2	8	20.3	17.8	48	07	0
	161	PORT SAID	00	8	29	3	0	1	6	21	18	60	10	0
	135	EL ARISH	00	9	28	4	0	0	-	20.4	16.7	61	09	0
Lower Egypt	136	DAMANHUR	00	7	24	2	1	2	8	21.8	18.2	52	08	0
	137	MANSURA	01	8	28	1	1	5	8	21.0	19.8	55	11	0
	138	TANTA	01	8	00	0	1	5	8	21.4	18.0	53	08	0
	139	ZAGAZIG	01	6	28	2	1	5	8	20.7	19.4	58	10	0
		SHIBIN EL KOM	01	8	28	3	1	5	8	20.6	22.6	32	05	0
		ISMAILIA	01	7	04	1	1	5	6	20.4	20.0	47	08	0
Cairo Area	028	FAROUK (Airport)	01	8	32	1	0	3	8	20	19	46	07	•
	141	ALMAZA	01	7	04	1	•	5	8	20.4	19.0	40	04	0
		EZBEKIYA	01	8	06	1	1	5	8	21.1	19.0	50	08	0
		GIZA	01	8	06	1	1	5	8	21.4	19.1	52	09	0
	143	HELWAN	01	8	30	2	1	3	8	20.6	18.5	43	05	0
Upper Egypt	153	FAIYUM	01	8	30	2	1	3	8	21.0	19.4	46	07	0
		BENI SUEF	00	9	26	1	0	0	-	20.2	21.0	47	09	•
	162	MINYA	00	8	31	2	0	1		21	20	41	06	0
	155	ASYUT	00	8	22	1	0	0	-	20.0	18.8	42	06	0
	164	NAG HAMMADI	00	8	28	1	0	0	-	19.5	21.4	40	07	•
	156	QENA	00	8	24	2	0	0	-	18.8	19.4	46	07	•
	157	LUXOR	00	8	32	2	•	2	1	20	22	21	-1	•
	158	ASWAN	01	9	32	2	1	3	1	18.4	22.5	27	02	0
Oases	148	SIWA	00	8	00	0	0	0	-	22.2	20.0	64	13?	0
	149	BAHARIYA	00	8	32	1	1	•	-	21.5	18.0	53	0.8	0
		FARAFRA												
	152	DAKHLA	00	9	28	1	•	•	-	20.7	19.0	45	07	0
	151	KHARGA	00	8	02	2	0	•	-	20.6	19.9	29	01?	0
Red Sea	144	SUEZ	00	8	32	2	0	0	-	18.2	21.6	44	09	0
	145	TOR	00	9	28	2	0	•	-	19.0	21.1	57	12	•
	[illegible]	HURGHADA	00	9	32	2	1	1	2	18	21	50	10	0
	[illegible]	QUSEIR	00	8	32	3	0	0	-	18.3	22.0	47	10	•
	[illegible]	PORT SUDAN	02	7	04	4	1	10	6,4	14	27	66	20	0
[illegible]	[illegible]	WADI HALFA												
	[illegible]	KAREIMA	00	8	02	3	0	1	2	14	28	20	03	0
	[illegible]	ATBARA	00	7	28	3	0	0	-	11	31	22	07	•
	[illegible]	KHARTUM	00	8	02	3	0	0	-	10	33	16	04	•
	[illegible]	KASSALA	00	8	32	1	0	0	-	7	36	31	16	0
	[illegible]	WAD MEDANI	00	8	32	5	•	0	-	8	34	25	11	0
	[illegible]	RENK	00	9	04	3	0	0	-	11	31	29	11	0
	[illegible]	ROSEIRES	00	8	30	2	0	0	-	6	34	27	12	•
	[illegible]	EL OBEID	00	8	02	4	•	0	-	14	27	22	03	0
	[illegible]	EL FASHER	00	8	02	2	•	•	-	1	29	27	08	0
	[illegible]	GENEINA	00	8	06	2	•	k	4		32	09	-5	0
	[illegible]	MALAKAL	01	8	06	1	1	5	8,4	6	35	58	16	0
	[illegible]	WAU	01	8	04	3	1	5	4	7	34	25	11	0
	[illegible]	JUBA												

At 1800 on 30th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARANI	01	8	18	3	1	3	4	19.9	11.1	70	06	0
MATRUH	00	7	23	3	0	•	-	21	11	63	04	0
EL DABA	00	7	00	0	0	0	-		13.4	75	09	0
ALEXANDRIA	01	5	20	2	2	3	4	21.6	14.2	61	07	0
FOUAD (Airport)	01	7	14	1	0	5	6	21.8	12	88	10	0
DAMIETTA	00		22	2	0	k	8	21.1	12.6	80	10	0
PORT SAID	00	7	27	3	0	k	8	22	16	64	09	0
EL ARISH	00	9	28	3	0	•	-	19.6	13.2	76	09	0
DAMANHUR	00	6	24	2	0	0	-	21.8	12.0	74	07	0
MANSURA	00	6	32	1	1	0	-	22.0	13.8	74	09	0
TANTA	01	8	00	0	1	5	8	22.6	15.3	74	10	0
ZAGAZIG	00	6	00	0	0	0	-	20.3	13.5	77	10	0
SHIBIN EL KOM	00	7	28	2	0	0	-	21.9	16.6	75	12	0
ISMAILIA	00	6	02	1	0	0	-	20.7	15.0	66	09	0
FAROUK (Airport)	00	8	00	0	0	0	-	21	14	72	09	0
ALMAZA	00	7	04	1	0	k	1	21.1	14.4	63	08	0
EZBEKIYA	00	7	00	0	0	0	-	21.8	14.0	69	08	0
GIZA	00	7	00	0	0	0	-	21.6	11.6	80	09	0
HELWAN	00	7	30	2	0	0	-	22.0	14.5	59	06	0
FAIYUM	00	8	00	0	0	0	-	21.5	13.0	77	09	0
BENI SUEF	00	9	00	0	0	0	-	21.4	12.3	78	08	0
MINYA	00	7	00	0	0	0	-	22	12	59	04	0
ASYUT	00	6	26	1	0	0	-	21.8	13.2	64	06	0
NAG HAMMADI	00	8	00	0	0	0	-	19.6	13.3	62	06	0
QENA	00	6	26	2	0	0	-	20.0	14.0	67	08	0
LUXOR	00	7	00	0	0	0	-	20	13	44	01	0
ASWAN	00	9	00	0	0	0	-	19.9	18.6	41	05	0
SIWA	00	7	00	0	0	0	-	23.1	11.8	58	03	0
BAHARIYA	00	7	32	1	0	0	-	22.0	11.0	63	04	0
FARAFRA	01	7	00	0	1	3	4	22.4	12.5	64	05	0
DAKHLA	00	8	28	1	•	•	-		13.0	58	05	0
KHARGA	00	7	00	0	0	0	-	21.6	13.8	46	02	0
SUEZ	00		32	2	0	0	-	20.6	14.3	77	10	0
TOR	00	8	28	2	0	0	-	19.6	14.0	62	07	0
HURGHADA	00	8	29	3	0	•	-	19	19	52	09	0
QUSEIR	00	8	28	3	1	1	1	18.3	19.0	57	10	0

At 0600 on WEDNESDAY 1st

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Max. Yesterday TxTx	Diff. from norm.	Min. Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	Station	Area
SIDI BARANI	03	9	20	4	1	8	4	19.4		10.6	19		9		78	07	0	83		SIDI BARANI	Mediterranean
MATRUH	01	7	23	4	0	5	4	20		9	19		8		62	02	0	52		MATRUH	
EL DABA	01	8	20	1	1	5	6			12.0	18		6		63	05	0	30		EL DABA	
ALEXANDRIA	01	9	20	2	2	5	4	20.8	+2.4	13.0	18	-5	10	-4	55	04	0	53	40	ALEXANDRIA	
FOUAD (Airport)	00	8	20	2	0	2	8,4	20.9		12	18		9		46	06	0	48		FOUAD (Airport)	
DAMIETTA	09		18	2	0	k	8	20.6	+3.2	12.1	19		7		72	07	0	25	21	DAMIETTA	
PORT SAID	00	7	23	3	0	k	6,4	21		16	19		12		68	10	0	10	15	PORT SAID	
EL ARISH	01	9	20	4	1	5	8	20.6	+2.4	12.3	20	-3	9	-2	85	10	0	30	17	EL ARISH	
DAMANHUR	00	5	22	3	0	0	-	21.6	+3.1	9.8	21	-2	8	-4	76	06	0	6	16	DAMANHUR	Lower Egypt
MANSURA	01	7	24	1	1	3	4	21.2	+3.2	12.0	21	-3	8	-4	74	07	0	6	9	MANSURA	
TANTA	00	8	20	1	1	0	-	22.0	+3.4	9.0	20	-4	4	-6	87	07	0	8	8	TANTA	
ZAGAZIG	01	6	20	2	1	5	6	21.9	+3.4	10.4	22	-2	8	-3	85	08	0	1	7	ZAGAZIG	
SHIBIN EL KOM	09	5	22	1	4	2	8	22.0	+3.6	10.3	23		8		82	07	0	4		SHIBIN EL KOM	
ISMAILIA	01	5	00	0	1	5	4	21.4		12.8	21		9		68	07	0	3		ISMAILIA	
FAROUK (Airport)	00	7	12	1	0	1	4	22		13			10		59	05	0	tr		FAROUK (Airport)	Cairo Area
ALMAZA	05	7	12	1	0	3	6	22.3	+4.1	13.5	20		9		54	04	0	tr		ALMAZA	
EZBEKIYA	00	7	00	0	0	2	4	22.2	+4.0	11.6	21	-3	9	-3	76	08	0	tr	4	EZBEKIYA	
GIZA	00	7	00	0	0	2	4	22.3	+4.0	10.8	22	-1	6	-4	86	09	0	tr	6	GIZA	
HELWAN	05	6	00	0	0	2	4	22.4	+3.6	12.8	19	-4	10	-2	61	05	0	1	4	HELWAN	
FAIYUM	09	6	00	0	4	5	6	22.7	+4.1	12.0	20	-4	9	-1	74	07	0	tr	0	FAIYUM	Upper Egypt
BENI SUEF	01	9	18	1	0	5	6	22.7		11.2	22		8		81	08	0	tr		BENI SUEF	
MINYA	01	7	32	1	1	5	1	22		12	20		8		63	05	0	3		MINYA	
ASYUT	01	6	22	1	1	5	5	23.0	+4.3	12.0	20	-4	8	-2	65	05	0	0	2	ASYUT	
NAG HAMMADI	00	8	00	0	0	•	-			12.5	22		6		69	06	0	0		NAG HAMMADI	
QENA	01	8	24	2	1	5	4	21.4	+3.6	11.0	21	-6	8	-3	76	07	0	tr		QENA	
LUXOR	01	8	00	0	0	7	4	21		10	22		6		50	00	0	tr		LUXOR	
ASWAN	01	9	32	2	1	3	1	20.8	+3.4	14.0	23	-5	10	-4	57	05	0	tr		ASWAN	
SIWA	00	7	00	0	0	0	-	24.0	+4.5	8.0	21	-3	1	-6	72	03	0	tr	1	SIWA	Oases
BAHARIYA	01	8	32	1	1	3	5	23.0	+3.7	9.0	20	-4	5	-4	61	02	0	tr	2	BAHARIYA	
FARAFRA	01	8	00	0	1	3	4	23.3		9.1	21		3		60	02	0	tr		FARAFRA	
DAKHLA	01	8	28	1	1	5	6	22.4	+3.5	7.0	20	-5	5	-4	70	02	0	tr		DAKHLA	
KHARGA	01	7	00	0	0	0	-	22.3	+4.1	11.2	21	-5	7	-3	71	06	0	0		KHARGA	
SUEZ	01	5	32	2	1	5	8	21.8	+4.3	11.3	21	-3	10	-3	89	09	0	12	6	SUEZ	Red Sea
TOR	01	8	24	2	2	7	1	21.2	+4.5	14.2	21	-4	10	-2	55	05	0	0	4	TOR	
HURGHADA	01	9	26	2	0	7	4	20		17	21		11		64	10	0	0	2	HURGHADA	
QUSEIR	02	8	26	4	2	8	1	18.8	+2.2	16.8	22	-4	14	-4	52	07	0	0	3	QUSEIR	
PORT SUDAN	02	8	20	4	1	0	-	17		25					70	19	0	32	58	PORT SUDAN	
WADI HALFA																	0	0		WADI HALFA	
KAREIMA																	0	3	1	KAREIMA	
ATBARA	00	7	02	2	0	0	-	15		21					47	09	0	7	2	ATBARA	
KHARTUM	00	8	02	3	0	0	-	15		21					26	01	0	10	4	KHARTUM	
KASSALA	00	8	04	1	0	0	-	12		27							0	2	8	KASSALA	
WAD MEDANI																	0	11	12	WAD MEDANI	
RENK																	0	0	49	RENK	
ROSEIRES																	0	2	36	ROSEIRES	
EL OBEID																	0	0	16	EL OBEID	
EL FASHER	01	8	30	2	1	3	1			19					28	00	0	0	6	EL FASHER	
GENEINA	02	8	00	0	1	10	2			23					69	17	0		4	GENEINA	
MALAKAL																	0	69	87	MALAKAL	
WAU																	0	261	142	WAU	
JUBA																	0	118	125	JUBA	

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20 29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50 59
Rain	60 69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70 79
Showers	80 89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	[illegible] 96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight [illegible]	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, Thick [illegible]	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V) [illegible]

WIND FORCE (F) [illegible]

WIND DIRECTION (DD) [illegible]

UPPER AIR OBSERVATIONS on 30th

DD Direction of wind in degrees East of North VV Velocity in knots.

Height	MINYA 14 30 DD	VV	MATRUH 14 DD	VV	FOUAD A.P. 14 30 DD	VV	PORT SAID 14 15 DD	VV
200	10	9	250	17	210	14	320	12
500	340	10	250	19	240	9	350	8
1000	320	13	250	16	280	9	30	4
1500	220	03	240	18	240	9	140	2
2000	220	7			220	10	220	9
3000	230	16			240	20	230	20
4000	250	38			240	30	210	35
5000	250	40						

Height	ALMAZA 15 DD	VV
200	340	6
500	350	5
1000	360	5
1500	60	6
2000	190	12

HUMIDITY [illegible]

Station	30th	
[illegible]	60	-5
Ezbekiya	70	+1
Giza	82	+10
Helwan	69	+12

GIZA [illegible] 1st 1.5

ALMAZA AEROPLANE ASCENT — Heights 500–20000 feet: no entries.

FAROUK A/P RAWINSONDE on 1st, 4

Pressure	Height feet	Temp. °C	Hum. %	Wind DD	Wind VV
1012 (surface)		11	71	30	3
1000	560	12	86	30	3
950					
900	3430	7	85	310	4
850	4960	4	75	270	5
800	6580	5	-	240	13
700	10140	2	-	230	28
600	14180	-3	-	250	54
500	18850	-13	-	250	53
400					
300	31010	-37	-		
250					
200	39860	-16	-		
150					
100					

UPPER AIR OBSERVATIONS on 1st

DD Direction of wind in degrees East of North VV Velocity in knots.

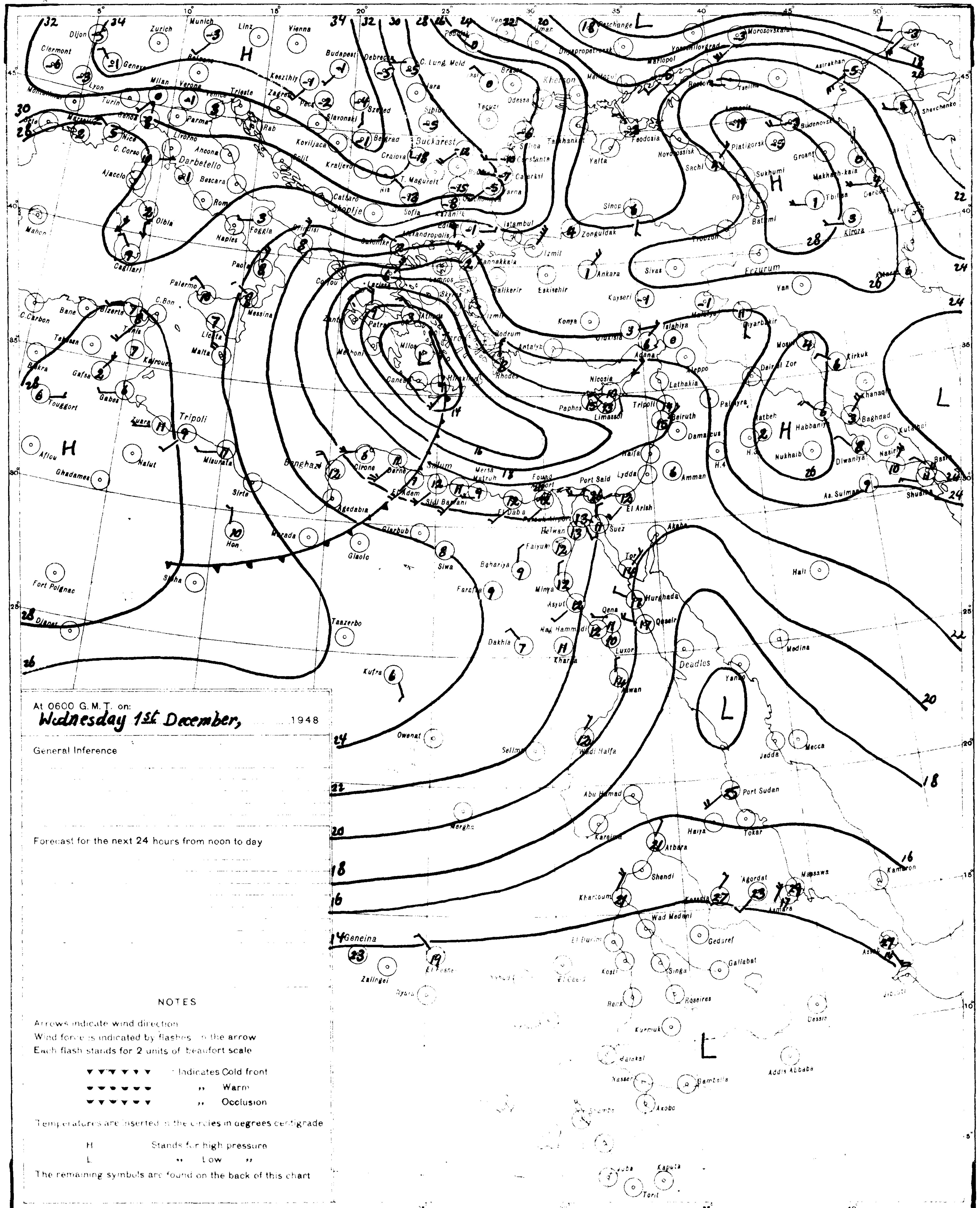
Station	Sidi Barani		Matruh		Fouad Airport		Port Said		Farouk Airport		Almaza		Helwan		Minya		Asyut		Luxor		Aswan		[illegible]	
Time	5		4 30		3		4		3		9		7 15		4				5 30		5		5	
Height	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	260	24	220	34	240	11	270	22	360	6	240	3	310	2	10	10			330	7	360	8	210	18
500	260	25	240	30	230	12	240	12	340	9	210	3	280	3	330	9			340	17	20	19	220	16
1000	260	23	250	28	230	13	150	5	320	4	250	3	240	4	300	11			330	17	20	19	260	11
1500	250	25	270	24	240	21	210	5	270	4	220	3	270	13					310	16			280	18
2000	260	27			250	10	190	4	230	13			270	12					220	20			300	19
3000					250	18			230	24			250	28					260	25			270	31
4000																							250	23
6000									250	45														

Station	Bahariya		Dakhla		Kharga		Hurghada		Wadi Halfa	Abu Hamad	Kareima	Khartum	Kassala	[illegible]	[illegible]	Malakal
Time	6		5		5		9									
Height	DD	VV	DD	VV	DD	VV	DD	VV								
200	250	4	330	5	10	12	310	12								
500	300	6	360	5	20	18	310	16								
1000	280	9	340	8	10	16	290	22								
1500	210	11	290	7	320	14	310	17								
2000	240	23			260	16										
3000	270	27			250	25										
4000	260	39														

[illegible] G.M.T.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
Wednesday 1st December, 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼ Indicates Cold front
▼▼▼▼▼▼ ,, Warm
▼▼▼▼▼▼ ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

S.o.T. 5-8148/95

SCALE 1:15,000,000

MINISTRY OF NATIONAL DEFENCE — METEOROLOGICAL DEPARTMENT, EGYPT

Form 93

DAILY WEATHER REPORT

Date: THURSDAY 2nd DECEMBER, 1948.

CAIRO
Time of Sunrise 03 34 G.M.T.
" " Sunset 14 55 G.M.T.

At 1200 on WEDNESDAY 1st

Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount	Cloud Form C	Bar. Press. M.S.L. PPP	Temp. °C. TT	Humidity UU	Dew Point °C	Rain 6–12 G.M.T. m.m.s
00	7	28	5	0	0	-	19	17	42	04	0
00	9	20	2	0	0	-		18.2	35	02	0
00	9	20	3	0	0	-	19.9	18.0	36	03	0
00	8	22	3	0	1	8	20.0	19	43	06	0
01	8	18	2	1	3	8	19.9	18.6	47	07	0
00	8	27	3	0	0	-	20	18	49	07	0
00	9	28	4	0	2	8	19.9	18.1	59	10	0
00	7	24	3	0	0	-	20.7	19.8	39	05	0
00	8	24	2	1	0	-	20.3	19.5	49	09	0
00	8	00	0	0	0	-	21.0	19.0	46	07	0
00	6	24	2	0	0	-	20.6	18.5	51	09	0
00	8	28	3	0	0	-	19.6	23.4	39	08	0
00	7	22	1	0	0	-	20.0	19.6	35	04	0
00	7	24	4	0	0	-	20	19	46	07	0
00	8	24	2	0	0	-	20.2	20.0	30	02	0
00	8	24	3	0	0	-	20.7	19.4	30	01	0
00	8	24	3	0	0	-	20.6	21.1	36	04	0
00	7	26	3	0	0	-	20.0	18.4	32	01	0
00	8	30	2	0	0	-	20.4	20.2	42	06	0
00	9	30	2	0	0	-	20.0	21.8	38	07	0
00	8	31	3	1	2	2	21	21	33	04	0
00	8	22	1	1	-	-	19.9	20.6	40	07	0
00	8	24	1	0	0	-	19.2	23.4	40	09	0
01	8	24	2	1	7	3	18.8	20.6	44	08	0
01	8	00	0	2	7	2	19	22	29	03	0
02	9	02	2	1	8	1	17.9	23.8	24	02	0
00	8	24	2	0	0	-	22.3	18.4	60	10	0
00	8	24	1	1	0	-	21.1	19.0	30	01	0
01	9	32	2	1	5	5		20.0	38	05	0
00	8	32	1	0	0	-	21.0	22.1	36	06	0
00	8	32	2	0	0	-	18.8	19.2	44	06	0
01	8	28	4	1	5	1	18.4	21.2	58	12	0
02	9	30	3	1	9	6	18	20	64	13	0
01	8	32	4	2	5	2	18.4	21.4	49	10	0
51	8	02	2	5	10	7	14	27	79	23	R.
00	8	04	2	0	0	-	13	29	27	08	0
00	7	30	2	0	0	-	10	33	34	14	0
00	8	02	3	0	0	-	10	33	24	10	0
00		32	1	0	0	-	6	37	33	18	0
00	8	04	3	0	0	-	8	29	27	08	0
00	8	04	2	0	k	1		32	26	10	0
00	8	12	1	1	k	1		33			0

At 1800 on 1st

Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount	Cloud Form C	Bar. Press. M.S.L. PPP	TT			
00	7	24	3	0	0	-	21	11	63	04	0
00	7	20	1	0	0	-		14.0	60	06	0
01	5	20	4	1	5	4	21.1	17.0	48	06	0
00	7	22	2	0	0	-	21	13	77	09	0
00		18	2	0	k	8	21.4	13.9	58	06	0
00	7	23	2	0	0	-	21	16	59	08	0
00	9	32	3	0	0	-	19.4	15.2	62	08	0
00	5	24	2	0	0	-	21.5	13.2	68	07	0
00	6	24	2	0	0	-	22.0	12.5	71	08	0
00	8	24	1	0	0	-	22.8	12.0	68	06	0
00	6	24	2	0	0	-	22.4	11.5	76	08	0
00	7	30	2	0	0	-	21.1	11.6	68	06	0
00	6	02	1	0	0	-	20.1	11.5	52	02	0
00	7	00	0	0	0	-	22	13	48	02	0
00	7	20	2	0	0	-	22.8	12.0	46	07	0
00	7	00	0	0	0	-	23.1	12.0	62	05	0
00	7	00	0	0	0	-	22.7	8.1	89	06	0
00	7	26	1	0	0	-	22.8	13.1	40	00	0
00	8	00	0	0	0	-	22.8	12.4	74	07	0
00	9	02	1	0	0	-	23.0	11.0	82	08	0
00	7	32	2	0	0	-	22	13	44	01	0
00	6	20	1	0	0	-	22.7	13.5	61	06	0
00	8	28	1	0	0	-	19.9	15.7	61	08	0
01	6	24	2	1	5		21.0	14.4	72	09	0
00	7	00	0	1	0	-	21	13	51	03	0
00	9	00	0	0	0	-	19.4	19.4	36	04	0
00	6	00	0	0	0	-	21.8	14.2	65	08	0
00	7	28	1	0	0	-	23.5	10.5	57	03	0
00	7	24	1	0	0	-	24.0	12.2	55	03	0
00	8	28	1	0	0	-		15.2	47	04	0
00	7	00	0	0	0	-	22.4	14.9	38	00	0
00		00	0	0	0	-	21.0	14.6	52	05	0
00	8	28	4	0	0	-	20.4	16.2	59	08	0
00	8	28	4	0	0	-	21	19	5.	09	0
00	8	28	4	1	0	-	19.1	19.3	54	10	0

At 0600 on THURSDAY 2nd

Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount	Cloud Form C	Bar Pressure M.S.L. PPP	Diff. from normal	Temp. Dry Bulb TT	Maximum Yesterday TT	Diff. from norm.	Minimum Today TnTn	Diff. from norm.	Humidity UU	Dew Point	Rainfall		
																0	83	
00	7	29	3	0	0	-	23		8	18		7		66	02	0	52	
00	8	20	2	0	0	-	22.3		9.1	18		6		65	03	0	30	
01	9	20	5	2	5	4	21.2	+2.8	16.4	19	-4	11	-3	45	04	1	54	42
00	8	20	3	0	0	-	22.5		12	19		10		77	03	0	48	
00		18	2	0	k	8	23.0	+5.5	10.2	20		6		70	05	0	25	22
00	7	23	4	0	k	1	23		13	19		12		67	03	0	10	
00	9	16	4	0	0	-	23.0	+4.8	10.2	20	-3	9	-2	79	06	0	30	17
00	6	24	4	0	0	-	23.3	+4.8	10.0	21	-2	7	-5	64	03	0	6	16
01	7	20	1	1	3	4	23.5	+5.5	9.8	20	-4	6	-6	70	05	0	6	10
00	8	20	1	0	0	-	23.9	+5.3	8.8	20	-4	5	-5	73	04	0	8	8
01	6	16	1	1	7	6	24.0	+5.5	12.8	22	-2	7	-4	62	06	0	1	7
00	7	30	2	0	1	8	24.0	+5.5	9.9	24		7		71	05	0	4	
01	5	22	1	1	5	5	24.2		11.7	21		8		54	03	0	3	
00	7	22	2	0	2	1	24		11	20		10		54	02	0	dr	
00	7	19	2	0	2	1	24.5	+6.2	12.1	20		9		44	01	0	dr	
01	7	00	0	0	3	1	25.0	+6.7	11.0	21	-3	9	-3	55	02	0	dr	4
01	7	00	0	0	3	1	24.8	+6.5	11.1	22	-1	6	-4	63	04	0	dr	6
00	6	00	0	0	2	3	25.5	+6.6	9.8	19	-3	7	-5	51	-1	0	1	4
01	7	00	0	1	5	6	25.8	+7.1	10.3	21		6		55	01	0	dr	0
01	7	18	1	0	5	5	25.5		11.7	22		5		65	03	0	dr	
00	7	00	0	0	2	1	25		9	21		5		71	04	0	3	
00	7	22	1	0	0	-	25.1	+6.3	11.1	21	-3	6	-4	58	03	0	0	2
00	8	28	1	0	0	-	23.7	+6.3	12.8	24		5		68	07	0	0	
01	8	24	1	1	7	3	24.0	+6.1	10.4	22	-5	8	-3			0	dr	
02	8	00	0	1	8	1	23		13	23		5				0	dr	
00	9	32	1	1	2	1	22.6	+5.1	14.3	25	-3	11	-3	75	10	0	dr	
00	7	00	0	0	0	-	26.0	+6.5	7.5	20	-3	00	-7	68	01	0	0	1
01	7	00	0	1	3	3	26.0	+6.6	9.3	20	-4	4	-5	70	04	0	dr	2
01	8	00	0	0	3	4	26.6		7.5	20		2		57	00	0	dr	
01	8	22	1	1	5	5			10.0	21	-4	7	-2	55	01	0	dr	
01	8	00	0	0	3	1	25.1	+6.8	11.8	22	-4	7	-3	47	00	0	0	
00	6	32	1	0	2	8	23.4	+5.8	9.7	22	-2	6	-7	75	06	0	12	6
00	9	04	4	0	0	-	21.4	+4.7	16.8	22	-2	10	-2	55	08	0	0	4
01	7	24	3	0	5	1	21		15	20		10		59	07	0	0	
01	8	30	4	1	5	1	21.2	+4.5	17.6	22	-4	15	-3	52	08	0	0	3
02	8	30	4	5	9	6	17		25					70	19	1	33	59
																0	0	
00	8	04	3	0	0	-			17			14		24	-2	0	3	1
00	6	02	3	0	0	-	15		23			19		47	11	0	7	2
00	8	32	3	0	0	-	15		22			20		31	04	0	10	4
00	8	04	2	0	0	-	12		26			20		66	19	0	2	8
																0	11	12
																0	0	49
																0	2	36
00	8	30	3	0	0	-			19			16		24	-2	0	0	16
00	8	02	2	0	k	1			16			11		36	01	0	0	6
																0		4
																0	69	87
																0	261	142
																0	118	126

1st
47 -18
62 -7
81 +9
45 -12

2nd 0.4

	2nd		3	
1015	10	55	210	9
640	10	55	210	9
3490	6	55	280	16
5020	4	55	270	15
6630	3	45	290	25
10170	1	-	260	34
14190	-5	-	260	50
18830	-13	-	260	
31070	-36	-		
36940	-53	-		

1st

ALMAZA 15	FOUAD.A.P 15	MINYA 15	MATRUH 11	5	3	4	3	3	6	5
320 2	230 12	340 7	260 27	270 29	250 10	260 24	260 11	340 16	330 9	300 20
320 2	240 13	320 13	260 28	290 25	250 13	250 27	290 14	340 22	350 16	300 21
270 1	240 13	310 14	260 29	290 23	240 9	240 14	290 14	330 20	360 19	300 22
	250 10	290 20	270 30	300 21	230 11		270 15	340 19	320 13	290 24
	270 13	290 16	260 38		250 11		280 22	320 23	240 9	280 29
	260 11				220 15		280 28	300 27		280 25

Port SAID 14 15	5	5	6 15	9 15	3 15	3 45
280 9	330 9	360 6	10 14	340 35		
270 10	320 23	10 11	350 26	320 26		
240 10	310 28	10 21	10 25	320 12	20 31	40 18
230 22	320 17	350 16	360 12	320 12	30 22	40 25
250 10	320 21		260 16	300 10	40 08	50 22
230 31	280 19		270 24			60 11
280 6						110 18
270 8						
280 5						

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on:
Thursday 2nd December, 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of Beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

S.O.E. 19-8(48)/1951

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 35 G.M.T.

" " Sunset 14 55 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: FRIDAY 3rd DECEMBER, 1948.

At 1200 on THURSDAY 2nd

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
MEDITERRANEAN	146	SIDI BARANI	01	7	30	5	0	5	8	23	16	72	11	0
	160	MATRUH	01	7	30	5	0	5	8	23	16	72	11	0
	134	EL DABA	01	9	24	2	1	5	8		15.4	55	06	0
	132	ALEXANDRIA	01	9	20	5	2	7	8	22.0	17.4	51	07	0
	150	FOUAD (Airport)	01	8	24	4	1	5	8	21.0	18	56	09	0
	159	DAMIETTA	01	8	18	3	1	3	8	21.5	18.6	41	05	0
	161	PORT SAID	00	8	21	3	0	6	6	22	18	52	08	0
	135	EL ARISH	00	9	28	4	0	0	-	22.4	19.1	37	04	0
LOWER EGYPT	136	DAMANHUR	00	7	24	4	0	0	-	22.8	18.2	41	05	0
	137	MANSURA	00	8	24	2	1	0	-	22.4	18.8	41	05	0
	138	TANTA	00	8	24	4	0	0	-	22.4	17.5	35	02	0
	139	ZAGAZIG	00	6	16	2	0	0	-	22.7	17.8	70	12	0
		SHIBIN EL KOM	00	8	28	4	0	0	-	21.8	18.6	34	03	0
		ISMAILIA	00	7	24	2	0	0	-	21.8	18.5	32	03	0
CAIRO AREA	926	FAROUK (Airport)	00	8	24	4	0	0	-	22	18	46	06	0
	14[illegible]	ALMAZA	00	8	24	4	0	0	-	22.6	18.5	27	02	0
		EZBEKIYA	00	8	26	3	0	0	-	23.1	18.4	28	-01	0
		GIZA	00	8	26	3	0	0	-	23.0	20.0	28	01	0
	14[illegible]	HELWAN	00	8	24	3	0	0	-	23.1	17.6	30	00	0
		FAIYUM	01	8	30	2	1	3	6	22.8	20.0	36	04	0
		BENI SUEF	00	9	26	1	0	0	-	22.8	20.3	39	05	0
	16[illegible]	MINYA	00	8	31	3	0	1	1	23	20	10	-1	0
	155	ASYUT	00	8	26	1	0	0	-	21.4	18.8	31	01	0
	164	NAG HAMMADI	00	8	28	1	0	0	-	19.1	21.5	35	06	0
	156	QENA	01	9	24	1	1	5	3	19.9	21.0	34	05	0
	57	LUXOR	01	8	30	2	2	5	5	20	22	19	-3	0
	58	ASWAN	02	9	02	2	1	8	1	19.0	22.4	28	03	0
	148	SIWA	00	8	28	2	0	0	-	25.0		58		0
	149	BAHARIYA	01	8	24	1	1	3	3	23.6	18.0	44	06	0
		FARAFRA												
	152	DAKHLA	01	8	32	3	0	5	6	21.4	18.4	42	05	0
	151	KHARGA	00	8	32	2	0	0	-	22.8		25		0
	144	SUEZ	00	8	28	2	0	0	-	19.6	19.6	33	03	0
	145	TOR	00	9	28	5	0	0	-	18.7	21.0	58	12	0
	163	HURGHADA	01	9	30	5	1	6	1	19	20	60	12	0
	1[illegible]	QUSEIR	02	8	32	5	1	8	1	19.4	21.7	43	09	0
	20[illegible]	PORT SUDAN	02	7	02	4	1	9	6	15	27	79	23	0
	16[illegible]	WADI HALFA												
	16[illegible]	KAREIMA	00	8	02	3	0	0	-	13	31	33	13	0
		ATBARA	00	7	04	3	0	0	-	10	35	25	12	0
		KHARTUM	00	8	04	3	0	0	-	9	34	29	13	0
		KASSALA	00	8	02	1	0	0	-	6	37	17	08	0
		WAD MEDANI	00	8	04	2	0	0	-	8	36	29	15	0
		RENK	00	8	32	3	0	0	-	9	32		16	0
		ROSEIRES	00	8	28	2	0	0	-	7	37	27	15	0
		EL OBEID												
		EL FASHER												
		GENEINA												
		MALAKAL	00	8	04	2	0	2	4,2	9	34	30	14	0
		WAU	00	8	04	2	1	6	4	8	36	19	09	0
		JUBA	01	8	03	1	1	7	4,1	7	34	36	17	0

At 1800 on 2nd

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 12-18 G.M.T. mms
SIDI BARANI	01	8	20	2	2	5	7	22.3	10.8	68	04	0
MATRUH	00	7	25	3	1	2	8	23	11	88	09	0
EL DABA	01	7	24	1	1	5	9		14.6	53	05	0
ALEXANDRIA	01	6	24	2	5	7	5	22.6	15.0	66	09	dr
FOUAD (Airport)	01	7	22	1	8	5	6	22.6	15	82	12	dr
DAMIETTA	60		18	2	0	6	8	22.4	11.8	67	06	0
PORT SAID	00	7	22	3	0	0	—	23	15	59	07	0
EL ARISH	00	8	28	3	0	0	-		14.9	62	08	0
DAMANHUR	00	6	24	3	0	0	-	23.4	13.0	66	07	0
MANSURA	00	6	24	2	0	0	-	23.4	10.5	74	08	0
TANTA	00	8	24	1	0	0	-	23.3	12.5	70	08	0
ZAGAZIG	00	6	16	2	0	0	-	23.0	11.0	73	07	0
SHIBIN EL KOM	00	7	30	2	0	0	-	22.6	13.8	73	09	0
ISMAILIA	00	6	22	1	0	0	-	24.4	16.0	50	06	0
FAROUK (Airport)	00	9	18	2	0	0	-	24	12	67	06	0
ALMAZA	00	7	18	1	0	0	-	23.7	11.3	42	[illegible]	0
EZBEKIYA	00	7	00	0	0	0	-	24.0	11.5	54	03	0
GIZA	00	7	00	0	0	0	-	24.2	8.2	79	04	0
HELWAN	00	8	28	2	0	0	-	24.3	12.4	38	-2	0
FAIYUM	01	8	00	0	1	3	6	24.2	11.9	58	04	0
BENI SUEF	00	9	30	1	0	0	-	24.2	12.1	60	04	0
MINYA	00	7	32	1	0	1	1	24		76	05	0
ASYUT	00	6	28	1	0	0	-	23.8	14.0	37	00	0
NAG HAMMADI	00	8	28	1	0	0	-	21.2	13.9	57	06	0
QENA	01	6	24	2	1	5	3	21.4	13.6	62	07	0
LUXOR	00	7	00	0	1	0	-	21	15	36	00	0
ASWAN												
SIWA	00	7	00	0	0	0	-	24.7	10.0	78	06	0
BAHARIYA	00	7	00	0	1	0	-	24.6	9.5	55	01	0
FARAFRA	01	7	28	2	1	5	6	25.2	11.2	65	05	0
DAKHLA	00	8	28	1	0	0	-		13.8	50	04	0
KHARGA	00	7	00	0	0	0	-	23.5	14.0	43	01	0
SUEZ	00		28	1	0	0	-	21.9	13.4	45	04	0
TOR	00	8	28	4	0	0	-	20.7	18.5	50	09	0
HURGHADA	00	8	26	2	1	1	1	20	17	37	02	0
QUSEIR	00	8	30	4	1	1	1	20.0	19.0	52	09	0

At 0600 on FRIDAY 3rd

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Max. Yesterday T_xT_x	Diff. from norm.	Min. Today T_nT_n	Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1
SIDI BARANI	0	9	20	4	1	8	4	22.2		10.5	18		8		80	08	0	83	
MATRUH	01	7	25	4	0	5	4	22		9	18		8		71	04	0	52	
EL DABA	01	6	20	1	1	5	6				18		6		51		0	30	
ALEXANDRIA	01	9	20	3	6	5	7	22.3	+3.8	15.0	18	-4	12	-2	74	11	1	55	44
FOUAD (Airport)	02	7	21	2	8	9	8	22.1		14	18		11		88	11	1	49	
DAMIETTA	09		20	2	0	1	8	22.2	+4.7	10.0	19		5		79	07	0	25	23
PORT SAID	00	7	20	3	0	6	9	22		13	19		10		72	08	0	15	
EL ARISH	00	9	16	3	0	1	8	22.8	+4.5	11.5	19	-4	6	-5	63	05	0	30	18
DAMANHUR	01	6	24	2	1	5	3	23.1	+4.5	11.0	19	-4	8	-3	82	08	0	6	17
MANSURA	00	8	20	1	0	0	-	22.7	+4.6	9.5	20	-4	6	-6	80	06	0	6	10
TANTA	00	8	20	1	1	1	8	22.7	+4.0	10.0	20	-3	5	-5	84	08	0	8	8
ZAGAZIG	01	9	20	2	1	5	6	23.8	+5.2	10.4	20	-4	6	-4	82	07	0	1	7
SHIBIN EL KOM	00	7	22	2	0	0	-	23	+ [illegible]	9.8	22		7		74	05	0	4	
ISMAILIA	00	6	00	0	0	0	-	24.7		12.0	20		8		55	03	0	3	
FAROUK (Airport)	00	8	24	2	0	0	-	23		12	19		10		63	05	0	dr	
ALMAZA	00	7	17	2	0	6	4	24.0	+5.7	11.7	[illegible]		8		48	01	0	dr	
EZBEKIYA	00	7	00	0	0	6	4	23.8	+5.5	9.0	19	-4	8	-4	54	00	0	dr	4
GIZA	00	7	00	0	0	6	4	23.9	+5.6	10.0	21	-2	5	-5	63	03	0	dr	6
HELWAN	05	6	00	0	0	6	4	24.4	+5.5	10.2	18	-4	7	-5	49	-1	0	1	4
FAIYUM	00	7	00	0	0	0	-	24.3	+5.6	9.2	20	-4	6	-4	55	00	0	dr	0
BENI SUEF	00	9	18	1	0	0	-	24.8		12.1	21		4		52	02	0	dr	
MINYA	00	7	31	1	0	1	4	24		8	20		3		50	-2	0	3	
ASYUT	00	7	22	1	0	0	-	23.9	+5.0	9.8	19	-5	5	-4	56	02	0	0	2
NAG HAMMADI	00	8	28	1	0	0	-	21.9	+4.4	11.2	22		7		65	05	0	0	
QENA	00	7	24	3	1	2	1	23.3	+5.4	11.3	22	-5	9	-2	60	04	0	dr	
LUXOR	00	8	00	0	0	2	1	22		12	23		5		63	05	0	dr	
ASWAN	00	9	32	3	0	0	-	21.6	+4.0	13.6	23	-4	11	-3	40	00	0	dr	
SIWA	00	7	00	0	0	0	-	25.2	+5.6	6.4	19	-4	3	-4	86	04	0	0	1
BAHARIYA	01	8	00	0	1	5	4	25.0	+5.5	7.4	19	-4	2	-6	69	02	0	dr	2
FARAFRA	01	8	16	1	1	5	5	24.7		9.4	19		4		67	03	0	dr	
DAKHLA	00	7	26	1	0	0	-	24.4	+ [illegible]	8.6	20	-5	6	-3	64	02	0	dr	
KHARGA	00	8	00	0	0	0	-	24.2	+5.8	11.1	20	-6	7	-3	51	01	0	0	
SUEZ	00	5	00	0	0	0	-	22.6	+5.6	8.0	21	-3	5	-8	67	02	0	12	6
TOR	00	9	04	2	0	0	-	[illegible]	+ [illegible]	10.4	21	-3	7	-5	60	03	0	0	4
HURGHADA	00	9	24	2	0	0	-	21		14	20		10		48	03	0	0	
QUSEIR	01	8	3[illegible]	[illegible]	1	3	1	19.9	+3.2	17.6	22	-4	15	-3	44	05	0	0	0
PORT SUDAN	01	8	30	4	1	7	6	16		24			22		74	19	0	31	60
WADI HALFA																	0	0	
KAREIMA	00	8	04	2	0	0	-	17		19			19		23	-3	0	3	1
ATBARA	00	7	32	2	0	0	-	14		23			18		57	14	0	7	2
KHARTUM	00	8	30	3	0	0	-	14		23			20		41	09	0	10	4
KASSALA	00	8	00	0	0	0	-	11		27			17		52	16	0	2	5
WAD MEDANI	00	9	32	3	0	0	-	13		23					61	15	0	11	12
RENK	00	9	32	3	0	0	-	12		24					44	11	0	0	49
ROSEIRES	00	8	28	2	0	0	-	10		22					61	14	0	2	36
EL OBEID	00	8	32	2	0	0	-	14		20			17		28	01	0	0	16
EL FASHER	00	8	00	0	0	0	-			14			10		32	-3	0	0	6
GENEINA	00	8	02	4	0	6	2			17			14		15	-10	0		4
MALAKAL	00	8	32	3	0	0	-	11		27			19		42	13	0	69	87
WAU	00	8	00	0	1	2	1	12		23			18		69	17	0	261	142
JUBA	01	8	00	0	1	7	2	12		31			19		52	20	0	120	126

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder no rain	11
[illegible] Duststorm	12

Minimum temperature (2nd)

Station	2nd	Diff. from normal
Almaza	5.	-14
Farouk	[illegible]	-22
Giza	64	-9
Helwan	39	-18

GIZA: 3rd ... 08

Remarks

UPPER AIR OBSERVATIONS on 2nd

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — Aeroplane Ascent: heights Surface, 500, 1000, 1500, 2000, 4000, 6000, 8000, 10000, 12000, 14000, 16000, 18000, 20000 (no entries).

FAROUK AIRPORT — Radiosonde, on 3 ... 4

Pressure	Height	Temp.	Hum.	DD	VV
Surface					
1000					
950					
900	3480		85	320	9
850	5000	3	55	340	10
800	6610	2	35	340	6
700	10130	-3	-	260	17
600	14380	-8	-	250	55
500	18570	-34	-	250	90
400					
300	30770	-41	-		
250					
200	37400	-64	-		
150					
100					

Pilot balloons

Height	MATRUH 17 30	PORT SAID 14 15	MATRUH 15 30	MINYA 14 45
200	290 27	250 14	310 24	320 10
500	480	260 15	280 19	320 16
1000	480 28	270 10	290 15	290 12
1500		310 7	270 13	340 16
2000		290 8	280 13	280 12
3000		290 5		

UPPER AIR OBSERVATIONS (3rd)

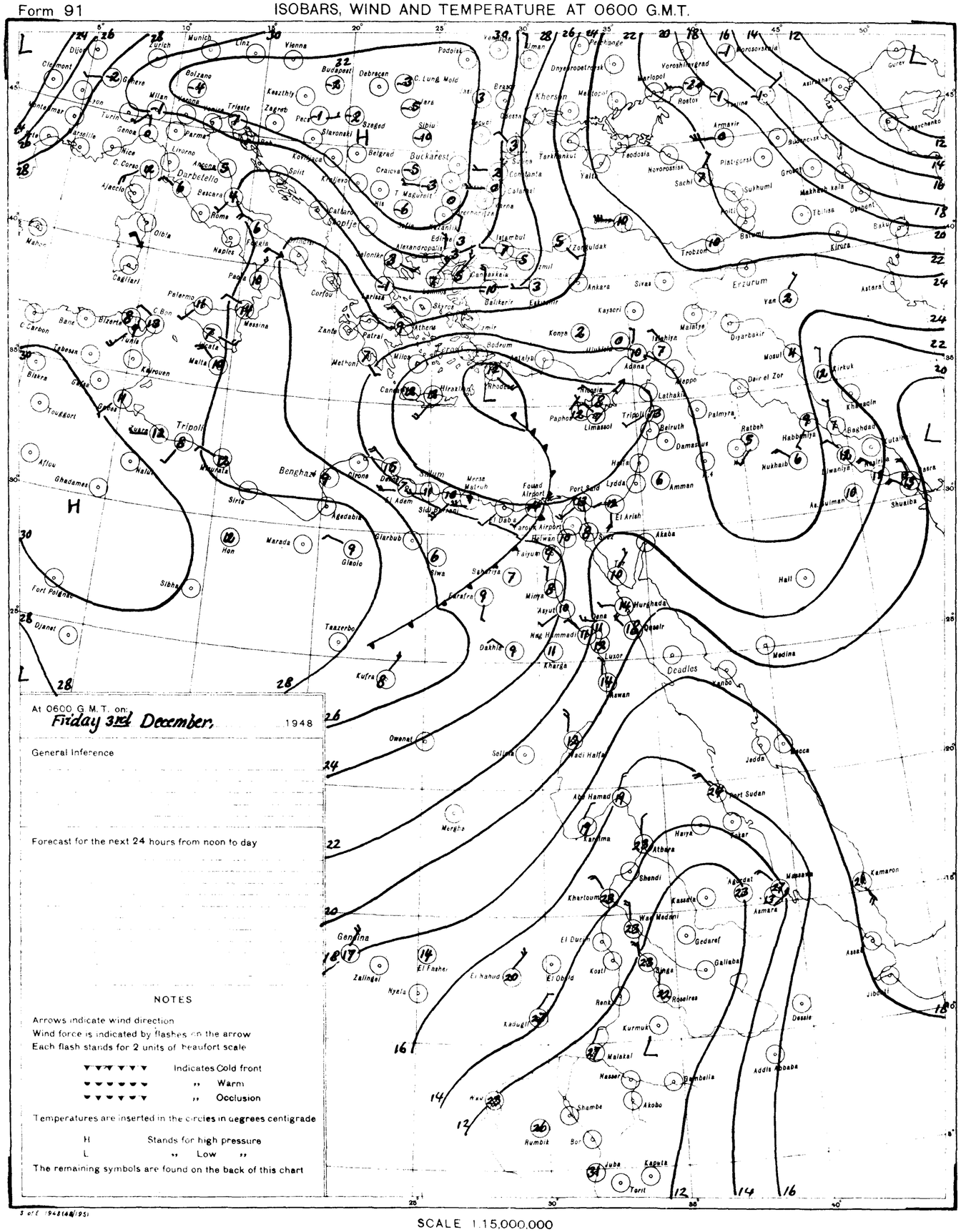
Height	[illegible] 5	MATRUH 4 30	PORT SAID 2 30	[illegible] 4	ALMAZA 8 30	HELWAN 4	[illegible] 5 30	[illegible] 5
200	260 20	250 24	310 5	260 10	240 3	340 15	330 8	280 11
500	280 19	280 23	290 10	300 12	310 5	350 15	350 8	290 16
1000	290 20	270 27	310 7	310 10	300 3	340 17	340 15	290 13
1500	280 17	280 25	210 4	340 8	310 2	340 22	250 9	300 21
2000	280 25	280 33	260 9	290 5	260 5	340 17	300 7	240 16
3000			260 23	260 16	240 8			240 33
4000			240 29		250 15			240 36
5000					310 32			

Height	BAHARIYA 5	DAKHLA 5	KHARGA 6	HURGHADA 9	[illegible] 3 30	[illegible] 4 15	[illegible] 3 45
200	330 14	360 10	10 15	330 28			
500	330 22	10 13	10 23	320 16	360 11		30 11
1000	330 25	360 13	360 21	320 18	20 16	10 9	10 13
1500	340 26	360 14	340 13	230 9	30 16	40 14	50 18
2000	350 26	350 18	300 16		30 13	60 25	50 15
3000	330 21				120 8	90 16	
4000	310 16				150 13	30 8	
5000	280 23					100 3	

... of Egypt 1948 (48) 1951

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: *Friday 3rd December,* 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of Beaufort scale

Indicates Cold front
,, Warm
,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

3 or E 19481(48)/951

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 36 G.M.T.
" " Sunset 14 55 G.M.T

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: SATURDAY 4th DECEMBER, 1948.

At 1200 on FRIDAY 3rd

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARANI	14	8	28	4	8	8	9	21.4	15.4	68	09	3
	160	MATRUH	02	8	30	4	2	8	9	21	18	49	07	0
	134	EL DABA	02	8	24	2	2	8	6		17.3	36	02	0
	132	ALEXANDRIA	01	9	20	4	2	7	8	20.7	18.0	51	08	0
	150	FOUAD (Airport)	01	7	24	4	2	7	8	21	19	46	07	0
	159	DAMIETTA	01	8	26	2	1	3	9	20.6	17.8	64	11	0
	161	PORT SAID	00	8	21	1	0	1	9	21	19	56	10	0
	135	EL ARISH	01	9	28	4	1	5	6	20.7	16.4	57	07	0
Lower Egypt	136	DAMANHUR	01	7	24	3	1	3	8	21.4	18.2	48	07	0
	137	MANSURA	01	8	30	2	1	5	8	21.0	19.8	57	11	0
	138	TANTA	01	8	20	3	1	5	8	21.0	19.6	53	10	0
	139	ZAGAZIG	00	6	16	2	0	0	-	22.7	18.8	70	13	0
		SHIBIN EL KOM	00	8	22	3	0	1	8	22.6	17.9			0
		ISMAILIA	00	7	02	2	0	0	-	22.8	20.5	64	13	0
Cairo Area	828	FAROUK (Airport)	00	8	26	3	0	1	8,4	21	19	56	10	0
	141	ALMAZA	00	8	24	3	0	2	8,4	21.3	19.1	39	04	0
		EZBEKIYA	01	8	26	1	1	5	2	21.0	19.4	38	04	0
		GIZA	01	8	26	1	1	5	2	21.1	20.0	33	03	0
	143	HELWAN	01	8	20	1	1	5	4	21.5	18.0	45	06	0
Upper Egypt	153	FAIYUM	01	8	30	2	1	5	6	22.3	18.0	49	07	0
		BENI SUEF	01	9	30	1	0	5	4	22.0	20.4	47	08	0
	162	MINYA	00	8	30	4	0	2	1	22	20			0
	155	ASYUT	00	8	20	1	0	0	-	21.8	17.1	42	04	0
	164	NAG HAMMADI	00	8	24	2	0	0	-	18.8	20.1	36	04	0
	156	QENA	00	8	22	3	1	0	-	18.2	20.3	32	03	0
	157	LUXOR												
	158	ASWAN	00	9	32	1	0	0	-	18.7	22.8	25	06	0
Oases	148	SIWA	03	8	24	2	2	10	4	24.8	18.5	67	12	0
	149	BAHARIYA	02	8	28	3	1	8	4	23.0	17.0	43	04	0
		FARAFRA	02	8	30	2	1	8	5	23.9	17.1			0
	152	DAKHLA	00	8	32	2	0	0	-	22.0	18.8	24	-2	0
	151	KHARGA	00	8	32	2	0	0	-	22.0	18.8	24	-2	0
Red Sea	144	SUEZ	00	8	00	0	0	2	8	19.9	18.0	53	08	0
	145	TOR	01	8	28	4	1	5	1	18.7	20.0	54	10	0
	163	HURGHADA	01	9	30	4	0	5	4	19	19	64	12	0
	147	QUSEIR	00	8	32	4	0	0	-	18.2	20.2	54	10	0
	208	PORT SUDAN	01	8	04	4	8	7	8	13	28	70	22	0
Sudan	165	WADI HALFA												
	166	KAREIMA												
	167	ATBARA												
	209	KHARTUM	00	8	04	3	0	0	-	9	33	19	06	0
	170	KASSALA	00	8	04	1	0	0	-	6	37	25	14	0
	171	WAD MEDANI	00	8	32	2	0	0	-	7	35	16	06	0
	182	RENK												
		ROSEIRES	00	8	02	4	0	0	-	7	30	35	13	0
	174	EL OBEID	00	8	02	2	0	0	-	8	37	22	12	0
		EL FASHER	00	8	02	3	0	6	1		31	11	-3	0
		GENEINA	00	7	04	4	0	2			27			0
		MALAKAL	00	8	28	2	0	0	-	7	28	42	14	0
		WAU	01	8	33	1	1	5	4	7	30	35	13	0
		JUBA	01	8	08	3	1	5	8	6			13	0

At 1800 on 3rd

Station	ww	V	DD	F	W	Cloud Amount	C	PPP	TT	UU	Dew Point	Rain 12-18 G.M.T. mms
SIDI BARANI	13	7	24	2	2	9	9	22.3	14.1	70	09	0
MATRUH	01	7	27	2	1	3	6	22	12	88	10	0
EL DABA	21	7	24	2	5	5	9	21.1	15.2	49	04	tr
ALEXANDRIA	01	5	28	4	2	5	6	21.2	16.2	65	09	0
FOUAD (Airport)	00	7	26	2	1	2	6	21.3	16	64	09	0
DAMIETTA	00		18	2	0	1	8	21.4	14.0	78	10	0
PORT SAID	01	7	19	2	1	3	6	21	16	68	10	0
EL ARISH	00	9	16	2	0	2	8		12.7	86	11	0
DAMANHUR	00	6	24	3	0	0	-	22.2	13.2	78	09	0
MANSURA	00	6	24	1	1	0	-	22.0	12.2	84	09	0
TANTA	01	8	00	0	1	3	8	22.0	12.5	77	08	0
ZAGAZIG	02	6	00	0	0	8	8	21.6	13.2	64	06	0
SHIBIN EL KOM	00	7	22	2	1	3	6	22.0	14.1	70	09	0
ISMAILIA	00	6	26	1	0	0	-	22.0	15.2	52	05	0
FAROUK (Airport)	00	7	20	2	0	0	-	22	14	72	09	0
ALMAZA	01	7	24	1	1	5	4	22.2	14.2	50	04	0
EZBEKIYA	00	7	00	0	0	0	-	22.6	13.8	56	05	0
GIZA	00	7	00	0	0	0	-	22.4	11.1	75	07	0
HELWAN	00	7	28	2	0	0	-	22.7	13.6	43	01	0
FAIYUM	01	8	00	0	1	5	6	22.7	12.1	75	08	0
BENI SUEF	00	9	26	1	0	0	-	23.3	12.4	71	07	0
MINYA	01	7	00	0	1	5	1	23	12	55	03	0
ASYUT	00	6	26	1	0	0	-	22.8	14.2	45	02	0
NAG HAMMADI	00	8	24	1	0	0	-	20.0	13.5	74	09	0
QENA	00	6	26	4	0	0	-	21.1	13.3	56	08	0
LUXOR	00	7	16	1	0	0	-	20	12	51	02	0
ASWAN	00	9	00	0	0	0	-	19.6	17.0	37	04	0
SIWA	00	6	00	0	0	0	-	24.2	13.0	63	06	0
BAHARIYA	01	7	32	1	1	5	4	23.4	13.5	61	07	0
FARAFRA												
DAKHLA	00	8	28	1	0	0	-	21.6	12.9	56	04	0
KHARGA	00	7	00	0	0	0	-	23.3	12.9	43	01	0
SUEZ	00		00	0	0	0	-	20.8	15.4	56	06	0
TOR	00	8	28	3	0	0	-			63		
HURGHADA	00	8	23	1	1	0	-	20	20	35	04	0
QUSEIR	00	8	30	3	0	0	-	19.2	18.7	51	09	0
PORT SUDAN												
WADI HALFA												
KAREIMA												
ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on SATURDAY 4th

Station	ww	V	DD	F	W	Cloud Amount	C	Bar. M.S.L. mbs PPP	Diff. from normal mbs.	Dry Bulb TT	Max. Yesterday TxTx	Diff. from norm.	Min. Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	Station	Area
SIDI BARANI	63	8	16	2	6	9	7	22.6		12.4	17		10				6	89		SIDI BARANI	Mediterranean
MATRUH	00	7	26	4	1	2	6	22		11	18		8		82	08		52		MATRUH	
EL DABA	01	8	24	1	1	5	8	21.5		16.0	19		8		69	10	tr	30		EL DABA	
ALEXANDRIA	02	9	20	4	2	8	7	22.2	+3.7	14.0	19	-3	12	-2	82	11	0	55	46	ALEXANDRIA	
FOUAD (Airport)	02	7	22	2	0	8	8	22.7		14	20		11		77	10	0	49		FOUAD (Airport)	
DAMIETTA	09		18	2	0	6	8	21.8	+4.2	10.0	19		6		84	07	0	25	24	DAMIETTA	
PORT SAID	01	7	21	4	0	5	6	22		13	20		10		77	09	0	10		PORT SAID	
EL ARISH	01	9	20	3	1	5	8	22.7	+4.3		19	-3	9	-1			0	30	19	EL ARISH	
DAMANHUR	01	6	24	2	1	3	8	22.2	+3.6	12.0	22	-1	8	-3	84	09	0	6	18	DAMANHUR	Lower Egypt
MANSURA	01	7	20	1	1	5	4	22.4	+4.3	10.2	22	-1	7	-4	82	07	0	6	10	MANSURA	
TANTA	01	8	20	1	1	3	8	22.8	+4.0	9.0	21	-2	6	-4	87	07	0	8	8	TANTA	
ZAGAZIG	01	6	08	1	1	5	6	22.8	+4.2	10.2	21	-2	6	-4	74	06	0	1	7	ZAGAZIG	
SHIBIN EL KOM	00	7	28	2	0	0	-	22.4	+3.8	11.1	20		7		76	07	0	4		SHIBIN EL KOM	
ISMAILIA	03	5	16	1	2	10	5	22.8		12.8	22		9		60	05	0	3		ISMAILIA	
FAROUK (Airport)	01	9	20	1	1	3	1	22		12	19		11		67	05	0	tr		FAROUK (Airport)	Cairo Area
ALMAZA	05	6	18	2	0	8	5	23.2	+4.8	11.2	20		10		57	02	0	tr		ALMAZA	
EZBEKIYA	01	7	00	0	0	3	1	23.6	+5.2	10.4	21	-2	9	-3	63	03	0	tr	4	EZBEKIYA	
GIZA	01	7	00	0	0	3	1	23.8	+5.4	11.2	22	0	7	-2	71	06	0	tr	6	GIZA	
HELWAN	01	6	28	1	1	5	1	23.8	+4.9	10.7	20	-2	9	-3	55	02	0	1	4	HELWAN	
FAIYUM	03	8	00	0	2	10	6	24.4	+5.6	9.0	19	-5	7	-3	71	04	0	tr	0	FAIYUM	Upper Egypt
BENI SUEF	03	8	24	1	0	10	5	23.9		10.9	21		6		63	04	0	tr		BENI SUEF	
MINYA	05	6	00	0	1	5	1	24		10	20		6		62	03	0	3		MINYA	
ASYUT	00	7	26	1	0	0	-	23.8	+4.8	12.0	19	-4	7	-2	65	06	0	0	2	ASYUT	
NAG HAMMADI	00	8	00	0	0	0	-	23.5	+5.9	11.0	21		4		70	06	0	0		NAG HAMMADI	
QENA	01	7	22	3	1	5	1	22.6	+4.6	11.9	22	-5	9	-2	64	05	0	tr		QENA	
LUXOR	01	8	00	0	1	5	2	22		15	22		5		55	06	0	tr		LUXOR	
ASWAN	01	9	02	1	1	3	1	21.1	+3.4	13.0	23	-4	9	-4	77	09	0	tr		ASWAN	
SIWA	00	7	00	0	0	0	-	25.4	+5.8	7.5	20	-3	3	-4	74	04	0	0	1	SIWA	Oases
BAHARIYA	01	8	24	1	1	5	3	24.4	+4.9	10.0	18	-5	5	-3	74	06	0	tr	2	BAHARIYA	
FARAFRA																		tr		FARAFRA	
DAKHLA	03	8	24	1	2	8	5	23.6	+4.4	10.8	19	-6	7	-2	65	04	0	tr		DAKHLA	
KHARGA	01	7	00	0	0	5	2	24.2	+5.7	11.9	19	-7	7	-3	48	01	0	0		KHARGA	
SUEZ	02	5	00	0	2	8	5	22.2	+4.5	10.4	21	-2	7	-6	72	05	0	12	6	SUEZ	Red Sea
TOR	00	9	04	1	1	2	1	20.7	+3.8	13.3	20	-4	7	-5	63	06	0	0	4	TOR	
HURGHADA	01	9	25	2	0	3		20		16	20		10		52	06	0	0		HURGHADA	
QUSEIR	01	8	28	4	1	3	1	20.2	+3.4	17.0	22	-4	17	-1	43	04	0	0	3	QUSEIR	
PORT SUDAN	01	8	30	5	1	5	6	17		24			22		74	19	tr	31	61	PORT SUDAN	
WADI HALFA																	0	0		WADI HALFA	Sudan
KAREIMA	00	8	06	1	0	0	-	17		19			16		28	00	0	3	1	KAREIMA	
ATBARA	00	7	28	3	0	0	-	15		21			18		44	08	0	7	2	ATBARA	
KHARTUM	00	8	02	4	0	0	-	14		23			19		38	08	0	10	4	KHARTUM	
KASSALA	00	8	10	2	0	0	-	12		27			21		58	18	0	2	7	KASSALA	
WAD MEDANI	00	9	04	5	0	0	-	13		23					50	12	0	11	12	WAD MEDANI	
RENK																	0	0	49	RENK	
ROSEIRES	00	8	30	2	0	0	-	10		21					65	14	0	2	36	ROSEIRES	
EL OBEID	00	8	30	4	1	2	1	15		20			17		35	04	0	0	16	EL OBEID	
EL FASHER	00	8	31	2	0	1	2			14			10		45	02	0	0	6	EL FASHER	
GENEINA	00	8	04	3	0	0	-			16			13		19	-8	0		4	GENEINA	
MALAKAL	00	8	02	2	0	2	4,2	13		26			20		48	14	0	69	87	MALAKAL	
WAU	00	8	00	0	0	0	-	12		23			21		69	17	0	261	142	WAU	
JUBA	00	8	16	2	1	2	2	11		26			18		58	17	0	120	127	JUBA	

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83-84
" of Sleet	85-86
" of Hail	88-89
Thunderstorm	90-99
" ended, now Rain	92
" with Hail	93-96
" with Duststorm	98
" heavy with Hail	99

PAST WEATHER (W)

VISIBILITY (V)

HUMIDITY

Station	3rd	Diff.
Alexandria	65	0
Ezbekiya	48	-21
Giza	62	-11
Helwan	41	-16

GIZA

Minimum temp. on 4th: 2.4

Remarks

UPPER AIR OBSERVATIONS on 3rd

DD Direction of wind in degrees East of North. VV Velocity in knots

ALMAZA — Aeroplane Ascent

Height (feet)	
Surface	
500	
1000	
1500	
2000	
4000	
6000	
8000	
10000	
12000	
14000	
16000	
18000	
20000	

FAROUK AIRPORT — Rawinsonde, on 4th, 4

Pressure	Height (feet)	Temp.	Humidity	Wind DD	Wind VV
Surface (784)		11	64	260	8
1000	610	11	65	260	8
950					
900	3480	7	75	300	14
850	5010	2	95	310	9
800	6620	2	25	280	12
700	10110	-4	-	280	24
600	14060	-8	-	260	50
500	15370	-15	-	260	27
400					
300					
250					
200					
150					
100					

Height	MATRUH (14) DD	VV	PORT SAID (14 15) DD	VV	MINYA (15) DD	VV	ALMAZA (14) DD	VV
200	290	23	280	14	10	20	270	6
500	290	15	270	13	360	23	270	3
1000	300	19	260	10	350	31	290	5
1500	310	22	270	10	340	26	260	7
2000	300	15	270	17	330	42	290	5
3000							250	6

UPPER AIR OBSERVATIONS on [4th]

DD Direction of wind in degrees East of North. VV velocity in knots

Height	SIDI BARANI (5) DD	VV	PORT SAID (4) DD	VV	FAROUK AIRPORT (4) DD	VV	ALMAZA (8 30) DD	VV	HELWAN (7 15) DD	VV	[illegible] (6 15) DD	VV	[illegible] (5) DD	VV	[illegible] (5) DD	VV
200	300	7	200	17	270	8	240	3	150	7	330	9	10	8	330	10
500	320	9	180	11	280	10	290	5	300	7	360	12	20	19	330	11
1000	320	8	180	11	300	12	270	3	330	5	10	23	20	19	320	16
1500	Ent Ns		190	10	310	8	310	5	320	7	340	17	20	8	330	16
2000					280	12	260	6	270	10			290	5	330	10
3000					280	19	280	9					310	22	290	13
4000													280	19	290	18
5000					250	52										
6000					260	77										

Height	BAHARIYA (5) DD	VV	DAKHLA (5) DD	VV	KHARGA (6 30) DD	VV	[illegible] (3 15) DD	VV	[illegible] (4 30) DD	VV
200	320	13	360	9	360	9	10	19		
500	320	18	310	11	10	22	20	28	20	14
1000	330	21	10	11	20	27	50	17	70	10
1500	340	16	350	10	350	12	30	8	90	5
2000	310	20			280	14			60	10
3000	290	15			270	27			150	5
4000	280	7			250	36				
5000	300	39								

WIND FORCE (F)

WIND DIRECTION (DD)
02 = NE
East = 09
West = 27
00 = Calm

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on
Saturday 4th December, 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units on the Beaufort scale

▼▼▼▼▼▼	Indicates Cold front
▼▼▼▼▼▼	" Warm "
▼▼▼▼▼▼	" Occlusion

Temperatures are inserted in the areas in degrees centigrade

H	Stands for high pressure
L	" Low "

The remaining symbols are found on the back of this chart

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 36 G.M.T.

" " Sunset 14 55 G.M.T

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: Sunday 5th December, 1948.

At 1200 on Saturday 4th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARANI												
	160	MATRUH	01	7	30	4	0	5	8	22	18	56	9	0
	134	EL DABA	02	8	28	2	1	8	9	21.1	18.2	88	16	0
	132	ALEXANDRIA	20	9	20	2	6	8	9	21.5	16.6	79	13	5
	150	FOUAD (Airport)	81	7	24	3	8	9	8,4	21.7	16	82	13	R
	159	DAMIETTA	02	8	22	2	2	8	8	21.7	19.2	61	11	0
	161	PORT SA'ID	01	7	22	2	0	3	9,1	21	19	52	9	0
	135	EL ARISH	01	9	28	4	1	3	6	21.1	18.1	51	8	0
Lower Egypt	136	DAMANHUR	02	7	28	4	2	9	9	22.3	19.0	51	9	0
	137	MANSURA	01	7	24	2	1	5	6	21.5	19.0	59	11	0
	138	TANTA	01	8	20	3	1	3	8	21.8	20.0	47	8	0
	139	ZAGAZIG	01	6	16	1	1	5	8	21.9	18.8	57	10	0
		SHIBIN EL KOM	01	8	30	3	1	5	8	21.5	20.9	43	8	0
		ISMAILIA	01	7	24	1	1	5	4	21.5	20.4	40	6	0
Cairo Area	928	FAROUK (Airport)	01	8	26	6	1	5	8,2	22	19	56	10	0
	141	ALMAZA	01	8	26	3	1	5	8,2	21.6	18.2	47	7	0
		EZBEKIYA	01	8	00	0	1	5	6	22.3	19.2	50	8	0
		GIZA	01	8	00	0	1	5	6	22.0	20.0	45	8	0
	143	HELWAN	01	8	20	1	1	5	8	21.9	19.0	49	8	0
Upper Egypt	153	FAIYUM	03	8	32	1	2	10	6	22.0	18.1			0
		BENI SUEF	02	9	26	1	0	8	6,5	22.4	19.8	54	10	0
	162	MINYA	01	8	30	3	1	5	1	22	19	37	4	0
	155	ASYUT	00	8	26	1	0	0	–	20.8	19.1	34	3	0
	164	NAG HAMMADI	00	8	24	2	0	0	–	20.1	21.0	40	7	0
	156	QENA	01	8	22	3	1	7	3	20.3	19.6	42	6	0
	157	LUXOR	01	8	02	1	1	7	4	20	21	26	1	0
	158	ASWAN	02	9	32	1	1	8	1	18.8	21.8	34	5	0
Oases	148	SIWA	03	8	20	2	2	10	5	25.2		99		0
	149	BAHARIYA	01	8	28	1	1	5	4	22.8	17.0	52	7	0
		FARAFRA	02	8	28	2	1	8	4	24.2	17.7	51	8	0
	152	DAKHLA	02	8	28	3	2	8	6,5		18.7	50	8	0
	151	KHARGA	01	7	32	3	1	5	3	22.6	20.0	24	-1	0
Red Sea	144	SUEZ	01	6	00	0	1	5	5	20.4	18.3	55	9	0
	145	TOR	00	8	28	4	1	2	1	19.5	20.0	64	13	0
	163	HURGHADA	01	9	30	4	0	5	1	19	20	60	12	0
	147	QUSEIR	01	8	32	5	1	5	5	18.0	21.3	42	7	0
	208	PORT SUDAN												
Sudan	165	WADI HALFA												
	166	KAREIMA												
	167	ATBARA												
	209	KHARTUM												
	170	KASSALA												
	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FASHER												
	179	GENEINA												
	176	MALAKAL												
	177	WAU												
	179	JUBA												

At 1800 on Saturday 4th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARANI	01	7	28	1	2	3	6	23.8	14.9	70	10	0
MATRUH	00	7	26	2	1	1	6	24	12	88	10	0
EL DABA	21	6	28	1	5	5	9		15.2	69	9	Dr.
ALEXANDRIA	01	6	28	2	6	5	9	23.4	16.4	60	8	1
FOUAD (Airport)	00	7	30	1	0	2	8	23	16	68	10	0
DAMIETTA	00		22	2	0	tr.	8	22.6	14.8	83	12	0
PORT SA'ID	00	7	23	2	0	0	–	22	16	72	11	0
EL ARISH	00	9	16	3	0	0	–		12.8	88	11	0
DAMANHUR	01	6	28	2	5	7	8	22.8	14.0	82	11	tr.
MANSURA	00	6	28	2	1	0	–	23.4	13.5	83	11	0
TANTA	01	8	20	1	1	5	8	23.1	14.7	78	11	0
ZAGAZIG	00	6	16	1	0	0	–	23.0	11.2	80	8	0
SHIBIN EL KOM	00	7	28	2	0	1	6	23.2	15.4	68	4	0
ISMAILIA	00	6	24	1	0	0	–	24.4	14.2	74	9	0
FAROUK (Airport)	00	7	16	1	0	0	–	23	14	72	9	0
ALMAZA	00	7	20	1	0	0	–	23.6	13.0	56	4	0
EZBEKIYA	00	7	00	0	0	0	–	23.8	12.6	66	7	0
GIZA	00	7	00	0	0	0	–	23.6	9.9	83	7	0
HELWAN	00	7	00	0	0	0	–	24.0	13.8	58	6	0
FAIYUM	09	6	00	0	0	0	–	23.4	12.6	81	10	0
BENI SUEF	00	9	00	0	0	0	–	23.6	10.7	84	8	0
MINYA	01	7	01	1	1	3	4	23	13	55	4	0
ASYUT	00	6	26	1	0	0	–	23.6	14.2	55	5	0
NAG HAMMADI	00	8	00	0	0	0	–	22.2	12.6	76	9	0
QENA	01	6	24	2	1	5	3	21.4	13.0	68	7	0
LUXOR	00	7	18	1	1	tr.	1	22	14	55	5	0
ASWAN	00	9	32	1	0	0	–	20.3	18.0	36	3	0
SIWA	00	6	00	0	0	0	–	24.8	14.3	56	5	0
BAHARIYA	00	7	00	0	1	0	–	24.0	11.2	69	6	0
FARAFRA	01	7	30	2	1	5	8	24.6	11.7	61	5	0
DAKHLA	01	8	28	1	1	3	6,5		14.8	55	6	0
KHARGA	00	7	00	0	0	0	–	23.5	13.3	50	3	0
SUEZ	00		00	0	0	0	–	22.2	13.8	74	9	0
TOR	00	8	28	1	0	0	–	20.7	16.2	64	9	0
HURGHADA	00	8	27	2	1	0	–	21	17	28	8	0
QUSEIR	01	8	30	4	1	3	1	19.9	19.7	47	8	0

At 0600 on Sunday 5th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Maximum Yester-day TxTx	Diff. from norm.	Minimum Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	Area
SIDI BARANI	50	8	18	2	1	10	7,4	24.4	–	13.2	17		9		96	12	1	90		Mediterranean
MATRUH	01	7	23	3	1	3	6	25		11	19		9		94	10	Dr.	52		
EL DABA	02	7	24	1	2	8	8			16.0	19		10		73	11	Dr.	30		
ALEXANDRIA	01	9	02	1	2	5	8	24.7	+6.2	17.2	18	-4	12	-2	59	9	6	61	48	
FOUAD (Airport)	01	8	20	1	0	3	8	24.4		14	18		11		88	12	0	49		
DAMIETTA	09		18	2	0	1	8	24.0	+6.4	11.9	20		8		89	10	0	25	25	
PORT SA'ID	05	6	20	2	0	1	6,4	24		15	20		13		77	11	0	10		
EL ARISH	02	9	16	2	2	8	8	23.9	+5.5	11.8	20	-2	8	-2	78	8	0	30	19	
DAMANHUR	00	6	24	2	0	2	8	24.3	+5.7	11.8	22	-1	10	-1	91	10	Tr.	6	19	Lower Egypt
MANSURA	01	7	20	1	1	3	4	25.0	+6.8	12.0	22	-1	9	-2	86	10	0	6	10	
TANTA	00	8	20	1	1	1	8	24.6	+5.8	9.3					92	8	0	8	8	
ZAGAZIG	00	6	00	0	0	1	6	25.1	+6.4	9.1	22	-1	8	-2	91	8	0	1	7	
SHIBIN EL KOM	00	7	22	2	0	0	–	24.7	+6.1	10.2	22		7		81	7	0	4		
ISMAILIA	01	6	18	1	1	5	5	25.0		12.4	21		8		71	7	0	3		
FAROUK (Airport)	00	7	16	1	1	1	6	22		13	20		9		77	9	0	Dr.		Cairo Area
ALMAZA	00	7	12	2	0	2	4,1	25.0	+6.6	12.6	20		7		76	5	0	Dr.		
EZBEKIYA	09	6	00	0	4	tr.	4,1	25.2	+6.8	10.5	21	-2	8	-3	81	7	0	Dr.	4	
GIZA	09	6	00	0	4	tr.	4,1	25.2	+6.7	9.5	23	+1	5	-4	86	8	0	Dr.	6	
HELWAN	01	6	30	1	1	5	1	25.4	+6.4	10.7	20	-2	8	-4	82	8	0	1	4	
FAIYUM	09	6	00	0	4	5	6	25.2	+6.3	10.8	21	-3	7	-3	69	6	0	Dr.	0	Upper Egypt
BENI SUEF	01	9	02	1	0	5	6,1	25.2		10.7	20		5		76	7	0	Dr.		
MINYA	01	7	32	2	1	5	4,1	24		10	20		6		67	4	0	3		
ASYUT	01	6	26	1	1	7	4	24.0	+4.9	10.0	20	-3	8	-1	74	6	0	0	2	
NAG HAMMADI	00	8	00	0	0	0	–	22.4	+4.7	12.5	21		10		76	8	0	0		
QENA	01	7	26	2	1	5	1	22.6	+4.5	10.6	21	-5	8	-2	77	7	0	Dr.		
LUXOR	01	8	10	1	0	5	1	22		13	22		5		48	2	0	Dr.		
ASWAN	02	9	32	2	1	8	1	21.8	+4.1	13.0	23	-4	10	-3	50	3	0	Dr.		
SIWA	00	7	00	0	0	0	–	25.8	+6.1	8.2	20	-3	4	-2	57	0	0	0	1	Oases
BAHARIYA	01	8	00	0	1	5	2	25.4	+5.8	9.0	19	-4	3	-5	73	4	0	Dr.	2	
FARAFRA	02	8	10	1	1	8	7,4	25.6		8.8	19		5		77	5	0	Dr.		
DAKHLA	03	7	24	1	2	10	6,5			10.7	19	-6	8	-1	64	4	0	Dr.		
KHARGA	01	7	00	0	0	5	2	23.8	+5.2	13.1	20	-6	6	-4	63	6	0	0		
SUEZ	01	6	00	0	1	5	5	23.0	+5.2	12.3	21	-2	8	-4	73	7	0	12	6	Red Sea
TOR	01	9	04	1	1	5	1	21.4	+4.5	12.8	21	-3	10	-2	57	5	0	0	4	
HURGHADA	01	9	26	2	0	7	10	21		16	20		12		68	10	0	0	2	
QUSEIR	01	8	28	4	0	3	1	20.6	+3.7	18.7	22	-4	16	-1	48	8	0	0	3	
PORT SUDAN	02	8	04	4	1	8	6	17		24			22		69	18	0	33	62	
WADI HALFA																		0		Sudan
KAREIMA	00	8		3	0	2	1	17		19			16				0	3	1	
ATBARA	00	7	30	3	0	0	–	15		22			18				0	7	2	
KHARTUM	00	8	02	4	0	0	–	13		22			21		44	9		10	4	
KASSALA	00	8	08	1	0	0	–	11					19				0	2	8	
WAD MEDANI	00	9	32	3	0	0	–	13		22					53	12	0	11	12	
RENK																		0	49	
ROSEIRES	00	8	28	2	0	0	–	10		21					57	12	0	2	36	
EL OBEID	00	8	30	4	0	0	–	14		20			16		19	-4	0	0	16	
EL FASHER	00	8	28	2	0	2	2			16			10		24	-5	0	0	6	
GENEINA	00	8	04	4	0	1	2			17			13		24	-4	0		4	
MALAKAL	00	8	02	3	0	1	2	11		26			18		45	13	0	69	87	
WAU	02	8	00	0	1	8	2	11					19			17	0	261	142	
JUBA	02	8	02	1	1	8		10		27			19		58	18	0	118	127	

Humidity

Mean of the day

Station	4th	Diff. from normal
Alexandria	66	+1
Ezbekiya	57	-12
Giza	70	-3
Helwan	51	-6

GIZA

Grass minimum temp. on 5th 0.5

Remarks

UPPER AIR OBSERVATIONS on 4th

DD Direction of wind in degrees East of North VV Velocity in knots

Height m	Matruh 13 45 DD	VV	Fouad A.P. 14 30 DD	VV	Port Said 14 15 DD	VV	Minya 15 30 DD	VV	Almaza 14 15 DD	VV
200	320	13	310	14	180	12	30	7	290	8
500	340	10	310	14	180	14	360	11	300	4
1000	320	21	310	11	180	16	330	17	280	5
1500	330	33	300	17	180	17	360	10	270	6
2000			290	19			320	9	270	7
3000			260	20					260	10
4000			270	33					250	9

ALMAZA Aeroplane Ascent

Height feet	Pressure	Dry	Wet
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT Rawinsonde

On 5th, 3

Pressure mbs.	Height feet	Temp °C	Humidity	Wind DD	Wind VV
Surface		10	60	Calm	0
1000	630	10	55	Calm	0
950					
900	3490	6	65	360	10
850	5410	3	65	340	12
800	6610	1	45	30	11
700	10130	-1		260	32
600	14120	-8	35	250	53
500	18680	-17	35	260	89
400		-28	35		
300	30650	-40		290	40
250					
200					
150					
100					

UPPER AIR OBSERVATIONS on 5th

DD Direction of wind in degrees East of North VV Velocity in knots

Height m	Sidi Barani 5 DD	VV	Matruh 5 DD	VV	Fouad Airport 3 DD	VV	Port Said 4 30 DD	VV	Farouk Airport 3 DD	VV	Almaza 9 DD	VV	Helwan 7 30 DD	VV	Minya 3 DD	VV	Asyut DD	VV	Luxor 6 15 DD	VV	Aswan 5 DD	VV	Siwa 5 DD	VV
200	280	4	280	13	210	14	10	9	360	5	10	4	20	4	10	20			360	1	30	10	330	8
500	330	10	310	8	240	9	330	9	360	9	20	5	20	12	10	25			30	14	50	19	50	11
1000	340	11	30	7	280	7	340	7	360	9	20	5	20	12	10	20			20	13	50	19	10	13
1500	320	13			240	9	320	5	340	11	10	7	30	13	10	12			320	3	80	16	360	16
2000	Ent. Ns.				220	10	290	3	290	11	280	12	10	8					280	13	50	8	10	5
3000									260	27									250	16	120	10	230	9
4000																					90	10		
5000									250	49											90	2		
6000									260	88														
7000																								
8000																								

Height m	Bahariya 5 DD	VV	Dakhla 5 DD	VV	Kharga 6 15 DD	VV	Hurghada 9 DD	VV	Wadi Halfa 4 15 DD	VV	Abu Hamad DD	VV	Kareima DD	VV	Khartum DD	VV	Kassala DD	VV	El Obeid DD	VV	El Fasher 4 45 DD	VV	Malakal 3 45 DD	VV
200	340	4	10	7	10	14	330	25																
500	340	10	30	13	250	22	320	21															30	9
1000	20	23	20	11	30	25	340	23													10	9	20	30
1500	30	25	20	11	320	6	300	7	60	12											50	12	30	29
2000	30	23			240	11	250	7	80	16											70	12	40	25
3000	30	36			260	11															20	7	60	16
4000	30	16			220	15			200	10														
5000	300	5							260	13														
6000																								
7000									230	8														
8000																								

Note: All times G M T

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud 0
Variable sky 1
Mainly overcast [illegible]
Sandstorm, Duststorm [illegible]
Fog or thick dust haze [illegible]
Drizzle [illegible]
Rain [illegible]
Snow, sleet [illegible]
Showers [illegible]
Thunderstorm [illegible]

VISIBILITY (V)

Objects not visible at 50 metres 0

[illegible]

WIND FORCE (F)

[illegible]

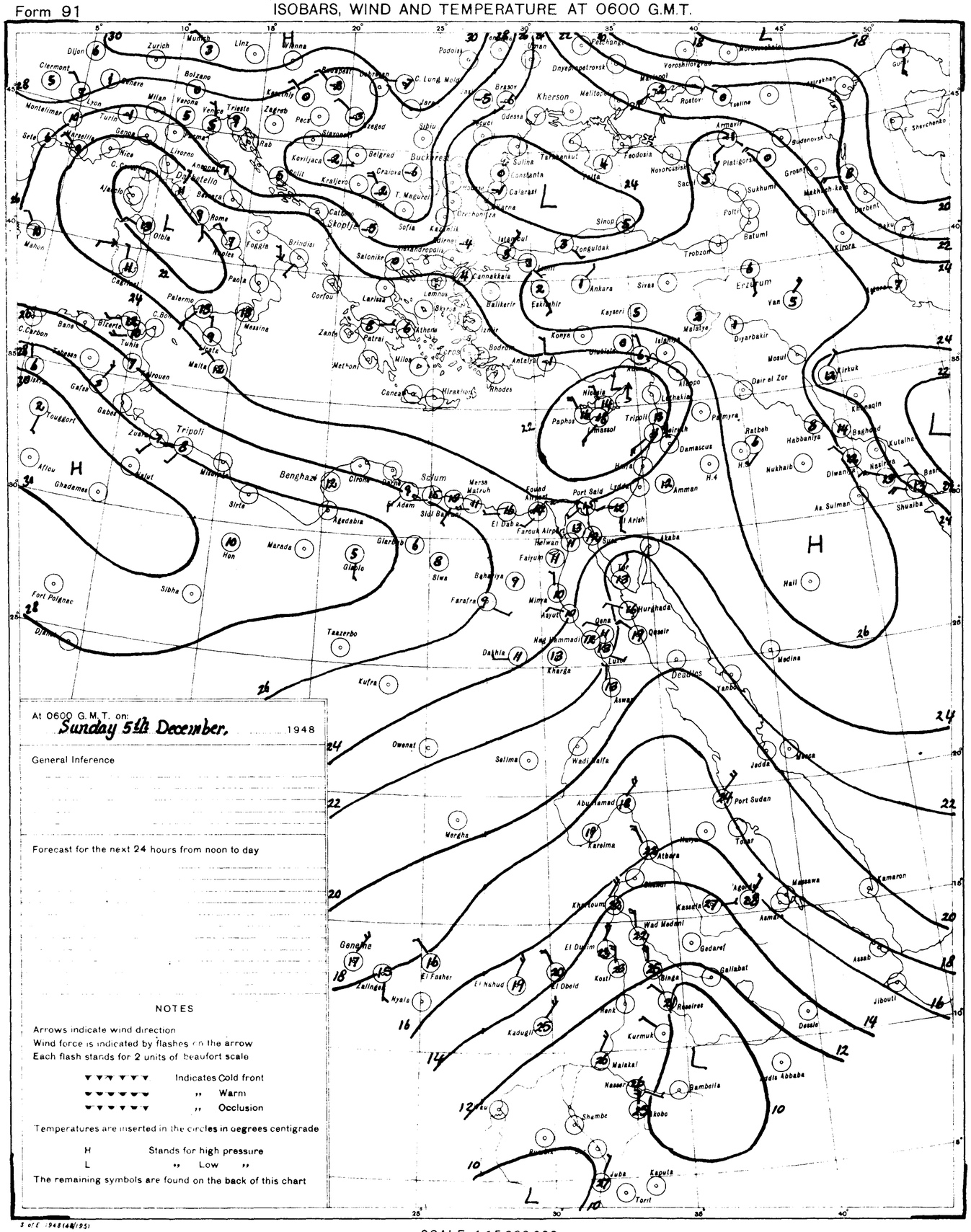
WIND DIRECTION (DD)

[illegible] East 18 = South
27 = West 32 = North
00 = Calm

Printed by the [illegible] of Egypt 1948 [illegible] 1951

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: *Sunday 5th December,* 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

S. of E. -948 (48)/95)

SCALE 1 15,000,000

CAIRO

Time of Sunrise 04 37 G.M.T.

" " Sunset 14 55 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: Monday 6th December, 1948.

At 1200 on Sunday 5th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARANI	13	8	20	2	2	8	7,4	24.2	17.1	72	12	0
	160	MATRUH	01	7	21	3	0	7	6,4	24	18	56	9	0
	134	EL DABA	01	8	28	1	1	5	8		18.4	52	8	0
	132	ALEXANDRIA	01	8	32	2	2	5	8	23.8	19.7	55	11	0
	150	FOUAD (Airport)	02	7	32	1	8	8	8	23.7	18	60	10	dw
	159	DAMIETTA	00	8	30	2	0	1	8	23.4	18.5	64	11	0
	161	PORT SAID	01	8	32	3	0	5	6	23	19	52	9	0
	135	EL ARISH	01	9	28	3	1	5	8,2	23.3	18.2	70	12	0
Lower Egypt	136	DAMANHUR	01	7	28	3	1	7	8	23.9	18.8	47	7	0
	137	MANSURA	01	8	32	1	1	5	8	23.6	19.8	57	11	0
	138	TANTA	01	8	00	0	1	5	8	23.6	20.0	47	8	0
	139	ZAGAZIG	01	6	32	1	1	5	8	23.9	19.8			0
		SHIBIN EL KOM	01	8	22	3	1	5	8	23.8	21.2	32	3	0
		ISMAILIA	01	7	02	2	1	5	4	24.7	20.2	40	6	0
Cairo Area	928	FAROUK (Airport)	01	8	02	3	0	5	6	23	20	64	13	0
	141	ALMAZA	01	8	02	4	0	7	8,1	23.2	20.3	40	8	0
		EZBEKIYA	01	8	04	1	1	5	1	23.5	20.0	46	8	0
		GIZA	01	8	04	1	1	5	1	23.3	20.0	48	9	0
	143	HELWAN	01	8	32	4	1	5	8,1	22.8	19.4	37	4	0
Upper Egypt	153	FAIYUM	01	8	32	2	1	5	6	22.7	20.2	42	7	0
		BENI SUEF	01	9	06	1	0	5	6,5	22.2	21.3	48	9	0
	162	MINYA	01	8	32	4	1	7	4,1	22	19	46	7	0
	155	ASYUT	02	7	28	1	2	8	4	21.1	20.0	32	3	0
	164	NAG HAMMADI	00	8	24	1	0	0	–	19.8	22.1	49	11	0
	156	QENA	01	8	24	2	1	7	3	20.2	20.0	42	7	0
	157	LUXOR	01	8	30	1	1	5	2	20	24	28	4	0
	168	ASWAN	02	9	32	2	1	8	1	18.2	23.0	35	7	0
Oases	148	SIWA	00	8	28	2	0	0	–	26.0	18.7	57	10	0
	149	BAHARIYA	01	8	32	1	1	5	2	23.1	19.0	46	7	0
		FARAFRA												
	152	DAKHLA	03	8	30	2	2	9	6,5		19.7	48	9	0
	151	KHARGA	01	7	02	4	1	3	2	22.2	21.2	25	0	0
Red Sea	144	SUEZ	01	8	32	2	1	5	8,5	21.8	19.0	53	9	0
	145	TOR	01	8	28	4	2	7	1	18.7	21.0	65	14	0
	163	HURGHADA	01	9	30	4	1	7	2	20	20	64	13	0
	147	QUSEIR	01	8	32	5	1	5	3	19.5	22.0	48	10	0
	208	PORT SUDAN	01	8	04	4	0	7	6	15	27	79	23	0
Sudan	165	WADI HALFA												
	166	KAREIMA	01	8	02	2	1	5	2	12	31	33	13	0
	167	ATBARA	00	7	02	2	0	tr.	1	10	33	24	10	0
	209	KHARTUM	00	8	02	3	0	1	1	9	33	24	10	0
	170	KASSALA	00	8	06	1	0	0	–	6	37	13	4	0
	171	WAD MEDANI	00	7	32	2	0	0	–	7	36	22	11	0
	182	RENK												
	172	ROSEIRES	00	8	28	2	0	0	–	7	36	27	14	0
	174	EL OBEID	00	8	02	3	1	0	–	9	37	14	6	0
	175	EL FASHER	01	8	08	3	0	3	1		30	22	6	0
	179	GENEINA	00	8	04	4	0	2	4,1		32	10	-4	0
		MALAKAL	02	8	06	3	1	9	2	7	35	19	8	0
		WAU	02	8	32	2	1	10	2	6	36	22	11	0
		JUBA	02	8	06	3	1	10	9,2	5	35	30	15	0

At 1800 on 5th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARANI	13	7	18	1	2	5	6,4	24.7	13.2	90	11	0
MATRUH	01	7	26	2	1	5	6	25	14	77	10	0
EL DABA	00	6	28	1	0	0	–		17.0	61	9	0
ALEXANDRIA	01	6	00	0	2	5	4	25.1	17.0	57	8	0
FOUAD (Airport)	01	7	02	1	1	3	8,4	25	12	88	10	0
DAMIETTA	00		22	2	0	tr.	8	24.2	13.0	90	11	0
PORT SAID	00	7	02	2	0	tr.	1	24	16	77	12	0
EL ARISH	00	9	16	3	0	0	–	24.0	13.1	86	11	0
DAMANHUR	01	6	28	2	1	3	8	24.4	14.2	74	9	0
MANSURA	00	6	04	2	1	0	–	25.2	13.4	82	10	0
TANTA	01	8	00	0	1	5	8	25.2	14.0	80	11	0
ZAGAZIG	00	6	00	0	0	0	–	24.3	14.2	85	12	0
SHIBIN EL KOM	01	7	28	2	1	3	6	24.3	14.4	71	9	0
ISMAILIA	01	6	02	1	1	3	5	24.6	14.0	71	9	0
FAROUK (Airport)	00	7	08	3	0	1	1	24	15	77	11	0
ALMAZA	00	7	06	3	1	1	1	24.1	15.0	65	8	0
EZBEKIYA	01	7	00	0	0	3	6,4	24.6	14.0	73	9	0
GIZA	01	7	00	0	0	3	6,4	24.2	15.0	85	13	0
HELWAN	00	7	02	4	0	0	–	24.2	15.9	57	7	0
FAIYUM	01	8	00	0	1	5	6	23.3	15.1	63	8	0
BENI SUEF	00	9	02	1	0	0	–	23.3	14.9	69	9	0
MINYA	01	7	32	3	1	7	5,4	23	15	59	7	0
ASYUT	01	5	22	1	1	5	5	22.7	14.0	70	9	0
NAG HAMMADI	00	8	24	1	0	0	–	21.4	13.8	73	9	0
QENA	01	6	24	2	1	5	3	20.0	16.7	56	8	0
LUXOR	01	7	15	1	1	3	5,1	20	16	45	4	0
ASWAN	00	9	00	0	0	0	–	19.4	19.6	34	4	0
SIWA	00	6	00	0	0	0	–	26.0	13.5	63	7	0
BAHARIYA	01	7	32	1	1	3	4	24.0	14.0	62	7	0
FARAFRA	01		32	1	1	5	5,4	24.4	11.7	68	6	0
DAKHLA	01	8	28	1	1	5	6,5		16.0	55	7	0
KHARGA	00	7	32	1	0	0	–	22.3	15.9	49	5	0
SUEZ	01		00	0	1	5	5	22.7	15.7	72	11	0
TOR	01	7	28	1	2	7	1	20.2	17.5	60	10	0
HURGHADA	01	8	27	2	1	5	3	21	17	60	9	0
QUSEIR	01	8	30	4	1	3	2	19.9	19.4	57	10	0

At 0600 on Monday 6th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Max. Yesterday TxTx	Diff. from norm.	Min. Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	Station	Area
SIDI BARANI	13	8	20	2	5	8	7,4	24.4		11.6	19		10		89	10	tr.	91		SIDI BARANI	Mediterranean
MATRUH	21	7	22	2	5	9	6	25		12	19		10		88	10	1	53		MATRUH	
EL DABA	01	8	20	1	1	3	8			12.0	21		8		80	9	0	30		EL DABA	
ALEXANDRIA	01	8	16	1	2	7	4	24.7	+6.2	16.6	20	-2	13	-1	66	11	0	61	50	ALEXANDRIA	
FOUAD (Airport)	01	7	20	1	4	5	8	24.3		12	19		9		95	12	tr.	49		FOUAD (Airport)	
DAMIETTA	02		18	2	2	8	9	23.6	+5.9	16.1	19		9		97	15	0	75	25	DAMIETTA	
PORT SAID	00	7	27	2	0	2	6	23		16	19		14		77	12	0	10		PORT SAID	
EL ARISH	01	9	16	2	1	3	8	23.1	+4.6	13.1	21	-1	10	0	85	11	0	30	20	EL ARISH	
DAMANHUR	00	6	24	2	0	0	–	24.7	+6.1	11.8	20	-3	8	-3	73	7	0	6	20	DAMANHUR	Lower Egypt
MANSURA	01	7	28	1	1	5	6	24.6	+6.4	13.8	23	0	10	-1	78	10	0	6	91	MANSURA	
TANTA	00	8	24	1	1	2	8	24.4	+5.6	9.6	21	-2	6	-4	92	9	0	8	9	TANTA	
ZAGAZIG	04	6	00	0	0	3	8	23.8	+5.1	12.2	23	0	9	-1	84	10	0	1	7	ZAGAZIG	
SHIBIN EL KOM	00	7	30	2	0	1	8	24.4	+5.7	11.0	23		8		77	7	0	4		SHIBIN EL KOM	
ISMAILIA	00	6	30	1	0	0	–	23.5		13.3	22		9		74	9	0	3		ISMAILIA	
FAROUK (Airport)	05	6	00	0	0	tr.	4	24		12	20		10		77	8	0	Dr.		FAROUK (Airport)	Cairo Area
ALMAZA	05	6	06	1	0	3	4	23.8	+5.3	11.6	20		9		74	7	0	Dr.		ALMAZA	
EZBEKIYA	09	5	00	0	4	0	–	24.0	+5.5	10.9	21	-2	8	-3	85	9	0	Dr.	5	EZBEKIYA	
GIZA	09	5	04	0	4	0	–	24.2	+5.7	10.0	21	-1	7	-2	87	8	0	Dr.	6	GIZA	
HELWAN	05	5	32	3	0	3	4	23.1	+4.1	13.9	20	-2	12	+1	66	8	0	1	4	HELWAN	
FAIYUM	00	8	00	0	0	0	–	23.5	+4.6	11.4	21	-3	9	-1	82	8	0	Dr.	0	FAIYUM	Upper Egypt
BENI SUEF	01	9	02	1	0	3	1	22.7		12.7	21		8		77	9	0	Dr.		BENI SUEF	
MINYA	01	7	32	3	1	7	5,4	22		11	19		9		63	4	0	3		MINYA	
ASYUT	02	6	26	1	2	8	6	21.5	+2.4	12.0	20	-3	9	0	76	8	0	0	2	ASYUT	
NAG HAMMADI	00	8	00	0	0	0	–	20.6	+2.8	11.4	24		8		83	8	0	0		NAG HAMMADI	
QENA	01	7	22	3	1	7	3	20.6	+2.5	12.4	21	-5	9	-1	74	7	0	Dr.		QENA	
LUXOR	02	8	00	0	1	8	5,4	20		12	24		9		59	4	0	Dr.		LUXOR	
ASWAN	01	9	32	2	1	5	1	20.8	+3.0	14.7	24	-3	12	-1	68	9	0	Dr.		ASWAN	
SIWA	00	7	00	0	0	0	–	25.2	+5.5	9.5	20	-3	4	-2	59	2	0	0	1	SIWA	Oases
BAHARIYA	01	8	32	1	1	3	4	24.3	+4.6	12.0	20	-3	7	-1	75	3	0	Dr.	2	BAHARIYA	
FARAFRA	02	8	02	1	1	8	9,4	24.7		9.5	20		7		86	8	0	Dr.		FARAFRA	
DAKHLA	02	8	00	0	2	10	6,5	21.1	+1.8	14.2	21	-3	10	+2	67	8	0	Dr.		DAKHLA	
KHARGA	02	6	00	0	0	8	4	21.9	+3.2	14.9	22	-4	11	+2	62	8	0	0		KHARGA	
SUEZ	01	6	00	0	0	5	4	22.6	+4.8	14.9	20	-3	11	-1	70	10	0	12	6	SUEZ	Red Sea
TOR	01	9	04	1	2	7	1	19.6	+2.6	14.0	21	-3	12	+1	55	5	0	0	4	TOR	
HURGHADA	02	9	26	1	1	9	4	20		16	20		11		52	6	0	0		HURGHADA	
QUSEIR	02	8	28	4	1	8	2	18.6	+1.7	20.6	23	-2	17	0	32	3	0	0	3	QUSEIR	
PORT SUDAN	00	8	04	1	1	2		17		25					84	22	0	33	63	PORT SUDAN	
WADI HALFA																	0	0		WADI HALFA	Sudan
KAREIMA																	0	3	1	KAREIMA	
ATBARA																	0	7	2	ATBARA	
KHARTUM	00	8	04	3	0	2	8,1	13		23					44	10	0	10	4	KHARTUM	
KASSALA																	0	2	8	KASSALA	
WAD MEDANI																	0	11	12	WAD MEDANI	
RENK																	0	0	49	RENK	
ROSEIRES																	0	2	36	ROSEIRES	
EL OBEID	01	8	30	3	1	5	1	14		21					28	2	0	0	16	EL OBEID	
EL FASHER	00	8	00	0	0		1			14					45	2	0	0	6	EL FASHER	
GENEINA	00	8	04	4	0	1		16		16									4	GENEINA	
MALAKAL																	0	69	87	MALAKAL	
WAU																	0	261	142	WAU	
JUBA																	0	118	128	JUBA	

Humidity

Station	5th	Diff. from normal
Alexandria	53	-12
Ezbekiya	70	+1
Giza	79	+6
Helwan	74	+17

GIZA Grass Minimum Temp. 6th 2.2

Remarks

UPPER AIR OBSERVATIONS on 5th

DD Direction of wind in degrees East of North VV Velocity in knots

ALMAZA Aeroplane Ascent — Height (feet): Surface, 500, 1000, 1500, 2000, 4000, 6000, 8000, 10000, 12000, 14000, 16000, 18000, 20000 (no entries)

FAROUK AIRPORT Rawinsonde on 6th at 3

Pressure mbs.	Height feet	Temp °C	Humidity %	Wind DD	Wind VV
Surface		10	87	90	6
1000	640	13	85	90	6
950					
900	3530	7	75		
850	5070	4	75	30	23
800	6690	5	25	10	10
700	10230	0	35	250	30
600	14230	-8	45	250	53
500	18820	-19	75	250	67
400		-27	75		
300	30790	-40		270	70
250					
200	39580	-54			
150					
100					

Height (m)	Fouad A.P. 15 DD	VV	Almaza 14 15 DD	VV	Minya A.P. 14 30 DD	VV
200	330	14	10	5	360	28
500	330	22	20	6	10	31
1000	320	10	30	4	20	29
1500	310	18	40	5	360	15
2000	Ent. Cu.		330	4	220	15
3000			260	8	290	11
4000			250	20		
5000			240	16		

UPPER AIR OBSERVATIONS on 6th

DD Direction of wind in degrees East of North VV Velocity in knots

Height (m)	Sidi Barani 5 DD	VV	Matruh 10 45 DD	VV	Almaza 3 DD	VV	Helwan 7 15 DD	VV	Minya 3 DD	VV	Luxor 6 DD	VV	Aswan 5 DD	VV	Wadi Halfa 5 DD	VV
200	270	9	360	3	80	12	20	10	10	28	30	1	20	8	70	11
500	230	10	350	5	40	18	20	32	360	21	360	8	40	16	70	10
1000	290	9	330	4	40	20	10	23	360	20	10	4	80	22	40	8
1500	270	4			30	20	50	32	360	26	180	11	70	14	30	10
2000	100	5			340	9	330	8			170	2	90	8	80	5
3000	Ent Cu				260	24					250	10	30	14	270	20
4000															240	25
5000					240	46									240	24
6000					240	65										

Height (m)	Bahariya 5 DD	VV	Dakhla 5 DD	VV	Kharga 5 DD	VV	Hurghada 8 15 DD	VV	Kassala 4 45 DD	VV	El Fasher 4 30 DD	VV
200	40	22	20	10	10	14	330	33				
500	40	26	20	11	10	21	320	26				
1000	20	30	30	10	10	14	320	20	90	13	350	8
1500	30	32	10	7	320	4	230	5	110	17	40	12
2000	360	12			220	12	230	5	130	10	70	17
3000	260	19			240	13						
4000	250	24			250	13						
5000					240	17						

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud 0

Variable sky 1

Mainly overcast

Sandstorm, Duststorm

Fog, thick dust haze

Drizzle

Rain

Snow, sleet

Showers

Thunderstorm

VISIBILITY (V)

WIND FORCE (F)

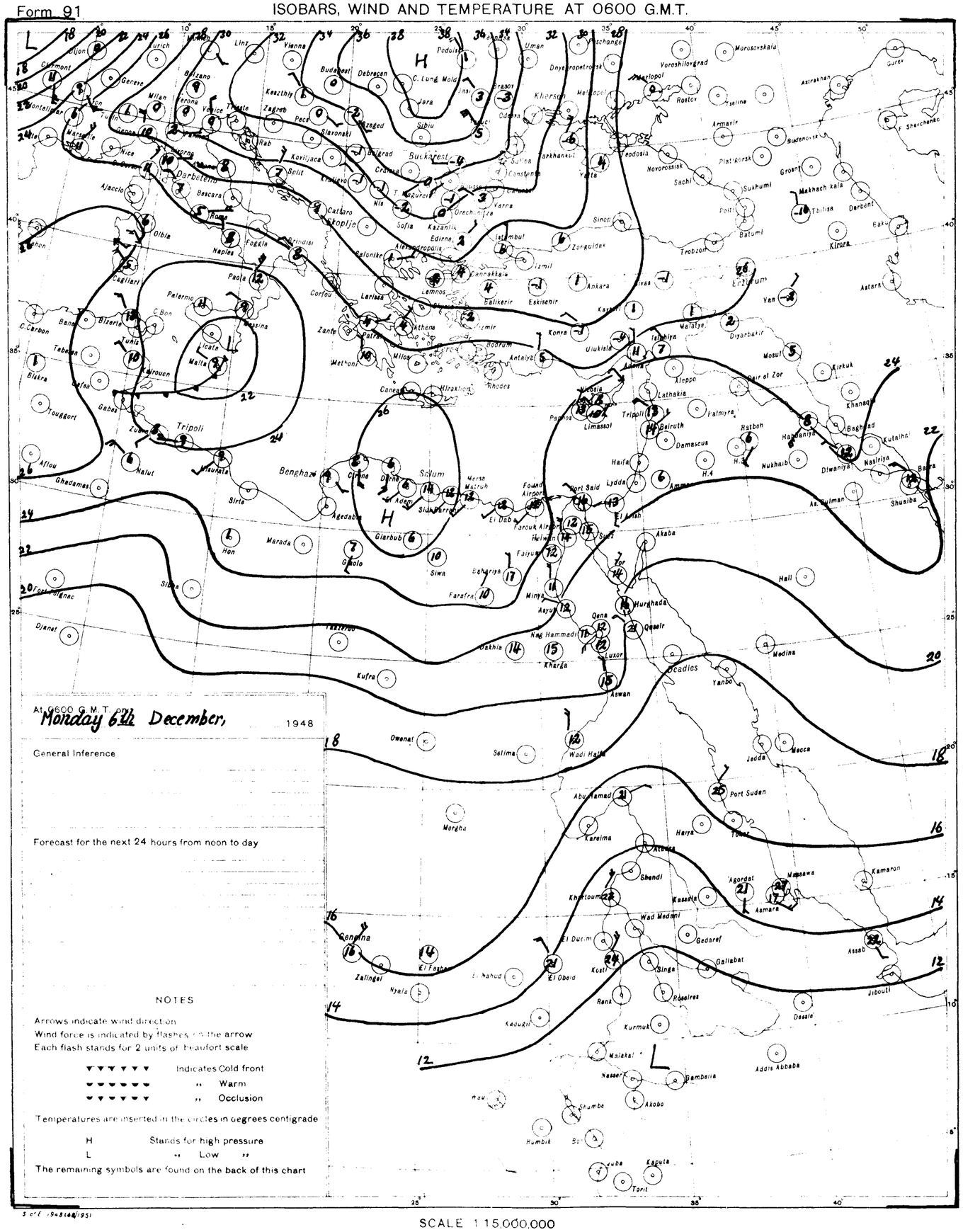
WIND DIRECTION (DD)

East 09, South 18, West 27, North 36

00 is Calm

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 38 G.M.T.

" " Sunset 14 55 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: Tuesday 7th December, 1948.

At 1200 on Monday 6th

Area	Index Number	Station	Present Weather (ww)	Visibility (V)	Wind Direction (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount 0-10	Cloud Form (C)	Bar. Press. M.S.L. mbs. (PPP)	Temp. °C (TT)	Humidity % (UU)	Dew Point °C	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARANI	13	8	28	3	2	9	7,4	14.8	16.3	59	8	0
	160	MATRUH	02	7	30	3	8	8	8	23	16	68	10	R
	134	EL DABA												
	132	ALEXANDRIA	02	9	04	2	2	8	4	21.9	18.6	52	9	0
	150	FOUAD (Airport)	01	7	04	2	1	7	8	22.1	20	56	11	0
	159	DAMIETTA	01	8	32	3	5	5	8	21.2	18.6	69	13	Dr.
	161	PORT SA'ID	02	8	03	3	1	8	8	21	19	64	12	0
	135	EL 'ARISH	01	9	04	4	1	5	8	20.7	18.3	65	11	0
Lower Egypt	136	DAMANHUR	01	7	08	2	1	5	8	22.0	19.0	52	9	0
	137	MANSURA	01	8	32	2	1	5	6	21.5	20.0	59	12	0
	138	TANTA	01	8	24	3	1	5	8	21.2	20.0	50	9	0
	139	ZAGAZIG	01	6	28	1	1	3	8	21.4	20.2			0
		SHIBIN EL KOM	01	8	22	3	1	5	8	22.7	20.6	35	5	0
		ISMAILIA	01	7	02	2	1	5	6	20.4	20.8	45	9	0
Cairo Area	928	FAROUK (Airport)	02	8	04	3	1	9	6,2	21	20			0
	141	ALMAZA	01	7	02	4	0	7	8,4	20	20	43	7	0
		EZBEKIYA	02	8	32	2	2	9	8,4	20.6	19.8	50	9	0
		GIZA	02	8	32	2	2	9	8,4	21.0	20.0	47	8	0
	143	HELWAN	02	8	02	5	2	8	4	19.9	19.3	40	7	0
Upper Egypt	153	FAIYUM	02	8	02	4	2	10	6	19.9	19.1	52	9	0
		BENI SUEF	03	8	02	2	0	10	7,5	19.4	20.0	50	9	0
	162	MINYA	02	7	01	4	2	10	4,7	19	18	52	8	0
	155	ASYUT	02	7	22	1	2	9	6	20.2	18.9	47	7	0
	164	NAG HAMMADI	00	8	00	0	0	0	—		21.9	50	11	0
	156	QENA	02	8	22	3	2	8	3	16.6	20.3	41	6	0
	157	LUXOR	01	8	22	1	2	7	4	16	24	38	9 ?	0
	158	ASWAN	02	9	32	2	1	8	1	15.4	25.0	22	2	0
Oases	148	SIWA	00	8	00	0	0	0	—	24.2	21.2	46	9	0
	149	BAHARIYA	02	8	32	1	1	5	4	21.6	19.0	46	7	0
		FARAFRA												
	152	DAKHLA	03	8	28	4	2	10	9,5		18.0	57	9	0
	151	KHARGA	02	7	30	2	1	9	6	18.8	19.3	34	3	0
Red Sea	144	SUEZ	02	7	02	3	2	8	6	18.4	20.0	47	8	0
	145	TOR	01	9	28	3	2	7	1	16.4	21.8	51	11	0
	163	HURGHADA	02	9	30	3	2	9	4,2	17	20	69	14	0
	147	QUSEIR	02	8	32	4	2	8	2	16.3	23.0	49	12	0
	208	PORT SUDAN	01	8	04	4	1	3	8	12	28	79	24	0
Northern Sudan	165	WADI HALFA												
	166	KAREIMA	00	8	04	1	0	0	—	11	31			0
	167	ATBARA	00	8	02	3	0	0	—	9	33	28	12	0
	209	KHARTUM	00	8	04	2	0	1	2	8	34	25	11	0
	170	KASSALA												
Central Sudan	171	WAD MEDANI	00	8	04	2	0	0	—	6	35	25	12	0
	182	RENK												
	172	ROSEIRES	00	8	08	2	0	0	—	8	37	27	15	0
	174	EL OBEID	01	8	02	4	1	5	1	8	33	20	7	0
	175	EL FASHER	00	8	06	2	0	tr.	1		31	24	8	0
	179	GENEINA	00	8	02	3	0	0	—					0
Southern Sudan	176	MALAKAL	02	8	22	1	1	8	1	6	35	27	13	0
	177	WAU	02	8	04	2	1	9	8,2	6	36	27	14	0
	178	JUBA	02	8	08	3	1	9	8,2	5	36	20	10	0

At 1800 on 6th

Station	Present Weather (ww)	Visibility (V)	Wind Direction (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount 0-10	Cloud Form (C)	Bar. Press. M.S.L. mbs. (PPP)	Temp. °C (TT)	Humidity % (UU)	Dew Point °C	Rain 12-18 G.M.T. mms
SIDI BARANI	13	7	32	3	2	10	6,4	23.1	16.1	70	10	0
MATRUH	01	7	27	2	5	7	6	24	14	77	10	R
EL DABA												
ALEXANDRIA	01	6	04	2	2	5	8	22.3	17.0	52	7	0
FOUAD (Airport)	01	7	03	1	1	5	6	22.2	14	77	10	0
DAMIETTA	00		32	2	0	2	8	21.2	16.2	68	10	0
PORT SA'ID	01	7	02	4	8	5	8	21	17	64	10	Dr.
EL 'ARISH	00	9	32	4	0	1	8	20.6	17.3	63	10	0
DAMANHUR	00	5	04	2	1	0	—	22.6	13.6	78	10	0
MANSURA	01	6	32	2	1	5	6	21.8	14.2	76	10	0
TANTA	01	8	00	0	1	5	8	21.6	15.0	77	11	0
ZAGAZIG	00	6	00	0	0	0	—	21.6	14.2	79	10	0
SHIBIN EL KOM	00	7	28	2	0	0	—	23.9	15.4	72	10	0
ISMAILIA	02	—	32	1	2	8	5	20.8	14.5			0
FAROUK (Airport)	01	7	04	4	0	5	6	21	16	82	13	0
ALMAZA	02	7	04	3	2	9	4	20.9	16.1	66	10	0
EZBEKIYA	01	7	02	2	0	3	4	21.4	14.7	77	11	0
GIZA	01	7	02	2	0	3	4	21.1	16.0	67	10	0
HELWAN	01	7	32	5	1	7	4	21.1	16.0	64	9	0
FAIYUM	02	8	02	1	2	10	6	20.2	16.6	69	11	0
BENI SUEF	00	9	02	2	0	0	—	19.0	15.6	70	11	0
MINYA	01	7	01	4	6	7	4	19	16	59	8	Dr.
ASYUT	01	6	22	1	1	7	6	20.3	14.3	77	10	0
NAG HAMMADI	00	8	00	0	0	0	—	17.9	14.9	77	11	0
QENA	02	6	24	4	2	8	4	17.0	16.8	59	9	0
LUXOR	00	7	18	3	1	1	1	17	15	45	3	0
ASWAN	00	9	00	0	1	2	1	16.2	21.0	31	3	0
SIWA	00	6	00	0	0	0	—	24.4	15.5	47	5	0
BAHARIYA	01	7	32	1	1	5	4,1	21.6	14.0	57	6	0
FARAFRA												
DAKHLA	02	7	28	1	2	8	6,5		16.2	59	8	0
KHARGA	02	6	30	1	1	8	5	19.6	16.6	52	7	0
SUEZ	02		00	0	2	8	5	19.2	16.2	66	10	0
TOR	01	7	28	5	2	7	1	16.4	20.5	64	13	0
HURGHADA	02	9	00	0	2	9	4,1	17	18	60	10	0
QUSEIR	01	8	30	4	1	3	2	16.3	20.0	55	11	0

At 0600 on Tuesday 7th

Station	Present Weather (ww)	Visibility (V)	Wind Direction (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount 0-10	Cloud Form (C)	Bar. Pressure M.S.L. mbs. (PPP)	Diff. from normal mbs.	Dry Bulb (TT)	Maximum Yesterday (TxTx)	Max. Diff. from norm.	Minimum Today (TnTn)	Min. Diff. from norm.	Humidity % (UU)	Dew Point °C	Rainfall Past 24 hrs	Rainfall Total From Oct. 1	Rainfall Norm. From Oct. 1	Station	Area
SIDI BARANI	20	8	02	2	5	10	7	21.8		13.0	18		11		98	12	3	94		SIDI BARANI	Mediterranean
MATRUH	82	7	31	2	8	8	7	21		12	18		11		94	11	4	57		MATRUH	
EL DABA																	0	30		EL DABA	
ALEXANDRIA	01	8	08	1	2	7	8	21.2	+2.7	14.8	21	-1	13	-1	78	11	0	61	52	ALEXANDRIA	
FOUAD (Airport)	02	7	26	1	8	8	8	20.0		12	20		11		94	11	Dr.	49		FOUAD (Airport)	
DAMIETTA	01		26	2	1	5	8	18.8	+1.1	17.2	20		9		79	13	Dr.	25	26	DAMIETTA	
PORT SA'ID	00	7	32	2	0	2	6	19		17	21		16		68	11	Dr.	10		PORT SA'ID	
EL 'ARISH	00	9	14	1	0	2	8	18.3	-0.2	14.1	19	-3	11	+1	79	10	0	30	20	EL 'ARISH	
DAMANHUR	01	5	12	2	5	7	8	20.7	+2.1	14.0	21	-2	10	-1	87	12	Dr.	6	20	DAMANHUR	Lower Egypt
MANSURA	00	8	28	2	1	0	—	19.4	+1.2	14.5	22	-1	10	-1	75	10	0	6	11	MANSURA	
TANTA	01	8	00	0	1	3	8	20.6	+1.7	11.4	22	-1	6	-4	91	10	0	8	9	TANTA	
ZAGAZIG	00	6	30	0	0	0	—	19.5	+0.7	13.5	23	0	8	-2	67	8	0	1	7	ZAGAZIG	
SHIBIN EL KOM	00	7	28	2	0	0	—			10.7	22		8		76	7	0	4		SHIBIN EL KOM	
ISMAILIA	00	5	24	1	5	tr.	4	19.1		15.6	22		12		71	11	Dr.	3		ISMAILIA	
FAROUK (Airport)	00	7	00	0	0	2	4	18		12	20		9		95	0	0	Dr.		FAROUK (Airport)	Cairo Area
ALMAZA	05	6	02	1	0	tr.	4	19.8	+1.3	13.1	20		8		68	7	0	Dr.		ALMAZA	
EZBEKIYA	05	6	00	0	0	0	—	19.9	+1.6	11.2	21	-2	9	-2	78	7	0	Dr.	5	EZBEKIYA	
GIZA	05	6	00	0	0	0	—	19.9	+1.3	11.0	21	-1	6	-3	85	8	0	Dr.	6	GIZA	
HELWAN	09	4	28	3	0	0	—	19.5	+0.5	12.0	20	-2	10	-1	74	7	0	1	4	HELWAN	
FAIYUM	00	8	32	1	0	0	—	19.6	+0.6	11.4	20	-4	9	-1	78	7	0	Dr.	0	FAIYUM	Upper Egypt
BENI SUEF	00	9	02	1	0	0	—	19.1		11.9	20		8		76	8	0	Dr.		BENI SUEF	
MINYA	00	7	32	3	0	0	—	19		11	19		9		77	7	Dr.	3		MINYA	
ASYUT	00	7	26	1	0	0	—	18.8	-0.4	12.0	19	-4	9	0	79	8	0	0	2	ASYUT	
NAG HAMMADI	00	8	00	0	0	0	—	18.0	+0.1	14.2	23		7		76	10	0	0		NAG HAMMADI	
QENA	01	7	22	2	2	5	4	17.2	-1.0	15.1	21	-5	13	+3	74	10	0	Dr.		QENA	
LUXOR	01	7	00	0	1	5	4	17		14	24		11		72	9	0	Dr.		LUXOR	
ASWAN	00	9	00	0	0	0	—	17.1	-0.8	14.5	25	-2	10	-3	62	7	0	Dr.		ASWAN	
SIWA	03	7	20	2	2	10	5	23.1	+3.3	10.5	23	+1	8	+2	71	5	0	0	1	SIWA	Oases
BAHARIYA	00	8	32	1	0	0	—	21.4	+1.7	10.0	19	-4	5	-3	78	6	0	Dr.	2	BAHARIYA	
FARAFRA																	0	Dr.		FARAFRA	
DAKHLA	00	8	28	2	0	0	—	20.8	+1.4	12.7	21	-3	10	+2	69	7	0	Dr.		DAKHLA	
KHARGA	01	8	02	2	0	5	8	19.2	+0.5	13.4	21	-4	13	+4	72	8	0	0		KHARGA	
SUEZ	00	6	00	0	0	2	6	18.2	+0.4	13.8	21	-2	11	-1	80	11	0	12	6	SUEZ	Red Sea
TOR	00	9	00	0	1	2	1	16.1	-0.9	15.0	21	-3	14	+3	68	9	0	0	4	TOR	
HURGHADA	02	9	28	4	2	8	4	16		18	20		16		68	12	Dr.	Dr.		HURGHADA	
QUSEIR	02	8	28	3	2	8	4	15.9	-1.0	18.3	23	-2	15	-2	54	9	0	0	4	QUSEIR	
PORT SUDAN	01	8	30	3	1	5	9	14		26					79	22	0	33	63	PORT SUDAN	
WADI HALFA																	0	0		WADI HALFA	Northern Sudan
KAREIMA																	0	3	1	KAREIMA	
ATBARA																	0	7	2	ATBARA	
KHARTUM	00	8	30	3	0	0	—	12		23					47	11	0	10	4	KHARTUM	
KASSALA																	0	2	8	KASSALA	
WAD MEDANI	00	9			0	0	—	12		23					69	17	0	11	12	WAD MEDANI	Central Sudan
RENK																	0	0	49	RENK	
ROSEIRES																	0	2	36	ROSEIRES	
EL OBEID																	0	0	16	EL OBEID	
EL FASHER	00	8	06	2	0	tr.	4			17					37	2	0	0	6	EL FASHER	
GENEINA	00	8	04	4	0	0	—									-7			4	GENEINA	
MALAKAL																	0	69	87	MALAKAL	Southern Sudan
WAU																	0	261	142	WAU	
JUBA																	0	118	128	JUBA	

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at

50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visible over 50 kms	9

CLOUD FORM (C) [illegible]

WIND FORCE (F) [illegible]

WIND DIRECTION (DD)

[illegible] 32 [illegible]

[illegible] East 16 = South

24 = West 32 = North

00 is Calm

HUMIDITY Mean of day

Station	on 6th	Diff. from normal
Alexandria	54	-11
Ezbekiya	74	+5
Giza	70	-3
Helwan	60	+3

GIZA Grass minimum temp.

on 7th 1.6

Remarks

ALMAZA Aeroplane ascent on ... at ...

Height feet	Pressure	Dry	Wet
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT Rawinsonde on 7th at 4

Pressure mbs.	Height feet	Temp. °C	Humidity %	Wind DD	Wind VV
Surface		10	80	50	4
1000	530	10	75	50	4
950					
900	3300	5	75	40	24
850	4910	2	85	40	19
800	8510	0	65	350	9
700	10010	-3	35	250	24
600	13960	-10		230	39
500	18500	-19		240	50
400		-32			
300					
250					
200					
150					
100					

UPPER AIR OBSERVATIONS on 6th

DD Direction of wind in degrees East of North VV Velocity in knots

Station	Matruh DD	Matruh VV	Almaza DD	Almaza VV	Fouad Ap. DD	Fouad Ap. VV	Minya DD	Minya VV
Time	13 45		16		15		14 30	
200	310	12	30	9	30	10		
500	350	6	30	9	20	11	20	28
1000	20	6	40	9	10	10	40	20
1500	30	3	50	9	20	6	230	13
2000	320	2	30	8	10	12	240	35
3000	340	10	270	6	30	9		
4000	260	24						
5000								
6000								
7000								
8000								

UPPER AIR OBSERVATIONS on 7th

DD Direction of wind in degrees East of North VV Velocity in knots

Station	Sidi Barani	Matruh	Fouad Airport	Port Said	Farouk Airport	Almaza	Helwan	Minya	Asyut	Luxor	Aswan	[illegible]
Time	5	5	2 30		3		6 45	3		5 45	5	5
Height m. (DD VV)												
200	350 9	300 4	30 10		40 14		360 13	360 31		210 2	20 5	360 8
500	330 11	300 8	40 11		30 17		20 19	10 38		20 5	10 22	10 9
1000	330 12	320 9	40 12		30 21		40 16	10 29		360 3	10 19	10 15
1500	330 11	320 8	50 14		40 17		20 11	340 13		260 16	160 5	350 13
2000	Entst.	30 4	60 14		260 10		40 8	270 12		180 3	240 5	340 10
3000		Ent. Cu	90 21		250 17						290 8	Ent. Ac.
4000			Ent. Cb.								240	
5000					240 35						270 12	
6000					240 46							
7000					Ent. Ac.							
8000												

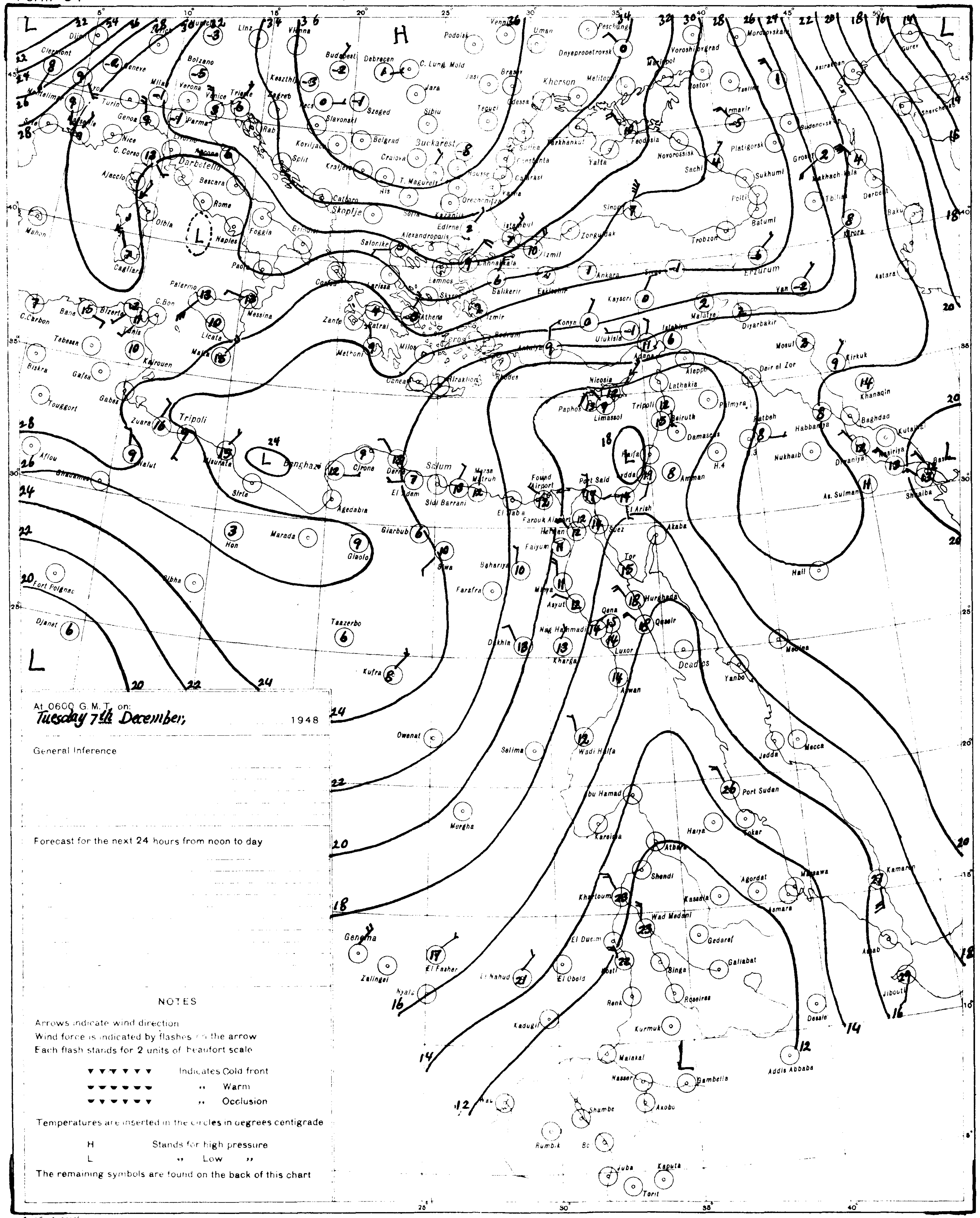
Station	Bahariya	Dakhla	Kharga	Hurghada	Wadi Halfa	Abu Hamad	Kareima	Khartum	Kassala	El Obeid	El Fasher	Malakal
Time	5	5	6 15		5	4	3 30	4	3 45		5 30	
Height m. (DD VV)												
200	360 10	10 10	360 13									
500	20 17	20 15	360 23									
1000	20 24	10 16	360 23		30 12		10 13	30 27	10 4		10 9	
1500	360 23	360 16	290 9		40 8		300 6	70 7	80 3		50 5	
2000	10 21		230 16		350 15		20 3	310 5	60 2		360 2	
3000	270 16		250 32		230 19			250 6	330 5		180 10	
4000			230 48		240 14			190 14	210 12		200 9	
5000												
6000												
7000												
8000												

Note: All times G.M.T.

Printed by the [illegible] of Egypt 1946-48 1951

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



S c/E 948(48/195)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 39 G.M.T.

" " Sunset 14 55 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: WEDNESDAY 8th DECEMBER, 1948.

At 1200 on TUESDAY 7th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
MEDITERRANEAN	146	SIDI BARANI	64	7	30	1	8	10	7	21.0	12.8	96	12	18
	160	MATRUH	25	7	30	3	6	10	8	20	15	82	12	R
	134	EL DABA	60	6	28	1	6	10	9		12.2	78	08	8
	132	ALEXANDRIA	01	9	32	2	5	7	8	17.8	19.8	51	10	tr
	150	FOUAD (Airport)	51	8	32	2	8	5	8,4	17.9	19	49	08	1
	159	DAMIETTA	02	8	28	3	2	8	9	16.7	18.5	71	13	0
	161	PORT SAID	00	8	29	2	0	2	8	17	19	64	12	0
	135	EL ARISH	01	9	24	3	1	7	9	16.3	20.8	62	13	0
LOWER EGYPT	136	DAMANHUR	01	7	04	3	5	7	8	17.6	19.0	52	09	tr
	137	MANSURA	01	8	28	2	1	5	6	17.2	19.2	61	11	0
	138	TANTA	01	8	33	3	1	5	8	18.0	21.0	41	07	0
	139	ZAGAZIG	01	6	00	0	0	3	8	17.8	20.2	49	09	0
		SHIBIN EL KOM	01	8	28	3	1	5	8		22.3	35	06	0
		ISMAILIA	01	7	32	1	1	5	6	16.8	21.6	41	08	0
CAIRO AREA	928	FAROUK (Airport)	01	8	02	3	1	5	8	17	19	46	07	0
	141	ALMAZA	01	7	30	3	1	5	8	16.7	19.8	45	07	0
		EZBEKIYA	01	8	02	2	1	5	8	17.1	19.8	46	08	0
		GIZA	01	8	02	2	1	5	8	17.2	20.5	46	08	0
	143	HELWAN	01	8	30	2	1	5	8	16.8	18.8	43	06	0
UPPER EGYPT	153	FAIYUM												
		BENI SUEF	01	9	02	2	0	3	8,4	16.7	21.2	42	07	0
	162	MINYA	00	8	00	3	0	1	8	17	21	33	04	0
	155	ASYUT	00	8	28	1	0	0	-	15.8	20.3	38	05	0
	164	NAG HAMMADI	00	8	33	1	0	0	-	16.4	20.8	56	12	0
	156	QENA	01	8	24	2	1	5	3	14.6	19.6	56	11	0
	157	LUXOR	01	8	00	0	1	5	6	14	24	38	09	0
	158	ASWAN	01	9	32	1	1	3	1	13.9	23.8	36	08	0
OASES	148	SIWA	00	8	28	5	0	0	-	21.8	20.3	48	09	0
	149	BAHARIYA	02	8	28	1	1	8	4	19.2	19.0	46	07	0
		FARAFRA	01	8	30	3	1	5	6	19.6	18.8	54	10	0
	152	DAKHLA	00	9	28	3	0	0	-		19.0	43	06	0
	151	KHARGA	00	8	32	3	0	0	-	17.0	21.1	35	05	0
RED SEA	144	SUEZ	01	8	02	2	1	5	8	15.4	18.0	50	07	0
	145	TOR	00	9	28	5	0	0	-	13.8	21.2	65	14	0
	163	HURGHADA	02	9	30	2	2	8	5	14	20	69	14	0
	147	QUSEIR	01	8	32	3	1	5	4	14.4	22.0	57	13	0
	208	PORT SUDAN												
SUDAN	165	WADI HALFA												
	166	KAREIMA												
	167	ATBARA												
	209	KHARTUM												
	170	KASSALA												
	171	WAD MEDANI												
	182	RENK												
	[illegible]	KOSTI												
	174	EL OBEID												
	175	EL FASHER												
	179	GENEINA												
	176	MALAKAL												
	177	WAU												
	178	JUBA												

At 1800 on 7th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARANI	07	7	30	3	6	10	7	22.6	13.4	90	11	4
MATRUH	02	7	32	2	8	8	8	20	14	77	10	R
EL DABA	50	5	28	1	6	10	9		11.1	79	08	13
ALEXANDRIA	03	6	08	2	6	10	9	18.7	14.4	78	10	1
FOUAD (Airport)	25	7	20	1	8	10	8	18.5	14	88	12	k
DAMIETTA	02		30	2	5	8	9	16.6	15.8	81	13	tr
PORT SAID	00	7	30	3	0	2	6	17	17	72	12	[illegible]
EL ARISH												
DAMANHUR	01	6	04	3	1	3	8	18.6	13.4	77	09	0
MANSURA	00	6	32	2	1	0	-	17.6	14.0	84	11	0
TANTA												
ZAGAZIG	00	6	16	2	0	0	-	17.8	18.2	83	15	0
SHIBIN EL KOM	00	7	30	2	0	1	8	23.8	14.4	71	09	0
ISMAILIA	00	6	30	1	0	0	-	16.7	14.8	74	10	0
FAROUK (Airport)	80	7	24	2	2	5	9	18	16	68	10	0
ALMAZA	82	7	26	2	6	9	9	17.6	15.8	68	10	1
EZBEKIYA	62	6	00	0	6	8	7	18.2	13.8	93	13	6
GIZA	62	6	00	0	6	8	7	18.3	13.7	93	13	8
HELWAN	01	7	28	4	1	5	9	18.3	13.9	77	10	0
FAIYUM	02	8	00	0	2	8	7	18.2	15.3	73	10	0
BENI SUEF	00	9	26	1	0	0	-	17.9	14.7	62	08	0
MINYA	00	7	32	2	0	0	-	18	12	59	04	0
ASYUT	00	7	26	1	0	0	-	18.3	14.2	76	10	0
NAG HAMMADI	00	8	28	1	0	0	-		15.6	70	10	0
QENA	01	6	22	4	1	5	4	15.7	16.8	66	11	0
LUXOR	01	7	00	0	1	5	4	16	17	56	08	0
ASWAN	00	9	00	0	0	0	-	15.2	20.0	43	07	0
SIWA	00	6	00	0	0	0	-	21.9	16.4	40	03	0
BAHARIYA	01	7	32	1	1	3	1	20.3	12.5	77	08	0
FARAFRA												
DAKHLA	00	8	28	2	0	0	-		13.3	52	03	0
KHARGA	00	7	30	2	0	0	-	18.7	17.1	40	03	0
SUEZ												
TOR	00	8	28	1	0	0	-	14.8	18.8	56	10	0
HURGHADA	01	8	26	4	1	5	4	15	17	64	10	0
QUSEIR	02	8	30	2	2	8	4	14.7	20.3	58	12	0

At 0600 on WEDNESDAY 8th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Maximum Yesterday TxTx	Diff. from norm.	Minimum Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total From Oct 1	Norm. From Oct 1	Area
SIDI BARANI	13	9	02	3	6	8	6	20.6		15.8	16		11		74	10	24	118		MEDITERRANEAN
MATRUH	07	7	01	4	2	7	8	19		15	18		12		63	08	20	77		
EL DABA	02	7	28	1	2	8	9			17.0	15		11		67	11	21	51		
ALEXANDRIA	02	9	04	1	6	8	9	17.9	-0.7	14.0	21	-1	12	-2	87	12	8	69	54	
FOUAD (Airport)	25	7	06	1	8	10	8	18.1		13	20		12		94	12	12	61		
DAMIETTA	02		28	3	6	8	9	16.0	-1.7	14.0	20		10		94	13	15	40	26	
PORT SAID	01	7	25	4	8	5	8	16		15	20		12		82	12	4	14		
EL ARISH																	0	30	21	
DAMANHUR	01	6	28	2	6	7	8	17.5	-1.1	12.8	20	-3	10	-1	91	11	5	11	21	LOWER EGYPT
MANSURA	01	7	24	2	6	5	9	16.6	-1.7	11.2	22	-1	10	-1	95	10	2	8	11	
TANTA																	0	8	9	
ZAGAZIG	00	6	20	1	1	1	6	16.6	-2.2	10.8	23	+1	8	-1	76	07	0	1	7	
SHIBIN EL KOM	00	7	22	2	5	1	8	17.6	-1.2	12.0	23		6		75	08	tr	4		
ISMAILIA	00	5	24	2	0	0	-	16.6		13.0	23		11		81	10	0	3		
FAROUK (Airport)	01	7	20	2	0	5	5,4	18	—	11	20		11		82	08	tr	tr		CAIRO AREA
ALMAZA	01	7	17	2	0	7	6	17.8	-0.8	11.7	20		10		83	08	1	1		
EZBEKIYA	01	7	18	1	1	5	8,4	18.0	-0.6	11.3	20	-3	10	-1	88	09	6	6	5	
GIZA	01	7	18	1	1	5	8,4	18.4	-0.2	12.9	21	0	9	0	80	10	9	9	7	
HELWAN	01	6	28	2	1	7	8,4	18.8	-0.3	9.9	19	-2	9	-2	94	09	3	4	5	
FAIYUM	01	8	32	2	1	5	6	18.8	-0.2	12.4	21	-2	9	0	74	07	0	tr	0	UPPER EGYPT
BENI SUEF	00	9	18	2	5	0	-	18.6		11.3	21		8		85	08	k	4		
MINYA	05	6	00	0	0	0	-	19		11	21		7		71	06	0	3		
ASYUT	00	7	20	1	0	0	-	20.2	+0.9	11.1	21	-2	9	0	86	09	0	0	2	
NAG HAMMADI	00	8	24	1	0	0	-	17.6	-0.4	13.0	22		8		72	08	0	0		
QENA	00	7	24	3	0	0	-	19.4	+1.4	13.0	20	-6	10	0	76	09	0	tr		
LUXOR	00	8	00	0	0	0	-	18		15	24		10		63	08	0	tr		
ASWAN	01	9	32	2	1	3	4	18.7	+0.8	14.4	25	-1	12	-1	56	05	0	tr		
SIWA	03	7	24	2	2	10	5	22.3	+2.5	12.5	21	-1	9	+3	63	05	0	0	2	OASES
BAHARIYA	01	8	24	1	1	3	8	20.4	+0.6	11.0	19	-4	6	-2	75	07	0	34	2	
FARAFRA																	0	tr		
DAKHLA	00	8	22	2	0	0	-	20.8	+1.3	8.9	20	-4	6	-2	59	01	0	tr		
KHARGA	00	8	00	0	0	0	-	20.8	+2.0	13.8	22	-3	10	+1	69	08	0	0		
SUEZ																	0	12	6	RED SEA
TOR	00	9	04	1	0	0	-	15.9?	-1.2	18.0	21	-3	15	+4	44	05	0	0	4	
HURGHADA	00	9	26	3	0	2	8,4	17		16	20		13		52	06	tr	tr		
QUSEIR	01	8	28	3	1	3	5,4	16.0	-1.0	17.2	23	-2	16	-1	50	06	0	0	4	
PORT SUDAN	01	8	24	7	0	3							19				0	33	64	
WADI HALFA																	0	0		SUDAN
KAREIMA	00	8	02	3	1	2	4	16		18			13		49	07	0	3	1	
ATBARA	00	7	28	3	1	2		13		22			19		25	01	0	7	2	
KHARTUM																	0	10	4	
KASSALA	00	8	00	0	1	8	4	11		23			18		41	15	0	2	8	
WAD MEDANI																	0	11	12	
RENK																	0	0	49	
KOSTI																	0	2	36	
EL OBEID	01	6	30	4	1	5				19			17		30	01	0	0	16	
EL FASHER	00	8	02	3	0	1				17			1		24	-4	0	0	6	
GENEINA	00	8	04	4	0	2	4			16			15		28	-3	0		4	
MALAKAL																	0	69	87	
WAU	02	8	00	0	1	9	64	10		25			22		70	19	0	281	142	
JUBA																	0	118	129	

Humidity

Station	7th	Diff. from normal
Alexandria	73	+8
Ezbekiya	78	+9
Giza	82	+9
Helwan	71	+14

GIZA

on 8th 4.5

Remarks

UPPER AIR OBSERVATIONS on 7th

DD Direction of wind in degrees East of North. VV Velocity in knots

ALMAZA AEROPLANE ASCENT — (Height feet: Surface, 500, 1000, 1500, 2000, 4000, 6000, 8000, 10000, 12000, 14000, 16000, 18000, 20000 — no entries)

FAROUK AIRPORT RAWINSONDE on 8th at 4

Pressure mbs	Height feet	Temp °C	Humidity	Wind DD	Wind VV
Surface	[illegible]	11	86	180	12
1000	480	10	85	180	12
950					
900	3350	9	95	300	19
850	4890	4	95	310	20
800	6500	1	95	310	21
700	9990	-5	65	320	26
600	13910	-12		320	29
500	18400	-32	45	300	23
400					
300	30180	-39	-	290	54
250					
200	39200	-45	-	270	87
150					
100					

Station	MATRUH		MINYA		ALMAZA	
Time	14		15		14	
Height m	DD	VV	DD	VV	DD	VV
200	300	14	360	19	320	5
500	320	17	350	20	330	4
1000	340	21	340	23	330	4
1500	330	10	320	29	350	6
2000	Ent Cu		340	24	350	6
3000					220	7
4000					230	10
5000					230	13
6000					220	16

UPPER AIR OBSERVATIONS on 8th

DD Direction of wind in degrees East of North. VV Velocity in knots

Station	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SAID		FAROUK AIRPORT		ALMAZA		HELWAN		MINYA		ASYUT		LUXOR		ASWAN		[illegible]	
Time	5				3 30				4		09		7 30		3				6		5		5	
Height m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	20	9	330	15	350	20			270	13	260	6	190	5	320	26			310	12	10	14	330	18
500	10	12	340	13	340	18			290	13	290	7	290	10	340	23			340	19	10	22	330	17
1000	360	16	350	26	330	16			300	16	290	7	290	15	330	26			340	27	20	30	340	12
1500	340	12	340	15	340	21			310	17	280	7	290	16	300	22			320	22	350	10	340	15
2000	340	13	340	6	Ent Cu				310	17	Ent Sc		Ent Cu		300	21			320	24	270	8	330	20
3000	Ent Cu		330	20					320	23					320	19							Ent Sc	
4000																								
5000									320	23														
6000									290	22														

Station	BAHARIYA		DAKHLA		KHARGA		HURGHADA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
Time	5		5		6 15		9 15				4		3 15		4						4 30		3 45	
Height m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	310	17	320	11	350	5	330	13					30	15										
500	330	23	340	19	360	16	320	12					20	21	350	20							50	13
1000	330	22	340	22	340	25	310	16			20	18	330	6	10	22					360	14	30	12
1500	330	20	350	17	350	23	320	15			190	8	350	15	350	18					30	12	40	25
2000	320	19			340	16	280	11			250	18	330	13	310	5					50	9		
3000	Ent Cu										240	20			290	9					130	3		
4000											10	22									80	4		
5000											290	10												
6000											240	12									190	5		
7000																								
8000																								

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99
with Hail	94-96
with Duststorm	98
heavy with Hail	99

PAST WEATHER (W)

VISIBILITY (V)

WIND FORCE (F)

WIND DIRECTION (DD)

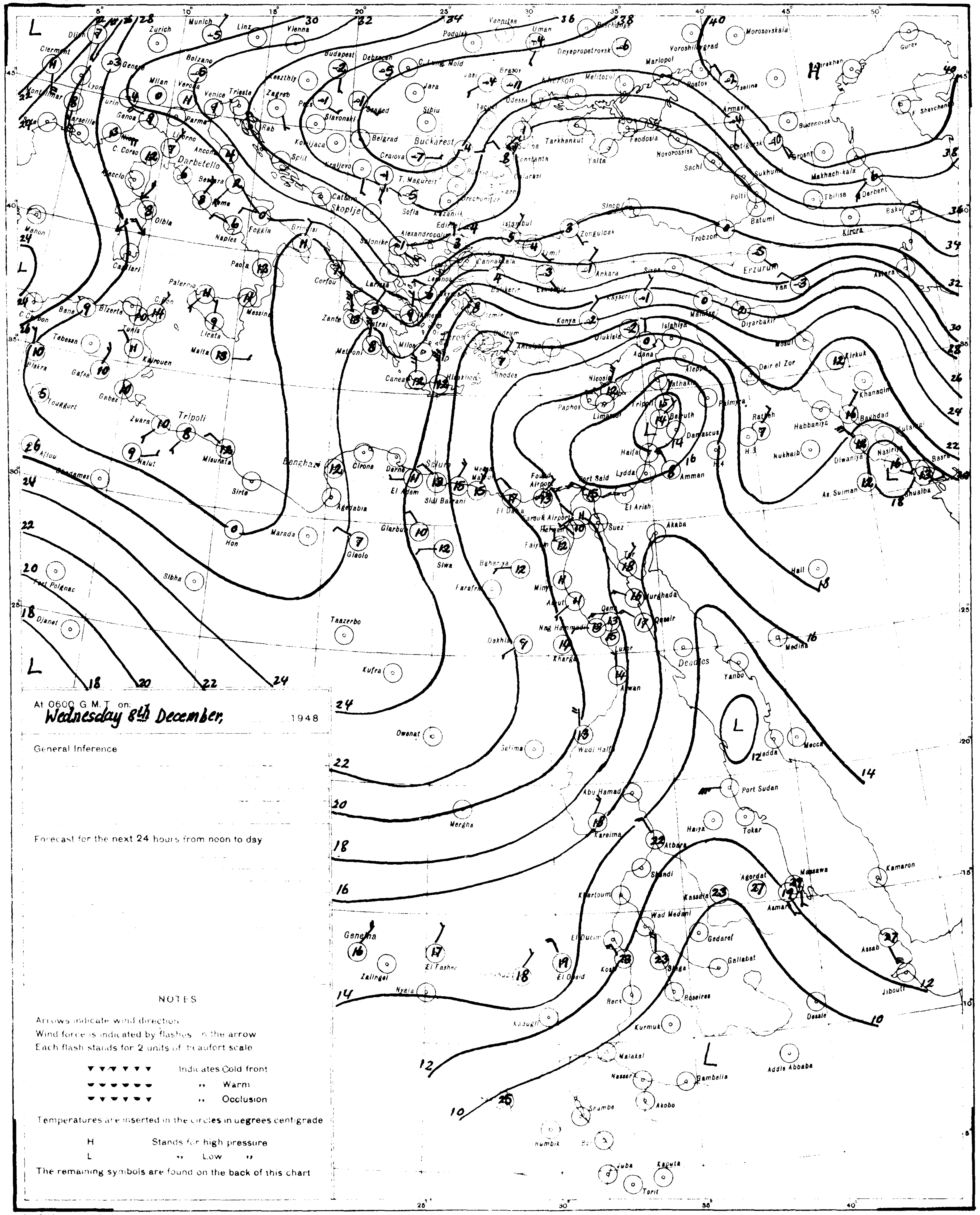
... 32 ... East ... South ... West ... North ... Calm

Printed by ... Egypt 1948 ...

Note: All times G.M.T.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



S.C.E. 9+8(48)/951

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 39 G.M.T.
" " Sunset 14 55 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: THURSDAY 9th DECEMBER, 1948.

At 1200 on WEDNESDAY 8th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARANI	13	9	32	3	6	8	7	20.4	14.5	79	10	4
	160	MATRUH	25	7	30	4	6	8	9	19	15	82	12	[illegible]
	134	EL DABA	50	6	32	1	5	8	9	17.1	16.0	69	10	0
	132	ALEXANDRIA	02	9	04	2	2	8	6	17.1	17.0	54	08	0
	150	FOUAD (Airport)	02	7	04	2	8	8	8	17.4	16	72	11	R
	159	DAMIETTA	02	9	28	3	6	8	9	15.6	17.0	80	14	3
	161	PORT SAID	01	7	28	3	1	5	8,4	16	18	60	10	0
	135	EL ARISH	02	9	20	4	5	9	6	15.0	16.3	81	13	dr
Lower Egypt	136	DAMANHUR	01	7	04	2	5	7	8	17.5	16.0	62	09	tr
	137	MANSURA	01	7	32	2	6	5	9	16.3	17.2	73	12	1
	138	TANTA	03	7	28	3	2	10	7	17.5	17.0	70	12	0
	139	ZAGAZIG	21	6	16	1	5	8	7	16.2	17.2	76	13	dr
		SHIBIN EL KOM	01	8	22	3	1	5	9	16.6	18.2	41	04	0
		ISMAILIA	01	6	26	2	1	5	6	15.8	18.3	58	09	0
Cairo Area	928	FAROUK (Airport)	01	8	24	4	1	7		16	18	52	08	0
	141	ALMAZA	01	7	24	3	1	7	6	16.2	18.2	52	08	0
		EZBEKIYA	50	7	24	2	5	10	9	16.8	18.6	51	09	dr
		GIZA	50	7	24	2	5	10	9	17.2	17.0	70	11	dr
	143	HELWAN	50	7	00	0	5	8	9	17.1	16.7	66	11	dr
Upper Egypt	153	FAIYUM	01	8	02	2	1	5	6	17.8	19.9	50	09	0
		BENI SUEF	02	9	26	1	0	8	9	17.2	19.6	56	11	0
	162	MINYA	01	8	30	3	1	5	8	18	19	46	07	0
	155	ASYUT	00	8	20	1	0	0	-	18.0	18.2	62	08	0
	164	NAG HAMMADI	00	8	28	1	0	0	-	15.5	19.6	49	09	0
	156	QENA	01	8	26	2	0	3	1	16.7	20.0	47	08	0
	157	LUXOR	00	8	28	2	0	0	-	17	20	43	07	0
	158	ASWAN	00	9	30	2	0	0	-	16.8	20.2	34	04	0
Oases	148	SIWA	02	8	32	3	1	9	4	21.6	20.5	45	08	0
	149	BAHARIYA	01	8	24	1	1	5	8	19.1	19.0	46	07	0
		FARAFRA	02	8	28	2	1	8	8	19.1	16.5	76	12	0
	152	DAKHLA	01	9	26	2	1	5	4	18.7	19.0	33	02	0
	151	KHARGA	00	8	32	2	0	0	-	18.2	19.4	37	04	0
Red Sea	144	SUEZ	02	7	28	1	2	8	8	15.1	20.0	43	07	0
	145	TOR	00	8	28	4	0	0	-	16.8	20.0	55	11	0
	163	HURGHADA	00	9	30	3	0	tr	8	16	19	64	12	0
	147	QUSEIR	00	8	32	3	0	0	-	15.5	21.4	39	06	0
	208	PORT SUDAN												
Sudan	165	WADI HALFA												
	166	KAREIMA												
	167	ATBARA												
	209	KHARTUM												
	170	KASSALA												
	171	WAD MEDANI												
	182	RENK												
	[illegible]	ROSEIRES												
	173	EL OBEID												
	175	EL FASHER												
	179	GENEINA												
	176	MALAKAL												
	177	WAU												
	[illegible]	JUBA												

At 1800 on 8th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARANI	13	8	30	3	6	5	6	19.6	14.9	60	07	2
MATRUH	01	7	02	4	1	7	8	20	15	63	08	0
EL DABA	60	5	24	1	6	10	9		14.3	66	08	14
ALEXANDRIA	01	6	08	2	5	7	9	18.6	14.4	74	09	dr
FOUAD (Airport)	81	7	32	1	8	9	8	18.5	13	88	11	dr
DAMIETTA	01		22	2	6	3	9		13.2	94	12	6
PORT SAID	81	7	29	4	2	10	8	18	13	95	13	tr
EL ARISH	07	8	18	1	5	9	6	17.9	14.4	88	12	dr
DAMANHUR	02	6	04	2	5	9	9	18.6	13.6	85	12	dr
MANSURA	50	5	28	2	5	5	9	18.3	13.8	86	12	dr
TANTA	02	7	00	0	2	8	8	19.4	12.7	82	10	0
ZAGAZIG	01	6	00	0	0	3	8	19.2	11.2	93	10	0
SHIBIN EL KOM	01	7	22	2	5	3	6	18.4	13.6	69	08	dr
ISMAILIA	02	5	26	2	5	8	6	17.2	15.1	73	10	dr
FAROUK (Airport)	00	7	24	1	0	[illegible]	6	19	13	80	10	0
ALMAZA	00	7	26	2	1	1	6	18.7	13.5	72	08	0
EZBEKIYA	01	7	00	0	0	3	6	19.1	13.2	77	09	0
GIZA	01	7	00	0	6	3	6	18.8	12.4	76	08	2
HELWAN	05	5	28	2	6	5	6	18.8	13.4	71	08	2
FAIYUM	00	8	00	0	5	2	6	19.0	13.2	80	10	tr
BENI SUEF	00	9	30	1	0	0	-	18.6	14.2	77	10	0
MINYA	01	7	00	0	6	5	6	19	13	72	08	T
ASYUT	00	6	20	1	0	0	-	19.8	[illegible]	38	[illegible]	0
NAG HAMMADI												
QENA	00	6	27	2	1	0	-	19.1	13.6	75	10	0
LUXOR	00	7	19	1	0	0	-	19	14	59	06	0
ASWAN	00	9	00	0	0	0	-	19.2	18.0	36	03	0
SIWA	00	6	00	0	0	0	-	22.0	15.2	50	05	0
BAHARIYA	00	7	32	1	1	0	-	20.4	14.0	67	08	0
FARAFRA												
DAKHLA	00	8	24	1	0	0	-	20.5	13.4	54	04	0
KHARGA	00	7	00	0	0	0	-	20.8	14.2	55	05	0
SUEZ	01		00	0	1	5	8	16.7	16.0	62	09	0
TOR	00	8	28	3	0	0	-	16.8	18.0	52	08	0
HURGHADA	00	8	26	2	0	0	-	17	18	60	10	0
QUSEIR	00	8	32	2	0	0	-	16.7	18.4	50	07	0

At 0600 on THURSDAY 9th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Maximum Yesterday T_xT_x	Diff. from norm.	Minimum Today T_nT_n	Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total from Oct. 1	Norm. from Oct. 1	Area
SIDI BARANI	13	8	32	4	1	9	6	20.2		15.0	17		11		66	09	6	124		Mediterranean
MATRUH	25	7	24	3		8	8	21		12	19		11		88	10	9	85		
EL DABA	02	6	28	1	2	8	9	19.8		15.1	16		11		76	11	14	65		
ALEXANDRIA	01	9	28	4	2	5	8	19.0	+0.4	15.6	19	-3	13	0	55	07	5	74	56	
FOUAD (Airport)	01	8	28	3	1	7	8,4	18.8		16	18		12		52	06	tr	61		
DAMIETTA	01		18	2	1	3	8	18.8	+1.0	11.4	18		8		93	10	11	51	27	
PORT SAID	00	7	20	5	0	2	8	19		13	18		12		88	10	1	15		
EL ARISH	00	9	20	2	0	2	8	19.0	+0.4	12.9	20	-2	10	-0	81	11	dr	30	22	
DAMANHUR	01	5	24	2	5	5	8	19.4	+0.8	11.6	19	-3	9	-2	84	09	2	13	21	Lower Egypt
MANSURA	01	7	20	1	1	5	6	19.1	+0.8	11.0	19	-4	9	-2	87	09	1	9	11	
TANTA	00	8	00	0	1	0	-	20.0	+1.1	10.7	20	-3	7	-2	90	09	0	8	9	
ZAGAZIG	00	6	20	3	0	0	-	19.6	+0.7	10.2	20	-2	8	-1	90	08	dr	1	7	
SHIBIN EL KOM	00	7	28	2	0	1	8			11.8	20		6		78	08	dr	4		
ISMAILIA	01	5	22	3	1	5	5	19.8		12.0	21		10		79	08	dr	3		
FAROUK (Airport)	00	7	20	2	0	1	6	20		11	20		9		84	08	0	dr		Cairo Area
ALMAZA	00	7	18	3	0	2	6	20.2	+1.6	11.2	18		9		80	08	0	1		
EZBEKIYA	00	7	00	0	0	1	6	21.0	+2.4	10.3	21	-1	9	-2	89	08	dr	6	5	
GIZA	00	7	00	0	0	1	6	21.1	+2.4	11.0	22	0	8	-1	87	09	2	11	7	
HELWAN	09	6	28	[illegible]	0	[illegible]	8	21.5	+2.4	9.2	18	-3	8	-3	92	08	2	6	5	
FAIYUM	01	8	00	0	1	5	6	21.6	+2.5	11.0	22	-1	8	-1	80	08	tr	tr	0	Upper Egypt
BENI SUEF	00	9	16	1	0	0	-	21.9		10.4	21		6		84	07	0	tr		
MINYA	05	5	28	1	0	0	-	22		10	20		6		76	06	tr	4		
ASYUT	00	7	22	1	0	0	-	22.3	+3.0	11.4	19	-3	8	-1	71	06	0	0	2	
NAG HAMMADI	00	8	00	0	0	0	-	21.8	+3.7	11.6	21		5		80	09	0	0		
QENA	00	7	24	2	0	0	-	21.8	+3.5	11.3	21	-5	8	-2	77	07	0	dr		
LUXOR	00	8	00	0	0	0	-	21		11			7		71	06	0	dr		
ASWAN	00	9	00	0	0	0	-	21.2	+3.2	14.0	21	-5	9	-4	57	06	0	dr		
SIWA	03	7	00	0	2	10	4	23.4	+3.5	12.1	21	-1	7	+1	66	06	0	0	2	Oases
BAHARIYA	01	8	24	1	1	3	4	22.4	+2.6	9.6	20	-2	4	-3	79	06	0	dr	3	
FARAFRA																	0	dr		
DAKHLA	00	8	20	1	0	0	-	22.0	+2.5	10.0	20	-4	6	-2	69	05	0	dr		
KHARGA	00	8	00	0	0	0	-	22.6	+3.8	11.9	20	-5	5	-4	75	08	0	0		
SUEZ	00	7	00	0	0	2	6	19.4	+1.4	11.0	22	-1	9	-3	85	09	0	12	6	Red Sea
TOR	00	9	04	2	0	0	-	19.9	+2.7	13.5	20	-4	13	+2	74	07	0	0	4	
HURGHADA	00	9	26	1	0	2	8	20		16	20		10		52	06	0	dr		
QUSEIR	01	8	26	3	0	3	3	19.1	+2.0	17.3	24	-1	14	-3	47	05	0	0	4	
PORT SUDAN																	0	33	65	
WADI HALFA																	0	0		Sudan
KAREIMA																	0	3	1	
ATBARA																	0	7	2	
KHARTUM																	0	10	4	
KASSALA																	0	2	8	
WAD MEDANI																	0	11	12	
RENK																	0	0	49	
ROSEIRES																	0	2	36	
EL OBEID																	0	0	16	
EL FASHER																	0	0	6	
GENEINA																	0		4	
MALAKAL																	R	69	87	
WAU																	0	261	142	
JUBA																	0	118	130	

HUMIDITY
Mean [illegible]

Station	8th	from normal
Alexandria	76	+11
Ezbekiya	75	+6
Giza	71	-2
Helwan	77	+20

GIZA
Grass Min. Temp. on 9th 3.5

Remarks

ALMAZA
AEROPLANE ASCENT

Height feet	Pressure	Dry	Wet
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT
RAWINSONDE on 9th at 3

Pressure mbs.	Height feet	Temp. °C	Humidity %	Wind DD	Wind VV
1017		10	79	190	10
1000	530	10	86	190	10
950					
900	3400	8	75	300	24
850	4940	4	75	290	27
800	6650	1	75	280	20
700	10040	-4	45	280	27
600	13960	-11	-	280	44
500	18500	-17	-	290	64
400					
300	30420	-54	-		
250					
200	39140	-51	-		
150					
100	43760	-56	-		

UPPER AIR OBSERVATIONS on 8th
DD Direction of wind in degrees East of North. VV Velocity in knots

Station	FOUAD A.P		ALMAZA		MINYA	
Time	15		14 15		14 45	
Height m	DD	VV	DD	VV	DD	VV
200	30	22	310	5	290	16
500	30	22	310	5	290	12
1000	40	27	290	5	290	10
1500	50	23	280	6	290	10
2000	30	28	300	7		
3000			270	10		
4000			Ent Cu			

UPPER AIR OBSERVATIONS on 9th
DD Direction of wind in degrees East of North. VV Velocity in knots

Station	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SAID		FAROUK AIRPORT		ALMAZA		HELWAN		MINYA		ASYUT		LUXOR		ASWAN		[illegible]	
Time	5		5 15						3				7 30		3				6		5		5	
Height m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	340	11	10	8					250	13			170	7	340	8			320	1	30	8	320	7
500	340	10	360	22					280	17			250	10	330	9			350	10	30	19	280	8
1000	340	11	350	26					300	20			300	14	320	14			350	17	30	24	290	13
1500	Ent Cb		Ent Cb						270	24			310	23	310	20			360	16	40	16	290	15
2000									270	17			300	19	290	17			310	8	340	5	320	7
3000									280	23					300	26			280	17	260	16	Ent As	
4000																								
5000									290	37														
6000									290	58														
8000																								

Station	BAHARIYA		DAKHLA		KHARGA		HURGHADA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
Time	5		5		6 15		9																	
Height m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	290	9	330	19	10	8	340	13																
500	310	16	360	13	360	14	320	14																
1000	310	15	10	15	360	16	280	13																
1500	300	20	10	13	360	12	290	10																
2000	330	23	350	16			310	21																
3000	290	19					290	21																
4000	310	28																						
5000																								
6000																								
7000																								
8000																								

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, Thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at
50 metres 0
200 [illegible]
500 [illegible]
1 Kilometre [illegible]
[illegible]

CLOUD FORM (C)

[illegible]

WIND FORCE (F)

[illegible]

WIND DIRECTION (DD)

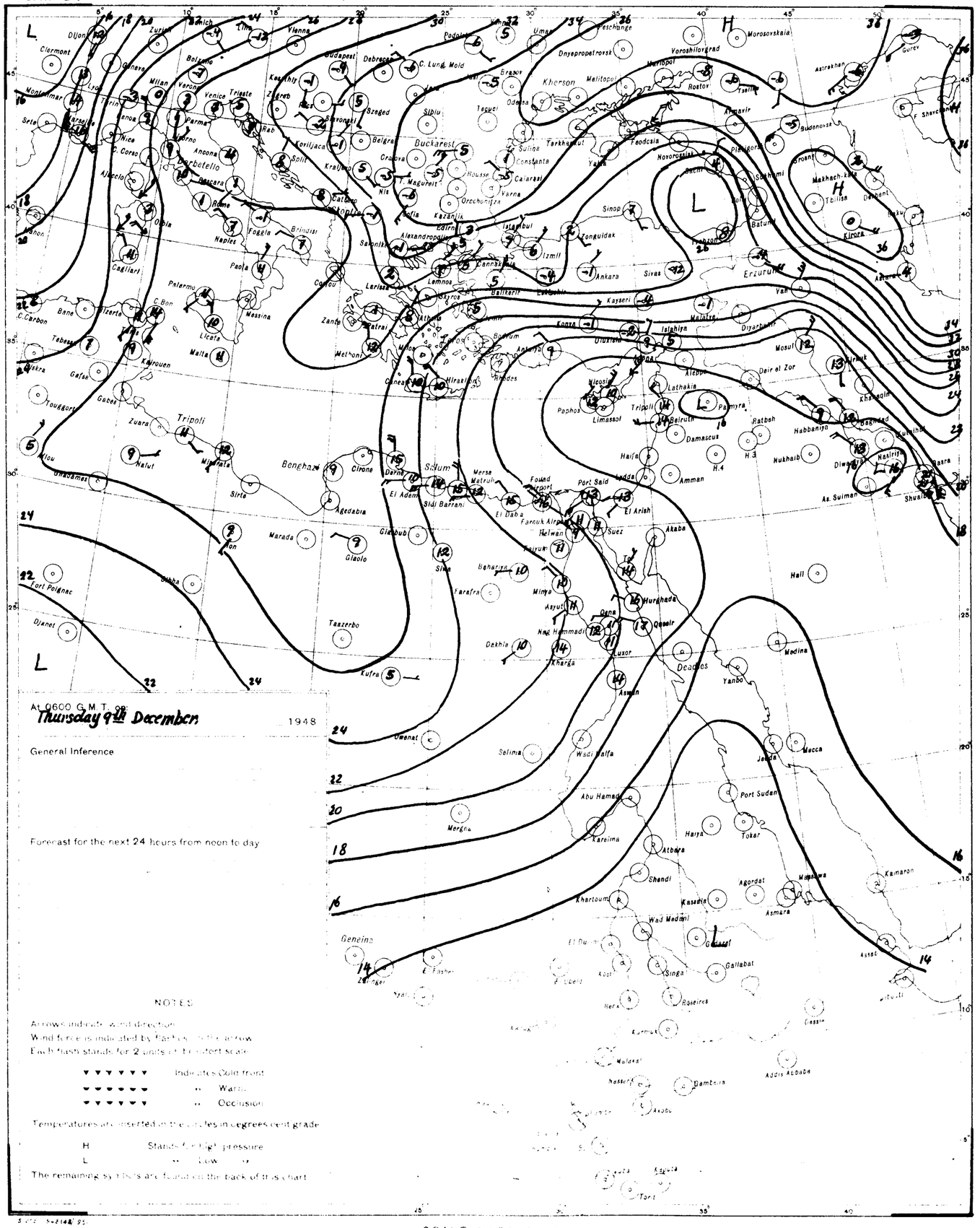
[illegible] 32 [illegible]
[illegible] East 16 = South
[illegible] West 32 = North
00 = Calm

Printed by the [illegible] of Egypt 1948 [illegible]

Note: All times G.M.T.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on

Thursday 9th December 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction

Wind force is indicated by flashes on the arrow

Each flash stands for 2 units of the Beaufort scale

▼ ▼ ▼ ▼ ▼ ▼ Indicates Cold front

▼ ▼ ▼ ▼ ▼ ▼ " Warm "

▼ ▼ ▼ ▼ ▼ ▼ " Occlusion "

Temperatures are inserted on the circles in degrees cent grade

H Stands for High pressure

L " " Low "

The remaining symbols are found on the back of this chart

SCALE 1:50,000,000

CAIRO

Time of Sunrise 04 40 G.M.T.

" " Sunset 14 56 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: FRIDAY 10th DECEMBER, 1948.

At 1200 on THURSDAY 9th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
MEDITERRANEAN	146	SIDI BARANI	13	8			6	10	7	21.4	14.9	76	10	2
	160	MATRUH	01	7	02	3	6	7	8	22	16	59	08	1
	134	EL DABA	20	7	28	2	6	10	9		16.0	54	07	–
	132	ALEXANDRIA	02	9	30	4	2	8	8	19.2	16.6	52	06	0
	150	FOUAD (Airport)	01	8	26	4	2	5	6	19.2	18	49	07	0
	159	DAMIETTA	01	8	24	3	5	5	8	17.9	17.0			tr
	161	PORT SA'ID	00	8	26	4	0	1	9	18	18	56	09	0
	135	EL 'ARISH	01	9	16	5	1	3	8	18.3	1			0
LOWER EGYPT	136	DAMANHUR	01	7	24	4	5	3	8	19.6	16.0	73	11	k
	137	MANSURA	01	8	24	2	1	5	8	19.1	18.0	66	12	0
	138	TANTA	02	8	20	3	2	8	8	19.9	15.6	77	12	0
	139	ZAGAZIG	01	6	00	0	0	3	8	20.3	16.2	87	14	0
		SHIBIN EL KOM	21	7	22	3	5	5	9		17.4	38	0	tr
		ISMAILIA	01	6	22	3	1	7	8	19.0	18.7	44	06	0
CAIRO AREA	628	FAROUK (Airport)	81	6	20	3	0	10	9	20	13	80	11	0
	141	ALMAZA	81	7	26	2	8	10	8	20.5	14.0	78	10	1
		EZBEKIYA	03	7	32	1	5	10	6	20.8	14.8	74	10	tr
		GIZA	03	7	32	1	5	10	6	20.8	15.5	71	11	tr
	143	HELWAN	03	7	24	3	2	10	9	20.3	15.0	65	07	0
UPPER EGYPT	153	FAIYUM	03	8	32	1	2	10	7	20.8	17.0	62	09	0
		BENI SUEF	03	9	30	1	1	10	6	21.0	18.2	58	09	0
	162	MINYA	01	8	27	2	0	5	8	21	20	43	07	0
	155	ASYUT	01	8	20	1	1	3	1	20.6	18.2	43	05	0
	164	NAG HAMMADI	00	8	24	1	0	0	-	18.0	21.9	40	08	0
	156	QENA	00	8	24	2	0	0	-	19.5	20.6	47	08	0
	157	LUXOR	00	8	26	2	0	0	-	19	20	30	02	0
	158	ASWAN	00	9	32	2	0	0	-	19.0	20.2	42	07	0
OASES	148	SIWA	00	8	28	2	0	0	-	23.5	19.3	54	10	0
	149	BAHARIYA	02	8	32	1	1	8	4	21.5	17.0	47	06	0
		FARAFRA	02	8	30	2	1	8	9	22.6	18.	48	07	0
	152	DAKHLA	01	9	30	3	0	5	8	21.5	18.4	35	03	0
	151	KHARGA	00	8	02	1	0	0	-	20.7	20.0	41	06	0
RED SEA	144	SUEZ	02	8	28	2	2	9	8	18.6	18.9	39	05	0
	145	TOR	00	9	28	4	0	0	-	19.2	20.5	52	10	0
	163	HURGHADA	00	9	30	3	0	1	8	19	19	64	12	0
	147	QUSEIR	03	8	02	3	0	k	3	18.4	21.0	41	07	0
	208	PORT SUDAN	12	7	02	5	5	7	6	12	27	70	21	0
SUDAN	165	WADI HALFA												
	166	KAREIMA	00	8	02	3	0	0	-	12	27	20	02	0
	167	ATBARA	00	7	30	3	0	0	-	10	31	31	12	0
	200	KHARTUM	00	8	02	4	0	0	-	10	31	33	13	0
	170	KASSALA	14	7	02	4	0	0	-	6	33	30	13	0
	171	WAD MEDANI	00	8	02	3	0	0	-	8	33	26	11	0
	182	RENK	00	9	04	3	0	0	-	8	31	59	22	0
		ROSEIRES	00	8	30	2	0	0	-	8	37	18	09	0
	174	EL OBEID	00	8	02	4	0	0	-	9	31	24	08	0
	175	EL FASHER	00	8	02	3	1	k	1		27	23	04	0
		GENEINA	00	8	04	4	0	1	1		29	12	-3	0
	176	MALAKAL												
		WAU	02	8	04	3	1	10	2	6	33	21	08	0
		JUBA	02	8	04	3	1	10	8,2	4	36	25	13	0

At 1800 on 9th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARANI												
MATRUH	01	7	31	2	2	7	8	23	14	52	04	0
EL DABA	02	6	28	1	2	8	9		14.7	62	08	0
ALEXANDRIA	01	6	28	3	5	7	9	21.5	15.0	60	07	tr
FOUAD (Airport)	01	7	26	2	1	7	8	20.9	15	68	09	1
DAMIETTA	60		20	3	5	9	9	19.2	12.5	89	10	tr
PORT SA'ID	01	7	22	5	1	7	8	20	14	77	10	0
EL 'ARISH	00	9	16	4	0	0	-	19.6	14.3	72	09	0
DAMANHUR	02	6	24	3	2	8	8	20.4	11.6	88	09	0
MANSURA	01	6	20	2	1	5	8	21.1	12.0	91	11	0
TANTA	02	8	20	1	2	8	8	21.5	12.0	82	09	0
ZAGAZIG	00	6	00	0	0	0	-	20.6	12.2	89	10	0
SHIBIN EL KOM	00	7	22	2	1	1	8	17.5	14.6	71	10	0
ISMAILIA	00	6	18	1	5	0	-	21.0	13.5	74	09	1
FAROUK (Airport)	02	7	23	3	2	8	6,4	22	12	88	11	0
ALMAZA	81	7	18	3	2	10	8	22.1	13.0	86	08	0
EZBEKIYA	01	7	00	0	5	3	6	22.0	12.7	88	11	k
GIZA	01	7	00	0	5	3	6	22.2	12.0	93	11	1
HELWAN	50	6	00	0	5	9	7	22.6	12.4	85	07	tr
FAIYUM	03	8	00	0	2	10	7	22.2	17.4	75	13	0
BENI SUEF	02	9	12	1	0	8	6	21.8	14.7	77	11	0
MINYA	01	7	00	0	1	5	6	22	13	67	07	0
ASYUT	00	6	26	1	1	0	-	22.4	12.9	67	07	0
NAG HAMMADI	00	8	00	0	0	0	-	20.0	14.0	69	08	0
QENA												
LUXOR	02	7	28	1	0	10	2	20	16	45	04	0
ASWAN	00	9	32	2	0	0	-	20.2	17	36	02	0
SIWA	00	6	00	0	0	0	-	24.3	14.5	64	07	0
BAHARIYA	02	7	00	0	1	5	4	22.3	12.5	63	06	0
FARAFRA	01	7	30	1	1	3	9	23.4	12.5	61	05	0
DAKHLA	02	8	28	3	2	8	6,5	22.4	13.9	45	02	0
KHARGA	00	7	32	1	0	0	-	22.4	14.4	51	04	0
SUEZ	02		00	0	2	9	6	20.6	15.7	61	09	0
TOR	00	8	28	2	0	0	-	19.6	15.5	54	07	0
HURGHADA	00	8	25	2	0	0	-	20	14	55	05	0
QUSEIR	01	8	30	3	0	3	3	19.5	20.0	47	09	0

At 0600 on FRIDAY 10th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Max. Yesterday TxTx	Max. Diff. from norm.	Min. Today TnTn	Min. Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total from Oct. 1	Norm. from Oct. 1	Station	Area
SIDI BARANI																	2	126		SIDI BARANI	MEDITERRANEAN
MATRUH	92	7	[illegible]	2	8	10	1	22		11	17				82	08	3	88		MATRUH	
EL DABA	20	7	20	2	6	10	9			11.4					87	09	3	68		EL DABA	
ALEXANDRIA	01	9	32	3	2	7	8	20.7	+2.1	16.0	20	-1	13	0	46	04	tr	74	58	ALEXANDRIA	
FOUAD (Airport)	01	8	30	2	1	7	8	20.7		16	18		13		49	05	3	64		FOUAD (Airport)	
DAMIETTA	60		28	2	6	9	9	19.6	+1.8	13.1	18		9		95	12	4	55	28	DAMIETTA	
PORT SA'ID	01	7	16	4	2	5	8	20		14	18		12		82	11	0	15		PORT SA'ID	
EL 'ARISH	01	9	18	2	1	7	8	19.8	+1.2	13.3	20	-2	10	0	72	08	0	30	22	EL 'ARISH	
DAMANHUR	02	6	24	3	2	8	8	19.2	+0.6	11.4	18	-4	9	-1	83	10	k	14	22	DAMANHUR	LOWER EGYPT
MANSURA	03	7	24	1	2	5	6	20.3	+1.9	13.2	20	-2	9	-1	87	11	0	9	12	MANSURA	
TANTA	02	8	20	1	2	8	8	21.4	+2.4	10.6	19	-3	5	-4	87	09	0	8	7	TANTA	
ZAGAZIG	01	6	20	2	1	5	2	21.8	+2.9	9.2	19	-3	7	-2	87	07	0	1	7	ZAGAZIG	
SHIBIN EL KOM	01	7	28	2	1	3	8	17.8	-1.0	12.2	20		4		74	08	tr	4		SHIBIN EL KOM	
ISMAILIA	01	6	22	2	1	5	5	22.0		12.0	19		10		76	08	1	4		ISMAILIA	
FAROUK (Airport)	02	7	24	2	1	8	6	22		11						09	0	tr		FAROUK (Airport)	CAIRO AREA
ALMAZA	02	7	18	1	1	8	6	21.2	+2.5	11.1	16		8		74	07	1	2		ALMAZA	
EZBEKIYA	09	5	00	0	2	9	6	21.8	+3.1	10.4	16	-6	9	-2	84	07	k	6	5	EZBEKIYA	
GIZA	09	5	00	0	2	9	6	21.8	+3.0	9.8	18	-4	7	-1	89	08	1	12	7	GIZA	
HELWAN	09	5	00	0	1	5	6	22.3	+3.1	9.8	16	-5	7	-4	87	07	tr	6	5	HELWAN	
FAIYUM	00	8	00	0	0	0	-	21.9	+2.7	11.9	19	-4	8	-1	83	08	0	tr	0	FAIYUM	UPPER EGYPT
BENI SUEF	00	9	18	1	0	0	-	22.4		15.2	18		8		75	08	0	tr		BENI SUEF	
MINYA	01	7	30	1	1	3	6	22		12	21		7		77	08	0	4		MINYA	
ASYUT	00	7	20	1	0	0	-	22.4	+3.0	12.0	19	-3	7	-2	65	06	0	3	2	ASYUT	
NAG HAMMADI	00	8	00	0	0	0	-	19.8	+1.6	11.2	22		6		72	06	0	0		NAG HAMMADI	
QENA	01	7	24	2	1	5	4	21.0	+2.6	11.3	21	-5	7	-3	70	06	0	tr		QENA	
LUXOR	01	8	00	0	1	5	4	21		12	22		6		47	01	0	tr		LUXOR	
ASWAN	02	9	32	2	1	8	4	20.6	+2.5	13.0	22	-4	10	-3	74	08	0	tr		ASWAN	
SIWA	03	7	00	0	2	10	4	23.3	+3.4	11.5	20	-2	8	+2	70	06	0	0	2	SIWA	OASES
BAHARIYA	02	8	28	1	1	8	8	22.7	+2.8	10.0	20	-2	8	+1	68	04	0	tr	3	BAHARIYA	
FARAFRA	10	8	18	1	0	3	9	14.6		10.7	18		4		63	04	0	tr		FARAFRA	
DAKHLA	00		24	1	0	0	-	21.9	+2.3	9.4	19	-5	6	-2	56	01	0	tr		DAKHLA	
KHARGA	00	8	00	0	0	0	-	22.6	+3.7	13.0	20	-5	7	-2	59	05	0	0		KHARGA	
SUEZ	00	6	06	2	0	2	8	20.4	+2.4	11.0	21	-2	9	-3	82	08	0	12	7	SUEZ	RED SEA
TOR	00	9	04	2	1	2		19.0	+1.7	14.4	21	-3	9	-2	54	05	0	0	4	TOR	
HURGHADA	06	9	24	2	0	7	8	20		14	20		9		55	05	tr	tr	2	HURGHADA	
QUSEIR	02	8	30	4	2	8	4	19.5	+2.3	16.7	21	-4	14	-3	48	06	0	0	4	QUSEIR	
PORT SUDAN	02	8	30	4	1	9	6	16		25			23		58	16	0	33	66	PORT SUDAN	
WADI HALFA																	0	0		WADI HALFA	SUDAN
KAREIMA	00	8	32	2	0	0	-	17		15					34	01	0	3	1	KAREIMA	
ATBARA	00	7	30	2	0	0	-	15		17					40	05	0	7	2	ATBARA	
KHARTUM	00	8	30	4	0	k	1	14		19			17		32	02	0	10	4	KHARTUM	
KASSALA	00	8	04	2	0	0	-	11					20				0	2	8	KASSALA	
WAD MEDANI	00	9	32	3	0	0	-	13		21					50	10	0	11	12	WAD MEDANI	
RENK																	0	0	49	RENK	
ROSEIRES	00	8	32	3	0	0	-	9		22					53	12	0	2	36	ROSEIRES	
EL OBEID	00	8	30	4	0	0	-	16		17			14		39	03	0	0	16	EL OBEID	
EL FASHER	00	8	00	0	0	1	4						13			02	0	0	6	EL FASHER	
GENEINA																			4	GENEINA	
MALAKAL																	0	69	87	MALAKAL	
WAU																	0	261	142	WAU	
JUBA																	0	118	131	JUBA	

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

UPPER AIR OBSERVATIONS of 9th

DD = Direction of wind in degrees East of North. VV = Velocity in knots.

Humidity 9th

Station	9th	Diff.
Alexandria	53	-12
Ezbekiya	81	+12
Giza	83	+10
Helwan	77	+20

GIZA: 10th 2.0

Remarks

ALMAZA — Aeroplane Ascent

FAROUK AIRPORT — Radiosonde, Time 10 76, 3

Pressure	Height	Temp.	Hum.	Wind DD	Wind VV
Surface		9	77	80	8
1000	550	9	75	180	8
900	3410	6	75	300	15
850	4930	6	65	300	17
800	6560	5	45	330	8
700	10010	-3	-	300	28
600	14050	-8	-	270	14
500	18600	-18	-	260	62
400					
300	30490	-44	-		
250					
200	39230	-51	-		

Height	MINYA (15) DD	VV	MATRUH (13 45) DD	VV	Almaza (14 15) DD	VV	FOUAD A.P. (15) DD	VV
200	320	5	340	17	310	4	320	13
500	340	5	330	13	280	5	340	15
1000	330	10	340	17	260	9	310	17
1500	320	14	310	11	250	9	320	23
2000	ENT.Sc		290	12	Ent.Ac		310	25

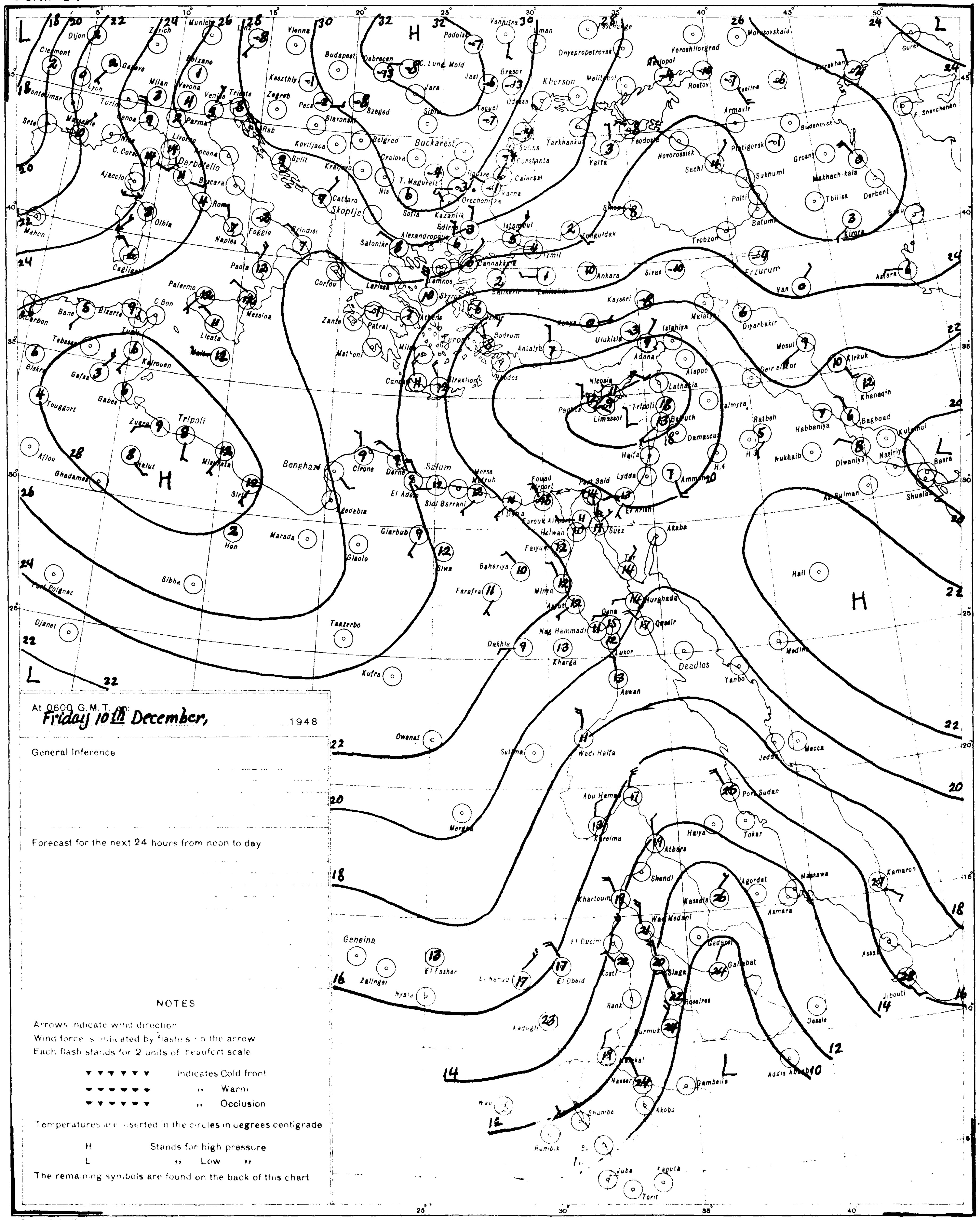
UPPER AIR OBSERVATIONS of 10th

Height	SIDI BARANI (5) DD	VV	FOUAD AIRPORT (4) DD	VV	FAROUK AIRPORT (3) DD	VV	MINYA (3) DD	VV	(5) DD	VV
200	280	7	330	14	260	7	20	20	340	13
500	320	11	330	22	310	10	20	23	340	8
1000	340	13	320	10	300	12	10	25	20	10
1500	Ent Cb		310	18	300	15	340	27	310	7
2000					330	7	340	25	320	9
3000					300	24				
4000										
5000					270	31				
6000					280	45				

BAHARIYA 5		DAKHLA 5		KHARGA 6 45		HURGHADA 9 30		ABU HAMAD 4		KHARTUM 4 15		3 30		4 30	
10	3	360	9	10	11	340	23								
40	8	10	14	20	16	340	32	50	16			350	19		
360	7	10	16	20	16	290	14	10	8	30	28	20	25	10	12
340	14	20	18	20	12	280	8	10	6	10	21	40	23	80	15
340	13	Ent.Cu		290	3					10	21	60	21	70	15
320	18			260	14									00	05
Ent.Cu															

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



S o/t 948(48) 95

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 41 G.M.T.

" " Sunset 14 56 G.M.T.

MINISTRY OF NATIONAL DEFENCE. METEOROLOGICAL DEPARTMENT, EGYPT

Form 91

DAILY WEATHER REPORT

Date : *Saturday 11th December* , 1948.

At 1200 on Friday 10th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 6-12 G.M.T. mms
MEDITERRANEAN	146	SIDI BARANI	13	9	24	3	6	8	9,4	17.6	15.5	59	8	3
	160	MATRUH	25	7	27	2	8	8	8	22	14	77	10	K
	134	EL DABA	20	7	20	1	6	10	9		15.0	70	10	2
	132	ALEXANDRIA	03	9	16	4	5	10	9	20.0	13.6	82	11	Dr.
	150	FOUAD (Airport)	81	7	21	4	8	9	9,4	20	14	88	12	0
	159	DAMIETTA	03	7	28	2	5	10	9	18.7	15.9	72	11	Dr.
	161	PORT SAID	02	8	29	4	8	12	8	19	17			0
	165	EL ARISH	01	9	28	5	1	5	6	18.6	18.7	61	11	0
	136	DAMANHUR	01	7	24	3	1	3	8	21.1	19.2	48	8	0
	137	MANSURA	02	8	28	2	2	5	6	19.4	18.5	48	7	0
	138	TANTA	02	8	20	3	2	8	8	19.9	19.2	65	12	0
	139	ZAGAZIG	02	6			1	8	8	20.3	18.5	90	16	0
		SHIBIN EL KOM	01	8	22	3	1	5	8		20.4	36	4	0
		ISMAILIA	02	6	26	2	2	8	6	20.7	19.0	46	7	0
	628	FAROUK (Airport)	01	8	26	4	0	5	6	20	17	60	9	0
	341	ALMAZA	01	8	26	3	0	5	8	19.7	18.0	44	10	0
		EZBEKIYA	01	8	30	1	1	5	8	20.3	18.3	44	5	0
		GIZA	01	8	30	1	1	5	8	19.9	16.4	68	10	0
	343	HELWAN	01	8	26	3	1	5	8	20.0	16.5	42	3	0
		FAIYUM	03	8	32	2	2	10	6	20.4	16.8	57	8	0
		BENI SUEF	02	9	26	1	0	8	9,4	17.2	19.6	56	11	0
		MINIA	01	8	32	3	1	7	6	21	19	37	4	0
		ASYUT	01	7	26	1	1	5	1	20.7	18.0	44	5	0
		NAG HAMMADI	00	8	24	2	0	0	–	18.0	20.9	38	6	0
		QENA	00	8	24	2	1	0	–	18.4	19.4	40	5	0
		LUXOR	00	8	28	2	0	1	2	18	20	32	5	0
		ASWAN	02	9	32	2	1	8	4	17.6	19.8	44	7	0
		SIWA	00	8	00	0	0	0	–	22.8	19.2	55	10	0
		BAHARIYA	02	8	32	1	1	8	4	21.6	17.3	45	5	0
		FARAFRA	02	7	28	2	1	8	8	22.3	17.6	50	7	0
		DAKHLA	00	9	28	2	0	0	–	20.0	18.4	34	2	0
		KHARGA	00	8	02	2	0	0	–	19.7	16.2	35	1	0
			01	6	16	1	1	5	8	18.3	17.9	57	9	0
			00	8	28	4	0	0	–	18.2	18.9	61	11	0
			00	9	30	3	1	0	–	18	19	52	9	0
			00	8	32	3	1	0	–	18.0	19.7	50	9	0
			02	8	02	4	1	8	6	12	28	79	24	0
			00	7	02	4	0	0	–	6	23	50	12	0
			00	8	32	4	0	0	–	10	29	13	-2	0
			01	8	02	3	0	3	8,4		29	20	4	0
			00	8	32	4	0	7			21	23	-1	0
			00	8	32	3	0	1	4	7	33	28	12	0
			01	8	02	3	1	10	8,1	5	36	27	14	0

At 1800 on Friday 10th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 12-18 G.M.T. mms
SIDI BARANI	61	8	30	4	2	10	7	19.1	14.8	61	7	Dr.
MATRUH	01	7	23	2	8	5	8	22	12	86	10	11
EL DABA	20	6	20	1	6	8	9		13.8	73	9	1
ALEXANDRIA	02	6	16	3	6	8	9	20.8	13.6	82	11	9
FOUAD (Airport)	25	7	22	2	8	8	8,4	20.5	12	94	12	13
DAMIETTA	00		20	3	0	2	8	19.6	11.9	90	10	0
PORT SAID	00	7	25	5	1	1	9	20	14	82	11	Dr.
EL ARISH	02	8	20	2	2	9	6	19.4	14.8	76	11	0
DAMANHUR	02	6	24	2	5	8	8	20.4	12.8	89	11	Dr.
MANSURA	02	6	24	2	2	8	6	19.8	12.8	80	10	0
TANTA	01	8	20	1	2	7	6,4	21.0	14.3	84	11	0
ZAGAZIG	00	6	00	0	0	0	–	21.4	10.8			0
SHIBIN EL KOM	01	7	22	2	1	2	8	17.9	14.4	67	8	0
ISMAILIA	01	5	26	2	1	2	4	20.0	14.2	67	8	0
FAROUK (Airport)	00	8	26	2	1	0	–	21	12	82	9	0
ALMAZA	01	7	26	2	1	3	5,1	21.0	12.7	69	8	0
EZBEKIYA	00	7	00	0	0	2	8	21.0	12.4	72	7	0
GIZA	00	7	00	0	0	2	8	21.2	11.0	83	8	0
HELWAN	00	8	28	2	0	0	–	20.8	13.3	63	6	0
FAIYUM	02	8	02	1	2	8	7	21.2	12.0	80	9	0
BENI SUEF	02	9	18	1	0	5	8,4	20.8	13.9	67	8	0
MINIA	01	7	02	3	1	7	6	21	14	55	5	0
ASYUT	00	6	22	1	0	0	–	21.6	11.9	66	6	0
NAG HAMMADI	00	8	00	0	0	0	–	19.2	13.9	61	7	0
QENA	00	6	24	2	0	0	–	20.0	15.2	47	4	0
LUXOR	00	8	29	2	0	0	–	19	15	48	4	0
ASWAN	00	9	32	1	0	0	–	18.8	17.6	42	5	0
SIWA	00	6	00	0	0	0	–	23.3	14.3	59	6	0
BAHARIYA	03	7	28	1	2	9	4	22.0	14.0	67	8	0
FARAFRA	01	7	30	1	1	3	4,6	22.8	10.5	67	4	0
DAKHLA	00	8	24	2	0	0	–	2	12.4	45	0	0
KHARGA	00	7	00	0	0	0	–	21.4	13.3	50	3	0
	01		26	4	1	5	8	19.5	15.3	58	7	0
	00	8	28	3	0	0	–	18.6	17.0	52	7	0
	00	8	28	4	0	0	–	18	18	52	8	0
	00	8	30	3	0	0	–	17.4	17.3	55	8	0

At 0600 on Saturday 11th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs PPP	Diff from normal mbs	Dry Bulb TT	Max. Yesterday TxTx	Diff from norm.	Min. Today TnTn	Diff from norm.	Humidity % UU	Dew Point °C	Rainfall Past 24 hrs	Total From Oct 1	Norm. From Oct 1
SIDI BARANI	13	8	26	3	2	8	6	20.6		14.4	17		12		58	6	3	129	
MATRUH	01	7	24	4	1	5	8	20		11	17		10		82	8	11	99	
EL DABA	01	7	20	2	1	7	9			11.7	15		9		79	8	0	75	
ALEXANDRIA	02	9	20	3	6	9	9	19.0	+0.4	14.0	17	-4	11	-2	67	8	10	84	60
FOUAD (Airport)	82	7	20	3	8	10	8	18.6		12	17		10		94	11	17	81	
DAMIETTA	02		18	2	2	8	6	18.4	+0.6	11.9	16		9		90	10	Dr.	55	28
PORT SAID	02	7	23	4	1	9	8	18		12	18		11		88	10	Dr.	15	
EL ARISH	01	9	20	3	1	5	8	19.0	+0.3	12.9	19	-2			69	7	0	30	23
DAMANHUR	01	6	24	2	6	7	8	19.5	+0.9	11.6	20	-2	10	-5	96	11	2	16	22
MANSURA	01	7	20	1	1	5	4	19.0	+0.6	10.0	20	-2	8	-2	94	9	0	9	12
TANTA	02	8	20	1	2	8	8	19.8	+0.8	11.6	21	-1	7	-2	94	11	0	8	9
ZAGAZIG	01	6	20	2	1	5	6	19.6	+0.6	11.4	22	0	7	-2	86	9	0	1	8
SHIBIN EL KOM	01	7	22	2	1	5	8	19.6	+0.7	11.4	22		7		78	7	0	4	
ISMAILIA	01	5	24	2	1	5	6	19.5		13.0	20		9		73	8	0	4	
FAROUK (Airport)	05	6	18	2	1	5	4	20		11	18		9		82	8	0	Dr.	
ALMAZA	05	6	18	3	0	8	6,4	20.1		12.7	19		9		67	7	0	2	
EZBEKIYA	01	7	00	0	1	5	6,4	20.4	+1.6	10.9	20	-2	9	-2	82	8	0	6	5
GIZA	01	7	00	0	1	5	6,4	20.4	+1.6	10.8	20	-1	8	0	82	8	0	12	7
HELWAN	01	5	00	0	1	7	4	20.0	+0.8	11.3	17	-4	8	-3	73	6	0	6	5
FAIYUM	01	8	28	2	1	5	6	21.2	+2.0	12.8	18	-5	10	+1	68	7	0	tr.	1
BENI SUEF	00	9	20	1	0	0	–	20.8		11.7	20		7		72	7	0	tr.	
MINIA	01	7	29	3	1	5	4	21		12	20		7		63	5	0	4	
ASYUT	00	7	20	1	0	0	–	21.5	+2.1	12.6	20	-2	7	-1	59	5	0	0	2
NAG HAMMADI	00	8	00	0	0	0	–	21.1	+2.8	11.8	22		4		63	5	0	0	
QENA	00	7	24	2	0	0	–	20.6	+2.2	12.0	21	-4	7	-3	61	5	0	Dr.	
LUXOR	01	8	18	1	1	3	5	20		11	21		5		51	5	0	Dr.	
ASWAN	02	9	32	2	1	5	4	20.8	+2.6	11.5	20	-6	9	-3	47	1	0	Dr.	
SIWA	00	7	00	0	0	0	–	23.5	+3.6	12.4	20	-2	8	+2	64	5	0	0	2
BAHARIYA	00	8	28	1	0	0	–	22.0	+2.1	10.8	19	-3	5	-2	71	6	0	Dr.	3
FARAFRA	01	8	30	1	1	5	9,4	23.3		13.5	19		6		73	9	0	Dr.	
DAKHLA	00	8	22	1	0	0	–	22.0	+2.3	8.7	19	-5	5	-3	55	0	0	Dr.	
KHARGA	00	8	00	0	0	0	–	[illegible]	[illegible]	11.0	20	-5	6	-3	65	5	0	0	
	00	7	04	2	0	0	–	19.9	+1.8	10.7	20	-2	7	-5	77	7	0	12	7
	00	9	28	2	0	0	–	17.5	+0.2	16.2	20	-3	13	+2	51	6	0	0	5
	00	9	23	2	0	1	8	18		14	19		9		48	3	0	Dr.	
	01	8	28	3	1	3	4	18.0	+0.8	15.2	21	-4	12	-5	47	4	0	0	4
	02	8	31	4	1	8	9,4,1	14		24					84	21	0	33	67
																	0	0	
	00	8	30	2	1	1	2	19		13					38	-1	0	3	1
	00	7	28	3	0	1	1	16		17					37	2	0	7	2
	00	8	32	4	0	1		16		17					42	4	0	10	4
	00	7	00	0	1	0	–	12		25					61	17	0	2	8
																	0	11	12
																	0	0	49
																	0	2	36
	01	8	30	4	1	7		15		17					34	1	0	0	16
	01	8	03	3	0	5	4,1			15					48	4	0	0	6
	02	8	04	5	0	9	4			14			13		63	7			
																	0	69	87
																	0	261	142
																	0	118	132

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
[illegible]	[illegible]
Slight Thunderstorm	28
Heavy Thunderstorm	29
Dust Devil	[illegible]

10th

59 -6

71 +2

79 +6

70 +13

11th 3.8

11th 3

	10	82	190	10
530	12	85	190	10
3420	9	85	260	12
4970	5	85	300	12
6590	2	75	290	13
10100	-2		300	27
14100	-7		280	33
18670	-19		260	39
30510	-44		90	24

10th

Matruh 14		Almaza 14		Fouad Ap. 14 45		Minya 15	
330	11	320	5	260	9	350	16
320	19	330	4	310	10	340	17
320	20	330	4	330	20	330	17
320	22	350	6	320	14	300	17
Ent Se.		350	6			Ent. Sc.	
		220	7				
		230	10				
		220	16				

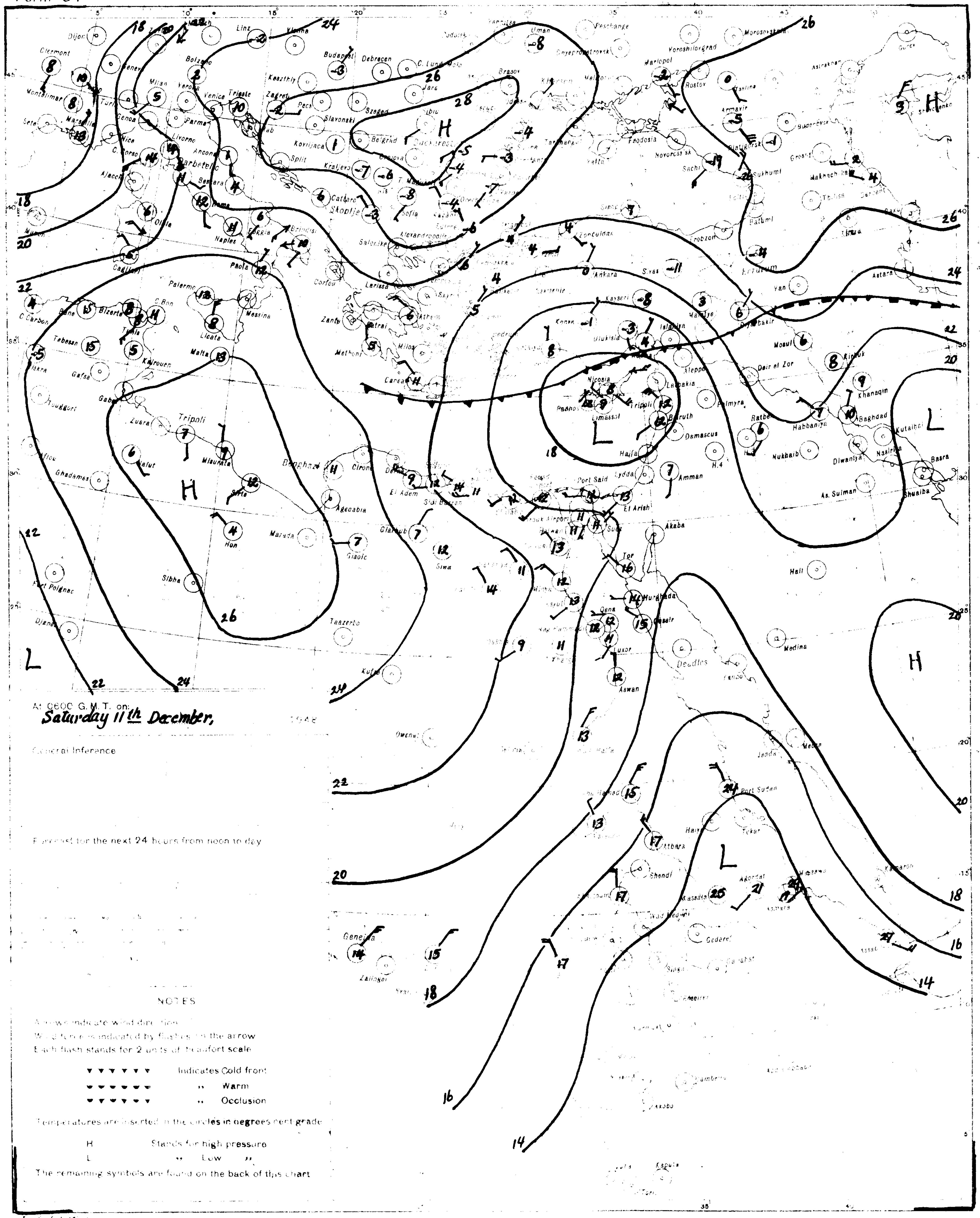
11th

5		4 45		3		9		9 45		3		6		5		5	
310	28	290	24	250	10	250	3	170	10	340	10	340	10	10	10	300	16
310	16	300	32	270	11	250	5	180	8	320	23	350	20	360	22	310	16
310	24	310	26	210	10	230	5	Ent Se		330	11	350	17	[illegible]	27	280	17
330	16	320	19	300	10	240	7			340		350	18	330	14	320	23
Ent. Ns.				290	12							280	15	210	3	310	25
				310	19									270	24	310	30
																310	28
				60	28												

5		5		6		9	
320	14	340	12	20	2	340	29
320	20	350	17	20	16	320	16
330	20	350	16	20	20	310	10
340	25	350	17	350	16	280	17
340	41	350	16	270	16		
330	16						

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: *Saturday 11th December,* 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction

Wind force is indicated by flashes on the arrow

Each flash stands for 2 units of Beaufort scale

▼ ▼ ▼ ▼ ▼ ▼ Indicates Cold front

▼ ▼ ▼ ▼ ▼ ▼ ,, Warm

▼ ▼ ▼ ▼ ▼ ▼ ,, Occlusion

Temperatures are inserted in the circles in degrees cent grade

H Stands for high pressure

L ,, Low ,,

The remaining symbols are found on the back of this chart

CAIRO
Time of Sunrise 04 41 G.M.T.
" " Sunset 14 56 G.M.T

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: *Sunday 12th December*, 1948.

At 1200 on Saturday 11th

Index	Station	Present weather ww	Visibility V	Wind Direction DD	Wind Force F	Past weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew point °C	Rain 6-12 G.M.T. mms
146	SIDI BARANI	14	9	26	4	2	8	7,4	19.9	16.1	57	8	0
160	MATRUH	02	7	30	5	8	9	8	19	16	52	6	Tr
134	EL DABA	20	8	28	2	6	10	9,4	17.5	15.4	59	7	3
132	ALEXANDRIA	02	9	28	3	5	8	9	17.1	16.0	52	6	Dr.
150	FOUAD (Airport)	02	7	30	2	2	8	8	17.1	16	64	9	0
159	DAMIETTA	02	8	18	3	2	8	8	16.0	16.9	70	11	0
161	PORT SA'ID	01	8	26	4	1	5	8,4	17	17	60	9	0
135	EL ARISH	01	9	18	4	1	5	8	16.7	18.8	51	9	0
136	DAMANHUR	01	7	28	3	1	5	4	17.8	16.2	63	9	0
137	MANSURA	01	8	24	2	1	5	8	16.7	19.0	48	8	0
138	TANTA	01	8	20	4	1	5	8	18.0	18.5	50	8	0
139	ZAGAZIG	01	6	24	3	1	5	8	17.6	17.8	57	9	0
	SHIBIN EL KOM	01	8	28	4	1	3	8	19.2	16.8	38	2?	0
	ISMAILIA	01	6	24	1	1	7	6	16.6	17.6	54	9	0
928	FAROUK (Airport)	02	8	24	4	1	8	8	17	17	52	7	0
141	ALMAZA	01	7	26	3	1	5	8	17.4	17.2	41	4	0
	EZBEKIYA	02	8	26	2	2	9	8	17.8	17.4	39	3	0
	GIZA	02	8	26	2	2	9	8	17.8	18.5	49	7	0
143	HELWAN	02	8	26	3	2	8	6	17.6	17.6	42	5	0
	FAIYUM	01	8	02	2	1	5	6	18.3	18.0	42	5	0
	BENI SUEF	02	9	30	1	0	5	6,4	18.3	19.8	43	7	0
	MINYA	01	8	30	4	1	3	8	19	20	30	2	0
	ASYUT	01	7	22	1	1	5	5	19.1	17.1	42	4	0
	NAG HAMMADI	00	8	24	1	0	0	–	17.4	19.5	37	5	0
	QENA	01	8	22	2	0	3	1	17.1	19.0	40	5	0
	LUXOR	00	8	27	3	0	1	8,4,1	17	19	37	4	0
	ASWAN	02	9	30	3	1	8	4	17.9	17.8	42	5	0
	SIWA	00	8	28	2	0	0	–	22.4	18.5	51	8	0
	BAHARIYA	02	8	24	1	1	5	4	20.6	17.0	43	4	0
	FARAFRA												
	DAKHLA	01	9	28	4	0	3	1	19.6	18.2	27	-1	0
	KHARGA	00	8	30	1	0	0	–	21.5	18.2	31	0	0
144	[illegible]	01	6	00	0	2	9	9	16.3	17.1	57	8	0
	TOR	00	8	28	5	0	0	–	16.0	19.0	54	10	0
	HURGHADA	00	9	30	4	0	2	8,1	16	19	49	8	0
	QUSEIR	00	8	32	3	0	1	3	16.3	19.6	42	6	0
	PORT SUDAN												

At 1800 on 11th

Station	ww	V	DD	F	W	Cloud Amount 0-10	C	PPP	TT	UU	Dew point °C	Rain 12-18 G.M.T. mms
SIDI BARANI	14	8	28	3	2	10	9	20.3	15.0	60	7	0
MATRUH	01	7	26	3	2	7	6	20	12	77	8	0
EL DABA	20	7	28	2	6	10	9	16.8	14.3	56	5	5
ALEXANDRIA	01	6	28	4	5	5	9	18.0	14.7	54	6	Dr.
FOUAD (Airport)	01	7	28	2	8	3	8,4	18.0	14	67	8	Tr.
DAMIETTA	03		20	2	2	10	6	16.7	13.0	83	10	0
PORT SA'ID	02	7	26	4	2	9	8,4	18	14	77	10	0
EL ARISH	07	8	16	1	5	3	8	15.2	13.2	80	10	Dr.
DAMANHUR	01	6	24	2	5	3	8	18.0	11.8	91	11	Dr.
MANSURA	00	6	20	2	1	0	–	17.8	12.0	83	9	0
TANTA	01	8	00	0	1	5	8	18.7	10.6	93	10	0
ZAGAZIG	01	6	00	0	0	5	8	18.6	12.4	90	10	0
SHIBIN EL KOM	00	7	08	2	1	1	8	19.9	14.1	74	9	0
ISMAILIA												
FAROUK (Airport)	02	7	22	3	1	8	4	19	14	77	10	0
ALMAZA	02	7	24	2	1	8	8	18.5	14.2	65	8	0
EZBEKIYA	02	7	00	0	2	9	8	18.8	14.0	67	8	Dr.
GIZA	02	7	00	0	2	9	8	19.0	13.0	87	11	0
HELWAN	01	7	28	1	1	7	6	19.1	13.9	66	8	0
FAIYUM	01	8	00	0	0	3	6	19.5	13.6	50	4	0
BENI SUEF	00	9	28	1	0	0	–	19.5	13.7	61	7	0
MINYA	01	7	28	3	2	5	6	20	14	55	5	0
ASYUT	00	6	20	1	1	0	–	21.1	11.8	56	3	0
NAG HAMMADI	00	8	00	0	0	0	–	17.9	12.4	61	5	0
QENA	0	6	24	2	1	1	1	20.0	14.4	53	5	0
LUXOR	00	7	28	2	0	1	2	19	15	39	1	0
ASWAN	02	9	32	2	1	8	4	19.8	15.0	49	4	0
SIWA	00	6	00	0	0	0	–	22.2	14.8	55	6	0
BAHARIYA	00	7	28	1	1	0	–	21.1	13.3	52	3	0
FARAFRA	03	7	28	2	2	8	8	22.3	13.3	57	5	0
DAKHLA	03	8	28	1	1	8	6,5	21.4	12.8	55	4	0
KHARGA	00	7	32	1	0	0	–	21.9	13.2	43	1	0
144 [illegible]	01		26	2	1	5	8	18.2	14.4	55	5	0
TOR	00	8	00	0	0	0	–	16.8	17.0	54	8	0
HURGHADA	00	8	26	3	0	0	–	18	17	60	9	0
QUSEIR	00	8	30	3	0	0	–	17.4	17.0	52	7	0

At 0600 on Sunday 12th

Station	ww	V	DD	F	W	Cloud Amount 0-10	C	Bar. M.S.L. mbs. PPP	Diff. from normal mbs	Dry Bulb TT	Max. Yesterday TxTx	Diff. from norm.	Min. Today TnTn	Diff. from norm.	Humidity % UU	Dew point °C	Rainfall Past 24 hrs	Total from Oct. 1	Norm. from Oct. 1
SIDI BARANI	13	9	26	3	2	8	6	20.0		16.1	17		12		62	9	0	129	
MATRUH	01	7	26	4	1	7	6	19		11	17		10		82	8	tr.	100	
EL DABA	01	7	24	2	1	5	9	18.2		12.4	16		9		70	7	8	83	
ALEXANDRIA	01	9	28	4	2	7	8	17.9	-0.7	15.8	16	-5	12	-1	52	6	Dr.	84	62
FOUAD (Airport)	01	7	28	3	1	5	8	17.6		16	17		14		59	8	Tr.	81	
DAMIETTA	6		20	3	6	8	9	16.6	-1.3	15.3	18		8		94	10	1	56	29
PORT SA'ID	00	7	24	5	0	2	9	17		13	18		11		77	9	0	15	
EL ARISH	01	9	20	5	1	5	6	17.1	-1.6	11.8	19	-2	10	+1	83	9	Dr.	30	23
DAMANHUR	01	5	26	2	6	7	8	17.6	-1.1	11.0	19	-3	9	-1	92	10	2	18	23
MANSURA	01	7	20	2	1	5	6	17.6	-0.8	11.0	20	-2	9	-1	87	9	0	9	12
TANTA	0	8	20	5	1	1	8	18.7	-0.3	10.8	19	-3	7	-2	89	9	0	8	10
ZAGAZIG	01	6	20	2	1	5	6	18.8	-0.2	9.8	21	-1	8	-1	95	9	0	1	8
SHIBIN EL KOM	01	7	28	2	1	3	8	19.4	+0.5	11.2	19		7		78	7	0	4	
ISMAILIA	01	5	22	3	1	3	4	18.0		12.4	19		10		73	7	Dr.	4	
FAROUK (Airport)	00	7	20	3	0	0	–	19		11	18		10		94	10	0	Dr.	
ALMAZA	00	7	18	3	1	2	6	19.2		11.0	18		10		75	7	0	2	
EZBEKIYA	00	7	00	0	0	tr.	4	19.5	+0.7	10.6	19	-3	10	-1	80	8	Dr.	6	6
GIZA	00	7	00	0	0	tr.	4	19.5	+0.7	11.4	20	-1	8	0	75	7	0	12	7
HELWAN	00	6	16	2	0	2	4	19.9	+0.6	9.6	18	-3	9	-1	76	6	0	6	5
FAIYUM	01	8	18	2	1	5	6	20.7	+1.4	10.5	20	-3	8	-1	65	4	0	tr.	1
BENI SUEF	02	9	18	1	0	5	8,4	20.7		10.9	20		7		72	6	0	tr.	
MINYA	00	7	22	1	0	Tr.	1	21		8	20		5		71	12	0	4	
ASYUT	00	7	20	1	0	0	–	22.0	+2.5	10.2	19	-3	6	-2	60	3	0	0	2
NAG HAMMADI	00	8	00	0	0	0	–	20.7	+2.3	13.2	20		3		53	4	0	0	
QENA	00	7	24	2	1	0	–	21.2	+2.7	10.8	20	-5	[illegible]	-3	65	5	0	Dr.	
LUXOR	00	8	18	1	0	0	–	21		11	20		5		54	2	0	Dr.	
ASWAN	00	9	32	2	0	0	–	21.4	+3.2	12.2	19	-7	8	-4	43	0	0	Dr.	
SIWA	00	7	00	0	0	0	–	22.8	+2.8	9.0	19	-3	5	-1	73	4	0	0	2
BAHARIYA	00	8	24	2	0	0	–	21.8	+1.8	10.0	18	-4	6	-1	74	6	0	Dr.	3
FARAFRA	02	8	08	1	1	5	6,4	23.3		11.9	18		4		72	7	0	Dr.	
DAKHLA	03	8	24	1	2	9	8,4	21.9	+2.1	9.3	18	-6	5	-2	61	2	0	Dr.	
KHARGA	00	8	00	0	0	0	–	22.0	+3.0	9.3	19	-6	4	-5	67	3	0	0	
144 [illegible]	01	7	20	2	1	3	8	18.2	+0.1	13.9	18	-4	10	-1	68	8	0	12	7
TOR	00	9	04	2	0	0	–	20.2	+2.8	14.2	20	-3	8	-2	67	8	0	0	5
HURGHADA	00	9	22	2	0	2	8	19		13	19		8		44	1	0	Dr.	
QUSEIR	01	8	24	3	0	3	3	19.0	+1.7	15.0	20	-5	13	-4	62	8	0	0	4
PORT SUDAN	02		30	5	2	10	2	15							78		0	33	68
WADI HALFA																			
KAREIMA	00	8	32	3	1	2	2	19		13			9		38	-1	0	3	1
ATBARA	01	7	28	3	1	3	2	16		15			13		32	-2	0	7	2
KHARTOUM	00	8	30	3	0	tr.	2	16		16			14		52	6	0	18	4
KASSALA	00	8	30	1	0	0	–	13		19			14		49	8	0	2	8
WAD MEDANI	00	9	32	5	0	0	–	15		17					34	1	0	11	12
[illegible]																		0	49
[illegible]																		2	36
[illegible]	01	8	30	4	1	5	2	16		15			11		25	-5		0	16
[illegible]	01	8	02	3	0	3	2			13			10		38	-1		0	6
[illegible]	02	8	04	4	1	10	2			13			11		36	-2			4
MALAKAL																		69	87
WAU																		261	142
[illegible]																		118	133

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder no rain	11
Distant Duststorm	12

11th
56 -9
67 -2
78 +5
65 +8

12th 4.2

Upper winds 11th

Matruh Ap. 14 15	Fouad Ap. 14 30	Minya Ap. 14 30
310 15	320 18	300 25
320 22	330 19	310 23
310 27	330 25	320 16
370 21	300 30	320 21
310 20	Ent. Cu.	Ent. Sc.

Upper winds 12th

5	11 45	3 30	3 45	4	7 30	3	6	5	5
320 15	290 18	300 15	260 11	280 13	190 12	320 19	330 9	360 10	320 18
320 16	310 17	310 17	250 11	290 16	210 7	320 27	360 16	10 19	330 17
320 16	320 17	310 21	240 9	290 17	290 17	320 24	350 16	20 19	340 16
Ent. Cb.	360 45			310 19	320 19	320 38	350 19	10 24	330 21
				310 26	330 23	360 22	330 19	320 5	340 19
				310 38				310 10	360 21
				300 58					
				300 56					

5	5	3	9 15	4	3 45	4 30
310 17	340 11	360 6	340 13			
320 24	350 17	350 16	310 8	10 29	360 9	
320 22	350 16	340 16	300 9	20 17	40 8	30 12
320 23	350 11	240 9	320 15	230 4	40 6	20 12
350 21		260 10	310 15	270 13	40 10	360 5
350 23			300 22	240 12	300 6	130 2
330 30					270 11	140 7

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on

Sunday 12th December, 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of Beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

S. of E. 1548(48)/951

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 42 G.M.T.
" " Sunset 14 56 G.M.T.

MINISTRY OF NATIONAL DEFENCE — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: MONDAY 13th DECEMBER, 1948.

At 1200 on SUNDAY 12th

Index	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 6-12 G.M.T. mms
146	SIDI BARANI	02	8	28	2	2	8	9	19.2	17.3	62	10	0
160	MATRUH	01	8	30	4	1	7	6	19	18	52	08	0
134	EL DABA	21	7	24	1	5	8	9		17.0	67	11	dr
132	ALEXANDRIA	01	9	28	3	2	5	8	17.5	18.0	48	07	0
150	FOUAD (Airport)	01	7	28	3	1	5	8	17.4	18	60	10	0
159	DAMIETTA	01	8	28	2	5	5	8	16.3	17.6	67	12	dr
161	PORT SAID	25	7	31	4	8	10	8	17	15	77	11	R
135	EL ARISH	01	9	24	6	8	7	8	17.2	15.9	63	09	1
136	DAMANHUR	01	7	28	3	1	5	8	18.0	18.2	54	09	0
127	MANSURA	60	7	28	2	6	10	9	17.5	13.5	95	13	3
138	TANTA	01	8	24	4	1	5	8	18.4	19.0	50	08	0
139	ZAGAZIG	01	6	08	2	6	7	7	18.4	15.2	100	15	2
	SHIBIN EL KOM	01	8	22	2	1	5	8	17.8	19.2	38	04	0
	ISMAILIA	01	6	24	3	1	5	4	17.5	16.8	60	09	0
828	FAROUK (Airport)	01	7	22	3	1	5	6	17	18	54	07	0
141	ALMAZA	01	9	24	2	1	5	8	17.8	19.2	43	07	0
	EZBEKIYA	01	8	24	2	5	5	8	18.0	19.5	42	06	dr
	GIZA	01	8	24	2	5	5	8	18.3	19.0	44	06	dr
143	HELWAN	01	8	14	2	1	5	6	16.8	16.7	54	08	0
153	FAIYUM	01	8	22	2	1	5	6	18.8	20.0	46	08	0
	BENI SUEF	02	9	30	1	0	8	8	19.0	19.8	48	09	0
[illegible]	MINYA	00	8	30	2	0	1	8	19	19	37	04	0
[illegible]	ASYUT	00	8	22	1	0	0	-	19.9	17.3	41	04	0
[illegible]	NAG HAMMADI	00	8	24	1	0	0	-	17.8	19.6	41	06	0
[illegible]	QENA	00	8	26	2	0	0	-	18.2	18.4	39	04	0
[illegible]	LUXOR	00	8	28	2	0	0	-	19	18	49	04	0
[illegible]	ASWAN	00	9	32	2	0	0	-	18.3	17	36	02	0
[illegible]	SIWA	00	8	00	0	0	0	-	22.3	18.5	52	08	0
[illegible]	BAHARIYA	01	8	28	1	1	5	8	20.3	17.3	45	05	0
	FARAFRA	00	8	30	2	1	k		21.6	16.8	53	07	0
[illegible]	DAKHLA	00	9	28	1	0	0	-	19.0	17.3	41	04	0
[illegible]	KHARGA	00	8	30	1	0	0	-	19.4	19.0	32	02	0
144	SUEZ	01	6	24	2	1	7	9	16.7	16.9	58	08	0
[illegible]	TOR	00	8	28	3	0	0	-	16.3	18.2	55	09	0
[illegible]	HURGHADA	00	9	30	1	0	1	8	18	18	52	08	0
[illegible]	QUSEIR	01	8	32	3	0	3	8	17.6	19.0	46	07	0
[illegible]	PORT SUDAN	03	7	25	5	1	10	6	12	26	79	22	0
[illegible]	WADI HALFA												
[illegible]	KAREIMA	01	8	02	3	[illegible]	5	2	15	22	44	09	0
[illegible]	ATBARA	01	7	32	3	1	3	1	12	26	35	09	0
[illegible]	KHARTOUM												
[illegible]	KASSALA	00	9	32	1	0	0	-	8	31	38	15	0
	WAD MEDANI	01	8	32	2	0	3	3	10	29	35	12	0
[illegible]	[illegible]	00	9	04	3	0	0	-	10				
	[illegible]	00	8	28	2	0	0	-		32	26	10	0
	[illegible]	00	9	32	4	1	1	2	9	23	14	-6	0
	[illegible]	00	8	04	3	1	5	2		26	27	05	0
	GENEINA	02	7	03	1	1	8	2		32	27	04	0
	MALAKAL												
	WAU	02	7	08	1	1	9	2	7	33	19	06	0
	[illegible]												

At 1800 on 12th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs PPP	Temp. °C TT	Humidity UU	Dew Point	Rain 12-18 G.M.T. mms
SIDI BARANI	03	8	22	2	2	10	9	19.6	14.8	78	11	0
MATRUH	01	7	22	3	1	5	6	19	13	88	11	0
EL DABA	01	6	24	1	1	5	9		15	72	10	0
ALEXANDRIA	01	6	28	2	5	5	6	18.3	16.6	[illegible]		dr
FOUAD (Airport)	01	7	26	2	1	5	6	18.5	16	68	10	0
DAMIETTA	01		20	2	6	3	8	17.5	12.0	89	10	1
PORT SAID	00	7	24	3	8	1	8	18	14	77	10	R
EL ARISH	00	9	24	1	0	2	8	17.5	14.2	75	10	0
DAMANHUR	01	6	28	3	1	3	8	18.6	12.8	87	11	0
MANSURA	01	5	24	2	5	5	9	18.8	11.8	85	10	dr
TANTA	01	8	24	1	1	5	8	19.9	12.0	96	11	c
ZAGAZIG	01	6	24	2	0	3	8	18.6	11.4	90	09	0
SHIBIN EL KOM	00	7	22	2	0	0	-	19.0	13.8	66	08	0
ISMAILIA	00	5	22	1	0	0	-	19.1	11.6	89	10	0
FAROUK (Airport)	01	7	22	2	1	3	6	19	14	75	09	0
ALMAZA	00	7	23	2	1	2	4	19.7	13.9	69	08	0
EZBEKIYA	00	7	00	0	0	2	4	19.6	13.4	75	09	0
GIZA	00	7	00	0	0	2	4	19.6	11.7	89	10	0
HELWAN	02	8	00	0	2	9	6	19.9	14.2	64	07	0
FAIYUM	01	8	00	0	1	5	6	19.9	12.6	74	08	0
BENI SUEF	00	9	18	1	0	0	-	19.9	13.4	64	06	0
MINYA	00	7	00	0	0	0	-	20	12	63	05	0
ASYUT	00	6	22	1	0	0	-	21.2	11.8	67	06	0
NAG HAMMADI	00	8	00	0	0	0	-	19.4	11.2	75	07	0
QENA	00	6	24	2	0	0	-	19.9	12.4	72	07	0
LUXOR	00	7	00	0	0	0	-	20	11	54	02	0
ASWAN	00	9	00	0	0	0	-	19.6	15.8	42	03	0
SIWA	00	6	00	0	0	0	-	21.8	14.5	54	05	0
BAHARIYA	00	7	32	1	1	0	-	21.1	11.5	64	05	0
FARAFRA	02	7	24	1	1	8	5	21.5	10.2	66	04	0
DAKHLA	00	8	00	0	0	0	-	21.0	13.6	55	05	0
KHARGA	00	7	00	0	0	0	-	21.4	12.7	49	02	0
SUEZ	00		00	0	0	0	-	18.6	14.2	79	10	0
TOR	00	8	28	3	0	0	-	18.3	16.0	57	07	0
HURGHADA	00	8	26	2	0	0	-	20	14	52	04	0
QUSEIR	00	8	28	3	0	0	-	18.2	17.0	52	07	0

At 0600 on MONDAY 13th

Station	ww	V	DD	F	W	Cloud Amount	Cloud Form C	M.S.L. mbs PPP	Diff from normal mbs	Dry Bulb TT	Max Yesterday TxTx	Max Diff from norm.	Min Today TnTn	Min Diff from norm.	Humidity UU	Dew Point °C	Rain Past 24 hrs	Total from Oct 1	Norm. from Oct 1
SIDI BARANI	13	8	22	3	5	9	6	19.1		13	18		11		88	12	5	134	
MATRUH	01	7	24	4	2	5	6	19		13	18		12		82	10	0	100	
EL DABA	01	7	24	1	1	5	9			13.2	18		9		77	09	dr	83	
ALEXANDRIA	02	8	16	3	6	8	9	18.6	0.0	12.0	19	-2	11	-2	89	10	2	86	64
FOUAD (Airport)	02	7	22	2	5	10	64	18.4		12	18		11		94	11	1	82	
DAMIETTA	09		18	2	0	1	8	18.3	+0.4	10.6	18		7		91	09	1	57	29
PORT SAID	00	7	24	3	0	k	9	19		13	17		11		82	10	k	15	
EL ARISH	00	9	16	3	0	1	8	18.0	-0.7	13.8	18	-3	8	-1	71	09	0	30	24
DAMANHUR	01	6	20	2	1	3	8	18.7	0.0	12.6	20	-2	9	-1	89	10	0	18	24
MANSURA	01	7	20	1	1	5	6	18.7	+0.2	10.0	18	-4	7	-3	84	07	3	12	12
TANTA	03	6	20	1	2	10	7	19.6	+0.6	10.0	21	-1	6	-3	83	07	0	8	10
ZAGAZIG	00	6	20	1	0	0	-	19.4	+0.3	9.4	17	-5	7	-2	98	08	2	3	8
SHIBIN EL KOM	01	7	22	2	1	5	8	19.5	+0.5	10.1	21		8		76	06	0	4	
ISMAILIA	00	5	22	3	0	0	-	19		13.1	18		9		65	06	0	4	
FAROUK (Airport)	00	7	16	3	0	k		20		11	20		9				0	dr	
ALMAZA	00	7	18	3	0	k	4	19.6	+0.7	11.3	20		9		65	04	0	2	
EZBEKIYA	00	7	16	1	0	k	8	20.0	+1.1	10.4	20	-2	9	-1	70	05	dr	6	6
GIZA	00	7	16	1	0	k	8	20.3	+1.4	11.0	22	+1	8	0	74	07	dr	12	7
HELWAN	00	6	26	2	0	1	4	20.7	+1.4	10.3	18	-3	9	-1	67	04	0	8	5
FAIYUM	01	8	30	2	1	5	6	21.2	+1.9	10.5	21	-2	8	-1	67	04	0	k	1
BENI SUEF	00	9	20	1	0	0	-	21.1		10.4	20		6		68	04	0	k	
MINYA	05	3	00	0	0	3	1	21		9	19		5		71	04	0	4	
ASYUT	00	7	22	1	0	0	-	21.2	+1.6	10.8	19	-3	6	-2	65	04	0	0	2
NAG HAMMADI	00	8	00	0	0	0	-	20.3	+1.8	11.0	20		3		65	05	0	0	
QENA	00	7	28	1	0	0	-	21.0	+2.4	10.4	19	-6	6	-3	72	05	0	dr	
LUXOR	01	8	00	0	1	3	2	20		9	19		2		62	02	0	dr	
ASWAN	01	9	00	0	1	3	1	20.2	+1.9	10.7	19	-7	7	-5	92	10	0	dr	
SIWA	00	7	00	0	0	0	-	22.6	+2.6	9.5	19	-3	5	-1	70	05	0	0	2
BAHARIYA	02	8	28	1	1	8	2	21.8	+1.7	10.2	19	-3	4	-3	72	05	0	dr	3
FARAFRA	01	8	18	1	1	3	4	22.3		9.0	17		3		85	06	0	dr	
DAKHLA	00	8	00	0	0	0	-	21.0	+1.1	5.0	19	-4	3	-4	66	-0.1	0	dr	
KHARGA	00	8	00	0	0	0	-	22.2	+3.1	9.8	19	-6	9	+1	72	05	0	0	
SUEZ	00	7	00	0	0	0	-	19.6	+1.4	13.4	19	-3	8	-3	75	09	0	12	7
TOR	00	8	02	2	0	0	-	17.5	+0.1	14.5	20	-3	12	+2	71	09	0	0	5
HURGHADA	00	9	16	2	0	1	8	19		14	18		8		59	06	0	dr	
QUSEIR	01	8	28	3	1	3	3	15.6	-1.7	16.0	20	-5	13	-3	50	05	0	0	4
PORT SUDAN	02	8	30	4	1	5	6	15		23			22		78	19	0	33	68
WADI HALFA																	0	0	
KAREIMA	00	8	30	3	0	0	-	18		11			7		38	-3	0	3	1
ATBARA	00	7	30	3	0	0	-	15		21			12		23	-1	0	7	2
KHARTOUM	00	8	32	3	0	0	-	15		16			13		36	01	0	10	4
KASSALA	00	8	00	0	0	0	-	10		21			15		53	11	0	2	8
WAD MEDANI																		11	12
[illegible]																	0	49	
[illegible]																	2	36	
[illegible]	01	8	30	3	1	7	1	16		14			11		27	-5	-0	0	16
[illegible]	01	8	02	2	1	5	2			12					27	-2	0	0	6
GENEINA																	0		4
MALAKAL	00	8	02	4	1	2	2	12		20			15		23	-2	0	69	87
WAU	02	8	08	3	1	8	2	12		19			17		46	07	0	261	142
[illegible]	01	7	32	2	1	5	4	11		26			18		45	13	0	118	134

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
[illegible]	13
[illegible]	20-29
[illegible] Thunderstorm	28
[illegible] Thunderstorm	29

Upper-air notes

12th
44 -21
70 +1
75 +2
65 +8

13th 3.4

13th 3

1010	11	70	190	8
510	13	65	190	8
3400	9	65	300	14
4490	5	75	300	19
6560	2	45	300	22
10080	-2	25	310	23
14060	-8	-	300	22
18640	-18	-	290	30
30460	-47	-	290	70
39020	-57	-	270	33

12th

ALMAZA 14	MATRUH 13 45	FOUAD AP. 15	PORT SAID 14 30
290 6	310 13	320 13	280 19
300 7	310 13	340 15	280 10
290 7	300 14	310 17	280 16
270 6	300 26	320 23	290 19
300 6			
310 8			
290 10			
Entlw			

13th

5 5 3 30 3 9 7 3 6 5 5

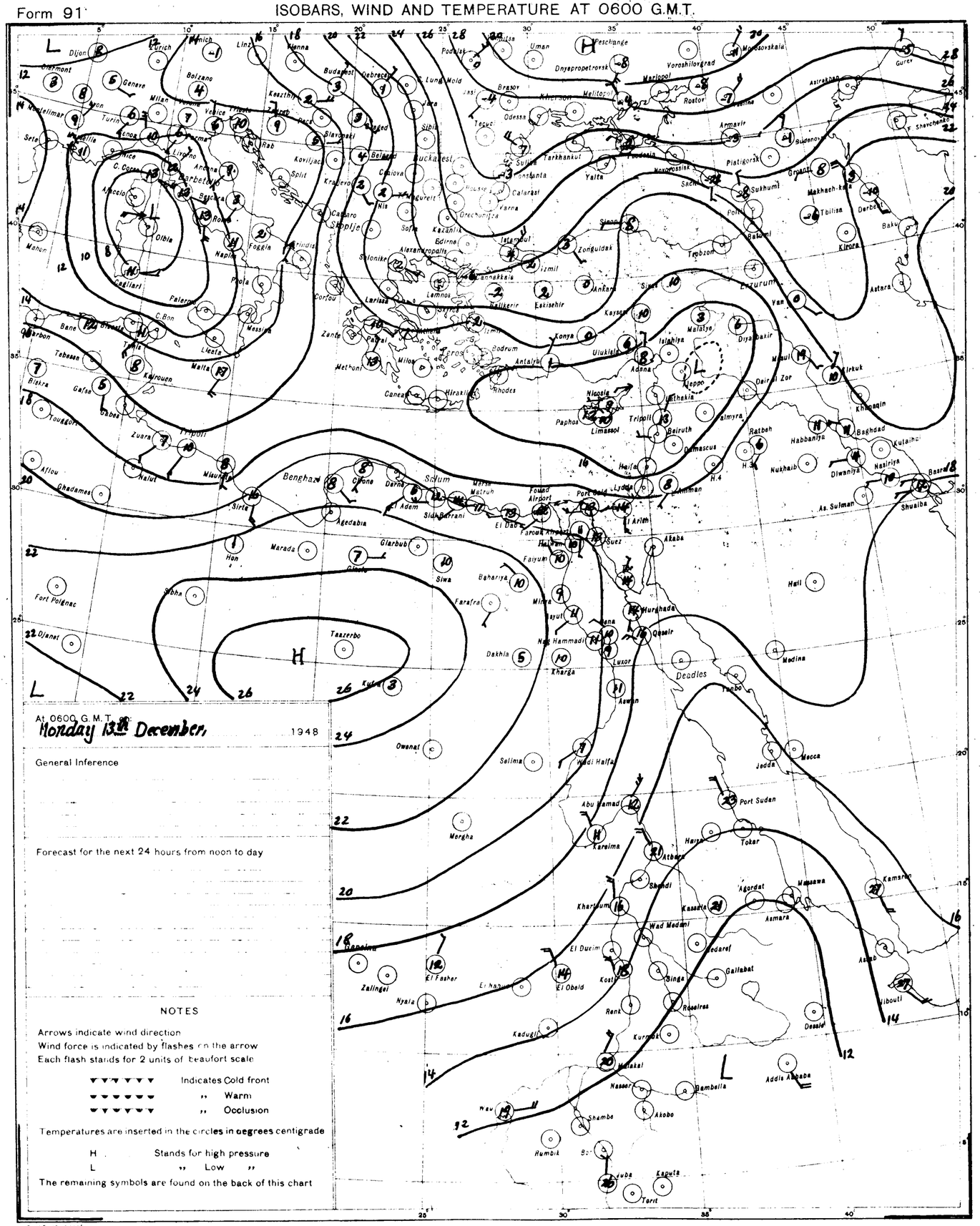
280 18 270 19 — 270 16 200 10 220 6 160 9 340 8 — 140 3 30 3 290 16
310 16 300 14 — 280 16 260 11 250 6 210 9 340 10 — 20 14 20 22 290 15
320 19 310 16 — 260 17 290 12 260 6 270 10 340 5 — 30 4 80 16 290 4
330 18 320 22 — 300 17 280 5 290 11 350 4 — 60 7 80 19 360 10
Ent Cu 320 20 — 300 19 260 5 290 15 330 10 — 20 10 50 10 20 10
320 16 — 310 20 290 6 300 15 — 300 9 310 13
300 12 — 310 15
310 26 290 20
290 27 290 18

MINYA 15 — 5 5 6 15 9 4

10 6 — 300 12 360 13 20 10 340 17 — 10 17
10 6 — 300 15 30 11 30 16 330 8
350 9 — 310 11 20 10 30 16 320 5 — 10 23
340 10 — 340 10 40 12 50 14 320 9 — 360 15
20 9 20 10 20 7 330 3 — 350 8
320 19 260 9 270 10 — 100 8
310 17 270 10

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.


Dijon
Zurich
Munich
Linz
Vienna
Budapest
Debrecen
Lwow
Uman
Peschanoe
Podolsk
Dnyepropetrovsk
Voroshilovgrad
Mariupol
Rostov
Taganrog
Gurev
Astrakhan
Grozny
Makhach-kala
Derbent
Baku
Tbilisi
Sukhumi
Batumi
Poti
Sochi
Novorossisk
Yalta
Sevastopol
Simferopol
Melitopol
Kherson
Armavir
Sudenovsk
Platigorsk
T. Shevchenko
Brasov
Iasi
Odessa
Tecuci
Sulina
Tarkhankut
Constanta
Calarasi
Varna
Bucharest
Craiova
Giurgiu
Nis
Sofia
Kazanlik
Edirne
Istanbul
Zonguldak
Trebizon
Sinop
Ankara
Eskisehir
Izmit
Canakkale
Lemnos
Alexandropolis
Salonika
Thessaloniki
Larissa
Volos
Lamia
Corfou
Preveza
Kalamai
Zante
Methoni
Milos
Crete
Hiraklion
Rhodes
Cyprus
Nicosia
Paphos
Limassol
Antalya
Konya
Ulukisla
Kayseri
Sivas
Erzurum
Van
Malatya
Islahiya
Adana
Aleppo
Hithakia
Tripoli
Almyra
Beiruth
Damascus
Haifa
Lydda
Ramman
Port Said
Fouad Airport
Farouk Airport
Suez
Akaba
Ratbeh
Habbaniya
Baghdad
Kulaiha
Nukhaib
Diwaniya
Nasiriya
Basra
Shuaiba
As. Sulman
Diyalbakir
Mosul
Kirkuk
Khanaqin
Deir el Zor
T. Arleh
Benghazi
Derna
Tobruk
Solum
Mersa Matruh
El Adam
Sidi Barrani
El Dab'a
Agedabia
Sirte
Misurata
Zuara
Tripoli
Nalut
Gadames
Ghadames
Aflou
Tougourt
Gafsa
Tebessa
Bizerta
Tunis
Kairouan
Malta
Lieata
Messina
Palermo
Trapani
Marsala
Pantelleria
Bone
Marsella
Genoa
Milan
Turin
Venice
Trieste
Ancona
Pescara
Bolzano
Innsbruck
Klagenfurt
Graz
Zagreb
Rab
Koriljan
Split
Slavonski
Osijek
Belgrad
Kraljevo
Skoplje
Cattaro
Brindisi
Foggia
Naples
Rome
Leghorn
Bastia
Ajaccio
Olbia
Cagliari
Mahon
Barcelona
Valencia
Alicante
Malaga
Gibraltar
Tangier
Tetuan
Oran
Algiers
Bougie
Bona
Philippeville
Biskra
Laghouat
Colomb Bechar
Fort Polignac
Ghat
Djanet
Tazerbo
Murzuk
Sebha
Marada
Hon
Gharbub
Siwa
Bahariya
Farafra
Dakhla
Kharga
Faiyum
Mitrra
Asyut
Nag Hammadi
Luxor
Qeneh
Hurghada
Qoseir
Deadles
Aswan
Wadi Halfa
Owenat
Selima
Merga
Abu Hamad
Kareima
Atbara
Khartoum
Shendi
Wad Medani
El Ducim
Kosti
Singa
Gallabat
Kassala
Port Sudan
Harra
Toker
Jedda
Mecca
Medina
Agordat
Massawa
Asmara
Kamsrna
Assab
Djibouti
Zalingei
El Fasher
El Obeid
Nyala
Renk
Kaduqli
Kurmuk
Roseires
Gedaref
Dessie
Addis Ababa
Mendakal
Nasser
Bambella
Akobo
Shamba
Mau
Humbik
Juba
Kaputa
Torit
Owenat
Selima
Merga
Tazerbo
Fort Polignac
Djanet
Ghadames
Gafsa
Tougourt
Aflou
Bizerta
Tebessa
Kairouan
Malta
Trapani
Pantelleria
Bastia
Ajaccio
Olbia
Cagliari
Mahon
Barcelona
Marsella
Bone
Philippeville
Bona
Bougie
Algiers
Oran
Tetuan
Tangier
Gibraltar
Malaga
Alicante
Valencia
Genoa
Milan
Turin
Lyon
Geneva
Serte
Ancona
Pescara
Rab
Split
Foggia
Naples
Rome
Leghorn
Messina
Palermo
Trapani
Marsala
Pantelleria
Lieata
Malta
Zuara
Nalut
Sirte
Agedabia
Benghazi
Derna
Tobruk
Solum
Mersa Matruh
El Adam
Sidi Barrani
El Dab'a
Fouad Airport
Farouk Airport
Port Said
Lydda
Ramman
Suez
Akaba
Haifa
Damascus
Beiruth
Tripoli
Almyra
Hithakia
Nicosia
Paphos
Limassol
Rhodes
Crete
Hiraklion
Milos
Methoni
Zante
Corfou
Preveza
Kalamai
Volos
Lamia
Larissa
Lemnos
Canakkale
Izmir
Bodrum
Antalya
Konya
Ulukisla
Kayseri
Sivas
Erzurum
Van
Malatya
Islahiya
Adana
Aleppo
Diyalbakir
Mosul
Kirkuk
Khanaqin
Deir el Zor
Ratbeh
Habbaniya
Baghdad
Kulaiha
Nukhaib
Diwaniya
Nasiriya
Basra
Shuaiba
As. Sulman
T. Arleh
Akaba
Suez
Faiyum
Mitrra
Asyut
Nag Hammadi
Luxor
Qeneh
Hurghada
Qoseir
Deadles
Aswan
Wadi Halfa
Owenat
Selima
Merga
Abu Hamad
Kareima
Atbara
Khartoum
Shendi
Wad Medani
El Ducim
Kosti
Singa
Gallabat
Kassala
Port Sudan
Harra
Toker
Jedda
Mecca
Medina
Agordat
Massawa
Asmara
Kamsrna
Assab
Djibouti
Zalingei
El Fasher
El Obeid
Nyala
Renk
Kaduqli
Kurmuk
Roseires
Gedaref
Dessie
Addis Ababa
Mendakal
Nasser
Bambella
Akobo
Shamba
Mau
Humbik
Juba
Kaputa
Torit
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CAIRO

Time of Sunrise 04 43 G.M.T.

" " Sunset 14 57 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: Tuesday 14th December, 1948.

At 1200 on Monday 13th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARANI	02	8	24	3	2	8	6,5	18.2	18.3	70	12	0
	160	MATRUH	82	7	03	3	8	10	7	18	14	95	14	R
	134	EL DABA	20	6	24	2	6	10	9		17			3
	132	ALEXANDRIA	02	9	16	3	6	8	9	16.8	17.4	67	11	3
	150	FOUAD (Airport)	81	7	22	4	8	10	7,5	16.8	18	73	13	R
	159	DAMIETTA	01	8	20	3	1	5	8	14.7	18.2	72	13	0
	161	PORT SA'ID	02	7	24	4	1	8	8,4	17	17	68	11	0
	135	EL 'ARISH	00	9	24	2	0	2	8	16.3	18.3	63	11	0
Lower Egypt	136	DAMANHUR	02	7	28	3	6	8	5	17.8	17.0	86	15	2
	137	MANSURA	01	8	20	2	1	5	6	17.1	18.8	57	10	0
	138	TANTA	02	6	20	2	2	9	7	18.7	18.0	62	11	0
	139	ZAGAZIG	02	6	24	2	1	8	6	17.1	17.2	92	16	0
		SHIBIN EL KOM	02	8	22	3	2	8	9	18.6	18.0	47	6	0
		ISMAILIA	01	6	24	2	1	5	5	17.5	19.1	47	7	0
Cairo Area	928	FAROUK (Airport)	01	8	22	4	1	7	6,4	17	19	46	7	0
	141	ALMAZA	01	8	18	4	0	5	4	17.7	19.0	46	7	0
		EZBEKIYA	02	8	18	2	2	9	8	17.9	18.2	51	8	0
		GIZA	02	8	18	2	2	9	8	17.6	20.0	58	10	0
	143	HELWAN	01	8	18	2	1	5	6	17.6	18.3	45	6	0
Upper Egypt	153	FAIYUM	01	8	22	2	1	5	6	18.3	20.5	41	6	0
		BENI SUEF	01	9	30	1	0	3	6,5	18.4	19.9	47	8	0
	162	MINYA	01	8	00	0	1	5	1	19	20	41	6	0
	155	ASYUT	00	8	20	1	0	0	–	18.3	18.3	39	5	0
	164	NAG HAMMADI	00	8	24	1	0	0	–	17.9	21.2	42	7	0
	156	QENA	00	8	22	1	0	0	–	17.1	18.0	48	7	0
	157	LUXOR	00	8	00	0	0	0	–	17	20	41	6	0
	158	ASWAN	00	9	28	1	0	0	–	15.9	20.0	42	6	0
Oases	148	SIWA	00	8	00	0	0	0	–	21.2	19.2	53	9	0
	149	BAHARIYA	01	8	32	1	1	5	2	19.6	17.5	48	7	0
		FARAFRA												
	152	DAKHLA	00	9	30	1	0	0	–	19.2	17.8	41	4	0
	151	KHARGA	00	8	02	2	0	0	–	18.3	18.0	34	2	0
Red Sea	144	SUEZ	01	8	12	2	1	5	8	16.4	19.1	55	10	0
	145	TOR	00	8	28	4	0	2	4	18.2	19.2	63	12	0
	163	HURGHADA	00	9	30	2	0	2	8	17	19	56	10	0
	147	QUSEIR	01	8	02	4	1	3	3	16.8	20.2	46	8	0
	208	PORT SUDAN	01	8	02	5	1	5	8,4,1		26	62	18	0
Northern Sudan	165	WADI HALFA												
	166	KAREIMA												
	167	ATBARA												
	209	KHARTUM	00	8	02	3	1	2	2	10	27	17	0	0
	170	KASSALA												
Central Sudan	171	WAD MEDANI	01	8	32	2	0	5	3	8	30	22	6	0
	182	RENK												
	172	ROSEIRES	00	8	30	3	0	0	–	9	32	17	4	0
	174	EL OBEID												
	175	EL FASHER	02	8	04	3	1	9	2		25	13	-6	0
	179	GENEINA	01	8	04	2	1	7	1		28	20	1	0
Southern Sudan		MALAKAL	01	8	02	4	1	7	4	6	33	15	3	0
		WAU	02	8	08	2	1	9	2	6	33	15	3	0
		JUBA	01	8	04	2	1	7	8,1				14	0

At 1800 on 13th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 12-18 G.M.T. mms
SIDI BARANI												
MATRUH	02	7	25	3	2	8	4	19	14	88	12	R
EL DABA	20	5	24	1	6	10	9		16.0	71	11	6
ALEXANDRIA	01	6	32	2	6	5	9	18.4	15.4	60	7	11
FOUAD (Airport)	01	7	29	2	8	3	8	18.0	15	68	9	R
DAMIETTA	01		20	3	1	3	8	17.4	14.1	96	13	0
PORT SA'ID	00	7	24	4	1	1	9,4	17	15	77	11	0
EL 'ARISH	01	9	20	1	1	3	8	16.7	14.1	78	10	0
DAMANHUR	01	5	28	2	1	3	8	18.0	13.0	96	12	0
MANSURA	01	5	24	2	1	5	6	17.6	14.8	83	12	0
TANTA	01	8	20	1	2	5	8	19.4	12.2	82	9	0
ZAGAZIG	01	6	24	2	0	5	8	17.6	14.2	87	12	0
SHIBIN EL KOM	01	7	22	2	1	5	6	19.2	14.6	64	8	0
ISMAILIA	03	5	24	1	2	10	5	17.8	16.3	60	8	0
FAROUK (Airport)	02	7	22	2	1	8	6	18	16	59	8	0
ALMAZA	01	7	24	3	1	7	4	18.1	16.8	53	7	0
EZBEKIYA	03	7	00	0	2	10	4	18.4	16.0	60	8	0
GIZA	03	7	00	0	2	10	4	18.6	14.9	69	9	0
HELWAN	03	7	00	0	2	10	6	18.8	15.3	61	7	0
FAIYUM	03	8	00	0	2	10	6	18.3	15.7	75	12	0
BENI SUEF	02	9	18	1	2	9	6,5	19.0	14.9	52	5	0
MINYA	00	7	00	0	0	0	–	19	12	63	5	0
ASYUT	00	6	20	1	0	0	–	20.2	11.6	61	5	0
NAG HAMMADI	00	8	00	0	0	0	–	19.6	13.4	65	7	0
QENA	00	6	22	2	0	0	–	18.4	14.0	63	7	0
LUXOR	00	7	00	0	0	0	–	18	13	48	2	0
ASWAN												
SIWA	00	6	00	0	0	0	–	20.7	13.2	77	9	0
BAHARIYA	00	7	28	1	1	0	–	20.2	12.0	54	3	0
FARAFRA	00	7	22	1	0	0	–	19.8	9.0	74	5	0
DAKHLA	00	8	00	0	0	0	–		13.0	54	4	0
KHARGA	00	7	30	1	0	0	–	20.2	12.9	41	0	0
SUEZ	02		00	0	2	9	8	17.8	15.9	64	9	0
TOR	02	8	28	2	1	7	1		17.2	33	1	0
HURGHADA	00	8	28	3	0	2	2	18	18	52	8	0

At 0600 on Tuesday 14th

Station	ww	V	Wind DD	Wind F	Past Weather W	Cloud Amount	Cloud Form C	Bar. M.S.L. mbs. PPP	Diff. from normal mbs	Dry Bulb TT	Max. Yesterday TxTx	Diff. from norm.	Min. Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C	Rainfall Past 24 hrs	Total from Oct. 1	Norm. from Oct. 1	Station
SIDI BARANI																	0	134		SIDI BARANI
MATRUH	02	7	22	2	1	8	9,4	19		12	19		11		88	10	6	106		MATRUH
EL DABA	02	7	00	0	2	8	8			15.2	17		12		87	13	9	92		EL DABA
ALEXANDRIA	01	9	16	1	6	7	7	19.6	+1.0	14.0	18	-3	12	-1	85	12	15	101	65	ALEXANDRIA
FOUAD (Airport)	02	7	20	1	8	9	8,4	19.5		12	18		10		95	12	7	89		FOUAD (Airport)
DAMIETTA	09		20	2	0	1	8	19.0	+1.1	12.1	18		8		88	10	0	57	30	DAMIETTA
PORT SA'ID	00	7	24	2	0	1	9	19		14	17		13		77	10	0	15		PORT SA'ID
EL 'ARISH	01	9	16	2	1	5	8			14.2	20	-1			73	9	0	30	24	EL 'ARISH
DAMANHUR	01	5	24	2	1	3	8	19.2	+0.6	10.6	17	-5	9	-1	93	10	2	20	24	DAMANHUR
MANSURA	01	7	22	1	1	3	8	19.2	+0.7	10.8	20	-2	8	-2	84	8	0	12	12	MANSURA
TANTA	00	8	00	0	1	0	–	20.2	+1.2	9.0	18	-4	5	-4	92	8	0	8	10	TANTA
ZAGAZIG	00	6	24	2	0	0	–	20.4	+1.3	12.8	19	-3	6	-3	97	12	0	3	8	ZAGAZIG
SHIBIN EL KOM	00	7	30	2	0	1	8	19.4	+0.4	10.0	20		8		73	5	0	4		SHIBIN EL KOM
ISMAILIA	00	6	22	1	0	0	–	19.5		12.8	20		9		80	10	0	4		ISMAILIA
FAROUK (Airport)	00	8	14	3	0	0	–	19		12	19		10		77	8	0	Dr.		FAROUK (Airport)
ALMAZA	00	7	12	1	0	0	–	19.3	+0.4	11.9	20		8		80	8	0	2		ALMAZA
EZBEKIYA	09	5	00	0	4	0	–	19.5	+0.6	10.8	19	-2	9	-1	93	10	0	6	6	EZBEKIYA
GIZA	09	3	00	0	4	0	–	19.5	+0.5	10.2	20	-1	7	-1	97	9	0	12	7	GIZA
HELWAN	05	5	00	0	0	Tr.	4	19.9	+0.6	12.3	18	-3	9	-1	74	7	0	6	5	HELWAN
FAIYUM	09	5	00	0	4	0	–	19.8	+0.5	11.0	21	-2	8	-1	80	8	0	tr.	1	FAIYUM
BENI SUEF	00	9	20	1	0	0	–	19.6		10.9	20		7		65	4	0	tr.		BENI SUEF
MINYA	05	6	00	0	1	0	–	20		10	20		6		71	5	0	4		MINYA
ASYUT	00	7	00	0	0	0	–	20.3	+0.7	11.1	20	-2	6	-2	62	4	0	0	2	ASYUT
NAG HAMMADI	00	8	00	0	0	0	–	19.2	+0.6	10.0	22		4		70	5	0	0		NAG HAMMADI
QENA	00	7	28	1	0	0	–	19.5	+0.9	11.0	19	-6	7	-2	73	6	0	Dr.		QENA
LUXOR	00	8	00	0	0	0	–	19		10	22		3		67	4	0	Dr.		LUXOR
ASWAN	00	9	00	0	0	0	–	19.2	+0.9	12.5	21	-5	8	-4	90	10	0	Dr.		ASWAN
SIWA	00	7	00	0	0	0	–	20.8	+0.7	10.3	20	-2	6	0	61	3	0	0	2	SIWA
BAHARIYA	01	8	00	0	1	5	4	20.7	+0.6	9.3	20	-2	4	-3	67	3	0	Dr.	3	BAHARIYA
FARAFRA	00	8	00	0	0	0	–	21.2		9.4	19		1		69	4	0	Dr.		FARAFRA
DAKHLA	00	8	00	0	0	0	–	19.8	-0.1	5.1	19	-4	2	-5	68	-1	0	Dr.		DAKHLA
KHARGA	00	8	00	0	0	0	–	19.7	+0.6	9.9	19	-5	5	-3	70	5	0	0		KHARGA
SUEZ	00	7	04	2	0	0	–	19.6	+1.4	12.7	22	0	9	-2	83	10	0	12	7	SUEZ
TOR	00	8	02	1	0	0	–	18.3	+0.8	13.2	21	-2	9	-1	65	7	0	0	5	TOR
HURGHADA	00	9	24	2	0	Tr.	8	18		13	19		9		63	6	0	Dr.		HURGHADA
QUSEIR	01	8	26	3	0	3	3	17.5	+0.1	15.3	21	-4	13	-3	48	4	0	0	4	QUSEIR
PORT SUDAN	02	8	30	4	1	9	6,4,1	14		23					61	15	0	33	69	PORT SUDAN
WADI HALFA																	0	0		WADI HALFA
KAREIMA	01	8	02	2	1	3	4	16		13					38	-1	0	3	1	KAREIMA
ATBARA	00	7	30	2	0	1	4	15		16					32	-1	0	7	2	ATBARA
KHARTUM	01	8	32	2	0	3	1	14		16					30	-2	0	10	4	KHARTUM
KASSALA	00	8	00	0	0	0	–	12		22							0	2	8	KASSALA
WAD MEDANI																	0	11	12	WAD MEDANI
RENK																	0	0	49	RENK
ROSEIRES																	0	2	36	ROSEIRES
EL OBEID	02	8	30	2	1	7	2	15		14					23	-7	0	0	16	EL OBEID
EL FASHER	02	8	02	2	1	8	1			12					36	-3	0	0	6	EL FASHER
GENEINA	01	8	04	3	1	5	2			16					30	-2			4	GENEINA
MALAKAL																	0	69	87	MALAKAL
WAU																	0	261	142	WAU
JUBA																	0	118	134	JUBA

Humidity

Mean of the day 13th

Station	on 13th	Diff. from normal
Alexandria	70	+5
Ezbekiya	58	-11
Giza	65	-9
Helwan	59	+2

GIZA

Grass minimum temp. on 14th 2.0

Remarks

Upper Air Observations on 13th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — Aeroplane Ascent (no entries)

FAROUK AIRPORT — Rawinsonde on 14th at 3

Pressure mbs.	Height feet	Temp. °C	Humidity %	Wind DD	Wind VV
Surface		10	93	190	4
1000	500	10	95	190	4
950					
900	3370	5	95	340	13
850	4890	2	85	340	15
800	6500	2	45	330	16
700	10010	-2		310	14
600	13960	-10		290	17
500	18480	-19		300	16
400					
300	30300	-46		280	
250					
200					
150					
100					

Height m	Almaza (13) DD	VV	Matruh (13 45) DD	VV	Port Said (14 15) DD	VV	Minya (14 30) DD	VV
200	250	4	330	7	240	29	10	6
500	250	5	350	13	240	31	350	5
1000	250	6	320	17	250	25	300	11
1500	260	8	330	16	280	12	330	10
2000	280	11	320	16				
3000			300	14				

Upper Air Observations on 14th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		Farouk Airport		Almaza		Helwan		Minya		Asyut		Luxor		Aswan		[illegible]	
Time	5		5 30		3		3		3		09		7		4				6 15				5	
Height m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	300	6	60	3	240	11	280	9	320	6	360	1	350	2	350	13			360	7			280	10
500	350	4	100	10	240	12	270	10	340	10	10	4	360	7	10	16			360	12				
1000	Ent. Cl.		40	9	230	15	240	10	340	11	10	4	10	12	10	21			40	15			310	10
1500			350	9	230	19	230	22	340	14	360	5	20	14	20	31			30	8			60	6
2000			300	7	250	16	250	10	330	14	340	6	350	13	20	18							130	7
3000									320	15			330	8									170	3
4000													300	13									150	4
5000									290	21													220	13
6000									300	19														

Station	Bahariya		Dakhla		Kharga		Hurghada		Wadi Halfa		El Fasher	
Time	5		5		6 30		9 15		4 30		4 30	
Height m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	300	11	100	4	20	9	330	11	30	14		
500	320	14	50	8	20	16	320	3	40	22		
1000	360	13	70	14	10	19	330	3	40	22	10	10
1500	20	13	80	15	30	13	320	4	20	13	40	17
2000	20	5	40	10					30	15	50	9
3000	50	13	180	2					280	17	20	5
4000	140	9	320	5					280	21		
5000	200	3	310	9								
6000									260	43?		

(Other station columns — Abu Hamad, Kareima, Khartum, Kassala, El Obeid, Malakal — no entries.)

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68-69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W) [illegible]

VISIBILITY (V) [illegible]

WIND DIRECTION (DD) [illegible]

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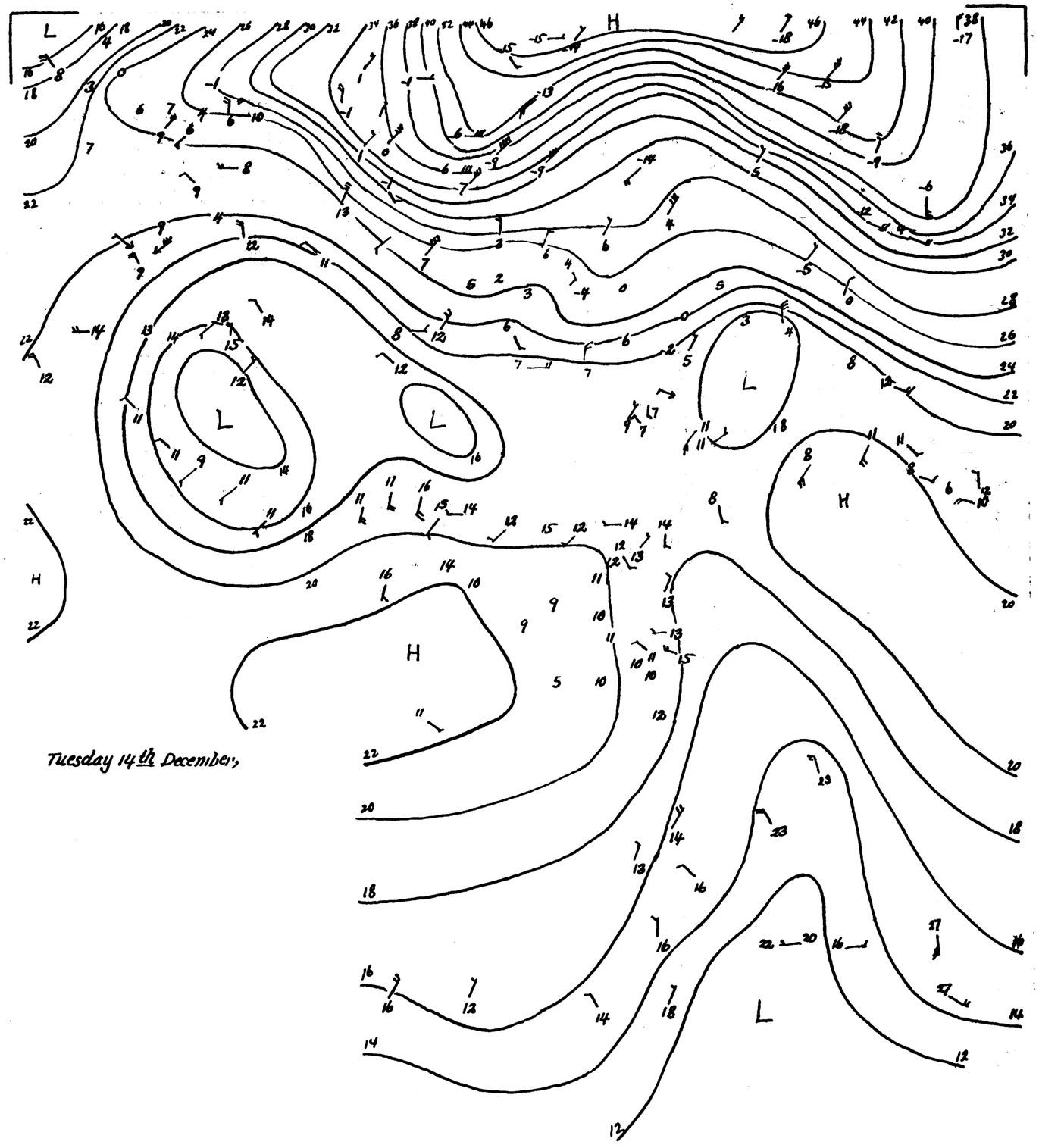


Tuesday 14th December,

CAIRO
Time of Sunrise 04 43 G.M.T.
" " Sunset 14 57 G.M.T.

MINISTRY OF NATIONAL DEFENCE. METEOROLOGICAL DEPARTMENT, EGYPT

Form 91

DAILY WEATHER REPORT

Date: WEDNESDAY 15th DECEMBER, 1948.

At 1200 on TUESDAY 14th

Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 6-12 G.M.T. mms
146	SIDI BARANI	10	8						18.6	18.2	66	11	0
160	MATRUH	02	7	04	2	2	10	8,4	18	18	68	12	0
134	EL DABA	02	8	32	1	2	8	9		18.2	69	10	0
132	ALEXANDRIA	02	9	32	2	2	8	8	18.3	18.2	54	09	0
150	FOUAD (Airport)	02	8	32	2	1	9	8	18.3	19.	46	07	0
159	DAMIETTA	01	8	28	2	1	3	8	18.0	18.0	67	12	0
161	PORT SAID	00	8	28	1	0	2	6	18	18	52	08	0
135	EL ARISH	00	9	24	3	0	2	8	17.9	17.8	67	12	0
136	DAMANHUR	01	7	32	3	1	7	3	18.6	18.2	57	09	0
137	MANSURA	01	8	30	2	1	5	4	18.2	20.2	46	08	0
138	TANTA	01	8	00	0	1	5	8	18.8	20.0	47	08	0
139	ZAGAZIG	00	6	08	2	0	0	-	17.9	19.5			0
	SHIBIN EL KOM	01	8	30	3	1	5	8	18.3	20.4	37	05	0
	ISMAILIA	01	7	32	1	1	3	5	17.4	20.8	46	09	0
428	FAROUK (Airport)	01	7	04	3	0	5	6	19	19	46	07	0
141	ALMAZA	01	8	02	3	0	5	8	17.9	19.1	54	09	0
	EZBEKIYA	01	8	02	1	1	7	1	17.9	19.5	51	10	0
	GIZA	01	8	02	1	1	7	1	18.0	18.7	54	10	0
14[illegible]	HELWAN	01	7	32	1	1	3	3	17.5	18.0	42	05	0
	FAIYUM	01	8	32	2	1	5	6	18.0	19.3	46	07	0
	BENI SUEF	01	9	02	1	0	3	4	17.4	20.1	48	09	0
	MINYA	00	8	01	3	0	1	1	18	20	43	07	0
	ASYUT	00	8	22	1	0	0	-	16.6	20.0	40	06	0
	NAG HAMMADI	00	8	00	0	0	0	-	17.0	22.2	45	09	0
	QENA	00	8	16	1	0	0	-	16.0	17.4	49	06	0
	LUXOR	00	8	04	1	0	0	-	16	20	35	04	0
	ASWAN	00	9	26	1	0	0	-	14.8	21.0	27	08	0
	SIWA	00	8	00	0	0	0	-	20.0	19.5	52	10	0
	BAHARIYA	01	8	32	1	1	5	5	18.2	19.2	53	09	0
	FARAFRA												
	DAKHLA	00	9	32	1	0	0	-		20.0	38	05	0
	KHARGA	00	8	02	2	0	0	-	18.6	19.5	37	05	0
	SUEZ	00	8	04	3	0	0	-	17.4	18.7	48	08	0
	TOR	00	8	28	2	0	0	-	15.4	20.2	74	15	0
	HURGHADA	00	9	00	0	0	0	-	16	20	46	08	0
	QUSEIR	01	8	32	3	1	3	4	16.0	21.0	49	10	0
	PORT SUDAN	02	8	02	4	1	10		12	26	66	19	0
	WADI HALFA												
	KAREIMA	00	8	04	2	2	0	-	11			00	0
	ATBARA	00	8	32	2	1	1	2		28	33	10	0
	KHARTOUM	01	8	32	3	1	5	1		27	23	04	0
	KASSALA	00	8	32	1	0	1		5				
	WAD MEDANI	02	8	07	2	0	10	1	7	32	20	06	0
	[illegible]	00	9	32	4	0	0	-		30			0
	[illegible]	00	8	30	2	0	0	-	2	31	29	11	0
	[illegible]												
	[illegible]												
	GENEINA												
	MALAKAL	00	8	02	3	0	1		5	34	18	06	0
	WAU	02	8	08	1	1	10	2	5	33	16	04	0

At 1800 on 14th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs PPP	Temp. °C TT	Humidity UU	Dew Point °C	Rain 12-18 G.M.T. mms
SIDI BARANI	03	8			5	10	6	19.0	15.4	84	12	1
MATRUH	03	7	10	2	2	10	6	19	15	82	12	0
EL DABA	01	6	32	1	1	5	9		17.3	72	12	0
ALEXANDRIA	01	6	08	2	2	5	8	19.4	12.0	62	05	0
FOUAD (Airport)	01	7	04	1	1	5	8,4	19.2	13	88	11	0
DAMIETTA	09		10	2	2	9	6	17.9	13.8	94	13	0
PORT SAID	02	7	05	2	2	10	8	19	15	77	11	0
EL ARISH	01	9	24	1	1	5	8	17.9	14.4	92	13	0
DAMANHUR	01	5	32	2	1	3	3	19.4	13.8	82	11	0
MANSURA	01	5	32	2	1	5	4	19.0	14.2	78	10	0
TANTA	02	8	10	0	2	8	8	20.2	13.5	80	11	0
ZAGAZIG	00	6	24	2	0	0	-	18.4	15.0	84	12	0
SHIBIN EL KOM	00	7	22	2	1	1	6	19.1	13.7	67	08	0
ISMAILIA	02	6	04	1	2	8	5	18.4	14.0	74	09	0
FAROUK (Airport)	00	7	00	0	0	1	1	17	14	78	10	0
ALMAZA	00	7	06	2	1	1	2	18.2	14.6	63	08	0
EZBEKIYA	00	7	00	0	0	0	-	18.7	13.0	76	09	0
GIZA	00	7	00	0	0	0	-	18.8	11.0	87	09	0
HELWAN	00	7	32	2	0	0	-	18.7	14.7	57	06	0
FAIYUM	01	8	32	1	1	5	6	18.6	13.4	71	08	0
BENI SUEF	00	9	02	1	0	0	-	18.2	12.9	76	09	0
MINYA	00	7	01	3	0	1	1	18	11	71	06	0
ASYUT	00	6	22	1	0	0	-	17.6	12.2	63	05	0
NAG HAMMADI	00	8	00	0	0	0	-	17.8	11.2	85	09	0
QENA	00	6	24	2	0	0	-	16.3	11.8	67	06	0
LUXOR	00	7	00	0	0	0	-	16	12	44	00	0
ASWAN	00	9	00	0	0	0	-	15.4	17.0	43	04	0
SIWA	00	6	00	0	0	0	-	19.2	9.5	59	02	0
BAHARIYA	02	7	00	0	1	5	4	18.4	13.0	66	07	0
FARAFRA												
DAKHLA	00	8	00	0	0	0	-	18.3	12.2	68	06	0
KHARGA	00	7	00	0	0	0	-	17.9	12.4	59	04	0
SUEZ	02		32	2	1	5	8	17.9	14.7	60	07	0
TOR	00	8	28	2	0	0	-	16.4	14.2	72	09	0
HURGHADA	00	8	28	1	0	0	-	17	18	78	14	0
QUSEIR	00	8	32	2	1	0	-	16.3	17.3	53	07	0

At 0600 on WEDNESDAY 15th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. M.S.L. mbs PPP	Diff. from normal mbs	Dry Bulb TT	Max. Yesterday TxTx	Diff. from norm.	Min. Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C	Rainfall Past 24 hrs	Total from Oct 1	Norm from Oct 1
SIDI BARANI	10	8	14	2	2	10	6	18.0		13.8	21		13		86	12	1	×135	
MATRUH	01	7	01	1	1	5	8,4	18		13	20		10		77	09	0	106	
EL DABA	01	7	16	1	1	5	9	17.2		11.2	22		8		85	08	0	92	
ALEXANDRIA	01	9	12	1	2	5	4	18.3	-0.3	15.2	21	0	12	0	70	10	0	161	67
FOUAD (Airport)	05	6	10	1	4	3	8	17.9		11	20		8		94	10	0	89	
DAMIETTA	09		14	2	1	8	8	18.4	+0.4	13.9	21		9		94	13	0	57	30
PORT SAID	05	6	13	1	0	3	8	18		16	19		12		77	12	0	15	
EL ARISH	00	9	12	1	0	1	8	17.8	-1.0	10.2	20	-1	8	-1	78	06	0	30	25
DAMANHUR	01	5	08	2	1	3	1	18.7	0.0	10.8	21	-1	9	-1	90	09	0	20	25
MANSURA	01	8	02	1	1	3	4	18.3	-0.2	11.8	22	0	9	-1	78	08	0	12	13
TANTA	00	8	00	0	1	0	-	19.4	+0.4	8.9	22	0	4	-5	95	08	0	8	10
ZAGAZIG	04		00	0	0	0	-	17.9	-1.3	7.4	22	0	4	-4	100	07	0	3	8
SHIBIN EL KOM	09	6	12	2	4	0	-	18.5	-0.6	9.3	23		7		80	06	0	4	
ISMAILIA	00	5	08	1	0	0	-	18.0		12.0	22		8		82	09	0	4	
FAROUK (Airport)	00	7	08	2	0	k	1	17		11	20		9		82	09	0	dr	
ALMAZA	05	6	04	2	0	0	-	17.9	-1.1	10.8	20		7		79	07	0	2	
EZBEKIYA	09	4	32	1	4	0	-	17.8	-1.2	10.2	20	-1	8	-2	87	08	0	6	6
GIZA	09	4	32	1	4	0	-	17.9	-1.1	8.1	19	-2	6	-2	98	07	0	12	7
HELWAN	00	6	02	1	0	0	-	17.5	-1.9	13.4	19	-1	11	-1	66	07	0	6	6
FAIYUM	00	7	00	0	0	0	-	17.8	-1.6	10.8	21	-1	8	0	81	08	0	6	1
BENI SUEF	00	9	18	1	0	0	-	17.6		9.8	20		5		74	06	0	6	
MINYA	05	5	32	1	0	0	-	17		7	21		8		87	05	0	4	
ASYUT	00	7	00	0	0	0	-	17.9	-1.8	10.0	21	-1	6	-2	62	03	0	0	2
NAG HAMMADI	00	8	00	0	0	0	-	17.8	-0.9	8.0	22		5		71	04	0	0	
QENA	00	7	28	1	0	0	-	17.9	-0.8	10.4	20	.5	5	-4	60	03	0	dr	
LUXOR	00	8	00	0	0	0	-	17		10	22		3		54	01	0	dr	
ASWAN	00	9	02	1	0	0	-	17.0	-1.4	11.2	22	-3	8	-4	28	-07	0	dr	
SIWA	03	7	00	0	2	10	4	19.2	-1.0	7.7	20	-2	4	-1	75	04	0	0	2
BAHARIYA	00	8	32	1	0	0	-	18.7	-1.5	9.3	22	0	4	-2	70	04	0	dr	3
FARAFRA																	0	dr	
DAKHLA	00	8	00	0	0	0	-			7.4	21	-2	4	-3	64	01	0	dr	
KHARGA	00	8	00	0	0	0	-	18.6	-0.5	9.2	20	-4	4	-4	81	06	0	0	
SUEZ	00	7	32	2	0	0	-	17.6	-0.7	12.5	19	-3	8	-3	79	08	0	12	7
TOR	00	8	02	2	0	0	-	16.7	-0.8	12.1	22	-1	7	-3	72	07	0	0	5
HURGHADA	00	7	26	2	0	k	8	17		14	20		9		59	06	0	dr	
QUSEIR	00	8	30	3	0	k	3	15.9	-1.5	17.3	22	-3	14	-2	55	08	0	0	4
PORT SUDAN	01	9		3	1	7	2										0	33	70
WADI HALFA																	0	0	
KAREIMA	00	8	05	1	0	0	-	14		15							0	3	1
ATBARA	02	7	32	2	1	8	2	14		18			14		49	07	0	7	2
KHARTOUM	01	8	30	2	1	5	1	15		19					35	03	0	10	4
KASSALA																	0	2	8
WAD MEDANI	00	9	32	2	0	0	-	13		20					43	07	0	11	12
[illegible]	00	9	32	2	0	0	-	12		24							0	0	49
[illegible]	00	8	30	2	0	0	-	12									0	2	36
[illegible]	01	8	32	1	1	3	1						13				0	0	16
[illegible]	02	8											11				0	0	6
GENEINA																			4
MALAKAL	01	8		3	1	5	2	12		22			15		41	08	0	69	87
WAU	01	8															0	261	142
[illegible]																	0	118	135

PRESENT WEATHER (ww)
Clear 00
Partly cloudy 01
Cloudy 02
Overcast 03
Low Fog 04
Thin Haze 05
Dust Devils 06
Distant Lightning 07
Light Mist or Haze 08
Distant Fog 09
Rain in sight 10

14th

14th
67 +2
77 +8
85 +11
61 +4

15th 16

15th 3

4000	9	93	100	7
450	10	95	100	7
3320	7	75	70	21
4860	6	35	70	13
6480	4	35	100	10
10000	-3	35	190	23
13940	-10	-	210	24
18460	-18	-	210	35
30360	-46	-		
38930	-58	-		

FOUAD A.P. 15
10 7
10 6
10 6
20 5
30 7
40 6

MATRUH 14
90 4
100 4
90 3
90 3
320 5

MINYA 15
350 18
360 16
40 13
30 9
80 10
150 10

PORT SAID 14 30
360 7
20 6
340 7
260 2
330 7
280 12
280 12

15th

5 4 45
170 16 120 10
150 14 110 11
150 12 100 12
Ent Cb 120 4

3 30 3
100 12 60 26
80 12 60 17
80 9 60 19
50 10 70 11
80 8 100 9
170 10
210 23

7 15 3
60 7 10 12
90 10 10 15
80 14 360 15
140 2 360 21
170 12 340 21
160 15
180 21

5 15 5 5
30 6 40 8 80 11
100 10 100 10 150 4
70 6 190 3 140 10
210 12 120 14 140 14
210 17 220 16 140 13
230 13 250 27 200 7
260 27 210 12
200 17

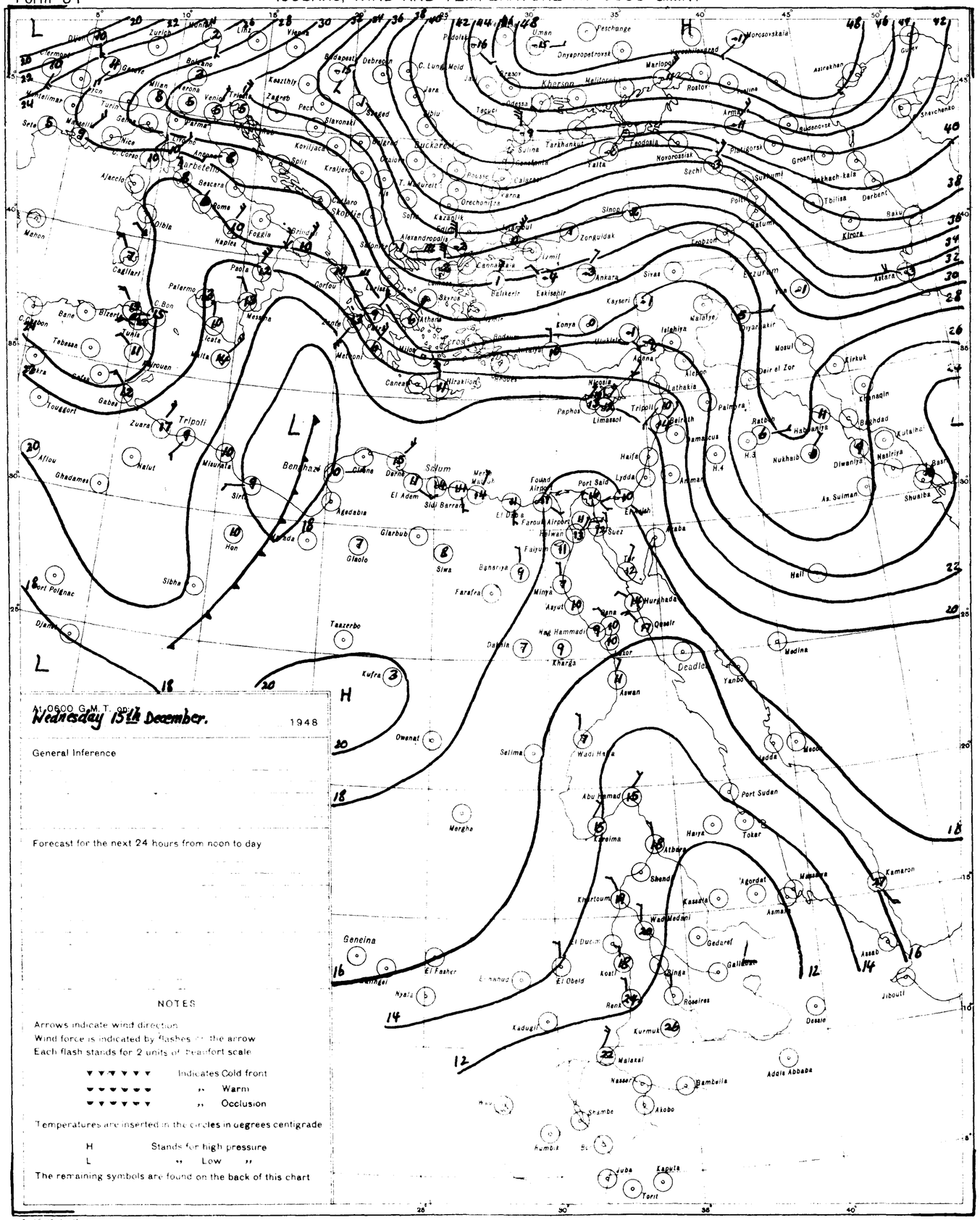
ALMAZA 14
10 6
20 4
40 2
40 4
10 4
350 8

5 5
70 17 70 8
80 22 60 9
80 22 50 8
60 17 200 3
60 16 230 11
160 12
200 9
240 22

9 15
300 10
330 4
360 3

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on

Wednesday 15th December. 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction

Wind force is indicated by flashes on the arrow

Each flash stands for 2 units of Beaufort scale

▼▼▼▼▼▼ Indicates Cold front

▼▼▼▼▼▼ ,, Warm

▼▼▼▼▼▼ ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure

L ,, Low ,,

The remaining symbols are found on the back of this chart

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 44 G.M.T.

" " Sunset 14 57 G.M.T.

MINISTRY OF NATIONAL DEFENCE — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: Thursday 16th December, 1948.

At 1200 on Wednesday 15th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
SIDI BARANI	03	8	02	1	5	10	6	16.4	15.8	78	12	3
MATRUH	02	7	20	1	2	10	8,5	16	18	56	9	0
EL DABA	02	8	12	2	2	8	8	15.1	18.2	54	9	0
ALEXANDRIA	01	9	02	3	2	5	8	15.1	17.4	64	10	0
FOUAD (Airport)	01	7	06	2	0	5	8	15.2	19	64	12	0
DAMIETTA	00	8	02	2	0	tr.	8	14.6	18.2	73	13	0
PORT SAID	00	8	07	3	0	tr.	8	15	18	34	12	0
EL ARISH	00	9	32	2	0	0	—	15.0	17.3	62	10	0
DAMANHUR	01	7	08	3	1	3	8	15.2	20.2	54	10	0
MANSURA	01	8	04	2	1	5	8	15.0	21.2	43	9	0
TANTA	01	8	00	0	1	5	8	15.9	21.0	41	7	0
ZAGAZIG	00	6	08	3	0	0	—	14.7	19.8	71		0
SHIBIN EL KOM	00	8	22	3	0	1	8		20.0	33	3	0
ISMAILIA	00	7	12	1	0	0	—	14.2	20.4	37	5	0
FAROUK (Airport)	00	8	06	3	0	0	—	14	20	38	5	0
ALMAZA	00	7	04	2	0	0	—	13.8	20.8	37	4	0
EZBEKIYA	00	8	32	1	0	0	—	13.9	22.0	28	7	0
GIZA	00	8	32	1	0	0	—	14.2	21.7	38	7	0
HELWAN	00	8	00	0	0	0	—	13.5	21.7	31	4	0
	00	8	00	0	0	0	—	13.6	22.0	44	9	0
	00	9	18	1	0	0	—	13.8	22.9	38	8	0
	00	7	20	2	0	0	—	14	21	38	6	0
	00	8	14	1	0	0	—	14.3	20.3	47	8	0
	00	8	00	0	0	0	—	13.9	23.1	56		0
	00	8	10	2	0	0	—	13.9	20.2	42	6	0
	00	8	08	1	0	0	—	14	23	36	7	0
	02	9	32	1	1	8	4	12.7	23.2	30	4	0
	00	8	04	2	0	0	—	17.2	20.2	54	10	0
	00	8	32	1	0	0	—	15.2	20.2	49	9	0
	00	9	28	1	0	0	—	15.8	21.2	33	4	0
	00	8	00	0	0	0	—	15.4	21.1	35	5	0
	00	8	16	1	0	0	—	14.2	20.6	44	8	0
	00	8	22	1	0	0	—	14.0	21.0	60	13	0
	00	9	00	0	0	1	8	14	20	56	11	0
	00	8	02	4	0	tr.	8	13.8	22.0	55	12	0
	01	8	06	4	2	5	8,4	11	24			0
	00	8	28	2	1	1	2	7	31	24	9	0
	00	8	32	2	0	0	—	6	34	25	11	0
	00	9	32	2	0	0	—	9	30	27	9	0
	00	8	32	2	0	0	—		32	28	11	0
	01	8	32	3	1	7	2		31	8	-7	0
	01	8	04	2	1	5	8	5	29	43	15	0

At 1800 on 15th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. PPP	Temp. TT	Humidity	Dew Point	Rain 12-18 G.M.T. mms
SIDI BARANI	50	8	14	1	2	10	7,5	16.0	13.9	87	12	tr.
MATRUH	02	7	05	1	2	9	8	16	14	88	12	0
EL DABA	01	7	00	0	1	5	7	13.8	17.2	55	8	0
ALEXANDRIA	01	6	08	1	2	5	8	14.7	15.6	68	10	0
FOUAD (Airport)	00	7	04	2	1	1	8,4	14.7	13	88	11	0
DAMIETTA	04		16	2	4	0	—	14.6	13.2	98	13	0
PORT SAID	00	7	08	2	0	0	—	15	16	77	12	0
EL ARISH	00	9	24	1	0	0	—		15.4	77	11	0
DAMANHUR	00	6	08	2	1	1	4	15.4	13.7	89	12	0
MANSURA	00	6	04	1	1	0	—	14.7	12.5	89	10	0
TANTA	01	8	00	0	1	5	8	15.3	13.0	85	11	0
ZAGAZIG	00	6	00	0	0	0	—	15.0	13	88	11	0
SHIBIN EL KOM	00	7	30	2	0	0	—	19.2	13.0	70	8	0
ISMAILIA	00	6	02	1	0	0	—	17.1	13.2	77	9	0
FAROUK (Airport)	00	7	10	2	0	0	—	14	14	67	8	0
ALMAZA	00	7	10	2	0	0	—	14.1	14.5	73	8	0
EZBEKIYA	00	7	00	0	0	0	—	14.3	13.6	65	8	0
GIZA	00	7	00	0	0	0	—	14.7	12.8	69	8	0
HELWAN	00	7	18	2	0	0	—	13.9	15.2	47	4	0
	09	6	00	0	0	0	—	14.2	12.8	81	10	0
	00	9	00	0	0	0	—	14.6	11.2	83	8	0
	00	7	21	1	0	0	—	15	13	55	4	0
	00	6	18	1	0	0	—	15.5	13.8	49	3	0
	00	8	00	0	0	0	—	13.9	11.9	66	6	0
	00	6	08	1	0	0	—	14.7	11.7	79	8	0
	00	7	00	0	0	0	—	14	14	52	4	0
	02	9	00	0	1	8	4	13.8	17.8	40	4	0
	00	6	00	0	0	0	—	16.8	10.5	71	5	0
	01	7	32	1	1	5	4	15.8	12.0	54	3	0
	00	8	00	0	0	0	—	15.8	14.0	57	6	0
	00	7	00	0	0	0	—	15.5	12.2	43	0	0
	00		00	0	0	0	—	13.8	13.7			0
	00	8	02	2	0	0	—	13.8	14.6	50	4	0
	00	8	28	1	0	0	—		18	78	14	0

At 0600 on Thursday 16th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	M.S.L. mbs PPP	Diff. from normal mbs	Dry Bulb TT	Max. Yesterday T_xT_x	Diff. from norm.	Min. Today T_nT_n	Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total From Oct 1	Norm. From Oct 1
SIDI BARANI	01	8	20	4	2	5	9,4	15.4		11.0	16		9		87	9	3	138	
MATRUH	01	7	22	3	1	5	8,1	15		11	19		9		82	8	dr.	106	
EL DABA	01	7	24	1	1	5	8	14.0		11.4	20		8		78	7	0	92	
ALEXANDRIA	02	9	20	2	6	8	9	14.6	-4.0	14.4	19	-2	12	0	81	11	3	103	68
FOUAD (Airport)	81	7	22	3	2	8	,4,1	14.1		12	20		10		95	12	Tr.	90	
DAMIETTA	04		18	2	4	9	8	14.4	-3.6	11.6	20		10		94	11	0	57	31
PORT SAID	05	6	24	3	2	10	8	14		14	19		13		88	12	0	15	
EL ARISH	01	9	16	1	1	7	8	14.2	-4.6	13.2	18	-3	9	0			0	30	25
DAMANHUR	01	6	20	3	1	7	8	14.6	-4.1	10.2	21	-1	9	-1	87	8	0	20	26
MANSURA	02	7	24	1	2	8	6	14.6	-4.0	10.4	22	0	9	-1	91	9	0	12	13
TANTA	02	7	00	0	2	9	7	14.4	-4.6	10.0	21	-1	7	-2	98	10	0	8	10
ZAGAZIG	01	6	16	1	1	5	6	14.4	-4.8	9.8	21	0	7	-1	98	10	0	3	8
SHIBIN EL KOM	01	7	22	2	1	5	9			10.4	22		7		73	5	0	4	
ISMAILIA	03	5	20	1	2	10	5	15.0		10.2	22		8		81	7	0	4	
FAROUK	02	7	18	2	2	8	8,2	15		12	21		9		77	8	0	Dr.	
ALMAZA	01	7	17	3	2	7	8	15.2	-3.9	11.5	21		9		68	6	0	2	
EZBEKIYA	05	6	00	0	1	8	8,4	15.6	-3.5	10.8	23	+2	10	0	77	7	0	6	6
GIZA	05	6	00	0	1	8	8,4	15.6	-3.5	9.1	22	+1	6	-2	87	7	0	12	8
HELWAN	05	6	08	1	2	9	6	16.0	-3.4	10.7	22	+2	9	-1	73	6	0	6	6
	02	8	00	0	2	9	6	15.6	-3.8	9.8	23	+1	8	0	70	5	0	Tr.	1
	02	9	18	1	0	8	6,5	16.2		10.7	23		6		62	4	0	Tr.	
	05	5	18	2	1	1	1	17		9	22		6		62	2	0	4	
	00	7	16	1	0	0	—	17.1	-2.6	12.2	21	0	5	-3	63	5	0	0	2
	00	8	00	0	0	0	—	16.4	-2.4	8.7	24		4		61	2	0	0	
	00	7	24	2	0	0	—	16.6	-2.9	11.0	21	-4	7	-2	61	4	0	Dr.	
	02	8			0	10	5				25		6			4	0	Dr.	
	02	9	02	2	1	8	4	15.8	-2.7	15.4	25	0	10	-2	45	3	0	Dr.	
	00	7	24	1	0	0	—	17.4	-2.8	9.5	21	-1	3	-2	65	4	0	0	3
	01	8	00	0	1	3	4	17.1	-3.1	11.0	22	+1	7	+1	63	4	0	Dr.	3
																	0	Dr.	
	00	8	24	1	0	0	—			6.6	21	-2	4	-3	64	1	0	Dr.	
	00	8	00	0	0	0	—	18.0	-1.1	9.1	22	-2	4	-4	66	3	0	0	
	01	7	32	2	1	5	8	15.5	-2.8	11.2	23	+1	8	-3	69	6	0	12	7
	00	8	02	3	0	0	—	15.6	-2.0	10.0	21	-2	7	-3	60	3	0	0	5
	01	9	24	1	0	7	6,4	15		14	21		10		48	3	0	Dr.	
	02	8	24	3	2	9	4	15.2	-2.2	18.3	23	-2	17	+1	68	12	0	0	4
																	0	33	71
																	0	0	
	00	8	30	3	0	tr.		14		17					32	0	0	3	1
	00	8	28	2	0	0	—	13		19			10		56	10	0	7	2
																	0	0	4
	00	8			1	tr.	4	10		24			11		65	17	0	2	8
																	0	11	12
																	0	0	49
																	0	2	36
	00	8	24	1	1	2	4	11		21			15		23	-1	0	0	16
	00	8	00	0	0	2	1										0	0	6
																			4
	02	8	02	3	1	8	4	11		23					57	14	0	69	87
																	0	261	142
																	0	118	136

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Clouds	02
Overcast	03
Low fog	04
Thin Haze	05
Dust Devils	06
Distant lightning	07
Light Mist or Rain	08
Distant Fog	09

15th

64	-1
69	0
76	+2
51	-6

16th 1.4

16th

	11	69	210	8
370	11	75	210	8
3250	9	75	30	4
4800	5	75	270	15
6420	2	65	260	12
9920	-4	35	240	22
13860	-12	45	200	23
18330	-24		210	37
29920	-43		230	67
38800	-48		220	94

15th

Port Said 14 15		Matruh Ap 14		Fouad Ap. 14 30		Minya Ap. 14 30		Almaza 14	
60	11	250	10	30	6	170	5	10	5
40	12	240	10	40	5	170	6	10	4
40	11	240	8	40	5	210	7		
		200	7	30	7	250	7		
				10	8	240	7	180	5
		210	7	Ent Sa		280	5	170	7
								210	11

16th

5		4 45		3 30	
270	19	270	19	260	14
280	19	280	17	270	12
280	19	280	23	270	15
280	19	280	21	290	14
		280	14	250	10
		280	17		

4		10		7 15		3	
290	5	220	5	180	5	220	4
290	9	260	8	250	7	260	15
300	10	260	6	290	10	250	16
270	13	280	8	290	10	290	18
250	12	280	7	230	10	270	22
240	21						
200	24						
210	37						

6 30		5		5 15	
340	9	10	3	330	15
32?	3	330	14	330	15
320	8	280	14	300	13
300	6	250	19	280	14
290	6	230	17	290	16
		240	27		

5		5		15	
300	5	310	7	330	10
330	5	300	8	300	10
320	10	300	12	260	8
300	17	310	17	260	12
270	22	310	17	250	22
290	35			240	34

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on *Thursday 16th December,* 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of Beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

S.of E. 1948(48/195)

SCALE 1:15,000,000

MINISTRY OF NATIONAL DEFENCE — METEOROLOGICAL DEPARTMENT — EGYPT

Form 91

DAILY WEATHER REPORT

Date: FRIDAY 17th DECEMBER, 1948

At 1200 on THURSDAY 16th

Index	Station	Present weather ww	Visibility V	Wind Direction DD	Wind Force F	Past weather W	Cloud Amount 0-10	Cloud Form C	Bar. press. M.S.L. PPP	Temp. °C TT	Humidity % UU	Dew point °C	Rain 6-12 G.M.T. mms
146	SIDI BARANI	03	9	02	4	1	9	6	15.1	16.2	69	10	0
160	MATRUH	01	7	30	3	1	5	8	15	16	68	10	0
134	EL DABA	01	8	24	2	1	5	8	14.2	17.2	61	09	0
132	ALEXANDRIA	02	9	22	4	5	8	9	13.9	17.0	67	11	dr
150	FOUAD (Airport)	02	7	28	3	1	8	8	13.7	17	68	11	0
159	DAMIETTA	60	6	22	3	5	9	9	14.0	16.3	76	12	tr
161	PORT SAID	01	7	24	3	2	5	9,4	14	19	64	12	0
135	EL ARISH	02	9	24	1	2	8	6	14.2	17.7	63	10	0
136	DAMANHUR	02	7	24	4	2	8	8	14.6	19.0	54	10	0
137	MANSURA	01	8	24	2	1	5	6	13.9	20.0	43	07	0
	TANTA	01	8	20	3	1	5	8	15.4	19.0	54	10	0
139	ZAGAZIG	01	6	16	2	1	5	8	14.7	18.8	54	08	0
	SHIBIN EL KOM	01	8	22	4	1	3	8		18.2	43	05	0
	ISMAILIA	01	7	22	2	1	5	8	15.4	20.0	64		0
628	FAROUK (Airport)	01	7	20	4	1	7	9	14	19	50	09	0
	ALMAZA	01	7	23	3	1	5	8	14.6	18.9	48	07	0
	EZBEKIYA	02	8	22	3	1	8	8	14.8	19.5	40	06	0
	GIZA	02	8	22	3	1	8	8	14.8	21.4	40	07	0
	HELWAN	01	8	00	0	1	7	9	14.3	15.0	54	06	0
	FAIYUM	02	8	30	2	2	9	6	15.2	20.0	46	08	0
	BENI SUEF	01	9	28	1	0	3	8	15.0	21.9	44	09	0
	MINYA	01	7	29	4	0	3	8	15	21	28	02	0
	ASYUT	00	8	18	1	0	0	-	15.1	20.0	40	06	0
	NAG HAMMADI	00	8	24	1	0	0	-	13.6	21.3	36	06	0
	QENA	00	8	26	3	0	0	-	14.4	20.4	34	04	0
	LUXOR	00	8	26	3	0	0	-	14	21	38	06	0
	ASWAN	00	9	30	2	0	0	-	14.3	22.0	25	01	0
	SIWA	00	8	30	4	0	0	-	18.2	19.5	53	10	0
	BAHARIA	01	8	28	2	1	3	8	16.0	19.0	38	04	0
	FARAFRA												
	DAKHLA	00	9	28	2	0	0	-	18.2	18.2	35	03	0
	KHARGA	00	8	04	4	0	0	-	17.1	20.0	38	05	0
	[illegible]	01	7	00	0	1	5	9	13.0	20.4	45	08	0
	TOR	00	8	28	2	0	0	-	13.4	21.0	34	05	0
	HURGHADA	00	9	32	3	0	0	-	13	21	57	12	0
	[illegible]	01	8	32	3	1	5	4	12.8	22.0	59	13	0
	[illegible]	01	8	04	3	1	5	9,4	10	27	79	23	0
	WADI HALFA												
	[illegible]	00	8	30	3	0	6	4	11	33	10	-02	0
	[illegible]	00	8	30	2	0	0	-	8	32	24	09	0
	[illegible]	01	8	30	3	1	3	2	8	32	14	01	0
	[illegible]	00	8	32	1	0	0	-	4	37	13	04	0
	[illegible]	02	8	30	2	0	10	4	6	35	18	07	0
	[illegible]	00	9	04	2	0	0	-				06	0
	[illegible]	00	8	32	2	0	0	-	4	34			0
	[illegible]	01	8	02	3	0	3	5	6	32	17	04	0
	[illegible]	01	8	32	3	1	7	4		32	15	02	0
	[illegible]	00	8	04	3	0	0	-		29			
	[illegible]	01	7	04	1	1	5	8	4	37	25	14	0
	[illegible]	0	8	02	3	1	7	8	7	31	35	18	0

At 1800 on 16th

Station	Present weather ww	Visibility V	Wind Direction DD	Wind Force F	Past weather W	Cloud Amount 0-10	Cloud Form C	Bar. press. M.S.L. mbs PPP	Temp. °C TT	Humidity UU	Dew point °C	Rain 12-18 G.M.T. mms
SIDI BARANI	03	8	28	6	6	10	6	17.8	13.7	67	08	5
MATRUH	02	7	01	2	8	10	8	17	14	77	10	2
EL DABA	01	7	28	2	1	5	8		15.0	74	09	0
ALEXANDRIA	02	6	24	2	5	9	9	16.2	14.4	76	10	dr
FOUAD (Airport)	25	7	26	1	8	8	8	15.5	14	88	12	3
DAMIETTA	03		20	2	5	10	9	14.8	13.0	95	12	dr
PORT SAID	01	7	24	4	0	3	9	15	15	72	10	0
EL ARISH	01	9	24	2	1	3	8	15.2	13.5	93	13	0
DAMANHUR	61	4	28	3	5	10	9	16.2	13.2	91	12	1
MANSURA	00	6	24	1	1	0	-	15.8	12.8	82	09	0
TANTA	01	8	00	0	1	5	8	17.2	12.2	74	07	0
ZAGAZIG	00	6	00	0	0	0	-	16.3	10.8	79	07	0
SHIBIN EL KOM	00	7	28	2	0	0	-		14.6	68	09	0
ISMAILIA	00	6	22	1	0	0	-	15.6	14.2	55	05	0
FAROUK (Airport)	00	7	22	3	0	0	-	16	14	55	05	0
ALMAZA	00	7	22	2	0	0	-	16.2	14.2	48	05	0
EZBEKIYA	00	7	00	0	0	0	-	16.4	14.2	51	04	0
GIZA	00	7	00	0	5	0	-	16.7	11.5	72	07	dr
HELWAN	00	7	00	0	0	0	-	16.2	13.9	50	04	0
FAIYUM	00	8	00	0	0	0	-	17.1	13.4	65	07	dr
BENI SUEF	00	9	02	1	0	0	-	18.2	12.9	76	09	0
MINYA	00	7	30	1	1	0	-	17	12	51	02	0
ASYUT	00	6	20	1	0	0	-	18.2	12.6	59	05	0
NAG HAMMADI	00	8	00	0	0	0	-	14.8	12.9	73	08	0
QENA	00	6	24	2	0	0	-	17.5	13.4	64	07	0
LUXOR	00	7	27	2	0	0	-	17	16	49	05	0
ASWAN												
SIWA	00	6	00	0	0	0	-	18.0	11.5	63	05	0
BAHARIA	00	7	24	1	1	0	-	18.0	13.0	45	01	0
FARAFRA	00	7	22	1	0	0	-	18.3	11.0	65	05	0
DAKHLA	00	8	00	0	0	0	-		13.9	50	04	0
KHARGA	00	7	00	0	0	0	-	18.7	14.2	44	02	0
[illegible]	00	6	00	0	0	0	-	15.4	15.1	57	07	0
TOR	00	8	28	3	0	0	-	14.8	18.0	44	05	0
HURGHADA	00	9	28	3	0	0	-	16	19	83	16	0
[illegible]	00	8	30	2	0	0	-	14.8	18.6	51	09	0

At 0600 on FRIDAY 17th

Station	ww	V	DD	F	W	Cloud Amount 0-10	Cloud Form	Bar. pressure M.S.L. PPP	Diff. from normal mb	Dry Bulb TT	Max. Yesterday TxTx	Max. Diff. from norm.	Min. Today TnTn	Min. Diff. from norm.	Humidity % UU	Dew point °C	Rainfall Past 24 hrs	Total From Oct 1	Norm. From Oct 1
SIDI BARANI	01	8	20	5	6	5	6	17.6		10.5	17		9		87	08	8	146	
MATRUH	25	7	24	3	8	10	8	18		10	17		10		95	10	6	112	
EL DABA	21	7	24	1	5	10	9	17.2		11.4	17		10		83	08	dr	92	
ALEXANDRIA	02	8	16	2	6	9	9	17.2	-1.4	12.5	18	-2	11	-1	93	12	19	124	69
FOUAD (Airport)	82	7	19	2	8	10	9	16.3		13	19		12		94	12	24	114	
DAMIETTA	03		20	3	5	10	9	16.2	-1.8	12.9	19		9		94	12	1	58	31
PORT SAID	02	7	21	4	8	8	8	17		13	19		11		82	10	1	16	
EL ARISH	21	9	20	1	5	10	9	16.6	-2.2	12.2	21	0	8	-1	90	10	dr	30	26
DAMANHUR	61	3	28	2	5	10	9	17.5	-1.2	11.3	21	-1	10	0	99	10	2	22	26
MANSURA	03	7	24	1	2	10	6	16.8	-1.8	9.0	21	-1	8	-1	89	07	0	12	13
TANTA	50	6	00	0	2	10	7	18.2	-0.9	11.6	21	-1	6	-2	77	07	0	8	11
ZAGAZIG	01	6	16	1	1	5	6			9.8	21	0	7	-1	98	09	0	3	8
SHIBIN EL KOM	09	5	30	1	4	0	-			10.2	21		8		82	07	0	4	
ISMAILIA	03	5	16	1	2	10	5	17.8		10.8	20		9		81	07	0	4	
FAROUK (Airport)	01	7	18	6	1	5	5			12	20		9		77	08	0	dr	
ALMAZA	02	7	18	3	1	8	6	17.7	-1.4	11.8	20		8		64	04	0	2	
EZBEKIYA	03	7	16	1	2	10	6	17.9	-1.2	10.1	20	-1	9	-1	66	04	0	6	6
GIZA	03	7	16	1	2	10	6	17.9	-1.2	10.0	22	+1	8	0	80	07	dr	12	8
HELWAN	03	6	12	2	2	10	6	18.3	-1.1	9.5	18	-2	9	-1	60	03	0	6	6
FAIYUM	01	8	18	2	1	3	6	19.1	-0.3	10.9	21	-1	9	+1	68	04	dr	7	1
BENI SUEF	01	9	18	1	0	5	4	19.6		10.4	22		7		73	05	0	tr	
MINYA	05	6	19	2	0	0	-	19		9	22		4		62	02	0	4	
ASYUT	00		22	1	0	0	-	20.3	+0.5	11.2	20	-1	6	-2	61	04	0	0	3
NAG HAMMADI																	0	0	
QENA	00	7	20	2	0	0	-	20.6	+1.9	12.4	21	-3	7	-2	61	05	0	dr	
LUXOR	00	8	16	1	0	0	-	19		10	22		6		71	05	0	dr	
ASWAN	00	9	32	1	0	0	-	20.4	+1.8	14.2	24	-1	9	-3	53	04	0	dr	
SIWA	00	7	00	0	0	0	-	20.8	+0.5	9.0	21	-1	7	+2	48	-02	0	0	3
BAHARIA	00	8	24	1	0	0	-	19.5	-0.7	9.5	20	-1	6	0	55	01	0	dr	3
FARAFRA	00	8	16	1	0	0	-	20.8		10.1	20		3		65	04	0	dr	
DAKHLA	00	8	00	0	0	0	-	20.2	+0.1	8.0	20	-3	5	-2	58	00	0	dr	
KHARGA	00	8	00	0	0	0	-	20.5	+1.4	9.3	22	-2	5	-3	65	03	0	0	
[illegible]	01	7	00	0	1	3	9	16.3	-2.1	9.9	22	0	7	-4	73	04	0	12	7
TOR	00	8	02	2	0	0	-	17.5	-0.1	12.9	22	-1	9	-1	58	05	0	0	5
HURGHADA	00	9	25	2	0	1	8	17		14	23		9		59	06	0	dr	
[illegible]	00	8	26	4	0	0	-	17.0	-0.5	16.2	24	0	14	-2	40	03	0	0	4
[illegible]	01	8	32	5	0	3	6	12		25							0	33	72
WADI HALFA																	0	0	
[illegible]	02	8	32	4	1	10	2	17		16			12		28	-03	0	3	1
[illegible]	00	7	30	4	0	2	2	15		17					28	-2	0	7	2
[illegible]	00	8	30	4	0	2	1	14		18			16		30	00	0	10	4
[illegible]	00	8	00	0	0	0	-	12		21			16		50	10	0	2	8
[illegible]																	0	11	12
[illegible]																	0	0	49
[illegible]																	0	2	36
[illegible]	01	8	04	2	1	5	2	17		14			12		27	-05	0	0	16
[illegible]																	0	0	6
[illegible]																	0		4
[illegible]																	0	69	88
[illegible]																	0	261	142
[illegible]	02		08	1	1	9	6,4	10		26			22		74	21	dr	118	136

PRESENT WEATHER (ww)
Clear 00
Partly cloudy 01
Cloudy 02
Overcast 03
Low Fog 04
Thin Haze 05
Dust Devils 06
Distant Lightning 07
Light Mist or Haze 08
Distant Fog 09
Rain in sight 10

16th
14 +9
56 -13
73 -1
57 0
17th 38

17th 3
7668 10 61 204 11
450 10 55 200 11
3310 7 65 260 18
4840 3 75 260 21
6430 00 85 230 22
9910 -6 45 260 25
16820 -12 15 270 40
18340 -20 - 230 44
30130 -45 -
38840

16th

MATRUH 13 45
300 3
300 7
270 8
270 8

FOUAD A.R 15
330 12
340 14
330 17
320 24

PORT SAID 14
270 28
270 26
260 26
260 23
250 30

MINYA 15
300 21
300 18
300 19
300 13

17th

5 / 5
250 22 270 22
260 21 280 20
270 19 300 17
280 17 290 16
280 16 Ent Cu

4 45 / 3 / 8 30
240 7 330 10 220 6
300 9 260 7
260 6 230 16 260 8
260 4 280 17 280 8
230 20 Ent Ns
230 22
260 29
230 50

3
200 15
10 20
350 31
360 47

5 30
330 7
350 17
340 16
340 18
310 12

5
300 13
300 12
320 17
320 31
300 31

ALMAZA 14
280 7
280 7
280 8
280 9
270 10
270 6

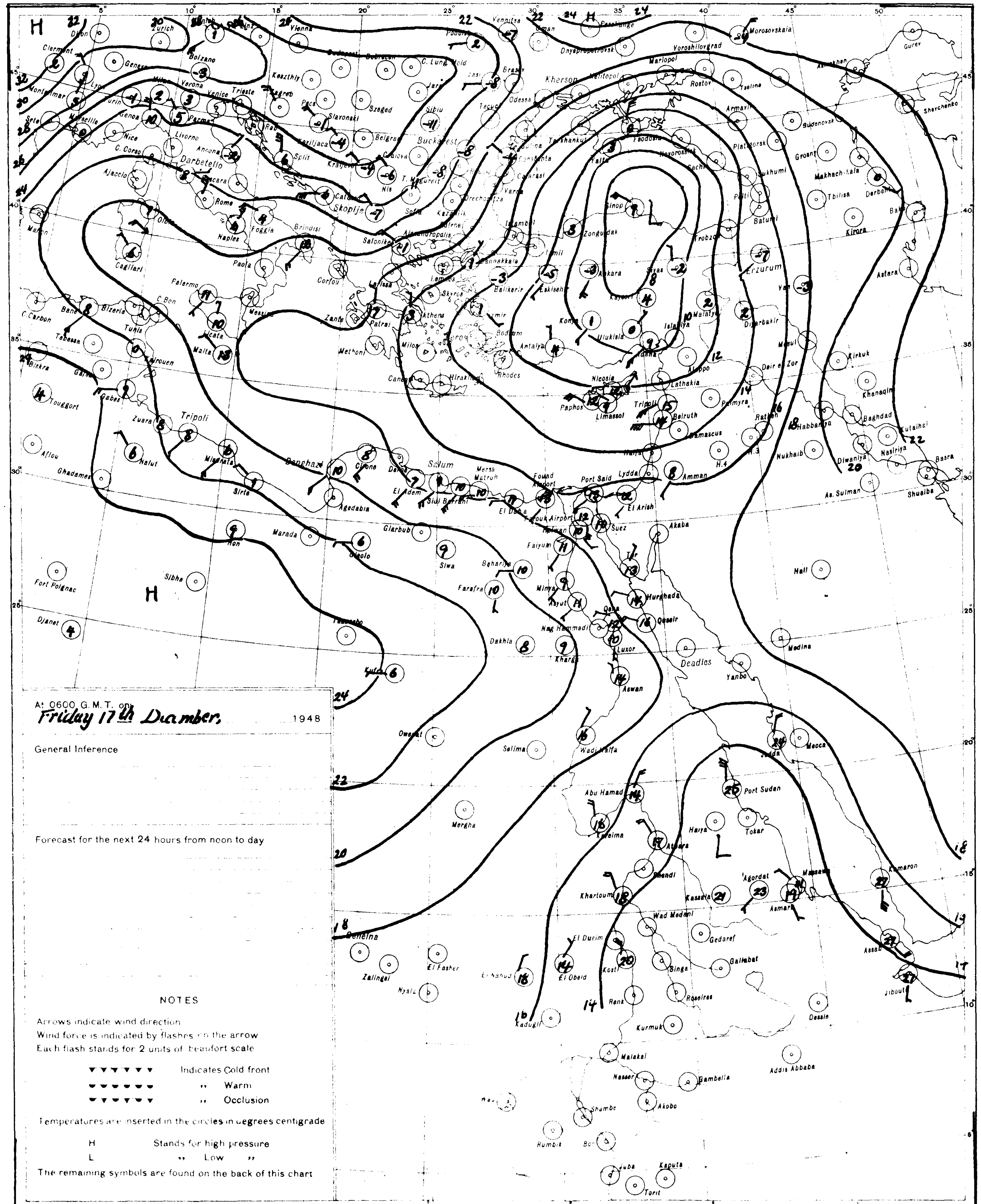
5 / 5 / 7
270 15 340 7 360 2
280 24 360 13 360 4
280 33 340 14 360 16
290 33 300 10 300 13
310 34 330 13 300 17
290 36

4
40 12
10 10
280 5
250 9

4 30
10 11
40 9
360 9

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



S of E 1948(48)/951

SCALE 1 15,000,000

OAIRO
Time of Sunrise 04 45 G.M.T.
" " Sunset 14 58 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: SATURDAY 18th DECEMBER, 1948.

At 1200 on FRIDAY 17th

AREA	INDEX NUMBER	STATION	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI	10	8	22	3	1	9	6	15.8	15.7	56	07	0
	160	MATRÛH	01	7	27	5	2	3	8	16	16	59	08	0
	134	EL DABA	10	8	22	3	1	9	6,5		15.7	56	07	0
	132	ALEXANDRIA	02	9	24	3	6	8	9	17.4	15.2	60	07	1
	150	FOUAD (Airport)	25	7	26	3	8	10	8	16.6	15	77	11	R
	159	DAMIETTA	02	8	24	3	5	8	8	16.2	14.7	72	10	k
	161	PORT SAÏD	02	7	23	3	8	9	8,4	16	15	77	11	R
	135	EL ARISH	20	9	28	4	5	10	9	16.4	15.8	73	11	dr
LOWER EGYPT	136	DAMANHÛR	02	7	28	3	6	8	8	17.2	16.2	58	08	2
	137	MANSÛRA	02	7	30	2	5	8	9	16.4	16.0	64	09	dr
	138	TANTA	02	8	00	0	6	8	8	16.7	17.0	70	11	k
	139	ZAGAZIG	01	6	16	2	1	5	8	17.6	17.2	70	12	0
		SHIBÎN EL KOM	01	8	22	3	1	3	8	16.7	20.4	41	06	0
		ISMAÏLIA	01	7	20	1	1	5	8	15.4	20.5	38	05	0
CAIRO AREA	928	FAROUK (Airport)	02	7	24	4	2	8	8	16	16	64	09	0
	141	ALMÂZA	01	7	26	2	1	5	8	16.8	16.4	60	08	0
		EZBEKIYA	02	8	24	2	2	9	8	17.0	18.0	57	09	0
		GÎZA	02	8	24	2	2	9	8	17.4	17.7	56	09	0
	143	HELWÂN	02	7	00	0	6	9	6	17.2	15.9	67	10	k
UPPER EGYPT	153	FAIYÛM	02	8	28	2	2	9	8	17.5	18.2	48	07	0
		BENI SUEF	02	9	18	1	0	5	9	17.6	19.9	49	09	0
	162	MINYA	00	8	28	4	0	2	8	18	20	33	03	0
	155	ASYÛT	00	8	26	1	0	0	-	18.3	18.2	35	03	0
	164	NAG HAMMADI	00	8	24	1	0	0	-	17.0	21.2	36	05	0
	156	QENA	00	8	22	3	0	0	-	17.6	19.3	32	02	0
	157	LUXOR	00	8	28	3	0	0	-	18	20	35	04	0
	158	ASWAN	00	9	32	3	0	0	-	17.6	20.0	32	03	0
	148	SIWA	00	8	24	2	0	0	-	19.8	19.5			0
	149	BAHARIYA	01	8	24	1	1	3	8	18.6	19.0	46	07	0
		FARAFRA	00	8	26	1	0	0	-	19.8	18.4	54	09	0
	152	DAKHLA	00	9	28	1	0	0	-	18.2	18.3	33	01	0
	151	KHARGA	00	8	00	0	0	0	-	18.0	20.8	32	04	0
	144	SUEZ	02	7	28	3	2	8	9	15.5	18.2	48	07	0
	145	TOR	00	8	28	2	0	0	-	17.0	20.0	32	03	0
	[illegible]	HURGHADA	00	9	01	1	0	0	-	16	19	49	08	0
	[illegible]	QUSEIR	00	8	32	4	0	0	-	16.7	20.6	36	05	0
	[illegible]	PORT SUDAN	03	7	20	6	2	10	6	12	25	61	17	0
		WADI HALFA												
		KAREIMA	00	8	02	2	1	0	-	14	23	16	-4	0
		ATBARA	00	7	32	4	0	0	-	12	26	16	-2	0
		KHARTOUM	00	8	11	3	0	1	2	11	28	12	-4	0
		KASSALA												
		WAD MEDANI	00	8	32	2	0	0	-	6	34	16	05	0
		RENK	00	9	32	3	0	0	-	7	38	14	06	0
		[illegible]	00	8	08	2	0	0	-	9	34	25	11	0
		[illegible]	01	8	32	4	1	5	1	9	27	08	-10	0
		[illegible]	00	8	06	3	1	0	-		24	12	-8	0
		GENEINA	00	8			0	1			33	07	-7	0
		MALAKAL	00	8	32	4	0	k	4	6	33	19	06	0
		WAU	00	8	12	3	0	0	-	5	34	20	08	0
		JUBA												

At 1800 on 17th

STATION	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARÂNI												
MATRÛH	51	7	22	2	0	8		16	14	77	10	0
EL DABA												
ALEXANDRIA	02	9	20	3	5	9	9	17.2	14.0	87	12	dr
FOUAD (Airport)	02	7	22	2	2	8	8	17.0	14	82	10	P
DAMIETTA	02		22	2	2	8	9	17.4	12.5	90	10	0
PORT SAÏD	01	7	21	3	1	5	8,4	18	14	77	10	R
EL ARISH	01	8	24	3	1	3	8	17.2	11.8	88	10	0
DAMANHÛR	01	5	28	2	1	5	8	18.0	12.6	86	11	0
MANSÛRA	01	6	20	2	1	5	9	17.5	12.0	89	10	0
TANTA	02	8	00	0	2	8	8	18.3	11.0	92	10	0
ZAGAZIG	00	6	00	0	0	0	-	18.0	11.3	94	10	0
SHIBÎN EL KOM	00	7	28	2	0	1	6	19.2	13.8	73	09	0
ISMAÏLIA	01	6	22	1	1	5	4	16.3	13.0	80	10	0
FAROUK (Airport)	00	7	00	0	0	2	6	18	12	80	10	0
ALMÂZA	00	7	28	2	1	2	6	18.0	13.0	66	07	0
EZBEKIYA	00	7	00	0	0	0	-	18.3	12.3	75	08	0
GÎZA	00	7	00	0	0	0	-	18.6	10.0	74	06	0
HELWÂN	00	7	26	2	0	1	6	18.2	13.2	53	04	0
FAIYÛM	00	8	00	0	0	0	-	18.6	13.0	70	08	0
BENI SUEF	00	9	18	1	0	0	-	18.7	12.8	65	07	0
MINYA	00	7	00	0	0	k	6	19	12	55	03	0
ASYÛT	00	6	20	1	0	0	-	19.9	12.5	49	02	0
NAG HAMMADI	00	8	00	0	0	0	-	17.5	10.9	67	05	0
QENA	00	6	24	2	0	0	-	18.6	13.0	59	05	0
LUXOR	00	7	27	1	0	0	-		13	48	02	0
ASWAN	00	9	00	0	0	0	-	19.1	18.0	28	-01	0
SIWA	00	6	00	0	0	0	-	19.6	15.2	66	09	0
BAHARIYA	00	7	24	1	0	0	-	19.9	11.0	58	03	0
FARAFRA	00	7	24	1	0	0	-	20.0	12.4	60	04	0
DAKHLA	00	8	00	0	0	0	-	/	13.0	45	01	0
KHARGA	00	7	00	0	0	0	-	20.4	12.9	38	-1	0
SUEZ	00	6	00	0	0	1	8	17.0	14.3	59	06	0
TOR	00	8	28	3	0	0	-	17.4	17.0	50	06	0
HURGHADA	00	8	28	3	0	tr	6	17	18	60	10	0
QUSEIR	00	8	30	4	0	0	-	16.7	17.0	52	07	0

At 0600 on SATURDAY 18th

STATION	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Max. Yesterday TxTx	Diff. from norm.	Min. Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total from Oct. 1	Norm. from Oct. 1	STATION	AREA
SIDI BARÂNI																		146		SIDI BARÂNI	MEDITERRANEAN
MATRÛH	01	7	23	2	0	7	8,4	18		11			9		82	08	c	112		MATRÛH	
EL DABA																	0	92		EL DABA	
ALEXANDRIA	32	9	00	0	6	9	9	17.5	-1.1	13.4	17	-3	12	0	94	12	3	127	71	ALEXANDRIA	
FOUAD (Airport)	25	7	22	2	8	10	8,4	16.9		13	17		12		95	13	4	118		FOUAD (Airport)	
DAMIETTA	01		18	2	1	5	8	17.6	-0.4	10.8	15		7		90	09	k	58	32	DAMIETTA	
PORT SAÏD	02	7	20	4	1	9	6	18		13	16		12		63	06	k	17		PORT SAÏD	
EL ARISH	00	9	20	3	0	1	8	18.0	-0.8	10.4	20	-1	8	-1	84	07	dr	30	26	EL ARISH	
DAMANHÛR	01	6	24	4	1	7	8	18.2	-0.5	11.2	18	-3	10	+1	83	08	2	24	27	DAMANHÛR	LOWER EGYPT
MANSÛRA	01	7	14	1	1	5	4	17.9	-0.7	9.5	18	-3	8	-1	80	07	dr	12	13	MANSÛRA	
TANTA	00	8	00	0	1	0	-	18.8	-0.3	11.0	18	-4	7	-1	82	08	k	8	11	TANTA	
ZAGAZIG	00	6	32	2	0	0	-	17.8	-1.4	10.8	21	0	8	0	72	06	0	3	8	ZAGAZIG	
SHIBÎN EL KOM	00	7	28	2	0	1	8	19.9	+0.8	11.3	22		8		71	06	0	4		SHIBÎN EL KÔM	
ISMAÏLIA	00	6	16	1	0	0	-	18.8		14.0	21		9		57	06	0	4		ISMAÏLIA	
FAROUK (Airport)	00	8	18	4	0	0	-	19		12	18		10		58	05	0	dr		FAROUK (Airport)	CAIRO AREA
ALMÂZA	00	8	18	4	1	1	6	17.0	-0.2	12.7	18		10		55	04	0	2		ALMÂZA	
EZBEKIYA	00	7	00	0	0	k	4	19.4	+0.2	11.3	19	-2	9	-1	65	04	0	6	6	EZBEKIYA	
GÎZA	00	7	00	0	0	k	4	19.5	+0.3	10.4	18	-3	7	-1	70	05	0	12	8	GÎZA	
HELWÂN	01	6	12	2	1	5	4	19.5	+0.1	11.6	18	-2	9	-1	55	03	k	6	6	HELWÂN	
FAIYÛM	01	7	00	0	1	3	6	20.2	+0.8	9.0	21	-1	5	-3	71	04	0	[symbol]	1	FAIYÛM	UPPER EGYPT
BENI SUEF	01	9	18	1	0	3	1	20.3		9.7	20		6		68	04	0	[symbol]		BENI SUEF	
MINYA	05	6	00	0	0	3	1	20		9	20		4		71	04	0	4		MINYA	
ASYÛT	00	7	18	1	0	0	-	20.6	+0.8	10.8	20	-1	6	-1	77	07	0	0	3	ASYÛT	
NAG HAMMADI	00	8	00	0	0	0	-	20.0	+1.0	9.5	21		4		69	04	0	0		NAG HAMMADI	
QENA	00	7	26	2	0	0	-	20.3	+1.6	11.4	20	-4	6	-3	69	05	0	dr		QENA	
LUXOR	00	8	00	0	0	k	1	19		11	21		2		63	04	0	dr		LUXOR	
ASWAN	00	9	00	0	0	0	-	18.3	-0.4	13.0	21	-4	7	-5	52	03	0	dr		ASWAN	
SIWA	00	7	00	0	0	0	-	19.6	-0.7	7.5	20	-1	4	-1	65	02	0	0	3	SIWA	
BAHARIYA	01	8	00	0	1	3	5	21.0	+0.8	8.8	19	-2	3	-3	63	02	0	dr	3	BAHARIYA	
FARAFRA	00	8	20	1	0	0	-	21.2		7.0	19		3		69	02	0	dr		FARAFRA	
DAKHLA	00	8	00	0	0	0	-	21.6	+1.4	6.0	20	-3	1	-5	53	-03	0	dr		DAKHLA	
KHARGA	00	8	00	0	0	0	-	21.2	+2.0	12.2	21	-3	6	-2	54	03	0	0		KHARGA	
SUEZ	00	8	00	0	0	1	6	18.2	-0.3	14.9	20	-2	9	-2	61	08	0	12	7	SUEZ	
TOR	00	8	02	3	0	0	-	18.8	+1.1	12.4	21	-2	8	-2	76	08	0	0	5	TOR	
HURGHADA	01	9	24	1	0	5	8,4	19		13	20		8		55	04	0	dr		HURGHADA	
QUSEIR	01	8	26	4	0	3	4	18.3	+0.8	15.4	22	-2	13	-3	45	03	0	0	4	QUSEIR	
PORT SUDAN	14	7	32	5	1	7	8	15		23			22		50	12	0	33	73	PORT SUDAN	
WADI HALFA																	0	0		WADI HALFA	
KAREIMA	00	8	04	2	0	0	-	16		12					38	-2	0	3	1	KAREIMA	
ATBARA	00	7	32	3	0	0	-	14		16			13		32	-1	2	7	2	ATBARA	
KHARTOUM	00	8	02	3	0	0	-	14		16			14		34	0	0	10	4	KHARTOUM	
KASSALA																		2	8	KASSALA	
WAD MEDANI																	0	11	12	WAD MEDANI	
RENK	00	9	32	3	0	0	-	12		18					37	08	0	0	49	RENK	
[illegible]	00	8	30	3	0	0	-	12		19					43	06	0	2	36	[illegible]	
[illegible]	00	8	30	2	0	0	-	13		15			14		25	-5	0	0	16	[illegible]	
[illegible]	00	8	32	1	0	0	-			12			8		31	-5	0	0	6	[illegible]	
GENEINA	00	8	04	3	0	1	2			14			12		23	-7	0		4	GENEINA	
MALAKAL																	0	19	88	MALAKAL	
WAU	02	8	00	0	1	10	2	10		20			18		43	07	0	261	142	WAU	
JUBA	00	8	04	2	1	2	4	9		25			21		65	18	11	129	137	JUBA	

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20 29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30 34
Fog or Thick Haze	40 49
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50 59
Rain	60 69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70 79
Showers	80 89
of Snow	83, 84
of Sleet	85 86
of Hail	88 89
Thunderstorm	90 99
with Hail	94 96
with Dust	98
heavy, with Hail	99

PAST WEATHER (W)

UPPER AIR OBSERVATIONS 17th

Direction of wind in degrees East of North

17th

86	+21
63	-6
70	-4
51	-6

GIZA: 18th 1.8

ALMAZA

FAROUK AIRPORT: 18th 3

1007	11	61	180	12
480	11	65	180	12
3360	9	65	270	22
4910	6	75	280	25
6530	0	95	280	25
10060	1	-	290	30
14040	-7	-	290	42
18620	-16	-	290	60
30590	-42	-		
39240	-56	-		

Station	Port Said		Matruh		MINYA	
Time	14 30		13 45		15	
200	300	7	270	22	10	10
500	300	16	260	23	10	10
1000	290	20	260	19	360	11
1500	280	29	280	21	360	12
2000	260	17	300	51	20	6
	Ent Cu					

UPPER AIR OBSERVATIONS 18th

Time: 5 — 4 45 3 — 4 45 3 — 8 30 7 15 3 — 6 15 5 — 5

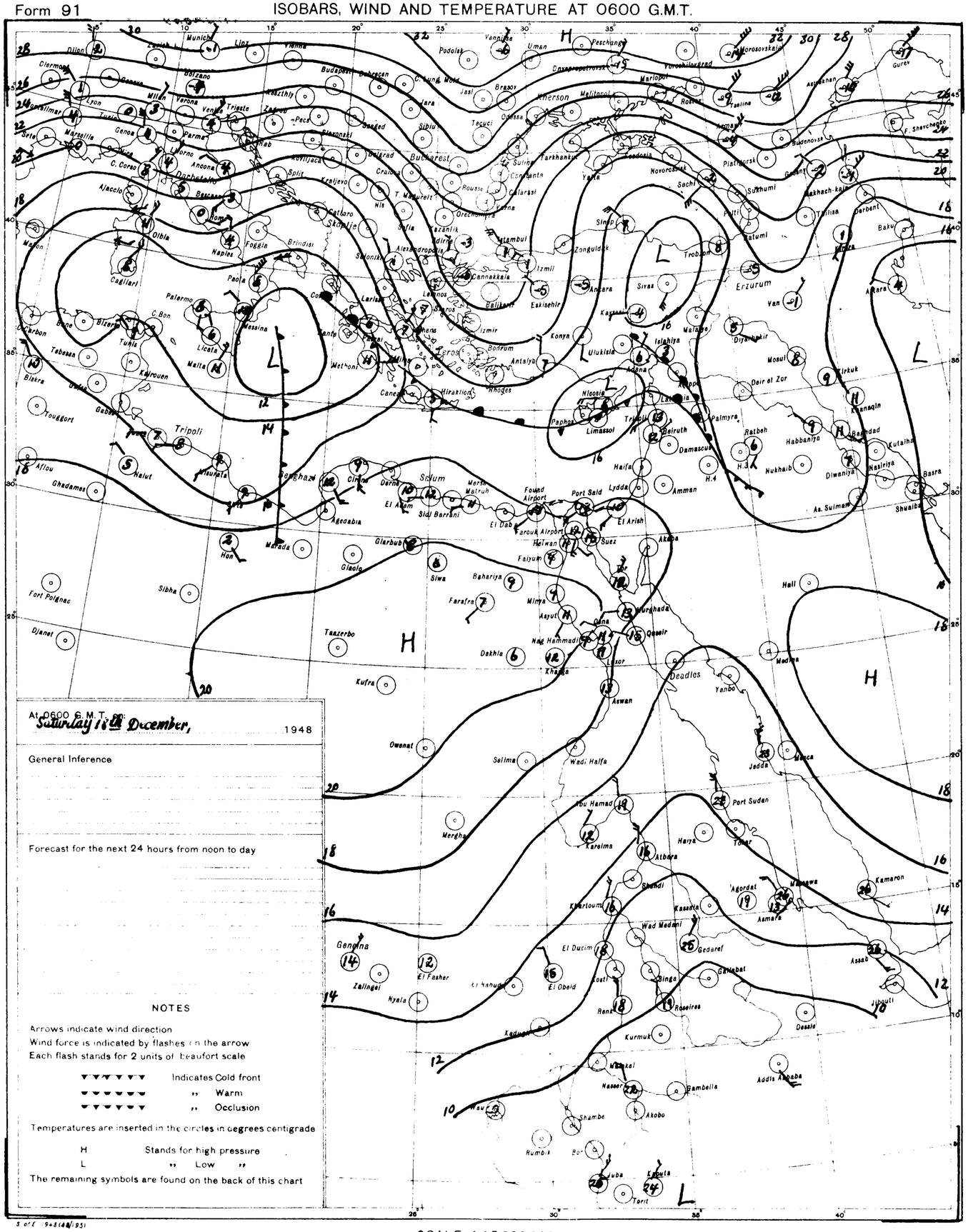
280 5 280 7 230 13 240 20 240 19 210 5 180 10 330 7 40 4 30 8 270 8
10 3 280 13 240 16 260 20 0 290 12 220 10 340 10 20 12 30 24 310 16
330 5 280 16 240 17 Ent Cu 270 17 250 8 290 18 330 18 30 13 30 38 290 15
270 10 280 33 220 22 230 21 250 7 320 16 320 12 50 12 60 19 260 13
280 19 290 30 250 22 290 3 330 16 290 18 20 12 50 19 300 12
Ent St 270 16 290 27 260 9 290 28 20 8 270 30
260 11 0 3
290 49

5 5 6 15 9 30 4 45

280 10 90 7 30 9 330 11
280 12 70 10 30 17 310 9
320 15 30 5 30 15 320 5
320 10 60 19 20 12 350 7 20 13
320 22 300 6 320 14 60 9
270 21 210 8 240 3 90 5
270 16 240 10 330 5
270 25 270 34 250 12

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: Saturday 18th December, 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of Beaufort scale

▼▼▼▼▼▼ Indicates Cold front
▼▼▼▼▼▼ ,, Warm
▼▼▼▼▼▼ ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

S of E 1948(48/195)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 46 G.M.T.

" " Sunset 14 59 G.M.T.

MINISTRY OF NATIONAL DEFENCE. METEOROLOGICAL DEPARTMENT, EGYPT

Form 91

DAILY WEATHER REPORT

Date: SUNDAY 19th DECEMBER, 1948.

At 1200 on SATURDAY 18th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 6-12 G.M.T. mms
SIDI BARANI	02	9	21	2	2	8	4	17.1	18.8	64	12	0
MATRUH	01	8	20	2	1	5	4	17	19	56	10	0
EL DABA	01	8	20	1	1	5	8			—	—	0
ALEXANDRIA	01	9	20	2	2	5	8	18.0	19.4	55	10	0
FOUAD (Airport)	02	8	29	1	1	8	8	18.0	18	60	10	0
DAMIETTA	01	8	24	1	1	5	8	17.6	17.2	76	12	0
PORT SAID	02	7	25	3	2	8	9,4	18	17	68	11	0
EL ARISH	01	9	28	3	1	3	8		17.8	57	09	0
DAMANHUR	01	7	24	3	1	7	8	17.8	18.2	62	10	0
MANSURA	01	8	24	2	1	5	8	18.0	20.0	55	11	0
TANTA	01	8	20	1	1	5	8	19.0	18.4	64	11	0
ZAGAZIG	02	6	00	0	1	8	8	19.2	19.2	61	11	0
SHIBIN EL KOM	01	8	22	3	1	3	8	18.3	20.0	34	03	0
ISMAILIA	01	7	22	1	1	5	4	18.3	19.5	50	09	0
FAROUK (Airport)	01	8	24	3	1	5	8	18	19	73	14	0
ALMAZA	01	8	26	2	0	5	8	18.3	18.6	50	08	0
EZBEKIYA	01	8	00	0	1	5	8	18.6	20.0	47	08	0
GIZA	01	8	00	0	1	5	8	18.6	19.6	50	09	0
HELWAN	01	8	14	2	1	7	6	18.6	19.1	45	07	0
FAIYUM	01	8	14	2	1	5	6	19.2	19.5	47	08	0
BENI SUEF	01	9	18	1	0	5	6	18.8	20.9	47	09	0
MINYA	00	8	00	0	0	1	8	19	20	43	07	0
[illegible]	00	8	20	1	0	0	-	18.4	18.3	43	05	0
NAG HAMMADI	00	8	19	1	0	0	-	18.0	21.0	43	08	0
QENA	00	9	20	2	0	0	-	18.2	19.0	46	07	0
[illegible]	00	8	30	2	0	0	-	18	20	41	06	0
ASWAN	00	9	02	1	0	0	-	16.8	20.0	42	06	0
[illegible]	00	8	00	0	0	0	-	19.9	20.5	60	12	0
[illegible]	01	8	24	1	1	3	5	19.1	21.3	40	07	0
[illegible]												
[illegible]												
[illegible]	00	8	04	1	0	0	-	18.7	18.8	32	02	0
	01	8	00	0	1	5	8	17.2	19.0	49	08	0
	00	8	28	2	0	0	-	17.9	19.0	56	10	0
	00	9	01	1	0	0	-	18	19	52	09	0
	01	8	32	4	1	3	4	17.8	20.7	51	10	0
	14	8	02	5	1	8	8,4	12	26	55	16	0
	00	8	04	4	0	0	-	11	24	15	-05	0
	00	7	30	2	0	0	-	9	32			
	00	8	30	3	0	0	-	8	28	16	00	0
	00	8	04	3	0	0	-	4	39	30	18	0
	00	8	28	3	0	0	-					0
	00	8	32	4	0	0	-	7	28	08	-09	0
	01	8	08	2	0	5	2		16	42	03	0
	00	8	06	2	1	k	1		24	16	-04	0
	05	7	02	4	0	0	-	4	33	21	08	0
	00	7	08	1	1	0	-	2			04	0
	01	8	02	2	0	3	8,3	2	33	34	15	0

At 1800 on 18th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 12-18 G.M.T. mms
SIDI BARANI	01	8	18	2	1	3	4	18.6	15.5	50	06	0
MATRUH	01	7	20	3	1	5	6	19	14	77	10	0
EL DABA	01	7	20	1	1	5	8		15.2	76	11	0
ALEXANDRIA												
FOUAD (Airport)	01	7	10	2	1	5	8	20.4	12	88	10	0
DAMIETTA	01		22	2	1	3	8	19.8	12.2	98	11	0
PORT SAID	01	7	26	2	0	5	6,4	20	15	77	11	0
EL ARISH	01	9	06	1	1	7	6	19.0	14.7	84	12	0
DAMANHUR	00	4	04	2	1	0	-	19.9	13.4	82	10	0
MANSURA	01	6	30	2	1	5	8	20.2	13.8	78	10	0
TANTA	01	8	00	0	1	5	8	20.7	13.2	77	09	0
ZAGAZIG	00	6	00	0	0	0	-	20.6	13.2	88	11	0
SHIBIN EL KOM	01	7	30	2	1	3	6	19.5	15.1	64	08	0
ISMAILIA	02	6	32	1	2	8	4	20.3	13.9	79	10	0
FAROUK (Airport)	01	7	00	0	1	5	6	18	14	88	12	0
ALMAZA	01	7	08	2	1	5	2	19.8	15.1	65	09	0
EZBEKIYA	01	7	00	0	1	5	4	20.2	13.0	77	09	0
GIZA	01	7	00	0	1	5	4	20.0	10.0	94	09	0
HELWAN	00	8	14	1	0	2	4	20.2	14.8	56	06	0
FAIYUM	01	8	00	0	1	5	6	19.6	13.2	77	09	0
BENI SUEF	00	9	10	1	0	0	-	19.5	13.7	72	09	0
MINYA	01	7	00	0	1	5	4	20	13	55	04	0
[illegible]	00	6	26	1	0	0	-	20.0	12.0	57	04	0
NAG HAMMADI	00	8	00	0	0	0	-		12.8	68	07	0
QENA	00	6	24	2	0	0	-	18.3	13.6	63	07	0
[illegible]	00	7	00	0	0	0	-	18	12	59	04	0
ASWAN	00	9	00	0	0	0	-	17.0	17.6	39	04	0
[illegible]	00	6	00	0	0	0	-	19.9	15.0	71	10	0
[illegible]	02	7	00	0	2	9	4	19.6	14.5	64	07	0
[illegible]												
[illegible]	00	8	00	0	0	0	-	17.4	14.8	45	03	0
[illegible]	00	7	00	0	0	0	-	19.5	12.9	46	02	0
	01	6	00	0	1	5	5	18.7	15.0	61	08	0
	00	8	28	1	0	0	-	18.2	14.0	57	06	0
	00	9	27	2	0	k	1	18	17	72	12	0
	00	8	30	3	0	0	-	17.8	17.6	62	10	0

At 0600 on SUNDAY 19th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs PPP	Diff. from normal mbs	Temp. Dry Bulb TT	Max. Yesterday TxTx	Max. Diff. from norm.	Min. Today TnTn	Min. Diff. from norm.	Humidity % UU	Dew Point °C	Rainfall Past 24 hrs	Rainfall Total from Oct. 1	Rainfall Norm. from Oct. 1	Station
SIDI BARANI	00	9	18	2	0	1	1	21.2		11.5	19		9		80	09	0	146		SIDI BARANI
MATRUH	01	7	22	3	0	3	4	21		11	19		9		77	07	0	112		MATRUH
EL DABA	01	7	16	1	1	5	8	21.0		13.8	21		11		71	09	0	92		EL DABA
ALEXANDRIA	01	8	12	2	2	5	8	22.0	+3.3	13.0	20	0	12	0	86	11	0	127	73	ALEXANDRIA
FOUAD (Airport)	00	7	15	1	1	2	4	21.7		11	19		9		95	11	0	118		FOUAD (Airport)
DAMIETTA	01		02	2	0	3	8			14.7	18		7		73	10	0	58	32	DAMIETTA
PORT SAID	01	7	03	3	1	7	8,4	22		15	18		13		68	09	0	17		PORT SAID
EL ARISH	02	9	12	2	2	8	9	21.5	+2.7	10.9	20	0	9	0	87	09	dr	30	27	EL ARISH
DAMANHUR	04	4	20	2	4	7	3	21.8	+3.1	10.3	20	-1	9	0	89	08	0	24	27	DAMANHUR
MANSURA	01	7	02	1	1	5	4	21.9	+3.3	12.0	21	0	9	0	74	07	0	12	14	MANSURA
TANTA	02	8	00	0	1	9	8	21.9	+2.8	9.6	20	-1	7	-1	92	09	0	8	11	TANTA
ZAGAZIG	02	6	08	1	1	8	6	21.2	+2.0	10.2	22	+1	9	+1	90	08	0	3	8	ZAGAZIG
SHIBIN EL KOM	09	6	04	2	4	5	8	21.8	+2.6	11.2	22		10		84	08	0	4		SHIBIN EL KOM
ISMAILIA	03	5	00	0	2	10	5			11.0	20		9		92	10	0	4		ISMAILIA
FAROUK (Airport)	02	7	10	2	2	8	4	21		12	20		11		88	10	0	dr		
ALMAZA	02	7	06	3	1	8	4	21.9	+2.7	12.5	20		10		81	09	0	2		ALMAZA
EZBEKIYA	09	6	00	0	4	8	4	22.2	+3.0	11.3	21	0	9	-1	89	09	0	6	7	
GIZA	09	6	00	0	4	8	4	21.5	+2.3	8.8	21	+1	5	-2	89	07	0	12	8	GIZA
HELWAN	05	5	04	1	2	8	4	21.2	+1.7	13.4	19	-1	11	+1	75	09	0	6	6	
FAIYUM	08	4	00	0	4	5	6	21.8	+2.4	9.8	21	-1	8	0	79	06	0	9	1	
BENI SUEF	01	9	06	1	0	5	6	21.0		12.2	21		6		78	08	0	9		
MINYA	01	7	32	2	2	3	4	20		10	21		6		67	04	0	4		
[illegible]	00	7	22	1	0	0	-	20.0	+0.1	10.8	20	-1	7	0	65	05	0	0	3	
NAG HAMMADI	00	8	00	0	0	0	-			11.0	22		5		71	06	0	0		
QENA	01	7	26	2	1	5	3	19.2	+0.4	10.4	19	-5	5	-3	70	05	0	dr		
[illegible]	01	8	29	1	0	5	2	18		11			5		63	04	0	dr		
ASWAN	00	9	32	1	0	0	-	18.2	-0.6	12.0	22	-3	9	-3	76	08	0	dr		
[illegible]	00	7	00	0	0	0	-	21.6	+1.2	7.3	21	0	7	+2	76	03	0	0	3	
[illegible]	01	8	24	1	1	5	4	21.8	+1.6	10.0	22	+1	7	+1	62	03	0	dr	3	
[illegible]																	0	dr		
[illegible]	02	8	28	1	1	9	5	20.4	+0.2	7.6	21	-2	4	-2	59	00	0	dr		
[illegible]	00	8	02	2	0	0	-	19.5	+0.3	15.1	20	-4	8	0	55	06	0	0		
	02	7	00	0	2	8	6	21.4	+2.9	11.4	21	-1	8	-3	79	07	0	12	7	
	01	8	04	1	2	7		18.3	+0.6	12.0	20	-2	8	-2	65	05	0	0	5	
	02	9	26	1	0	8	4	18		15	20		10		72	10	0	dr		
	01	8	28	4	1	3	4	17.5	0.0	17.6	21	-3	15	-1	53	08	0	0	4	
	01	8	30	4	1	7	6	13		22			18		61	14	0	33	73	
																	0	0		
	00	8	04	2	0	0	-	14		15			10		32	-02	0	3	1	
	00	7	30	2	0	0	-	12		17			14		60	09	0	7	2	
	00	8	32	3	0	1	1	13		18			15		68	12	0	10	4	
	00	8	00	0	0	0	-	9					15				0	2	8	
	00	9	02	2	0	0	-	11		18					46	06	0	11	12	
	00	9	32	3	0	0	-	11		20					33	03	0	0	49	
	00	8	30	2	0	0	-	10		26					30	07	0	2	36	
	00	8	30	3	0	1	1	12		13							0	0	16	
	01	8	04	2	0	3	1			14					48	03	0	0	6	
	01	8	04	2	1	5	2						12			-3	0		4	
	01	8	00	0	1	5	1	9		21					53	11	0	69	88	
																	0	261	142	
	01	7	03	2	1	5	4	8		25			19		54	15	0	129	137	

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
[illegible]	04
Thick Haz[e]	05
Dust Devils	06
Distant Lightning	07
Light Mist [illegible]	08
[illegible] Fog	09

18th

19th

18th
78 +13
64 -5
75 +1
51 -6

19th 1.8

19th 4

1012 11 84 130 10
550 12 87 130 10
3430 8 65 20 12
4970 5 65 360 20
6580 3 35 340 16
10120 1 - 320 14
14140 -7 - 260 24
18690 -18 75 170 38
30640 -42 - 270 87
39310 -55 -

ALMAZA 14
310 5
260 14
260 5
260 5
310 5
290 10

MINYA 15 15
40 13
30 13
360 11
300 11
330 35

MATRUH 13 45
220 6
220 7
230 10
240 16
260 9
270 16

FOUAD A.P 14 30
30 8
30 8
20 10
10 11
10 11

PORT SAID 14 15
300 7
300 8
270 13
310 20
300 9

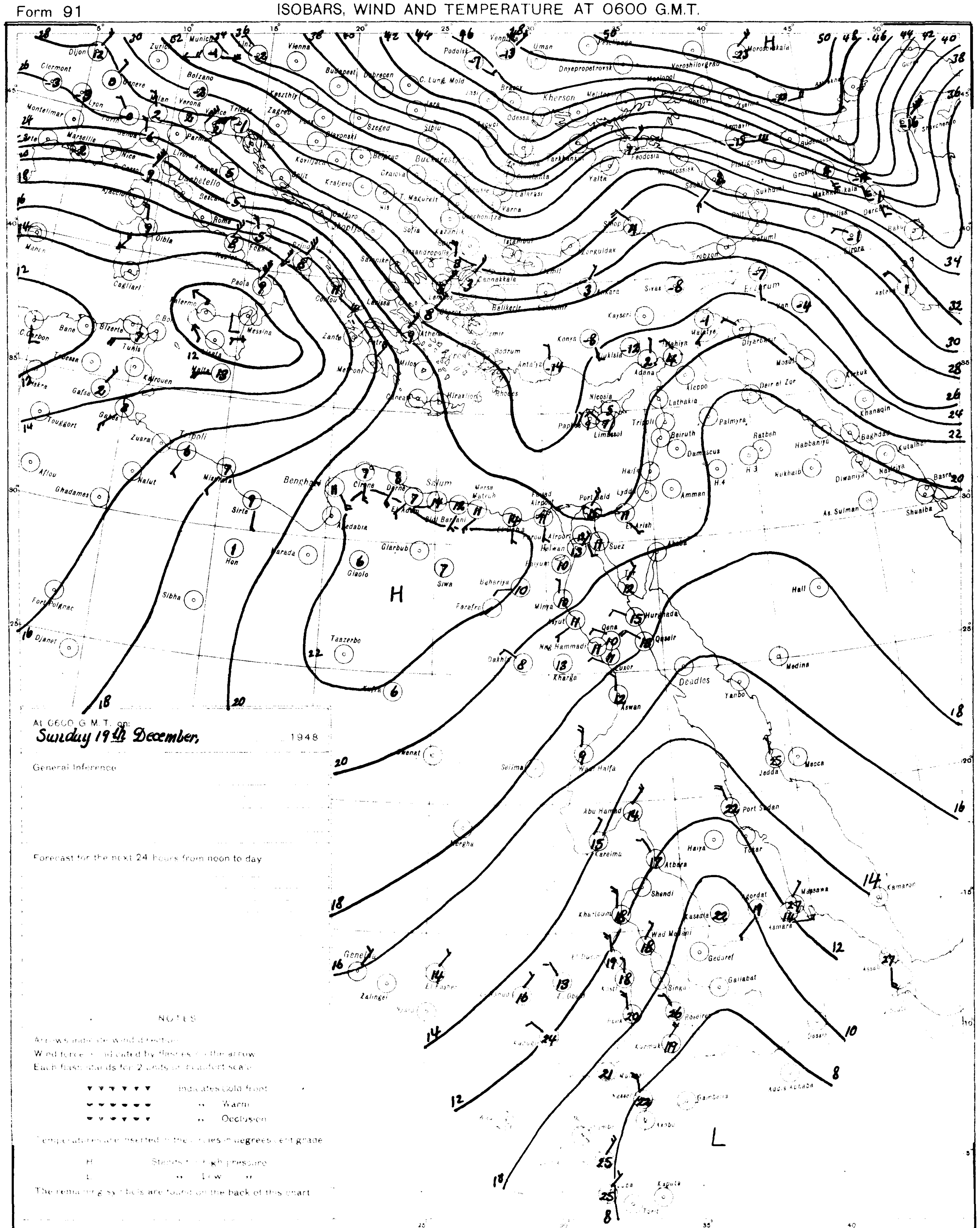
5 5 3 4 3 8 30 7 15 3
260 5 290 13 210 14 20 7 90 12 60 3 60 6 40 19
250 1 310 10 220 14 20 9 50 11 60 5 50 8 40 22
220 2 320 5 240 9 20 7 20 10 60 6 20 19 50 23
360 5 230 12 350 18 360 17 20 6 20 26 40 23
220 9 340 17 320 10 20 9 20 18 20 22
350 11 320 12
270 25
270 38

5 30 5 5
40 10 50 8 120 12
40 10 60 16 130 12
30 12 80 22 120 10
60 4 90 16 150 6
140 1 70 3 160 14
260 10 240 3 240 13
260 16

5 5 6 9 30
50 10 10 6 20 14 340 19
60 14 30 13 30 27 330 15
50 12 40 23 30 23 300 14
30 13 60 10 140 6
50 30 360 6 200 22
270 6 280 12
280 22 290 29
300 17

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
Sunday 19th December, 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of Beaufort scale

▼ ▼ ▼ ▼ ▼ ▼ Indicates cold front
▼ ▼ ▼ ▼ ▼ ▼ ,, Warm ,,
▼ ▼ ▼ ▼ ▼ ▼ ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

CAIRO
Time of Sunrise 04 46 G.M.T.
" " Sunset 14 59 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: MONDAY 20th DECEMBER, 1948.

At 1200 on SUNDAY 19th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
MEDITERRANEAN	146	SIDI BARANI	01	9	28	2	0	3	8	20.8	18.1	55	09	0
	160	MATRUH	00	7	03	1	0	4	9,4	21	19	49	08	0
	134	EL DABA	00	8	04	1	0	0	-		19.2	63	12	0
	132	ALEXANDRIA	01	9	04	2	2	5	8	21.1	17.7	59	09	0
	150	FOUAD (Airport)	01	8	04	1	1	5	8,4	21.5	17	56	11	0
	159	DAMIETTA	00	8	04	2	0	2	8	20.6	17.0	68	11	0
	161	PORT SAID	01	8	06	2	1	5	8,4	21	18	52	08	0
	135	EL ARISH	01	9	32	2	1	5	8		17.2	66	11	0
LOWER EGYPT	136	DAMANHUR	01	7	04	3	1	7	8	21.6	18.8	56	10	0
	137	MANSURA	01	8	32	2	1	5	4	21.0	19.0	45	07	0
	138	TANTA	02	8	32	3	2	8	8	21.1	18.4	53	08	0
	139	ZAGAZIG	02	6	32	2	1	8	8	20.7	18.1	47	06	0
		SHIBIN EL KOM	01	8	30	3	1	3	8	20.8	19.2	36	04	0
		ISMAILIA	01	7	06	1	1	7	4	19.9	19.5	44	07	0
CAIRO AREA	028	FAROUK (Airport)	01	8	04	4	1	7	4	19	18	37	3	0
	141	ALMAZA	01	8	02	4	2	5	4	19.3	18.3	48	06	0
		EZBEKIYA	01	8	02	2	1	3	4	19.8	19.3	46	07	0
		GIZA	01	8	02	2	1	3	4	20.0	18.5	42	05	0
	143	HELWAN	01	8	32	5	1	5	4	19.1	18.7	32	02	0
		FAIYUM	01	8	02	2	1	5	6	19.4	19.2	46	07	0
		BENI SUEF	02	9	02	3	0	9	5	18.4	19.8	47	08	0
		MINYA	01	7	01	4	1	7	1	18	19	43	06	0
		ASYUT	01	7	26	2	1	5	5	17.0	20.0	32	03	0
		NAG HAMMADI	00	8	00	0	0	0	-	15.1	19.5	52	10	0
		QENA	02	8	24	1	1	8	4	16.2	18.1	58	09	0
		LUXOR	01	8	32	1	1	7	4	16	20	46	08	0
		ASWAN												
		SIWA	00	8	28	2	0	0	-	22.0	20.5	54	10	0
		BAHARIYA	02	8	32	1	1	8	4	20.3	19.0	50	08	0
		FARAFRA	02	8	04	2	2	9	9	20.4	17.0	42	04	0
		DAKHLA	02	8	32	2	2	8	5	17.1	20.0	34	03	0
		KHARGA	01	7	02	1	0	5	6		20.1	33	03	0
	144	[illegible]	02	7	32	3	2	8	5	18.2	18.3	48	07	0
	145	TOR	01	7	28	4	2	7		16.0	20.8	51	10	0
		HURGHADA	01	9	30	2	2	5	1	16	20	64	13	0
		[illegible]	02	8	32	4	2	8	5	15.6	21.0	58	12	0
		[illegible]	02	8		4	1	10	6,4	10	26	62	18	0
		WADI HALFA												
		[illegible]	00	8	02	2	0	4	1	10	26	25	04	0
		[illegible]	00	6	30	2	0	0	-	8	29	23	06	0
		[illegible]	00	8	02	2	0	1	1	7	31	21	06	0
		[illegible]	00	8	04	2	0	0	-	3	34	25	11	0
		[illegible]	00	8	32	3	0	0	-	5	33	23	09	0
		[illegible]												
		[illegible]	00	8	28	2	0	0	-	8	36	19	09	0
		[illegible]	00	8	32	3	0	2	2	6	30	09	-6	0
		[illegible]	00	8	04	2	1	0	-		28	14	-2	0
		[illegible]	00	8	04	2	0	0	-		29	11	-4	0
		MALAKAL												
		[illegible]	01	8	04	3	1	5	1	3	35	13	03	0
		[illegible]	02	8	04	3	1	7	8	2	34	39	18	0

At 1800 on 19th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARANI	00	8	12	1	0	4	1	21.4	12.1	85	10	0
MATRUH	00	7	14	1	0	0	-	21	12	94	11	0
EL DABA	00	7	04	1	0	0	-		18.1	63	11	0
ALEXANDRIA	01	5	14	3	2	5	4	22.0	14.2	72	09	0
FOUAD (Airport)	00	7	10	1	0	0	-	21.8	12	94	11	0
DAMIETTA	00		32	2	0	1	8	21.6	15.0	78	11	0
PORT SAID	00	7	04	4	1	2	6,4	21	16	68	10	0
EL ARISH	00	9	02	1	0	0	-	21.0	14.3	76	10	0
DAMANHUR	01	5	04	3	1	3	8	22.0	13.2	77	09	0
MANSURA	00	6	32	2	1	0	-	21.8	13.0	75	09	0
TANTA	01	8	00	0	2	5	8	22.2	13.4	76	09	0
ZAGAZIG	00	6	00	0	0	0	-	21.9	12.5	77	08	0
SHIBIN EL KOM	00	7	02	2	0	0	-	21.5	13.6	75	10	0
ISMAILIA	00	6	02	1	0	0	-	21.0	12.5	72	07	0
FAROUK (Airport)	00	7	04	4	0	0	-	21	14	85	07	0
ALMAZA	00	7	02	3	1	1	4	20.8	14.0	61	06	0
EZBEKIYA	00	7	00	0	0	1	4	21.1	12.1	76	08	0
GIZA	00	7	00	0	0	1	4	21.0	12.2	84	09	0
HELWAN	00	8	32	4	0	0	-	21.0	13.9	56	05	0
FAIYUM	00	8	02	1	1	0	-	19.9	13.9	64	07	0
BENI SUEF	00	9	02	2	0	0	-	19.5	12.8	66	07	0
MINYA	01	7	01	3	1	5	1	19	14	55	05	0
ASYUT	01	4	28	1	1	7	5	18.6	14.8	51	05	0
NAG HAMMADI	00	8	00	0	0	0	-	17.8	14.5	71	09	0
QENA	01	6	24	1	2	5	4	16.4	15.8	64	09	0
LUXOR	00	7	17	1	1	0	-	16	15	55	06	0
ASWAN	00	9	32	2	0	0	-	15.8	18.0	44	05	0
SIWA	00	6	00	0	0	0	-	21.2	10.5	72	05	0
BAHARIYA	00	7	04	1	1	0	-	20.3	14.5	62	07	0
FARAFRA	00	7	00	0	0	0	-	20.4	12.8	54	04	0
DAKHLA	02	8	28	1	2	9	5	18.3	16.4	47	05	0
KHARGA	02	6	30	2	1	8	5	18.0	16.8	46	05	0
[illegible] (144)	00	6	32	2	0	0	-	19.1	13.9	69	08	0
TOR	00	7	02	1	0	0	-	14.7	16.3	57	07	0
HURGHADA	01	8	28	4	2	5	1	17	18	73	13	0
[illegible]	02	8	28	4	2	8	5	15.9	19.6	55	11	0

At 0600 on MONDAY 20th

Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Temperature Dry Bulb TT	Maximum Yesterday T_xT_x	Max. Diff. from norm.	Minimum Today T_nT_n	Min. Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	Station
10	8	20	2	0	8	6	22.2		11.7	21		9		91	10	0	146		SIDI BARANI
21	7	23	1	5	8	6	22		14	20		10		88	12	tr	112		MATRUH
01	8	20	1	1	5	8			12.4	22		8		85	10	0	92		EL DABA
01	9	04	1	2	5	8	21.5	+2.8	17.0	20	0	13	+1	66	11	0	127	75	ALEXANDRIA
01	8	04	2	0	3	6,4	21.7		13	19		10		88	11	0	118		FOUAD (Airport)
01		32	2	1	3	8	21.2	+3.2	14.8	18		8		83	12	0	58	33	DAMIETTA
01	7	04	4	0	5	6	21		16	18		15		68	10	0	17		PORT SAID
00	9	16	1	0	1	8	20.2	+1.4	9.4	20	0	7	-1	84	06	0	30	27	EL ARISH
00	5	04	2	1	0	-	22.2	+3.5	13.2	21	0	9	0	85	11	0	24	28	DAMANHUR
00	8	02	1	0	0	-	21.2	+2.6	13.0	21	0	11	+2	77	09	0	12	14	MANSURA
01	8	32	1	1	7	8	21.6	+2.5	11.4	20	-1	6	-2	87	09	0	8	11	TANTA
00	6	32	1	0	0	-	21.0	+1.8	9.9	20	-1	8	0	91	08	0	3	8	ZAGAZIG
01	7	02	2	1	3	8	21.5	+2.3	11.3	21		8		79	07	0	4		SHIBIN EL KOM
01	5	30	1	1	5	6	20.7		12.0	20		8		82	09	0	4		ISMAILIA
00	7	08	2	0	4	8	19		11	19		9		88	09	0	tr		FAROUK (Airport)
05	6	02	2	0	0	-	20.7	+1.4	9.2	20		8		87	07	0	2		ALMAZA
09	6	28	1	4	0	-	20.7	+1.4	9.6	20	-1	8	-1	91	09	0	6	7	EZBEKIYA
09	6	28	1	4	0	-	20.6	+1.3	7.7	19	-1	4	-3	98	08	0	12	8	GIZA
05	5	04	1	0	0	-	20.3	+0.8	13.3	19	-1	9	-1	73	08	0	6	6	HELWAN
00	8	32	2	0	0	-	20.0	+0.6	13.0	20	-2	9	+1	77	09	0	tr	1	FAIYUM
00	9	06	1	0	0	-	19.4		9.9	20		6		84	07	0	tr		BENI SUEF
00	7	02	4	0	0	-	19		11	20		6		77	07	0	4		MINYA
00	7	20	1	0	0	-	18.4	-1.5	10.0	20	-1	6	-1	74	06	0	0	3	ASYUT
00	8	24	1	0	0	-	16.2	-2.9	11.7	22		7		70	07	0	0		NAG HAMMADI
01	8	26	2	1	3	1	17.1	-1.7	11.4	20	-4	9	+1	75	07	0	tr		QENA
01	8	00	0	0	3	4	16		12			7		67	06	0	tr		LUXOR
02	9	32	2	1	8	4	15.2	-3.6	15.0	23	-2	11	0	45	03	0	tr		ASWAN
00	7	00	0	0	0	-	22.7	+2.3	8.8	21	0	4	-1			0	0	3	SIWA
00	8	32	1	0	0	-	21.2	+1.0	10.0	20	-1	7	+1	87	08	0	tr	3	BAHARIYA
00	8	32	3	0	0	-	21.4		8.8	18		4		64	02	0	tr		FARAFRA
00	8	30	2	0	0	-	18.4	-1.9	12.6	21	-2	7	+1	62	06	0	tr		DAKHLA
00	8	30	1	0	0	-	17.5	-1.7	12.7	21	-3	10	+2	69	07	0	0		KHARGA
00	7	00	0	0	0	-	19.1	+0.6	13.0	19	-2	10	-1	77	09	0	12	7	[illegible]
00	9	00	0	0	0	-	15.5	-2.3	12.0	21	-1	7	-3	61	05	0	0	6	TOR
00	9	26	1	0	0	-	15		15	20		12		63	08	0	tr		HURGHADA
01	8	30	4	0	3	2	15.0	-2.5	18.0	22	-2	16	0	53	08	0	0	4	[illegible]
																0	33	74	[illegible]
																0	0		WADI HALFA
																0	3	1	[illegible]
																0	7	2	[illegible]
																0	10	4	[illegible]
																0	2	8	[illegible]
																0	11	12	[illegible]
																0	0	49	[illegible]
																0	2	36	[illegible]
																0	0	16	[illegible]
																0	0	6	[illegible]
																0		4	[illegible]
																0	69	88	MALAKAL
																0	261	142	[illegible]
																0	129	138	[illegible]

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49

19th

19th
74 +9
75 +6
80 +6
61 +4

20th -06

20th 3
1009 11 85 90 7
480 11 85 90 7
3340 6 85 30 23
4860 4 75 30 15
6490 2 45 30 11
9990 -2 25 300 8
13740 -12 25 270 10
18440 -20 - 280 21
30250 -46 - 280 51
38950 -51 - 280 80

MINYA	MATRUH	PORT SAID	ALMAZA
14 30	13 45	14	14
10 33	30 10	30 9	20 9
10 30	30 3	20 11	30 9
40 15	190 5	40 9	30 8
20 13	360 8	50 9	
330 22	270 3	20 14	
230 5	280 8	340 5	
		40 7	

20th

5 5 3 30 4 30 3 4 7 15 3
80 5 360 17 40 8 40 17 60 18 50 10 30 8 10 9
70 6 10 11 50 8 40 16 40 24 40 9 40 23 10 10
60 6 10 16 50 9 50 17 40 24 50 8 50 30 360 12
30 5 10 15 30 10 70 23 30 13 10 9 50 38 360 14
ENT.Cb ENT.Cb 20 9 50 17 30 7
310 8
270 16
270 22

6 5 5
180 1 360 14 70 21
20 5 10 22 70 20
360 8 10 22 80 15
280 8 310 14 60 12
340 11 10 5 50 10
310 32 340 22 300 9
240 5 270 16
280 11

5 5 6 15 9 15
20 31 300 12 350 12 330 21
30 37 300 16 360 20 320 16
30 56 100 22 360 31 320 11
40 54 360 11 270 2
30 28 350 25 330 3
20 18 350 28
20 23
10 19

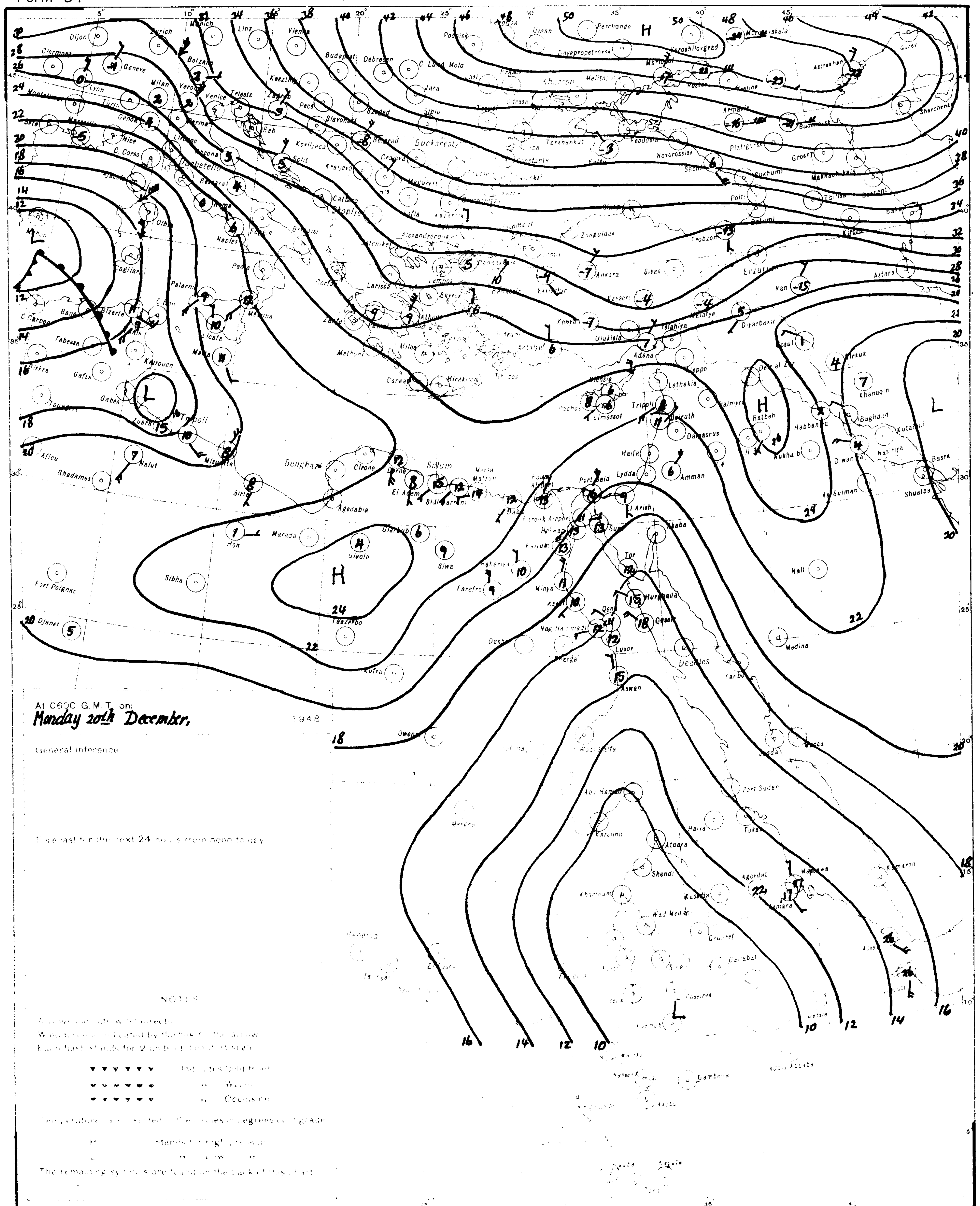
24 – West 32 – North, 00 is Calm.

Note: All times G.M.T.

Printed by the Survey of Egypt 1948 (48/185)

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



SCALE

CAIRO

Time of Sunrise 04 47 G.M.T.

" " Sunset 15 00 G.M.T.

MINISTRY OF NATIONAL DEFENCE, ___ METEOROLOGICAL DEPARTMENT, ___ EGYPT

DAILY WEATHER REPORT

Date : TUESDAY 21st DECEMBER , 1948.

Form 91

At 1200 on MONDAY 20 th

AREA	INDEX NUMBER	STATION	PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C.	HUMIDITY %	DEW POINT °C.	RAIN 6-12 G.M.T. mms
			ww	V	DD	F	W		C	PPP	TT	UU		
MEDITERRANEAN	146	SIDI BARANI	02	9	30	2	1	8	9	21.5	18.2	63	11	0
	160	MATRUH	21	8	04	2		9	6	21	18	52	08	R
	134	EL DABA	01	8	04	1	1	5	8		18.2	63	11	0
	132	ALEXANDRIA	01	9	08	2	2	5	8	17.9	18.0	62	10	0
	150	FOUAD (Airport)	01	7	04	3	1	5	8	20.0	19	52	09	0
	159	DAMIETTA	01	8	02	3	1	7	8	19.6	17.2	74	12	0
	161	PORT SAÏD	01	7	03	N	1	5	6	19	18	60	10	0
	135	EL ARISH	00	9	32	N	0	0	-	17.7	15.8	58	08	0
LOWER EGYPT	136	DAMANHUR	01	7	04	3	1	7	8	20.4	18.0	62	11	0
	137	MANSURA	01	8	02	2	1	5	8	19.8	18.0	57	09	0
	138	TANTA	01	8	04	N	1	5	8	20.0	19.0	54	10	0
	139	ZAGAZIG	01	6	32	3	1	5	6	19.2	18.4	54	09	0
		SHIBIN EL KOM	01	8	02	3	1	3	8		18.6	39	05	0
		ISMAILIA	02	6	02	2	2	8	6	17.4	19.8	48	09	0
	898	FAROUK (Airport)	01	8	04	5	1	5	6	18	19	55	10	0
	141	ALMAZA	01	7	04	N	1	7	8/4	17.0	19.2	51	09	0
		EZBEKIYA	00	8	32	2	0	0	-	18.6	19.5	51	10	0
		GIZA	00	8	32	2	0	0	-	18.8	18.9	56	10	0
	143	HELWAN	00	8	02	5	0	2	8	17.9	19.0	45	07	0
	153	FAIYUM	00	8	02	3	0	0	-	17.5	19.1	47	07	0
		BENI SUEF	00	9	02	5	0	0	-	16.4	20.8	48	09	0
	162	MINYA	00	8	01	5	0	0	-	16	21	41	07	0
	155	ASYUT	00	8	26	1	0	0	-	15.2	21.1	27	02	0
	164	NAG HAMMADI	00	8	28	1	0	0	-	14.0	20.1	32	10	0
	156	QENA	00	9	20	2	0	0	-	13.2	19.8	42	07	0
	157	LUXOR	00	8	02	1	0	0	-	13	22	44	09	0
	158	ASWAN	00	9	30	1	0	0	-	11.8	24.0	33	07	0
	148	SIWA	00	8	00	0	0	0	-	22.2	21.5	56	13	0
	149	BAHARIYA	00	8	04	2	0	0	-	18.8	20.0	46	08	0
		FARAFRA	00	8	02	3	0	0	-	18.8	19.8	44	07	0
	152	DAKHLA	00	9	28	3	0	0	-	16.0	20.3	30	02	0
	151	KHARGA	00	8	02	2	0	0	-	14.7	20.0	41	06	0
	144	SOLLUM	14	8	32	5	0	1	8	16.6	19.0	50	08	0
	145	TOBRUK	00	7	28	4	0	0	-	13.6	20.0	58	11	0
	165	BORG EL ARAB	00	9	30	N	0	0	-	14	19	64	12	0
	147	QUESNA	01	8	32	N	0	3	N	13.9	21.0	51	10	0
	154	EL FAYUM	02	8	04	N	1	5	6/4	9	27	66	20	0
		WADI HALFA												
		KUTUM	0	8	02	1	0	7	2	9	27	30	08	0
		ATBARA	00	7	00	0	1	0	-	6	30	31	11	0
		KHARTOUM	00	8	32	1	1	2	2	8	29	15	00	0
		KASSALA	00	8	00	0	0	1	2	3	35	35	17	0
		WADI HALFA	00	8	30	N	0	2		6	31			
		ATBARA	00	7	32	2	0	0	-	7	32	28	11	0
		KASSALA	00	8	28	2	0	0	-	7	34	23	10	0
		KHARTOUM	01	8	32	2	1	7	2	5	29	15	00	0
		EL OBEID	01	8	02	1	0	3	2		29	14	-01	0
		MALAKAL	02	8	04	N	1	9	4/2	5	33	16	04	0
		WAU	01	8	04	1	1	7	2	4	35	16	06	0
			01	8	32	2	1	5	2	3	35	35	17	0

At 1800 on 20 th

PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESS. M.S.L. mbs.	TEMP. °C	HUMIDITY %	DEW POINT °C.	RAIN 12-18 G.M.T. mms
ww	V	DD	F	W		C	PPP	TT	UU		
00	8	02	1	1	1	6	21.5	15.0	65	09	0
00	7	00	0	1	1	6/4	22	13	88	11	0
01	6	04	1	5	3	9		17.1	65	10	1
01	5	04	2	2	5	8	20.7	15.6	64	09	0
00	7	06	1	1	2	6	20.4	13	88	11	0
00		02	3	1	7	9	20.0	15.0	78	11	0
00	7	04	4	1	1	6	20.	14	68	10	0
00	9	32	2	0	0	-	18.4	16.1	69	10	0
01	6	04	3	1	5	8	20.7	13.6	75	10	0
00	5	04	2	1	0	8	20.3	12.8	74	08	0
01	8	00	0	1	5	8	20.6	13.6	78	10	0
00	6	00	0	0	0	-	20.4	12.5	86	10	0
00	7	30	2	0	1	6	21.8	14.3	68	08	0
01	5	02	1	1	5	6	19.1	15.0	68	09	0
00	7	04	3	0	1	6	19	14	88	12	0
00	7	04	3	0	2	8	18.9	14.0	73	09	0
00	7	00	0	0	0	-	19.5	12.7	78	09	0
00	7	00	0	0	0	-	19.6	12.7	95	12	0
00	8	32	N	0	0	-	19.4	14.2	65	08	0
00	8	02	1	0	0	-	18.7	14.2	68	08	0
00	9	02	N	0	0	-	18.0	13.8	71	09	0
00	7	01	4	0	0	-	17	14	67	08	0
00	6	22	1	0	0	-	16.4	12.8	68	07	0
00	8	00	0	0	0	-	13.2	11.8			0
00	6	24	2	0	0	-	13.5	14.6	65	08	0
00	7	17	2	0	0	-	14	13	59	05	0
00	9	32	1	0	0	-	13.2	20.2	39	05	0
00	6	00	0	0	0	-	1	10.8	77	07	0
00	7	32	1	0	0	-	19.2	15.6	63	08	0
00	8	28	2	0	0	-	16.0	14.7	52	05	0
00	7	30	2	0	0	-	16.6	16.0	51	06	0
00	7	00	0	0	0	-	17.4	14.2	65	08	0
00	7	28	1	0	0	-	13.5	13.0	66	09	0
00	8	26	1	0	0	-	15	15	59	07	0
00	8	28	N	0	0	-	14.0	18.7	59	11	0

At 0600 on TUESDAY 21 st

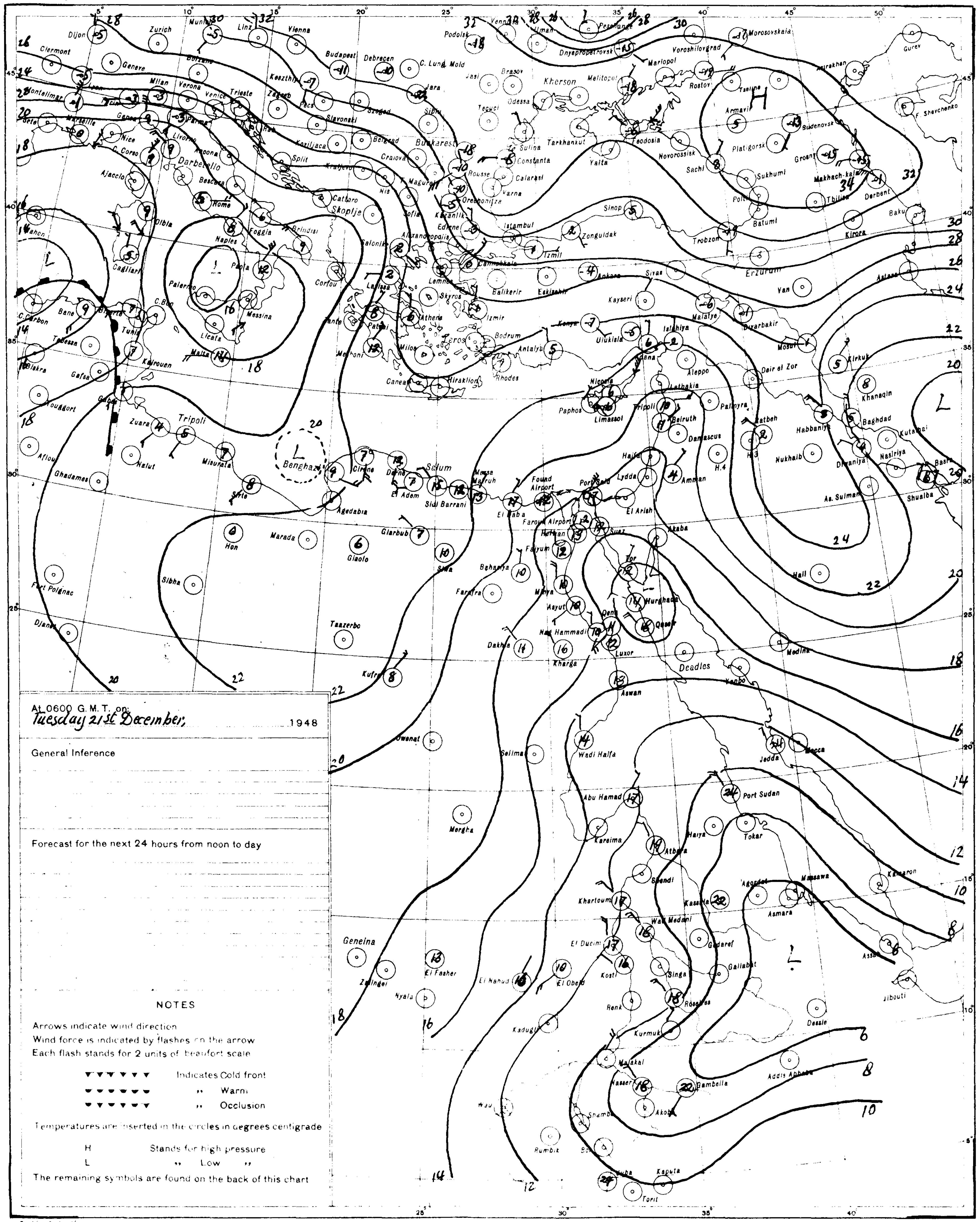
PRESENT WEATHER	VISIBILITY	WIND Direction	WIND Force	PAST WEATHER	CLOUD Amount 0-10	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from norm.	MINIMUM Today	MINIMUM Diff. from norm.	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs	RAINFALL mms. Total From Oct 1	RAINFALL mms. Norm. From Oct 1
ww	V	DD	F	W		C	PPP		TT	TxTx		TnTn		UU				
02	8	00	0	0	8	6	21.2		12.3	18		10		89	10	0	146	
03	7	02	2	3	10	9	21		13	19		12		88	11	7	119	
01	8	04	1	1	5	8			17.0	22		12		69	11	2	94	
01	8	00	0	2	5	8	21.0	+2.3	17.0	20	0	13	+1	70	12	0	127	77
01	7	00	0	0	3	8/4	19.3		17	19		10		88	10	0	118	
01		02	3	1	7	9	18.6	+0.6	16.2	18		13		77	12	0	58	34
01	7	04	5	0	5	6	18		17	19		17		60	09	0	17	
																	30	28
02	5	22	2	2	9	8	20.0	+1.3	11.3	19	-2	8	-1	93	10	0	24	29
00	8	02	2	0	0	-	18.6	-0.1	12.5	20	-1	10	+1	73	07	0	12	14
01	8	00	0	1	7	8	19.8	+0.7	10.0	20	-1	6	-2	91	09	0	8	11
01	6	02	1	0	5	6	18.8	-0.4	12.4	20	-1	7	-1	82	09	0	3	9
09	6	02	2	4	5	8			11.6	21		8		80	09	0	4	
01	5	30	1	1	7	6	18.6		12.7	20		10		78	09	0	4	
01	7	32	2	0	3	6	18		12	19		10		82	09	0	dr	
01	7	02	1	1	5	6	18.3	-1.0	11.1	19		10		86	09	0	2	
00	7	28	1	0	1	4	18.8	-0.5	11.0	20	-1	9	0	87	09	0	6	7
00	7	28	1	0	1	4	18.6	-0.7	9.1	19	-1	6	-1	95	08	0	12	8
00	6	02	1	0	6	8	18.3	-1.2	12.6	19	-1	10	0	74	08	0	6	7
00	8	32	2	0	0	-	18.2	-1.2	11.7	20	-2	9	+1	78	08	0	tr	2
00	9	02	1	0	0	-	17.8		9.7	21		6		88	08	0	tr	
00	7	32	3	0	0	-	17		10	21		9		76	06	0	4	
00	7	22	1	0	0	-	17.5	-2.5	10.0	22	+1	6	-1	87	08	0	0	3
00	8	32	1	0	0	-	15.6	-3.6	10.0	22		5		76	06	0	0	
00	7	22	N	0	0	-			10.8	20	-N	7	-1	72	06	0	dr	
00	8	00	0	0	0	-	15		12			6		63	05	0	dr	
00	9	00	0	0	0	-	15.2	-3.6	13.0	25	0	8	-3	55	04	0	dr	
00	7	00	0	0	0	-	22.2	+1.7	10.4	22	+1	5	0	75	06	0	0	3
00	8	32	1	0	0	-	20.3	+0.1	10.5	20	-1	8	+2	81	07	0	dr	3
																	dr	
00	8	28	3	0	0	-	18.0	-2.3	11.3	22	-1	10	+4	73	06	0	dr	
00	8	00	0	0	0	-	16.2	-3.0	11.0	21	-2	9	+1	87	09	0	0	
01	7	00	0	1	5	8	17.1	-1.5	12.3	20	-1	9	-2	86	10	0	12	8
00	9	02	1	0	0	-	13.9	-3.9	12.1	21	-1	7	-3	62	05	0	0	6
00	9	26	2	0	1	8	13		14	20		10		77	10	0	dr	
00	8	30	N	0	0	-	13.6	-3.9	17.6	22	-2	15	-1	50	07	0	0	4
21	8	30	N	6	3	8	10		24			23		74	19	tr	33	75
																0	0	
00	8	32	2	0	0	-	13		14			11		39	00	0	3	1
00	7	30	2	0	0	-	11		19			11		35	03	0	7	2
01	8	28	3	0	3	2	12		17			15		37	02	0	10	4
01	8	00	0	1	3	1	10									0	2	8
00	9	30	3	0	0	-	12		18					37	03	0	11	12
00	8	30	3	0	0	-	12?		18					38	12	0	2	36
01	8	27	3	1	5	1	13		10			12		35	-05	0	0	14
01	8	00	0	1	3	1			13					38	-01	0	0	6
																0		4
00	8	02	3	0	2											0	69	88
																0	261	142
02	7	00	0	1	10	2	10		24			20		69	18	0	129	138

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mist, Fog in distance	41
Thin Fog	42
Fog in patches	43
Drizzle	50-59
Rain	60-69
Rain or Fog Rain	67
Rain or Snow	68-79
Snow	70-79
Showers	80-89
Rain Showers	80-84
Snow Showers	85-86
Hail Showers	87-89
Thunderstorm	90-99

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
Tuesday 21st December, 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
,, Warm
,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

S c/c 9–8148/1951

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 47 G.M.T.
" " Sunset 15 06 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: WEDNESDAY 22nd DECEMBER, 1948.

At 1200 on TUESDAY 21st

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARANI	10	9	22	1	0	7	6	20.0	18.2	61	10	0
	160	MATRUH	25	8	30	1	5	5	8	20	16	68	10	R
	134	EL DABA	01	8	04	1	1	5	8		19.2	55	10	0
	132	ALEXANDRIA	01	9	04	2	2	5	8	17.8	17.2	63	10	0
	150	FOUAD (Airport)	01	8	03	2	8	5	8	17.7	18	78	14	R
	159	DAMIETTA	00	8	04	3	0	4	8	16.7	17.0	72	12	0
	161	PORT SAID	00	8	02	4	0	4	6	17	18	60	10	0
	135	EL ARISH	00	9	30	4	0	2	8	15.4	16.1	61	09	0
Lower Egypt	136	DAMANHUR	02	7	04	3	2	9	8	17.8	18.6	60	11	0
	137	MANSURA	01	8	32	3	1	5	8	17.1	18.8	54	10	0
	138	TANTA	01	8	28	2	1	5	8	18.2	18.5	58	10	0
	139	ZAGAZIG	01	6	02	3	1	5	8	16.3	18.8	75	14	0
		SHIBIN EL KOM	01	8	02	3	1	5	8		18.4			0
		ISMAILIA	01	6	02	3	1	5	6	16.2	18.0	55	09	0
Cairo Area	828	FAROUK (Airport)	01	8	04	4	1	5	8	16	19	52	09	0
	141	ALMAZA	01	7	02	3	0	5	8	15.9	19.2	46	07	0
		EZBEKIYA	01	8	04	1	1	5	8	16.0	20.2	44	07	0
		GIZA	01	8	04	1	1	5	8	16.6	20.0	45	07	0
	143	HELWAN	01	9	32	4	1	7	8	15.4	18.5	42	08	0
Upper Egypt	153	FAIYUM	01	8	32	2	1	5	8	16.0	19.5	47	08	0
		BENI SUEF	00	9	02	3	0	0	-	14.8	20.7	46	09	0
	162	MINYA	00	8	01	5	0	0	—	16	20	46	08	0
	155	ASYUT	00	8	20	2	0	0	-	14.4	20.0	40	06	0
	164	NAG HAMMADI	00	8	32	1	0	0	-	13.5	19.5			0
	156	QENA	00	9	26	4	1	0	-	13.0	18.7	48	08	0
	157	LUXOR	00	8	20	2	0	1	3	13	22	44	09	0
	158	ASWAN	00	9	30	1	0	0	-	12.0	22.6	26	02	0
Oases	148	SIWA	00	8	00	0	0	0	-	20.8	20.5	52	10	0
	149	BAHARIYA	01	8	04	1	1	5	8	18.2	19.0	46	07	0
		FARAFRA												
	152	DAKHLA	00	9	28	4	0	0	-	16.7	19.0	40	05	0
	151	KHARGA	00	9	32	4	0	0	-	16.2	20.0	30	02	0
Red Sea	144	SUEZ	01	8	32	3	1	5	8	14.4	18.6	51	09	0
	145	TOR	00	8	28	4	0	0	-	16.8	21.0	57	12	0
	163	HURGHADA	00	9	30	4	0	4	4	12	19	73	14	0
	147	QUSEIR	01	8	02	4	0	3	2	12.2	21.0	52	11	0
	209	PORT SUDAN												
Sudan		WADI HALFA												
		KAREIMA												
		ATBARA												
		KHARTUM												
	170	KASSALA												
		WAD MEDANI												
		RENK												
		ROSEIRES												
		EL OBEID												
		EL FASHER												
		GENEINA												
		MALAKAL												
		WAU												
		JUBA												

At 1800 on 21st

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARANI	02	8	30	1	2	8	6	20.6	15.9	76	12	0
MATRUH	01	7	30	1	1	3	6	20	13	94	12	
EL DABA	01	7	32	1	1	5	8		15.2	73	10	0
ALEXANDRIA	02	5	08	1	2	8	6	19.8	15.0	68	09	0
FOUAD (Airport)	00	7	06	1	1	2	8	19.3	12	94	11	0
DAMIETTA	00		32	3	0	2	8	18.4	15.1	72	10	0
PORT SAID	00	7	01	4	0	0	-	18	16	64	09	0
EL ARISH	00	9	32	3	0	0	-	16.7	16.1	64	09	0
DAMANHUR	00	6	04	2	1	0	-	17.6	13.2	78	09	0
MANSURA	00	5	02	2	1	0	-	18.8	12.8	70	08	0
TANTA	01	8	00	0	1	5	8	19.8	12.4	82	09	0
ZAGAZIG	00	6	00	0	0	0	-	19.2	12.7	89	11	0
SHIBIN EL KOM	00	7	30	2	1	1	6	21.9	13.4	74	08	0
ISMAILIA	00	5	02	1	0	0	-	17.8	13.0	66	07	0
FAROUK (Airport)	00	7	04	4	0	0	-	18	14	88	12	0
ALMAZA	00	7	03	3	0	0	-	18.1	13.7	78	10	0
EZBEKIYA	00	7	32	1	0	0	-	18.4	13.0	78	09	0
GIZA	00	7	32	1	0	0	-	18.6	14.9	70	10	0
HELWAN	00	7	32	4	0	0	-	18.3	14.1	69	08	0
FAIYUM	00	8	30	1	1	0	-	17.4	14.2	69	08	0
BENI SUEF	00	9	02	2	0	0	-	16.7	15.3	64	08	0
MINYA	00	7	32	2	0	0	-	17	12	67	06	0
ASYUT	00	6	22	1	0	0	-	16.6	14.2	65	07	0
NAG HAMMADI	00	8	28	1	0	0	-	13.2	14.5	70	09	0
QENA	00	6	26	3	0	0	-	14.0	15.0	61	08	0
LUXOR	00	7	21	1	0	0	-	14	16	59	08	0
ASWAN												
SIWA	00	6	00	0	0	0	-	20.7	14.5	54	05	0
BAHARIYA	01	7	32	1	1	3	8	19.6	13.0	72	08	0
FARAFRA	00	7	28	1	1	0	-	20.0	12.1	64	05	0
DAKHLA	00	8	28	1	0	0	—		16.0	67	10	0
KHARGA	00	7	30	1	0	0	-	17.5	15.3	55	06	00
SUEZ	00	6	32	2	0	0	-	16.6	13.9	68	08	0
TOR	00	8	28	4	0	0	-	12.4	19.0	38	04	0
HURGHADA	00	8	26	2	0	0	-	13	17	68	11	0
QUSEIR	00	8	28	4	0	0	-	14.2	19.0	63	12	0

At 0600 on WEDNESDAY 22nd

Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Maximum Yesterday T_xT_x	Max. Diff. from norm.	Minimum Today T_nT_n	Min. Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	Station
00	9	20	4	2	1	9	19.4		12.1	19		8		80	09	0	146		SIDI BARANI
00	7	22	3	0	0	-	19		11	18		10		88	09	tr	120		MATRUH
00	8	16	1	0	0	-			12.0	21		8		80	09	0	94		EL DABA
01	8	12	2	6	5	4	19.2	+0.5	15.0	20	0	12	0	70	10	1	128	79	ALEXANDRIA
00	7	22	2	0	2	8	19.0		13	18		10		88	11	tr	118		FOUAD (Airport)
00		18	2	0	2	8	19.0	+0.9	12.5	18		8		87	10	0	58	34	DAMIETTA
																	17		PORT SAID
01	9	16	1	1	5	8	18.6	-0.2	11.8	18	-2	9	+1	80	09	0	30	28	EL ARISH
00	6	24	3	0	0	-	19.4	+0.7	9.6	19	-2	9	0	92	09	0	24	30	DAMANHUR
01	7	24	1	1	5	4	19.2	+0.5	11.8	20	-1	10	+1	78	08	0	12	14	MANSURA
00	8	00	0	1	0	-	19.9	+0.8	8.2	20	-1	5	-3	94	07	0	8	12	TANTA
00	6	00	0	0	0	-	19.9	+0.7	9.4	21	0	7	-1	84	06	0	3	9	ZAGAZIG
00	7	02	2	0	1	8	19.9	+0.7	12.1	20		8		78	08	0	4		SHIBIN EL KOM
01	5	22	1	1	7	6	19.1		10.7	20		8		83	08	0	4		ISMAILIA
00	7	12	2	0	0	-	20		11	20		8		[illegible]	08	0	dr		FAROUK (Airport)
00	7	00	0	0	0	-	20.0	+0.7	10.0	20		6		79	06	0	2		ALMAZA
00	7	00	0	0	0	-	19.9	+0.6	10.3	21	+1	8	-1	88	08	0	6	7	EZBEKIYA
00	7	00	0	0	0	-	19.8	+0.4	9.0	20	0	5	-2	91	08	0	12	8	GIZA
00	6	00	0	0	0	-	20.0	+0.5	9.9	19	-1	7	-2	80	07	0	6	7	HELWAN
00	7	00	0	0	1	8	20.2	+0.8	10.0	20	-2	8	0	74	06	0	tr	2	FAIYUM
00	9	04	1	0	0	-	19.9		8.6	21		4		89	07	0	tr		BENI SUEF
05	6	30	2	0	0	-	20		8	20		5		71	03	0	4		MINYA
00	7	26	1	0	0	-	21.8	+1.8	10.3	21	0	7	0	83	08	0	0	3	ASYUT
00	8	28	1	0	0	-	18.2	-1.1	10.2	21		7		84	07	0	0		NAG HAMMADI
00	7	22	3	0	0	-	18.0	-0.8	11.4	19	-5	8	0	81	08	0	dr		QENA
00	8	23	2	0	0	-	17		12	22		7		77	08	0	dr		LUXOR
00	9	28	1	0	0	-	17.4	-1.5	13.5	23	-2	10	-1	83	11	0	dr		ASWAN
00	7	00	0	0	0	-	21.6	+1.1	8.2	21	0	5	0	70	03	0	0	3	SIWA
08	4	28	1	4	3	5	20.6	+0.4	7.0	19	-2	4	-2	92	06	0	dr	3	BAHARIYA
00	8	12	1	0	0	-	21.4		10.0	19		7		68	04	0	dr		FARAFRA
00	8	24	1	0	0	-	20.7	+0.4	9.2	20	-3	7	+1	78	05	0	dr		DAKHLA
00	8	00	0	0	0	-	19.8	+0.6	12.2	21	-2	10	+2	78	08	0	0		KHARGA
01	7	32	1	1	5	8	18.4	-0.2	10.1	19	-2	8	-2	88	08	0	12	8	SUEZ
00	7	02	1	0	0	-	15.1	-2.7	14.0	21	-1	8	-2	57	06	0	0	6	TOR
00	9	25	2	0	0	-	15		15	20		11		68	09	0	dr		HURGHADA
00	8	28	4	0	0	-	15.1	-2.4	15.4	23	-1	13	-2	45	03	0	0	4	QUSEIR
02	8	30	5	2	9	6	12		23			22		69	17	0	33	76	PORT SUDAN
																0	0		WADI HALFA
																0	3	1	KAREIMA
																0	7	2	ATBARA
00	8	32	4	0	1	2	15		16			15		28	-3	0	10	4	KHARTUM
																0	2	8	KASSALA
																0	11	12	WAD MEDANI
																0	0	49	RENK
																0	2	36	ROSEIRES
																0	0	16	EL OBEID
00	8	00	0	0	2	2			10			7		35	-5	0	0	6	EL FASHER
01	8	04	3	1	5	1			14			12		25	-6	0		4	GENEINA
																0	69	88	MALAKAL
																0	261	143	WAU
																0	129	139	JUBA

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	48
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99
with Haze	94-96
with Duststorm	98
heavy with Haze	99

PAST WEATHER (W)

21st	
64	-1
75	+6
76	+2
67	+10

GIZA
22nd 3.0

UPPER AIR OBSERVATIONS on 21st

DD Direction of wind in degrees East of North. VV Velocity in knots.

FAROUK A/PORT — RAWINSONDE — on 22nd at 3

Height feet	Temp.	Humidity	Wind DD	Wind VV
1060	8	85	210	4
500	9	85	210	4
3360	5	85	10	17
4880	2	85	10	21
6480	0	55	360	16
9960	-5	25	330	12
13880	-12	25	310	13
18380	-19	—	320	37
30150	-48	—	320	70
38810		—		

Height	FOUAD A.P. (15) DD	VV	MINYA (14 30) DD	VV	ALMAZA (14 30) DD	VV	MATRUH (13 30) DD	VV	PORT SAID (14 30) DD	VV
200	30	8	360	31	20	8	350	10	30	13
500	40	7	360	31	30	7	330	7	20	13
1000	40	8	350	45	30	7	30	3	10	11
1500	40	7	340	16	20	6	30	6	360	15
2000	10	12	330	9			10	6	20	9
3000			310	35			340	10		
4000							330	11		
5000							340	16		
6000							320	24		

UPPER AIR OBSERVATIONS on 22nd

DD Direction of wind in degrees East of North. VV Velocity in knots.

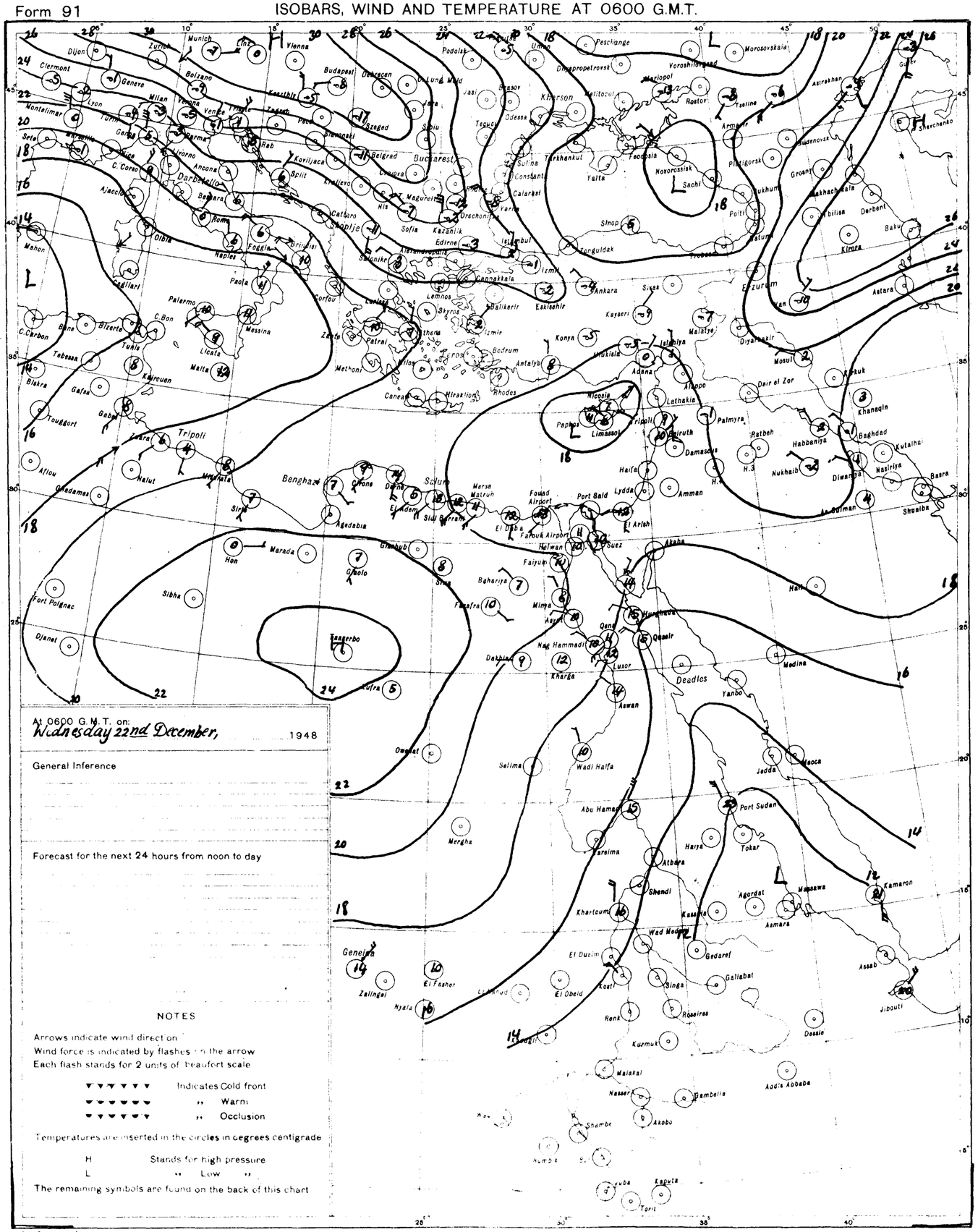
Height	SIDI BARANI (5) DD	VV	MATRUH (5) DD	VV	FOUAD AIRPORT (3 30) DD	VV	PORT SAID (3 45) DD	VV	(3) DD	VV	HELWAN (7) DD	VV	MINYA (3) DD	VV	(5) DD	VV	(5) DD	VV
200	260	21	260	15	300	5	340	7	310	9	10	2	360	29	350	5	300	16
500	270	21	280	15	340	6	350	7	20	14	30	14	10	25	360	22	310	15
1000	280	17	290	12	330	7	30	9	20	15	10	20	10	31	360	24	320	13
1500	290	14	200	15	310	15			10	18	20	20	340	36	350	27	300	11
2000	300	16	250	5	340	5			360	14	20	17	340	31	330	36	300	9
3000	290	21							340	10					320	22	320	19
4000																	320	23
5000									330	21								

Height	BAHARIYA (5) DD	VV	DAKHLA (5) DD	VV	KHARGA (6 30) DD	VV	HURGHADA (9 30) DD	VV	(4) DD	VV
200	40	8			10	10	330	26		
500	30	12	10	13	10	26	310	17	10	25
1000	10	15	360	20	360	30	310	11	20	25
1500	360	23	360	17	360	23	60	7	360	2
2000	360	25							290	10
3000	330								260	6
4000	350	23								

Times G.M.T.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
Wednesday 22nd December, 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of Beaufort scale

Indicates Cold front
,, Warm
,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

S.O.E. 94814/955

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 48 G.M.T.

" " Sunset 15 01 G.M.T.

MINISTRY OF NATIONAL DEFENCE. — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: THURSDAY 23rd DECEMBER, 1948.

At 1200 on WEDNESDAY 22nd

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARANI												
	160	MATRUH	01		26	4	1	5	2	17	18	49	07	0
	134	EL DABA	00	8	24	1	0	0	-		18.2	43	05	0
	132	ALEXANDRIA	01	9	24	4	2	5	8	17.0	17.7	61	10	0
	150	FOUAD (Airport)	01	8	22	3	1	5	8	17.0	19	52	09	0
	159	DAMIETTA	01	8	24	2	1	5	8	16.7	17.3	72	12	0
	161	PORT SA'ID	00	8	23	1	0	1	9	17	19	49	08	0
	135	EL ARISH	01	9	32	2	1	5	8	17.6	17.8	53	08	0
Lower Egypt	136	DAMANHUR	01	7	20	3	1	7	8	17.5	20.0	57	11	0
	137	MANSURA	01	8	24	2	1	5	8	17.1	19.8	47	08	0
	138	TANTA	01	8	24	2	1	5	8	17.0	20.0	55	11	0
	139	ZAGAZIG	01	6	00	0	0	5	8	17.4	18.1	62	11	0
		SHIBIN EL KOM	11	8	30	3	1	5	8		20.4	33	03	0
		ISMAILIA	01	6	14	1	1	5	6	17.1	19.7	50	09	0
Cairo Area	828	FAROUK (Airport)	01	8	24	2	0	3	8	17	19	46	07	0
	141	ALMAZA	05	7	28	2	0	5	8		18.2	53	08	0
		EZBEKIYA	01	8	32	1	1	5	8	17.5	18.5	51	08	0
		GIZA	01	8	32	1	1	5	8	17.6	18.2	60	10	0
	143	HELWAN	00	8	26	2	0	1	8	17.0	17.6	45	06	0
Upper Egypt	153	FAIYUM	01	8	32	2	1	5	8	17.9	19.0	40	05	0
		BENI SUEF	00	9	02	1	0	0	-	17.2	19.3	46	07	0
	162	MINYA	00	8	01	3	0	1	8	18	19	41	05	0
	155	ASYUT	00	8	28	1	0	0	-	17.2	18.6	41	05	0
	164	NAG HAMMADI	00	8	28	2	0	0	-	15.6	19.0	44	06	0
	156	QENA	00	9	32	2	0	0	-	14.7	20.0	38	05	0
	157	LUXOR	00	8	30	2	0	0	-	15	20	46	08	0
	158	ASWAN	00	9	30	3	0	0	-	14.7	20.0	36	04	0
Oases	148	SIWA	00	8	28	2	0	0	-		21.5	51	11	0
	149	BAHARIYA	02	8	28	1	1	5	4	19.5	18.2	52	08	0
		FARAFRA												
	152	DAKHLA	00	9	28	3	0	0	-	18.8	18.3	44	05	0
	151	KHARGA	00	8	32	4	0	0	-	17.3	19.2	38	04	0
Red Sea	144	SUEZ	00	8	32	3	0	2	8	15.4	17.9	43	05	0
	145	TOR	00	8	28	5	0	0	-	13.9	20.0	57	11	0
	163	HURGHADA	00	9	30	3	0	0	-	15	18	64	11	0
		QUSEIR	00	8	32	4	0	0	-	14.3	20.6	53	11	0
	209	PORT SUDAN												
Sudan		WADI HALFA												
		KAREIMA												
		ATBARA												
		KHARTUM												
		KASSALA												
		WAD MEDANI	00	8	30	2	1	0	-	8	29	14	-1	0
		RENK												
		[illegible]	00	8	30	2	0	0	-	9	32	29	12	0
		EL OBEID												
		EL FASHER												
		GENEINA	00	8	30	2	1	2	1		27			0
		MALAKAL	00	8	32	2	1	5		7	32	15	02	0
		WAU	00	8	30	1	2	1		7	33			
		JUBA												

At 1800 on 22nd

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. PPP	Temp. TT	Humidity UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARANI	01	8	26	2	1	5	4	17.9	14.5	77	10	0
MATRUH	00	7	27	3	2	0	-	18	13	72	08	0
EL DABA	00	7	24	1	0	0	-		19.3	44	06	0
ALEXANDRIA	00	5	24	4	0	0	-	16.4	17.2	52	07	0
FOUAD (Airport)	00	7	26	4	1	0	-	15.6	17	56	08	0
DAMIETTA	00		04	2	6	2	8	17.0	18.2	48	07	1
PORT SA'ID	00	7	21	4	0	2	6,1	17	16	68	10	0
EL ARISH	00	9	16	1	0	0	-	16.8	14.2	66	08	0
DAMANHUR	00	6	20	3	1	0	-	18.0	13.2	77	09	0
MANSURA	00	5	20	2	1	0	-	17.4	12.5	81	09	0
TANTA	01	8	24	1	1	5	8	18.6	13.4	80	10	0
ZAGAZIG	00	6	00	0	0	0	-	18.7	13.0	80	10	0
SHIBIN EL KOM	01	7	02	2	1	3	8		13.9	68	08	0
ISMAILIA	00	6	22	1	0	0	-	17.8	14.0	69	08	0
FAROUK (Airport)	00	7	20	2	0	0	-	18	15	55	06	0
ALMAZA	00	7	22	2	0	k	6	17.9	14.5	62	08	0
EZBEKIYA	01	7	00	0	1	5	8	18.6	15.0	61	08	0
GIZA	01	7	00	0	1	5	8	18.7	13.3	65	07	0
HELWAN	00	7	00	0	0	0	-	18.7	13.9	65	08	0
FAIYUM	00	8	14	1	0	1	8	19.0	13.8	68	08	0
BENI SUEF	00	9	24	1	0	0	-	18.6	12.1	75	08	0
MINYA	00	7	32	1	0	0	-	20	11	63	04	0
ASYUT	00	6	28	1	0	0	-	19.0	13.3	63	06	0
NAG HAMMADI	00	8	32	1	0	0	-	16.3	13.2	73	08	0
QENA	00	6	24	2	0	0	-	16.3	12.8	64	06	0
LUXOR	00	7	00	0	0	0	-	16	14	59	06	0
ASWAN	00	9	00	0	0	0	-	16.4	18.0	31	00	0
SIWA	00	6	00	0	0	0	-	20.4	14.5	53	04	0
BAHARIYA	00	7	28	1	1	0	-		11.5	78	08	0
FARAFRA												
DAKHLA	00	8	28	1	0	0	-	18.8	13.9	59	06	0
KHARGA	00	7	00	0	0	0	-		13.2	56	04	0
SUEZ	00	6	00	0	0	0	-	16.7	12.9	70	08	0
TOR	00	7	28	3	0	0	-	16.0	16.0	61	09	0
HURGHADA	00	8	28	3	0	0	-	16	17	60	09	0
QUSEIR	00	8	28	4	0	0	-	15.4	18.4	53	08	0

At 0600 on THURSDAY 23rd

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Maximum Yesterday TxTx	Max. Diff. from norm.	Minimum Today TnTn	Min. Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Rainfall Total From Oct. 1	Rainfall Norm. From Oct. 1
SIDI BARANI	01	9	20	3	1	3	9	18.6		11.6	19		10		79	08	0	146	
MATRUH											18						0	120	
EL DABA	02	7	26	1	2	8	9	18.4		11.4	19		8		83	08	0	94	
ALEXANDRIA	02	8	32	2	2	8	8	18.2	-0.5	16.4	18	-1	13	+1	68	10	0	128	81
FOUAD (Airport)	02	7	28	1	2	8	8,4	17.7		16	19		15		68	10	0	118	
DAMIETTA	01		20	2	1	3	8	17.2	-0.9	10.9	19		8		90	09	1	59	35
PORT SA'ID	00	7	22	4	0	2	8,4	18		12	20		12		88	10	0	17	
EL ARISH	01	8	20	3	1	5	8	16.7	-2.1	13.8	20	0	11	+3	61	07	0	30	29
DAMANHUR	02	5	20	2	5	8	8	18.2	-0.5	11.4	21	0	9	0	96	10	dr	24	31
MANSURA	01	7	24	2	1	5	8	18.2	-0.5	11.2	21	0	9	0	83	08	0	12	14
TANTA	01	8	12	1	1	5	8	19.2	+0.1	10.8	21	0	7	-1	89	09	0	8	12
ZAGAZIG	02	6	14	1	2	9	8	18.8	-0.4	9.8	22	+1	8	0	82	07	0	3	9
SHIBIN EL KOM	50	6	22	2	5	5	9	19.2	0.0	11.2	22		7		78	07	dr	4	
ISMAILIA	01	5	22	4	1	7	5	18.6		13.9	21		9		56	05	0	4	
FAROUK (Airport)	01	7	20	3	0	5	6	19		12	20		11		63	05	0	dr	
ALMAZA	01	7	16	3	0	5	6	19.1	-0.3	11.8	20		11		61	04	0	2	
EZBEKIYA	01	7	00	0	0	3	4	19.8	+0.4	10.0	20	0	9	0	74	06	0	6	7
GIZA	01	7	00	0	0	3	4	19.8	+0.4	10.9	21	+1	8	+1	89	09	0	12	8
HELWAN	01	6	12	2	1	5	4	20.4	+0.8	10.1	18	-2	9	0	71	05	0	6	7
FAIYUM	00	8	22	2	0	0	-	20.2	+0.8	10.8	20	-2	7	-1	60	04	0	tr	2
BENI SUEF	00	9	12	1	0	0	-	20.4		10.9	20		6		69	06	0	tr	
MINYA	05	5	00	0	0	0	-	21		9	19		5		67	03	0	4	
ASYUT	00	7	28	1	0	0	-	21.4	+1.4	11.3	19	-2	6	-1	64	04	0	0	3
NAG HAMMADI	00	8	00	0	0	0	-	21.0	+1.6	9.0	20		5		76	05	0	0	
QENA	00	7	24	2	0	0	-	21.2	+2.4	11.1	21	-3	6	-2	78	07	0	dr	
LUXOR	00	8	19	2	0	0	-	21		11	20		5		77	07	0	dr	
ASWAN	00	9	00	0	0	0	-	20.6	+1.7	11.2	21	-4	8	-3	73	06	0	dr	
SIWA	00	7	00	0	0	0	-	21.6	+1.0	9.5	22	+1	3	-2	59	02	0	0	4
BAHARIYA	00	8	00	0	0	0	-	21.2	+1.0	10.0	20	-1	7	+2	62	03	0	dr	3
FARAFRA																		dr	
DAKHLA	00	8	00	0	0	0	-	21.5	+1.1	6.5	19	-3	5	-1	77	02	0	dr	
KHARGA	00	8	00	0	0	0	-	22.0	+2.8	9.8	20	-3	5	-2	73	05	0	0	
SUEZ	00	6	08	1	0	2	8	18.2	-0.4	13.1	20	-1	8	-2	72	08	0	12	8
TOR	00	8	28	3	00	0	-	18.3	+0.4	16.8	21	-1	11	+1	55	08	0	0	6
HURGHADA	00	9	16	2	0	k	8	19		13	19		9		63	06	0	dr	
QUSEIR	00	8	28	4	0	0	-	18.4	+0.9	14.7	21	-3	12	-3	51	05	0	0	4
PORT SUDAN	00	8	30	3	0	1	6,1	15		22			17		61	14	0	33	77
WADI HALFA																	0	0	
KAREIMA	00	8	04	2	0	k	2	18		18			11		40	04	0	3	1
ATBARA	02	7	30	3	0	8	1	16		16			13		32	-1	0	7	2
KHARTUM	01	8	32	3	0	7	1	16		16			10		28	-3	0	10	4
KASSALA	00	8	00	0	0	0	-	16		19			12		56	10	0	2	8
WAD MEDANI	01	9	32	3	1	5	1	15									0	11	12
RENK	00	9	04	3	0	0	-	14		21					57	12	0	0	49
[illegible]	00	8	32	3	0	0	-	12		16					45	04	0	2	36
EL OBEID	01	8	30	3	1	7	1	16		16					20	-7	0	0	16
EL FASHER	02	8	32	1	2	8	2			22					19	-3	0	0	6
GENEINA	02	8	04	3	1	10	2			24			13		14	-6	0		4
MALAKAL	02	8	32	3	2	9	2	13		19			15		32	02	0	69	88
WAU	02	8	00	0	1	10	2	13		18			16		52	08	0	261	143
JUBA	02	7	00	0	1	10	2	13		22			17		65	15	0	129	139

UPPER AIR OBSERVATIONS on 22nd

DD Direction of wind in degrees East of North. VV Velocity in knots.

	22nd	
[illegible]	56	-9
[illegible]	67	-2
Giza	71	-3
[illegible]	67	+10

23rd 2.8

ALMAZA (no entries)

FAROUK AIRPORT — Radiosonde — On 23rd — 3

Pressure mbs.	Height feet	Temp.	Hum.	DD	VV
1008		12	61	210	13
1000	450	12	65	210	13
900	3340	8	85	290	20
850	4880	4	95	290	27
800	6480	1	85	290	29
700	9990	-3	-	280	41
600	13940	-8	-	280	44
500	18490	-19	45	270	71
300	30390	-54	-		
200	39080	-51	-		

Height	Fouad A.P. (15) DD	VV	Port Said (14 15) DD	VV	Almaza (14) DD	VV	Minya (14 30) DD	VV
200	220	18	240	7	140	2	340	16
500	240	31	250	11	140	2	340	13
1000	240	16	260	13	140	2	330	13
1500			260	16	150	3	340	20
2000			270	7			330	19
3000			60	6				
4000			330	6				

UPPER AIR OBSERVATIONS on 23rd

DD Direction of wind in degrees East of North. VV Velocity in knots.

Height	Sidi Barani (5) DD	VV	Matruh (3) DD	VV	Fouad Airport (3) DD	VV	Port Said (4 45) DD	VV	Farouk Airport (3) DD	VV	Almaza (9) DD	VV	[illegible] (7 15) DD	VV	[illegible] (5) DD	VV	[illegible] (5) DD	VV
200	290	18			320	12	280	18	310	14	350	7	170	6	20	3	260	29
500	280	18			330	16	300	16	280	17	20	6	280	6	360	27	260	33
1000	290	17			340	16	300	20	290	17	70	9	290	15	10	16	260	29
1500	300	19			280	18					70	18	290	16	340	14	280	24
2000	300	21							290	26								
3000									280	34					320	8		
5000									270	50								

Height	Bahariya (5) DD	VV	Dakhla (5) DD	VV	Kharga (6 15) DD	VV	Hurghada (9) DD	VV
200	290	20	350	9	360	10	340	15
500	300	28	360	12	360	19	320	16
1000	310	32	350	14	360	21	310	15
1500	310	25	350	12			320	16
2000			350	14				

PRESENT WEATHER (ww)

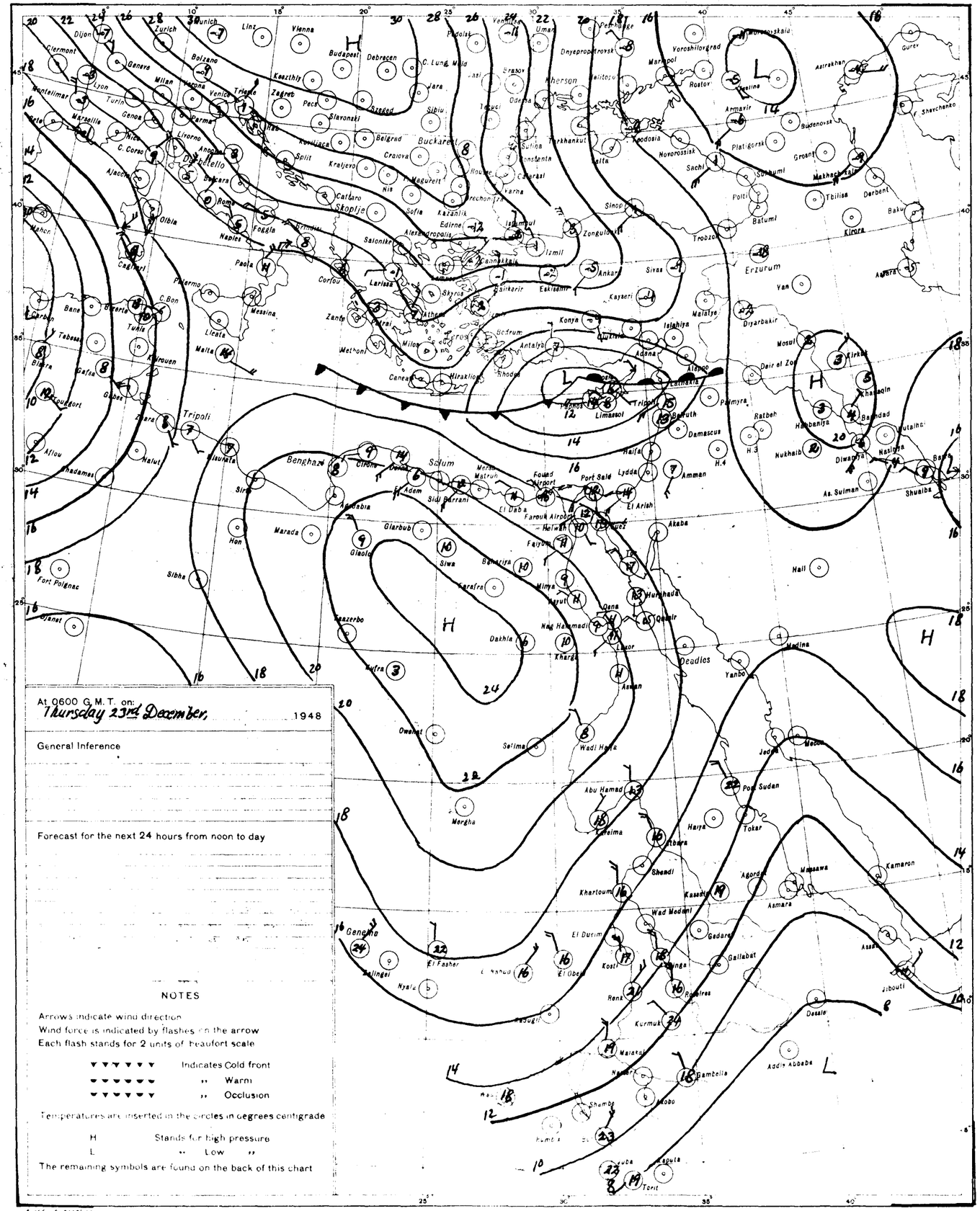
Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20 29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30 34
Fog or Thick Haze	40 49
Mist Fog in last hour	41
[illegible]	42
Fog in patches	49
Drizzle	50 59
Rain	60 65
Rain and Fog	67
Rain and Snow	68 69
Snow	70 79
Showers	80 89
of Snow	83 84
of Sleet	85 86
of Hail	88 89
Thunderstorm	90 99
ended, now Rain	91
with Hail	94 96
with Duststorm	98
heavy, with Hail	99

PAST WEATHER (W)

[illegible]

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: Thursday 23rd December, 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of Beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

5 cft 9-8148/951

SCALE 1:5,000,000

CAIRO

Time of Sunrise 04 48 G.M.T.

" " Sunset 15 01 G.M.T.

MINISTRY OF NATIONAL DEFENCE, METEOROLOGICAL DEPARTMENT, EGYPT

Form 91

DAILY WEATHER REPORT

Date: FRIDAY 24th DECEMBER, 1948.

At 1200 on THURSDAY 23rd

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
MEDITERRANEAN	146	SIDI BARANI	02	9	28	3	2	8	9	18.8	17.0	69	11	0
	160	MATRUH	01	8	32	3	1	7	8	18	17	69	11	0
	134	EL DABA	01	8	24	1	1	5	9		18.0	63	11	0
	132	ALEXANDRIA	63	6	28	4	6	10	9	17.8	14.4	85	12	8
	150	FOUAD (Airport)	13	7	23	2	8	10	8	17.6	16	77	12	R
	159	DAMIETTA	02	7	28	3	5	8	9	16.8	16.0	85	14	tr
	161	PORT SAID	02	7	24	4	1	9	8	17	18	68	12	0
	135	EL ARISH	02	8	24	2	5	8	8	16.6	18.3	63	11	tr
LOWER EGYPT	136	DAMANHUR	02	7	28	2	5	9	8	18.0	17.0	80	14	tr
	137	MANSURA	01	7	24	2	1	5	6	17.1	19.8	55	10	0
	138	TANTA	01	8	20	4	1	7	8	18.4	19.0	63	12	0
	139	ZAGAZIG	01	6	24	1	5	5	8	17.4	17.8	70	12	tr
		SHIBIN EL KOM	01	8	22	3	1	3	8	18.0	19.4	34	03	0
		ISMAILIA	01	6	24	2	1	5	4	17.1	19.1	52	09	0
CAIRO AREA	928	FAROUK (Airport)	C1		25	4	1	5	8	17	18	52	08	0
	141	ALMAZA	01	7	20	3	1	5	8	17.5	18.5	50	07	0
		EZBEKIYA	01	8	22	2	1	5	8	17.8	18.5	50	07	0
		GIZA	01	8	22	2	1	5	8	17.9	22.0	43	09	0
	143	HELWAN	01	8	16	2	1	5	8	17.9	18.2	45	06	0
	153	FAIYUM	00	8	26	2	0	0	-	18.4	20.5	32	03	0
		BENI SUEF	00	9	32	1	0	0	-	18.0	20.9	36	05	0
	162	MINYA	00	8	30	4	0	0	-	19	22			0
	155	ASYUT												
	164	NAG HAMMADI	00	8	28	1	0	0	-	17.6	20.0	42	07	0
	156	QENA	00	9	28	1	0	0	-	17.9	20.1	35	05	0
	157	LUXOR	00	8	26	3	0	0	-	18	20	49	09	0
	158	ASWAN	00	9	32	1	0	0	-	17.8	20.0	32	03	0
	148	SIWA	00	8	28	2	0	0	-	21.5	20.4	53	10	0
	143	BAHARIYA	00	8	28	2	0	0	-	20.1	19.0	38	04	0
		FARAFRA												
	152	DAKHLA	00	9	28	1	0	0	-	20.4	19.0	30	01	0
	151	KHARGA	00	8	32	3	0	0	-	20.4	20.1	39	05	0
	144	SUEZ	01	8	00	0	1	5	8	15.9	19.8	49	09	0
	145	TOR	00	7	28	4	0	0	-	16.8	20	55	11	0
	163	HURGHADA	00	9	30	3	0	0	-	17	19	64	12	0
	147	QUSEIR	00	8	02	3	0	0	-	17.0	20.0	47	08	0
		PORT SUDAN												
		WADI HALFA												
		KAREIMA												
		ATBARA												
	209	KHARTUM												
	170	KASSALA												
		WAD MEDANI												
		RENK												
		ROSEIRES												
		EL OBEID												
		EL FASHER	00	8	24	3	1	2						
		GENEINA	02	8	28	2	1	10	2		32	12	-01	0
		MALAKAL	02	8			1	10	2	7	32	12	-01	0
		WAU												
		JUBA												

At 1800 on 23rd

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARANI	64	7	10	2	8	10	7	20.7	12.8	97	12	4
MATRUH	01	7	12	1	8	5	6	20	14	88	12	tr
EL DABA	20	6	24	1	5	10	9		17.1	63	10	tr
ALEXANDRIA	61	5	32	2	6	10	9	19.9	15.2	67	9	4
FOUAD (Airport)	01	7	30	2	1	5	8	19.4	16	68	10	0
DAMIETTA	00		22	2	0	2	8	18.7	13.9	86	12	0
PORT SAID	00	7	24	3	8	2	8	18	15	82	12	tr
EL ARISH	03	7	32	3	8	10	9	15.8	15.7	73	10	tr
DAMANHUR	40	3	28	2	6	8	5	19.5	13.6	96	12	2
MANSURA	03	5	24	2	5	10	9	19.5	14.0	87	11	tr
TANTA	02	8	00	0	5	8	8	20.4	15.0	88	13	tr
ZAGAZIG	60	6	00	0	5	5	8	19.5	13.5	86	11	tr
SHIBIN EL KOM	01	7	30	2	1	3	6	19.0	13.8	74	9	0
ISMAILIA	02	5	00	0	6	8	5	19.2	14.2	87	12	1
FAROUK (Airport)	00	7	00	0	1	0	-	20	15	81	11	0
ALMAZA	00	7	00	0	1	0	-	19.8	14.3	81	11	0
EZBEKIYA	00	7	00	0	0	0	-	20.0	13.8	81	11	0
GIZA	00	7	00	0	0	0	-	20.3	13.1	88	11	0
HELWAN	00	8	18	1	0	0	-	20.3	14.3	70	09	0
FAIYUM	00	8	00	0	0	0	-	19.5	13.0	70	08	0
BENI SUEF	00	9	30	1	0	0	-	19.9	13.2	62	06	0
MINYA	00	7	29	2	0	0	-	20	12	44	00	0
ASYUT	00	6	22	1	0	0	-	19.8	12.0	56	03	0
NAG HAMMADI	00	8	00	0	0	0	-	19.2	10.5	71	06	0
QENA	00	6	24	2	0	0	-	19.8	16.7	36	02	0
LUXOR	00	7	00	0	0	0	-	20	13	67	07	0
ASWAN	00	9	32	2	0	0	-	19.4	17.6	39	03	0
SIWA	00	6	00	0	0	0	-	20.8	12.3	62	05	0
BAHARIYA	00	7	28	1	0	0	-	21.1	12.0	48	01	0
FARAFRA												
DAKHLA	00	8	28	1	0	0	-	21.5	14.9	52	05	0
KHARGA	00	7	00	0	0	0	-	21.2	13.1	46	02	0
SUEZ	00	6	32	4	0	0	-	18.0	15.1	81	12	0
TOR	00	7	28	4	0	0	-	18.0	19.0	45	07	0
HURGHADA	00	8	26	2	0	0	-	19	15	63	08	0
QUSEIR	00	8	28	4	0	0	-	18.0	17.6	56	09	0
PORT SUDAN	01	8	30	3	1	7	6	15	23	65	16	0
WADI HALFA												
KAREIMA	00	8	30	2	0	0	-	16	16	24	-05	0
ATBARA	00	7	30	2	1	0	-	15	19	19	-05	0
KHARTUM	00	8	30	5	1	2	1	13	22	27	02	0
KASSALA	01	8	30	1	1	5	2	11	24	47	12	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	01	8	30	2	1	5		13	18	37	03	0
EL FASHER	01	8	08	2	1	0	-		20	21	-03	0
GENEINA	00	8	24	3	0	0	-		23	18	-03	0
MALAKAL												
WAU	02	8			0	8	2	9	19	32	02	0
JUBA	02	9	22	1	1	10	2	11	22	61	14	0

At 0600 on FRIDAY 24th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Max. Yesterday TxTx	Diff. from norm.	Min. Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total From Oct 1	Norm. From Oct 1	Station	Area
SIDI BARANI	01	9	14	3	8	3	9/4	21.1		12.5	19		11		88	10	11	157		SIDI BARANI	MEDITERRANEAN
MATRUH	01	7	16	1	1	7	6	21		12	18		11		88	10	tr	120		MATRUH	
EL DABA	02	7	00	0	2	8	8			15.0	19		11		70	10	tr	94		EL DABA	
ALEXANDRIA	01	9	24	2	2	5	8	21.2	+2.4	15.6	17	-3	12	0	54	06	12	140	82	ALEXANDRIA	
FOUAD (Airport)	02	7	32	2	1	8	8/4	21.2		15	17		13		59	07	R	118		FOUAD (Airport)	
DAMIETTA	01		20	2	1	5	8	20.6	+2.5	13.0	19		8		75	09	tr	59	35	DAMIETTA	
PORT SAID	00	7	25	3	0	2	6	20		14	19		12		72	09	tr	17		PORT SAID	
EL ARISH	01	8	20	3	6	7	8	18.8	0.0	12.9	19	-1	11	+3	83	10	2	32	29	EL ARISH	
DAMANHUR	00	5	32	3	0	0	-	21.2	+2.5	10.3	17	-4	8	-1	89	08	2	26	32	DAMANHUR	LOWER EGYPT
MANSURA	00	8	24	2	1	0	-	21.1	+2.4	12.0	21	0	9	0	74	07	tr	12	14	MANSURA	
TANTA	00	8	00	0	1	0	-	22.3	+3.2	11.0	20	-1	6	-2	87	09	tr	8	12	TANTA	
ZAGAZIG	00	6	00	0	0	0	-	22.0	+2.8	11.1	21	0	7	-1	93	10	tr	3	7	ZAGAZIG	
SHIBIN EL KOM	09	6	28	2	4	1	8			11.8	20		8		78	08	0	4		SHIBIN EL KOM	
ISMAILIA	01	5	26	2	1	5	6	21.9		14.0	21		11		76	10	1	5		ISMAILIA	
FAROUK (Airport)	01	7	22	2	1	5	6			13	20		12			11	0	tr		FAROUK (Airport)	CAIRO AREA
ALMAZA	05	6	22	1	2	8	6	21.6	+2.2	12.8	20		12		86	10	0	2		ALMAZA	
EZBEKIYA	09	5	00	0	4	10	6	22.2	+2.8	12.6	20	0	10	+1	87	11	0	6	7	EZBEKIYA	
GIZA	09	5	00	0	4	10	6	22.2	+2.8	12.0	23	+3	10	+3	88	10	0	12	8	GIZA	
HELWAN	02	6	00	0	2	9	6	22.3	+2.7	11.2	19	0	10	+1	73	6	0	6	7	HELWAN	
FAIYUM	01	8	00	0	1	5	6	22.2	+2.8	9.8	22	0	7	0	69	05	0	tr	2	FAIYUM	
BENI SUEF	00	9	18	1	0	0	-	22.2		8.8	22		4		72	04	0	tr		BENI SUEF	
MINYA	00	7	00	0	0	0	-	22		9	22		5		71	04	0	4		MINYA	
ASYUT	00	7	26	1	0	0	-	22.4	+2.3	10.0	21	0	5	-2	64	03	0	0	3	ASYUT	
NAG HAMMADI	00	8	00	0	0	0	-	21.6	+2.2	8.0	20		4		71	03	0	0		NAG HAMMADI	
QENA	00	7	24	2	0	0	-	21.9	+3.1	11.0	21	-3	7	-1	63	04	0	tr		QENA	
LUXOR	00	8	00	0	0	0	-	21		11	21		4		63	04	0	tr		LUXOR	
ASWAN	00	9	32	2	0	0	-	21.5	+2.6	12.0	21	-4			54	03	0	tr		ASWAN	
SIWA	00	7	00	0	0	0	-	22.2	+1.6	4.8	21	0	3	-3	71	00	0	0	4	SIWA	
BAHARIYA	00	8	00	0	0	0	-	22.0	+1.8	9.0	20	0	4	-1	65	03	0	tr	4	BAHARIYA	
FARAFRA	00	8	00	0	0	0	-	23.0		4.8	20		1		59	-2	0	tr		FARAFRA	
DAKHLA	00	8	00	0	0	0	-	22.9	+2.5	6.0	20	-2	2	-4	60	-01	0	tr		DAKHLA	
KHARGA	00	8	00	0	0	0	-	22.4	+3.2	9.9	20	-3	6	-1	67	04	0	0		KHARGA	
SUEZ	02	7	32	1	2	9	8	19.9	+1.2	14.4	21	0	8	-2	75	10	0	12	8	SUEZ	
TOR	00	9	28	2	0	0	-	20.2	+2.3	17.9	21	-1	9	-1	56	09	0	0	6	TOR	
HURGHADA	00	0	25	2	0	[illegible]	8	20		13	20		9		48	02	0	tr		HURGHADA	
QUSEIR	00	8	28	3	0	0	-	19.4	+1.9	15.0	21	-3	13	-2	41	02	0	0	4	QUSEIR	
PORT SUDAN	02	8	30	4	1	5	6/4	15			27		16			14	0	33	78	PORT SUDAN	
WADI HALFA																	0	0		WADI HALFA	
KAREIMA											26						0	3	1	KAREIMA	
ATBARA											27						0	7	2	ATBARA	
KHARTUM	09	8	30	3	1	5	1	15		22	28		11		19	-3	0	10	4	KHARTUM	
KASSALA											27						0	2	8	KASSALA	
WAD MEDANI																	0	11	12	WAD MEDANI	
RENK																	0	0	49	RENK	
ROSEIRES																	0	2	36	ROSEIRES	
EL OBEID											27						0	0	16	EL OBEID	
EL FASHER											27						0	0	6	EL FASHER	
GENEINA											27						0		4	GENEINA	
MALAKAL																	0	19	88	MALAKAL	
WAU											28						0	261	143	WAU	
JUBA											33						0	129	140	JUBA	

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mist Fog in last hour	41
Fog in patches	45
Drizzle	50-59
Rain	60-69
Rain and Snow	68-69
Snow	70-79
Showers	80-...

UPPER AIR OBSERVATIONS on 23rd

DD Direction of wind in degrees East of North. VV Velocity in knots.

23rd	
65	0
70	+1
82	+8
65	+8

GIZA: 24th 5.0

FAROUK AIRPORT — RAWINSONDE on 24th 3

Pressure mbs.	Height feet	Temp. °C	Humid. %	Wind DD	Wind VV
Surface	1081	13	81	250	3
1000	530	13	85	250	3
900	3420	8	95	320	12
850	4960	4	95	300	17
800	6570	3		310	25
700	10120	-1	55	300	34
600	14100	-8	-	300	54
500	18710	-15	-	300	82
300	30780	-40	-		
200	39680	-48	-		

Height m	MINYA 15 DD	VV	MATRUH 13 45 DD	VV	PORT SAID 14 15 DD	VV	ALMAZA 14 15 DD	VV
200	300	19	340	15	280	20	290	6
500	310	20	330	11	300	21	270	7
1000	310	21	320	16	300	22	280	6
1500	320	15	ENT.Cb		290	23	250	6
2000	300	21			ENT.Cu		290	7
3000							ENT.Cu	

UPPER AIR OBSERVATIONS on 24th

DD Direction of wind in degrees East of North. VV Velocity in knots.

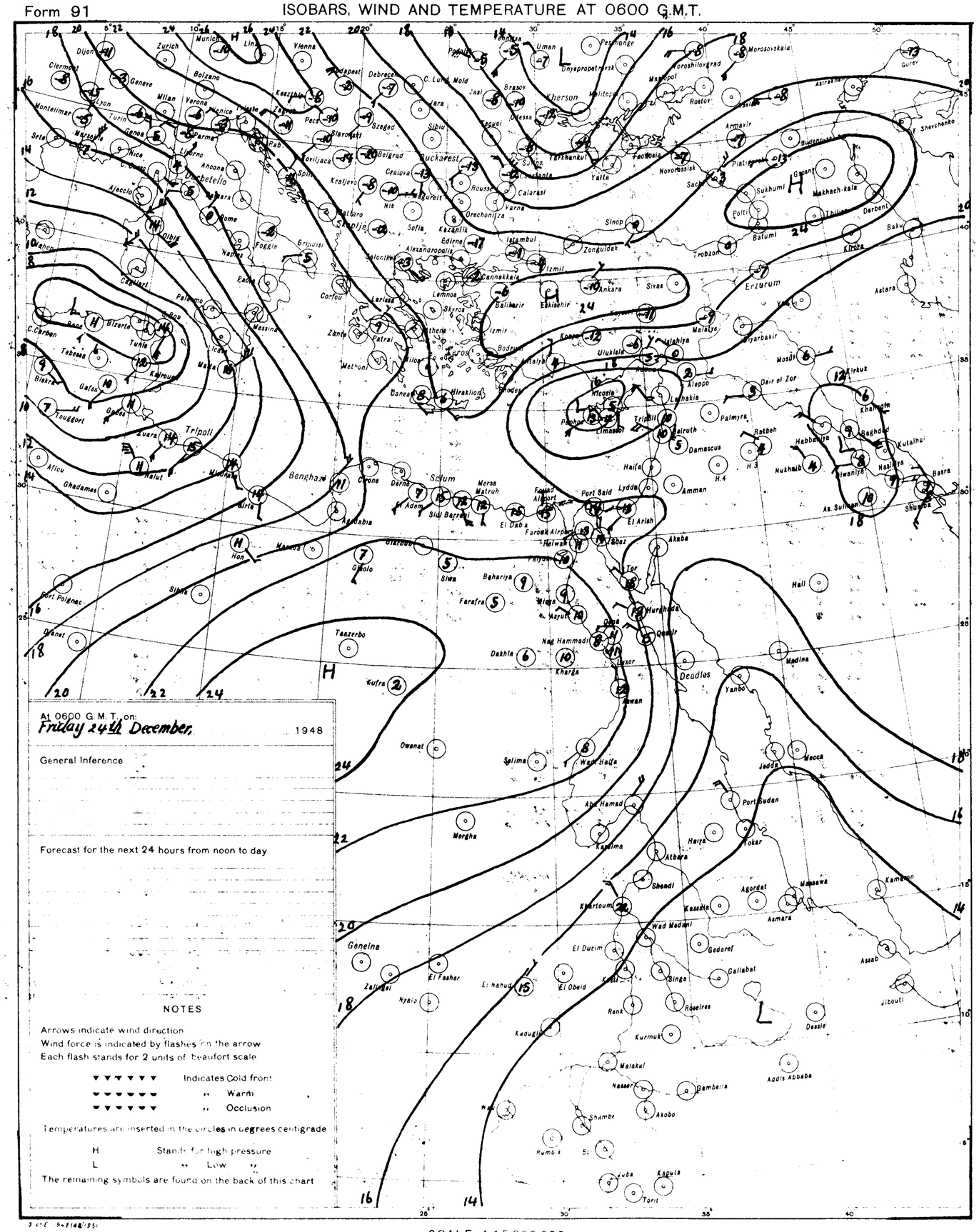
Height m	SIDI BARANI 5 DD	VV	MATRUH 5 DD	VV	FOUAD AIRPORT 15 DD	VV	PORT SAID 4 15 DD	VV	FAROUK AIRPORT 3 DD	VV	ALMAZA 6 30 DD	VV	HELWAN DD	VV	MINYA 4 30 DD	VV	ASYUT DD	VV	LUXOR DD	VV	ASWAN 5 DD	VV
200	150	15	40	5	350	20	300	21	300	9	350	4			320	4					300	5
500	160	10	40	5	340	18	310	22	330	12	360	3			330	10					310	7
1000	210	4	40	5	330	16	310	21	330	12	360	3			330	14					310	6
1500			330	6	330	21			300	15					330	22					290	14
2000									310	23					330	23					320	19
3000									300	29					360	26					300	17
4000																					330	21
5000																						
6000									300	19												
7000							0															

Height m	BAHARIYA 5 DD	VV	DAKHLA 5 DD	VV	KHARGA 6 15 DD	VV	HURGHADA 9 DD	VV
200	360	9	340	8	10	11	340	17
500	360	1	10	11	10	19	330	16
1000	340	13	10	10	10	21	350	15
1500	350	14	360	9	360	15	340	15
2000	330	16	350	17				
3000	320	28						

M.T.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
Friday 24th December, 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

Indicates Cold front
" Warm
" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L " Low "

The remaining symbols are found on the back of this chart

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 49 G.M.T.

" " Sunset 15 02 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: SATURDAY 25th DECEMBER, 1948.

At 1200 on FRIDAY 24th / At 1800 on 24th

Area	Index Number	Station	1200 Present Weather ww	V	Wind DD	F	Past Weather W	Cloud Amount 0-10	Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 6-12 G.M.T. mms	1800 Present Weather ww	V	Wind DD	F	Past Weather W	Cloud Amount 0-10	Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 12-18 G.M.T. mms
Mediterranean	146	SIDI BARANI	01	9	18	1	1	3	1	19.6	19.1	50	08	0	01	8	14	2	1	5	4		12.5	86	11	0
	160	MATRUH	01	7	20	1	1	7	8	21	18	55	09	0	00	7	19	2	0	h	6	21	12	88	10	0
	134	EL DABA	01	8	01	4	1	5	8	21.2	18.2	45	06	0	00	7	08	1	0	0	—		17.3	55	08	0
	132	ALEXANDRIA	01	9	06	2	2	3	8	21.1	17.0	52	07	0	00	5	14	2	0	0	—	21.2	15.0	68	09	0
	150	FOUAD (Airport)	00	8	30	2	0	1	8	21.1	17	52	07	0	00	7	16	1	0	0	—	22.3	11	82	08	0
	159	DAMIETTA	01	8	28	2	1	7	8	21.0	16.7	56	08	0	03		18	2	2	10	9	22.0	13.1	72	08	0
	161	PORT SAID	01	7	27	3	0	5	8	21	18	52	08	0	00	7	23	2	0	h	6	22	14	77	10	0
	135	EL ARISH	01	8	24	4	1	7	8	20.4	18.1	55	09	0	03	8	24	2	2	10	9	21.6	12.6	83	10	0
Lower Egypt	136	DAMANHUR	01	7	32	3	1	5	8	22.0	17.2	56	08	0	00	5	32	2	1	0	—	22.0	13.4	77	09	0
	137	MANSURA	01	8	28	2	1	5	8	21.4	18.2	48	07	0	00	5	28	2	1	0	—	22.7	11.2	79	07	0
	138	TANTA	01	8	24	3	1	5	8	21.2	19.0	53	09	0	00	8	24	1	1	0	—	22.7	13.0	77	09	0
	139	ZAGAZIG	00	6	00	0	0	0	—	21.6	17.8	57	09	0	00	6	00	0	0	0	—	23.3	11.8	88	10	0
		SHIBIN EL KOM	01	8	30	3	1	5	8	21.2	18.4	36	03	0	00	7	30	2	1	1	6	19.2	14.0	74	09	0
		ISMAILIA	01	6	26	2	1	5	4	22.2	19.0	46	07	0	00	6	28	1	0	0	—	20.7	15.2	56	06	0
Cairo Area	928	FAROUK (Airport)	01	7	04	2	1	5	8	21	18	54	08	0	00	7	12	2	1	0	—	22	13	60	05	0
	141	ALMAZA	01	8	30	2	2	5	8	21.4	17.3	52	08	0	00	7	10	2	0	0	—	22.6	12.8	65	06	0
		EZBEKIYA	01	8	28	2	1	5	8	21.8	18.2	50	07	0	00	7	00	0	0	0	—	22.8	11.7	76	08	0
		GIZA	01	8	28	2	1	5	8	21.6	17.9	47	06	0	00	7	00	0	0	0	—	22.7	11.3	74	07	0
	143	HELWAN	01	7	30	2	1	5	8	21.4	16.1	50	05	0	00	7	32	3	0	0	—	22.4	13.1	62	06	0
Upper Egypt	153	FAIYUM	02	8	00	0	2	8	6	21.5	18.3	50	07	0	00	8	02	1	0	0	—	22.2	12.6	70	08	0
		BENI SUEF	00	9	32	1	0	0	—		20.1	37	05	0	00	9	02	1	0	0	—	22.2	11.4	75	07	0
	162	MINYA	00	7	32	2	0	0	—	21	20	41	06	0	00	7	01	2	0	0	—	22	13	63	06	0
	155	ASYUT	00	8	28	1	0	0	—	19.2	18.9	39	05	0	00	6	28	1	0	0	—	22.0	12.2	63	05	0
	164	NAG HAMMADI	00	8	28	1	0	0	—		21.8	39	07	0	00	8	00	0	0	0	—	19.1	12.0	75	09	0
	156	QENA	00	9	02	3	0	0	—	18.4	20.4	44	07	0	00	6	24	2	0	0	—	20.3	15.4	57	06	0
	157	LUXOR	00	8	32	2	0	1	2	18	21	50	10	0	00	7	00	0	0	0	—	20	13	55	04	0
	158	ASWAN	00	9	32	2	0	0	—	18.4	21.0	30	03	0	00	9	00	0	0	0	—	19.1	17.5	38	03	0
Oases	148	SIWA	00	8	22	2	0	0	—	20.8	20.5	47	09	0	00	6	00	0	0	0	—	21.0	10.2	72	05	0
	149	BAHARIYA	01	8	32	1	1	3	8	21.1	19.0	54	10	0	00	7	00	0	1	0	—	22.0	11.5	70	07	0
		FARAFRA	00	8	04	1	0	0	—	21.8	19.5	37	05	0	00	7	22	1	0	0	—	22.2	11.1	60	03	0
	152	DAKHLA	00	9	04	1	0	0	—		19.4	30	01	0	00	8	28	1	0	0	—		15.2	65	08	0
	151	KHARGA	00	8	32	1	0	0	—	20.4	20.0	41	06	0	00	7	00	0	0	0	—	21.9	12.8	49	02	0
Red Sea	144	SUEZ	01	8	32	3	1	5	8	19.9	17.2	45	06	0	00	6	00	0	0	0	—	21.8	12.2	75	08	0
	145	TOR	00	7	28	5	0	0	—	19.1		63	07	0	00	7	28	2	0	0	—	19.9	14.0	70	09	0
	163	HURGHADA	00	9	30	2	0	2	8	19	19	64	12	0	00	8	27	3	0	0	—	20	16	68	10	0
	147	QUSEIR	00	8	02	4	0	0	—	17.5	21.0	47	09	0	00	8	30	3	0	0	—	20.2	18.0	59	10	0
	208	PORT SUDAN																								
Northern Sudan	165	WADI HALFA																								
	166	KAREIMA																								
	167	ATBARA																								
	203	KHARTUM	01	8	04	5	1	3	8,1	13	26	58	17	0												
	170	KASSALA																								
Central Sudan	171	WAD MEDANI	02	8			1	10	1		29	27	08	0												
	182	RENK																								
	172	ROSEIRES	00	8	29	1	0	0	—	19	33	23	09	0												
	174	EL OBEID	01	8	02	3	1	7		17	22															
	175	EL FASHER	02	8			1	8	2		24	17	-3	0												
	179	GENEINA	01	8	05	4	1	5	1																	
Southern Sudan	176	MALAKAL	01	8	02	3	1	7		8	31	08	-8	0												
	177	WAU	02	8	04	1	1	10		8	34															
	178	JUBA																								

At 0600 on SATURDAY 25th

Present Weather ww	Visibility V	Wind Direction DD	Force F	Past Weather W	Cloud Amount 0-10	Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb TT	Maximum Yesterday TxTx	Diff. from norm.	Minimum Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C	Rainfall mms. Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	Station	Area
02	9	14	4	1	5	4	19.6		11.3	19		8		72	06		157		SIDI BARANI	Mediterranean
01	7	20	5	0	3	4	20		11	19		10		72	06		130		MATRUH	
01	8	16	1	1	5	8			12.0	19		7		66	09		94		EL DABA	
00	9	12	3	0	0	—	22.2	+3.4	12.0	18	-2	11	-1	76	08	0	140	84	ALEXANDRIA	
00	7	14	2	0	0	—	22.2		10	17		10		95	10	0	118		FOUAD (Airport)	
09		14	2	0	1	8	23.0	+4.9	10.7	17		7		82	08	0	59	36	DAMIETTA	
00	7	18	2	0	1	6,4	23		14	18		12		67	08	0	17		PORT SAID	
00	8	16	1	0	1	8	23.0	+4.2	10.9	19	-1	11	+3	81	08	0	32	30	EL ARISH	
00	6	02	3	0	0	—	23.3	+4.6	9.8	19	-2	8	-1	80	07	0	26	32	DAMANHUR	Lower Egypt
00	8	08	1	0	0	—	23.3	+4.6	8.5	20	-1	7	-2	86	07	0	12	15	MANSURA	
00	8	12	2	1	0	—	22.8	+3.7	11.0	20	-1	5	-3	75	07	0	8	12	TANTA	
00	6	08	1	0	0	—	23.4	+4.2	9.7	20	0	7	0	83	07	0	3	9	ZAGAZIG	
09	6	30	2	4	h	8	23.2	+4.2	11.4	20		8		81	08	0	4		SHIBIN EL KOM	
00	6	00	0	0	0	—	23.5		9.8	19		7		88	08	0	5		ISMAILIA	
00	7	10	2	0	0	—	23		11	18		10		71	06	0	tr		FAROUK (Airport)	Cairo Area
00	7	10	3	0	0	—	22.6	+3.2	10.5	19		8		78	06	0	2		ALMAZA	
08	4	00	0	4	0	—	23.0	+3.6	10.0	19	-1	7	-2	84	07	0	6	8	EZBEKIYA	
[illegible]	4	00	0	4	0	—	23.0	+3.5	6.9	19	-1	4	-3	96	06	0	12	9	GIZA	
00	6	02	2	0	0	—	23.2	+3.6	11.7	17	-2	9	0	68	06	0	6	7	HELWAN	
09	6	00	0	0	0	—	23.1	+3.7	9.5	19	-3	7	0	74	06	0	tr	2	FAIYUM	Upper Egypt
00	9	20	1	0	0	—	22.7		7.9	20		4		83	05	0	tr		BENI SUEF	
05	6	32	2	0	0	—	23		7	20		4		71	02	0	4		MINYA	
00	7	20	1	0	0	—	22.4	+2.3	9.8	21	0	6	-1	71	05	0	0	3	ASYUT	
00	8	00	0	0	0	—	22.0	+2.5	8.1	22		4		85	06	0	0		NAG HAMMADI	
00	8	28	2	0	0	—	22.4	+3.6	9.9	20	-2	7	-1	73	05	0	tr		QENA	
00	8	00	0	0	0	—	22		12	22		4		67	06	0	tr		LUXOR	
00	9	02	2	0	0	—	21.0	+2.1	11.3	22	-2	8	-3	62	04	0	tr		ASWAN	
00	7	00	0	0	0	—	21.1	+0.5	7.5	21	0	3	-2	18	02	0	0	4	SIWA	Oases
00	8	32	1	0	0	—	22.7	+2.5	8.0	21	+1	4	-1	79	05	0	tr	4	BAHARIYA	
00	8	00	0	0	0	—	23.0		9.3	20		1		53	00	0	tr		FARAFRA	
00	8	00	0	0	0	—	23.0	+2.6	5.8	21	-1	2	-4	61	-1	0	tr		DAKHLA	
00	8	00	0	0	0	—	22.2	+3.4	11.3	21	-2	6	-1	78	07	0	0		KHARGA	
00	7	28	1	0	0	—	21.6	+2.9	9.4	20	-1	6	-4	75	05	0	12	8	SUEZ	Red Sea
00	9	02	2	0	0	—	21.6	+3.7	11.0	19	-3	7	-3	85	08	0	0	6	TOR	
00	9	32	2	0	0	—	22		14	19		9		55	05	0	tr		HURGHADA	
00	8	30	3	0	0	—	20.8	+3.3	16.6	21	-3	14	-1	46	05	0	0	4	QUSEIR	
02	8	32	6	1	8	2	16		23					69	17	0	33	78	PORT SUDAN	
																0	0		WADI HALFA	Northern Sudan
00	8	04	1	0	2	1	19		13			9		38	-1	0	3	1	KAREIMA	
00	7	04	3	0	0	—	17		16					56	7	0	7	2	ATBARA	
01	6	02	3	0	5	2	16		17			13		30	-1	0	10	4	KHARTUM	
01	8	00	0	1	3	3	13		22			11				0	2	8	KASSALA	
00	7	32	2	0	0	—	15		17					37	02	0	11	12	WAD MEDANI	Central Sudan
00	8	32	3	0	0	—	15		18					30	00	0	0	49	RENK	
00	8	28	3	0	0	—	12		18					56	09	0	2	36	ROSEIRES	
02	8	30	2	1	8	1	17		13			10		24	-07	0	0	16	EL OBEID	
01	8	00	0	0	5	1			8			4		40	-05	0	0	6	EL FASHER	
02	8	04	3	1	10	2			12					26	-07	0		4	GENEINA	
01	8	02	4	1	7	1			20			14		26	03	0	69	88	MALAKAL	Southern Sudan
02	8	00	0	1	10	2	14		18			11		34	02	0	261	143	WAU	
05	6	16	1	1	10	2	13		20			15		49	09	0	129	140	JUBA	

HUMIDITY
Mean of day

Station	24th	Diff. from normal
Almaza	56	-9
Ezbekiya	74	+5
Giza	74	0
Helwan	63	+6

GIZA
Grass minimum temp.
On 25th -0.7

Remarks

ALMAZA
Aeroplane ascent

On

Height feet	Temp.		Dry	Wet
Surface				
500				
1000				
1500				
2000				
4000				
6000				
8000				
10000				
12000				
14000				
16000				
18000				
20000				

FAROUK AIRPORT
Rawinsonde

On 25th at 3

Pressure mb	Height feet	Temp. °C	Humidity	Wind DD	Wind VV
1013		10	71	140	8
1000	600	11	65	140	8
950					
900	3460	6	65	30	16
850	4990	4	65	360	16
800	6620	6	35	290	13
700	10200	2	25	280	19
600	14290	-5	55	290	31
500	18820	-16	55	280	50
400					
300	30820	-39	—	280	86
250					
200					
150					
100					

UPPER AIR OBSERVATIONS on 24th
DD Direction of wind in degrees East of North. VV Velocity in knots.

Station	PORT SAID		MATRUH		MINYA				FOUAD A.P.				ALMAZA	
Time	14		13 30		14 30				15				14	
Height m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	280	11	190	10	350	10			30	10			340	3
500	290	13	190	7	20	10			40	12			340	3
1000	280	14	190	9	30	9			40	13			350	4
1500	290	16			340	3			60	15			330	4
2000	ENT. CL				310	9			40	22			310	7
3000					300	18			30	17			310	8
4000													290	13
5000														
6000														
7000														
8000														

Station														
Time														
Height m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200														
500														
1000														
1500														
2000														
3000														
4000														
5000														
6000														
7000														
8000														

UPPER AIR OBSERVATIONS on 25th
DD Direction of wind in degrees East of North. VV Velocity in knots.

Station	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SAID		FAROUK AIRPORT		ALMAZA		HELWAN		MINYA		ASYUT		LUXOR		ASWAN		[illegible]	
Time	5		5		3 30		3 45		3		2 30		2 15		5						5		4	
Height m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	180	24	190	20	230	8	140	2	80	10	90	4	90	8	20	16					10	8	160	28
500	190	23	200	16	240	8	60	3	60	13	90	6	90	18	20	18					60	14	170	30
1000	200	18	170	9	240	8	60	9	40	13	90	7	60	13	10	17					40	19	170	23
1500	210	12	210	4	260	10	10	8	360	14	30	4	10	3	360	43					360	3	200	22
2000	ENT. NS		230	9	260	12			260	12	300	3	350	9	360	40					350	8	190	18
3000									280	19	280	8	280	17									250	21
4000											290	16	300	30									200	22
5000									260	34														
6000									280	47														
7000																								
8000																								

Station	BAHARIYA		DAKHLA		KHARGA		HURGHADA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
Time	5		5		6		9 15				4				6 30								4	
Height m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	100	16	70	5	20	10	350	8																
500	100	18	50	10	40	14	350	0	350	06	50	11			30	27							10	25
1000	90	13	40	6	40	9	3 0		330	02	40	20			40	22							20	30
1500	90	9	360	4	350	7	0	2	270	02	40	16			70	7							30	9
2000	300	7	330	9	340	13		2			40	15			40	8							10	10
3000	280	21	10	8							320	6			350	5							50	1
4000	300	32																						
5000	300	36																						
6000																								
7000																								
8000																								

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick [illegible] haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)
Objects not visible at

50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms	9

[illegible] FORM (C)

Cirrus	
Cirrostratus	2
Cirrocumulus	3
A[illegible]	4
Altostratus	5
Strato-cumulus	6
Nimbostratus	
[illegible]	8
Cumulonimbus	9
Stratus	0

WIND FORCE (F)
m.p.h. Force

Calm	[illegible]	0
Almost calm	[illegible]	1
Very light	[illegible]	2
Light	[illegible]	3
Moderate	[illegible]	4
Fresh	[illegible]	5
Strong	[illegible] 44	6
Very strong	[illegible] 54	7
Gale	[illegible]	8
Strong gale	[illegible]	9
Whole gale	78-90	10
Storm	[illegible] 104	11
Hurricane	[illegible] 104	12

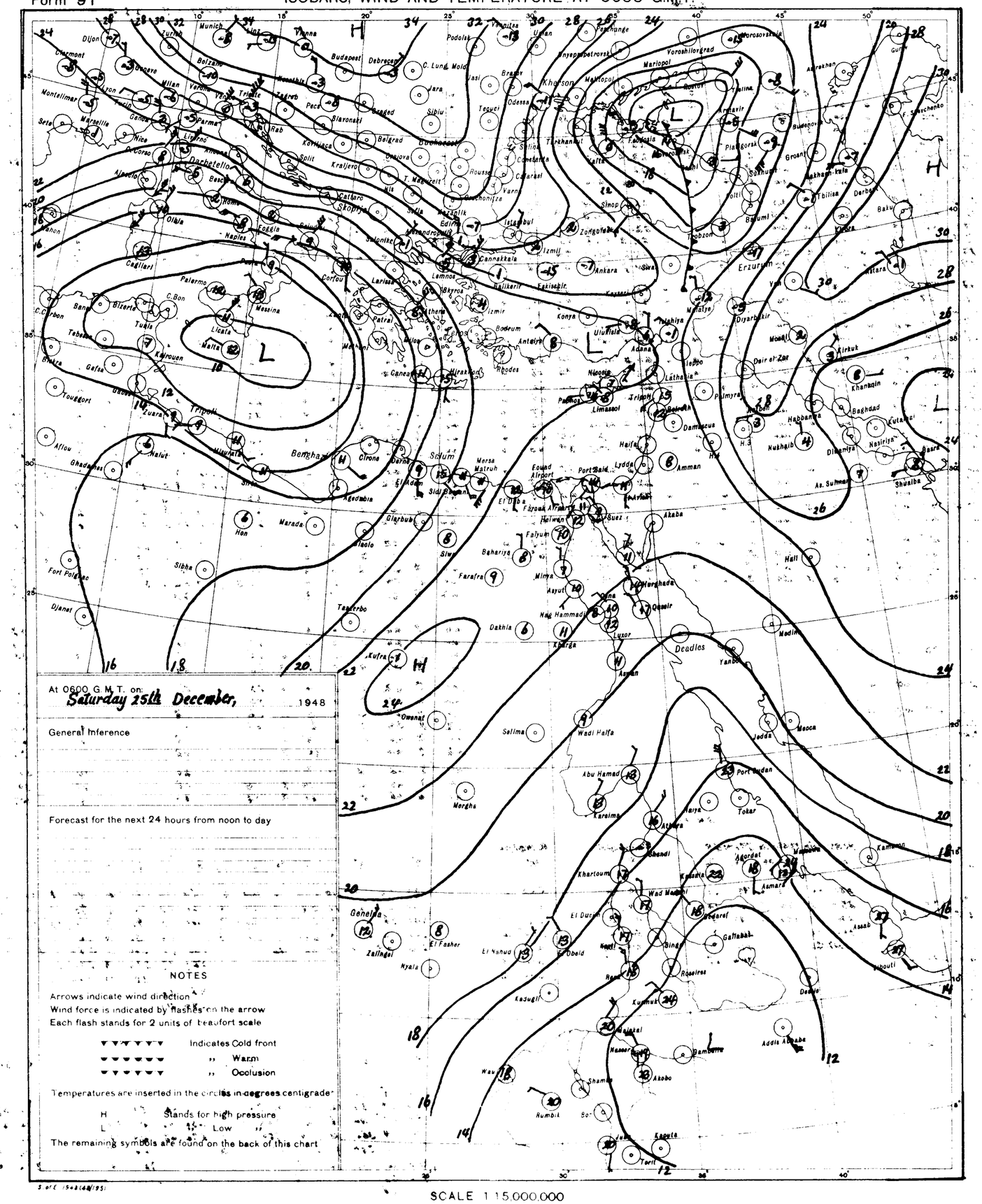
WIND DIRECTION (DD)
is on Scale 01-32 e.g.
08 = East 16 = South
24 = West, 32 = North,
00 is Calm

Note: All times G. M. T.

Printed by the [illegible] of Egypt 1948/148 (95)

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on: **Saturday 25th December,** 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction

Wind force is indicated by flashes on the arrow

Each flash stands for 2 units of Beaufort scale

Indicates Cold front

" Warm

" Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure

L " Low "

The remaining symbols are found on the back of this chart

S. of E. 1548(48)/951

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 49 G.M.T.
" " Sunset 15 02 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: SUNDAY 26th DECEMBER, 1948.

At 1200 on SATURDAY 25th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI	02	9	16	5	1	8	41	17.4	18.9	40	05	0
	160	MATRÛH	01	7	20	3	0	5	61	19	19	56	10	0
	134	EL DABA	01	8	16	1	1	5	8		18.3	39	05	0
	132	ALEXANDRIA	01	9	12	2	1	3	8	20.4	17.0	49	06	0
	150	FOUAD (Airport)	00	8	14	2	0	0	-	20.7	18	52	08	0
	159	DAMIETTA	00	8	12	2	0	0	-	20.7	17.6	61	10	0
	161	PORT SAʿID	00	8	08	3	0	0	-	21	18	52	08	0
	135	EL ʿARISH	00	9	08	2	0	1	8	21.0	17.9	50	07	0
LOWER EGYPT	136	DAMANHUR	00	7	16	3	0	0	-	21.1	19.0	52	09	0
	137	MANSURA	00	8	08	2	0	0	-	20.8	20.0	41	06	0
	138	TANTA	01	8	20	3	1	5	8	21.0	19.0	46	07	0
	139	ZAGAZIG	00	6	08	3	0	0	-	20.0	18.2	41	04	0
		SHIBÎN EL KÔM	01	8	28	3	1	3	8	20.7	20.4	33	03	0
		ISMAILÎA	00	8	08	1	0	0	-	20.6	19.0	40	05	0
CAIRO AREA	928	FAROUK (Airport)	00	8	08	4	0	0	-	19	20	29	02	0
	141	ALMÂZA	00	8	06	4	0	0	-	19.5	20.2	35	04	0
		EZBEKÎYA	00	8	06	2	0	0	-	19.9	20.8	33	04	0
		GÎZA	00	8	06	2	0	0	-	19.8	21.7	38	07	0
	143	HELWÂN	00	9	06	2	0	0	-	19.4	20.5	26	01	0
UPPER EGYPT	153	FAIYÛM	00	8	00	0	0	0	-	20.0	20.2	45	08	0
		BENI SUEF	00	9	10	1	0	0	-	20.0	21.2	41	07	0
	162	MINYA	00	8	20	2	0	0	-	20	21	47	09	0
	155	ASYÛT	00	8	22	1	0	0	-	19.4	19.3	52	09	0
	164	NAGʿ HAMMÂDI	00	8	24	1	0	0	-	17.5	21.5	45	09	0
	156	QENA	00	9	20	1	0	0	-	18.4	19.2	52	09	0
	157	LUXOR	00	8	00	0	0	0	-	18	21	53	10	0
	158	ASWÂN	00	9	30	1	0	0	-	17.4	22.7	36	07	0
OASES	148	SIWA	00	8	16	4	0	0	-	18.8	20.3			
	149	BAHARÎYA	00	8	16	1	0	0	-	20.3	20.5	45	08	0
		FARAFRA												
	152	DAKHLA	00	9	00	0	0	0	-	17.9	22.6	40	09	0
	151	KHARGA	00	8	00	0	0	0	-		19.8	39	06	0
RED SEA	144	SUEZ	00	8	32	1	0	0	-	17.5	20.0	34	04	0
	145	TÔR	00	8	28	1	0	0	-	19.2	20.8	52	11	0
	163	HURGHÂDA	00	9	00	0	0	0	-	19	19	56	10	0
	147	QUSEIR	00	8	02	3	0	0	-	18.8	20.6	57	12	0
	208	PORT SÛDÂN	01	6	02	5	1	7	8,4	13	27	66	20	0
NORTH SÛDÂN	165	WADI HALFA												
	166	KAREIMA	01	8	02	1	1	5	1	14	26	28	06	0
	167	ʿATBARA	00	7	04	2	0	1	2	12	27	27	06	0
	209	KHARTÛM	00	8	02	3	1	1	1	12	27	23	04	0
	170	KASSALA	01	8	01	1	1	5	2	8	32	36	15	0
CENTRAL SÛDÂN	171	WAD MEDANI	00	8	04	2	0	0	-		29	23	06	0
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID	01	8	02	2	1	5	1	12	26	16	-2	0
	175	EL FÂSHER	01	8	08	2	1	5	2		22	16	-5	0
	179	GENEINA	02	8	06	2	1	10	2		26			0
S. SÛDÂN	176	MALAKÂL	00	8	32	3	1	1	2	8	32	21	07	0
	177	WAU	02	8	06	2	1	10	2	8	31	11	-3	0
	178	JUBA	02	8	04	2	1	10	2	8	32	17	04	0

At 1800 on 25th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARÂNI	00	8	16	2	1	0	-	17.1	12.4	61	05	0
MATRÛH	00	7	19	4	1	0	-	18	14	59	06	0
EL DABA	00	7	08	1	0	0	-		17.2	60	09	0
ALEXANDRIA												
FOUAD (Airport)	00	7	10	2	0	K	6	20.8	13	82	10	0
DAMIETTA	00		06	2	0	0	-	20.8	13.7	80	11	0
PORT SAʿID	00	7	10	3	0	0	-	21	16	68	10	0
EL ʿARISH	00	8	24	2	0	0	-		11.1	87	09	0
DAMANHUR	00	4	16	3	0	0	-	21.2	13.2	77	09	0
MANSURA	00	5	12	1	0	0	-	21.1	12.8	77	09	0
TANTA	00	8	20	1	1	0	-	21.6	12.	85		0
ZAGAZIG	00	6	32	2	0	0	-	20.6	13.0	66	07	0
SHIBÎN EL KÔM	00	7	30	2	0	0	-	21.8	14.8	66	09	0
ISMAILÎA	00		04	1	0	0	-	20.6	13.0	66	07	0
FAROUK (Airport)	00	7	08	2	0	0	-	20	14	48	03	0
ALMÂZA	00	7	10	3	0	0	-	20	14	48	03	0
EZBEKÎYA	00	7	00	0	0	0	-	20.3	12.7	58	05	0
GÎZA	00	7	00	0	0	0	-	20.6	12.8	64	06	0
HELWÂN	00	7	06	1	0	0	-	20.3	14.9	34	-01	0
FAIYÛM	09	5	00	0	4	0	-	20.0	12.1	79	08	0
BENI SUEF	00	9	14	1	0	0	-	20.2	11.7	69	06	0
MINYA	00	7	00	0	0	0	-	20	12	72	07	0
ASYÛT	00	6	20	1	0	0	-	21.2	12.9	67	07	0
NAGʿ HAMMÂDI	00	8	00	0	0	0	-		13.4	73	08	0
QENA	00	6	24	2	0	0	-	19.5	14.0	67	08	0
LUXOR	00	7	00	0	0	0	-	19	14	55	05	0
ASWÂN	00	9	00	0	0	0	-	18.6	18.6	37	04	0
SIWA	00	6	00	0	0	0	-	18.8	13.2	54	04	0
BAHARÎYA	00	7	00	0	0	0	-	21.5	11.0	63	04	0
FARAFRA	00	7			0	0	-	21.0	12.7	45	01	0
DAKHLA	00	8	00	0	0	0	-		15.6	54	06	0
KHARGA	00	7	00	0	0	0	-	20.4	15.4	48	04	0
SUEZ	00	6	00	0	0	0	-	19.1	12.9	60	05	0
TÔR	00	7	28	1	0	0	-	19.5	16.4	69	10	0
HURGHÂDA	00	8	00	0	0	0	-	20	13	77	09	0
QUSEIR	00	8	30	3	0	0	-	19.2	17.3	71	12	0

At 0600 on SUNDAY 26th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Max. Yesterday TxTx	Diff. from norm.	Min. Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	Area
SIDI BARÂNI	00	9	20	3	0	2	9	18.2		11.9	20		8		79	08	0	157		MEDITERRANEAN
MATRÛH	00	7	25	4	0	0	-	18		11	19		9		71	06	0	120		
EL DABAʿ	00	8	20	1	0	0	-			10.0	20		5		62	03	0	94		
ALEXANDRIA	00	9	16	2	0	0	-	17.2	-1.6	11.2	18	-2	11	0	75	07	0	140	86	
FOUAD (Airport)	00	7	18	2	0	0	-	18.5		10	18		8		88	08	0	118		
DAMIETTA	00		16	2	0	0	-	18.7	+0.6	10.3	19		6		93	09	0	59	36	
PORT SAʿID																		17		
EL ʿARISH	00	8	20	3	0	0	-	18.8	0.0	12.1	20	+1	8	0	65	15	0	32	31	
DAMANHÛR	00	5	20	4	0	0	-	19.4	+0.7	9.3	21	0	9	0	83	06	0	26	33	LOWER EGYPT
MANSÛRA	00	8	12	1	0	0	-	19.0	+0.3	7.5	21	0	6	-2	86	06	0	12	15	
TANTA	00	8	16	1	0	0	-	20.0	+0.9	8.4	20	-1	5	-2	88	06	0	8	12	
ZAGAZIG	00	6	18	1	0	0	-	19.0	-0.2	8.2	20	0	7	0	78	04	0	3	9	
SHIBÎN EL KÔM	00	7	22	2	0	0	-	19.8	+0.6	8.9	21		7		77	05	0	4		
ISMAÎLÎA	00	6	16	1	0	0	-	19.1		12.0	20		6		63	05	0	5		
FAROUK (Airport)	00	7	18	3	0	0	-	20		12	20		9		63	05	0	tr		CAIRO AREA
ALMÂZA	00	7	14	4	0	0	-	20		13	20		8		55	04	0	2		
EZBEKÎYA	00	7	18	1	0	0	-	20.6	+1.2	10.5	22	+2	8	0	67	04	0	6	8	
GÎZA	00	7	18	1	0	0	-	20.3	+0.8	10.4	22	+2	6	-1	69	04	0	12	9	
HELWÂN	00	7	08	2	0	0	-	20.6	+1.0	10.7	21	+2	7	-2	57	03	0	6	7	
FAIYÛM	00	6	02	2	0	0	-	21.1	+1.7	8.0	21	-1	5	-2	72	03	0	6	2	UPPER EGYPT
BENI SUEF	00	9	20	1	0	0	-	20.7		8.1	22		3		74	04	0	6		
MINYA	05	5	18	2	0	0	-	21		7	21		5		81	04	0	4		
ASYÛT	00	7	20	1	0	0	-	21.5	+1.4	11.8	21	0	6	-1	67	06	0	0	3	
NAGʿ HAMMÂDI																		0		
QENA	00	7	24	2	0	0	-	21.4	+2.6	10.4	20	-3	8	0	78	06	0	tr		
LUXOR	00	8	00	0	0	0	-	20		10	22		4		62	03	0	tr		
ASWÂN	00	9	00	0	0	0	-	19.8	+0.9	13.9	23	-1	9	-2	56	05	0	tr		
SIWA	00	7	00	0	0	0	-	19.5	-1.1	5.0	21	0	2	-3	45	-6	0	0	4	OASES
BAHARIYA	00	8	00	0	0	0	-	21.4	+1.2	8.0	21	+1	3	-2	42	-4	0	tr	4	
FARAFRA	00	8	00	0	0	0	-	21.6		6.2	21		-2		58	-2	0	tr		
DAKHLA	00	8	00	0	0	0	-	21.8	+1.3	7.0	24	+2	2	-4	63	00	0	tr		
KHARGA	00	8	00	0	0	0	-	20.5	+1.3	8.9	22	-1	5	-2	62	02	0	0		
SUEZ	00	7	04	2	0	0	-	18.8	+0.1	10.0	23	+2	6	-4	62	03	0	12	8	RED SEA
TOR	00	9	02	3	0	0	-	19.5	+1.6	12.7	21	-1	7	-2	48	02	0	0	6	
HURGHADA	00	9	22	1	0	0	-	19		12	20		8		55	03	0	tr		
QUSEIR	00	8	28	3	0	0	-	18.6	+1.1	15.7	21	-3	14	-1	62	09	0	0	4	
PORT SUDAN																	0	33	79	
WÂDI HALFA																	0	0		NORTH SÛDÂN
KAREIMA	00	7	00	0	0	[illegible]	-	18		13					51	03	0	3	1	
ʿATBARA																	0	7	2	
KHARTÛM	00	7	30	2	0	K										04	0	10	4	
KASSALA	00	7						16		17					49	06	0	2	8	
WAD MEDANI																	0	11	12	CENTRAL SÛDÂN
RENK																	0	0	49	
ROSEIRES																	0	2	36	
EL OBEID	01	8	32	2	0	3											0	0	16	
EL FASHER																	0	0	6	
GENEINA																	0		4	
MALAKAL																	0	69	88	S. SÛDÂN
WAU	02	7	00	0	0	10	2	14		16					72	01	0	261	143	
JUBA	01	8	06	1	1	3		19									0	129	141	

HUMIDITY

Mean of day

Station	on 25th	Diff. from normal
Alexandria	65	0
Ezbekiya	64	-5
Giza	73	-1
Helwan	46	-11

GIZA
[illegible] MINIMUM TEMP.
on 26th 0.7

Remarks

UPPER AIR OBSERVATIONS on 25th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT

Height feet	Pressure	Dry	Wet °C
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT — RAWINSONDE — ON 26th at 4h

Pressure mbs	Height feet	Temp °C	Humidity %	Wind DD	Wind VV
Surface		10	69	190	12
1000	500	11	65	190	12
950					
900	3390	10	45	260	23
850	4940	10	25	260	31
800	6580	7	35	270	33
700	10150	2	45	270	48
600	14150	-7	45	250	62
500	18740	-15	-		
400					
300					
250					
200					
150					
100					

Station	MATRUH		PORT SAID		MINYA	
Time	14		14		15	
Height m	DD	VV	DD	VV	DD	VV
200	190	25	100	12	250	3
500	200	23	120	12	280	7
1000	220	14	100	12	280	5
1500	220	21	120	9	280	8
2000			110	7	280	12
3000						
4000						
5000						
6000						
7000						
8000						

UPPER AIR OBSERVATIONS on 26th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Station	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SAID		FAROUK AIRPORT		ALMAZA		HELWAN		MINYA		ASYUT		LUXOR		ASWAN		SIWA	
Time			4	45			4	30	3				6	45							5		5	
Height m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	290	17	300	31			260	7	210	14			150	6							360	3	340	19
500	300	19	290	25			280	12	250	17			230	6							300	5	330	20
1000	310	21	290	29			280	12	260	20			270	13							60	10	320	19
1500	300	19	300	17			270	19	260	28			300	12									290	19
2000							260	27					270	19									270	29
3000									270	42													270	37
4000																								
5000									250	48														
6000									270	89														
7000																								
8000																								

Station	BAHARIYA		DAKHLA		KHARGA		HURGHADA		WADI HALFA	ABU HAMAD	KAREIMA	KHARTUM	KASSALA	EL OBEID	EL FASHER	MALAKAL
Time	5		5		7		9	15								
Height m	DD	VV	DD	VV	DD	VV	DD	VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV
200	240	14	330	2	20	7	330	10								
500	250	22	320	00	10	8	310	15								
1000	300	24	330	10	350	11	310	17								
1500	300	28	330	21	320	14	300	19								
2000	300	23	290	13	290	9	270	19								
3000	300	37			300	10										
4000																
5000																
6000																
7000																
8000																

Note: All times G.M.T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-19	3
Moderate	20-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

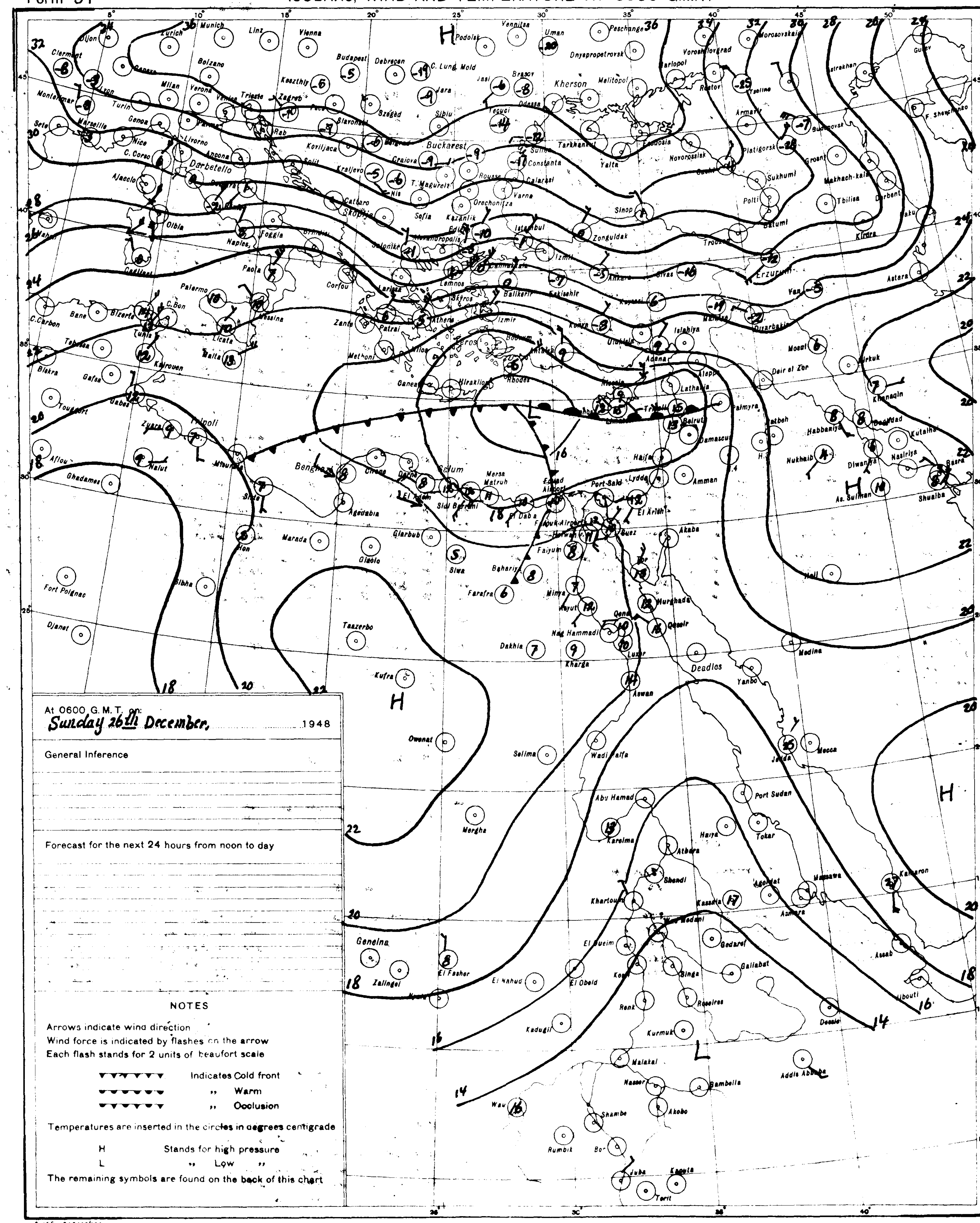
WIND DIRECTION (DD)

In or Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Printed by the ... of Egypt 1948 (48/1951)

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G. M. T. on:
Sunday 26th December, 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼	Indicates Cold front
▼▼▼▼▼▼	,, Warm
▼▼▼▼▼▼	,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H	Stands for high pressure
L	,, Low ,,

The remaining symbols are found on the back of this chart

S of E (948(48)/951)

SCALE 1:15,000,000

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: MONDAY 27th DECEMBER, 1948.

CAIRO
Time of Sunrise 04 49 G.M.T.
" " Sunset 15 03 G.M.T.

At 1200 on SUNDAY 26th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARANI	01	9	26	3	0	5	8	18.2	18.7	73	14	0
	160	MATRŪH	01	8	30	4	0	5	6	18	19	73	14	0
	134	EL DABA	00	8	28	1	0	0	-		19.0	70	13	0
	132	ALEXANDRIA	01	9	28	2	1	5	8	18.3	19.0	72	14	0
	150	FOUAD (Airport)	00	8	26	3	0	0	-	16.9	20	69	14	0
	159	DAMIETTA	00	8	18	3	0	0	-	16.6	19.8	50	09	0
	161	PORT SA'ID	00	7	20	2	0	0	-	17	20	46	08	0
	135	EL 'ARISH	00	8	28	5	0	0	-	16.3	18.2	49	07	0
Lower Egypt	136	DAMANHUR	00	7	24	3	0	0	-	17.9	20.2	55	11	0
	137	MANSŪRA	00	8	16	2	0	0	-	17.0	20.8	43	08	0
	138	TANTA	00	8	20	3	0	0	-	18.3	20.0	40	06	0
	139	ZAGAZIG	00	6	32	2	0	0	-	17.1	19.8	47	08	0
		SHIBĪN EL KÔM	01	8	22	3	1	3	8	17.4	23.4	34	06	0
		ISMAĪLĪA	00	7	20	2	0	0	-	17.5	21.5	20	-2	0
Cairo Area	928	FAROUK (Airport)	00	8	22	4	0	0	-	17	21	28	02	0
	141	ALMĀZA	00	7	18	4	0	0	-	17.4	19.5	36	05	0
		EZBEKĪYA	00	8	18	2	0	0	-	17.8	21.4	33	04	0
		GĪZA	00	8	18	2	0	0	-	17.8	22.0	43	07	0
	143	HELWĀN	00	8	16	3	0	0	-	18.0	19.3	36	04	0
Upper Egypt	153	FAIYŪM	00	8	22	2	0	0	-	18.8	21.6	38	07	0
		BENI SUEF	00	9	22	1	0	0	-	18.4	21.8	40	08	0
	162	MINYA	00	8	00	0	0	0	-	18	22	50	11	0
	155	ASYŪT	00	8	22	1	0	0	-	18.8	19.8	33	03	0
	164	NAG' HAMMÂDI	00	8	00	0	0	0	-	17.4	22.1	41	08	0
	156	QENA	00	9	28	2	0	0	-	17.4	21.2	40	07	0
	157	LUXOR	00	8	32	1	0	0	-	17	24	44	11	0
	158	ASWĀN	00	9	30	2	0	0	-	16.6	23.8	24	02	0
Oases	148	SIWA	00	8	00	0	0	0	-	20.4	21.5	62	14	0
	149	BAHARĪYA	00	8	24	1	0	0	-	18.7	23.0	28	04	0
		FARAFRA												
	152	DAKHLA	00	9	28	2	0	0	-	18.4	22.6	31	05	0
	151	KHARGA												
Red Sea	144	SUEZ	00	8	16	2	0	0	-	16.3	21.8	39	07	0
	145	TÔR	00	7	28	4	0	0	-	16.4	21.2	57	12	0
	163	HURGHÂDA	00	9	30	1	0	0	-	17	21	57	12	0
	147	QUSEIR	00	8	04	2	0	0	-	16.7	22.0	50	11	0
	208	PORT SŪDĀN	01	8	04	4	1	5	8,4	13	26	84	23	0
North Sūdān	165	WADI HALFA												
	166	KAREIMA	00	8	06	2	0	0	-	13	28	33	10	0
	167	'ATBARA	01	8	20	3	1	5	2	11	28	37	12	0
	209	KHARTŪM	01	8	02	3	0	3	1	10	29	23	06	0
	170	KASSALA	02	8	02	1	1	9	2	7	32	41	17	0
Central Sūdān	171	WAD MEDANI	02	8	28	2	1	10	1	9	31	24	08	0
	182	RENK												
	172	ROSEIRES	00	8	28	2	0	0	-	10	33	26	11	0
	174	EL OBEID	01	8	02	3	0	5	2	10	28	13	-3	0
	175	EL FASHER	01	8	02	2	1	5	1		25	24	03	0
	179	GENEINA	01	8	06	2	1	3	1		28	08	-9	0
S. Sūdān	176	MALAKĀL	00	8	32	3	1	2	1	7	33	13	01	0
	177	WAU	01	8	04	2	1	5	1	7	33	14	02	0
	178	JUBA	01	8	02	2	1	7	2	6	33	21	08	0

At 1800 on 26th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARANI	01	8	04	3	1	5	6	20.6	15.7	80	13	0
MATRŪH	01	7	04	4	5	5	6	20	16	77	12	tr
EL DABA	00	7	28	1	0	0	-		18.0	72	13	0
ALEXANDRIA	01	5	32	2	2	5	6	19.4	17.0	74	12	0
FOUAD (Airport)	25	7	30	1	8	5	8	19.2	17	77	13	1
DAMIETTA	00		18	2	0	0	-	18.3	13.6	81	11	0
PORT SA'ID	00	7	22	2	0	0	-	19	16	68	10	0
EL 'ARISH	00	8	20	4	0	0	-		14.7	83	12	0
DAMANHUR	00	5	24	2	0	0	-	18.3	14.8	81	12	0
MANSŪRA	00	5	24	1	0	0	-	18.8	13.2	85	10	0
TANTA	02	8	00	0	1	8	8	19.2	13.5	90	12	0
ZAGAZIG	00	6	00	0	0	0	-	19.5	12.4	78	08	0
SHIBĪN EL KÔM	00	7	28	2	0	0	-	18.8	13.4	73	08	0
ISMAĪLĪA	00	6	26	1	0	0	-	17.6	13.1	64	06	0
FAROUK (Airport)	00	8	20	3	0	0	-	19	15	56	06	0
ALMĀZA	00	7	20	2	0	0	-	19	14	52	04	0
EZBEKĪYA	00	7	00	0	0	0	-	19.8	13.0	65	06	0
GĪZA	00	7	00	0	0	0	-	19.9	11.4	71	06	0
HELWĀN	00	7	00	0	0	0	-	19.8	15.0	50	04	0
FAIYŪM	00	8	00	0	0	0	-	19.2	13.3	72	08	0
BENI SUEF	00	9	12	1	0	0	-	19.4	10.9	79	07	0
MINYA	00	7	18	2	0	0	-	20	13	72	08	0
ASYŪT	00	6	20	1	0	0	-	20.2	13.6	60	06	0
NAG' HAMMÂDI	00	8	00	0	0	0	-	19.8	13.2	71	08	0
QENA	00	6	24	2	0	0	-	18.6	16.2	55	07	0
LUXOR	00	7	16	1	0	0	-	19	14	52	04	0
ASWĀN	00	9	00	0	0	0	-	18.0	19.0	34	03	0
SIWA	00	6	00	0	0	0	-	20.7	12.5	65	06	0
BAHARĪYA	00	7	28	1	0	0	-	20.6	12.0	54	03	0
FARAFRA	00	7	00	0	0	0	-	20.7	13.1	46	02	0
DAKHLA	00	8	00	0	0	0	-	19.8	15.4	45	03	0
KHARGA	00	7	00	0	0	0	-	20.3	13.8	41	01	0
SUEZ	00	6	32	1	0	0	-	17.9	13.3	85	10	0
TÔR	00	7	28	1	0	0	-	17.6	16.0	41	03	0
HURGHÂDA	00	8	26	1	0	0	-	18	17	32	00	0
QUSEIR	00	8	30	3	0	0	-	18.3	13.3	60	05	0

At 0600 on MONDAY 27th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Max. Yesterday TxTx	Diff. from norm.	Min. Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	Area
SĪDI BARÂNI	50	8	14	2	1	10	7	21.9		12.5	19		9		93	12		157		Mediterranean
MATRŪH	01	7	09	2	1	7	6	22		13	19		8		82	10	tr	120		
EL DABA'	01	7	08	1	2	7	8	21.9		15.4	20		9		71	10	0	94		
ALEXANDRIA	01	9	30	3	2	7	8	22.0	+3.2	15.0	20	+1	11	0	64	08	tr	140	88	
FOUAD (Airport)	02	9	30	3	1	8	8,4	21.9		15	20		10		68	09	1	119		
DAMIETTA	02		26	4	5	8	8	20.4	+2.3	15.8	20		8		68	10	tr	59	37	
PORT SA'ID	03	7	23	3	1	10	8	21		15	21		14		82	12	0	17		
EL 'ARISH	21	8	20	2	5	10	9	20.2	+1.4	13.2	20	+1	9	+1	95	12	tr	32	31	
DAMANHŪR	01	6	24	2	5	5	8	21.6	+2.9	11.2	22	+1	9	0	94	10	tr	26	33	Lower Egypt
MANSŪRA	00	8	24	1	0	0	-	21.5	+2.8	13.6	22	+1	12	+4	85	10	0	12	15	
TANTA	00	8	00	0	6	0	-	21.6	+2.5	11.7	21	0	7	0	98	11	1	9	13	
ZAGAZIG	02	5	16	1	5	9	7	21.6	+2.4	12.6	22	+2	8	+1	100	13	tr	3	9	
SHIBĪN EL KÔM	09	6	28	2	4	0	-	21.8	+2.6	12.8	25		12		78	09	0	4		
ISMAĪLĪA	03	5	24	1	2	10	5	21.4		13.9	22		12		86	12	0	5		
FAROUK (Airport)	05	6	00	0	1	8	6	22		14	21		12		73	10	0	tr		Cairo Area
ALMĀZA	05	6	12	1	0	9	6	22		13	21		12		82	11	0	2		
EZBEKĪYA	02	7	00	0	2	9	6	22.6	+3.2	12.6	22	+2	10	+2	80	10	0	1	8	
GĪZA	02	7	00	0	2	9	6	22.6	+3.1	10.9	22	+2	8	+2	89	09	0	12	9	
HELWĀN	01	6	00	0	1	7	4	22.4	+2.8	12.2	20	+1	10	+1	86	10	0	6	8	
FAIYŪM	09	6	00	0	1	3	8	23.1	+3.7	11.0	23	+2	7	0	67	05	0	k	2	Upper Egypt
BENI SUEF	03	9	24	1	1	10	6	22.8		10.8	22		5		69	06	0	k		
MINYA	05	6	00	0	0	0	-	22		7	23		5		87	05	0	4		
ASYŪT	00	7	22	1	0	0	-	22.0	+1.9	11.3	22	+1	6	-1	72	06	0	0	3	
NAG' HAMMÂDI	00	8	00	0	0	0	-	22.0	+2.4	11.2	24		4		65	04	0	0		
QENA	00	7	22	2	0	0	-	22.0	+3.2	10.8	22	-1	9	+1	73	06	0	tr		
LUXOR	00	8	00	0	0	0	-	21		11			4		63	04	0	tr		
ASWĀN	00	9	00	0	0	0	-	20.4	+1.4	13.2	25	+1	10	-1	51	03	0	tr		
SIWA	00	7	00	0	0	0	-	23.4	+2.7	8.0	22	+1	4	0	59	00	0	0	4	Oases
BAHARIYA	01	8	00	0	1	3	8	22.6	+2.4	10.0	24	+4	5	0	62	03	0	tr	4	
FARAFRA	00	8	00	0	0	0	-	23.4		7.0	23		1		45	-4	0	tr		
DAKHLA	00	8	00	0	0	0	-	22.7	+2.3	6.7	24	+2	4	-2	52	-2	0	tr		
KHARGA	00	8	00	0	0	0	-	22.2	+3.0	11.1	23	0	5	-2	49	00	0	0		
SUEZ	03	6	24	1	2	10	9	20.4	+1.6	14.2	24	+3	9	-1	83	11	0	12	8	Red Sea
TOR	00	9	04	1	0	0	-	19.6	+1.7	15.1	22	0	10	+1	50	05	0	0	6	
HURGHADA	00	9	24	2	0	0	-	20		14	22		10		67	08	0	tr		
QUSEIR	00	8	28	2	0	0	-	18.8	+1.2	17.7	22	-2	14	-1	38	03	0	0	4	
PORT SUDAN	01	9	30	4	2	7	6	—					20			13	0	33	80	
WĀDI HALFA																	0	0		North Sūdān
KAREIMA	00	8	00	0	0	0	-	17		14			11		39	00	0	3	1	
'ATBARA	00	8	04	2	0	0	-						15				0	7	2	
KHARTŪM	00	8	32	2	0	0	-	14		23			18		44	10	0	10	4	
KASSALA	00	8	00	0	0	0	-	14		20			15		35	04	0	2	8	
WAD MEDANI	00	9	32	3	0	0	-	15									0	11	12	Central Sūdān
RENK	00	8	04	2	0	0	-	14		18					46	06	0	0	49	
ROSEIRES	00	8	30	3	0	0	-	12		18					64	11	0	2	36	
EL OBEID	00	8	30	2	0	0	-	16		16			11		34	00	0	0	16	
EL FASHER	00	8	03	2	0	2	2										0	0	6	
GENEINA	00	8	04	2	0	h	1										0		4	
MALAKAL	05	7			0	0	-	13		23			16		26	02	0	69	88	S. Sūdān
WAU	02	8	00	0	1	10	2	14		17			11		60	09	0	261	143	
JUBA																	0	129	141	

HUMIDITY

Mean of day

Station	on 26th	Diff. from normal
Alexandria	70	+5
Ezbekiya	59	-10
Giza	63	-11
Helwan	49	-8

GIZA
GRASS MINIMUM TEMP.
ON 27th 3.2

Remarks

UPPER AIR OBSERVATIONS on 26th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — AEROPLANE ASCENT

ON ... AT ...

Height feet	Pressure	Dry °C	Wet °C
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT — RAWINSONDE

ON 27th AT 3

Pressure mbs.	Height feet	Temp °C	Humidity %	Wind DD	Wind VV
Surface 1012		12	68	230	7
1000	560	11	75	230	7
950					
900	3430	8	85	320	18
850	4970	4	75	310	22
800	6580	4	55	290	28
700					
600					
500					
400					
300					
250					
200					
150					
100					

Station	ALMAZA		MATRUH		FOUAD A.P		PORT SAID
Time	13 15		14		15		14 15
Height m.	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV
200	190 8		320 10		290 15		250 15
500	210 8		300 18		300 13		240 15
1000	250 10		290 23		290 14		250 15
1500	280 10		ENT. Sc.		300 12		250 21
2000	280 7				300 12		320 49
3000	320 8				290 16		
4000							
5000							
6000							
7000							
8000							

Station		MINYA					
Time		14 30					
Height m.	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV
200		20 10					
500		10 10					
1000		20 9					
1500		10 10					
2000		10 14					
3000							
4000							
5000							
6000							
7000							
8000							

UPPER AIR OBSERVATIONS on 27th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Station	SĪDI BARĀNI	MATRŪH	FOUAD AIRPORT	PORT SAĪD	FAROUK AIRPORT	ALMĀZA	HELWĀN	MINYA	ASYŪT	LUXOR	ASWĀN	SIWA
Time	5	5	3	4 45	3		7 30	3			5	5
Height m.	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV
200	100 13	40 9	350 20	310 18	300 10		150 1	10 12			10 10	90 18
500	100 12	40 9	340 18	320 21	330 14		360 8	10 9			20 17	90 15
1000	90 7	40 9	330 16	Ent Cu	320 15		340 9	20 8			30 27	60 5
1500	270 11	Ent Sc	330 21		310 18		310 12	360 16			30 27	10 6
2000					290 29						20 8	280 13
3000					280 42						340 10	280 27
4000											280 20	
5000					290 55							
6000					290 61							
7000												
8000												

Station	BAHARĪYA	DAKHLA	KHARGA	HURGHADA	WĀDI HALFA	ABU HAMĀD	KAREIMA	KHARTŪM	KASSALA	EL OBEID	EL FASHER	MALAKAL
Time	5	5	6	9 15								
Height m.	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV	DD VV
200	30 16	10 3	20 15	320 24								
500	20 17	40 8	30 18	320 23								
1000	50 13	20 6	30 13	320 16								
1500	340 11	330 4	250 7	310 24								
2000	290 17	360 7	350 17	320 30								
3000	280 41		290 13									
4000			280 25									
5000			270 39									
6000												
7000												
8000												

Note: All times G.M.T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at

50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto stratus	5
Strato cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g.
08 = East, 16 = South
24 = West, 32 = North,
00 is Calm

Printed by the S[illegible] Egypt 1948 (48/195)

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.

At 0600 G.M.T. on: Monday 27th December, 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of Beaufort scale

Indicates Cold front
,, Warm
,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

S.O.E. 1948(48/195)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 50 G.M.T.
" " Sunset 15 03 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: TUESDAY 28th DECEMBER, 1948.

At 1200 on MONDAY 27th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
MEDITERRANEAN	146	SIDI BARANI	50	8	06	2	2	10	7	22.0	13.9	92	13	0
	160	MATRUH	03	7	08	2	1	10	6	22	16	68	10	0
	134	EL DABA	01	7	04	1	1	5	8	21.8	17.0	61	09	0
	132	ALEXANDRIA	02	9	30	3	2	8	5	21.5	15.6	59	08	0
	150	FOUAD (Airport)	02	7	30	3	2	10	8	21.8	17	60	09	0
	159	DAMIETTA	02	8	26	4	2	8	6	20.3	16.7	63	10	0
	161	PORT SAID	01	8	31	4	0	5	8	20	18	52	08	0
	135	EL ARISH	02	8	24	3	2	9	9	17.9?	17.2	73	12	0
LOWER EGYPT	136	DAMANHUR	02	7	04	3	2	9	8	22.3	17.0	61	09	0
	137	MANSURA	01	8	04	2	1	5	6	21.1	17.8	59	10	0
	138	TANTA	01	8	24	3	1	5	8	21.5	17.6	59	10	0
	139	ZAGAZIG	01	6	24	1	1	5	8	21.4	17.6	60	10	0
		SHIBIN EL KOM	01	8	30	3	1	5	8	20.3?	21.4	36	05	0
		ISMAILIA	01	6	28	3	1	5	6	20.7	19.4	43	06	0
CAIRO AREA	928	FAROUK (Airport)	01	7	26	4	1	3	8	21	18	48	06	0
	141	ALMAZA	01	7	32	4	1	7	8	20.7	18.0	49	08	0
		EZBEKIYA	01	8	28	2	1	5	8	21.2	18.5	54	08	0
		GIZA	01	8	28	2	1	5	8	21.4	18.6	50	08	0
	143	HELWAN	00	8	29	2	1	6	8	21.2	17.4	47	05	0
UPPER EGYPT	153	FAIYUM	01	8	02	2	1	5	8	21.2	18.8	46	07	0
		BENI SUEF	01	9	02	1	0	5	8	20.4	19.9	58	11	0
	162	MINYA	00	8	01	4	0	0	-	21	21	57	12	0
	155	ASYUT	00	8	28	1	0	0	-	19.6	20.6	36	05	0
	164	NAG HAMMADI	00	8	32	1	0	0	-	18.5	23.4	36	07	0
	156	QENA	00	9	30	2	0	0	-	18.3	22.2	33	05	0
	157	LUXOR	00	8	02	1	0	0	-	18	24	41	10	0
	158	ASWAN	00	9	30	1	0	0	-	17.0	24.0	20	00	0
OASES	148	SIWA	00	8	28	3	0	0	-	21.8	21.3	55	12	0
	149	BAHARIYA	00	8	32	1	1	0	-	21.0	20.5	60	13	0
		FARAFRA												
	152	DAKHLA	00	9	32	1	0	0	-		20.6?	31	03	0
	151	KHARGA	00	8	02	1	0	0	-	20.6	23.5	24	02	0
RED SEA	144	SUEZ	01	7	32	3	1	5	8	19.7	18.4	56	09	0
	145	TOR	00	8	28	4	0	0	-	18.2	20.1	73	15	0
	163	HURGHADA	00	9	30	4	0	0	-	15	20	69	14	0
	147	QUSEIR	00	8	02	2	0	0	-	17.8	22.7	46	11	0
	298	PORT SUDAN	01	8	04	5	1	5	9,4	13	27	66	20	0
SUDAN	165	WADI HALFA												
	166	KAREIMA	00	8	04	3	0	0	-	13	23	38	08	0
	167	ATBARA	00	8	30	3	0	0	-	11	29	23	06	0
	209	KHARTUM	00	8	04	2	0	0	-	9	31	22	07	0
	170	KASSALA	00	8	28	1	0	0	-	8	33	32	14	0
	171	WAD MEDANI	00	8	04	2	0	0	-	8	32	17	04	0
	[illegible]	RENK	00	9	04	3	0	0	-	8	32	21	07	0
	[illegible]	ROSEIRES	00	8	30	2	0	0	-		33	26	11	0
	[illegible]	EL OBEID	00	8	33	3	0	0	-	9	28	15	-1	0
	[illegible]	EL FASHER												
	[illegible]	GENEINA	01	8	04	2	0	3	1		28			0
	[illegible]	MALAKAL												
	[illegible]	WAU												
	[illegible]	JUBA												

At 1800 on 27th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARANI	03	8	04	4	5	10	7	23.6	14.0	81	11	dr
MATRUH	51	7	06	3	2	10	7	24	13	82	10	0
EL DABA	01	8	04	1	1	5	8		16.2	56	07	0
ALEXANDRIA	01	5	32	2	2	7	4	22.7	14.6	63	08	0
FOUAD (Airport)	02	7	30	1	2	10	10	22.8	15	63	08	0
DAMIETTA	02		28	3	2	9	9	22.2	14.8	73	10	0
PORT SAID	00	7	29	4	0	1	6	22	15	72	10	0
EL ARISH	01	9	28	2	1	5	9		16.1	76	12	dr
DAMANHUR	01	6	04	2	1	3	8	23.4	13.2	85	10	0
MANSURA	00	5	28	2	1	0	-	23.4	12.2	81	09	0
TANTA	00	8	24	1	1	0	-	24.2	12.3	82	09	0
ZAGAZIG	00	6	00	0	0	0	-	24.3	13.1	86	11	0
SHIBIN EL KOM	00	7	30	2	1	1	6	22.5	14.4	67	08	0
ISMAILIA	00	6	28	1	0	0	-	22.7	13.0	75	09	0
FAROUK (Airport)	00	7	32	2	0	0	-	23	13	73	09	0
ALMAZA	00	7	32	2	1	1	6	23.5	12.7	78	09	0
EZBEKIYA	00	7	32	1	0	0	-	23.6	13.5	73	09	0
GIZA	00	7	32	1	0	0	-	23.8	12.9	69	07	0
HELWAN	00	7	32	2	0	0	-	23.4	13.2	71	08	0
FAIYUM	00	8	00	0	1	0	-	22.4	13.1	67	07	0
BENI SUEF	00	9	02	1	0	0	-	22.7	12.1	80	09	0
MINYA	00	7	01	2	0	0	-	22	13	77	09	0
ASYUT	00	6	28	1	0	0	-	21.6	15.2	56	06	0
NAG HAMMADI	00	8	00	0	0	0	-	19.0	14.7	70	10	0
QENA	00	6	24	2	0	0	-	18.6	15.8	66	10	0
LUXOR	00	7	14	1	0	0	-	19	16	49	05	0
ASWAN	00	9	32	1	0	0	-	18.6	19.4	30	01	0
SIWA	00	6	00	0	0	0	-	21.1	13.8	60	06	0
BAHARIYA	00	7						22.6	15.0	63	08	0
FARAFRA	00	7	02	1	0	0	-	22.6	11.5	60	04	0
DAKHLA	00	8	00	0	0	0	-		16.0	50	05	0
KHARGA	00	7	00	0	0	0	-	20.8	18.0	42	05	0
SUEZ	00	6	32	4	0	0	-	21.1	14.3	68	08	0
TOR	00	7	28	3	0	0	-	18.6	19.0	56	10	0
HURGHADA	00	8	27	4	0	0	-	19	18	73	13	0
QUSEIR	00	8	30	3	0	0	-	18.6	16.4	68	10	0

At 0600 on TUESDAY 28th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Maximum Yesterday TxTx	Diff. from norm.	Minimum Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Rainfall Total From Oct. 1	Rainfall Norm. From Oct. 1	Station	Area
03	9	04	5	2	10	6	25.5		13.2	16		13		74	08	dr	157		SIDI BARANI	MEDITERRANEAN
										17						1	121		MATRUH	
02	7	04	1	2	8	9			15.1	17		13		57	06	0	94		EL DABA	
02	9	28	3	2	8	5	25.2	+6.4	13.7	18	-1	13	+2	59		0	140	90	ALEXANDRIA	
02	7	30	1	2	9	8,4	24.8		14	17		13		72	09	0	119		FOUAD (Airport)	
01		30	2	1	3	8	24.2	+6.1	11.8	18		9		78	08	0	59	38	DAMIETTA	
01	7	26	4	0	5	6,4	24		14	18		12		67	08	0	17		PORT SAID	
01	9	24	2	1	6	8	23.4	+4.7	12.7	20	+1	11	+3	80	10	dr	32	32	EL ARISH	
01	6	28	2	1	7	8	25.1		11.8	18		11		81	09	0	26	34	DAMANHUR	LOWER EGYPT
01	7	28	1	1	5	6	24.4	+5.8	10.8	20	0	10	+2	84	08	0	12	15	MANSURA	
01	8	00	0	1	5	8	25.1	+6.0	11.3	19	-2	7	0	92	10	0	9	13	TANTA	
00	6	00	0	0	1	6	25.0	+5.8	10.8	20	0	9	+2	93	10	0	3	9	ZAGAZIG	
09	6	22	2	4	1	8	25.0	+5.8	11.7	22		9		83	09	0	4		SHIBIN EL KOM	
01	5	26	1	1	5	4	25.0		11.1	20		10		84	08	0	5		ISMAILIA	
00	6	00	0	0	2	4	25		10	19		9		82	07	0	dr		FAROUK (Airport)	CAIRO AREA
00	7	12	1	1	2	6	25.3	+5.9	10.2	19		8		82	08	0	2		ALMAZA	
08	4	00	0	4	0	-	25.5	+6.1	10.8	19	-1	9	+1	92	10	0	6	8	EZBEKIYA	
08	4	00	0	4	0	-	25.2	+5.7	8.8	20	0	8	+2	89	07	0	12	9	GIZA	
00	6	00	0	0	0	-	25.8	+6.2	10.2	18	-1	8	-1	87	08	0	6	8	HELWAN	
09	6	00	0	0	0	-	25.6	+6.4	7.8	19	-2	8	+1	84	07	0	k	2	FAIYUM	UPPER EGYPT
00	9	12	1	0	0	-	25.2		9.7	20		5		83	07	0	k		BENI SUEF	
09	6	32	2	0	0	-	25		9	21		6		82	06	0	4		MINYA	
00	7	22	1	0	0	-	24.2	+4.0	9.7	22	+2	6	0	77	06	0	0	3	ASYUT	
00	8	28	1	0	0	-	23.6	+4.0	11.1	25		7		76	07	0	0		NAG HAMMADI	
00	7	24	2	0	0	-	23.0	+4.1	11.6	23	0	8	0	80	09	0	dr		QENA	
00	8	06	1	0	0	-	23		11	24		4		77	07	0	dr		LUXOR	
00	9	00	0	0	0	-	22.0	+3.0	15.0	27	+3	11	0	68	09	0	dr		ASWAN	
00	7	04	2	0	0	-	24.3	+3.6	10.5	22	+1	4	0			0	0	4	SIWA	OASES
00	7	08	1	0	0	-	25.1	+4.9	10.0	21	+1	5	0	87	08	0	dr	4	BAHARIYA	
00	8	00	0	0	0	-	25.0		9.8	21		4		67	04	0	dr		FARAFRA	
00	8	00	0	0	0	-	23.9	+3.4	9.2	25	+3	6	0	68	03	0	dr		DAKHLA	
00	8	02	1	0	0	-	23.5	+4.3	14.9	24	+1	11	+4	61	08	0	0		KHARGA	
01	7	32	2	1	5	8	24.3	+5.5	10.1	22	+1	6	-4	87	08	0	12	8	SUEZ	RED SEA
00	8	02	2	0	0	-	22.6	+4.6	13.2	21	-1	10	+1	67	07	0	0	6	TOR	
00	9	25	2	0	k	8	22		14	20		11		77	10	0	dr		HURGHADA	
00	8	30	3	0	0	-	21.9	+4.3	16.7	25	+1	15	0	63	10	0	0	4	QUSEIR	
01	8	30	5	1	5	4	17		22			19		47	10	0	33	81	PORT SUDAN	
																	0		WADI HALFA	SUDAN
00	8	06	2	0	0	-	18		17			13		37	02	0	3	1	KAREIMA	
00	7	32	2	0	0	-	16		19			16		49	08	0	7	2	ATBARA	
00	8	02	3	0	1	3	15		20			17		43	07	0	10	4	KHARTUM	
00	8	00	0	0	0	-	12		24			18		69	18	0	2	8	KASSALA	
00	9	04	2	0	0	-	15		20					53	10	0	11	12	WAD MEDANI	
00	9	32	2	0	0	-	15		18					56	09	0	0	49	RENK	
00	8	32	2	0	0	-	12		19					56	10	0	2	36	ROSEIRES	
00	8	30	2	0	k		15		19			13		32	02	0	0	16	EL OBEID	
00	8	30	2	0	2	2			9			6		40	-4	0	0	6	EL FASHER	
02	8	06	2	1	9	2			12			9		33	-4	0		4	GENEINA	
00	8	32	4	0	-	2	12		23			17		36	07	0	69	88	MALAKAL	
02	8	00	0	1	9	2	15		16			15		82	13	0	261	143	WAU	
05	7	16	1	1	5	4,2	14		24			18		47	12	0	129	142	JUBA	

UPPER AIR OBSERVATIONS on 27th

DD Direction of wind in degrees East of North. VV Velocity in knots.

	27th	
[illegible]	59	-6
[illegible]	69	0
Giza	72	-2
Helwan	73	+16

28th .9

Remarks

ALMAZA — Aeroplane Ascent

FAROUK AIRPORT — on 28th, 4

Pressure mb	Height feet	Temp. °C	Humid. %	Wind DD	Wind VV
Surf		9	81	270	3
1000	640	10	95	270	3
900	3500	6	75	320	15
850	5050	7	75	320	25
800	6690	8	55	320	25
700	10250	1	55	290	52
600	14250	-7	65	300	62
500	18860	-13	-	290	89

Height	FOUAD A.P. 15	PORT SAID 14 30	MINYA 14	Almaza 14 30
200	340 20	300 17	360 20	330 4
500	340 14	310 22	10 16	320 5
1000	330 15	290 18	10 15	340 5
1500		280 19	10 15	330 7
2000		300 23	140 8	300 10
3000			30 9	300 10
4000			30 10	

UPPER AIR OBSERVATIONS on 28th

Height								
Time	5	3	3 30	4	1 45	3 30	5	5
200	80 17	340 14	280 23	320 11	120 1	30 21	30 8	110 36
500	80 18	340 16	290 21	340 13	30 16	30 25	50 16	110 37
1000		350 16	300 21	330 13	360 11	30 20	60 22	120 28
1500		360 20	320 23	330 22		30 19	50 24	160 16
2000			310 19	310 22		50 10	40 24	250 14
3000				290 46				
5000				300 49				
6000				290 77				

Height					
Time	5	6	6	10	4
200	70 22	40 5	20 18	340 31	10 25
500	70 29	80 8	40 15	320 29	20 28
1000	60 27	100 6	50 15	310 19	350 11
1500	50 19	360 8	50 15		310 11
2000	260 5	300 6	30 6		240 3
3000	270 27	310 15	310 13		210 6
4000	280 24	310 29			

Note: All times G.M.T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squall	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68-69
Snow	70-79
Showers	80-89
of Snow	83-84
of Sleet	85-86
of Hail	88-89
Thunderstorm	90-99
[illegible]	91
[illegible]	94-96
[illegible]	98
heavy with Hail	99

PAST WEATHER (W)

[illegible]

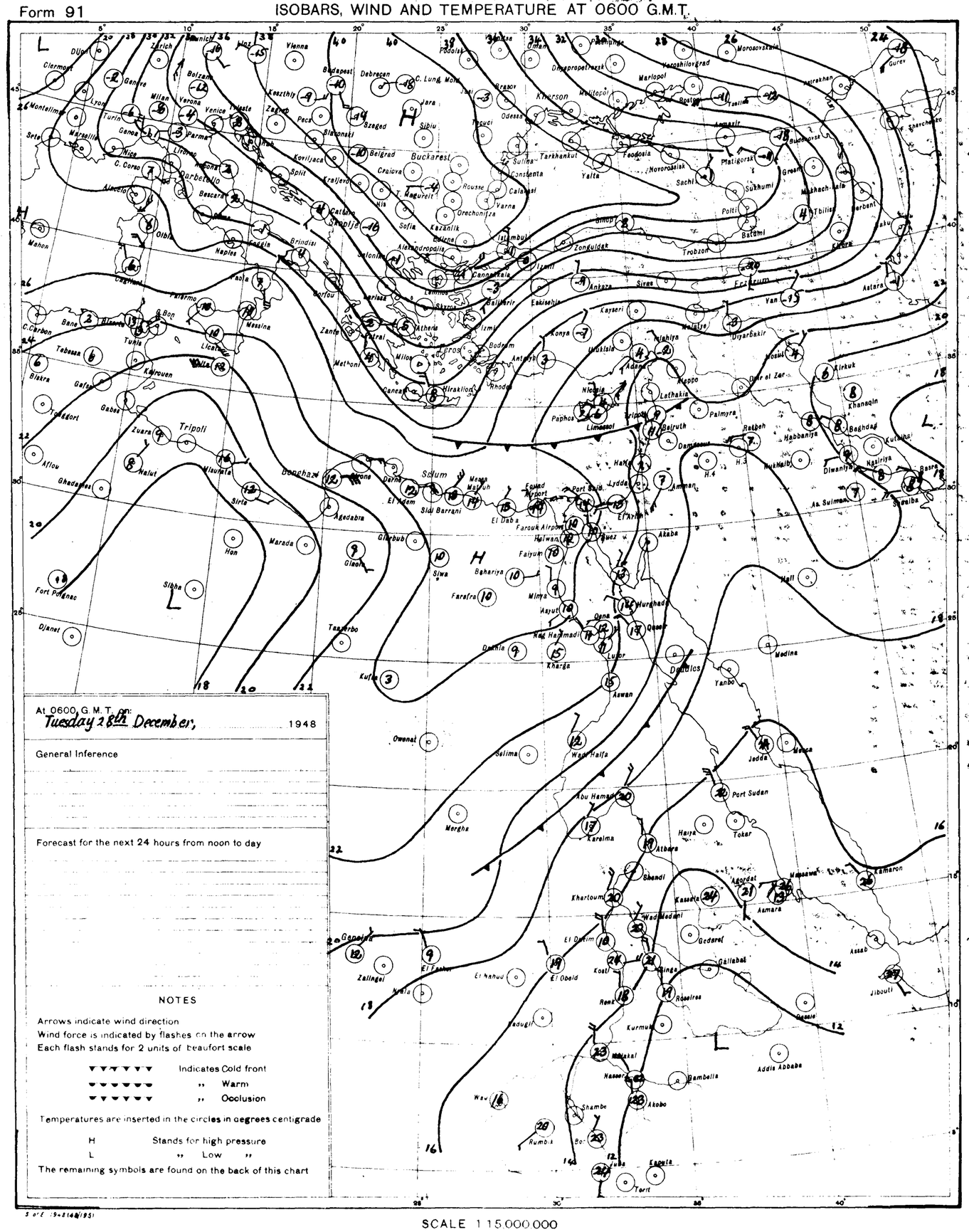
WIND DIRECTION (DD)

[illegible]

Printed [illegible] 1948 (48, 195)

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
Tuesday 28th December, 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of Beaufort scale

Indicates Cold front
,, Warm
,, Occolusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

S.O.E. 19-2148/951

SCALE 1:5,000,000

CAIRO

Time of Sunrise 04 50 G.M.T.

" " Sunset 15 04 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date : WEDNESDAY 29th DECEMBER, 1948.

At 1200 on TUESDAY 28th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
MEDITERRANEAN	146	SIDI BARANI	03	8	04	3	2	10	6	25.4	13.7	70	09	0
	160	MATRŪH	02	7	06	3	2	10	6	26	14	72	09	0
	134	EL DABA	02	8	01	4	2	8			16.3	63	09	0
	132	ALEXANDRIA	01	9	28	3	2	5	5	24.4	16.2	63	09	0
	150	FOUAD (Airport)	01	7	30	2	1	7	4	24.4	15	68	09	0
	159	DAMIETTA	01	8	28	2	1	5	8	23.4	15.7	55	07	0
	161	PORT SA'ID	01	7	30	3	1	5	6,4	23	16	52	06	0
	135	EL 'ARISH	00	8	28	1	0	2	6	22.4	16.3	64	09	0
LOWER EGYPT	136	DAMANHUR	01	7	28	3	1	7	8	24.7	15.8	61	08	0
	137	MANSURA	02	7	32	2	2	8	6	24.2	15.8	56	07	0
	138	TANTA	01	8	24	2	1	5	8	24.0	16.0	60	08	0
	139	ZAGAZIG	02	6	32	2	2	8	8	23.5	16.2	65	09	0
		SHIBIN EL KOM	01	8	28	3	1	5	8		16.3	63	09	0
		ISMAILIA	02	5	30	1	2	8	5	23.4	17.1	51	07	0
CAIRO AREA	928	FAROUK (Airport)	01	8	28	3	0	5	6	23	17	54	06	0
	141	ALMAZA	01	7	28	3	1	5	6	23.8	16.6	52	06	0
		EZBEKIYA	01	8	28	1	0	3	8,4	24.0	17.0	54	08	0
		GIZA	01	8	28	1	0	3	8,4	23.9	16.7	53	06	0
	143	HELWAN	00	7	28	4	0	2	8	23.6	16.2	54	06	0
UPPER EGYPT	153	FAIYUM	00	8	30	2	0	0	-	23.8	18.0	51	08	0
		BENI SUEF	00	9	02	2	0	0	-	23.1	18.6	55	10	0
	162	MINYA	00	8	01	4	0	0	-	23	20	53	10	0
	155	ASYUT	00	8	28	1	0	0	-	21.4	21.1	34	05	0
	164	NAG HAMMADI	00	8	00	0	0	0	-	19.2	22.1	51	11	0
	156	QENA	00	9	28	1	0	0	-	20.0	20.3	54	10	0
	157	LUXOR	00	8	02	2	0	0	-	19	23	50	12	0
	158	ASWAN	00	9	32	1	0	0	-	18.3	24.0	33	07	0
OASES	148	SIWA	00	8	00	0	0	0	-	23.3	18.5	67	12	0
	149	BAHARIYA	00	8	08	1	0	0	-	23.1	20.5	48	09	0
		FARAFRA	00	8	04	2	0	0	-	23.5	20.7	40	07	0
	152	DAKHLA	00	9	28	1	0	0	-		22.8	35	07	0
	151	KHARGA	00	8	02	1	0	0	-	21.5	22.2	32	05	0
RED SEA	144	SUEZ	01	8	32	3	1	3	8		16.9	54	08	0
	145	TOR	00	7	28	5	0	0	-	20.3	18.6	53	09	0
	163	HURGHADA	00	9	30	5	0	0	-	20	19	64	12	0
	147	QUSEIR	00	8	02	3	0	0	-	20.4	20.7	59	13	0
	298	PORT SUDAN	00	8	00	0	1	2	8	14	27	58	18	0
NORTHERN SUDAN	165	WADI HALFA												
	166	KAREIMA	00	8	04	3	0	0	-	13	29	22	05	0
	167	ATBARA	00	8	04	4	0	0	-	11	31	22	07	0
	209	KHARTUM												
	170	KASSALA	00	8	04	2	1	0	-	7	33	41	18	0
CENTRAL SUDAN	171	WAD MEDANI	01	8	32	3	0	5		9	32	29	12	0
	182	RENK	00	9	04	2	0	0	-	7	31	38	15	0
	[illegible]	ROSEIRES	00	8	04	2	0	0	-		34	19	07	0
	[illegible]	EL OBEID												
	[illegible]	EL FASHER												
	[illegible]	GENEINA	01	8	02	2	1	5	2		28	07	-1	0
SOUTHERN SUDAN	[illegible]	MALAKAL												
	[illegible]	WAU												
	[illegible]	JUBA	02	8	30	1	1	9	2	7	34	25	11	0

At 1800 on 28th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARANI	03	8	06	3	2	10	6	25.5	13.3	72	08	0
MATRŪH	02	7	06	3	2	10	6	26	13	72	08	0
EL DABA	02	8	01	4	2	8	8		15.8	62	09	0
ALEXANDRIA	01	5	28	2	2	5	6	25.2	13.0	66	07	0
FOUAD (Airport)	01	7	30	2	1	7	6	25.2	14	59	06	0
DAMIETTA	00		26	2	0	2	8		12.5	71	07	0
PORT SA'ID	00	7	27	3	1	2	6	24	13	41	00	0
EL 'ARISH	01	8	30	3	1	5	8	23.0	14.6	62	08	0
DAMANHUR	01	6	28	2	1	7	8	25.1	12.0	79	08	0
MANSURA	00	5	28	2	1	0	-	25.1	11.5	80	09	0
TANTA	01	8	24	1	1	5	8	24.7	11.4	82	08	0
ZAGAZIG	00	6			0	0	-	24.6	10.5	88	08	0
SHIBIN EL KOM	01	7	30	2	1	3	6	24.0	15.1	71	10	0
ISMAILIA	00	5	26	1	0	0	-	24.6	12.0	73	07	0
FAROUK (Airport)	00	7	02	1	0	0	-	24	12	79	08	0
ALMAZA	00	7	03	2	0	0	-	24.8	13.3	62	09	0
EZBEKIYA	00	7	00	0	0	0	-	25.1	12.0	79	08	0
GIZA	00	7	00	0	0	0	-	24.8	12.8	69	07	0
HELWAN	00	7	32	3	0	0	-	25.2	12.1	72	06	0
FAIYUM	00	8	00	0	0	0	-	24.2	12.7	69	07	0
BENI SUEF	00	9	12	1	0	0	-	24.2	11.8	76	08	0
MINYA	00	7	01	3	0	0	-	23	13	77	09	0
ASYUT	00	6	26	1	0	0	-	23.1	15.2	47	04	0
NAG HAMMADI	00	8	00	0	0	0	-	21.6	13.8	73	09	0
QENA	00	6	24	2	0	0	-	20.6	16.4	69	10	0
LUXOR	00	7	16	1	0	0	-	20	14	67	08	0
ASWAN	00	9	32	1	0	0	-	19.2	20.6	35	05	0
SIWA	00	6	04	3	0	0	-		14.5	55	05	0
BAHARIYA	00	7	04	2	0	0	-	23.8	14.0	67	08	0
FARAFRA												
DAKHLA	00	8	00	0	0	0	-	22.0	15.9	50	05	0
KHARGA	00	7	00	0	0	0	-	22.0	15.8	46	04	0
SUEZ	00	6	32	1	0	0	-	22.6	13.3	64	06	0
TOR	00	7	28	1	0	0	-	21.2	15.8	62	09	0
HURGHADA	00	8	29	4	0	0	-	21	18	52	08	0
QUSEIR	00	8	28	4	0	0	-	20.6	20.7	51	10	0

At 0600 on WEDNESDAY 29th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb TT	Maximum Yesterday TxTx	Max. Diff. from norm.	Minimum Today TnTn	Min. Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	Area
SIDI BARANI	02	9	06	5	2	9	6,4	26.0		13.0	14		12		66	07	0	157		MEDITERRANEAN
MATRŪH																		121		
EL DABA	02	7	04	1	2	8		24.6		14.0	18		11		57	06	0	94		
ALEXANDRIA	01	9	32	2	2	7	4	25.2	+6.3	13.2	18	-1	13	+2	59	05	0	140	42	
FOUAD (Airport)	01	7	02	2	1	5	6	25.2		13	16		11		67	07	0	119		
DAMIETTA	02		30	2	2	8	8	24.2	+6.2	13.1	16		10		63	06	0	59	38	
PORT SA'ID	01	7	02	3	1	7	6	24		14	17		12		55	05	0	17		
EL 'ARISH	01	8	28	2	1	5	8	23.0	+4.3	14.7	17	-2	10	+2	50	05	0	32	32	
DAMANHŪR	01	6	28	2	1	3	8	25.0	+6.5	10.4	17	-3	8	0	74	06	0	26	34	LOWER EGYPT
MANSŪRA	01	7	08	1	1	5	6	25.1	+6.5	10.8	17	-3	7	-1	71	06	0	12	15	
TANTA	00	8	00	0	1	0	-	24.8	+5.7	7.4	17	-4	4	-3	94	06	0	7	13	
ZAGAZIG	00	6	00	0	0	0	-	24.2	+5.0	7.1	20	0	6	-1				3	9	
SHIBĪN EL KŌM	09	6	12	2	4	2	8	24.6	+5.4	12.1	22		8		80	09	0	4		
ISMAĪLIA	01	5	20	1	1	5	4	24.7		7.8	18		7		88	06	0	5		
FAROUK (Airport)	05	6	00	0	0	8	6	25		8	18		6		81	05	0	tr		CAIRO AREA
ALMAZA	00	7	00	0	0	2	6	25.4	+6.0	9	17		6		71	04	0	2		
EZBEKĪYA	00	7	00	0	0	2	4	25.6	+6.2	9.2	18	-2	7	-1	89	07	0	6	8	
GĪZA	00	7	00	0	0	2	4	25.6	+6.1	6.8	18	-2	4	-2	90	05	0	12	9	
HELWĀN	09	5	00	0	0	2	4	25.4	+5.8	8.1	16	-3	7	-2	85	06	0	6	8	
FAIYŪM	01	8	00	0	1	5	6	26.2	+7.4	8.8	19	-2	6	-1	83	06	0	tr	2	UPPER EGYPT
BENI SUEF	01	9	02	1	0	3	4	25.4		7.7	19		5		93	07	0	tr		
MINYA	05	6	32	3	0	[illegible]		24		8	21		4		88	06	0	4		
ASYŪT																	0	0	3	
NAG HAMMADI	00	8	24	1	0	0	-	23.1	+3.5	10.0	24		7		79	06	0	0		
QENA	00	7	22	3	0	0	-	23.0	+4.1	10.0	22	-1	8	+1	83	07	0	tr		
LUXOR	00	8	00	0	0	0	-	22		12	23		5		59	04	0	tr		
ASWĀN	00	9	32	2	0	0	-	22.2	+3.2	13.8	25	+1	10	-1	57	06	0	tr		
SIWA	00	7	04	2	0	0	-	26.6	+5.9	9.8	19	-2	8	+4	69	05	0	0	4	OASES
BAHARIYA	01	8	00	0	1	3	4	25.0	+4.8	9.2	21	+1	5	0	84	06	0	tr	4	
FARAFRA																		tr		
DAKHLA	00	8	00	0	0	0	-	24.0	+3.4	8.0			6	+1	72	03	0	tr		
KHARGA	00	8	00	0	0	0	-	23.4	+4.1	13.0	23	0	9	+2	66	07	0	0		
SUEZ	00	7	32	2	0	0	-	23.4	+4.6	8.9	19	-2	6	-4	86	07	0	12	8	RED SEA
TOR	00	8	28	5	0	0	-	22.3	+4.3	16.0	21	-1	10	+1	66	09	0	0	6	
HURGHADA	00	9	21	1	0	0	-	22		13	20		10		77	09	0	tr		
QUSEIR	00	8	30	3	0	0	-	22.1	+4.5	16.6	21	-2	14	-1	55	08	0	0	4	
PORT SUDAN																	0	33	82	
WADI HALFA																	0	0		NORTHERN SUDAN
KAREIMA																	0	3	1	
ATBARA																	0	7	2	
KHARTUM																	0	10	4	
KASSALA																	0	2	8	
WAD MEDANI																	0	11	12	CENTRAL SUDAN
RENK																	0	0	49	
ROSEIRES																	0	2	36	
EL OBEID																	0	0	16	
EL FASHER																	0	0	6	
GENEINA																	0		4	
MALAKAL																	0	69	88	SOUTHERN SUDAN
WAU																	0	241	143	
JUBA																	0	129	142	

HUMIDITY

Mean for day 28th

Station	Mean	Diff. from normal
Almaza	58	-7
Ezbekiya	78	+9
Giza	72	-2
Helwan	75	+18

GIZA Grass Minimum Temp. on 29th -1.2

Remarks

UPPER AIR OBSERVATIONS on 28th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA Aeroplane Ascent — heights (feet): Surface, 500, 1000, 1500, 2000, 4000, 6000, 8000, 10000, 12000, 14000, 16000, 18000, 20000 (no entries)

FAROUK AIRPORT Rawinsonde on 29th 04

Pressure mbs.	Height feet	Temp. °C	Humidity %	Wind DD	Wind VV
Surface 1015		7	86	360	00
1000	630	7	85	360	00
950					
900	3460	3	95	340	13
850	4990	6	35	320	27
800	6610	4	45	310	31
700	10160	-2	55	300	50
600	14110	-12	85	300	59
500	18530	-18	-	300	82
400					
300	30830	-31	-		
250					
200					
150					
100					

Station	MINYA		MATRUH		PORT-SAID		ALMAZA	
Time	15		13 45		14		13 45	
Height m	DD	VV	DD	VV	DD	VV	DD	VV
200	360	20	40	10	320	11	280	4
500	30	16	20	11	310	10	220	5
1000	360	13	20	10	300	11	300	4
1500	350	22	ENT. Sc.		300	18	300	8
2000	300	17						
3000								
4000								
5000								
6000								
7000								
8000								

UPPER AIR OBSERVATIONS on 29th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Station	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SAID		FAROUK AIRPORT		ALMAZA		HELWAN		MINYA		ASYUT		LUXOR		ASWAN		[illegible]	
Time	5						3	30	4		8	30	6	30	3						5		5	
Height m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	50	22					10	12	10	6	360	3	360	6	360	16					10	5	80	34
500	50	17					10	13	360	11	10	4	10	11	360	20					30	16	80	37
1000	20	11					340	9	350	11	70	5	40	10	10	26					30	19	100	25
1500	300	10							320	24	320	11	320	23	10	28					10	24	200	14
2000									310	30	290	6	310	27	20	33					10	22	260	17
3000									300	43											360	10	280	26
4000																							260	25
5000									300	48													280	34
6000									300	59														
7000																								
8000																								

Station	BAHARIYA		DAKHLA		KHARGA		HURGHADA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
Time	5		5		5		9	15																
Height m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	40	23	130	3	10	20	320	20																
500	50	32	140	4	30	20	320	13																
1000	50	12	80	9	70	12	330	25																
1500	300	7	60	27	340	14	220	12																
2000	290	16	60	10			290	23																
3000	300	37																						
4000																								
5000																								
6000																								
7000																								
8000																								

Note: All times G. M. T.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres 0; 200; 500; 1 Kilometre; 2; 4; 10; 20; 50; Visibility over 50 km.

CLOUD FORM (C)

Cirrus; Cirro-stratus 2; Cirro-cumulus 3; Alto-cumulus 4; Alto-stratus; Strato-cumulus; Nimbo-stratus; Cumulus; Cumulo-nimbus; Stratus

WIND FORCE (F)

Calm		0
Almost calm		1
Very light		2
Light		3
Moderate		4
Fresh		5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

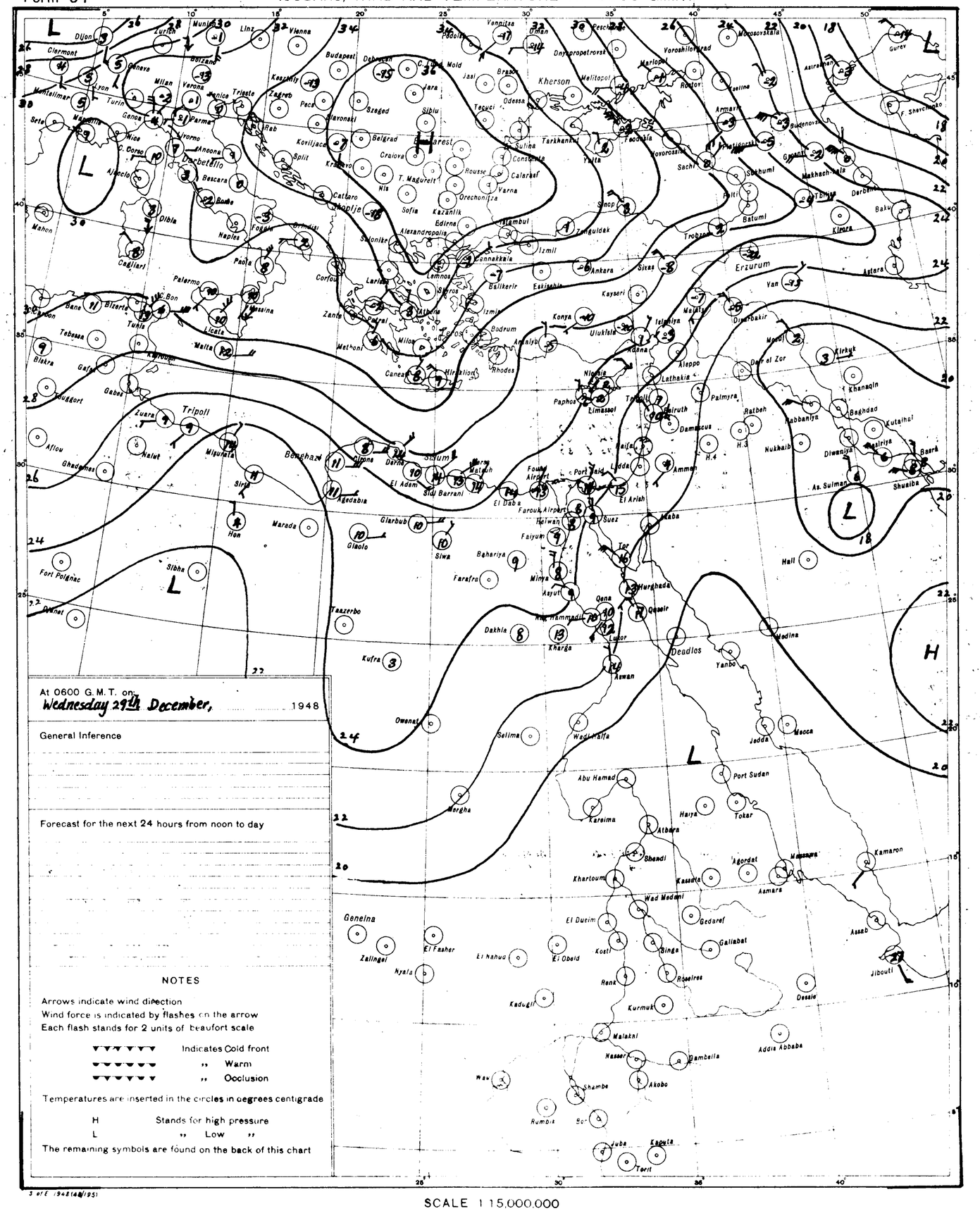
WIND DIRECTION (DD)

In the Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Printed by the ... of Egypt 1948 (48-195)

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on Wednesday 29th December, 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of Beaufort scale

Indicates Cold front
,, Warm
,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

S of E (1948 (4)/1951)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 51 G.M.T.

" " Sunset 15 05 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: Thursday 30th December, 1948.

At 1200 on Wednesday 29th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 6-12 G.M.T. mms
Mediterranean	146	SIDI BARANI	02	9	04	2	1	8	8	26.0	14.2	57	5	0
	160	MATRUH	01	8	05	3	2	5	6,4	26	15	63	8	0
	134	EL DABA	02	8	30	1	2	8	8		15.0			0
	132	ALEXANDRIA	01	9	32	2	2	5	8	24.3	14.8	51	5	0
	150	FOUAD (Airport)	01	8	31	2	1	5	6	24.5	16	52	6	
	159	DAMIETTA	01	8	30	4	1	3	8	23.5	14.8	57	6	0
	161	PORT SAID	01	8	01	4	1	5	6	23	15	48	4	0
	135	EL ARISH	01	8	28	4	1	5	8	21.9	16.2	44	4	0
Lower Egypt	136	DAMANHUR	01	7	04	3	1	5	8	24.7	16.0	52	6	0
	137	MANSURA	01	7	28	2	1	5	6	23.9	16.2	49	5	0
	138	TANTA	01	8	28	2	1	5	8	23.8	17.0	52	7	0
	139	ZAGAZIG	01	6	32	1	2	5	8	23.8	15.4	62	8	0
		SHIBIN EL KOM	01	8	22	3	1	5	8	24.0	19.3	38	4	0
		ISMAILIA	01	7	02	2	1	5	8	23.1	18.5	33	2	0
Cairo Area	928	FAROUK (Airport)	01	7	02	2	0	5	8	24	16	45	4	0
	141	ALMAZA	01	8	30	2	0	5	8	23.3	16	45	4	0
		EZBEKIYA	01	8	30	2	0	3	6	23.5	16.2	52	6	0
		GIZA	01	8	30	2	0	3	6	23.1	17.5	56	9	0
	143	HELWAN	00	8	32	3	0	1	8	23.5	15.6	41	3	0
Upper Egypt	153	FAIYUM	00	8	30	2	0	0	—	23.6	16.5	45	4	0
		BENI SUEF	00	9	02	2	0	0	—	22.6	17.8	47	6	0
	162	MINYA	00	7	01	4	0	0	—	23	18	52	8	0
	155	ASYUT	00	8	28	1	0	0	—	21.9	18.2	48	7	0
	164	NAG HAMMADI	00	8	24	1	0	0	—	20.2	22.2	50	11	0
	156	QENA	00	8	24	1	0	0	—	20.3	20.8	47	9	0
	157	LUXOR	00	8	26	1	0	0	—	19	23	50	12	0
	158	ASWAN	00	9	32	2	0	0	—	19.2	23.5	29	5	0
Oases	148	SIWA	00	8	04	3	0	0	—	24.4	19.4	62	11	0
	149	BAHARIYA	00	8	32	1	1	0	—	23.5	17.0	56	8	0
		FARAFRA	00	8	00	0	0	0	—	24.4	18.0	50	7	0
	152	DAKHLA	00	9	04	1	0	0	—	21.1	23.4	44	10	0
	151	KHARGA	00	8	32	1	0	0	—	20.9	21.5	35	6	0
Red Sea	144	SUEZ	01	8	32	3	1	5	8	21.8	15.8	50	5	0
	145	TOR	00	7	28	5	0	0	—	20.7	17.3	68	11	0
	163	HURGHADA	00	9	29	5	0	tr.	4	19	18	60	10	0
	117	QUSEIR	00	8	32	3	0	0	—	19.5	20.0	62	12	0
	208	PORT SUDAN	00	8	28	2	0	0	—	14	27	52	16	0
Northern Sudan	165	WADI HALFA												
	166	KAREIMA	00	8	08	3	0	0	—	14	28	19	2	0
	167	ATBARA	00	7	06	3	0	tr.	2	12	29	13	-2	0
	209	KHARTUM	00	8	03	3	0	tr.	1	11	30	19	4	0
	170	KASSALA	01	8	32	2	1	5	1	7	33	36	16	0
Central Sudan	171	WAD MEDANI	00	8	32	2	0	0	—	9	31	19	5	0
	182	RENK	00	9	03	4	0	0	—	7	31			0
	172	ROSEIRES	00	8						10	34	25	11	0
	174	EL OBEID	00	8	02	3	0	tr.	1	9	29	19	3	0
	175	EL FASHER	00	8	04	2	0	1	1		28	16	0	0
	179	GENEINA	00	8	04	4	0	2	1		31			0
Southern Sudan	176	MALAKAL	01	8	02	3	1	5	2	7	34	16	5	0
	177	WAU	02	8	22	2	1	8	2	7	34	15	4	0
	178	JUBA	02	8	04	2	1	8	2	6	35	16	6	0

At 1800 on 29th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C	Rain 12-18 G.M.T. mms
SIDI BARANI	02	8	02	2	1	9	6,4	26.0	13.4	63	6	0
MATRUH	01	7	04	3	1	5	6	25	13	82	10	0
EL DABA	01	6	28	1	1	5	8		14.3	54	5	0
ALEXANDRIA	01	5	04	2	2	5	6	23.9	13.0	55	4	0
FOUAD (Airport)	01	7	08	1	1	3	6	25	16	42	3	0
DAMIETTA	03		30	2	2	10	8	24.2	13.0	59	5	0
PORT SAID	01	8	30	2	0	5	6	24	14	55	5	0
EL ARISH	01	8	30	3	1	5	8	23.0	14.6	62	8	0
DAMANHUR	00	6	04	3	1	0	—	24.7	11.2	75	7	0
MANSURA	00	5	32	2	1	0	—	24.6	10.8	63	4	0
TANTA	00	8	00	0	1	0	—	24.2	10.4	82	7	0
ZAGAZIG	00	6	00	0	0	0	—	24.6	11.3	84	8	0
SHIBIN EL KOM	00	7	30	2	0	1	6	24.4	15.3	64	8	0
ISMAILIA	00	6	02	2	0	0	—	23.9	12.8	55	4	0
FAROUK (Airport)	00	7	04	3	0	0	—	24	12	77	8	0
ALMAZA	00	7	04	2	1	2	6	24.3	12.2	56	6	0
EZBEKIYA	00	7	32	1	0	0	—	24.2	12.0	72	7	0
GIZA	00	7	32	1	0	0	—	24.0	12.3	65	6	0
HELWAN	00	7	30	2	0	0	—	23.9	11.5	58	4	0
FAIYUM	00	8	00	0	0	0	—	23.9	11.0	76	7	0
BENI SUEF	00	9	02	1	0	0	—	23.8	11.2	81	8	0
MINYA	00	7	32	1	0	0	—	23	10	76	6	0
ASYUT	00	6	22	1	0	0	—	23.6	11.6	69	7	0
NAG HAMMADI												
QENA	00	6	24	2	0	0	—	21.1	14.4	66	8	0
LUXOR												
ASWAN	00	9	32	1	0	0	—	20.0	15.0	68	9	0
SIWA	00	8	00	0	0	0	—	24.7	13.5	61	7	0
BAHARIYA	00	7	00	0	0	0	—	24.2	12.0	71	7	0
FARAFRA												
DAKHLA	00	8	00	0	0	0	—	22.0	15.8	55	7	0
KHARGA	00	7	00	0	0	0	—	22.3	15.8	48	5	0
SUEZ	00	6	32	3	0	0	—	21.4	12.2	61	5	0
TOR	00	7	28	4	0	0	—	20.0	17.5	61	10	0
HURGHADA	00	8	26	2	0	0	—	21	15	72	10	0
QUSEIR	00	8	30	3	0	0	—	19.8	18.7	65	12	0

At 0600 on Thursday 30th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb TT	Maximum Yesterday TxTx	Max. Diff. from norm.	Minimum Today TnTn	Min. Diff. from norm.	Humidity % UU	Dew Point °C	Rainfall Past 24 hrs	Rainfall Total From Oct. 1	Rainfall Norm. From Oct. 1	Station	Area
SIDI BARANI	03	9	02	2	2	10	6	26.7		14.0	15		13		57	6	0	157		SIDI BARANI	Mediterranean
MATRUH	03	7	02	3	2	10	6	26		13	15		12		67	7	0	121		MATRUH	
EL DABA	02	7	04	1	2	8	8			13.0	16		11		64	6	0	94		EL DABA	
ALEXANDRIA	02	9	32	2	2	9	8	24.4	+5.5	13.2	18	-1	11	0	51	3	0	140	94	ALEXANDRIA	
FOUAD (Airport)	02	7	25	2	2	10	6,4	24.2		12	17		11		67	6	0	119		FOUAD (Airport)	
DAMIETTA	09		14	2	2	8	6	23.4	+5.4	12.2	16		9		73	7	0	59	39	DAMIETTA	
PORT SAID	02	7	06	2	2	10	6	23		14	16		14		52	4	0	17		PORT SAID	
EL ARISH	01	8	28	2	1	5	8	23.0	+4.3	14.7	17	-2	10	+2	50	4	0	32	33	EL ARISH	
DAMANHUR	03	6	28	2	2	10	8	24.8	+6.2	11.0	19	-1	9	+1	80	8	0	26	35	DAMANHUR	Lower Egypt
MANSURA	02	7	30	1	2	9	6	23.9	+5.3	12.0	19	-1	9	+1	57	4	0	12	15	MANSURA	
TANTA	02	8	00	0	2	9	8	24.2	+5.1	10.0	18	-3	6	-1	79	6	0	9	13	TANTA	
ZAGAZIG	02	6	00	0	2	9	7	23.9	+4.7	9.8	20	0	6	-1	75	6	0	3	9	ZAGAZIG	
SHIBIN EL KOM	01	7	28	2	1	5	8	24.3	+5.1	10.3	20		7		73	5	0	4		SHIBIN EL KOM	
ISMAILIA	03	5	26	1	2	10	5	23.9		11.0	18		8		59	3	0	5		ISMAILIA	
FAROUK (Airport)	01	7	08	2	1	5	6	24		11	17		7		54	2	0	Dr.		FAROUK (Airport)	Cairo Area
ALMAZA	01	7	00	0	0	5	6	24.2	+4.8	10.1	17		6		55	3	0	2		ALMAZA	
EZBEKIYA	00	7	00	0	0	2	4	24.8	+5.4	9.8	17	-3	6	-2	78	6	0	6	8	EZBEKIYA	
GIZA	00	7	00	0	0	2	4	24.3	+4.8	7.9	17	-3	3	-3	75	4	0	12	9	GIZA	
HELWAN	05	6	28	1	0	3	4	24.3	+4.7	8.2	16	-3	6	-3	69	3	0	6	8	HELWAN	
FAIYUM	00	8	30	1	0	0	—	24.4	+5.0	9.0	17	-4	5	-2	71	4	0	tr.	2	FAIYUM	Upper Egypt
BENI SUEF	00	9	28	1	0	0	—	24.0		6.9	18		3		84	4	0	tr.		BENI SUEF	
MINYA	05	6	32	3	0	0	—	24		6	18		4		87	4	0	4		MINYA	
ASYUT	00	7	22	1	0	0	—	23.3	+3.1	8.0					72	3	0	0	3	ASYUT	
NAG HAMMADI	00	8	26	1	0	0	—	22.6	+3.0	10.0	23		5		74	6	0	0		NAG HAMMADI	
QENA	00	8	24	2	0	0	—	21.9	+3.0	9.3	22	-1	7	0	83	6	0	Dr.		QENA	
LUXOR	00	8	19	1	0	0	—	21		11			5		71	6	0	Dr.		LUXOR	
ASWAN	00	9	32	2	0	0	—	21.0	+2.0	13.4	25	+1	10	-1	44	1	0	Dr.		ASWAN	
SIWA	00	7	00	0	0	0	—	25.6	+4.9	7.5	20	0	4	0	65	2	0	0	4	SIWA	Oases
BAHARIYA	00	9	00	0	0	0	—	24.6	+4.4	7.7	19	-1	4	-1	76	4	0	Dr.	4	BAHARIYA	
FARAFRA																		Dr.		FARAFRA	
DAKHLA	00	8	00	0	0	0	—	23.9	+3.3	7.8	25	+3	5	0	75	4	0	Dr.		DAKHLA	
KHARGA	00	8	00	0	0	0	—	23.3	+4.0	11.0	22	-1	8	+1	73	6	0	0		KHARGA	
SUEZ	01	7	32	1	1	5	8	22.8	+4.0	9.0	17	-4	5	-5	71	4	0	12	8	SUEZ	Red Sea
TOR	00	8	02	2	0	0	—	20.2	+2.2	13.2	18	-3	10	+1	72	8	0	0	6	TOR	
HURGHADA	00	9	26	1	0	1	6	20		11	18		9		63	4	0	Dr.		HURGHADA	
QUSEIR	00	8	28	4	0	0	—	19.9	+2.3	15.0	21	-2	13	-2	58	7	0	0	4	QUSEIR	
PORT SUDAN																	0	33	83	PORT SUDAN	
WADI HALFA																	0	0		WADI HALFA	Northern Sudan
KAREIMA																	0	3	1	KAREIMA	
ATBARA																	0	7	2	ATBARA	
KHARTUM																	0	10	4	KHARTUM	
KASSALA																	0	2	8	KASSALA	
WAD MEDANI																	0	11	12	WAD MEDANI	Central Sudan
RENK																	0	0	49	RENK	
ROSEIRES																	0	2	36	ROSEIRES	
EL OBEID																	0	0	16	EL OBEID	
EL FASHER																	0	0	6	EL FASHER	
GENEINA																			4	GENEINA	
MALAKAL																	0	69	88	MALAKAL	Southern Sudan
WAU																	0	261	143	WAU	
JUBA																	0	129	143	JUBA	

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at ... metres ...

CLOUD FORM (C)

[illegible]

WIND FORCE (F)

[illegible]

WIND DIRECTION (DD)

Scale 01-32 e.g.
08 = East, 16 = South,
24 = West, 32 = North,
00 = Calm

HUMIDITY — Mean of day

Station	29th	Diff. from normal
Almaza	52	-13
Ezbekiya	73	+4
Giza	71	-3
Helwan	67	+9

GIZA — Grass minimum temp. on 30th −1.9

Remarks

ALMAZA — Aeroplane Ascent

Height feet	Pressure	Dry °C	Wet °C
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			
18000			
20000			

FAROUK AIRPORT — Rawinsonde on 30th at 3h

Pressure mb.	Height feet	Temp. °C	Humidity %	Wind DD	Wind VV
Surface		7	63	110	5
1000	610	9	55	110	5
950					
900	3440	3	75	10	13
850	4950	-2	85	360	23
800	6550	4		340	23
700	10000	-2		320	31
600	14030	-9		310	49
500	18590	-18		310	75
400		-26			
300	30630	-36		90	57
250					
200					
150					
100					

UPPER AIR OBSERVATIONS on 29th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Height m	Almaza DD	Almaza VV	Matruh DD	Matruh VV	Fouad Ap. DD	Fouad Ap. VV	Port Said DD	Port Said VV	Minya Ap. DD	Minya Ap. VV
Time	14 15		13 45		14		14 30		15	
200	330	3	360	8	360	12	320	9	360	17
500	10	5	360	11	340	10	340	7	360	16
1000	30	4	350	15	20	9	350	16	350	16
1500	10	6			40	9	320	13	340	28
2000	300	13			Ent. St.		310	27	320	20
3000	290	15					310	20		
4000										
5000										
6000										
7000										
8000										

UPPER AIR OBSERVATIONS on 30th

DD Direction of wind in degrees East of North. VV Velocity in knots.

Height m	Sidi Barani DD	VV	Matruh DD	VV	Fouad Airport DD	VV	Port Said DD	VV	Farouk Airport DD	VV	Almaza DD	VV	Helwan DD	VV	Minya DD	VV	Asyut DD	VV	Luxor DD	VV	Aswan DD	VV	Siwa DD	VV
Time	5		5		3		3 15		3		8 30		6		3						5		5	
200	30	12	10	13	230	12	350	9	50	9	10	5	10	8	20	19					10	10	70	18
500	30	8	360	13	240	13	350	8	10	13	10	6	10	16	20	22					10	22	70	22
1000	30	5	360	16	240	13	Ent. SC		10	11	360	7	20	17	20	27					10	22	50	22
1500	Ent. Cb.		Ent. St.		250	10			360	20	20	9	30	17	340	24					320	14	10	12
2000									340	20	320	10			330	30					330	33	290	18
3000									320	27	330	9											80	23
4000											330	15											300	26
5000									310	52													290	35
6000									310	66														
7000																								
8000																								

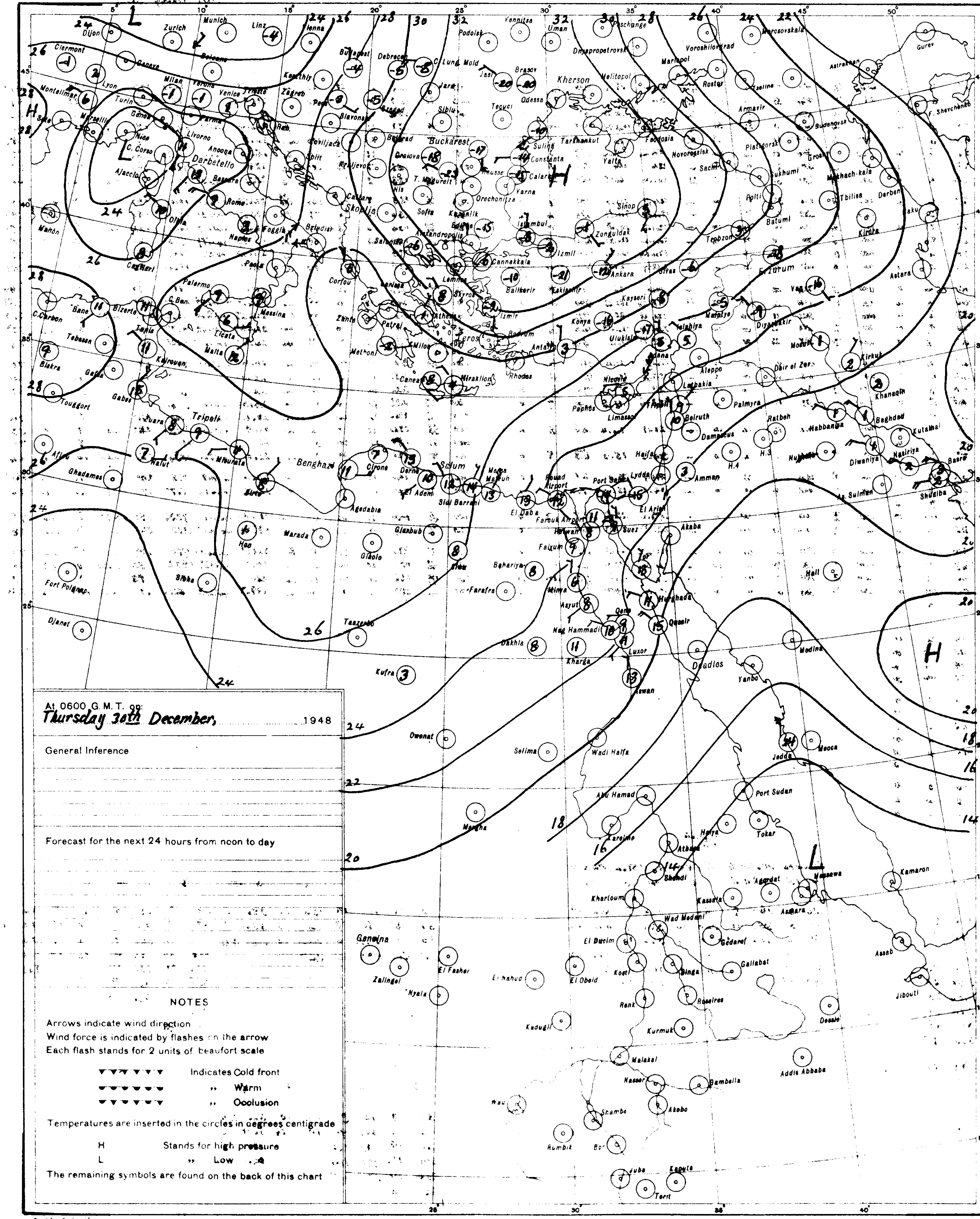
Height m	Bahariya DD	VV	Dakhla DD	VV	Kharga DD	VV	Hurghada DD	VV	Wadi Halfa DD	VV	Abu Hamad DD	VV	Kareima DD	VV	Khartum DD	VV	Kassala DD	VV	El Obeid DD	VV	El Fasher DD	VV	Malakal DD	VV
Time	5		5		6 15		9																	
200	50	17	40	8	10	10	320	36																
500	50	21	30	9	10	18	320	26																
1000	50	19	20	15			320	31																
1500	360	19	320	14			320	23																
2000	320	29	320	19																				
3000	320	32																						
4000																								
5000																								
6000																								
7000																								
8000																								

Note: All times G.M.T.

Printed by the ... of Egypt 1948 (148, 1951

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on:
Thursday 30th December, 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of beaufort scale

▼▼▼▼▼▼ Indicates Cold front
▼▼▼▼▼▼ ,, Warm
▼▼▼▼▼▼ ,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low

The remaining symbols are found on the back of this chart

S c/E 1948(48/195)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 51 G.M.T.

" " Sunset 15 05 G.M.T.

MINISTRY OF NATIONAL DEFENCE, — METEOROLOGICAL DEPARTMENT, — EGYPT

Form 91

DAILY WEATHER REPORT

Date: FRIDAY 31st DECEMBER, 1948.

At 1200 on THURSDAY 30th

Area	Index Number	Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C. TT	Humidity % UU	Dew Point °C.	Rain 6-12 G.M.T. mms
MEDITERRANEAN	146	SIDI BARÂNI	02	9	04	2	2	8	6,4	24.4	15.2	53	05	0
	160	MATRÛH	02	7	04	2	2	10	6		15	13	08	0
	134	EL DABA	02	8	01	4	2	8	8		14.0	58	06	0
	132	ALEXANDRIA	01	9	02	3	2	5	8	23.5	14.0	49	03	0
	150	FOUAD (Airport)	02	8	32	3	2	8	6	23.7	16	49	05	0
	159	DAMIETTA	02	7	28	2	2	10	6	21.9	14.9	59	07	0
	161	PORT SA'ÎD	02	8	02	4	1	8	8	22	15	59	07	0
	135	EL 'ARÎSH	60	8	28	1	5	8	7	21.4	14.8	75	11	6
LOWER EGYPT	136	DAMANHÛR	02	7	04	3	2	8	8	23.9	16.0	50	05	0
	137	MANSÛRA	01	8	32	2	1	5	6	22.8	16.2	51	06	0
	138	TANTA	01	8	28	3	1	5	8	23.3	17.0	48	06	0
	139	ZAGAZIG	01	6	00	0	1	8	8	23.3	17.0	50	06	0
		SHIBÎN EL KÔM	01	8	30	3	1	5	9	23.1	17.6	49	07	0
		ISMAILÎA	01	6	32	3	1	5	6	22.4	17.0	34	01	0
CAIRO AREA	928	FAROUK (Airport)	01	8	04	4	0	5	6	23	16	50	06	0
	141	ALMÂZA	01	8	02	3	1	5	8	22.5	17.3	75	02	0
		EZBEKÎYA	02	8	32	3	2	9	8	22.7	16.0	46	04	0
		GÎZA	02	8	32	3	2	9	8	22.8	16.2	40	03	0
	143	HELWÂN	01	8	32	5	1	5	8	22.3	15.2	35	00	0
UPPER EGYPT	153	FAIYÛM	00	8	32	2	0	0	–	22.3	15.7	40	03	0
		BENI SUEF	00	9	02	2	0	0	–	21.9	16.9	42	04	0
	162	MINYA	00	7	01	5	0	0	–	22	16	45	04	0
	155	ASYÛT	00	8	26	1	0	0	–	21.0	16.2	40	03	0
	164	NAG HAMMÂDI	00	8	24	2	0	0	–	21.5	18.7	46	07	0
	156	QENA	00	9	22	3	0	0	–	19.5	19.3	42	06	0
	157	LUXOR	00	8	30	3	0	0	–	20	20	24	-1	0
	158	ASWÂN	00	9	32	2	0	0	–	17.2	22.5	22	00	0
OASES	148	SIWA	00	8	00	0	0	0	–	25.0	16.8	13	10	0
	149	BAHARÎYA	00	8	04	1	0	0	–	23.1	15.0	58	07	0
		FARAFRA												
	152	DAKHLA	00	9	32	2	0	0	–	21.2	18.6	57	10	0
	151	KHARGA	00	8	32	1	0	0		21.2	18.0	39	04	0
RED SEA	144	SUEZ	01	8	32	3	1	5	8	20.0	16.1	41	03	0
	145	TÔR	00	7	28	5	0	0	–	18.7	17.5	62	10	0
	163	HURGHÂDA	00	9	30	5	0	[illegible]	8	19	17	52	07	0
	147	QUSEIR	00	8	32	5	0	0	–	18.3	19.0	49	08	0
	208	PORT SÛDAN	00	8	02	5	0	[illegible]		13	26	58	17	0
NORTH SUDAN	165	WADI HALFA												
	166	KAREIMA												
	167	'ATBARA												
	209	KHARTÛM												
	170	KASSALA												
CENTRAL SUDAN	171	WAD MEDANI												
	182	RENK												
	172	ROSEIRES												
	174	EL OBEID												
	175	EL FASHER												
	179	GENEINA												
SOUTH SUDAN	176	MALAKÂL												
	177	WAU												
	178	JUBA												

At 1800 on 30th

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Press. M.S.L. mbs. PPP	Temp. °C TT	Humidity % UU	Dew Point °C.	Rain 12-18 G.M.T. mms
SIDI BARÂNI												
MATRÛH	01	7	04	3	1	3	6	25	12	63	05	0
EL DABA	02	6	02	4	2	8	8		13.2	64	06	0
ALEXANDRIA	02	5	08	2	2	9	6	25.1	13.0	49	02	0
FOUAD (Airport)	02	7	02	2	2	8	6	25.1	13	55	04	0
DAMIETTA	03		30	2	2	10	6	23.9	12.5	72	08	0
PORT SA'ÎD	01	7	05	3	1	3	6	24	14	59	06	0
EL 'ARÎSH	00	7	30		1	7	1		13.4	45	01	0
DAMANHÛR	00	6	04	3	1	0	–	24.7	11.2	63	04	0
MANSÛRA	01	5	04	2	1	5	6	24.4	12.2	72	07	0
TANTA	01	8	00	0	1	5	8	25.2	12.0	66	06	0
ZAGAZIG	00	6	00	0	0	0	–	24.6	11.3	84	08	0
SHIBÎN EL KÔM	01	7	28	2	1	3	6	23.5	13.6	74	09	0
ISMAILÎA	01	6	06	1	1	5	6	24.0	12.5	68	07	0
FAROUK (Airport)	02	7	32	2	2	8	6	24	12	66	06	0
ALMÂZA	01	7	32	3	2	7	6	24.5	12.3	65	08	0
EZBEKÎYA	00	7	00	0	0	0	–	24.4	12.5	67	06	0
GÎZA	00	7	00	0	0	0	–	24.0	11.9	63	05	0
HELWÂN	00	8	30	3	0	0	–	24.8	12.1	65	05	0
FAIYÛM	02	8	00	0	2	8	6	23.8	11.7	63	05	0
BENI SUEF	00	9	02	1	0	0	–	23.6	11.2	69	05	0
MINYA	00	7	32	2	0	0	–	23	9	62	02	0
ASYÛT	00	6	28	1	0	0	–	22.0	10.9	60	04	0
NAG HAMMÂDI	00	8	28	1	0	0	–	19.6	12.4	58	04	0
QENA	00	6	22	3	0	0	–	20.2	12.3	64	05	0
LUXOR	00	7	27	1	0	0	–	20	15	34	-1	0
ASWÂN	00	9	32	2	0	0	–	19.4	19.0	23	-3	0
SIWA	00	6	00	0	0	0	–	24.8	15.2	50	05	0
BAHARÎYA	00	7	32	1	0	0	–	24.3	11.0	63	04	0
FARAFRA	0											
DAKHLA	00	8	28	1	0	0	–	22.5	14.4	62	07	0
KHARGA	00	7	02	2	0	0	–	22.4	13.9	45	02	0
SUEZ	00	6	32	2	0	0	–	22.7	13.2	66	07	0
TÔR	00	7	28	3	0	0	–		15.5	54	06	0
HURGHÂDA	00	8	26	2	0	0	–	20	13	59	05	0
QUSEIR	00	8	28	5	0	0	–	19.4	18.0	53	08	0

At 0600 on FRIDAY 31st

Station	Present Weather ww	Visibility V	Wind Direction DD	Wind Force F	Past Weather W	Cloud Amount 0-10	Cloud Form C	Bar. Pressure M.S.L. mbs. PPP	Diff. from normal mbs.	Dry Bulb TT	Max. Yesterday TxTx	Diff. from norm.	Min. Today TnTn	Diff. from norm.	Humidity % UU	Dew Point °C.	Rainfall Past 24 hrs	Total From Oct. 1	Norm. From Oct. 1	Area
SÎDI BARÂNI																		157		MEDITERRANEAN
MATRÛH											15							121		
EL DABA'	02	7	16	1	2	8	8	26.2		12.3	15		11		68	06	0	94		
ALEXANDRIA	02	8	12	2	2	8	6	26.2	+7.3	13.0	16	-3	12	+1	59	05	0	140	96	
FOUAD (Airport)	03	7	23	1	2	10	6	25.7		13	16		10		72	08	0	119		
DAMIETTA	02		22	2	2	10	6	25.4	+7.4	12.7	16		9		81	10	0	59	39	
PORT SA'ÎD	02	7	06	3	2	10	6	25		14	17		13		55	05	0	17		
EL 'ARÎSH	02	8	11	1	2	9	8,4	25.1		9.8					85	07	tr	32	33	
DAMANHÛR	02	5	28	2	2	10	5	25.0	+6.4	11.0	17	-3	9	+1	81	08	0	26	36	LOWER EGYPT
MANSÛRA	02	7	04	1	2	8	6	25.8	+7.2	12.0	18	-2	10	+2	76	08	0	12	15	
TANTA	02	8	00	0	1	8	8	26.3	+7.2	13.0	17	-4	7	0	74	09	0	9	13	
ZAGAZIG	02	6	00	0	1	8	8	25.2	+6.0	11.2	19	-1	8	+1	84	08	0	3	9	
SHIBÎN EL KÔM	01	7	28	2	1	3	8	25.2	+6.0	10.1	19		8		72	05	0	4		
ISMAILÎA	03	5	16	1	2	10	7	25.6		12.0	18		9		74	08	0	5		
FAROUK (Airport)	05	6	00	0	1	8	6	25		10	17		8		76	06	0	dw		CAIRO AREA
ALMÂZA	01	7	04	1	2	5	6	25.8	+6.4	11	17		8		65	06	0	2		
EZBEKÎYA	01	7	32	1	0	3	4	26.0	+6.6	9.2	17	-3	8	0	84	06	0	6	8	
GÎZA	01	7	32	1	0	3	4	25.8	+6.3	9.0	17	-2	6	0	78	05	0	12	9	
HELWÂN	05	6	02	2	0	[illegible]	4	25.8	+6.2	10.0	16	-3	9	0	63	03	0	6	8	
FAIYÛM	02	8	00	0	2	8	6	25.8	+6.4	10.4	17	-4	6	-1	65	04	0	[illegible]	2	UPPER EGYPT
BENI SUEF	00	9	02	1	0	0	–	26.0		9.2	17		4		83	06	0	[illegible]		
MINYA	00	7	00	0	0	[illegible]	1	25		4	17		2		87	02	0	4		
ASYÛT	00	7	26	1	0	0	–	24.6	+4.4	7.5	18	-2	3	-3	73	03	0	0	3	
NAG' HAMMÂDI	00	8	28	1	0	0	–	23.8	+4.1	7.5	20		4		74	04	0	0		
QENA	00	7	24	2	0	0	–	24.2	+5.2	8.6	20	-3	4	-3	76	05	0	dw		
LUXOR	00	8	00	0	0	0	–	24		8	21		7		58	00	0	dw		
ASWÂN	00	9	32	2	0	0	–	22.8	+3.8	10.0	23	-1	9	-2	70	05	0	dw		
SIWA	00	7	00	0	0	0	–	26.0	+5.3	6.5	19	-1	2	-2	64	00	0	0	4	OASES
BAHARIYA	01	8	32	1	1	3	5	26.4	+6.2	6.0	19	-1	2	-3	70	01	0	dw	4	
FARAFRA																	0	dw		
DAKHLA	00	8	28	2	0	0	–	25.3	+4.7	6.2	20	-2	4	-1	78	02	0	dw		
KHARGA	00	8	00	0	0	0	–	24.6	+5.3	9.3	19	-4	6	-1	61	02	0	0		
SUEZ	00	7	00	0	0	0	–	24.7	+5.9	10.1	13	-3	6	-4	71	05	0	12	8	RED SEA
TOR	00	9	32	1	0	0	–	22.6	+4.6	9.1	18	-3	6	-3	66	03	0	0	6	
HURGHADA	01	9	24	2	0	3	8	23		11	17		7		63	04	0	dw		
QUSEIR	01	8	28	5	1	5	6	21.8	+4.2	14.0	19	-4	13	-2	53	04	0	0	4	
PORT SUDAN	00	8	30	5	0	2	8,4	17		21					61	13	0	33	84	
WÂDI HALFA																	0	0		NORTH SUDAN
KAREIMA																	0	3	1	
'ATBARA	00	7	32	2	0	0	–	17		16			13		34	00	0	7	2	
KHARTÛM	00	8	02	3	0	0	–	16		17			15		28	-2	0	10	4	
KASSALA	00	8	02	2	0	1	1	13		22			17				0	2	8	
WAD MEDANI	00	9	04	3	0	0	–	15		18					30	00	0	11	12	CENTRAL SUDAN
RENK	01	8	04	4	1	7											0	0	49	
ROSEIRES																	0	2	36	
EL OBEID	00	8	02	3	0	0	–	15		17					19	-7	0	0	16	
EL FASHER	00	8	27	1	0	1	2			11			7		41	-2	0	0	6	
GENEINA	00	8	04	4	0	0	–			17			13		24	-4	0		4	
MALAKAL																	0	19	88	SOUTH SUDAN
WAU																	0	261	143	
JUBA																	0	129	143	

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

HUMIDITY

Mean of day

Station	on 30th	Diff. from normal
Alexandria	45	-21
Ezbekiya	65	-41
Giza	62	-12
Helwan	62	+4

GIZA

Grass minimum temp. on 31st 1.4

Remarks

UPPER AIR OBSERVATIONS on 30th

DD Direction of wind in degrees East of North. VV Velocity in knots.

ALMAZA — Aeroplane ascent

Height feet	Pressure	R.H.	Dry °C	Wet °C
Surface				
500				
1000				
1500				
2000				
4000				
6000				
8000				
10000				
12000				
14000				
16000				
18000				
20000				

FAROUK AIRPORT — Rawinsonde, on 31st at 3

Pressure mbs	Height feet	Temp. °C	Humidity %	Wind DD	Wind VV
Surface 1016		10	65	330	3
1000	660	10	65	330	3
950					
900	3500	3	75	50	17
850	5010	-2	45	20	17
800	6630	4	–	360	10
700	10160	1	–	360	26
600	14110	-11	–	310	34
500					
400					
300					
250					
200					
150					
100					

Station	MATRUH		FOUAD A.P.		PORT SAID		MINYA	
Time	13 45		14 45		14		14 30	
Height m	DD	VV	DD	VV	DD	VV	DD	VV
200	350	10	350	12	30	14	350	19
500	350	10	340	15	20	9	360	16
1000	350	11	350	13	350	10	20	17
1500	20	11	330	16	340	11	330	20
2000	ENT. Sc.		ENT. Sc.		360	20		
3000								
4000								
5000								
6000								
7000								
8000								

UPPER AIR OBSERVATIONS on 31st

DD Direction of wind in degrees East of North. VV Velocity in knots.

Station	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SA'ID		FAROUK AIRPORT		ALMAZA		HELWAN		MINYA		ASYUT		LUXOR		ASWAN		SIWA	
Time					3 30		4		3		8 30				3								5	
Height m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200					220	9	50	10	40	10	50	5			20	20							70	16
500					220	9	50	10	50	11	40	8			20	23							80	13
1000					230	8	ENT. Sc.		40	13	40	9			20	25							90	12
1500					240	2			10	15	30	7			20	14							40	9
2000									360	16	30	6			340	4							20	2
3000									340	21	350	8											10	10
4000											340	9											300	17
5000											310	10											310	26
6000									320	45														
7000																								
8000																								

Station	BAHARIYA		DAKHLA		KHARGA		HURGHADA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
Time	5		5		6 30		9 30				4		5		4									
Height m	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV	DD	VV
200	50	16	40	14	10	17	330	8																
500	50	16	40	17	20	28	330	6			20	42			30	25								
1000	60	14	30	18	10	29	330	3			20	29	40	33	40	30								
1500	60	9	20	23			350	5			10	23	40	31	20	30								
2000	20	10	30	27							330	12	40	21	20	15								
3000	360	13									20	13	20	17										
4000	340	22									350	6												
5000	360	28																						
6000																								
7000																								
8000																								

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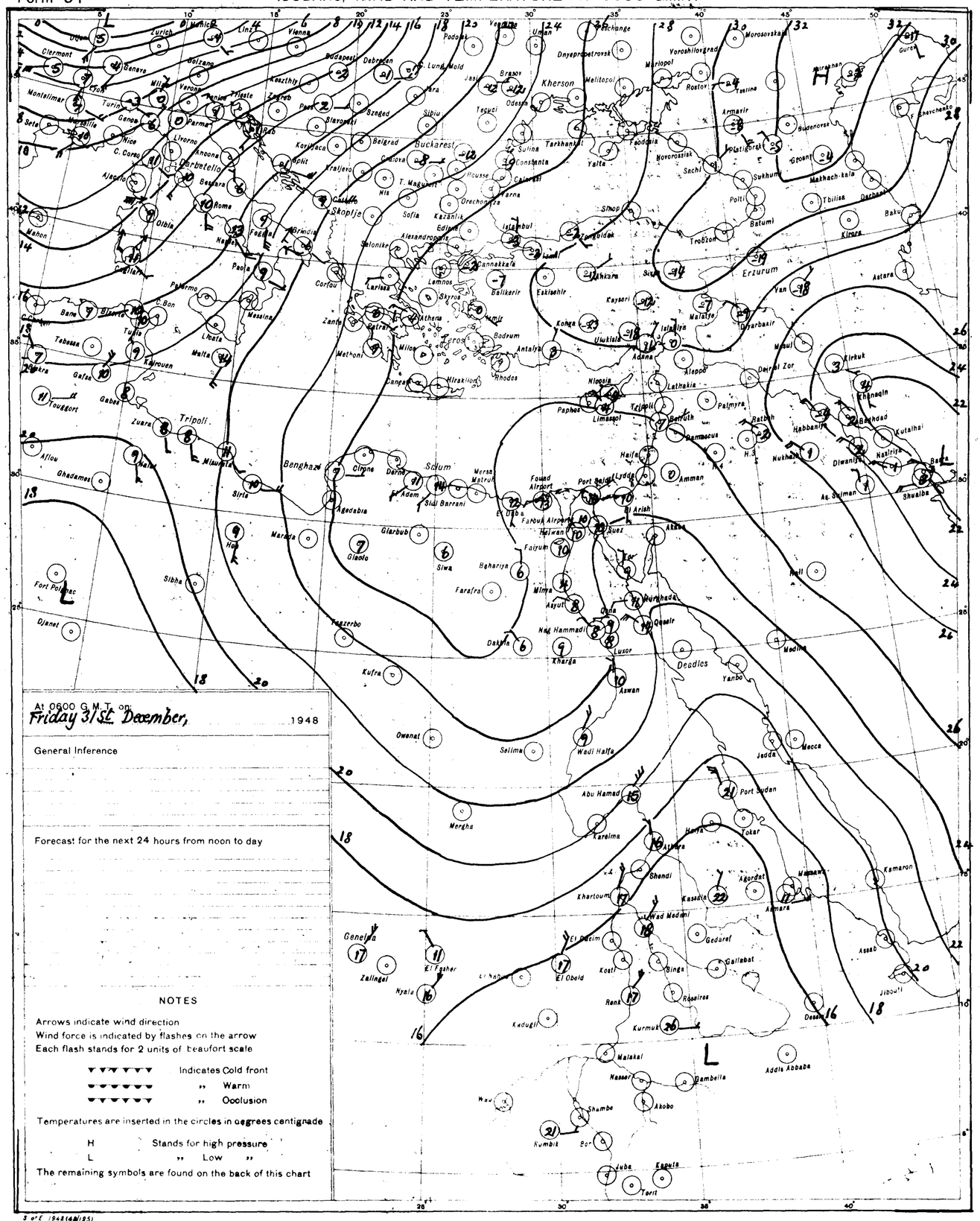
Note: All times G.M.T.

Form 91

ISOBARS, WIND AND TEMPERATURE AT 0600 G.M.T.



At 0600 G.M.T. on *Friday 31st December,* 1948

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind force is indicated by flashes on the arrow
Each flash stands for 2 units of Beaufort scale

Indicates Cold front
,, Warm
,, Occlusion

Temperatures are inserted in the circles in degrees centigrade

H Stands for high pressure
L ,, Low ,,

The remaining symbols are found on the back of this chart

3 of E (948(44)/95)

SCALE 1 15,000,000

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WEATHER BUREAU