MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

Com. 12 — 1417 P.O.

DAILY WEATHER REPORT

QC 991 .E3 D3 1946 (Jul.-Dec.)

Time of Sunrise [illegible] h. m. — Sunset 19 00

Month July 1946 — شهر يوليه ١٩٤٦

STATION	At 14h. on الساعة ١٤ بوم الاثنين ١ — Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 h. mms	At 20h. on Monday 1st الساعة ٢٠ يوم الاثنين ١ — Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20 h. mms	Station Number
Mediterranean																							
SALÛM																							130
MATRÛH	00	9	24	4	0	0	—	10.6	27.3	68	0	00	8	30	3	0	0	—	9.8	24.6	63	0	131
MARIUT	01	8	29	3	0	3	6	9	28	70	0												150
ALEXANDRIA	02	8	32	2	2	5	4	8.8	28.0	72	0	01	6	04	2	2	3	4	8.8	25.6	85	0	132
DAMIETTA	00	8	30	3	0	0	—	7.6	29.0	74	0	00	7	30	3	0	0	—	7.0	26.4	93	0	159
PORT SAʿÎD	00	8	30	3	0	0	—	7.6	30.0	63	0	01	8	30	2	0	3	2	7.6	25.6	90	0	134
EL ʿARÎSH	00	9	32	1	0	0	—	8.3	27.3	58	0	00	9	28	1	0	0	—	6.7	26.6	74	0	135
Lower Egypt																							
DAMANHÛR	00	7	04	4	0	0	—	8.6	31.8	57	0	00	7	04	2	0	0	—	8.2	25.0	66	0	136
MANSÛRA	00	8	04	2	1	0	—	6.7	35.0	42	0	00	8	02	2	0	0	—	7.2	27.3	76	0	137
TANTA	00	8	32	2	0	0	—	7.9	35.1	39	0	00	8	28	2	0	0	—	8.3	28.0	66	0	138
ZAGAZIG	00	6	30	1	0	0	—	6.4	34.2	37	0	00	6	32	2	0	0	—	6.3	28.6	72	0	139
SHEBÎN EL KÔM	00	8	30	3	0	0	—	6.8	35.8	33	0	00	7	02	2	0	0	—	6.3	29.0	57	0	—
Middle Egypt																							
Cairo ALMÂZA	00	8	06	3	0	0	—	6.8	34.6	26	0	00	7	02	3	0	0	—	6.1	31.3	47	0	141
Cairo EZBEKÎYA	00	8	02	3	0	0	—	6.8	34.0	36	0	00	7	04	2	0	0	—	6.6	31.0	50	0	—
Cairo GÎZA	00	8	02	1	0	0	—	6.0	34.2	30	0	00	8	02	1	0	0	—	5.5	30.3	51	0	—
HELWAN	00	8	02	3	0	0	—	5.9	34.8	17	0	00	7	32	5	0	0	—	5.9	31.5	45	0	145
SUEZ	00	9	32	2	0	0	—	7.1	33.3	30	0	00	9	32	2	0	0	—	7.5	27.8	57	0	144
Upper Egypt																							
FAYÛM	00	8	02	3	0	0	—	6.2	34.8	17	0	00	8	32	1	0	0	—	5.4	32.0	30	0	153
MINYA	00	9	32	3	0	0	—	5.8	33.8	27	0	00	8	30	1	0	0	—	5.2	29.4	33	0	154
ASYÛT	00	8	26	1	0	0	—	6.8	33.2	29	0	00	6	28	1	0	0	—	5.6	29.1	30	0	155
NAG HAMADI	00	8	24	1	0	0	—	4.7	34.2	39	0	00	8	00	0	0	0	—	4.3	28.4	51	0	164
QENA	00	9	22	2	0	0	—	3.8	38.6	25	0	00	6	22	3	0	0	—	3.0	31.4	31	0	156
LUXOR	00	7	14	2	0	0	—	4.2	39.0	24	0	01	6	22	2	1	3	1	3.4	33.2	29	0	157
ASWÂN	01	9	28	1	1	4	1	3.1	39.7	13	0	00	9	00	0	0	4	—	2.8	37.5	14	0	158
Western Desert																							
SÎWA	00	8	00	0	0	0	—	12.2	37.0	43	0	00	—	28	2	0	0	—	10.0	33.2	62	0	148
BAHARÎYA	00	9	32	1	0	0	—	—	34.0	31	0	00	—	32	1	0	0	—	—	26.0	55	0	149
KHÂRGA	00	9	32	3	0	0	—	7.4	33.6	23	0	00	7	32	1	0	0	—	5.0	31.7	21	0	151
DÂKHLA	00	9	28	3	0	0	—	7.9	33.5	36	0	00	7	28	2	0	0	—	5.9	28.4	38	0	152
Red Sea																							
TÔR	00	7	28	4	0	0	—	5.1	27.8	71	0	00	7	28	3	0	0	—	—	27.1	68	0	145
HURGHÂDA	00	8	02	3	0	0	—	5.4	30.4	49	0	00	8	28	2	0	0	—	5.0	28.9	42	0	146
QUSEIR	00	8	02	2	0	0	—	4.2	31.4	57	0	00	8	02	1	0	0	—	4.0	29.2	50	0	147
PORT SÛDÂN																							[illegible]
North Sûdân																							
WÂDI HALFA	01	8	26	3	1	5	2	4	39	13													165
KAREIMA	02	8	24	2	1	5	2	4	39	10													166
ATBARA	02	8	20	3	1	5	4,1	2	41	10													167
KHARTÛM	02	8	26	3	2	6	8,4	5	38	15													[illegible]
KASSALA	02	8	22	2	1	5	8	5	34	36													170
Central Sûdân																							
WAD MEDANI	02	9	18	4	1	7	8	5	35	30													171
RENK	01	9	22	3	2	5	8	9	32	46													182
ROSEIRES	02	8	20	1	2	6	5	—	27	70													172
EL OBEID	93	7	24	1	9	8	8,5	9	25	70													174
EL FÂSHER	02	9	12	2	1	5	8,4	—	34	27													175
GENEINA	01	8	28	2	0	4	8	—	33	32													179
KADUGLI	02	8	12	4	1	5	9	9	32	50													187
S. Sûdân																							
MALAKÂL	02	8	12	4	8	8	4,5	12	25	79													176
WÂU	02	8	22	1	1	6	8	9	29	59													177
JUBA	61	8	00	0	6	8	9	13	23	89													178

At 8h. on TUESDAY 2nd — الساعة ٨ يوم الثلاثاء ٢

STATION	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Mediterranean																		
SALÛM												—		—				99
MATRÛH	00	9	28	4	0	0	—	9.8	-1.4	24.5	27	0	22	+2	64	0	101	161
MARIUT	00	7	30	1	0	0	—	8	—	27		—	23	—	70	0	187	138
ALEXANDRIA	00	9	32	1	0	0	—	8.7	-2.0	26.7	30	+1	23	+1	72	0	170	186
DAMIETTA	00	8	30	3	0	0	—	7.2	-2.5	28.2	31	—	24	—	69	0	81	106
PORT SAʿÎD	00	8	30	3	0	0	—	7.1	-2.3	28.2	30	0	24	+1	67	0	71	81
EL ʿARÎSH	00	9	24	1	0	0	—	7.0	-2.6	29.2	29	0	18	-1	69	0	—	94
Lower Egypt																		
DAMANHÛR	00	6	08	3	0	0	—	7.8	-2.1	27.3	33	0	21	+2	69	0	92	101
MANSÛRA	00	8	02	1	0	0	—	7.5	-2.5	28.0	36	+1	22	+2	65	0	66	55
TANTA	00	8	32	1	0	0	—	8.3	-1.9	27.2	36	+1	20	+2	69	0	107	44
ZAGAZIG	00	6	24	2	6	0	—	7.6	-2.7	29.4	36	+1	22	+3	59	0	24	27
SHEBÎN EL KÔM	00	7	28	1	4	0	—	7.4	-3.2	28.2	37	—	21	—	71	0	36	—
Middle Egypt																		
Cairo ALMAZA	00	7	30	1	1	2	6	7.4	-2.9	26.8	36	—	23	—	73	0	10	—
Cairo EZBEKÎYA	05	6	06	1	0	3	8	7.8	-2.5	26.9	36	0	23	+2	74	0	22	26
Cairo GÎZA	01	6	02	1	0	3	8	7.4	-2.8	27.0	36	+1	22	+3	74	0	41	27
HELWÂN	00	7	32	2	0	1	8	7.4	-2.7	26.2	36	+1	22	+1	67	0	20	29
SUEZ	00	9	32	2	0	0	—	7.9	-1.4	26.6	35	-1	22	0	68	0	—	17
Upper Egypt																		
FAYÛM	00	8	32	3	0	0	—	7.2	-2.7	27.3	36	0	23	+3	62	0	13	8
MINYA	00	9	32	3	0	0	—	7.2	-2.0	28.6	35	-1	23	+2	52	0	dr.	—
ASYÛT	00	7	26	1	0	0	—	6.4	-2.7	28.0	35	-2	22	0	53	0	0	4
NAG HAMADI	00	8	00	0	0	0	—	4.8	-3.1	28.0	35	—	18		48	0	1	—
QENA	01	8	26	2	0	3	1	4.6	-2.7	27.6	41	0	22	-2	37	0	13	—
LUXOR	01	7	30	2	1	4	1	4.7	-2.9	32.2	41	0	21	-1	30	0	0	
ASWÂN	01	9	00	0	1	4	1	4.8	-2.8	30.6	41	-1	26	0	32	0	dr.	
Western Desert																		
SÎWA	00	7	00	0	0	0	—	10.8	-1.9	25.0	34	0	21	+1	76	0	5	8
BAHARÎYA	00	9	00	0	0	0	—	9.5	-1.2	27.2	34	0	20	0	55	0	0	7
KHÂRGA	00	9	20	1	0	0	—	8.2	-0.1	25.7	35	-4	20	-3	44	0	1	
DÂKHLA	00	8	14	1	0	0	—	8.3	-2.8	21.8	35	-4	22	-1	52	0	0	—
Red Sea																		
TÔR	00	7	28	3	0	0	—	4.2	-2.6	27.3	35	+1	23	-1	71	0	0	13
HURGHÂDA	00	8	32	3	0	0	—	4.5	-1.6	29.1	33	-1	23	-1	47	0	1	3
QUSEIR	01	8	30	2	0	4	1	3.8	-3.2	31.8	33	0	25	-1	44	0	11	4
PORT SÛDÂN	18	6	20	5	1	4	3	3		38					15	0	35	97
North Sûdân																		
WÂDI HALFA	01	8	00	0	1	4	1	6		29					23	0	tr.	—
KAREIMA	00	8	30	2	0	2	1	7		31					19	0	7	2
ATBARA	01	8	20	3	1	4	4	7		31					21	0	8	9
KHARTÛM	02	8	20	4	2	5	4	9		28					37	0	8	17
KASSALA																0	91	56
Central Sûdân																		
WAD MEDANI	01	9	16	4	1	4	2	9		27					70	0	44	60
RENK														—		—	—	174
ROSEIRES	02	8	16	3	2	5	8	13		24					64	0	341	249
EL OBEID	02	9	18	2	1	6	4,5	11		23					84	2	106	74
EL FÂSHER								—	—							0	50	36
GENEINA								—	—			—		—		—	—	85
KADUGLI	02	8	12	3	1	6	4	10		25		—		—	79	—	—	315
S. Sûdân																		
MALAKÂL	01	8	12	2	1	3	4	12		25					84	tr.	327	338
WÂU	02	8	00	0	1	8	4,5	13		23					89	0	295	547
JUBA	61	9	12	3	0	4	4	13		23					94	tr.	715	613

UPPER WINDS ON 1st (الرياح العليا يوم ١)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

MATRÛH 13h 15m.	MARIUT 13h 30m.	PORT SAʿÎD h. m.	ALMÂZA h. m.	MINYA 13h. m.	LUXOR h. m.	HURGHÂDA 13h. m.	WÂDI HALFA 13h 15m.	KAREIMA 11h 30m.	KHARTÛM 13h. m.	KASSALA 13h. m.	EL OBEID h. m.	MALAKAL 13h 30m.	JUBA h. m.
03 32 20	03 33 25			03 36 05		03 34 55	09 31 15	09 34 20	09 23 10	09 22 35		09 17 20	
06 28 30	06 35 15			06 35 15		06 31 25	15 27 25	15 35 15	15 28 10	15 29 25		15 19 25	
09 26 10	09 01 20			09 36 20		09 28 30	21 20 15	21 19 20	21 28 05	21 24 35		21 22 15	
15 25 30	12 01 30			12 36 20		12 27 25	27 19 25	27 22 20	24 25 10	27 29 20		27 19 15	
21 31 30				15 35 25		15 27 40	33 20 20	33 21 15	30 25 10			33 20 05	
27 29 25				21 33 20		18 26 30	39 12 15	39 19 10	39 26 10			39 06 05	
30 29 20				30 02 15									
				45 36 05									
				51 03 15									

UPPER WINDS ON 2nd (الرياح العليا يوم ٢)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

MATRÛH 6h 30m.	MARIUT 6h 45m.	PORT SAʿÎD 6h 30m.	HELWÂN 9h. m.	MINYA 6h 30m.	ASYÛT 7h. m.	LUXOR 6h 15m.	ASWÂN 7h. m.	WÂDI HALFA 7h 15m.	ABU HAMAD 7h. m.	KAREIMA — h. m.	KHARTÛM 7h. m.
03 33 35	03 02 30	03 04 25	02 01 10	03 36 50	02 36 15	03 06 05	02 22 05	12 31 25	09 35 20	09 27 20	09 23 30
06 35 35	06 02 25	06 05 45	05 05 15	06 03 50	05 01 20	06 04 05	05 35 05	15 30 20	15 27 10	15 27 25	15 29 05
09 34 35	09 01 20	09 05 35	08 03 25	09 02 40	10 34 25	09 08 05	10 22 15	21 31 30	21 21 25	18 25 20	18 33 05
15 34 35	12 35 30	12 06 25	10 03 35	12 02 40	15 34 30	12 06 10	15 23 35	24 34 50	27 19 40	21 25 20	21 30 15
21 35 30	15 33 35	15 05 20	15 04 35	15 02 40		15 23 15			33 20 45	24 24 35	24 29 15
27 35 40	18 02 20	18 08 25	20 05 30	18 02 40					39 19 30	27 24 40	27 28 10
30 35 50	21 01 20	30 06 30	23 06 30	21 02 35						30 23 45	30 26 20
39 33 80	24 02 20	45 03 20	25 03 30	24 32 15							39 20 20
45 33 95	30 01 05	51 36 15	27 03 25	30 34 20							

KASSALA h. m.	PORT SÛDÂN 7h. m.	EL OBEID 7h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL 7h. m.
	09 28 15	09 21 30			09 17 20
	15 29 40	15 22 15			15 23 15
	21 27 40	21 24 15			21 18 10
	27 26 40	27 01 05			27 21 05
		33 04 05			33 20 10
					39 20 15

10

CYPRUS SYNOPTIC 3h. ON 2nd

34700 00[illegible] 03200 01311 70901
[illegible] 00990 32200 07391 20801

UPPER AIR TEMP. ALMÂZA AT G.M.T. ON — HEIGHT FEET	P.P.P m.b.	TT °F	[illegible]
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

Remarks

Hours are Egyptian Standard time, long. 30 E. and are two hours fast on Greenwich mean time.

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STATION	Mean of day — Humidity % 1st	Diff. from normal	Wet bulb temp. °C 1st	Diff. from normal
Alexandria	80	+6	23.6	+1.3
Ezbekiya	52	-5	22.4	+0.6
Giza	53	-3	21.9	+1.0
Helwan	51	+6	20.6	+1.2

GIZA — GRASS MINIMUM TEMP. ON 2nd 20.6°C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON 2nd 26.3°C

Discharges at Aswan measured by sluices m³ per sec. — DATE	1946	1945
2-7	1852	1620
1-7	1852	1620

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser					
Malakâl				10.90	-0.21
J. Aulia Res.					
J. Aulia D.S					
Roseires	2	16.85	+2.62	15.82	+1.17
Sennar Res.	1			7.41	
Khartûm	2			11.39	-0.10
Kh. el Girba					
ʿAtbara		11.08	+0.26	11.04	+0.25
Kajnarti		132.79	-0.10	132.54	-0.28
Aswân Res.		106.94		107.44	
Aswân D.S		86.22	+0.03	86.60	+0.03
Roda (Cairo)		16.84	+0.94	16.84	+0.95

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 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 49
- Drizzle 50-59
- Rain 60-69
- Rain and Fog [illegible]
- Rain and Snow 68 69
- Snow 70-79
- Showers 80-89
- [illegible] Snow 83, 84
- [illegible]

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 AMOUNT (N)

- Clear 0
- Trace 1
- 1 Tenth 2
- 2, 3 Tenths 3
- 4, 5, 6 Tenths 4
- 7, 8 Tenths 5
- 9 Tenths 6
- Over 9 Tenths 7
- Overcast 8
- Fog or Dust 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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September 14, 1999

Ministry of Public Works — Physical Department

DAILY WEATHER REPORT

Time of Sunrise 04 h. 58 m. Sunset 19 h. 00 m.

Month JULY 1946 — ١٩٤٦ شهر يوليه

At 14h. on 2nd — V/C — الساعة ١٤ يوم | At 20h. on 2nd — V/C — الساعة ٢٠ يوم

	STATION	14h Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 8–14 h. mms	20h Present Weather	Visibility	Wind Dir.	Wind Force	Past Weather	Cloud Amount	Cloud Form	Bar Press M.S.L. 1000+ mbs.	Temp. °C	% Humidity	Rain 14–20 h. mms	Station Number
MEDITERRANEAN	SALÛM																							130
	MATRÛH	00	9	28	4	0	0	—	9.0	27.3	68	0	00	8	28	4	0	0	—	9.9	24.3	77	0	131
	MARIUT	00	7	28	3	0	0	—	8	28	70	0	00	7	29	2	0	0	—	7	25	79	0	150
	ALEXANDRIA	00	9	28	3	0	0	—	8.2	28.2	69	0	00	6	28	4	0	0	—	7.6	26.0	69	0	132
	DAMIETTA	00	8	30	3	0	0	—	6.8	29.0	—	0	00	7	30	3	1	2	1	6.2	25.8	93	0	159
	PORT SAʿÎD	00	8	30	3	0	0	—	6.6	30.3	59	0	00	8	28	3	0	0	—	6.3	26.1	78	0	134
	EL ʿARÎSH	00	9	28	2	0	0	—	5.8	28.8	73	0	00	9	28	1	0	0	—	7.2	27.2	87	0	135
LOWER EGYPT	DAMANHÛR	00	7	04	3	0	0	—	7.2	32.2	50	0	00	7	04	3	0	0	—	7.6	25.2	68	0	136
	MANSÛRA	00	8	32	2	0	0	—	6.6	35.2	27	0	00	6	32	2	0	0	—	7.0	27.6	71	0	137
	TANTA	00	8	32	2	0	0	—	6.2	35.0	28	0	00	8	00	0	0	0	—	7.1	26.4	69	0	138
	ZAGAZIG	00	6	24	2	0	0	—	6.4	35.8	25	0	00	6	32	2	0	0	—	6.6	28.4	60	0	139
	SHEBÎN EL KÔM	00	8	02	2	0	0	—	6.8	36.3	24	0	00	7	30	2	0	0	—	6.8	28.7	57	0	—
MIDDLE EGYPT	CAIRO ALMÂZA	00	8	04	2	0	0	—	6.3	34.8	28	0	00	7	02	2	0	0	—	6.0	30.0	48	0	141
	CAIRO EZBEKÎYA	00	9	32	3	0	0	—	6.0	34.8	31	0	00	7	30	4	0	0	—	5.8	30.0	47	0	—
	CAIRO GÎZA	00	7	32	1	0	0	—	5.1	35.0	28	0	00	8	02	1	0	0	—	—	30.5	46	0	—
	HELWÂN	00	7	02	3	0	0	—	5.0	34.9	22	0	00	6	32	5	0	0	—	5.5	30.7	38	0	143
	SUEZ	00	9	32	2	0	0	—	5.6	34.3	26	0	00	9	32	1	0	0	—	6.0	30.3	35	0	144
UPPER EGYPT	FAIYÛM	00	8	02	3	0	0	—	5.0	35.0	19	0	00	8	02	2	0	0	—	5.1	30.8	30	0	153
	MINYA	00	9	32	4	0	0	—	4.8	37.3	20	0	00	8	32	2	0	0	—	4.2	31.2	31	0	154
	ASYÛT	00	8	26	1	0	0	—	4.6	36.5	16	0	00	6	28	1	0	0	—	4.8	31.9	28	0	155
	NAGʿ HAMÂDI	00	8	00	0	0	0	—	3.2	36.7	30	0	00	8	00	0	0	0	—	3.4	30.3	40	0	164
	QENA	01	9	26	2	1	3	1	2.3	39.4	16	0	01	6	24	1	1	3	1	2.0	31.6	36	0	156
	LUXOR	01	7	26	2	1	3	—	2.3	41.0	16	0	00	6	26	2	0	0	—	2.3	33.0	30	0	157
	ASWÂN	01	9	24	2	1	5	—	2.6	38.0	15	0	00	9	20	1	0	0	—	3.2	34.0	14	0	158
WESTERN DESERT	SÎWA	00	8	22	3	0	0	—	9.9	37.0	39	0	00	—	00	0	0	0	—	8.6	33.0	61	0	148
	BAHARÎYA	00	9	32	1	0	0	—	—	35.0	32	0												149
	KHÂRGA	00	9	28	2	0	0	—	5.1	39.4	13	0	00	—	32	3	0	0	—	4.2	34.6	18	0	151
	DÂKHLA	00	9	04	3	0	0	—	5.5	35.2	34	0	00	7	32	2	0	0	—	6.6	28.7	36	0	152
RED SEA	TÔR	00	7	28	4	0	0	—	3.6	31.1	66	0	00	7	28	3	6?	0	—	2.8	29.1	65	0	145
	HURGHÂDA	00	8	32	3	0	0	—	—	31.4	33	0	00	8	32	2	0	0	—	—	28.4	46	0	146
	QUSEIR	01	8	04	1	1	4	1	3.2	32.0	54	0	00	8	28	1	0	0	—	3.8	28.8	57	0	147
	PORT SÛDÂN	06	9	18	3	1	3	3	2	45	06													208
NORTH SÛDÂN	WÂDI HALFA	01	8	20	3	1	4	2	3	39	12													165
	KAREIMA	00	8	22	4	0	2	1	4	39	09													166
	ATBARA	01	8	23	4	1	4	4	3	39	10													167
	KHARTÛM	01	8	18	4	1	3	8,4	5	37	20													209
	KASSALA	02	8	18	2	1	5	8	5	34	41													170
CENTRAL SÛDÂN	WAD MEDANI	02	8	12	4	1	5	8	5	36	31													171
	RENK	01	9	22	3	1	4	8	7?	33	53													182
	ROSEIRES	01	8	12	1	2	5	6	10?	29	70													172
	EL OBEID	10	9	20	3	1	5	9,4	7	31	49													174
	EL FASHER	02	9	18	4	1	5	8,4	—	32	47													175
	GENEINA	02	8	22	4	1	6	8,1	—	32	36													179
	KADUGLI	02	8	20	4	1	5	9	8	33	41													187
S. SÛDÂN	MALAKAL	10	8	16	3	1	4	9	7	32	55													176
	WAU	02	8	18	3	1	5	8,4	9	29	55													177
	JUBA	01	8	12	1	1	4	8,4	10	31	59													178

At 8h. on Wednesday 3rd — الساعة ٨ يوم الأربعاء ٣

	STATION	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Dry Bulb °C (TTT)	Maximum Yesterday °C	Max. Diff. from norm °C	Minimum Today °C	Min. Diff. from norm °C	% Humidity (UU)	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
MEDITERRANEAN	SALÛM												—		—				99
	MATRÛH	00	9	28	3	0	0	—	8.6	-2.5	25.2	28	+1	23	+2	77	0	101	161
	MARIUT	00	8	28	2	0	0	—	7	—	26	29	—	22	—	79	0	187	138
	ALEXANDRIA	00	9	30	2	0	0	—	7.6	-3.0	27.0	30	+1	23	+1	74	0	170	186
	DAMIETTA	00	8	30	1	0	0	—	6.7	-2.9	27.4	30	—	22	—	81	0	81	106
	PORT SAʿÎD	00	8	30	3	0	0	—	6.7	-2.5	27.4	31	+1	24	+1	74	0	71	81
	EL ʿARÎSH	00	9	28	1	0	0	—	6.6	-3.0	29.8	31	+2	23	+4	63	0	—	94
LOWER EGYPT	DAMANHÛR	00	6	32	3	0	0	—	7.2	-2.7	27.7	33	0	20	+1	72	0	92	101
	MANSÛRA	00	8	02	1	0	0	—	7.0	-2.8	27.5	36	+1	21	+1	74	0	66	55
	TANTA	00	8	24	1	0	0	—	7.6	-2.5	27.3	35	0	19	0	69	0	107	44
	ZAGAZIG	01	6	20	2	1	4	8	7.1	-3.1	26.2	36	+1	21	+2	75	0	24	27
	SHEBÎN EL KÔM	00	8	28	2	0	0	—	6.6	-3.9	26.4	37	—	20	—	73	0	36	—
MIDDLE EGYPT	CAIRO ALMAZA	05	6	04	1	1	1	6	6.9	-3.3	25.3	36	—	22	—	78	0	10	—
	CAIRO EZBEKÎYA	05	6	28	2	0	1	8	7.2	-3.0	25.0	36	0	23	+2	76	0	22	26
	CAIRO GÎZA	00	6	02	1	1	1	4	6.7	-3.6	25.0	36	+1	22	+3	80	0	41	27
	HELWÂN	05	6	32	1	1	0	—	6.8	-3.2	25.0	36	+1	21	0	72	0	20	29
	SUEZ	00	9	30	1	0	0	—	7.2	-2.0	27.0	37	+1	22	0	71	0	—	17
UPPER EGYPT	FAIYÛM	00	8	02	2	0	0	—	6.6	-3.3	27.0	36	0	22	+1	60	0	13	8
	MINYA	00	9	02	3	0	0	—	5.8?	-3.3	28.9	37	+1	22	+1	53	0	tr	—
	ASYÛT	00	7	28	2	0	0	—	6.2	-2.8	28.0	38	+1	22	0	51	0	0	4
	NAGʿ HAMÂDI	00	8	00	0	0	0	—	6.2	-1.7	29.0	39	—	20	—	46	0	1	—
	QENA	00	8	28	2	0	0	—	4.3	-2.0	28.0	42	+1	23	-1	45	0	13	—
	LUXOR	00	7	10	2	0	0	—	4.6	-3.0	34.5	42	+1	23	+1	27	0	0	—
	ASWÂN	00	7	00	0	0	0	—	4.8	-2.7	31.2	39	-3	27	+1	31	0	tr	—
WESTERN DESERT	SÎWA	00	7	00	0	0	0	—	10.2	-2.4	24.5	39	+1	20	0	74	0	5	8
	BAHARÎYA	00	9	00	0	0	0	—	—	—	27.0	37	+1	20	0	56	0	0	7
	KHÂRGA	00	9	04	1	0	0	—	7.5	-0.8	30.2	40	+1	20	-3	37	0	1	—
	DÂKHLA	00	8	28	1	0	0	—	7.6	-3.1	29.2	37	-2	22	-1	44	0	0	—
RED SEA	TÔR	00	7	28	3	0	0	—	4.7	-2.0	27.3	33	-1	22	-2	71	0	0	13
	HURGHÂDA	00	8	30	3	0	0	—	—	—	29.0	33	-1	24	0	46	0	1	3
	QUSEIR	00	8	32	1	0	0	—	3.9	-3.1	31.0	34	+1	26	0	53	0	11	4
	PORT SÛDÂN	00	9	00	0	0	0	—	4		43					21	0	35	97
NORTH SÛDÂN	WÂDI HALFA	00	8	24	1	1	3	1	6		30					22	0	tr	—
	KAREIMA	00	8	00	0	0	0	—	7		31					24	0	7	2
	ATBARA	00	8	20	2	1	2	4	7		33					32	0	8	9
	KHARTÛM	01	8	18	4	1	3	4,3	9		30					55	0	8	19
	KASSALA	01	8	18	3	1	4	4	9		30					55	0	91	59
CENTRAL SÛDÂN	WAD MEDANI	51	9	18	3	1	7	9	9		27					74	tr	44	64
	RENK	01	[illegible]	16	1	8	4	1	11		25		—		—	84	—	—	178
	ROSEIRES	02	8	16	1	2	5	8	—		25					84	0	341	255
	EL OBEID	01	9	16	3	1	4	4	10		26					70	0	106	77
	EL FÂSHER	00	9	30	1	0	2	4	—	—	25					79	7	57	38
	GENEINA	01	8	00	0	1	4	4	—	—	22		—		—	78	—	—	89
	KADUGLI	01	8	04	3	1	4	4	11		25		—		—	84	—	—	320
S. SÛDÂN	MALAKÂL	02	8	04	2	6	7	9,4	12		22					89	3	330	343
	WÂU	02	8	16	2	1	5	4	11		24					84	0	295	553
	JUBA	01	8	12	2	0	4	4	14		22					89	0	715	617

UPPER WINDS ON 2nd

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

MATRÛH 12 h. 30 m.	MARIUT 13 h. m.	PORT SAʿÎD 13 h. m.	ALMÂZA h. m.	MINYA 13 h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 12 h. 30 m.	KAREIMA 12 h. 30 m.	KHARTÛM 14 h. m.	KASSALA 13 h. m.	EL OBEID 12 h. 45 m.	MALAKAL 13 h. 15 m.	JUBA 13 h. 45 m.
03 31 30	03 32 40	03 02 05		03 35 25			09 20 30	09 25 25	09 23 20	06 23 20	09 21 15	09 21 25	09 23 05
06 32 30	06 32 50	06 33 20		06 36 40			15 20 30	15 25 30	15 25 15	15 24 30	15 22 10	15 21 15	15 26 05
09 32 25	09 01 25	09 36 20		09 36 40			21 18 20	21 25 30	21 25 20	21 27 25	21 25 05	21 20 15	21 25 10
15 32 20	15 01 20	15 01 35		15 01 60			27 17 35	24 27 20	24 25 20	27 27 20	27 24 15	27 20 15	27 27 15
21 03 15	21 06 15						33 12 20	30 27 20	30 24 15		30 24 20	33 13 05	33 28 10
30 03 10							36 07 25	39 36 05				39 04 10	
45 24 20													
60 25 30													
75 25 40													

UPPER WINDS ON 3rd (الرياح العليا يوم ٣)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH 6 h. m.	MARIUT 7 h. 30 m.	PORT SAʿÎD 6 h. 30 m.	HELWÂN 7 h. m.	MINYA 7 h. m.	ASYÛT 7 h. m.	LUXOR 7 h. 15 m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h. 15 m.	ABU HAMAD 7 h. m.	KAREIMA 7 h. 15 m.	KHARTÛM 6 h. 30 m.
03 30 20	03 36 30	09 34 15	02 36 10	03 01 50	02 34 15	09 26 15	05 36 20	09 34 15	09 29 15	09 33 15	09 23 30
06 01 25	06 31 25	15 36 15	05 04 15	06 03 35	05 36 25	15 24 05	10 33 35	15 31 10	15 24 15	15 24 10	15 26 35
09 36 30	09 32 10	21 34 15	08 02 30	09 02 35	10 34 25	21 20 15	15 27 15	21 29 10	21 24 35	21 25 30	21 35 25
12 01 15	15 36 05	30 02 15	10 02 30	12 35 30		30 20 25	20 26 15	27 27 10		27 21 40	24 24 15
15 01 25	21 01 05	36 32 15	15 03 25	15 33 25		39 30 15		33 22 35		33 20 35	30 23 10
21 02 20	24 02 05	42 34 20	20 09 05	18 32 30		42 27 05		39 21 15			
30 30 15	27 02 05	45 32 20	23 04 20	21 35 20		45 12 15					
45 22 20	30 01 10	48 31 25	25 06 20	24 33 20		51 11 15					
60 26 40		51 30 25	30 01 05	30 04 15		60 16 10					

KASSALA 7 h. m.	PORT SÛDÂN 7 h. m.	EL OBEID 7 h. m.	EL FÂSHER 7 h. m.	GENEINA 7 h. 15 m.	MALAKAL 7 h. 15 m.
09 21 35	09 28 20	09 22 20	09 21 10	09 23 10	09 05 05
15 28 50	15 27 40	15 22 20	15 19 15	15 26 05	15 30 15
21 25 25	21 25 40	21 07 10	21 19 20	21 21 05	21 25 05
27 22 15		27 05 15	27 27 05	27 11 10	27 25 10
		33 03 15	33 03 05	33 07 15	33 27 15
			39 04 10	39 05 10	

UPPER AIR TEMP. ALMÂZA AT 6 h. G.M.T. ON 3rd

HEIGHT feet	P.P.P. mb.	TT °F	
Surface	998	75	71
500	980	68	68
1000	962	66	65
1500	945	73	59
2000	928	74	56
4000	862	65	50
6000	800	56	45
8000	741	59	36
10000	686	57	33
12000	635	49	28
14000	586	43	28
16000	541	39	28

CYPRUS SYNOPTIC ON 3rd
34800 00950 30300 05301 20802 00210.
34700 00890 08100 04271 50002 00170.

REMARKS

Hours are Egyptian standard time, long. 30 E. and are two hours fast on Greenwich mean time.

Mean of day

STATION	Humidity on 2nd	Diff from normal	Air temp on 2nd	Diff from normal
Alexandria	68	-6	23.0	+0.6
Ezbekiya	57	0	22.7	+0.9
Giza	56	-1	22.6	+1.7
Helwân	49	+4	21.2	+1.6

Giza — GRASS MINIMUM TEMP on 3rd 20.0

CAIRO — WATER TEMP RIVER NILE on 3rd 26.4

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba				13.33	-0.21
Nasser				8.41	-0.22
Malakâl		10.92	-0.23	10.90	-0.23
J. Aulia Res.	7				
J. Aulia D.S					
Roseires		16.40	+1.77	16.85	+2.68
Sennar Res.				7.66	—
Khartûm				11.47	-0.08
Kh. el Girba				12.25	+0.38
Atbara		11.17	+0.31	11.08	+0.26
Kajnarti	3			132.79	-0.10
Aswân Res.		106.42	—	106.94	—
Aswân D.S		86.62	0.00	86.62	+0.03
Roda (Cairo)		16.54	+0.94	16.54	+0.94

Discharges at Aswan measured by sluices m³ per sec.	19..	1946	1945
	3-7	1852	1620
	2-7	1852	1620

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 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
- ... Snow 83, 84
- ... Sleet 85, 86
- ... Hail 88, 89
- Thunderstorm 90-99
- ...led, now Hail 91
- ... Hail 93-96
- ... Duststorm 98
- ... 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 AMOUNT (N)
- Clear 0
- Trace 1
- 1 Tenth 2
- 2, 3 Tenths 3
- 4, 5, 6 Tenths 4
- 7, 8 Tenths 5
- 9 Tenths 6
- Over 9 Tenths 7
- Overcast 8
- Fog or Dust 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.

ANNUAL SUBSCRIPTION P.T. 150

DAILY WEATHER REPORT

Time of Sunrise 04 h. 58 m.
Sunset 19 h. 00 m.

Month JULY 1946 — شهر يوليه ١٩٤٦

At 14h. on WEDNESDAY 3rd — الساعة ١٤ يوم ٣ — At 20h. on 3rd — الساعة ٢٠ يوم الأربعاء ٣

	STATION	14h PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 8-14 h. mms	20h PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 14-20 h. mms	STATION NUMBER
MEDITERRANEAN	SALÛM																							130
	MATRÛH	00	9	28	4	0	0	—	8.7	26.2	78	0	00	8	28	3	0	0	—	9.8	25.0	77	0	131
	MARIUT	00	7	29	3	0	2	8	7	28	70	0	00	7	29	2	0	0	—	7	25	74	0	150
	ALEXANDRIA	01	9	04	3	1	4	4	7.5	28.4	68	0	00	6	04	1	0	0	—	8.2	25.0	74	0	132
	DAMIETTA	00	8	30	2	0	0	—	6.4	30.0	70	0	00	7	30	2	0	0	—	6.3	25.0	96?	0	159
	PORT SAʿÎD	00	8	30	2	0	0	—	6.3	30.6	63	0	00	8	30	3	0	0	—	6.3	26.0	84	0	134
	EL ʿARÎSH	00	9	32	1	0	0	—	6.3	31.7	48	0	00	9	28	1	0	0	—	5.8	27.2	57	0	135
LOWER EGYPT	DAMANHÛR	00	7	32	4	0	0	—	6.7	32.3	38	0	00	7	32	2	0	0	—	6.7	24.0	68	0	136
	MANSÛRA	01	8	02	2	1	3	8	6.2	36.0	33	0	00	6	28	2	1	0	—	7.0	26.8	75	0	137
	TANTA	00	8	28	2	0	0	—	6.7	34.3	29	0	00	8	28	1	0	0	—	7.5	26.4	70	0	138
	ZAGAZIG	00	6	20	3	0	0	—	5.9	35.2	27	0	00	6	02	2	0	0	—	6.3	28.2	55	0	139
	SHEBÎN EL KÔM	00	8	04	2	0	0	—	5.6	35.8	25	0	00	7	02	2	0	0	—	6.6	27.9	60	0	—
MIDDLE EGYPT	CAIRO ALMÂZA	00	8	04	2	0	0	—	6.1	35.2	19	0	00	7	02	3	0	0	—	6.2	30.6	35	0	141
	CAIRO EZBEKÎYA	00	9	02	1	0	0	—	5.9	35.1	26	0	00	7	30	3	0	0	—	6.3	29.6	46	0	—
	CAIRO GÎZA	00	7	30	2	0	0	—	5.3	35.5	38	0	00	8	30	2	0	0	—	6.1	29.6	43	0	—
	HELWÂN	00	7	30	2	0	0	—	4.8	34.9	18	0	00	7	32	5	0	0	—	5.6	30.3	34	0	143
	SUEZ	00	9	32	1	0	0	—	5.8	35.0	22	0	00	9	32	2	0	0	—	6.4	30.3	29	0	144
UPPER EGYPT	FAIYÛM	00	8	30	2	0	0	—	4.8	35.5	19	0	00	8	32	4	0	0	—	5.4	31.7	33	0	153
	MINYA	00	9	32	3	0	0	—	4.2	37.7	18	0	00	8	30	1	0	0	—	5.1	30.6	33	0	[illegible]
	ASYÛT	00	8	26	1	0	0	—	5.0	36.0	17	0	00	6	28	1	0	0	—	5.8	31.2	25	0	155
	NAGʿ HAMÂDI	00	8	00	0	0	0	—	3.5	36.9	27	0	00	8	00	0	0	0	—	4.7	27.2	59	0	164
	QENA	00	9	24	2	0	0	—	2.3	40.0	22	0	00	6	30	3	0	0	—	3.4	34.3	26	0	156
	LUXOR	00	7	30	2	0	0	—	3.1	41.0	15	0	00	6	30	3	0	0	—	3.4	34.3	26	0	157
	ASWÂN	02	9	24	2	1	5	1	2.8	38.2	15	0	00	9	24	2	0	0	—	4.0	33.3	24	0	158
WESTERN DESERT	SÎWA	00	8	28	2	0	0	—	9.9	36.6	15	0	00	5	00	0	0	0	—	8.7	33.0	34	0	148
	BAHARÎYA	00	9	00	0	0	0	—	—	35.2	36	0												149
	KHÂRGA	00	9	28	2	0	0	—	—	38.4	13	0	00		30	2	0	0	—	5.6	34.4?	15	0	151
	DAKHLA	00	9	24	2	0	0	—	6.4	38.0	27	0	00	7	28	2	0	0	—	7.8	27.8	30	0	152
RED SEA	TÔR	00	7	28	4	0	0	—	3.6	31.1	72	0	00	7	28	3	0	0	—	6.6	31.5	72	0	145
	HURGHÂDA	00	8	04	4	0	0	—	—	31.6	49	0	00	8	04	1	0	0	—	—	29.2	47	0	146
	QUSEIR	00	8	04	1	0	0	—	3.8	32.0	54	0	00	8	14	1	0	0	—	3.9	28.0	71	0	147
	PORT SÛDÂN	00	8	04	3	0	3	4	2	38	37													208
NORTH SÛDÂN	WÂDI HALFA	00	8	28	3	0	3	1,2	4	40	11													165
	KAREIMA	00	8	20	2	0	0	—	5	39	13													166
	ʿATBARA	01	8	20	3	1	4	8	3	40	17													167
	KHARTÛM	01	8	20	4	2	4	9,4	4	37	25													209
	KASSALA	51	8	12	1	1	5	9,4,2	4	36	40													170
CENTRAL SÛDÂN	WAD MEDANI	01	8	16	3	1	4	8	5	36	31													171
	RENK	01	8	21	1	1	4	8	7	32	55													182
	ROSEIRES	01	8	18	2	1	5	9	7	32	83													172
	EL OBEID	02	9	00	0	1	6	8,4,1	6	34	32													174
	EL FÂSHER																							175
	GENEINA																							179
	KADUGLI																							187
S. SÛDÂN	MALAKAL																							176
	WÂU	01	8	24	2	1	4	8	8	31	78													177
	JUBA																							178

UPPER WINDS ON 3rd — الرياح العليا يوم ٣

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SAʿÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13 h. 15 m.	12 h. 30 m.	13 h. 15 m.	12 h. 45 m.	h. m.	h. m.	h. m.
							18 28 10	09 19 20	09 23 10	09 21 10			
							21 26 30	15 23 10	15 26 10	15 20 15			
							27 26 20	21 24 25	21 23 15	21 22 10			
							33 23 20	27 22 20		27 22 20			
							39 10 05	33 26 25					
								39 25 25					

Remarks

Hours are Egyptian standard time, long. 30 E. and are two hours fast on Greenwich mean time

STATION	Mean Humidity % on 3rd	Diff. from normal	Mean Temp. on 3rd	Diff. from normal
Alexandria	70	−4	23.1	+0.6
Ezbekiya	58	+1	21.7	−0.2
Gîza	58	+1	22.8	+1.8
Helwân	50	+5	20.3	+0.8
GÎZA	GRASS MINIMUM TEMP. on 4th 16.8°			
CAIRO	WATER TEMP. RIVER NILE on 4th 26.3°			

GAUGE	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser				8.46	−0.21
Malakâl		10.93	−0.24	10.92	−0.23
G. Aulia Res.					
G. Aulia D.S				—	—
Roseires	4	16.30	+1.75	16.10	+1.77
Sennar Res.				8.18	
Khartûm	4			11.50	−0.11
Kh. el Girba					
ʿAtbara		11.20	+0.29	11.17	+0.31
Kajnarti				133.18	+0.21
Aswân Res.		105.90		106.42	
Aswân D.S		86.62	−0.01	86.62	0.00
Roda (Cairo)		16.54	+0.94	16.54	+0.94

Discharges at Aswan measured by sluices m³ per sec.	DATE	1946	1945
	4-7	1852	1620
	3-7	1852	1620

Printed by the Survey of Egypt, 1945.(45/306)

At 8h. on THURSDAY 4th — الساعة ٨ يوم الخميس ٤

	STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm.	MINIMUM Today °C	MINIMUM Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	RAINFALL Total from Oct. 1 mms.	RAINFALL Norm from Oct. 1 mms.
MEDITERRANEAN	SALÛM											—		—					99
	MATRÛH	00	9	30	4	0	0	—	8.6	−2.4	24.2	27	0	20	−1	84	0	101	161
	MARIUT	01	8	28	3	1	4	6	8		26	29	—	23	—	70	0	187	138
	ALEXANDRIA	02	9	32	2	2	5	8	7.9	−2.6	25.8	30	+1	23	+1	69	0	170	186
	DAMIETTA	00	8	28	2	0	0	—	6.7	−2.9	26.5	31	—	22	—	87	0	81	106
	PORT SAʿÎD	00	8	28	2	0	3	1	7.1	−2.0	26.4	31	+1	23	0	77	0	71	81
	EL ʿARÎSH	00	9	20	1	0	0	—	6.5	−3.0	24.3	34	+4	19	0	—	0		94
LOWER EGYPT	DAMANHÛR	01	6	12	2	1	3	8	7.5	−2.3	26.0	34	+1	20	+1	69	0	92	101
	MANSÛRA	00	8	02	1	0	0	—	7.5	−2.2	26.0	36	+1	20	0	69	0	66	55
	TANTA	00	8	24	1	0	0	—	7.9	−2.1	26.3	35	0	19	0	72	0	107	44
	ZAGAZIG	01	6	20	1	1	4	8	7.6	−2.5	27.4	35	0	20	+1	68	0	24	27
	SHEBÎN EL KÔM	00	8	28	2	0	0	—	7.1	−3.3	26.7	37	—	20	—	69	0	36	—
MIDDLE EGYPT	CAIRO ALMAZA	05	6	02	1	2	4	6	7.7	−2.4	24.0	37	—	22	—	76	0	10	—
	CAIRO EZBEKÎYA	05	6	28	1	1	4	8	8.2	−1.9	25.9	36	0	22	+1	69	0	22	26
	CAIRO GÎZA	01	7	30	1	2	4	8,4	7.6	−2.6	25.1	36	+1	20	+1	69	0	41	27
	HELWÂN	05	6	30	2	0	2	8	7.4	−2.6	24.0	36	+1	20	−1	70	0	20	29
	SUEZ	00	9	28	1	0	0	—	7.8	−1.3	26.6	37	+1	22	0	65	0	—	17
UPPER EGYPT	FAIYÛM	00	8	30	2	0	0	—	7.6	−2.2	25.2	37	+1	21	0	62	0	13	8
	MINYA	00	9	30	1	0	0	—	7.8	−1.3	29.3	38	+2	21	0	51	0	dr	—
	ASYÛT	00	7	22	2	0	0	—	7.4	−1.5	29.1	38	+1	23	+1	42	0	0	4
	NAGʿ HAMÂDI	00	8	00	0	0	0	—	6.4	−1.4	29.4	38	—	20	—	49	0	tr	—
	QENA	00	8	22	2	0	0	—	5.8	−1.4	29.0	41	0	25	+1	40	0	13	—
	LUXOR	00	7	26	2	0	0	—	6.0	−1.5	24.0	43	+2	24	+2	27	0	0	—
	ASWÂN	00	9	00	0	0	0	—	6.7	−0.8	32.0	39	−3	25	−1	23	0	dr	—
WESTERN DESERT	SÎWA	00	7	00	0	0	0	—	10.6	−2.0	24.0	38	0	19	−1	75	0	5	8
	BAHARÎYA																	0	7
	KHÂRGA	00	9	00	0	0	0	—	7.5	−0.7	28.8	39	0	22	−1	29	0	tr	—
	DÂKHLA	00	8	28	2	0	0	—	8.6	−1.0	29.8	38	−1	22	−1	39	0	0	—
RED SEA	TÔR	00	7	28	3	0	0	—	5.2	−1.4	28.1	32	−2	23	−1	66	0	0	13
	HURGHÂDA	00	8	30	3	0	0	—	—	—	30.2	33	−1	24	0	37	0	tr	3
	QUSEIR	00	8	32	2	0	0	—	4.4	−2.5	30.0	34	+1	25	−1	54	0	11	4
	PORT SÛDÂN	00	8	20	3	0	0	—	5		34					56	0	35	97
NORTH SÛDÂN	WÂDI HALFA	00	8	20	1	0	2	1	7		29					27	0	tr	—
	KAREIMA	00	8	18	1	0	2	4	8		32					21	0	7	2
	ʿATBARA	02	8	22	4	1	6	4,5	8		31					49	0	8	10
	KHARTÛM	01	8	18	3	1	4	6,4,1	9		30					52	0	8	21
	KASSALA	01	8	18	3	1	4	4	9		29					62	tr	91	61
CENTRAL SÛDÂN	WAD MEDANI	02	9	18	2	1	7	6	11		26					84	0	44	68
	RENK												—		—		—	—	182
	ROSEIRES	01	8	16	1	1	4	4	13?		27					29	0	341	262
	EL OBEID	02	8	18	3	1	5	4,5,3	9		28					66	0	106	80
	EL FÂSHER	01	9	14	2	1	4	4	—	—	30					59	2	59	40
	GENEINA	01	8	20	1	1	3	1	—	—	24		—		—	50	—	—	93
	KADUGLI	01	8	20	2	1	4	4	10		28		—		—	66	—		325
S. SÛDÂN	MALAKÂL	01	8	04	2	1	4	4	11		27					29	0	330	348
	WÂU	00	8	20	3	1	3	9	12		26					79	0	245	559
	JUBA	02	8	14	1	1	7	1	13		24					65	0	715	621

UPPER WINDS ON 4th — الرياح العليا يوم ٤

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SAʿÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
6 h. 30 m.	6 h. 30 m.	h. m.	8 h. 30 m.	6 h. 15 m.	7 h. m.	h. m.	7 h. m.	7 h. 15 m.	7 h. m.	7 h. 15 m.	6 h. m.
03 30 20	03 33 25		02 33 25	03 04 35	02 02 10		05 32 10	09 33 45	09 35 20	09 22 20	09 21 30
06 36 20	06 33 35		05 35 20	06 02 35	05 01 45		10 31 30	15 30 25	15 29 15	15 28 15	15 21 25
09 34 20	09 33 45		08 36 05	09 33 20	10 34 45		15 30 30	21 28 25	21 24 30	21 27 05	21 23 15
15 36 20	15 01 45		10 36 02	15 31 30			20 27 35	27 26 20	27 23 50	27 25 25	27 16 15
21 36 20	24 36 30		15 30 15	21 28 20			25 27 35	33 24 20	33 21 40	33 24 20	30 35 05
30 02 20	30 35 30		20 30 20	27 30 15						39 26 35	33 36 05
	36 34 30		23 29 25	30 34 15							
	42 33 30		25 30 25	33 35 15							
			30 27 20								

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6 h. 45 m.	7 h. m.	7 h. m.	7 h. m.	h. m.	7 h. m.
09 18 35	09 29 15	09 23 20	09 18 15		09 25 15
15 20 30	15 31 20	15 25 20	15 25 15		15 24 20
21 21 30	21 29 30	21 27 05	21 26 15		21 36 25
27 21 15	27 27 25	27 29 10	27 26 10		27 03 25
33 20 10	33 26 35	33 09 15	33 26 05		33 02 20
39 30 05		39 05 15	39 27 05		39 05 15

CYPRUS SYNOPTIC 8h. ON 4th

34700 00890 24100 05291 80002 0019?
34800 00990 28300 05301 10705 0020?

UPPER AIR TEMP. ALMÂZA AT 3 h. G.M.T. ON 4th

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	998	73	70
500	980	67	66
1000	962	65	64
1500	945	63	62
2000	928	68	52
4000	862	63	44
6000	800	60	39
8000	741	58	36
10000	686	53	32
12000	635	48	27
14000	586	44	27
16000	541	40	27

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.

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	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	40-43
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	43
Drizzle	50-53
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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

ANNUAL SUBSCRIPTION P.T. 150

Time of Sunrise 04 58
Sunset 19 00

Month **JULY** 1946

DAILY WEATHER REPORT

١٩٤٦ شهر يوليه

At 14h. on Thursday 4th / At 20h. on 4th

الساعة ١٤ يوم ٤ / الساعة ٢٠ يوم الخميس ٤

Station	14h ww	V	Wind Dir.	Force	W	Cloud Amount	Form	Bar. Press. M.S.L. 1000+ mbs.	Temp. °C	% Humidity	Rain 8–14 mms	20h ww	V	Wind Dir.	Force	W	Cloud Amount	Form	Bar. Press. M.S.L. 1000+ mbs.	Temp. °C	% Humidity	Rain 14–20 mms
Mediterranean																						
SALÛM																						
MATRÛH	00	9	32	4	0	0	—	10.0	27.4	47	0	00	8	32	3	0	0	—	9.1	24.4	75	0
MARIUT	00	8	28	4	0	0	—	8	28	63	0	00	7	28	1	0	0	—	7	25	74	0
ALEXANDRIA	00	9	28	4	0	0	—	8.0	28.4	59	0	00	6	32	1	0	0	—	7.9	25.0	79	0
DAMIETTA	00	8	28	3	0	0	—	6.5	28.9	75	0	00	7	28	2	1	1	8	6.6	25.2	90	0
PORT SAÏD	00	8	30	3	0	0	—	6.2	30.8	61	0	00	8	30	2	0	0	—	6.8	25.3	83	0
EL 'ARÎSH	00	9	32	2	0	0	—	6.6	28.2	72	0	00	9	32	1	0	0	—	—	25.2	71	0
Lower Egypt																						
DAMANHÛR	00	7	04	4	1	0	—	6.7	31.2	54	0	00	7	32	2	0	0	—	7.1	24.4	79	0
MANSÛRA	00	8	02	2	0	0	—	6.8	33.0	34	0	00	6	04	2	0	0	—	7.6	26.2	77	0
TANTA	00	8	28	2	0	0	—	6.6	33.0	34	0	00	8	28	1	0	0	—	8.0	26.0	69	0
ZAGAZIG	00	6	24	2	0	0	—	6.6	32.4	39	0	00	6	24	2	0	0	—	6.7	28.6	53	0
SHEBÎN EL KÔM	00	8	02	2	0	0	—	6.4	33.9	35	0	00	7	02	2	0	0	—	6.7	27.9	60	0
Middle Egypt																						
CAIRO ALMÂZA	00	8	28	1	0	0	—	6.1	33.3	25	0	00	7	02	2	0	0	—	6	30	35	0
CAIRO EZBEKÎYA	00	9	02	1	0	0	—	7.1	33.2	35	0	00	7	30	2	0	0	—	7.6	30.0	42	0
CAIRO GÎZA	00	8	32	2	0	0	—	6.4	32.5	29	0	00	8	32	2	0	0	—	7.2	29.4	44	0
HELWÂN	00	8	28	1	0	0	—	6.3	31.3	28	0	00	7	30	3	0	0	—	6.6	30.0	37	0
SUEZ	00	9	02	2	0	0	—	6.4	33.1	30	0	00	9	30	2	0	0	—	6.3	30.3	39	0
Upper Egypt																						
FAIYÛM	00	8	32	3	0	0	—	6.2	32.2	26	0	00	8	32	1	0	0	—	5.8	30.5	35	0
MINYA	00	9	30	3	0	0	—	5.6?	37	18	0	00	8	30	1	0	0	—	5.4	31.2	35	0
ASYÛT	00	8	22	2	0	0	—	6.6	36.2	16	0	00	6	22	1	0	0	—	6.2	30.2	31	0
NAG HAMMADI	00	8	00	0	0	0	—	5.1	34.3	27	0	00	8	00	0	0	0	—	5.0	29.7	32	0
QENA	00	9	22	2	0	0	—	3.4	41.0	20	0	00	7	22	2	0	0	—	3.6	31.6	35	0
LUXOR	00	7	16	3	0	0	—	3.9	40.0	18	0	00	6	00	0	0	0	—	4.3	33.8	25	0
ASWÂN	00	9	24	2	0	0	—	4.7	38.2	12	0	00	9	00	0	0	0	—	4.3	33.9	11	0
Western Desert																						
SÎWA	00	8	28	2	0	0	—	10.0	35.0	37	0	00	—	00	0	0	0	—	8.8	32.5	32	0
BAHARÎYA	00	9	00	0	0	0	—	8.6	35.4	31	0	00	—	00	0	0	0	—	—	27.0	56	0
KHÂRGA	00	9	32	1	0	0	—	5.9	37.4	16	0	00	—	30	2	0	0	—	6.8	34.2	16	0
DÂKHLA	00	9	28	3	0	0	—	7.2	36.6	25	0	00	7	28	2	0	0	—	6.3	28.7	28	0
Red Sea																						
TÔR	00	7	28	4	0	0	—	4.3	32.3	61	0	00	7	28	3	0	0	—	4.5	31.2	73	0
HURGHÂDA	00	8	32	3	0	0	—	—	33.4	38	0	00	8	02	2	0	0	—	—	28.6	40	0
QUSEIR	00	8	32	2	0	0	—	3.3	33.2	44	0	00	8	02	2	0	0	—	4.0	31.3	44	0
PORT SÛDÂN	00	9	08	3	0	1	8	2	41	22												
North Sûdân																						
WÂDI HALFA	01	8	26	2	1	4	2	5	39	11												
KAREIMA	00	8	26	2	0	2	8	5	40	17												
ATBARA	01	8	24	2	1	4	8,4	3	41	19												
KHARTÛM	01	8	18	3	1	4	8,4,1	5	38	25												
KASSALA	01	8	18	1	1	5	8,4,2	4	37	33												
Central Sûdân																						
WAD MEDANI	01	8	00	0	1	3	8	5	36	37												
RENK	11	9	18	4	2	8	9,?	9	27	70												
ROSEIRES	01	8	18	1	1	4	8?	8	33	50												
EL OBEID	02	9	00	0	6	6	8,4,5	7	24	94												
EL FÂSHER																						
GENEINA																						
KADUGLI	02	8	20	4	1	5	9	6	34	39												
S. Sûdân																						
MALAKÂL	22	8	20	2	6	8	9,4	7	31	59												
WÂU	02	8	20	4	1	8	9,4	9	31	55												
JUBA	02	8	30	2	1	6	9,4	9	31	59												

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

UPPER WINDS ON 4th (الرياح العليا ٤)

Matrûh 13h	Mariut 12h.45m.	Port Saïd	Almâza	Minya	Luxor	Hurghâda	Wâdi Halfa 13h.15m.	Kareima 11h.30m.	Khartûm 13h	Kassala 13h	El Obeid 13h	Malakal 13h	Juba 12h.45m.
03 32 30	03 32 25						09 29 15	09 23 20	09 23 15	09 23 20	09 23 15	09 21 20	09 31 05
06 32 30	06 34 15						15 31 15	15 23 25	15 23 15	15 21 15	15 30 05	15 23 20	15 23 05
09 33 25	09 33 30						21 26 20	21 24 20	21 30 05	21 26 25	21 29 45	21 22 25	
15 31 30	12 35 15						24 21 35	27 23 05	24 28 05	27 19 25	27 31 30	27 23 35	
21 33 25	15 35 10							33 26 20	30 13 10		33 30 45	33 24 55	
30 31 15	18 34 20							39 25 20			39 31 35		
39 04 15	21 36 25												
45 33 20	24 32 10												
51 30 25	30 30 15												

Remarks

Hours are Egyptian standard time, long 30 E. and are two hours fast on Greenwich mean time.

Station	Humidity % on 4th	Diff. from normal	on 4th	Diff. from normal
Alexandria	72	-2	22.4	-0.1
Ezbekiya	53	-5	21.8	-0.2
Gîza	52	-5	20.9	-0.2
Helwân	51	+6	20.0	+0.4

Gîza: Grass minimum temp. on 5th 16.8°

Cairo: Water temp. River Nile on 5th 26.6°

Discharges at Aswân measured by sluices m³ per sec	Date	1946	1945
	5-7	1910	1620
	4-7	1852	1620

Gauge	Date	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	5–7	13.11	-0.43	13.12	-0.42
Nasser		8.56	-0.18	8.50	-0.20
Malakâl		10.99	-0.20	10.93	-0.24
G. Aulia Res.				371.65	—
G. Aulia D.S.				371.60	-0.12
Roseires		16.24	+1.69	16.20	+1.75
Sennar Res.		8.84	—	9.00	—
Khartûm		11.77	+0.05	11.61	-0.06
Khashm el Girba				12.45	+0.47
Atbara		11.22	+0.26	11.20	+0.29
Wadi Halfa		133.80	+0.67	133.54	+0.48
Aswân Res.		105.45	—	105.90	—
Aswân D.S.		86.71	+0.07	86.64	-0.01
Roda (Cairo)		16.51	+0.90	16.54	+0.94

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on Friday 5th

الساعة ٨ يوم الجمعة ٥

Station	ww	V	Wind Dir.	Force	W	Cloud Amount	Form	Bar. M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb °C	Max. Yesterday °C	Diff. from norm.	Min. Today °C	Diff. from norm.	% Humidity	Rain Past 24 hrs mms	Total from Oct. 1 mms	Norm. from Oct. 1 mms
Mediterranean																		
SALÛM											—		—					99
MATRÛH	00	9	28	4	0	0	—	9.2	-1.7	25.2	28	0	20	-1	74	0	101	161
MARIUT	01	7	27	2	1	4	6	8	—	26	29	—	22	—	74	0	187	138
ALEXANDRIA	01	8	30	3	1	4	4	8.2	-2.2	26.2	30	+1	23	+1	75	0	170	166
DAMIETTA	00	8	28	1	1	2	8	7.2	-2.3	27.1	32	—	22	—	82	0	81	106
PORT SAÏD	01	8	30	2	1	4	6	7.4	-1.6	27.2	33	+3	24	+1	71	0	71	81
EL 'ARÎSH	00	9	30	1	0	0	—	7.8	-1.6	26.9	29	-1	18	-1	72	0	—	94
Lower Egypt																		
DAMANHÛR	01	6	32	2	1	3	8	7.8	-1.9	25.3	32	-1	19	0	72	0	92	101
MANSÛRA	01	8	30	1	1	4	0	7.8	-1.8	27.0	35	0	20	0	76	0	66	55
TANTA	00	8	24	1	0	0	—	8.6	-1.3	26.2	34	-1	19	0	77	0	107	44
ZAGAZIG	01	6	20	1	1	4	8	8.4	-1.6	26.4	34	-1	20	+1	41	0	24	27
SHEBÎN EL KÔM	01	8	28	2	1	4	8	8.7	-1.6	24.9	35	—	20	—	81	0	36	
Middle Egypt																		
CAIRO ALMÂZA	01	7	29	1	2	4	6	8.1	-1.9	24.4	35	—	22	—	72	0	10	
CAIRO EZBEKÎYA	05	6	28	2	1	4	6	8.8	-1.2	24.0	34	-2	22	+1	76	0	22	26
CAIRO GÎZA	01	7	30	1	2	4	4	8.8	-1.3	24.7	34	-1	20	+1	72	0	41	27
HELWÂN	05	6	30	2	0	2	0	8.3	-1.6	23.9	34	-1	20	-1	75	0	20	29
SUEZ	00	9	20	1	0	0	—	8.6	-0.4	27.8	35	-1	22	0	60	0	—	17
Upper Egypt																		
FAIYÛM	00	8	32	3	0	0	—	—	—	25.0	35	-1	20	-1	72	0	13	8
MINYA	00	9	32	3	0	0	—	7.4	-1.6	25.9	37	+1	20	-1	61	0	dr	
ASYÛT	00	7	26	1	0	0	—	7.9	-0.9	27.4	37	0	22	0	54	0	0	4
NAG HAMMADI	00	8	00	0	0	0	—	7.4	-0.4	29.8	37	—	19	—	44	0	1	
QENA	00	8	24	1	0	0	—	7.4	+0.3	28.2	41	0	21	-3	43	0	13	
LUXOR	00	7	22	2	0	0	—	6.8	-0.6	34.8	41	0	21	-2	24	0	0	
ASWÂN	00	9	26	2	0	0	—	7.0	-0.4	32.1	39	-2	25	-1	17	0	dr	—
Western Desert																		
SÎWA	00	7	03	0	0	0	—	10.3	-2.2	25.2	37	-1	20	0	76	0	5	8
BAHARÎYA	00	9	32	1	0	0	—	—	—	26.0	37	+1	19	-1	55	0	0	7
KHÂRGA	00	9	08	1	0	0	—	8.2	0.0	30.0	38	-2	21	-2	31	0	1	
DÂKHLA	00	8	28	1	0	0	—	8.4	-1.2	29.2	37	-2	22	-1	34	0	0	
Red Sea																		
TÔR	00	7	28	3	0	0	—	5.0	-1.5	27.1	33	-1	25	+1	75	0	0	13
HURGHÂDA	00	8	30	3	0	0	—	—	—	30.1	34	0	24	0	38	0	1	3
QUSEIR	00	8	32	2	0	0	—	4.7	-2.1	32.0	34	+1	26	0	38	0	11	4
PORT SÛDÂN	01	9	00	0	0	3	1	5		37					33	0	35	97
North Sûdân																		
WÂDI HALFA	00	8	00	0	0	1	1	6		30					22	0	tr	
KAREIMA	05	6	18	2	0	0	—	8		30					33	0	7	3
ATBARA	01	8	24	4	1	3	4,2	7		31					49	0	8	11
KHARTÛM	02	8	18	3	2	5	6,4	9		27					70	3	11	23
KASSALA	01	8	16	2	1	4	1	7		29					52	0	41	65
Central Sûdân																		
WAD MEDANI	01	9	20	3	6	3	5	11		25					79	5	49	72
RENK	01	9	18	3	0	4	1	11		25		—		—	84	—	—	186
ROSEIRES	01	8	14	1	1	5	8	13		26					79	0	341	268
EL OBEID	21	8	04	3	6	7	9,4	11		24					84	9	115	83
EL FÂSHER	01	9	20	1	1	4	2	—	—	24					89	0	59	43
GENEINA								—	—		—					—	—	97
KADUGLI	02	9	20	2	1	7	9	11		23	—				84		—	330
S. Sûdân																		
MALAKÂL	02	8	18	1	1	6	6,4	11		23					94	42	372	353
WÂU																0	295	565
JUBA	61	8	20	2	6	8	7	13		22					94	9	724	625

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

UPPER WINDS ON 5th (الرياح العليا ٥)

Matrûh 6h	Mariut 7h.15m.	Port Saïd 6h.30m.	Helwân	Minya 7h.15m.	Asyût	Luxor 6h.30m.	Aswân	Wâdi Halfa	Abu Hamad	Kareima 7h	Khartûm 6h.30m.
03 36 30	03 32 25	03 29 15	—	03 35 20		03 34 20				09 10 15	09 18 10
06 35 35	06 27 10	06 27 10		06 01 15		06 35 20				15 07 20	15 02 05
09 35 35	09 32 10			09 35 20		09 17 20				21 07 20	21 07 15
15 34 40	12 01 10			15 32 40		15 10 05				27 31 02	24 07 20
21 35 40	15 04 15			21 33 40		21 16 20				33 22 10	30 08 35
30 35 30	18 35 15			30 36 60						39 25 20	39 09 35
33 35 35	21 03 20										

Kassala 7h	Port Sûdân 7h	El Obeid	El Fâsher 7h	Geneina	Malakal 6h
09 19 20	09 25 15		09 24 10		09 26 15
15 20 45	15 31 10		15 30 10		15 25 15
21 21 40	21 03 15		21 31 15		21 24 20
27 02 20	27 01 05		27 02 10		27 23 25
	23 30 15		30 03 05		33 22 25

Cyprus Synoptic 8h. on 5th

34700 00990 08100 05282 10002 00170.
34800 00990 02300 05311 50202 00220.

Upper Air Temp. Almâza at G.M.T. on

Height Feet	P.P.P. mb.	TT °F
Surface		
500		
1000		
1500		
2000		
4000		
6000		
8000		
10000		
12000		
14000		
16000		

WIND FORCE (F)

	km/h	Force
Calm	[illegible]	0
Almost calm	[illegible]-6	1
Very light	[illegible]-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	[illegible]-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	[illegible]-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-[illegible]	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.

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	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	18
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Sand	30-39
Showers	80-84

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 AMOUNT (N)

Clear 0; Trace; 1 Tenth; 2, 3 Tenths; 4, 5, 6 Tenths; 7, 8 Tenths; Over 9 Tenths; Overcast; Fog or Dust

CLOUD FORM (C)

Cirrus; Cirro-stratus; Cirro-cumulus; Alto cumulus; Alto-stratus; Strato-cumulus; Nimbo-stratus; Cumulus; Cumulo-nimbus; Stratus

ANNUAL SUBSCRIPTION P.T. 150

Time of Sunrise 04 37 h. m.
Sunset 19.00

Month JULY 1946

DAILY WEATHER REPORT

١٩٤٦ شهر يوليه

At 14h. on Friday 5th — الساعة ١٤ يوم ٥ / At 20h. on 5th — الساعة ٢٠ يوم الجمعة ٥

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	Rain 8-14 h. mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	Rain 14-20 h. mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	32	4	0	0	—	8.4	27.4	74	0	00	8	28	3	0	0	—	9.1	24.6	72	0	131
MARIUT	00	7	28	3	0	0	—	8			0	00	7	28	2	0	1	6	8	25	84	0	150
ALEXANDRIA	01	8	30	2	2	3	4	7.9	28.8	66	0	01	6	32	2	2	4	8	8.4	25.0	80	0	132
DAMIETTA	00	8	30	3	0	0	—	6.7	30.2	66	0	00	7	25	2	0	0	—	6.8	25.7	94	0	159
PORT SA'ÎD	00	8	30	2	0	2	6	6.7	30.9	61	0	00	8	30	2	0	0	—	7.1	25.6	72	0	134
EL 'ARÎSH	00	9	32	2	0	0	—	7.5	29.1	64	0	10	9	28	2	0	0	—	—	25.5	85	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	04	4	1	0	—	7.0	32.0	52	0	00	7	32	2	0	0	—	7.6	24.8	69	0	136
MANSÛRA	01	8	02	1	1	3	8	5.9	35.0	31	0	00	6	02	2	1	0	—	7.5	27.2	65	0	137
TANTA	00	8	28	2	0	0	—	7.0	34.3	31	0	00	8	28	1	0	0	—	8.3	26.1	71	0	138
ZAGAZIG	00	6	20	2	0	0	—	7.0	34.8	33	0	00	6	16	2	0	0	—	7.8	28.0	67	0	139
SHEBÎN EL KÔM	00	8	02	3	0	0	—	6.4	34.4	29	0	00	7	02	2	0	0	—	6.8	28.2	58	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	32	2	1	1	—	5.8	34.8	10	0	00	7	04	2	0	0	—	6.4	31.8	36	0	141
CAIRO EZBEKÎYA	00	9	30	1	0	0	—	7.2	34.9	27	0	00	7	30	1	0	0	—	6.7	31.1	37	0	—
CAIRO GÎZA	00	8	32	2	0	0	—	7.0	34.9	24	0	00	8	32	1	0	0	—	7.5	30.2	42	0	—
HELWÂN	00	8	28	4	0	0	—	5.6	34.1	17	0	00	7	32	4	0	0	—	6.3	31.9	29	0	143
SUEZ	00	9	30	2	0	0	—	6.4	35.2	21	0	00	9	30	2	0	0	—	6.3	33.2	34	0	144
UPPER EGYPT																							
FAIYÛM	00	8	32	3	0	0	—	5.5	35.2	21	0	00	8	32	1	0	0	—	6.0	30.0	39	0	153
MINYA	00	9	02	2	0	0	—	5.5	35.5	20	0	00	9	32	1	0	0	—	5.5	30.0	35	0	154
ASYÛT	00	8	22	1	0	0	—	6.6	35.1	24	0	00	6	22	1	0	0	—	6.4	30.6	28	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	5.8	35.4	27	0	00	8	00	0	0	0	—	5.4	27.2	45	0	164
QENA	00	9	26	2	0	0	—	4.5	39.4	21	0	00	6	26	2	0	0	—	4.9	30.6	37	0	156
LUXOR	00	7	30	2	0	0	—	4.8	38.5	18	0	00	6	26	2	0	0	—	4.2	33.0	25	0	157
ASWÂN	00	9	26	2	0	0	—	3.9	37.6	15	0												158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	—	9.5	36.2	47	0	00	5	00	0	0	0	—	8.7	32.5	52	0	148
BAHARÎYA												00	—	00	0	0	0	—	—	25.4	58	0	149
KHÂRGA												00	—	32	1	0	0	—	6.6	32.6	17	0	151
DAKHLA	00	4	32	2	0	0	—	6.6	36.9	23	0	00	7	28	1	0	0	—	6.4	28.9	28	0	152
RED SEA																							
TÔR	00	7	28	3	0	0	—	3.6	31.4	73	0	00	7	28	3	0	0	—	—	31.4	71	0	145
HURGHÂDA	00	8	04	3	0	0	—	—	32.4	37	0	00	8	32	2	0	0	—	—	27.3	48	0	146
QUSEIR	00	8	32	3	0	0	—	4.6	32.6	49	0	00	8	32	2	0	0	—	4.6	30.6	43	0	147
PORT SÛDÂN	00	8	08	4	1	3	8,4,2	2	36	56													208
NORTH SÛDÂN																							
WÂDI HALFA	00	8	30	2	0	1	1	4	40	08													165
KAREIMA	00	8	30	2	0	1	1	4	40	08													166
'ATBARA	01	8	22	1	1	4	8	3	40	20													167
KHARTÛM	01	8	22	2	1	3	8,4	5	36	35													209
KASSALA	01	8	10	2	1	4	8,1	4	36	35													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	24	2	1	3	8	5	34	41													171
RENK	01	8	18	3	1	3	8	7	26	62													182
ROSEIRES	02	8	20	2	1	5	8	8	32	50													172
EL OBEID	02	9	18	3	1	5	8,4	6	30	52													174
EL FÂSHER	02	9	16	3	1	6	6,4	—	34	36													175
GENEINA	01	8	12	2	1	4	8,4	—	34	25													179
KADUGLI	02	8	28	4	1	7	9	9	29	66													187
S. SÛDÂN																							
MALAKÂL	02	8	20	2	1	8	8,4	9	29	66													176
WÂU	02	8	16	3	1	8	6,4	9	26	79													177
JUBA	52	7	32	1	6	8	6	14	22	100													178

At 8h. on SATURDAY 6th — الساعة ٨ يوم السبت ٦

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm.	Min. Today °C	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				99
MATRÛH	00	9	28	3	0	0	—	8.7	-2.1	24.8	28	0	20	-1	93	0	101	161
MARIUT	01	7	28	2	0	5	6	7		27	29	—	23	—	70	0	187	132
ALEXANDRIA	02	8	02	2	2	5	8	7.6	-2.7	26.2	30	+1	23	+1	75	0	170	186
DAMIETTA	00	8	22	1	1	0	—	6.7	-2.7	28.3	32	—	22	—	81	0	81	106
PORT SA'ÎD	00	8	30	2	0	0	—	6.7	-2.2	27.4	32	+2	24	+1	76	0	71	81
EL 'ARÎSH	00	9	30	2	0	0	—	6.7	-2.6	28.1	30	0	19	0	66	0	—	94
LOWER EGYPT																		
DAMANHÛR	01	7	32	2	1	5	8	7.2	-2.4	26.0	33	0	20	0	81	0	92	101
MANSÛRA	00	8	32	1	0	0	—	7.2	-2.3	27.0	36	+1	21	+1	70	0	66	55
ṬANṬA	01	8	24	1	1	2	8	7.6	-2.2	25.4	35	0	20	+1	80	0	107	44
ZAGAZIG	00	6	20	1	0	2	8	8.0	-2.0	27.2	36	+1	21	+2	69	0	24	27
SHEBÎN EL KÔM	00	8	30	2	2	2	8	7.2	-3.0	27.9	36	—	22	—	66	0	36	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	04	1	2	1	8	7.6	-2.4	25.0	37	—	22	—	74	0	10	—
CAIRO EZBEKÎYA	00	6	24	2	0	0	—	8.0	-2.0	25.6	36	0	22	+1	70	0	22	26
CAIRO GÎZA	00	7	30	1	0	0	—	8.2	-1.8	25.2	36	+1	22	+3	72	0	41	27
HELWÂN	05	6	30	1	0	0	—	7.1	-2.8	24.6	36	+1	21	0	71	0	20	29
SUEZ	00	9	30	2	0	0	—	7.4	-1.5	26.6	35	-1	22	0	74	0	—	17
UPPER EGYPT																		
FAIYÛM	00	8	02	3	0	0	—	7.2	-2.4	25.9	36	-1	22	+1	69	0	13	8
MINYA	00	9	04	2	0	0	—	6.6	-2.4	26.7	36	-1	23	+2	66	0	tr	—
ASYÛT	00	7	22	1	0	0	—	6.7	-2.0	28.3	37	0	22	0	48	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	6.0	-1.7	28.7	37	—	21	—	44	0	1	—
QENA	00	8	24	1	0	0	—	5.1	-2.0	28.0	40	-1	22	-2	55	0	13	—
LUXOR	01	7	10	2	1	3	1	5.9	-1.5	35.0	40	-1	21	-2	28	0	0	—
ASWÂN	00	9	00	0	0	0	—	5.9	-1.5	31.8	39	-2	25	-1	20	0	tr	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	10.7	-1.7	24.6	38	0	20	0	87	0	5	8
BAHARÎYA	00	9	32	1	0	0	—	—	—	27.0	36	0	20	0	56	0	0	7
KHÂRGA	00	9	12	1	0	0	—	5.8	-2.3	25.6	38	-2	21	-2	33	0	1	—
DÂKHLA	00	8	28	2	0	0	—	7.4	-2.1	29.7	38	-1	22	-1	36	0	0	—
RED SEA																		
ṬÔR	00	7	28	3	0	0	—	4.4	-2.0	27.8	34	0	20	-4	64	0	0	13
HURGHÂDA	00	8	30	3	0	0				30.2	33	-1	24	0	36	0	1	3
QUSEIR	00	8	30	2	0	0	—	3.9	-2.8	31.6	33	0	26	0	29	0	11	4
PORT SÛDÂN	05	6	00	0	0	0		4		32					46	0	35	97
NORTH SÛDÂN																		
WÂDI HALFA	00	8	00	0	1	3	1	6		31					21	0	tr	—
KAREIMA	01	8	18	1	1	5	4	6		33					21	0	7	3
'ATBARA	33	1	18	6	3	9	—	8		29					59	0	8	11
KHARTÛM	02	8	16	4	2	7	6,4,2	9		28					66	0	11	25
KASSALA	61	8	16	3	6	7	6,4,5	11		23					84	13	104	68
CENTRAL SÛDÂN																		
WAD MEDANI	02	9	16	5	1	7	6	11		25					84	22	71	76
RENK	02	9	18	3	5	5	1	12		24		—		—	84	—	—	190
ROSEIRES	02	8	12	1	2	7	9,5	14		24					84	20	361	275
EL OBEID	02	9	16	4	1	7	6,5	10		23					84	0	115	86
EL FÂSHER	01	9	12	2	1	4	4	—	—	24					84	0	59	45
GENEINA	01	8	16	2	0	4	1	—	—	24		—		—	74	—	—	101
KADUGLI	02	7	20	4	2	7	8	12		24		—		—	89	—	—	335
S. SÛDÂN																		
MALAKÂL	02	8	12	2	1	8	6,4,5	13		23					89	0	372	358
WÂU	02	8	16	3	6	8	9,4	10?		22					89	36	331	571
JUBA	02	8	14	2	6	8	6	14		22					94	9	733	629

UPPER WINDS ON 5th — الرياح العليا يوم ٥

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH 13 h. m.	MARIUT 13 h. m.	PORT SA'ÎD 12 h. 30 m.	ALMÂZA h. m.	MINYA 13 h. 30 m.	LUXOR h. m.	HURGHÂDA 13 h. m.	WÂDI HALFA 13 h. m.	KAREIMA h. m.	KHARṬÛM h. m.	KASSALA 13 h. 15 m.	EL OBEID 13 h. m.	MALAKAL h. m.	JUBA h. m.
03 32 30	09 28 05	03 26 10		03 33 15		03 03 20				09 22 25	09 23 15		
06 33 35	12 28 05	06 30 15		06 35 10		06 04 15				15 22 25	15 30 05		
09 33 30	15 32 05	09 32 15		09 02 20		09 01 15				21 25 15	21 05 15		
15 33 35	18 32 10	12 01 05		12 01 15		12 01 15					27 04 15		
21 35 25	21 36 05	15 32 15		18 33 20		15 31 05	15 32 20				33 08 10		
30 33 20	27 04 05	18 32 20		21 31 10			21 31 20				39 12 15		
39 31 25	30 33 15	21 33 30		27 35 15			24 31 35						
45 28 20	36 31 20												
57 25 40	42 29 20												

UPPER WINDS ON 6th — الرياح العليا يوم ٦

MATRÛH 6 h. m.	MARIUT 6 h. 45 m.	PORT SA'ÎD 6 h. 30 m.	HELWÂN 8 h. 45 m.	MINYA 7 h. 15 m.	ASYÛT 7 h. m.	LUXOR h. m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h. 15 m.	ABU HAMAD 7 h. m.	KAREIMA 7 h. 15 m.	KHARṬÛM 6 h. 30 m.
03 33 20	03 33 15	03 31 10	02 33 15	03 01 20	02 29 05		02 32 05	09 01 15	09 04 25	09 13 05	09 21 45
06 34 20	06 29 05	06 34 15	05 03 15	06 04 20	05 01 35		05 34 20	15 20 20	15 36 15	15 09 25	15 19 25
09 34 20	09 28 05	09 34 20	08 04 20	09 34 20	10 34 35		10 31 25	21 29 30	21 17 15	21 08 20	21 17 25
15 36 20	12 25 05	12 36 20	10 04 20	12 32 25	15 30 35		15 28 25	27 25 50	27 20 30	27 11 20	24 15 15
21 36 25	15 27 05	15 36 20	15 05 20	15 30 30			20 26 30	33 25 55	33 21 25	33 16 10	30 04 15
30 33 15			20 04 25	18 29 50			25 24 25	39 24 10	39 22 35	39 16 25	39 08 15
39 28 30			23 01 15	21 04 35							
45 27 25			30 32 15	27 01 20							
51 25 25			40 29 05	30 32 10							

KASSALA 6 h. 05 m.	PORT SÛDÂN 7 h. m.	EL OBEID 7 h. m.	EL FÂSHER 7 h. m.	GENEINA 7 h. m.	MALAKAL 7 h. m.
09 19 25	09 22 15	09 20 40	09 31 05	09 20 20	09 18 30
15 19 30	15 30 05	15 22 30	15 29 20	15 24 25	15 21 20
	21 25 30	21 32 05	21 22 10	21 29 20	21 [illegible] 25
		27 11 05	24 23 10	27 29 20	
		30 13 10		32 29 20	

UPPER AIR TEMP. ALMÂZA AT G.M.T. ON

HEIGHT FEET	P.P.P m.b.	TT °F	
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 5th	Diff from normal	Wet Bulb Temp. on 5th	Diff from normal
Alexandria	75	+1	23.2	+0.7
Ezbekiya	53	-5	21.3	-0.7
Giza	53	-4	21.2	+0.1
Helwân	49	+3	19.9	+0.2

GIZA — GRASS MINIMUM TEMP. ON 6th 18.2 °

CAIRO — WATER TEMP. RIVER NILE ON 6th 26.8 °

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	6-7	—	—	13.11	-0.43
Nâsser		—	—	8.56	-0.18
Malakâl		11.00	-0.21	10.99	-0.20
J. Aulia Res.		—	—	—	—
J. Aulia D.S		—	—	—	—
Roseires		16.02	+1.35	16.24	+1.69
Sennar Res.		8.88	—	8.84	—
Kharṭûm		12.29	+0.51	11.77	+0.05
Kh. el Girba		—	—	—	—
Atbara		11.32	+0.30	11.22	+0.26
Kajnarti		—	—	133.80	+0.67
Aswân Res.		105.04	—	105.45	—
Aswân D.S		86.72	+0.06	86.71	+0.07
Roda (Cairo)		16.51	+0.90	16.51	+0.90

Discharges at Aswân measured by sluices m³ per sec.	Date	1946	1945
	6-7	1910	1620
	5-7	1910	1620

CYPRUS SYNOPTIC 8h. ON 6th
34700 00990 20100 04281 6 0000.
34800 00990 28300 05291 5 0800.

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 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 AMOUNT (N)
Clear 0
Trace 1
1 Tenth 2
2, 3 Tenths 3
4, 5, 6 Tenths 4
7, 8 Tenths 5
9 Tenths 6
Over 9 Tenths 7
Overcast 8
Fog or Dust 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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Time of Sunrise 04 59
Sunset 19 00

Month JULY 1946

DAILY WEATHER REPORT

١٩٤٦ شهر يوليه

At 14h. on SATURDAY 6th — الساعة ١٤ يوم ٦ / **At 20h. on 6th** — الساعة ٢٠ يوم ٦ السبت

STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	32	3	0	0	—	9.1	26.8	78	0	00	8	28	1	0	0	—	10.4	24.6	87	0	131
MARIUT	00	7	29	4	0	1	8	8	28	66	0	00	7	32	2	0	0	—	8	25	74	0	150
ALEXANDRIA	00	9	02	3	0	0	—	7.9	29.0	64	0	00	6	04	2	0	0	—	8.7	25.0	76	0	132
DAMIETTA	00	8	30	3	0	0	—	6.3	29.4	80	0	00	7	28	2	0	0	—	7.1	25.7	93	0	159
PORT SAʿÎD	00	8	30	3	0	0	—	6.4	30.6	68	0	00	8	30	3	0	0	—	7.6	26.2	78	0	134
EL ʿARÎSH	00	9	30	2	0	0	—	6.8	28.9	66	0	00	9	32	2	0	0	—	—	27.1	75	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	32	3	1	0	—	6.6	32.0	51	0	00	7	32	2	0	0	—	7.5	24.6	72	0	136
MANSÛRA	01	8	32	2	1	4	8	6.3	35.5	38	0	00	6	32	2	1	0	—	7.8	26.8	68	0	137
TANTA	01	8	00	0	1	4	8	6.2	34.0	45	0	00	8	32	2	1	0	—	7.9	26.3	63	0	138
ZAGAZIG	00	6	28	2	0	0	—	6.0	35.1	33	0	00	6	30	2	0	0	—	7.1	27.8	66	0	139
SHEBÎN EL KÔM	00	8	02	2	0	0	—	6.2	36.2	26	0	00	7	02	3	0	0	—	7.0	27.9	57	0	
MIDDLE EGYPT																							
CAIRO ALMAZA	00	8	00	0	0	0	—	6.1	34.8	28	0	00	7	32	3	0	0	—	6.4	30.8	42	0	14[illegible]
CAIRO EZBEKÎYA	00	8	28	2	0	0	—	6.4	35.0	24	0	00	7	02	4	0	0	—	6.8	31.0	37	0	
CAIRO GÎZA	00	8	32	1	0	0	—	6.0	35.1	26	0	00	8	32	3	0	0	—	6.3	30.0	44	0	
HELWÂN	00	8	32	3	0	0	—	5.8	34.0	22	0	00	7	32	5	0	0	—	6.6	31.2	34	0	14[illegible]
SUEZ	00	9	02	2	0	0	—	6.0	34.6	29	0	00	9	30	1	0	0	—	6.7	30.1	46	0	
UPPER EGYPT																							
[illegible]YUM	00	8	32	3	0	0	—	5.2	35.0	26	0	00	8	32	1	0	0	—	5.6	30.8	36	0	
[illegible]NYA	00	9	32	3	0	0	—	5.2	36.3	21	0	00	8	30	1	0	0	—	5.4	30.8	32	0	
[illegible]UT	00	7	22	1	0	0	—	5.8	35.3	25	0	00	6	26	1	0	0	—	5.1	30.7	27	0	
[illegible] HAMADI	00	8	00	0	0	0	—	4.6	36.4	21	0	00	8	00	0	0	0	—	5.2	28.2	49	0	
[illegible]	00	9	20	1	0	0	—	4.2	40.2	23	0	00	6	24	2	0	0	—	3.5	33.0	31	0	
[illegible]OR	00	7	04	1	0	0	—	4.0	41.2	15	0	00	6	26	2	0	0	—	4.0	33.5	28	0	
[illegible]AN	01	9	24	2	1	4	1	4.2	37.0	14	0	00	9	00	0	0	0	—	4.2	36.2	28	0	
WESTERN DESERT																							
[illegible]VA	00	8	00	0	0	0	—	10.0	35.0	51	0	00	5	32	3	0	0	—	9.1	33.0	65	0	
[illegible]HARIYA	00	9	00	0	0	0	—	—	35.2	27	0												
[illegible]	00	9	32	2	0	0	—	6.2	37.2	18	0	00		32	3	0	0	—	6.3	35.2	15	0	
[illegible]	00	9	28	3	0	0	—	6.0	36.2	25	0	00	7	28	2	0	0	—	7.1	28.8	30	0	
RED SEA																							
[illegible]	00	7	28	4	0	0	—	4.6	31.9	31	0	00	7	28	3	0	0	—	4.0	30.5	50	0	
[illegible]RGHADA	00	8	02	3	0	0	—		32.7	44	0	00	8	04	1	0	0	—		28.7	44	0	
[illegible]USEIR	00	8	02	1	0	0	—	3.8	32.8	51	0	00	8	14	1	0	0	—	4.4	29.6	49	0	
[illegible]RT SÛDÂN	02	7	20	2	1	6	8,2	2	32	41													208
NORTHERN SÛDÂN																							
WADI HALFA	01	8	26	2	1	4	1	4	39	07													
KAREIMA	01	8	20	3	1	5	8	4	39	24													[illegible]8
[illegible]BARA	18	6	18	5	3	5	4,5	5	36	40													
KHARTUM	02	8	18	4	2	7	8,6,5	6	33	44													209
KASSALA	02	8	20	3	1	6	8,4,5	8	29	59													170
CENTRAL SÛDÂN																							
WAD MEDANI	02	8	16	4	1	7	8	7	31	55													171
RENK	02	9	18	3	2	5	1	9	29	59													182
ROSEIRES	02	8	12	1	2	6	5	11?	29	66													172
EL OBEID	10	9	18	3	1	8	6	6	31	49													174
EL FÂSHER	01	9	18	1	1	4	8,1	—	30	59													175
GENEINA																							179
KADUGLI	02	8	20	3	1	6	9	10	26	79													187
S. SÛDÂN																							
MALAKÂL	02	8	16	2	1	5	8,4	10	28	70													176
WÂU																							177
JUBA	01	8	08	1	1	4	8,4	9	29	66													178

UPPER WINDS ON 6th (الرياح العليا يوم ٦)

Upper Winds are in the Code HHDDVV where HH is Height above sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

MATRÛH 12h. 45m.	MARIUT 12h. 45m.	PORT SAʿÎD 12h. 30m.	ALMÂZA h. m.	MINYA 12h. 15m.	LUXOR 13h. 15m.	HURGHÂDA h. m.	WÂDI HALFA 11h. 15m.	KAREIMA 12h. 45m.	KHARTÛM 13h. m.	KASSALA 13h. m.	EL OBEID 12h. 30m.	MALAKAL 13h. m.	JUBA 13h. m.
03 34 15	03 33 15	03 32 20		03 35 10	03 03 05		09 31 05	09 20 35	09 19 25	09 18 30	09 21 10	09 20 15	09 08 05
06 01 20	06 33 15	06 32 25		06 03 05	06 04 02		15 31 10	15 21 20	15 19 15	15 21 20	15 22 10	15 20 15	15 14 05
09 34 15	09 25 10	09 33 25		09 32 10	09 30 05		21 26 30	21 20 35		21 23 35	21 21 20	21 19 30	21 13 05
15 31 15	15 17 05	15 33 10		15 01 15	15 28 05		27 25 50	27 21 30		27 26 20		24 20 40	27 12 10
21 32 15	21 17 15				21 04 10		33 26 20	33 28 05					33 11 20
30 28 15							39 27 15	39 27 10					39 18 20
45 25 45													

Remarks

Hours are Egyptian standard time, long. 30 E. and are two hours fast on Greenwich mean time

STATION	Mean of day: Humidity % 6th	Diff. from normal	Wet Bulb Temp. 6th	Diff. from normal
Alexandria	73	-1	23.0	+0.4
Ezbekiya	51	-7	21.3	-0.8
Giza	54	-3	21.6	+0.4
Helwan	49	+3	20.5	+0.8

GIZA — GRASS MINIMUM TEMP. ON 7th 19.1°

CAIRO — WATER TEMP. RIVER NILE at 7h. ON 7th 26.9°

Discharges at Aswan measured by sluices m^3 per sec.	DATE	1946	1945
	7-7	1910	1620
	6-7	1910	1620

GAUGE	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal
Juba	7th				
Gasser				8.60	-0.18
Malakâl		11.01	-0.22	11.00	-0.21
G. Aulia Res.					
G. Aulia D.S.					
Roseires		16.20	+1.36	16.02	+1.35
Sennar Res.				8.88	
Khartum				12.29	+0.51
Khashm el Girba	7				
Atbara				11.32	+0.30
Wadi Halfa		134.05	+0.73	133.96	+0.73
Aswân Res.		104.69		105.04	
Aswân D.S.		86.72	+0.02	86.72	+0.06
Roda (Cairo)		16.49	+0.87	16.51	+0.90

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on SUNDAY 7th — الساعة ٨ يوم الأحد ٧

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press. M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				99
MATRÛH	00	9	28	2	0	3	8	10.7	0.0	24.9	27	-1	20	-1	86	0	101	161
MARIUT	00	7	30	1	0	0	—	10		27	29	—	23	—	66	0	187	138
ALEXANDRIA	01	9	04	2	1	4	4	10.3	+0.1	26.4	30	+1	23	+1	71	0	170	186
DAMIETTA	00	8	00	0	0	0	—	9.0	-0.3	28.5	32	—	24	—	81	0	81	106
PORT SAʿÎD	00	8	32	2	0	0	—	9.2	+0.4	27.1	32	+1	24	+1	75	0	71	81
EL ʿARÎSH	00	9	12	1	0	0	—	9.1	-0.1	29.4	30	0	20	0	67	0	—	94
LOWER EGYPT																		
DAMANHÛR	01	6	16	2	1	3	8	9.4	-0.1	26.2	33	0	21	+1	81	0	92	101
MANSÛRA	01	8	04	1	1	3	8	9.1	-0.3	27.8	36	+1	21	+1	77	0	66	55
TANTA	01	8	02	1	1	4	8	9.8	+0.1	27.0	35	0	20	+1	76	0	107	44
ZAGAZIG	00	6	04	1	0	0	—	9.5	-0.4	27.4	36	+1	20	+1	70	0	24	27
SHEBÎN EL KÔM	00	8	02	1	0	2	8	9.0	-1.1	27.2	37	—	21	—	70	0	36	
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	04	1	1	0	—	9.4	-0.5	25.0	37	—	22	—	81	0	10	
CAIRO EZBEKÎYA	05	6	30	2	0	0	—	9.5	-0.4	26.0	36	0	23	+2	73	0	22	26
CAIRO GÎZA	00	7	04	1	0	0	—	10.0	+0.1	26.6	36	+1	22	+3	70	0	41	27
HELWÂN	00	7	32	1	0	0	—	9.1	-0.7	26.0	36	+1	22	+1	67	0	20	29
SUEZ	00	9	30	1	0	0	—	9.5	+0.7	27.9	36	0	24	+2	67	0	—	17
UPPER EGYPT																		
FAIYÛM	00	8	32	3	0	0	—	9.0	-0.5	26.0	36	-1	23	+2	73	0	13	8
[illegible]	00	9	30	3	0	0	—	8.7	-0.2	27.6	37	0	23	+2	61	0	dr.	
[illegible]	00	7	24	1	0	0	—	8.2	-0.5	28.2	37	0	23	+1	59	0	0	4
NAG[illegible] WADI	00	8	00	0	0	0	—	80	+0.4	27.7	37	—	19	—	47	0	1	
[illegible]	00	8	24	2	0	0	—	7.4	+0.4	29.0	41	0	23	-1	41	0	13	
[illegible]	01	7	22	2	1	3	1	7.1	-0.2	35.0	42	+1	24	+1	28	0	0	
[illegible]	01	9	00	0	1	3	1	7.2	-0.2	32.0	40	-1	25	-1	28	0	dr.	
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	11.8	-0.5	25.0	37	-1	20	0	78	0	5	8
BAHARÎYA																		7
KHÂRGA	00	9	04	1	0	0	—	8.7	+0.6	28.5	38	-2	20	-3	45	0	1	
DÂKHLA	00	8	20	1	0	0	—	9.4	0.0	29.2	38	-1	24	+1	39	0	0	
RED SEA																		
TÔR	00	7	28	3	0	0	—	8.7	+0.4	28.1	38	-2	21	-3	72	0	0	13
HURGHÂDA	00	8	32	2	0	0	—			30.3	33	-1	25	+1	41	0	1	3
QUSEIR	00	8	32	2	0	0	—	6.0	-0.7	31.0	34	+1	27	+1	37	0	11	4
PORT SÛDÂN	00	7	26	2	1	3	1	6		37					37	0	35	97
NORTHERN SÛDÂN																		
WÂDI HALFA	00	8	04	1	0	2	1	8		29					20	0	tr.	
KAREIMA	01	8	18	4	1	4	4	8		32					43	0	7	3
ATBARA	01	8	20	4	1	4	4	8		31					49	0	8	12
KHARTUM	02	8	16	3	2	7	4,5	10		28					62	0	11	27
KASSALA	02	8	16	3	1	6	2,4,5	11		26					66	0	104	70
CENTRAL SÛDÂN																		
WAD MEDANI	02	9	16	4	1	7	6	10		27					70	0	71	80
RENK	02	9	14	2	1	5	1	12		26			—	—	79	—	—	194
ROSEIRES	02	8	12	1	2	7	5	—		25					84	0	361	281
EL OBEID	02	9	16	3	1	6	4	9		24					79	5	120	89
EL FÂSHER	02	9	14	3	1	6	8,4,5	—	—	26					74	0	59	48
GENEINA								—	—				—	—		—	—	106
KADUGLI	02	7	12	3	6	6	9	12		25			—	—	79	—	—	340
S. SÛDÂN																		
MALAKÂL	05	6	16	1	1	5	4,5	12		24					94	0	372	363
WÂU	01	8	20	3	1	4	4	12		24					84	0	331	577
JUBA	02	8	12	1	1	6	5	12		23					94	0	733	633

UPPER WINDS ON 7th (الرياح العليا يوم ٧)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

MATRÛH 6h. m.	MARIUT 7h. m.	PORT SAʿÎD 7h. 30m.	HELWÂN 9h. m.	MINYA 7h. m.	ASYÛT 7h. m.	LUXOR 6h. 30m.	ASWÂN 7h. m.	WÂDI HALFA 7h. 15m.	ABU HAMAD 7h. m.	KAREIMA 7h. 15m.	KHARTÛM 7h. m.
03 32 15	03 35 15	06 02 10	02 01 10	03 36 20	02 34 30	03 29 20	05 35 30	09 13 05	09 21 20	09 19 35	09 21 35
06 02 15	06 04 05	09 04 15	05 05 20	06 04 30	05 01 25	06 32 10	10 33 30	15 33 05	15 21 15	15 21 10	15 21 20
09 36 20	09 07 15	12 04 20	08 05 30	09 02 25	10 35 30	09 36 20	15 31 25	21 28 10	21 28 05	21 11 15	21 22 10
15 33 15	15 10 15	15 03 20	10 06 25	15 35 15	15 35 20	15 33 05	20 25 20		27 27 10	27 07 10	27 15 20
21 36 15	21 06 15	21 02 20	15 05 30	21 29 15		21 32 25	25 24 15		33 31 05	30 11 20	30 15 10
30 06 20	30 26 20	24 03 15	20 34 15	27 22 10		27 19 25			39 35 05	39 14 15	
45 32 25	36 21 15	27 28 20	30 00 00	30 18 05		30 20 05					
60 36 35	39 19 35	30 32 05	40 19 30	33 18 05		33 36 02					
75 27 40	42 29 35		50 32 40	36 22 10		36 04 05					

KASSALA 6h. 45m.	PORT SÛDÂN h. m.	EL OBEID 6h. 45m.	EL FÂSHER 7h. m.	GENEINA h. m.	MALAKAL 7h. m.
09 21 30		09 20 30	09 19 10		09 19 30
15 22 15		15 21 35	15 28 25		15 27 30
21 18 05		21 23 20	21 31 30		21 20 15
33 27 05			27 33 05		27 12 20
39 13 10			33 06 05		33 21 30
					39 21 40

UPPER AIR TEMP. ALMÂZA AT G.M.T. ON

HEIGHT feet	PPP m.b.	TT °F
Surface		
500		
1000		
1500		
2000		
4000		
6000		
8000		
10000		
12000		
14000		
16000		

CYPRUS SYNOPTIC 8h. ON 7th

34700	00990	08100	08271	10020	00[illegible]0
34800	00990	32200	08311	20302	00220

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	08
Distant Fog	09
Rain in sight	10
Thunder no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	13
[illegible]	
Fog or thick dust haze	[illegible]
[illegible]	
Drizzle	[illegible]
Rain	[illegible]
Snow	[illegible]
Sleet	[illegible]
Hail	[illegible]
Thunderstorm	[illegible]
Heavy with hail	[illegible]

PAST WEATHER (W)

Clear, slight cloud	[illegible]
Variable sky	[illegible]
Cloudy or overcast	[illegible]
Sandstorm or Duststorm	[illegible]
Fog, thick dust haze	[illegible]
Drizzle	[illegible]
Rain	6
Snow, sleet	[illegible]
Showers	[illegible]
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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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. 09 = East, 18 = South, 27 = West, 32 = North. 00 is Calm.

ANNUAL SUBSCRIPTION P.T. 150

Time of Sunrise 45 [illegible]
Sunset 18 57

Month JULY 1946

DAILY WEATHER REPORT

١٩٤٦ شهر يوليه

At 14h. on Sunday 7th / At 20h. on 7th

الساعة ١٤ يوم ٧/٧ — الساعة ٢٠ يوم الأحد ٧

Region	Station	14h Present weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. press. M.S.L. 1000+ mbs. (PPP)	°C Temp. (TTT)	% Humidity (UU)	Rain 8-14 h. mms	20h Present weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. press. M.S.L. 1000+ mbs. (PPP)	°C Temp. (TTT)	% Humidity (UU)	Rain 14-20 h. mms	Station number
Mediterranean	SALÛM																							130
	MATRÛH	00	9	30	2	0	0	—	10.7	26.6	—	0	00	8	30	1	0	0	—	11.5	25.2	79	0	131
	MARIUT	00	8	29	3	0	2	8	9	28	66	0	00	8	32	2	0	1	6	10	25	79	0	150
	ALEXANDRIA	00	9	04	3	0	0	—	9.5	28.6	66	0	00	6	04	3	0	0	—	10.4	26.9	76	0	132
	DAMIETTA	00	8	30	3	0	0	—	8.4	29.9	72	0	00	7	30	3	0	0	—	8.7	26.1	97	0	159
	PORT SA'ÎD	00	8	32	3	0	0	—	8.4	30.8	63	0	01	8	04	3	1	4	8	9.4	26.2	87	0	134
	EL 'ARÎSH	00	9	28	2	0	0	—	8.6	30.2	53	0	00	9	32	1	0	0	—	6.2	27.1	79	0	135
Lower Egypt	DAMANHÛR	00	7	08	3	0	0	—	8.4	33.3	50	0												136
	MANSÛRA	01	6	02	2	1	3	8	8.2	35.8	29	0	00	6	00	2	1	0	—	4.5	26.6	74	0	137
	TANTA	00	8	00	0	1	3	8	8.4	35.4	29	0	00	8	00	0	0	0	—	8.9	27.6	65	0	138
	ZAGAZIG	00	6	20	1	0	0	—	8.2	34.9	28	0	00	6	24	2	0	0	—	8.8	28.6	64	0	139
	SHEBÎN EL KÔM	00	8	02	2	0	2	8	7.5	35.8	28	0	00	7	02	2	0	0	—	8.3	28.3	57	0	—
Middle Egypt	CAIRO ALMÂZA	00	8	29	2	0	0	—	7.6	36.2	29	0	00	7	04	4	0	0	—	9.0	31.2	28	0	141
	CAIRO EZBEKÎYA	00	9	28	1	0	0	—	8.2	35.4	31	0	00	8	02	[illegible]	0	0	—	9.0	31.7	35	0	—
	CAIRO GÎZA	00	7	30	2	0	0	—	7.8	36.1	25	0	00	7	02	2	0	0	—	9.1	30.8	48	0	—
	HELWÂN	00	8	32	3	0	0	—	6.7	35.2	19	0	00	7	02	5	0	0	—	7.8	32.2	24	0	143
	SUEZ	00	9	30	1	0	0	—	7.4	35.7	25	0	00	9	32	2	0	0	—	8.0	31.4	29	0	144
Upper Egypt	FAIYÛM	00	8	32	3	0	0	—	6.8	35.3	23	0	00	8	32	1	0	0	—	7.4	30.4	40	0	153
	MINYA	00	8	30	3	0	0	—	6.4	37.9	25	0	00	8	02	1	0	0	—	7.4	31.4	36	0	154
	ASYÛT	00	8	28	1	0	0	—	6.8	36.3	25	0	00	6	32	1	0	0	—	7.5	30.0	37	0	155
	NAG' HAMÂDI	00	8	00	0	0	0	—	6.8	36.6	21	0	00	8	00	0	0	0	—	6.0	27.8	54	0	164
	QENA	01	8	26	2	0	3	1	5.8	40.0	22	0	00	9	24	1	1	0	—	5.9	36.2	23	0	156
	LUXOR	01	7	22	2	1	4	1	5.1	40.5	17	0	00	6	26	2	0	0	—	5.6	34.0	38	0	157
	ASWÂN	00	9	34	2	0	0	—	5.4	38.7	16	0	00	9	35	2	0	0	—	5.8	32.0	16	0	158
Western Desert	SÎWA	00	8	00	0	0	0	—	11.1	34.7	54	0	00	—	00	0	0	0	—	10.6	32.6	58	0	148
	BAHARÎYA	00	9	00	0	0	0	—	—	36.4	32	0	00	—	08	1	0	0	—	11.5	27.0	47	0	149
	KHÂRGA	00	9	30	3	0	0	—	7.5	—	—	0	00	9	32	2	0	0	—	6.6	34.4	28	0	151
	DAKHLA	00	9	24	2	0	0	—	7.6	36.2	28	0	00	7	30	1	0	0	—	9.0	28.9	31	0	152
Red Sea	TÔR	00	7	28	4	0	0	—	6.0	30.9	62	0	00	7	28	3	0	0	—	—	28.9	61	0	145
	HURGHADA	00	8	02	3	0	0	—	—	31.6	63	0	00	8	04	1	0	0	—	—	27.6	52	0	146
	QUSEIR	00	8	02	3	0	0	—	5.8	33.4	47	0	00	8	32	2	0	0	—	6.2	30.7	42	0	147
	PORT SÛDÂN	01	8	08	4	1	5	8,3	3	40	28													208
North Sûdân	WÂDI HALFA																							165
	KAREIMA																							166
	'ATBARA																							167
	KHARTÛM	02	8	12	4	2	6	9,4	6	35	35													209
	KASSALA																							170
Central Sûdân	WAD MEDANI																							171
	RENK																							182
	ROSEIRES																							172
	EL OBEID																							174
	EL FÂSHER																							175
	GENEINA																							179
	KADUGLI																							187
S. Sûdân	MALAKÂL																							176
	WÂU																							177
	JUBA																							178

Upper Winds on 7th

الرياح العليا يوم ٧

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH 13h. m.	MARIUT 12h.45m.	PORT SA'ÎD 13h. m.	ALMÂZA h. m.	MINYA 13h. m.	LUXOR 13h.30m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM 13h. m.	KASSALA 13h. m.	EL OBEID 13h. m.	MALAKAL 13h. m.	JUBA 13h. m.
03 25 30	03 22 20	03 01 10		03 30 15	03 26 20				09 18 40	09 20 30	09 23 30	09 19 15	09 19 05
06 25 15	06 24 05	06 01 10		06 36 05	06 24 15				15 21 25	15 20 30	15 23 20	15 22 20	15 22 05
09 30 15	09 01 05			09 35 05	09 27 30				21 15 15	21 21 20	21 21 15	21 23 30	21 22 10
12 30 15				12 01 05	12 28 25				24 14 20	27 27 10	27 18 10		
15 30 15				15 02 05	15 27 30				30 12 15	33 30 15	33 11 05		
21 35 15					18 28 15								
24 02 30													
29 36 15													
51 29 20													

Remarks

Hours are Egyptian standard time, long. 30 E. and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 7th	Diff from normal	Wet bulb temp °C on 7th	Diff from normal
Alexandria	70	-4	22.2	+0.6
[illegible]salya	51	-7	22.2	0.0
Giza	55	-3	22.5	+1.8
Helwan	43	-3	20.3	+0.5

GIZA — Grass minimum temp on 8th 19.4°

CAIRO — Water temp River Nile on 8th 26.9°

Discharges at Aswan measured by sluices m³ per sec.	Date	1946	1945
	8-7	1910	1620
	7-7	1910	1620

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	7				
Nasser				8.63	-0.19
Malakâl		11.08	-0.23	11.01	-0.22
J. Aulia Res.				372.09	—
J. Aulia D.S.				372.09	+0.24
Roseires		16.94	+0.99	16.20	+1.36
Sennar Res.					
Khartum		12.55	+0.61	12.52	+0.65
Kh. el Girba					
Atbara		11.62	+0.50	11.47	+0.40
Kajnarti				130.05	+0.73
Aswân Res.		104.37	—	104.19	—
Aswân D.S.		86.72	-0.02	86.72	+0.02
Roda (Cairo)		16.49	+0.86	16.49	+0.87

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on Monday 8th

الساعة ٨ يوم الاثنين ٨

Region	Station	Present weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Temp. Dry bulb °C (TTT)	Maximum Yesterday °C	Max. Diff. from norm. °C	Minimum Today °C	Min. Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Mediterranean	SALÛM												—		—				99
	MATRÛH	00	9	28	3	0	0	—	12.2	+1.6	25.6	27	-1	21	0	89	0	101	161
	MARIUT	00	8	29	2	0	1	6	11	—	27	29	—	19	—	74	0	187	138
	ALEXANDRIA	00	9	04	1	0	0	—	11.1	+1.0	27.0	30	+1	23	+1	75	0	170	186
	DAMIETTA	00	8	28	1	1	0	—	9.9	+0.7	27.6	31	—	24	—	84	0	81	100
	PORT SA'ÎD	00	8	02	2	0	0	—	9.9	+1.2	27.1	31	0	24	+1	77	0	71	81
	EL 'ARÎSH	00	9	20	1	0	0	—	10.4	+1.3	29.6	30	0	20	0	70	0	—	94
Lower Egypt	DAMANHÛR	00	7	04	3	0	0	—	10.7	+1.2	26.2	33	0	21	+1	81	0	92	161
	MANSÛRA	00	8	32	1	0	0	—	10.7	+1.4	27.5	37	+2	20	0	77	0	66	55
	TANTA	02	8	00	0	2	5	8	11.0	+1.3	25.0	36	+1	19	0	87	0	107	44
	ZAGAZIG	00	6	28	2	0	0	—	10.3	+0.5	28.8	36	+1	22	+3	78	0	24	27
	SHEBÎN EL KÔM	01	7	24	1	4	4	8	10.2	+0.2	26.4	37	—	21	—	79	0	36	—
Middle Egypt	CAIRO ALMAZA	05	6	04	1	4	4	6	9.8	0.0	26.2	37	—	22	—	77	[illegible]	10	—
	CAIRO EZBEKÎYA	05	6	32	2	1	4	8	10.3	+0.5	26.4	37	+1	23	+2	79	0	22	26
	CAIRO GÎZA	00	7	32	1	1	2	8	10.8	+1.0	27.2	36	+1	23	+4	76	0	41	27
	HELWÂN	00	7	32	1	0	0	—	9.4	-0.3	28.4	37	+2	23	+2	50	0	20	29
	SUEZ	00	9	30	2	0	0	—	10.2	+1.5	28.9	38	+2	24	+2	57	0	—	17
Upper Egypt	FAIYÛM	00	8	32	3	0	0	—	9.6	+0.2	28.0	37	0	23	+2	65	0	13	8
	MINYA	00	9	02	2	0	0	—	8.8	-0.1	28.8	38	+1	23	+2	61	0	tr	—
	ASYÛT	00	8	32	1	0	0	—	8.7	+0.1	29.5	37	0	22	0	38	0	0	4
	NAG' HAMÂDI	00	8	00	0	0	0	—	8.0	+0.4	29.0	37	—	20	—	47	0	1	—
	QENA	00	8	24	1	0	0	—	6.6	-0.4	30.2	41	0	25	+1	36	0	13	—
	LUXOR	00	7	22	2	0	0	—	7.6	+0.4	36.5	41	0	24	+1	23	0	0	—
	ASWÂN	00	9	26	1	0	0	—	8.0	+0.7	32.5	40	-1	28	0	30	0	tr	
Western Desert	SÎWA	00	7	00	0	0	0	—	12.8	+0.5	24.0	36	-2	18	-2	85	0	5	8
	BAHARÎYA	00	9	00	0	0	0	—	11.9	+1.6	29.2	38	+1	20	0	47	0	0	7
	KHÂRGA	00	9	00	0	0	0	—	9.5	+1.5	28.2	38	-2	23	0	42	0	1	—
	DÂKHLA	00	8	20	1	0	0	—	9.9	+0.6	28.8	38	-1	25	+2	39	0	0	
Red Sea	TÔR	00	7	04	3	0	0	—	7.1	+0.9	27.2	35	+1	23	-1	78	0	0	13
	HURGHÂDA	00	8	32	2	0	0	—	—	—	30.0	32	-3	23	-1	40	0	1	3
	QUSEIR	00	8	30	2	0	0	—	6.4	-0.2	30.0	34	+1	26	0	45	0	11	4
	PORT SÛDÂN	01	8	00	0	1	4	2	6		38					37	0	35	98
North Sûdân	WÂDI HALFA	01	8	26	1	1	4	1	8		29					25	0	tr	—
	KAREIMA	01	8	18	2	1	4	4	9		28					70	11	18	4
	'ATBARA	01	8	19	2	1	4	4	9		29					66	4	12	13
	KHARTÛM	00	8	14	2	1	2	4,1	10		28					62	0	11	29
	KASSALA	01	8	20	1	0	5	6,4	11		27					70	0	104	73
Central Sûdân	WAD MEDANI	01	9	18	1	1	5	3	10		28					66	0	71	84
	RENK	02	8	28	2	2	5	6	12		23		—		—	84	—	—	198
	ROSEIRES	02	8	12	1	2	6	5	13		23					84	0	361	288
	EL OBEID	02	9	16	3	8	7	6,4	11		24					84	7	127	92
	EL FÂSHER	02	9	12	3	1	7	6,4	—	—	25					79	0	59	50
	GENEINA	01	8	22	2	1	4	4	—	—	24		—		—	65	—	—	110
	KADUGLI	02	8	12	3	1	6	9	14		22		—		—	83	—	—	345
S. Sûdân	MALAKÂL	02	8	22	2	1	6	6	15		21					94	1	373	368
	WÂU	02	7	00	0	5	8	9,4	13		21					88	3	334	583
	JUBA	02	8	00	0	1	8	4,5	14		22					94	0	733	637

Upper Winds on 8th

الرياح العليا يوم ٨

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH 6h.30m.	MARIUT 6h.30m.	PORT SA'ÎD 6h.30m.	HELWÂN 8h.45m.	MINYA 7h. m.	ASYÛT 7h. m.	LUXOR h. m.	ASWÂN 7h. m.	WÂDI HALFA 7h.45m.	ABU HAMAD 7h. m.	KAREIMA 7h.15m.	KHARTÛM 7h. m.
03 35 20	03 03 20	03 04 10	02 03 25	03 36 30	03 36 15		02 36 10	09 30 05	09 26 20	09 30 15	09 17 20
06 01 20	06 03 35	06 06 25	05 05 40	06 04 45	05 02 20		05 36 30	15 29 10	15 30 10	15 06 05	15 17 30
09 01 15	09 03 15	09 05 25	08 04 30	09 02 40	10 35 20		10 24 20	21 25 15	21 05 05	21 05 05	21 19 25
15 02 35	12 05 15	15 05 30	10 04 30	15 35 20	15 24 10			27 24 30	27 10 10	24 05 05	24 18 20
21 01 35	21 03 20		15 36 15	21 33 05	20 18 10			33 25 25	33 13 20	30 16 15	27 20 20
30 03 40	27 06 25		20 31 05	30 18 20	25 16 15				39 16 20		
45 03 30	30 05 10										
57 02 30	39 36 02										
	48 30 30										

KASSALA 6h.45m.	PORT SÛDÂN 9h. m.	EL OBEID 7h.45m.	EL FÂSHER h. m.	GENEINA 7h. m.	MALAKAL h. m.
09 20 20	09 29 10	09 19 20		09 25 25	
15 23 30	15 29 35	15 21 30		15 24 40	
21 23 30	21 32 20	21 23 20		21 29 15	
27 25 70	27 32 40	27 25 20		27 02 15	
		33 25 05		33 03 35	
				39 04 25	

Upper Air Temp. Almâza at G.M.T. on

Height feet	P.P.P. m.b.	T.T. °F	
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

Cyprus synoptic 3h. on 8th

34700 00990 08100 09311 20XXX 00170.
34800 00890 28200 10301 00502 00210.

Annual Subscription P.T. 150

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	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 Amount (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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)

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

Time of Sunrise 06 00 (h. m.)
Sunset 18 59

Month JULY 1946

DAILY WEATHER REPORT

شهر يوليه ١٩٤٦

At 14h. on MONDAY 8th (الساعة ١٤ يوم ٨ الاثنين) — At 20h. on 8th (الساعة ٢٠ يوم ٨ الاثنين)

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 h. mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20 h. mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	30	2	0	0	—	12.3	27.2	75	0	00	8	00	0	0	0	—	12.3	25.5	80	0	131
MARIUT	00	8	29	3	0	1	8	10	30	52	0	00	7	31	2	0	0	—	10	25	84	0	150
ALEXANDRIA	01	9	04	3	1	3	8	10.7	29.2	67	0	01	6	04	1	2	3	4	11.4	25.4	82	0	132
DAMIETTA	00	8	30	3	0	0	—	9.2	30.6	74	0	00	7	30	2	0	0	—	9.5	26.8	90	0	159
PORT SA'ÎD	00	8	30	3	0	0	—	9.4	31.0	61	0	00	8	30	3	0	0	—	9.4	26.7	83	0	134
EL 'ARÎSH	00	9	28	2	0	0	—	9.9	28.7	65	0	00	9	32	1	0	0	—	9.2	28.2	70	0	135
LOWER EGYPT																							
DAMANHÛR	00	6	08	4	0	0	—	9.9	33.7	48	0	00	7	32	2	0	0	—	10.7	24.6	78	0	136
MANSÛRA	01	8	02	2	1	3	8	9.4	34.8	33	0	00	6	32	2	1	0	—	9.9	27.4	62	0	137
TANTA	00	9	32	1	0	0	—	9.6	35.0	26	0	00	8	00	0	0	0	—	9.3	26.0	68	0	138
ZAGAZIG	00	6	32	2	0	3	1	9.0	35.8	27	0	00	6	32	2	0	0	—	8.7	28.0	60	0	139
SHEBÎN EL KÔM	00	8	04	2	0	1	8	9.0	35.3	26	0	00	7	02	3	0	0	—	8.8	28.4	57	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	04	2	0	0	—	7.8	35.8	22	0	00	7	02	3	0	0	—	8.7	31.5	29	0	141
CAIRO EZBEKÎYA	00	9	32	2	0	0	—	9.1	35.3	30	0	00	6	32	4	0	0	—	9.0	30.8	38	0	—
CAIRO GÎZA	00	8	30	2	0	0	—	9.3	35.1	28	0	00	8	30	3	0	0	—	9.6	30.1	38	0	—
HELWÂN	00	8	00	0	0	0	—	6.2	35.8	19	0	00	7	02	4	0	0	—	6.6	31.8	24	0	143
SUEZ	00	9	30	2	0	0	—	8.2	35.9	29	0	00	9	30	2	0	0	—	8.8	29.9	48	0	144
UPPER EGYPT																							
FAIYÛM	00	8	32	3	0	0	—	7.6	35.2	23	0	00	8	32	1	0	0	—	7.9	31.4	30	0	153
MINYA	00	9	32	3	0	0	—	7.5	38.6	20	0	00	9	32	2	0	0	—	7.4	31.7	30	0	154
ASYÛT	00	8	30	1	0	0	—	7.1	38.0	19	0	00	8	28	1	0	0	—	7.0	32.0	28	0	155
NAG HAMÂDI	00	8	00	0	0	0	—	5.1	38.2	20	0	00	6	00	0	0	0	—	5.6	28.6	46	0	164
QENA	00	9	20	1	0	0	—	5.0	40.6	29	0	00	6	24	1	0	0	—	5.0	32.3	26	0	156
LUXOR	00	7	26	3	0	0	—	5.0	41.5	18	0	00	6	26	2	0	0	—	5.6	32.5	26	0	157
ASWÂN	00	9	28	3	0	0	—	5.5	39.2	17	0	00	9	26	2	0	0	—	6.2	35.0	24	0	158
WESTERN DESERT																							
SÎWA	00	8	02	2	0	0	—	12.0	36.6	42	0	00	7	00	0	0	0	—	13.0	33.0	52	0	148
BAHARÎYA	00	9	00	0	0	0	—	10.4	35.0	32	0	00		32	1	0	0	—	10.6	27.0	57	0	149
KHÂRGA	00	9	04	1	0	0	—	6.6	36.8	28	0	00		00	0	0	0	—	5.9	35.8	43	0	151
DAKHLA	00	9	30	3	0	0	—	7.5	36.8	24	0	00	7	28	2	0	0	—	6.0	29.2	24	0	152
RED SEA																							
TÔR	00	7	28	4	0	0	—	6.4	31.8	51	0	00	7	28	3	0	0	—	5.6	29.2	56	0	145
HURGHÂDA	00	8	02	2	0	0	—	—	31.6	24	0	00	8	32	1	0	0	—		29.2	41	0	146
QUSEIR	00	8	02	2	0	0	—	6.2	33.0	50	0	00	8	04	2	0	0	—	6.0	30.6	46	0	147
PORT SÛDÂN	00	8	08	4	1	3	3,4	4	39	38													[illegible]
NORTH SÛDÂN																							
WÂDI HALFA	01	8	24	2	1	4	2	6	41	10													165
KAREIMA	01	8	20	2	1	4	8,1	7	36	35													166
'ATBARA	01	8	18	4	1	5	8,4	5	36	37													167
KHARTÛM	01	8	20	3	1	5	8	7	34	36													[illegible]
KASSALA	02	8	22	1	1	5	8,2	6	34	41													170
CENTRAL SÛDÂN																							
WAD MEDANI	02	8	18	4	1	6	8	6	34														171
RENK	01	9	18	3	1	5	8	9	29	66													182
ROSEIRES	01	8	20	1	1	4	8	9	30	55													172
EL OBEID	01	8	18	4	1	5	9	7	30	49													174
EL FASHER	11	9	18	2	1	6	8,8,6	—	33	47													175
GENEINA																							179
KADUGLI	01	8	20	4	1	4	9	10	28	58													187
S. SÛDÂN																							
MALAKÂL	02	8	18	1	1	5	4	10	28	58													176
WÂU	02	8	12	2	1	7	6,4	8	27	79													177
JUBA	06	4	19	5	2	8	6,4,5	11	27	70													178

UPPER WINDS ON 8th (الرياح العليا يوم ٨ الاثنين)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
13 h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13 h. 15 m.	11 h. 30 m.	h. m.	13 h. m.	13 h. m.	13 h. m.	13 h. m.
03 36 15							09 29 05	09 21 20		09 20 25	09 22 35	09 21 02	09 12 10
06 36 20							15 23 15	15 19 15		15 21 65	15 22 35	15 25 35	15 12 10
09 02 30							21 26 25	21 09 15		21 22 45	21 19 10	21 23 30	
15 01 30							27 23 30	27 10 25		27 26 25	27 28 05	27 22 40	
21 02 25							33 21 30	33 13 30				33 23 45	
30 03 30							39 23 20	39 11 50				39 22 35	
39 03 50													
51 29 15													
57 28 30													

Remarks

Hours are Egyptian standard time long. 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 8th	Diff. from normal	Wet bulb temp °C on 8th	Diff. from normal
Alexandria	74	0	23.9	+1.3
Ezbekiya	55	−3	22.5	+0.3
Gîza	53	−5	22.2	+0.9
Helwân	34	−12	20.2	+0.4

GÎZA — Grass minimum temp on 9th 19.2° t

CAIRO — Water temp River Nile at 9h. on 9th 27.0° t

Discharges at Aswân measured by sluices m³ per sec	Date	1946	1945
	9-7	1910	1620
	8-7	1910	1620

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				12.98	−0.56
Nasser				8.65	−0.21
Malakâl		11.03	−0.23	11.02	−0.23
J. Aulia Res.				372.22	
J. Aulia D.S.				372.22	+0.31
Roseires	9th	16.00	+0.95	15.94	+0.99
Sennar Res.				4.82	
Khartûm				12.55	+0.61
Kh. el Girba				12.45	+0.16
'Atbara		12.10	+0.91	11.62	+0.50
Kajnarti				134.08	+0.69
Aswân Res.		104.08		104.37	
Aswân D.S.		86.72	−0.05	86.72	−0.02
Roda (Cairo)				16.49	+0.86

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on TUESDAY 9th (الساعة ٨ يوم ٩ الثلاثاء)

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm.	Min. Today °C	Min. Diff. from norm.	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				99
MATRÛH	01	9	28	3	0	3	8	11.1	+0.6	25.5	28	0	21	0	90	0	101	161
MARIUT	00	8	27	2	0	1	8	9		27	30	—	24	—	70	0	187	138
ALEXANDRIA	01	9	26	2	2	4	4	9.9	−0.1	26.0	30	+1	23	+1	76	0	170	186
DAMIETTA	00	8	30	1	1	0	—	8.8	−0.3	28.0	32	—	24	—	85	0	81	106
PORT SA'ÎD	00	8	32	2	0	0	—	8.8	+0.2	28.0	31	0	25	+2	71	0	71	81
EL 'ARÎSH	00	9	32	2	0	0	—	8.7	−0.3	28.2	29	−1	22	+2	71	0	—	94
LOWER EGYPT																		
DAMANHÛR	00	7	32	3	0	0	—	9.6	+0.2	27.3	35	+2	21	+1	75	0	92	101
MANSÛRA	00	8	02	1	0	0	—	9.4	+0.1	27.8	36	+1	23	+3	71	0	66	55
TANTA	00	8	24	1	0	0	—	9.6	0.0	26.3	35	0	19	0	82	0	107	44
ZAGAZIG	00	6	24	2	0	0	—	9.1	−0.7	28.0	36	+1	22	+3	70	0	24	27
SHEBÎN EL KÔM	09	6	24	1	4	5	0	9.2	−0.8	25.3	36	—	21	—	83	0	36	—
MIDDLE EGYPT																		
CAIRO ALMAZA	05	6	04	1	1	1	8	9.2	−0.5	25.2	37	—	22	—	76	0	10	—
CAIRO EZBEKÎYA	09	6	30	2	1	4	6	10.0	+0.3	25.8	36	0	22	+2	70	0	22	26
CAIRO GÎZA	01	7	30	2	2	4	8	9.8	0.0	25.1	36	+1	22	+3	77	0	41	27
HELWÂN	00	7	30	2	0	0	—	9.2	−0.4	25.2	37	+2	22	+1	74	0	20	29
SUEZ	00	9	32	2	0	0	—	9.1	+0.4	27.3	38	+2	22	0	77	0	—	17
UPPER EGYPT																		
FAIYÛM	00	8	32	3	0	0	—	9.1	−0.3	26.2	37	0	23	+2	66	0	13	8
MINYA	00	9	32	3	0	0	—	8.4	−0.4	27.5	39	+2	23	+2	64	0	dr.	—
ASYÛT	00	7	26	1	0	0	—	8.2	−0.4	28.5	39	+2	22	0	50	0	0	4
NAG HAMÂDI	00	9	00	0	0	0	—	6.8	−0.7	29.0	39	0	23	0	50	0	1	—
QENA	00	8	22	2	0	0	—	6.0	−0.9	29.4	41	0	24	0	40	0	13	—
LUXOR	00	7	26	2	0	0	—	6.6	−0.6	25.5	43	+2	26	+3	29	0	0	—
ASWÂN	00	9	00	0	0	0	—	6.8	−0.5	32.5	40	−1	27	+1	28	0	dr.	
WESTERN DESERT																		
SÎWA	00	7	28	2	0	0	—	12.7	+0.5	24.2	38	0	20	−1	83	0	5	8
BAHARÎYA	00	9	00	0	0	0	—	11.0	+0.7	27.1	37	0	20	0	56	0	0	7
KHÂRGA	00	9	32	2	0	0	—	9.2	+1.2	30.9	38	−2	25	+2	39	0	1	—
DÂKHLA	00	9	28	2	0	0	—	9.8	+0.6	29.7	38	−1	25	+2	42	0	0	—
RED SEA																		
TÔR	00	7	28	3	0	0	—	6.4	+0.2	28.2	32	−2	25	+1	68	0	—	13
HURGHÂDA	00	8	30	2	0	0	—			30.6	34	−1	23	−1	38	0	1	3
QUSEIR	00	8	32	2	0	0	—	5.2	−1.4	31.0	24	0	26	0	48	0	11	4
PORT SÛDÂN	00	8	00	0	0	1	1	5		38					35	0	35	98
NORTH SÛDÂN																		
WÂDI HALFA	00	8	00	0	0	0	—	8		30					17	0	tr	—
KAREIMA	61	7	16	4	4	5	6,4,5	9		28					76	tr	18	4
'ATBARA	61	6	16	1	6	6	4,5	9		36					44	14	26	13
KHARTÛM	02	8	14	4	6	5	7,4	12		23					94	tr	11	30
KASSALA	62	8	18	3	1	5	6,4,5	12		24					84	0	104	76
CENTRAL SÛDÂN																		
WAD MEDANI	81	9	18	2	2	8	9	12		25					70	tr	71	88
RENK	02	9	18	2						25				—		—	—	202
ROSEIRES	01	8	12	1	0	4	4	14		26					29	0	361	294
EL OBEID	01	8	14	4	1	4	8,4	12		26					74	0	127	95
EL FÂSHER	02	8	14	2	1	6	8,5	—	—	22					74	3	62	52
GENEINA	01	8	20	4	1	5	6,4	—	—	22		—		—	83	—	—	115
KADUGLI	02	8	24	3	1	5	9	12		24		—		—	74	—	—	350
S. SÛDÂN																		
MALAKÂL	02	8	12	1	1	5	4,5	12		22					94	0	373	373
WÂU	02	8	00	0	8	8	6,4	12		22					88	2	236	589
JUBA	02	8	32	1	2	5		13		22					94	1	734	641

UPPER WINDS ON 9th (الرياح العليا يوم ٩ الثلاثاء)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
7 h. 15 m.	6 h. 45 m.	7 h. m.	9 h. m.	h. m.	7 h. m.	7 h. m.	7 h. m.	h. m.	h. m.	h. m.	h. m.
03 20 20	03 35 10	03 09 05	02 33 25		02 24 20	03 30 05	02 32 05				
06 25 25	06 35 10	06 01 15	05 01 25		05 35 20	06 33 15	05 35 25				
09 36 30	09 34 10	09 02 15	08 04 45		10 35 20	09 34 20	10 35 25				
15 02 35	12 35 15	12 36 10	10 04 40			15 04 02	15 32 20				
21 23 30	15 01 20	15 34 10	15 04 20			18 21 05	20 35 20				
30 24 30	18 04 20	18 04 10	20 09 10			21 04 02					
	21 02 10	21 09 02	25 14 15			27 15 05					
	27 31 10	27 17 05	30 18 30			30 11 05					
	30 28 05	30 18 05	27 17 35			39 04 10					

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.

CYPRUS SYNOPTIC AT ON 9th

34700 00970 08100 07301 70902 00170
34800 00990 24300 07311 20805 00210

UPPER AIR TEMP. ALMÂZA AT 6h G.M.T. ON 9th

HEIGHT FEET	P.P.P. m.b.	TT	
Surface	1000	76	72
500	982	71	68
1000	964	70	67
1500	947	76	56
2000	930	75	55
4000	864	68	49
6000	801	62	48
8000	743	55	41
10000	688	50	31
12000	636	48	28
14000	588	45	27
16000	542	41	29

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

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

ANNUAL SUBSCRIPTION P.T. 150

Time of Sunrise 05 01 h. m.
Sunset 18 59

Month JULY 1946

DAILY WEATHER REPORT

شهر يوليه ١٩٤٦

At 14h. on TUESDAY 9th — الساعة ١٤ يوم ٩

	STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 8-14 h. mms
MEDITERRANEAN	SALÛM											
	MATRÛH	01	9	30	3	1	3	8	10.8	27.4	79	0
	MARIUT	00	8	24	4	0	0	—	8	29	66	0
	ALEXANDRIA	00	9	30	2	0	0	—	8.8	30.0	61	0
	DAMIETTA	00	8	30	3	0	0	—	7.8	31.0	55	0
	PORT SA'ÎD	00	8	30	3	0	0	—	7.6	31.3	63	0
	EL 'ARÎSH	00	9	28	2	0	0	—	8.0	28.8	69	0
LOWER EGYPT	DAMANHÛR	00	6	04	2	0	0	—	8.2?	34.3	42	0
	MANSÛRA	00	8	02	2	0	0	—	7.5	35.5	28	0
	TANTA	00	8	28	1	0	0	—	7.8	35.0	30	0
	ZAGAZIG	00	6	32	2	0	0	—	7.4	35.0	37	0
	SHEBÎN EL KÔM	00	8	28	2	0	0	—	7.1	36.6	24	0
MIDDLE EGYPT	CAIRO ALMÂZA	00	8	04	3	0	0	—	7.5	35.1	26	0
	CAIRO EZBEKÎYA	00	9	32	2	0	0	—	7.5	35.2	24	0
	CAIRO GÎZA	00	7	30	3	0	0	—	7.5	35.1	26	0
	HELWÂN	00	8	30	5	0	0	—	6.6	35.0	22	0
	SUEZ	00	9	30	2	0	0	—	6.6	35.6	29	0
UPPER EGYPT	FAIYÛM	00	8	32	3	0	0	—	6.6	35.0	23	0
	MINYA	00	9	30	3	0	0	—	6.4	37.7	22	0
	ASYÛT	00	8	22	1	0	0	—	6.6	36.3	26	0
	NAG' HAMÂDI	00	8	00	0	0	0	—	5.5	36.4	29	0
	QENA	00	9	22	2	0	0	—	3.6?	40.0	25	0
	LUXOR	00	7	22	2	0	0	—	4.7	41.8	19	0
	ASWÂN	00	9	28	2	0	0	—	4.7	39.4	16	0
WESTERN DESERT	SÎWA	00	8	28	3	0	0	—	12.0	36.2	39	0
	BAHARÎYA	00	9	00	0	0	0	—	9.3	36.0	29	0
	KHÂRGA	00	9	30	1	0	0	—	5.4	37.8	15	0
	DAKHLA	00	9	32	3	0	0	—	7.6	36.9	26	0
RED SEA	TÔR	00	7	28	4	0	0	—	4.8	31.2	61	0
	HURGHADA	00	8	32	2	0	0	—		32.2	50	0
	QUSEIR	00	8	04	1	0	0	—	4.6	33.0	50	0
	PORT SÛDÂN											
NORTH SÛDÂN	WÂDI HALFA	00	8	30	2	0	1	8,1	5	41	11	
	KAREIMA											
	'ATBARA	01	8	20	2	1	4	8,1	7	34	41	
	KHARTÛM	02	8	18	4	2	5	8,4,5	8	31	18	
	KASSALA	01	8	22	2	1	4	8,4,2	8	32	41	
CENTRAL SÛDÂN	WAD MEDANI	02	8	16	4	2	6	8	7	34	32	
	RENK	01	9	18	3	1	5	6	8	32	43	
	ROSEIRES	02	8	12	1	1	7	8	—	30	59	
	EL OBEID	10	9	16	3	1	5	8,4	6	32	36	
	EL FASHER											
	GENEINA	10	9	18	3	1	5	6	—	32	43	
	KADUGLI											
S. SÛDÂN	MALAKAL											
	WÂU											
	JUBA											

At 20h. on 9th — الساعة ٢٠ يوم الثلاثاء ٩

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 14-20 h. mms	STATION NUMBER
SALÛM												130
MATRÛH	01	8	28	3	1	4	8	10.6	25.0	84	0	131
MARIUT	00	8	29	3	0	0	—	8	26	70	0	150
ALEXANDRIA	00	6	04	1	0	0	—	9.1	26.0	69	0	132
DAMIETTA	00	8	28	2	0	0	—	7.4	26.2		0	159
PORT SA'ÎD	00	8	30	3	0	0	—	7.4	26.7	73	0	134
EL 'ARÎSH	00	9	24	1	0	0	—	7.5	27.7	74	0	135
DAMANHÛR	00	7	32	2	0	0	—		24.8	78	0	136
MANSÛRA	00	6	04	2	0	0	—	7.6	27.0	61	0	137
TANTA	00	8	32	1	0	0	—	7.9	27.3	57	0	138
ZAGAZIG	00	6	32	2	0	0	—	7.5	28.0	64	0	139
SHEBÎN EL KÔM	00	7	02	2	0	0	—	8.0	28.7	55	0	—
ALMÂZA	00	7	04	3	0	0	—	6.6	32.7	31	0	141
EZBEKÎYA	00	8	02	2	0	0	—	7.9	30.9	44	0	—
GÎZA	00	8	02	3	0	0	—	7.0	31.9	36	0	—
HELWÂN	00	7	32	4	0	0	—	5.9	32.7	30	0	143
SUEZ	00	9	30	2	0	0	—	6.6	32.1	36	0	144
FAIYÛM	00	8	32	1	0	0	—	5.8	31.2	32	0	153
MINYA	00	8	28	1	0	0	—	6.3	31.1	38	0	154
ASYÛT	00	6	26	1	0	0	—	6.3	31.4	31	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	6.0	28.3	41	0	164
QENA	00	6	22	2	0	0	—	4.3	32.4	32	0	156
LUXOR	00	6	26	3	0	0	—	4.7	35.0	24	0	157
ASWÂN	00	9	28	2	0	0	—		35.0	11	0	158
SÎWA	00		00	0	0	0	—	10.8	33.0	37	0	148
BAHARÎYA	00		00	0	0	0	—	—	26.5	53	0	149
KHÂRGA	00		00	0	0	0	—	6.4	34.0	53	0	151
DAKHLA	00	7	28	2	0	0	—	9.1	28.4	22	0	152
TÔR	00	7	28	3	0	0	—	—	31.1	58	0	[illegible]
HURGHADA	00	8	32	2	0	0	—		29.2	43	0	143
QUSEIR	00	8	04	1	0	0	—	4.8	31.2	46	0	147
PORT SÛDÂN												208
WÂDI HALFA												165
KAREIMA												166
'ATBARA												167
KHARTÛM												169
KASSALA												170
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FASHER												175
GENEINA												179
KADUGLI												187
MALAKAL												176
WÂU												177
JUBA												178

UPPER WINDS ON 9th — الرياح العليا يوم ٩

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	13 h. m.	h. m.	h. m.	12 h. 15 m.	13 h. 30 m.	13 h. 15 m.	12 h. 15 m.	h. m.	13 h. m.	12 h. 45 m.	13 h. 15 m.	h. m.	h. m.
	03 32 15			03 24 05	03 26 20	03 01 15	09 31 15		09 20 20	09 20 10	09 19 15		
	06 01 05			06 34 40	06 26 25	06 33 25	15 31 20		15 16 25	15 22 15	15 21 05		
	09 01 06			09 34 20	09 26 25	09 26 02	21 28 10		21 14 25	21 20 30	18 21 05		
	12 36 05			12 34 25	12 31 05	12 18 02	27 25 40		24 15 30	27 20 15			
	15 04 25			15 36 05	15 02 15	15 26 15	33 23 40						
							39 25 40						

Remarks

Hours are Egyptian standard time, long. 30 E. and are two hours fast on Greenwich mean time.

STATION	Mean of day: HUMIDITY % on 9th	Diff. from normal	WET BULB TEMP °C on 9th	Diff. from normal
Alexandria	71	-3	23.1	+0.4
Ezbekîya	54	-4	21.9	-0.4
Gîza	52	-6	21.7	+0.4
Helwân	49	+3	21.2	+1.3

GÎZA — GRASS MINIMUM TEMP ON 10th 20.0°

CAIRO — WATER TEMP RIVER NILE AT 9h. ON 10th 27.3

Discharges at Aswân measured by sluices m.³ per sec. DATE	1946	1945
10-7	1910	1620
9-7	1910	1620

GAUGE	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				12.96	-0.58
Nâsser					
Malakâl				11.03	-0.23
J. Aulia Res					
J. Aulia D S					
Roseires	10th	16.22	+1.07	16.00	+0.95
Sennar Res.				8.84	
Khartûm				12.64	+0.62
Kh. el Girba				13.00	+0.66
Atbara				12.10	+0.91
Kajnarti				134.02	+0.52
Aswân Res.		103.82		104.08	
Aswân D.S		86.72	-0.12	86.72	-0.05
Roda (Cairo)		16.51	+0.87	16.49	+0.86

At 8h. on WEDNESDAY 10th — الساعة ٨ يوم الأربعاء ١٠

	STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	Diff. from norm. °C	MINIMUM Today °C mm	Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	Total from Oct. 1 mms.	Norm from Oct. 1 mms.
MEDITERRANEAN	SALÛM												—		—				99
	MATRÛH	01	8	28	3	1	4	8	9.4	-1.0	25.0	28	0	24	+3	84	0	101	161
	MARIUT	00	8	27	3	0	1	8	8		27	30	—	24	—	70	0	187	138
	ALEXANDRIA	01	9	28	3	2	4	4	8.0	-2.0	25.8	30	+1	23	+1	78	0	170	186
	DAMIETTA	00	8	28	3	0	0	—	7.2	-1.9	27.7	32	—	22	—	83	0	81	106
	PORT SA'ÎD	02	8	22	2	2	5	8	7.1	-1.4	27.6	32	+1	25	+2	77	0	71	81
	EL 'ARÎSH	00	9	20	1	0	0	—	6.8	-2.2	30.1	30	0	22	+2	65	0	—	94
LOWER EGYPT	DAMANHÛR	00	6	04	2	0	0	—	7.8	-1.5	28.0	35	+2	21	+1	72	0	92	101
	MANSÛRA	00	8	02	2	0	0	—	7.5	-1.8	27.2	37	+2	21	+1	68	0	66	55
	TANTA	00	8	28	1	0	0	—	7.9	-1.6	26.1	35	0	19	0	80	0	107	44
	ZAGAZIG	00	6	28	1	0	0	—	7.6	-2.1	28.2	35	0	21	+2	68	0	24	27
	SHEBÎN EL KÔM	00	8	02	2	0	2	8	7.6	-2.3	27.2	37	—	21	—	73	0	36	—
MIDDLE EGYPT	CAIRO ALMAZA	01	7	30	1	1	4	6	8.0	-1.7	25.7	37	—	23	—	79	0	10	—
	CAIRO EZBEKÎYA	01	7	26	1	0	4	8	8.4	-1.3	26.9	37	+1	23	+2	72	0	22	26
	CAIRO GÎZA	01	7	26	3	1	3	8,4	8.2	-1.5	26.9	36	+1	22	+3	71	0	41	27
	HELWÂN	09	6	28	2	1	4	0	7.9	-1.6	24.3	36	+1	23	+2	80	0	20	29
	SUEZ	00	9	30	2	0	0	—	7.9	-0.7	27.8	38	+2	23	+1	67	0	—	17
UPPER EGYPT	FAIYÛM	00	8	32	3	0	0	—	8.2	-1.1	26.2	37	0	23	+2	66	0	13	8
	MINYA	00	9	02	3	0	0	—	8.0	-0.8	28.3	38	+1	22	+1	56	0	dr.	—
	ASYÛT	00	7	24	2	0	0	—	8.0	-0.5	27.8	38	+1	23	+1	57	0	0	4
	NAG' HAMÂDI	00	8	00	0	0	0	—	7.1	-0.4	28.6	37	—	20	—	53	0	1	—
	QENA	00	8	22	3	0	0	—	7.5	+0.6	29.2	41	0	25	+1	34	0	13	—
	LUXOR	00	7	18	2	0	0	—	6.6	-0.5	35.0	42	+1	24	+1	27	0	0	—
	ASWÂN	00	9	00	0	0	0	—	7.2	-0.1	31.0	40	-1	26	0	22	0	dr.	
WESTERN DESERT	SÎWA	00	7	00	0	0	0	—	11.9	-0.2	23.3	39	+1	20	-1	87	0	5	8
	BAHARÎYA	00	9	00	0	0	0	—	10.8	+0.6	27.0	37	0	20	0	56	0	0	7
	KHÂRGA	00	9	08	1	0	0	—	9.8	+1.8	28.3	38	-2	23	0	49	0	1	
	DÂKHLA	00	8	28	2	0	0	—	9.8	+0.6	28.8	38	-1	22	-1	35	0	0	—
RED SEA	TÔR	00	7	28	3	0	0	—	5.4	-0.7	27.9	34	0	23	-1	67	0	0	13
	HURGHÂDA	00	8	30	3	0	0	—	—	—	30.6	34	-1	26	+2	38	0	1	3
	QUSEIR	00	8	30	1	0	0	—	4.6	-1.9	33.0	34	0	27	+1	37	0	11	4
	PORT SÛDÂN	01	8	24	2	1	4	2	5		39					34	0	35	98
NORTH SÛDÂN	WÂDI HALFA	01	8	00	0	1	5	2	8		31					21	0	tr.	—
	KAREIMA																0	18	4
	'ATBARA	01	8	16	2	1	3	4	9		31					49	0	26	14
	KHARTÛM	00	8	16	4	0	2	4	10		30					59	0	11	32
	KASSALA																0	104	78
CENTRAL SÛDÂN	WAD MEDANI	01	9	18	5	1	5		10		29					52	0	71	92
	RENK	01	9	20	2	1	5	4	11		22				—	94		—	206
	ROSEIRES	02	8						13?		24					94	0	361	301
	EL OBEID	02	8														0	127	98
	EL FÂSHER								—	—							0	62	55
	GENEINA	02	8	18	3	1	5		—	—	23		—		—	84	—	—	120
	KADUGLI	00	8	28	2	1	3		12		26		—		—	48	—	—	355
S. SÛDÂN	MALAKÂL																0	373	378
	WÂU																0	336	595
	JUBA																0	734	645

UPPER WINDS ON 10th — الرياح العليا يوم ١٠

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR (Cairo)	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
7 h. m.	6 h. 45 m.	6 h. 30 m.	8 h. 45 m.	6 h. 30 m.	7 h. m.	8 h. m.	7 h. m.	h. m.	h. m.	h. m.	h. m.
03 30 40	03 32 30	03 31 15	02 31 15	03 36 40	02 26 20	02 32 20	02 32 05				
06 31 35	06 33 20	06 31 20	05 35 20	06 02 20	05 36 25	05 34 25	05 33 20				
09 35 25	09 31 15	09 32 15	08 02 20	09 32 15	10 33 35	10 36 15	10 30 30				
15 36 25	12 33 20	15 30 10	10 35 20	15 32 25	15 31 30	15 32 20	15 27 50				
	15 24 25			21 30 20	20 31 30	20 27 20	20 26 45				
	21 36 20			27 29 02		25 30 25					
	24 01 15			30 24 15							
	27 01 15			39 22 25							
	30 35 10			57 21 30							

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	h. m.	h. m.	h. m.	h. m.	7 h. m.
					09 21 10
					15 18 10
					21 18 30
					27 18 35
					33 19 10
					39 19 15

CYPRUS SYNOPTIC 8h. ON 10th
34700 00990 14100 04291 70901
34800 00990 24300 04290 90804

UPPER AIR TEMP. ALMÂZA AT 6 G.M.T. ON 10th

HEIGHT feet	P.P.P. m.b.	TT °F	°F
Surface	999	80	75
500	980	70	68
1000	962	69	67
1500	945	70	61
2000	928	72	54
4000	862	67	52
6000	800	60	47
8000	741	52	41
10000	686	50	30
12000	635	53	30
14000	586	47	30
16000	541	40	31

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

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	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]
Fog in patches	[illegible]
Drizzle	50-59
Rain	60-69
Rain and Fog	[illegible]
Rain and Snow	68, 69
Snow	[illegible]
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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

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ANNUAL SUBSCRIPTION P.T. 150

Time of Sunrise 05 ?7
Sunset 18 59

Month JULY 1946

DAILY WEATHER REPORT

شهر يوليه ١٩٤٦

At 14h. on WEDNESDAY 10th — الساعة ١٤ يوم ١٠ | At 20h. on 10th — الساعة ٢٠ يوم الأربعاء ١٠

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 h. mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20 h. mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	28	3	1	0	—	8.7	26.4	78	0	00	8	28	4	0	0	—	8.4	25.0	84		131
MARIUT	01	7	28	4	0	3	6	7	25	66	0	00	7	28	3	0	2	6	7	25	74	0	150
ALEXANDRIA	01	8	26	4	2	4	4	7.6	28.4	68	0	01	6	30	3	2	4	8	8.0	24.0	81	0	132
DAMIETTA	00	8	30	3	0	0	—	6.4	29.8	69	0	00	7	30	3	0	0	—	6.2	25.9	92	0	159
PORT SAʽÎD	00	8	30	3	0	0	—	6.3	31.3	57	0	00	8	30	3	0	0	—	6.0	26.0	79	0	134
EL ʽARÎSH	00	9	28	2	0	0	—	6.4	29.3	72	0	00	9	32	1	0	0	—	—	22.8	78	0	135
LOWER EGYPT																							
DAMANHÛR	00	6	04	2	0	0	—	7.0	33.0	49	0	00	7	04	2	0	0	—	7.0	25.2	82	0	136
MANSÛRA	00	8	02	2	0	0	—	6.4	34.8	26	0	00	6	04	2	0	0	—	7.1	27.2	65	0	137
TANTA	00	8	28	3	0	0	—	6.7	34.6	29	0	00	8	24	1	0	0	—	7.5	26.2	63	0	138
ZAGAZIG	00	6	30	2	0	0	—	5.9	34.8	29	0	00	6	32	2	0	0	—	7.1	27.8	66	0	139
SHEBÎN EL KÔM	00	8	30	2	0	0	—	5.6	35.8	27	0	00	7	30	2	0	0	—	6.7	27.6	62	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	30	2	0	0	—	5.5	35.7	21	0	00	7	32	2	0	0	—	6.5	30.0	39	0	141
CAIRO EZBEKÎYA	00	9	32	3	0	0	—	5.9	35.9	25	0	00	7	30	3	0	0	—	6.7	29.5	44	0	—
CAIRO GÎZA	00	8	30	2	0	0	—	6.3	35.1	24	0	00	8	30	2	0	0	—	7.0	29.0	48	0	—
HELWÂN	00	8	26	3	0	0	—	5.6	34.0	15	0	00	7	30	4	0	0	—	6.2	30.8	33	0	143
SUEZ	00	9	30	2	0	0	—	5.2	35.8	30	0	00	9	32	3	0	0	—	5.5	31.8	49	0	144
UPPER EGYPT																							
FAIYÛM	00	8	30	2	0	0	—	6.0	34.2	24	0	00	8	30	2	0	0	—	6.2	30.7	34	0	153
MINYA	00	9	32	4	0	0	—	5.9	36.6	17	0	00	8	30	1	0	0	—	5.8	31.3	29	0	154
ASYÛT	00	8	26	1	0	0	—	6.7?	35.4	27	0	00	6	24	1	0	0	—	6.8	30.4	34	0	155
NAGʽ HAMÂDI	00	8	28	1	0	0	—	5.6	35.4	27	0	00	8	00	0	0	0	—	5.8	28.8	35	0	164
QENA	00	9	22	3	0	0	—	5.0	39.2	18	0	00	6	26	2	0	0	—	4.3	32.4	22	0	156
LUXOR	01	7	26	3	1	4			39.0	21	0	00	6	26	2	0	0	—	5.4	32.3	27	0	157
ASWÂN	00	9	24	3	0	0	—	4.6	39.6	09	0	00	9	24	2	0	0	—	5.8	35.0	15	0	158
WESTERN DESERT																							
SÎWA	00	8	24	2	0	0	—	11.1	35.0	48	0	00		00	0	0	0	—	9.8	33.0	44	0	148
BAHARÎYA	00	9	00	0	0	0	—	—	35.0	72	0												149
KHÂRGA	00	9	22	1	0	0	—	6.7	38.0	24	0	00		28	4	0	0	—	7.1	35.4	23	0	151
DAKHLA	00	9	32	3	0	0	—	7.4	36.2	20	0	00	7	28	2	0	0	—	8.8	29.4	28	0	152
RED SEA																							
TÔR	00	7	28	4	0	0	—	4.0	31.4	45	0	00	7	28	3	0	0	—	5.6	28.9	61	0	145
HURGHADA	00	8	02	3	0	0	—		32.7	44	0	00	8	28	2	0	0	—		28.6	44	0	146
QUSEIR	00	8	02	2	0	0	—	3.4	33.0	55	0	00	8	04	2	0	0	—	3.8	30.2	47	0	147
PORT SÛDÂN																							189
NORTH SÛDÂN																							
WÂDI HALFA																							165
KAREIMA																							166
ʽATBARA																							167
KHARTÛM																							168
KASSALA																							170
CENTRAL SÛDÂN																							
WAD MEDANI																							171
RENK																							182
ROSEIRES																							172
EL OBEID																							174
EL FÂSHER																							175
GENEINA																							179
KADUGLI																							187
S. SÛDÂN																							
MALAKÂL																							176
WÂU																							177
JUBA																							178

At 8h. on THURSDAY 11th — الساعة ٨ يوم الخميس ١١

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				99
MATRÛH	01	9	28	4	0	4	8	6.7?	-2.6	25.1	28	0	23	+2	83	0	101	161
MARIUT	01	8	26	3	1	4	6	6		27	28	—	24	—	55	0	187	138
ALEXANDRIA	01	9	28	4	2	4	4	6.3	-3.6	25.4	31	+2	23	+1	65	0	170	186
DAMIETTA	01	8	22	3	1	4	8	5.4	-3.6	27.0	31	—	22	—	80	0	81	106
PORT SAʽÎD	02	8	20	3	2	5	8	5.9	-2.5	24.9	32	+1	24	+1	80	0	71	81
EL ʽARÎSH	00	9	24	2	0	0	—	6.0	-2.9	28.3	31	+1	22	+2	69	0	—	94
LOWER EGYPT																		
DAMANHÛR	01	7	28	3	1	4	8	6.4	-2.8	27.2	34	+1	21	+1	67	0	92	101
MANSÛRA	00	8	24	1	1	2	8	6.2	-3.0	26.8	36	+1	20	0	71	0	66	55
TANTA	00	8	24	1	0	3	8	6.6	-2.9	26.6	35	0	19	0	71	0	107	44
ZAGAZIG	01	6	32	2	1	5	8	6.3	-3.4	27.0	36	+1	21	+2	71	0	24	27
SHEBÎN EL KÔM	00	8	24	2	0	2	8	6.2	-3.6	25.2	37	—	21	—	64	0	36	
MIDDLE EGYPT																		
CAIRO ALMÂZA	05	6	28	1	1	4	6	6.9	-2.7	25.1	37	—	22	—	72	0	10	—
CAIRO EZBEKÎYA	05	7	28	2	1	5	8	7.2	-2.4	25.0	36	0	22	+2	73	0	22	26
CAIRO GÎZA	02	8	28	2	2	5	6	7.4	-2.2	25.2	37	+2	22	+3	71	0	41	27
HELWÂN	09	6	00	0	1	4	0	6.6	-2.8	24.0	35	0	21	0	75	0	20	29
SUEZ	00	9	32	1	0	0	—	7.0	-1.5	25.2	38	+2	22	-1	71	0	—	17
UPPER EGYPT																		
FAIYÛM	01	8	32	3	1	5	8	7.2	-2.1	24.8	36	-1	20	-1	72	0	13	8
MINYA	00	9	02	1	0	0	—	6.8	-1.9	28.8	37	0	22	+1	51	0	dr.	—
ASYÛT	00	7	28	2	0	0	—	7.5	-1.0	27.4	37	0	22	0	50	0	0	4
NAGʽ HAMÂDI	00	8	00	0	0	0	—	6.6	-0.8	28.8	36	—	19	—	41	0	1	—
QENA	00	8	22	2	0	0	—	5.5	-1.3	28.4	40	-1	22	-2	27	0	13	—
LUXOR	00	7	30	2	0	0	—	5.8	-1.2	35.0	40	-1	22	-1	24	0	0	—
ASWÂN	00	9	28	3	0	0	—	5.9	-1.3	30.6	40	-1	26	0	19	0	dr.	
WESTERN DESERT																		
SÎWA	00	7	28	4	0	0	—	9.6	-2.5	24.6	37	-1	22	+1	87	0	5	8
BAHARÎYA	00																	7
KHÂRGA	00	9	12	1	0	0	—	7.5	-0.5	29.7	39	-1	23	0	27	0	1	—
DÂKHLA	00	8	28	2	0	0	—	9.6	+0.5	28.7	38	-1	22	-1	28	0	0	—
RED SEA																		
TÔR	00	7	28	4	0	0	—	3.8	-2.2	28.2	—	—	27	+3	63	0	0	13
HURGHÂDA	00	8	20	2	0	0	—			30.2	24	-1	25	+1	47	0	1	3
QUSEIR	00	8	32	3	0	0	—	3.4	-3.0	32.6	35	+1	27	+1	22	0	11	4
PORT SÛDÂN	00	8	00	0	0	0	—	4		36					66	0	35	98
NORTH SÛDÂN																		
WÂDI HALFA																0	tr.	—
KAREIMA																		5
ʽATBARA	61	8	18	2	1	8	5	8		28					66	tr.	26	15
KHARTÛM	02	8	20	4	2	6	6&6	10		25					84	74	85	24
KASSALA																		81
CENTRAL SÛDÂN																		
WAD MEDANI	02	9	18	4	1	8	6	11		24					84	16	87	96
RENK	02	8	18	3	2	5	6	—		25		—		—	79	—	—	210
ROSEIRES	02	8	18	1	2	7	9			23					94	3	364	307
EL OBEID	10	8	20	3	1	8	6,4	12		25					70	0	127	101
EL FÂSHER	01	9	18	1	1	4	4	—	—	25					79	0	62	57
GENEINA	02	8	18	1	1	5	6	—	—	22		—		—	94	—	—	125
KADUGLI	02	8	28	2	1	6	4	13		24		—		—	74	—	—	360
S. SÛDÂN																		
MALAKÂL	02	8	28	1	1	7	6&5	15		23					94	0	373	383
WÂU	02	8	18	1	1	6	4	13		23					88	7	343	601
JUBA	02	8	18	2	1	8	4,1	14		23					94	0	734	649

UPPER WINDS ON 10th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SAʽÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	12 h. 30 m.	h. m.	h. m.	12 h. 30 m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
		03 31 25			03 28 25								
		06 31 10			06 28 45								
		09 31 25			09 28 45								
		12 29 20			12 27 50								
		15 29 15											
		18 30 15											
		21 32 25											
		24 33 30											

UPPER WINDS ON 11th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SAʽÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
7 h. m.	h. m.	h. m.	8 h. 45 m.	h. m.	7 h. m.	h. m.	7 h. m.	h. m.	h. m.	h. m.	6 h. 30 m.
03 31 15			02 32 15		02 35 25		02 34 45				09 24 35
06 30 40			05 32 15		05 36 30		05 34 50				15 26 30
09 30 45			08 32 15		10 34 40		10 33 35				21 27 15
15 30 45			10 33 30				15 31 30				24 29 20
21 31 45			14 31 50				20 29 45				30 05 10
							25 26 25				45 08 15
							30 29 45				

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. 15 m.	7 h. m.
	09 26 25	09 21 40	09 31 05	09 24 15	09 25 30
	15 27 30	15 22 70	15 31 15	15 26 15	15 22 35
	21 29 15	21 23 70	21 20 10	21 02 10	21 24 35
			27 22 15	27 09 20	27 24 20
					33 23 10
					39 24 05

UPPER AIR TEMP. ALMÂZA AT 5h G.M.T. ON 11th

HEIGHT feet	P.P.P. m.b.	T T °F		°F
Surface	998	81	76
500	980	69	66
1000	962	67	65
1500	945	65	64
2000	928	64	60
4000	862	64	52
6000	800	58	39
8000	741	59	35
10000	686	55	31
12000	635	50	29
14000	586	43	29
16000	541	38	27

CYPRUS SYNOPTIC 8h. ON 11th

34700 00890 22300 02371 90901 00190
34850 00851 26201 02261 70802 00190

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time.

Station	Mean of day: Humidity % on 10th	Diff. from normal	Wet bulb temp. °C on 10th	Diff. from normal
Alexandria	77	+2	22.7	0.0
Ezbekiya	55	-3	22.1	-0.2
Giza	54	-4	21.8	+0.4
Helwân	53	+6	20.1	+0.2

Giza — GRASS MINIMUM TEMP on 11th 20.4°

CAIRO — WATER TEMP RIVER NILE on 10th 27.3°

Discharges at Aswan measured by sluices m³ per sec	Date	1946	1945
	11-7	1910	1620
	10-7	1910	1620

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				13.03	-0.52
Nâsser				8.70	-0.22
Malakâl		11.06	-0.24	11.04	-0.24
J. Aulia Res.				372.27	
J. Aulia D.S.				372.25	+0.22
Roseires	11th	17.10	+1.24	16.22	+1.07
Sennar Res.				6.74	
Khartum				12.60	+0.50
Kh. el Girba					
Atbara				12.27	+1.01
Hajnarti				133.98	+0.41
Aswân Res.		103.55		103.82	
Aswân D.S.		86.72	-0.18	86.72	-0.12
Roda (Cairo)		16.51	+0.87	16.51	+0.87

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	08
Distant Fog	09
Rain in sight	10
Thunder	11
Distant Duststorm	12
Squally	13
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	47
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	
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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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 1945 (45/306)

ANNUAL SUBSCRIPTION P.T. 150

Time of Sunrise 05 02
Sunset 16 59

Month JULY 1946 — DAILY WEATHER REPORT — ١٩٤٦ شهر يوليه

THURSDAY 11th (الخميس ١١)

Station	14h ww	V	dd	F	W	N	C	PPP	TTT	UU	Rain 8–14 mms	20h ww	V	dd	F	W	N	C	PPP	TTT	UU	Rain 14–20 mms	Station No.
Mediterranean																							
SALÛM																							130
MATRÛH	00	9	28	3	1	0	—	6.8	26.0	82	0	01	8	28	3	0	4	8	7.6	24.8	88	0	[illegible]
MARIUT	01	7	26	5	1	4	8	5	28	55	0	01	7	28	3	1	4	8	6	25	74	0	150
ALEXANDRIA	02	8	26	5	2	5	4	5.5	27.2	61	0	01	6	28	4	2	4	8	5.4	25.2	74		132
DAMIETTA	05	7	30	4	1	0	—	4.8	27.8	71	0	00	7	28	3	1	2	8	4.8	25.4	87	0	[illegible]
PORT SA'ÎD	00	8	22	4	0	0	—	4.8	30.2	56	0	00	8	26	3	0	0	—	5.6	25.7	68	0	134
EL 'ARÎSH	00	9	28	2	0	0	—	5.1	29.1	62	0	00	9	24	1	0	0	—	5.1	27.2	78	0	[illegible]
Lower Egypt																							
DAMANHÛR	00	6	32	4	1	0	—	5.4	31.8	55	0	01	7	32	2	1	3	8	5.9	25.2	78	0	[illegible]
MANSÛRA	01	8	02	2	1	3	8	5.1	31.5	47	0	00	6	30	2	1	0	—	5.5	26.0	55	0	[illegible]
TANTA	00	8	28	4	0	0	—	5.2	31.9	45	0	00	8	32	1	0	0	—	6.6	24.0	70	0	[illegible]
ZAGAZIG	01	6	32	4	1	4	8	5.5	33.0	40	0	00	6	32	2	0	0	—	7.0	28.2	53	0	[illegible]
SHEBIN EL KOM	18	5	22	6	3	0	—	4.6	34.2	33	0	00	6	22	3	3	0	—	5.5	28.7	58	0	
Middle Egypt																							
ALMAZA (Cairo)	01	8	26	3	0	3	8	4.5	33.0	35	0	05	6	31	2	0	0	—	5.5	28.2	56	0	
EZBEKIYA (Cairo)	00	9	32	3	0	3	8	5.2	33.5	37	0	00	7	30	3	0	0	—	6.3	30.4	53	0	
GIZA (Cairo)	00	7	26	4	0	3	8	5.0	34.3	32	0	00	8	32	2	0	0	—	6.3	27.4	55	0	
HELWAN	00	8	26	4	0	3	8	4.4	33.6	26	0	05	6	30	5	0	0	—	5.0	28.3	47	0	
SUEZ	00	9	30	2	0	0	—	5.0	34.9	29	0	00	9	30	2	0	0	—	5.4	30.7	43	0	
Upper Egypt																							
FAIYUM	00	8	02	3	0	0	—	5.1	33.1	30	0	00	8	32	3	0	0	—	5.1	29.6	49	0	
MINYA	00	9	04	2	0	0	—	5.9	36.3	21	0	00	8	32	1	0	0	—	5.1	30.0	34	0	
ASYUT	00	8	28	2	0	0	—	5.9	35.1	24	0	00	6	30	1	0	0	—	6.0	30.9	32	0	
NAG HAMMADI	00	8	24	1	0	0	—	4.8	34.6	23	0	00	8	00	0	0	0	—	5.0	28.8	39	0	
[illegible]	00	9	22	2	0	0	—	4.7	38.2	14	0	00	6	26	2	0	0	—	3.5	33.6	23	0	
[illegible]	00	7	30	2	0	0	—	4.6	38.0	19	0	00	6	26	2	0	0	—	4.7	33.0	30	0	
[illegible]	00	9	28	3	0	0	—	3.1	38.5	09	0	00	9	30	3	0	0	—	5.5	34.1	14	0	
Western Desert																							
SIWA	00	8	28	2	0	0	—	9.8	32.6	57	0	00		00	0	0	0	—	8.2	32.0	59	0	
BAHARIYA												00	9	00	0	0	0	—	—	27.0	56	0	
KHARGA	00	9	28	4	0	0	—	6.6	37.4	29	0	00		32	2	0	0	—	5.5	—	—	0	
DAKHLA	00	9	32	3	0	0	—	7.2	36.8	24	0	00	7	32	2	0	0	—	—	28.0	37	0	
Red Sea																							
TOR	00	7	28	5	0	0	—	3.5	31.9	44	0	00	7	28	4	0	0	—	3.2	33.2	32	0	
HURGHADA	00	8	32	4	0	0	—		33.9	34	0	00	8	28	2	0	0	—		28.4	39	0	
QUSEIR	00	8	32	2	0	0	—	3.1	32.2	64	0	00	8	02	2	0	0	—	3.6	30.6	52	0	
PORT SUDAN	01	8	10	4	1	4	8	1	39	38													208
Northern Sudan																							
WADI HALFA	00	8	28	3	1	1	1	5	39	09													
KAREIMA	01	7	24	3	1	5	8,4	6	37	27													
ATBARA	03	8	22	2	1	8	6	5	35	35													
KHARTÛM	02	8	22	3	2	7	8,4,2	7	32	50													209
KASSALA	61	5	18	2	9	8	6,4,5	10	25	84													70
Central Sudan																							
WAD MEDANI			18	2	1	7		8	29	66													[illegible]
RENK	01	8	20	3	1	4	9	—	31	49													182
ROSEIRES	02	8	15	2	5	7	7,5	12	26	79													172
EL OBEID	02	9	18	3	1	8	6,4	9	29	55													174
EL FASHER	02	9	14	3	1	7	8,4,2	—	31	43													175
GENEINA	02	8	20	2	1	6	8																179
KADUGLI	02	8	20	3	1	6	9	10	30	55													187
S. Sudan																							
MALAKAL	02	8	18	3	1	7	8,4,5	10	30	59													176
WÂU	01	8	24	1	1	5	8	9	30	55													177
JUBA	02	8	30	2	1	6	7,4,5	11	28	70													178

UPPER WINDS ON 11th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMAZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	13h. 30m.	h. m.	13h. m.	11h. 30m.	13h. m.	12h. 45m.	13h. m.	13h. m.	12h. 45m.
					03 32 20		09 34 20	09 23 35	09 27 30	09 23 40	09 25 20	09 23 30	09 03 10
					06 31 25		15 31 20	15 25 35	15 27 25	15 18 40	15 26 15	15 24 25	15 36 20
					09 32 35		21 30 20	21 25 30	21 29 20	21 18 10	21 30 10	21 23 35	21 34 10
					12 31 55		27 29 55	24 24 30	24 30 20	27 13 15		27 24 30	27 34 10
					15 31 —			33 21 15	30 30 05	33 12 10		33 17 20	33 35 10
								39 11 15		39 18 10		39 30 10	39 21 05
													48 15 05

Remarks

Hours are Egyptian standard time, long. 30° E and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 11th	Diff from normal	Wet bulb temp °C on 11th	Diff from normal
Alexandria	67	− 8	21.7	−1.1
Ezbekiya	60	+ 2	22.6	+0.3
Giza	59	+ 1	21.7	+0.3
Helwân	58	+ 11	20.7	+0.7

GIZA — Grass minimum temp on 12th 17.3

CAIRO — Water temp River Nile at 9h on 12th 27.4°

Discharges at Aswân measured by sluices m³ per sec. Date	1946	1945
12-7	1912	1620
11-7	1910	1620

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Diff from normal
Jûba	12th	13.35	−0.21	13.33	−0.22
Nâsser		8.74	−0.25	8.72	−0.24
Malakâl		11.07	−0.24	11.06	−0.24
J. Aulia Res				372.97	
J. Aulia D.S				372.07	−0.02
Roseires		17.10	+1.74	17.10	+1.84
Sennar Res.		9.05		8.76	
Khartum		12.48	+0.22	12.55	+0.36
Kh. el Girba				13.40	+0.99
Atbara		12.28	+0.88	12.20	+0.87
Kajnarti		134.10	+0.29	134.10	+0.47
Aswân Res.		103.25		103.55	
Aswân D.S		86.72	−0.23	86.72	−0.13
Roda (Cairo)		16.49	+0.84	16.51	+0.87

Printed by the Survey of Egypt, 1945 (45/306)

FRIDAY 12th at 8h (الجمعة ١٢)

Station	ww	V	dd	F	W	N	C	Bar M.S.L. 1000+ mbs	Diff from normal mbs	Dry Bulb °C	Max yesterday °C	Diff from norm	Min today °C	Diff from norm	Humidity %	Rain past 24 hrs	Total from Oct. 1	Normal from Oct. 1
Mediterranean																		
SALÛM											—		—					97
MATRÛH	00	9	28	3	1	3	8	8.7	−1.5	25.0	27	−1	21	0	85	0	101	161
MARIUT	00	8	27	4	0	0	—	7		27	29	—	23	—	58	0	187	138
ALEXANDRIA	00	9	26	4	0	0	—	7.8	−2.0	25.7	29	0	24	+2	64	0	170	186
DAMIETTA	01	8	26	3	1	5	8	6.4	−2.5	27.0	29	—	22	—	83	0	81	106
PORT SA'ÎD	01	8	22	3	1	4	6	7.1	−1.2	26.5	31	0	23	0	66	0	71	81
EL 'ARÎSH	00	9	20	1	0	0	—	7.5	−1.4	28.5	30	0	22	+2	65	0	—	94
Lower Egypt																		
DAMANHÛR	01	7	04	4	1	3	8	6.8	−2.3	27.0	32	−1	21	+1	71	0	92	101
MANSÛRA	01	8	20	1	1	4	8	7.2	−1.9	26.2	33	−2	20	0	69	0	66	55
TANTA	01	8	24	3	1	4	8	7.6	−1.9	26.0	32	−3	19	0	75	0	107	44
ZAGAZIG	01	6	32	2	1	4	8	6.7	−2.9	27.2	34	−1	21	+2	69	0	24	27
SHEBÎN EL KÔM	01	8	26	2	1	4	8	7.4	−2.4	26.7	35	—	21	—	68	0	36	
Middle Egypt																		
ALMAZA (Cairo)	01	7	28	1	2	4	8	7.9	−1.6	25.2	35		22		75	0	10	
EZBEKÎYA (Cairo)	05	7	24	1	1	5	8	8.2	−1.3	26.0	35	−1	22	+1	76	0	22	26
GÎZA (Cairo)	02	7	28	3	2	5	6	8.4	−1.1	27.0	36	+1	19	0	69	0	41	27
HELWÂN	01	7	00	0	1	4	6,8	8.2	−1.1	24.0	34	−1	21	0	79	0	20	29
SUEZ	00	9	32	1	0	0	—	8.2	−0.3	28.1	37	+1	23	0	61	0	—	17
Upper Egypt																		
FAIYÛM	01	8	30	1	1	5	8	8.3	−0.9	25.6	35	−2	21	0	74	0	13	8
MINYA	00	9	32	2	0	0	—	7.6	−1.1	28.0	37	0	21	0	54	0	dr.	
ASYÛT	00	7	22	1	0	0	—	7.1	−1.3	28.0	37	0	22	0	57	0	0	4
NAG HAMMADI	00	8	00	0	0	0	—	6.3	−1.1	28.2	36		19		44	0	1	
[illegible]	00	8	26	2	0	0	—	6.6	−0.2	29.3	39	−2	22	−2	37	0	13	
[illegible]	00	7	14	2	0	0	—	7.2	+0.2	34.5	39	−2	22	−1	29	0	0	
Western Desert																		
SÎWA	00	7	00	0	0	0	0	11.1	−0.9	24.0	35	−3	21	0	86	0	5	8
BAHARÎYA	00	9	00	0	0	0	—	9.3	−0.8	28.5	37	0	20	0	55	0	0	7
KHARGA	00	9	00	0	0	0	—	9.0	+1.1	30.8	38	−2	23	0	42	0	1	
DAKHLA	00	8	28	2	0	0	—	9.2	+0.1	29.0	38	−1	22	−1	34	0	0	
Red Sea																		
ŢÔR	00	7	28	4	0	0	—	6.0	0.0	27.8	33	−1	26	+2	68	0	0	13
HURGHÂDA	00	8	30	4	0	0	—			28.8	33	−2	26	+2	57	0	1	3
QUSEIR	00	8	30	1	0	0	—	5.4	−1.0	31.0	34	0	25	−1	42	0	11	4
PORT SÛDÂN	00	8	24	4	0	0	—	6		37					40	0	35	98
Northern Sudan																		
WÂDI HALFA	00	8	02	2	0	2	1	7		29					19	0	tr.	
KAREIMA	01	8	20	3	1	4	4	9		30					59	0	18	5
ATBARA																0	26	15
KHARTÛM	02	7	16	5	2	7	6,4,5	11		26					74	5	90	36
KASSALA	02	8	14	2	1	7	6,4,5	12		24					74	13	117	83
Central Sudan																		
WAD MEDANI	03	9	16	4	6	8	8	11		23					94	34	121	100
RENK	01	9	12	3	2	4	4	11		24	—			—	84		—	214
ROSEIRES	02	8	12	1	8	6	7,5	14		22					95	6	370	314
EL OBEID	02	9	16	3	1	6	4	10		26					70	0	127	104
EL FÂSHER	02	9	16	2	1	5	9,4,5	—	—	24					74	0	62	59
GENEINA	02	8	18	2	9	7	6,4,5	—	—	22	—			—	83	—	—	130
KADUGLI	01	8	12	3	1	4	9	11		26	—			—	70	—	—	365
S. Sudan																		
MALAKÂL	01	8	10	3	1	5	4	12		23					89	3	376	388
WÂU	64	7	00	0	6	8	5	14		21					88	19	362	607
JUBA	02	7	12	2	4	8	6	14		22					94	21	755	652

UPPER WINDS ON 12th (الرياح العليا يوم ١٢)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
6h. 30m.	6h. 45m.	h. m.	h. m.	h. m.	h. m.	7h. m.	h. m.	7h. 15m.	7h.	7h. 15m.	6h. 30m.
03 30 30	03 32 60					03 34 25		09 34 20	09 27 30	09 24 30	09 20 40
06 32 25	06 31 50					06 33 20		15 31 30	12 31 05	15 27 15	15 21 25
09 36 20						09 30 20		21 29 30	21 29 10	21 26 05	21 08 05
15 33 30						12 31 25		27 26 35		27 21 05	24 36 05
21 30 15						15 30 75		33 26 55		30 17 05	30 06 20
30 28 30						18 30 30		39 21 40		39 15 15	39 09 20
39 29 35						21 30 30					
45 28 40											
48 27 45											

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKÂL
7h. m.	7h. m.	7h. m.	7h. m.	7h. m.	7h. m.
09 19 45	09 20 40	09 20 40	09 26 15	09 20 10	09 14 30
15 19 20	15 21 25	15 22 25	15 02 05	15 16 05	15 21 10
21 18 05	21 02 05	21 25 15	21 29 05	21 08 20	21 23 20
27 09 05	24 36 05	27 09 15	27 27 05	27 01 10	27 23 15
33 05 10	30 06 20	33 29 10	33 30 05	33 06 05	33 26 15
39 05 30	39 09 20	39 32 05		39 02 10	

CYPRUS SYNOPTIC ON 12th

34750 02855 12115 05271 90002 00200
34910 00861 20301 04271 90405 00220

UPPER AIR TEMP. ALMÂZA AT 5h G.M.T. ON 12th

Height feet	PPP mb.	°F	°F
Surface	998	78	73
500	980	70	67
1000	962	68	67
1500	945	66	63
2000	928	63	60
4000	862	62	48
6000	800	55	42
8000	741	55	34
10000	686	53	41
12000	635	48	27
14000	586	43	27
16000	541	34	25

WIND FORCE (F)

	km/h	F
Calm	0-2	0
Almost calm	3-6	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.

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	08
Distant Fog	09
Rain in sight	10
[illegible]	[illegible]

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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

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

ANNUAL SUBSCRIPTION P.T. 150

Sunset 18 h. 58 m.

Month JULY 1946

DAILY WEATHER REPORT

شهر يوليه ١٩٤٦

At 14h. on Friday 12th — الساعة ١٤ يوم الجمعة ١٢/٧

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 8-14 mms	STATION NUMBER
MEDITERRANEAN: SALÛM												130
MATRÛH	00	9	28	3	0	0	—	9.0	26.5	80	0	131
MARIUT	00	8	29	3	0	1	8	8	29	55	0	150
ALEXANDRIA	01	9	30	4	1	3	4	7.5	28.0	57	0	132
DAMIETTA	00	8	26	4	1	2	8	8.1	27.8	71	0	159
PORT SA'ÎD	14	8	30	5	3	2	2	6.7	30.4	59	0	134
EL 'ARÎSH	00	9	28	2	0	0	—	6.8	29.2	57	0	135
LOWER EGYPT: DAMANHÛR	00	7	32	3	0	2	8	7.0	30.3	48	0	136
MANSÛRA	01	8	30	2	1	4	8	7.1	31.5	41	0	137
TANTA	00	8	28	3	1	0	—	7.4	31.7	45	0	138
ZAGAZIG	01	6	32	4	1	4	8	5.5	33.0	40	0	139
SHEBÎN EL KÔM	00	8	28	3	1	2	8	6.8	32.6	37	0	—
MIDDLE EGYPT, CAIRO: ALMÂZA	00	8	28	2	0	3	8	6.8	33.3	32	0	141
EZBEKÎYA	01	8	24	2	1	4	8	6.8	33.7	32	0	—
GÎZA	00	8	30	3	0	0	—	6.7	33.5	33	0	—
HELWÂN	00	8	28	3	0	3	8	6.8	32.2	38	0	143
SUEZ	00	9	00	0	0	0	—	5.6	32.2	48	0	144
UPPER EGYPT: FAIYÛM	01	8	30	1	1	4	8	7.2	32.7	34	0	153
MINYA	00	9	02	2	0	0	—	6.4	34.2	30	0	154
ASYÛT	00	8	24	1	0	0	—	7.4	34.0	27	0	155
NAG' HAMÂDI	00	8	26	2	0	0	—	6.0	34.2	31	0	164
QENA	00	9	22	3	0	0	—	4.0	38.0	19	0	156
LUXOR	00	7	26	2	0	0	—	5.5	38.3	18	0	157
ASWÂN	00	9	26	2	0	0	—	6.2	39.0	14	0	158
WESTERN DESERT: SÎWA	00	8	34	4	0	0	—	9.9	34.0	56	0	148
BAHARÎYA	00	9	08	1	0	0	—	9.8	36.0	33	0	149
KHÂRGA	00	9	28	2	0	0	—	7.8	36.6	12	0	151
DAKHLA	00	9	28	2	0	0	—	7.4	37.0	22	0	152
RED SEA: TÛR	00	7	28	4	0	0	—	5.4	32.1	39	0	145
HURGHÂDA	00	8	32	3	0	0	—	—	32.6	40	0	146
QUSEIR	00	8	32	0	0	0	—	4.7	32.5	58	0	147
PORT SÛDÂN	01	8	06	3	0	3	8	3	41	40		1668
NORTH SÛDÂN: WÂDI HALFA	00	8	04	1	0	0	—	5	38	09		165
KAREIMA	01	8	18	2	1	4	8,4	6	37	27		166
'ATBARA	02	8	16	3	6	5	8	7	33	53		167
KHARTÛM	01	8	18	1	2	4	8,1	7	33	44		1669
KASSALA	02	8	14	2	1	6	8,4	2	30	62		170
CENTRAL SÛDÂN: WAD MEDANI	02	8	08	4	2	5	8	7	32	50		171
RENK												182
ROSEIRES	01	8	16	1	1	4	8	9	31	55		172
EL OBEID	10	9	18	3	1	5	9,4	5	31	43		174
EL FÂSHER	10	9	18	1	1	5	8,1	—	33	36		175
GENEINA												179
KADUGLI	02	8	20	3	1	6	9	8	29	62		187
S. SÛDÂN: MALAKÂL	02	8	12	2	1	8	8,4	9	30	59		176
WÂU	61	8	00	0	6	7	4,5	10	23	84		177
JUBA	02	8	30	2	2	8	8,4	10	31	59		178

At 20h. on 12-7 — الساعة ٢٠ يوم الجمعة ١٢

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 14-20 mms
MEDITERRANEAN: SALÛM											
MATRÛH	00	8	28	3	0	2	8	10.2	25.0	84	0
MARIUT	00	8	29	2	0	0	—	9	25	65	0
ALEXANDRIA	00	6	28	2	0	0	—	9.4	26.0	62	0
DAMIETTA	00	8	28	3	1	2	4	7.8	25.0	82	0
PORT SA'ÎD	00	8	28	3	0	3	8	8.6	25.4	75	0
EL 'ARÎSH	00	9	32	1	0	0	—	8.7	27.1	61	0
LOWER EGYPT: DAMANHÛR	00	7	04	2	0	0	—	7.8	25.4	78	0
MANSÛRA	00	6	02	2	1	0	—	8.7	25.6	62	0
TANTA	00	9	24	1	0	0	—	9.2	25.0	69	0
ZAGAZIG	00	6	32	2	0	0	—	7.5	26.0	69	0
SHEBÎN EL KÔM	00	7	30	2	0	0	—	7.2	28.8	59	0
MIDDLE EGYPT, CAIRO: ALMÂZA	00	7	32	1	0	0	—	8.4	28.7	49	0
EZBEKÎYA	00	7	02	3	0	0	—	8.2	29.6	54	0
GÎZA	00	7	32	2	0	0	—	8.7	27.9	51	0
HELWÂN	00	7	32	4	0	0	—	7.9	28.6	43	0
SUEZ	00	9	30	2	0	0	—	7.8	30.9	45	0
UPPER EGYPT: FAIYÛM	00	8	32	1	0	0	—	7.4	30.0	36	0
MINYA	00	9	32	1	0	0	—	6.5	30.0	35	0
ASYÛT	00	6	28	1	0	0	—	7.4	28.9	41	0
NAG' HAMÂDI	00	8	00	0	0	0	—	6.4	28.1	40	0
QENA	00	6	22	2	0	0	—	5.7	30.8	38	0
LUXOR	00	6	26	2	0	0	—	6.0	32.0	33	0
ASWÂN	00	9	28	2	0	0	—	5.9	33.8	17	0
WESTERN DESERT: SÎWA	00	—	00	0	0	0	—	9.4	32.0	58	0
BAHARÎYA	00	—	00	0	0	0	—	12.4	26.0	55	0
KHÂRGA	00	—	02	2	0	0	—	7.2	33.8	31	0
DAKHLA	00	7	28	2	0	0	—	8.8	28.6	32	0
RED SEA: TÛR	00	7	28	3	0	0	—	5.9	31.1	58	0
HURGHÂDA	00	8	28	2	0	0	—	—	27.4	48	0
QUSEIR	00	8	02	2	0	0	—	4.3	30.6	49	0
PORT SÛDÂN											
NORTH SÛDÂN: WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN: WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN: MALAKÂL											
WÂU											
JUBA											

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 12th — الرياح العليا يوم ١٢

MATRÛH 12h. 45m.	MARIUT 12h. 45m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA 13h. 30m.	LUXOR 13h. 30m.	HURGHÂDA h. m.	WÂDI HALFA 13h. 15m.	KAREIMA 12h. 45m.	KHARTÛM 13h. m.	KASSALA 13h. m.	EL OBEID 13h. m.	MALAKAL 13h. m.	JUBA 12h. 30m.
03 32 35	03 31 30			03 03 15	03 28 15		09 31 15	09 18 05	09 19 20	09 19 35	09 21 25	09 17 10	09 03 10
06 33 35	06 31 30			06 01 15	06 28 15		15 31 30	15 27 05	15 22 30	15 17 40	15 21 25	15 17 10	15 09 10
09 31 30	09 32 25			09 01 15	09 28 15		21 31 25	21 24 05	21 18 10	21 21 02	21 23 20	21 17 10	21 09 05
15 30 30	15 35 20				15 27 05		27 27 50	24 21 10	27 09 15	27 01 10	27 23 15	27 16 20	27 13 05
21 29 25	21 34 20				21 28 20		33 27 40	30 19 10	30 09 20		33 26 05	33 19 25	33 19 05
30 30 35	30 01 30				27 30 15		39 28 35	39 17 10				39 19 40	
45 28 35													
60 26 45													
66 26 45													

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day: HUMIDITY % on 12th	Diff from normal	WET BULB TEMP °C on 12th	Diff from normal	Previous day: Reading	Diff. from normal
Alexandria	61	−14	21.3	−1.5		
Ezbekiya	62	+3	22.6	+0.3		
Giza	56	−2	22.0	+0.5		
Helwân	58	+11	21.6	+1.6		

GIZA — GRASS MINIMUM TEMP. ON 13th 15.9° C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 13th 27.3° C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Diff. from normal m.
Jûba				13.35	−0.21
Nasser				8.74	−0.25
Malakâl		11.09	−0.23	11.07	−0.24
J. Aulia Res.					
J. Aulia D.S					
Roseires		17.28	+1.83	17.10	+1.74
Sennar Res.				9.05	—
Khartûm				12.48	+0.22
Kh. el Girba					
Atbara				12.28	+0.88
Kajnarti				134.10	+0.29
Aswân Res.		102.89	—	103.25	—
Aswân D.S		86.74	−0.30	86.72	−0.23
Roda (Cairo)		16.49	+0.83	16.49	+0.84

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	12-7	1910	1620
	12-7	1910	1620

Printed by the Survey of Egypt, 1945. (45/306)

At 8h. on Saturday 13th — الساعة ٨ يوم السبت ١٣

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	Total from Oct. 1 mms.	Norm from Oct. 1 mms.
MEDITERRANEAN: SALÛM												—		—				99
MATRÛH	00	9	22	1	0	0	—	11.5	+1.3	24.6	28	0	20	−1	82	0	101	161
MARIUT	00	8	28	3	0	2	8	10	—	27	29	—	24	—	58	0	187	138
ALEXANDRIA	00	9	28	2	0	0	—	11.0	+1.2	25.8	30	+1	23	+1	65	0	170	126
DAMIETTA	01	8	20	3	1	3	8	10.2	+1.4	26.7	29	—	20	—	78	0	81	106
PORT SA'ÎD	01	8	28	2	1	4	8	10.8	+2.6	26.7	32	+1	23	0	67	0	71	81
EL 'ARÎSH	00	9	24	1	0	3	8	10.4	+1.6	29.2	30	0	21	+1	63	0	—	94
LOWER EGYPT: DAMANHÛR	00	6	08	2	0	0	—	10.7	+1.6	27.0	31	−2	19	−1	63	0	92	101
MANSÛRA	00	8	20	1	0	0	—	11.0	+2.0	26.6	33	−2	19	−1	65	0	66	55
TANTA	00	8	20	1	0	0	—	11.0	+1.6	26.5	32	−3	18	−1	69	0	107	44
ZAGAZIG	00	6	16	2	0	0	—	10.7	+1.1	27.6	33	−2	20	+1	65	0	24	27
SHEBÎN EL KÔM	00	8	24	2	0	0	—	10.4	+0.7	27.2	34	—	20	—	63	0	36	—
MIDDLE EGYPT, CAIRO: ALMAZA	05	6	30	1	0	0	—	10.8	+1.4	24.9	35	—	21	—	74	0	10	—
EZBEKÎYA	05	5	32	2	0	0	—	11.1	+1.7	26.1	34	−2	22	+1	61	0	22	26
GÎZA	00	7	30	3	0	0	—	11.2	+1.7	25.1	35	0	21	+2	67	0	41	27
HELWÂN	00	7	32	1	0	0	—	11.1	+1.9	24.5	34	−1	20	−1	64	0	20	29
SUEZ	00	9	02	1	0	0	—	11.8	+3.4	26.8	36	0	22	−1	63	0	—	17
UPPER EGYPT: FAIYÛM	00	8	32	1	0	0	—	11.0	+1.8	24.9	35	−2	21	0	68	0	13	8
MINYA	00	9	28	2	0	0	—	10.2	+1.6	28.0	35	−2	21	0	55	0	tr	—
ASYÛT	00	7	22	1	0	0	—	10.3	+1.9	28.1	36	−1	22	−1	55	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	9.5	+2.1	28.8	35	—	18	—	45	0	1	—
QENA																	13	—
LUXOR	00	7	30	2	0	0	—	9.2	+2.3	34.0	40	−1	22	−1	29	0	0	—
ASWÂN	00	8	02	1	0	0	—	8.6	+1.4	29.4	39	−2	25	−1	24	0	tr	—
WESTERN DESERT: SÎWA	00	7	00	0	0	0	—	13.0	+1.0	26.2	36	−2	20	−1	77	0	5	8
BAHARÎYA	00	9	00	0	0	0	—	11.5	+1.5	28.0	38	+1	19	−1	57	0	0	7
KHÂRGA	00	9	20	1	0	0	—	9.6	+1.7	28.6	37	−3	22	−1	44	0	1	—
DAKHLA	00	8	28	1	0	0	—	10.6	+1.6	29.9	38	−1	22	−1	42	0	0	—
RED SEA: TÛR	00	7	28	4	0	0	—	8.4	+2.5	31.5	33	−1	25	+1	71	0	0	13
HURGHÂDA	00	8	30	3	0	0	—	—	—	29.3	34	−1	25	+1	47	0	1	3
QUSEIR	00	8	32	3	0	0	—	7.8	+1.5	30.6	34	0	25	−1	55	0	11	4
PORT SÛDÂN	02	8	10	3	1	5	4,2	8		34					56	0	35	98
NORTH SÛDÂN: WÂDI HALFA	01	8	22	1	1	3	1	9		30					18	0	Tr	—
KAREIMA	02	9	24	2	1	5	4	10		28					70	1	19	5
'ATBARA	02	8	20	3	1	5	4,5	10		29					59	Rain	26	16
KHARTÛM	02	8	18	2	2	6	6,4	12		24					94	0	90	38
KASSALA	02	8	10	3	1	7	6,4	12		24					84	0	117	86
CENTRAL SÛDÂN: WAD MEDANI	01	9	18	3	1	4	1	11		26					70	0	121	104
RENK	01	9	20	3	1	5	3	—		25		—		—	61	—	—	218
ROSEIRES	52	8	16	1	5	8	9,5	15		22					53	7	377	320
EL OBEID	02	9	18	3	1	6	6,4	11		23					94	2	129	107
EL FÂSHER	02	9	12	3	1	7	8,4	—	—	22					94	6	68	62
GENEINA	02	8	00	0	6	6	6	—	—	21		—		—	94	Rain	—	135
KADUGLI	02	8	04	3	1	6	8	13		22		—		—	94	—	—	370
S. SÛDÂN: MALAKÂL	02	8	06	2	1	6	6,4	14		22					94	0	376	393
WÂU																0	528	613
JUBA	02	8	12	3	6	7	9,4	14		22					94	16	771	656

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 13th — الرياح العليا يوم ١٣

MATRÛH 6h. 30m.	MARIUT 6h. 45m.	PORT SA'ÎD 6h. 30m.	HELWÂN 8h. 30m.	MINYA h. m.	ASYÛT 7h. m.	LUXOR h. m.	ASWÂN 7h. m.	WÂDI HALFA 7h. 15m.	ABU HAMAD 8h. m.	KAREIMA 7h. m.	KHARTÛM 7h. m.
03 31 25	03 32 20	03 28 15	02 01 15		03 34 05		02 01 10	09 05 10	09 25 25	09 20 30	09 21 30
06 33 20	06 32 30	06 29 15	05 36 25		05 02 25		05 36 25	15 32 10	15 27 15	15 18 05	15 18 20
09 35 15	09 30 20	09 29 20	08 01 30		10 02 40		10 33 20	21 28 10	21 02 05	21 03 02	18 14 25
15 31 35	15 32 20	15 28 30	10 03 05		15 32 25		15 29 30	27 25 15	24 34 05	27 07 15	21 12 20
21 30 35	21 29 20	21 28 20	15 33 20		20 30 20		20 28 30	33 15 15		33 03 15	24 12 35
30 29 20	30 28 20	33 26 20	20 31 40								27 11 20
45 27 20	45 01 20	45 01 05	23 30 30								30 13 30
			25 28 30								33 13 30
			30 29 20								

KASSALA 6h. 30m.	PORT SÛDÂN 7h. m.	EL OBEID 6h. 45m.	EL FÂSHER 7h. m.	GENEINA 7h. m.	MALAKAL 7h. m.
09 21 35	09 26 30	09 21 35	09 18 35	09 15 05	09 20 20
15 21 30	15 28 20	15 24 35	15 20 25	15 08 15	15 19 15
21 22 20	21 31 20	21 21 25	21 22 20		
27 08 10	27 31 05	27 20 20	27 28 20		
33 19 10		33 17 15	30 17 15		

CYPRUS SYNOPTIC 8h. ON 13th

34850 01853 10313 08272 00201 00270.
34710 00871 16101 07282 10003 00210.

UPPER AIR TEMP. ALMÂZA AT 05-30h G.M.T ON 13th

HEIGHT FEET	P.P.P m.b.	T.T °F	t.t °F
Surface	1007	78	73
500	984	71	65
1000	966	68	62
1500	949	68	54
2000	932	66	53
4000	865	61	47
6000	803	58	39
8000	744	56	34
10000	689	51	31
12000	637	46	27
14000	589	38	27
16000	543	37	28

WIND FORCE (F)

	X.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.

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	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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

ANNUAL SUBSCRIPTION P.T. 150

Sunset 18 58 Month JULY 1946

DAILY WEATHER REPORT

١٩٤٦ شهر يوليه

At 14h. on SATURDAY 13th — الساعة ١٤ يوم ١٢ السبت; At 20h. on 13th — الساعة ٢٠ يوم ١٢ السبت

Station	Present Weather ww (14h)	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	Humidity UU	Rain 8-14 mms	Present Weather ww (20h)	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	Humidity UU	Rain 14-20 mms	Station No.
Mediterranean																							
SALÛM																							[illegible]
MATRÛH	00	9	30	2	0	0	—	12.4	26.0	79	0	00	8	32	2	0	0	—	12.6	24.8	85	0	[illegible]
MARIUT	00	7	28	3	0	0	—	11	29	52	0	00	7	28	2	0	0	—	12	25	70	0	150
ALEXANDRIA	00	9	26	3	0	0	—	11.8	29.0	58	0	00	6	32	1	0	0	—	12.4	26.0	62	0	[illegible]
DAMIETTA	00	8	28	3	1	0	—	10.2	28.0	67	0	00	8	28	2	0	0	—	11.2	25.0	82	0	155
PORT SA'ÎD	00	8	30	3	0	0	—	10.6	30.0	59	0	00	8	30	3	0	0	—	11.5	25.4	71	0	134
EL 'ARÎSH	00	9	32	2	0	0	—	11.2	29.1	58	0	00	9	28	1	0	0	—	10.8	26.8	51		[illegible]
Lower Egypt																							
DAMANHÛR	00	7	32	4	0	0	—	10.7	29.8	53	0	00	7	32	3	0	0	—	11.0	25.7	68	0	
MANSÛRA	01	8	24	2	1	3	8	10.3	31.5	34	0	00	6	28	2	1	0	—	12.0	25.8	65	0	
TANTA	00	8	32	2	0	0	—	11.1	32.0	35	0	00	8	32	1	0	0	—	12.8	25.3	66	0	
ZAGAZIG	00	6	30	2	0	0	—	10.0	31.8	40	0	00	6	24	2	0	0	—	12.6	25.4	64	0	
SHEBÎN EL KÔM	00	8	04	3	0	1	8	9.6	32.9	33	0	00	7	02	2	0	0	—	10.0	28.3	56	0	
Middle Egypt																							
CAIRO ALMAZA	00	8	30	2	0	0	—	9.9	32.7	31	0	00	7	02	2	0	0	—	11.3	28.8	44	0	
CAIRO EZBEKÎYA	00	8	26	3	0	0	—	10.6	32.6	32	0	00	7	30	4	0	0	—	12.0	28.2	43	0	
CAIRO GÎZA	00	8	28	2	0	0	—	10.6	32.3	32	0	00	8	30	2	0	0	—	11.9	27.4	44	0	
HELWÂN	00	8	26	4	0	0	—	10.3	31.1	27	0	00	7	32	4	0	0	—	11.2	28.7	40	0	
SUEZ	00	9	02	2	0	0	—	10.3	32.5	36	0	00	9	32	2	0	0	—		29.8	63	0	
Upper Egypt																							
FAIYÛM	00	8	32	2	0	0	—	10.0	32.1	28	0	00	8	32	1	0	0	—	10.4	29.8	37	0	[illegible]
MINYA	00	9	02	2	0	0	—	10.3	35.0	23	0	00	9	32	2	0	0	—	10.0	30.4	29	0	[illegible]
ASYÛT	00	8	28	2	0	0	—	9.2	35.1	28	0	00	6	28	1	0	0	—	9.8	29.3	40	0	[illegible]
NAG HAMADI	00	8	24	2	0	0	—	8.6	35.1	25	0	00	8	00	0	0	0	—	9.4	27.9	49	0	154
QENA	00	9	22	2	0	0	—	7.5	37.0	26	0	00	6	26	3	0	0	—	8.1	33.2	26	0	[illegible]
LUXOR	00	7	18	2	0	0	—	7.9	39.5	18	0	00	6	30	3	0	0	—	8.3	33.5	26	0	[illegible]
ASWÂN	00	9	22	2	0	0	—	6.8	37.0	14	0												[illegible]
Western Desert																							
SÎWA	00	8	00	0	0	0	—	12.4	35.2	55	0	00		00	0	0	0	—	12.8	32.0	60	0	148
BAHARÎYA	00	9	32	1	0	0	—	11.6	34.5	39	0	00		00	0	0	0	—	11.4	27.0	56	0	149
KHÂRGA	00	9	30	1	0	0	—	—	36.8	26	0	00		02	1	0	0	—			30	0	151
DAKHLA	00	9	04	3	0	0	—		37.5	26	0	00	7	28	1	0	0	—	10.0	30.2	30	0	152
Red Sea																							
TÔR	00	7	28	5	0	0	—	10.3	30.5	65	0	00	7	28	3	0	0	—	7.8	30.9	65	0	145
HURGHADA	00	8	32	3	0	0	—		32.7	41	0	00	8	26	2	0	0	—		28.0	58	0	146
QUSEIR	00	8	32	2	0	0	—	8.0	32.2	55	0	00	8	32	2	0	0	—	8.4	30.0	47	0	147
PORT SUDAN	25	8	10	3	8	5	8,1	5	34	65													208
North Sûdân																							
WÂDI HALFA	00	8	02	2	1	3	8,1	7	39	11													165
KAREIMA	01	8	26	2	1	3	8	7	36	37													166
'ATBARA	01	8	20	2	1	5	8,1	6	36	35													167
KHARTÛM	02	8	18	2	2	5	8,4,1	9	32	50													209
KASSALA	02	8	14	1	8	5	8,1	8	32	55													170
Central Sûdân																							
WAD MEDANI	25	8	18	4	8	5	8	7	32	43													171
RENK	01	9	16	3	1	4	4		28	58													182
ROSEIRES	02	8	20	1	2	5	3		28	66													172
EL OBEID	81	9	20	4	8	6	6,4	8	29	52													174
EL FASHER	10	9	14	2	1	6	8,6,4	—	28.9	58													175
GENEINA	61		30	3	6	8	8,2,6	—	21?	94													179
KADUGLI	01	8	12	3	1	4	9	10	31	55													187
S. Sûdân																							
MALAKAL	01	8	16	2	1	5	4,5	11	28	66													176
WÂU	01	8	16	1	1	4	8	9	29	52													177
JUBA	02	8	04	1	1	7	6,5	11	28	70													178

UPPER WINDS ON 13th — الرياح العليا يوم ١٢

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH 13h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA 13h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13h. 15m.	KAREIMA 13h. 15m.	KHARTÛM 13h. m.	KASSALA 12h. 45m.	EL OBEID 13h. m.	MALAKAL 13h. m.	JUBA 13h. m.
03 33 20				03 36 20			09 33 10	09 23 15	09 22 10	09 18 15	09 23 25	09 20 20	09 05 10
06 32 10				06 35 10			15 07 05	15 20 10	15 19 20	15 20 10	15 22 30	15 19 20	15 06 15
09 30 15				09 36 15			21 19 05	21 08 10	21 16 20	21 18 20	21 23 30	21 20 20	21 10 20
15 27 30				12 33 20			27 23 20	27 13 30	24 15 20	27 20 40	27 21 20		27 16 10
21 24 30				15 32 25			33 27 30	39 17 15	30 12 25	33 26 10	33 19 20		
27 25 30				21 25 20			39 29 20		33 11 30	39 31 15	39 15 10		
30 25 45				24 27 20									
39 27 20				27 29 10									
51 27 30				30 30 10									

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 13th	Diff from normal	Wet bulb temp °C on 13th	Diff from normal
Alexandria	61	−14	21.7	−1.2
Ezbekîya	49	−10	20.7	−1.6
Gîza	52	−7	20.5	−1.0
Helwân	49	+2	19.6	−0.4

GIZA — GRASS MINIMUM TEMP on 14th 15.0°C

CAIRO — WATER TEMP RIVER NILE AT 9h. on 14th 27.1°C

Discharges at Aswân measured by sluices m³ per sec.	1946	1945
14-7	1910	1620
13-7	1910	1620

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	14			13.22	−0.34
Nâsser				8.76	−0.26
Malakâl		11.10	−0.23	11.09	−0.23
J. Aulia Res.				373.38	
J. Aulia D.S.				371.92	−0.30
Roseires		17.75	+2.19	17.28	+1.83
Sennar Res.				9.45	
Khartûm				12.44	+0.06
Kh. el Girba				13.70	+1.24
'Atbara		12.88	+1.33	12.36	+0.88
Kajnarti		134.39	+0.31	134.25	+0.33
Aswân Res.		102.55		102.89	
Aswân D.S.		86.72	−0.33	86.72	−0.30
Roda (Cairo)		16.54	+0.88	16.49	+0.83

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on SUNDAY 14th — الساعة ٨ يوم ١٤ الأحد

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Norm from Oct. 1 mms.
Mediterranean																		
SALÛM												—		—				99
MATRÛH	00	9	28	2	0	0	—	14.0	+2.9	24.0	27	−1	20	−1	83	0	101	161
MARIUT	00	7	29	2	0	0	—	13		27	29	—	22	—	62	0	187	138
ALEXANDRIA	00	9	28	1	0	0	—	13.1	+3.4	26.7	30	+1	23	0	56	0	170	186
DAMIETTA	01	8	28	2	1	4	8	12.4	+3.6	26.3	29	—	21	—	74	0	81	106
PORT SA'ÎD	01	8	30	2	1	5	8	12.6	+4.5	26.4	31	0	23	0	67	0	71	81
EL 'ARÎSH	00	9	20	1	0	3	8	12.0	+3.2	28.1	30	0	20	0	65	0	—	94
Lower Egypt																		
DAMANHÛR	09	7	04	3	0	0	—	12.6	+3.6	26.8	31	−2	19	−1	66	0	92	101
MANSÛRA	01	8	04	2	1	3	8	12.7	+3.8	26.6	33	−2	20	0	68	0	66	55
TANTA	00	8	28	1	0	0	—	13.4	+4.0	25.6	32	−3	17	−2	70	0	107	4
ZAGAZIG	01		24	2	1	4	1	13.4	+3.9	27.2	33	−2	18	−1	67	0	24	7
SHEBÎN EL KÔM	00	8	30	1	0	0	—	12.6	+3.0	26.2	35	—	19	—	64	0	36	
Middle Egypt																		
CAIRO ALMAZA	05	6	04	1	0	3	8	12.9	+3.5	24.3	34	—	22	—	69	0	10	
CAIRO EZBEKÎYA	01	6	02	2	1	4	8	13.4	+4.0	25.6	34	−2	21	−1	67	0	22	26
CAIRO GÎZA	00	7	30	2	0	0	—	13.5	+4.1	24.7	33	−2	17	−2	72	0	41	27
HELWÂN	00	7	32	1	0	1	8	13.2	+4.0	24.0	33	−2	20	−1	70	0	20	29
SUEZ	00	9	30	1	0	0	—	13.5	+5.1	24.8	34	−2	22	−1	78	0	—	17
Upper Egypt																		
FAIYÛM	00	8	32	3	0	0	—	12.6	+3.5	25.2	34	−3	20	−1	69	0	13	8
MINYA	00	9	32	1	0	0	—	12.4	+3.8	27.5	36	−1	20	−1	50	0	dr.	
ASYÛT	00	7	22	1	0	0	—	12.2	+3.8	28.8	36	−1	22	−1	47	0	0	4
NAG HAMADI	00	8	00	0	0	0	—	11.1	+3.8	28.9	36	—	19	—	47	0	1	—
QENA	00	8	22	2	0	0	—	10.7	+4.0	28.4	40	−1	22	−2	39	0	13	—
LUXOR	00	7	14	2	0	0	—	11.0	+4.1	35.0	40	−1	23	−0	26	0	0	—
ASWAN	00	9	32	3	0	0	—	10.4	+3.2	30.8	39	−2	26	0	23	0	dr.	
Western Desert																		
SÎWA	00	7	00	0	0	0	—	14.4	+2.5	28.0	36	−2	19	−2	66	0	5	8
BAHARÎYA	00	9	00	0	0	0	—	13.5	+3.5	27.5	36	−1	19	−1	47	0	0	7
KHÂRGA	00	9	05	3	0	0	—	12.0	+4.1	28.9	38	−2	21	−2	42	0	1	—
DÂKHLA	00	8	04	1	0	0	—	11.9	+3.0	29.7	38	−1	23	0	42	0	0	—
Red Sea																		
TÔR	00	7	12	3	0	0	—	9.5	+3.6	26.2	35	+1	24	0	79	0	0	13
HURGHÂDA	00	8	30	4	0	0	—			29.2	34	−1	25	+1	49	0	1	3
QUSEIR	00	8	32	3	0	0	—	9.2	+2.9	30.0	33	−1	26	0	54	0	11	4
PORT SÛDÂN	00	9	00	0	0	3	3	8		35					53	1	36	99
North Sûdân																		
WÂDI HALFA	00	8	18	2	0	0	—	10		31					22	0	tr.	—
KAREIMA	01	8	00	0	1	4	4	11		29					62	6	25	6
'ATBARA	01	8	20	3	1	5	4	11		28					66	4	30	17
KHARTÛM	01	8	18	2	6	4	4,5	12		27					79	2	92	40
KASSALA	02	8	14	1	1	7	4,5	13		25					70	tr.	117	89
Central Sûdân																		
WAD MEDANI	01	9	16	4	1	3	3	12		27					70	16	137	108
RENK	01	9	20	3	1	4	4	13		27		—		—	74	—	—	222
ROSEIRES	01	8	06	1	1	5	4	—		24					84	1	378	327
EL OBEID	02	9	18	3	1	6	4,5	13		24					50	tr.	129	110
EL FÂSHER	02	9	00	0	1	6	4	—	—	24					84	4	72	65
GENEINA	02	8	18	3	6	5	6,4			28		—		—	58	Rain	—	140
KADUGLI	02	8	12	2	1	7	9	13		23		—		—	84	—	—	375
S. Sûdân																		
MALAKÂL	02	8	32	1	1	7	4,5	13		23					95	0	376	399
WÂU	01	8	24	2	1	4	6	14		23					78	5	533	618
JUBA	02	7	00	0	2	8	6,5	14		28					70	0	771	659

UPPER WINDS ON 14th — الرياح العليا يوم ١٤

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH 6h. 45m.	MARIUT 6h. 30m.	PORT SA'ÎD h. m.	HELWÂN 8h. 45m.	MINYA 6h. 45m.	ASYÛT 7h. m.	LUXOR 6h. 45m.	ASWÂN 7h. m.	WÂDI HALFA 7h. 15m.	ABU HAMAD 7h. m.	KAREIMA 7h. m.	KHARTÛM 7h. m.
03 30 15	03 33 20		02 36 10	03 02 25	02 03 15	03 33 15	02 35 10	09 07 20	09 24 35	09 21 30	09 23 15
06 27 05	06 34 20		05 02 15	06 36 25	05 01 20	06 33 20	05 36 25	15 35 20	15 27 25	15 21 20	15 25 30
09 20 05	09 34 20		08 02 15	09 32 40	10 35 40	09 34 35	10 36 25	21 30 15	21 30 15	21 12 05	21 20 05
15 29 45	15 31 20		10 35 25	15 32 40	15 32 45	15 33 10	15 32 20	27 24 15	24 33 10	27 07 30	24 15 10
30 31 35	21 26 15		15 32 60	21 29 15		21 21 15	20 29 25	33 26 30		33 10 35	30 12 05
39 33 45	30 22 20		20 28 25	27 27 02		27 22 10	25 27 30	39 28 40		39 13 20	
51 05 45	39 22 35		25 25 15	30 11 20		30 13 15	30 25 35				
57 35 45	42 31 30		30 19 20	33 10 05		39 25 25					
60 35 45	45 31 30		35 18 15	36 14 10		45 36 05					

KASSALA 7h. m.	PORT SÛDÂN 7h. m.	EL OBEID 7h. 30m.	EL FÂSHER 7h. m.	GENEINA 7h. 15m.	MALAKAL 6h. 30m.
09 20 15	09 27 15	09 21 25	09 27 02	09 21 15	09 03 05
15 24 10	15 30 35	15 23 30	15 28 10	12 22 25	15 05 05
21 16 15	21 30 15	21 25 10	21 22 20		21 13 05
27 16 15	27 26 15	27 28 15	24 22 20		27 17 15
	33 24 05				33 16 15
					39 17 10

UPPER AIR TEMP ALMÂZA AT 6h. G.M.T. ON 14th

HEIGHT FEET	PPP m.b.	TT °F	°F
Surface	1004	75	69
500	986	68	65
1000	968	66	64
1500	951	66	59
2000	934	68	52
4000	867	63	44
6000	804	63	39
8000	746	58	35
10000	690	54	32
12000	639	46	27
14000	590	41	30
16000	544	35	28

CYPRUS SYNOPTIC 8h. ON 14th

34710 00861 11301 11272 10103 00180
34810 01953 14103 11261 90203 00190

ANNUAL SUBSCRIPTION P.T. 150

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	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
[illegible]	[illegible]
[illegible]	18
[illegible]	20-29
[illegible] duststorm	28
[illegible] thunderstorm	29
[illegible]	30-34
Fog or Thick Haze	40-49
[illegible] hour	41
[illegible]	45
[illegible]	[illegible]
Drizzle	50-59
Rain	60-69
[illegible]	[illegible]
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	[illegible]
,, 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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	[illegible]

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.

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

DAILY WEATHER REPORT

Time of Sunrise [illegible] h. m.
Sunset 18 58

Month JULY 1946 — شهر يوليه ١٩٤٦

At 14h. on SUNDAY 14th — الساعة ١٤ يوم ١٤

At 20h. on 14th — الساعة ٢٠ يوم الأحد ١٤

STATION	Present Weather (ww)	Visibility (V)	Wind Dir. (dd)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	°C Temp. (TTT)	% Humidity (UU)	Rain 8-14h. mms	20h Present Weather (ww)	20h Visibility (V)	20h Wind Dir. (dd)	20h Wind Force (F)	20h Past Weather (W)	20h Cloud Amount (N)	20h Cloud Form (C)	20h Bar Press M.S.L. 1000+ mbs. (PPP)	20h °C Temp. (TTT)	20h % Humidity (UU)	Rain 14-20h. mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	30	2	0	0	—	13.8	26.4	78	0	00	8	30	2	0	3	8	13.9	24.2	82	0	131
MARIUT	00	8	29	4	0	0	—	13	29	52	0	00	7	31	2	0	0	—	13	25	70	0	150
ALEXANDRIA	00	9	28	2	0	0	—	13.4	29.6	55	0	00	6	28	2	0	0	—	13.6	25.0	73	0	132
DAMIETTA	00	8	30	3	1	2	8	12.0	27.8	71	0	00	8	30	2	1	0	—	13.2	25.2	82	0	159
PORT SAÏD	00	8	30	3	0	0	—	12.3	29.7	55	0	01	8	30	2	0	3	8	12.2	25.3	77	0	134
EL ARÎSH	00	9	28	1	0	0	—	11.2	28.2	63	0	00	9	24	1	0	0	—	12.6	26.5	72	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	04	4	0	0	—	12.0	30.7	40	0	00	7	32	2	0	0	—	11.0	25.2	68	0	136
MANSÛRA	01	8	04	2	1	3	8	12.0	31.8	37	0	00	6	02	2	1	0	—	12.7	25.8	65	0	137
TANTA	00	8	32	2	0	0	—	12.4	32.0	33	0	00	8	32	1	0	0	—	12.5	25.4	58	0	138
ZAGAZIG	01	6	32	2	1	4	8	12.2	31.5	40	0	00	6	32	2	0	0	—	12.3	25.0	67	0	139
SHEBÎN EL KÔM	00	8	02	2	0	1	8	11.4	32.8	30	0	00	7	02	2	0	0	—	11.7	27.9	53	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	02	2	0	0	—	11.0	32.2	34	0	00	7	02	3	0	0	—	11.1	28.8	48	0	[illegible]
CAIRO EZBEKÎYA	00	9	32	1	0	0	—	11.6	32.6	30	0	00	7	32	4	0	0	—	12.0	26.8	42	0	—
CAIRO GÎZA	00	8	30	3	0	0	—	11.6	32.4	28	0	00	8	32	2	0	0	—	12.3	27.8	46	0	—
HELWÂN	00	8	00	0	0	0	—	11.4	31.5	30	0	00	7	32	3	0	0	—	11.2	28.7	42	0	[illegible]
SUEZ	00	9	02	1	0	0	—	11.9	31.6	40	0	00	9	30	3	0	0	—	11.2	29.4	54	0	[illegible]
UPPER EGYPT																							
FAIYÛM	00	8	30	3	0	0	—	11.4	31.6	30	0	00	8	32	3	0	0	—	11.0	29.2	39	0	[illegible]
MINYA	00	9	32	3	0	0	—	11.2	34.1	29	0	00	9	32	1	0	0	—	10.8	30.0	33	0	[illegible]
ASYÛT	00	8	30	1	0	0	—	10.4	34.0	20	0	00	6	28	1	0	0	—	10.3	29.1	39	0	[illegible]
NAG' HAMADI	00	8	24	2	0	0	—	9.0	34.6	27	0	00	8	00	0	0	0	—	9.0	29.0	38	0	[illegible]
QENA	00	9	24	1	0	0	—	9.1	37.3	25	0	00	6	24	1	0	0	—	7.5	33.4	21	0	[illegible]
LUXOR	00	7	30	2	0	0	—	9.0	38.5	18	0	00	6	30	2	0	0	—	8.3	33.5	26	0	[illegible]
ASWÂN	00	9	28	2	0	0	—	8.2	37.8	13	0	00		30	2	0	0	—	8.4	35.0	15	0	[illegible]
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	—	13.8	35.0	57	0	00		00	0	0	0	—	13.4	32.7	51	0	[illegible]
BAHARÎYA	00	9	00	0	0	0	—	11.1	37.0	30	0												[illegible]
KHÂRGA	00	9	32	3	0	0	—	10.8	36.5	26	0	00		32	4	0	0	—	11.7	33.8	31	0	[illegible]
DAKHLA	00	9	32	3	0	0	—	10.3	36.2	29	0	00	7	32	2	0	0	—	11.9	29.0	46	0	[illegible]
RED SEA																							
TÔR	00	7	28	4	0	0	—	—	32.6	38	0	00	7	28	3	0	0	—	9.6	31.1	68	0	[illegible]
HURGHÂDA	00	8	32	4	0	0	—		32.4	43	0	00	8	32	2	0	0	—		27.8	45	0	[illegible]
QUSEIR	00	8	32	2	0	0	—	6.6	33.0	51	0	00	8	32	2	0	0	—	8.3	30.7	47	0	[illegible]
PORT SÛDÂN	00	8	10	4	0	3	8	6	37	50													208
NORTH SÛDÂN																							
WÂDI HALFA	01	8	02	2	1	3	1	7	39	11													165
KAREIMA	01	9	30	2	1	3	8	1	37	33													96
ATBARA	11	8	22	3	6	5	6	7	35	44													167
KHARTÛM	01	8	20	2	1	4	8,6,1	7	34	36													209
KASSALA	01	8	26	2	6	5	8,1	7	33	47													170
CENTRAL SÛDÂN																							
WAD MEDANI	22	8	30	3	6	8	9	—	23	94													171
RENK	01	9	20	3	1	5	8	—	30	59													182
ROSEIRES																							172
EL OBEID	10	9	24	4	1	6	9,4	9	31	43													174
EL FÂSHER	10	9	18	2	1	6	8,6,4	—	31	49													175
GENEINA	25	8	20	1	8	6	6,4	—	27	52													179
KADUGLI	01	8	20	3	1	4	9	11	29	59													187
S. SÛDÂN																							
MALAKÂL	02	8	28	2	1	5	8,4	10	31	62													176
WÂU	02	8	24	2	1	6	6,8	12	28	58													177
JUBA	01	8	00	0	1	4	9,4	10	29	66													178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 14th — الرياح العليا يوم ١٤

MATRÛH	MARIUT	PORT SAÏD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
13 h. 15 m.	12 h. 45 m.	12 h. 30 m.	h. m.	h. m.	h. m.	h. m.	13 h. 15 m.	11 h. 45 m.	13 h. m.	12 h. 45 m.	12 h. m.	13 h. m.	13 h. 15 m.
03 24 15	03 34 25	03 33 15					09 31 05	09 22 10	09 25 15	09 22 10	09 22 20	09 35 15	09 03 05
06 31 20	06 31 30	06 31 15					15 27 15	15 27 05	15 25 20	15 24 10	15 23 30	15 25 05	15 03 05
09 27 20	09 35 15	09 31 25					21 27 20	18 01 05	21 18 10	21 20 10	21 24 45	21 25 05	
15 27 20	12 01 15	12 29 20					27 29 30	21 03 05	24 16 10	24 21 05	24 24 70	27 20 10	
21 27 20	15 01 20	15 32 15					33 30 35	27 13 15	27 13 10			33 17 10	
30 27 30	18 33 15	21 24 15					39 31 05	33 14 30	30 12 05			39 16 15	
39 24 35	21 01 20	24 06 20					45 31 05	39 19 05	33 13 10				
45 24 50	27 32 15								39 13 10				
57 22 —	30 01 15												

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time.

Station	[illegible] 14th	Diff. from normal	[illegible] Bulb Temp. 14th	Diff. from normal
Alexandria	62	−13	21.8	−1.1
[illegible]	52	− 7	20.7	−1.6
[illegible]	55	− 4	20.5	−1.1
[illegible]	53	+ 5	20.1	+0.1

Gîza — Grass Minimum Temp. 15th 14.8°

Cairo — Water Temp. River Nile on 15th 27.0°

Discharges at Aswan [illegible]	[illegible]	1946	1945
15-7		1910	1678
14-7		1910	1620

GAUGE	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	15th				
Nâsser				8.80	−0.25
Malakâl		11.11	−0.23	11.10	−0.23
J. Aulia Res.				373.54	
Aulia D.S.				371.91	−0.37
Roseires		18.44	+2.74	17.75	+2.19
Sennar Res.				9.76	
Khartûm				12.46	+0.02
Kh. el Girba					
Atbara		12.58	+0.96	12.88	+1.33
Hajnarti				134.39	+0.31
Aswân Res.		102.22		102.55	
Aswân D.S.		86.72	−0.38	86.72	−0.33
Roda (Cairo)		16.54	+0.87	16.54	+0.88

Printed by the Survey of Egypt 1945 (45/306)

At 8h. on MONDAY 15th — الساعة ٨ يوم الاثنين ١٥

STATION	Present Weather (ww)	Visibility (V)	Wind Dir. (dd)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Pressure M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	% Humidity	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				99
MATRÛH	01	9	30	2	0	4	8	13.6	+3.5	25.0	27	−1	20	−1	80	0	101	161
MARIUT	01	8	30	2	0	4	4,5	13		26	29	—	21	—	62	0	187	138
ALEXANDRIA	01	9	32	1	1	4	8	13.4	+3.7	25.6	30	+1	23	0	67	0	170	186
DAMIETTA	00	8	30	2	0	0	—	12.4	+3.7	26.7	28	—	23	—	73	0	81	106
PORT SAÏD	00	8	30	3	0	3	8	12.2	+4.2	27.3	30	−1	24	+1	61	0	71	81
EL ARÎSH	00	9	28	1	0	0	—	11.8	+3.0	27.4	28	−2	19	−1	64	0	—	94
LOWER EGYPT																		
DAMANHÛR	01	6	04	3	1	3	8	12.6	+3.6	26.2	31	−2	19	−1	73	0	92	101
MANSÛRA	00	8	32	2	0	0	—	12.6	+3.8	26.6	33	−2	20	0	61	0	66	55
TANTA	00	8	32	1	0	0	—	13.1	+3.7	26.3	32	−3	16	−3	66	0	107	44
ZAGAZIG	00	6	02	2	0	0	—	12.6	+3.1	26.8	33	−2	20	+1	66	0	24	27
SHEBÎN EL KÔM	00	8	02	1	0	0	—	12.6	+3.0	25.8	34	—	18	—	66	0	36	
MIDDLE EGYPT																		
CAIRO ALMÂZA	00	7	04	2	0	2	6	12.5	+3.2	24.9	34	—	21	—		0	10	
CAIRO EZBEKÎYA	05	6	02	2	0	4	8	12.7	+3.4	26.2	34	−2	21	−1	60	0	22	26
CAIRO GÎZA	00	7	30	2	0	2	4	12.8	+3.5	26.1	33	−2	17	−2	68	0	41	27
HELWÂN	00	7	02	3	0	0	—	12.3	+3.2	25.4	33	−2	20	−1	57	0	20	29
SUEZ	00	9	02	1	0	0	—	12.8	+4.5	26.3	35	−1	21	−2	70	0	—	17
UPPER EGYPT																		
FAIYÛM	00	8	02	3	0	0	—	11.9	+2.8	25.6	34	−3	20	−1	64	0	13	8
MINYA	00	9	32	2	0	0	—	11.5	+2.9	28.5	35	−2	22	+1	43	0	dr.	
ASYÛT	00	8	28	1	0	0	—	11.1	+2.7	28.5	36	−1	22		44	0	0	4
NAG' HAMADI	00	8	30	1	0	0	—	9.9	+2.7	29.8	36	—	21		36	0	1	
QENA	00	8	22	2	0	0	—	8.6	+1.9	32.0	40	−1	22	−2	33	0	13	
LUXOR	00	7	30	2	0	0	—	9.2	+2.4	32.0	40	−1	22	−1	33	0	0	
ASWÂN	00	9	32	2	0	0	—	9.1	+2.0	29.8	39	−2	24	−2	24	0	dr.	
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	15.2	+3.3	25.2	36	−2	19	−2	76	0	5	8
BAHARÎYA																		7
KHÂRGA	00	9	32	3	0	0	—	11.2	+3.3	27.1	37	−3	24	+1	54	0	1	
DAKHLA	00	8	00	0	0	0	—	11.4	+2.5	29.5	37	−2	22	−1	44	0	0	
RED SEA																		
TÔR	00	7	28	4	0	0	—	9.8	+3.9	26.2	33	−1	24	0	79	0	0	13
HURGHÂDA	00	8	30	4	0	0	—			29.0	33	−2	24	0	50	0	1	3
QUSEIR	00	8	32	3	0	0	—	7.4	+1.2	29.8	34	0	26	0	46	0	11	4
PORT SÛDÂN	02	8	00	0	1	5	4	6		35					63	0	36	99
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	3	0	0	—	9		31					24	0	tr.	
KAREIMA	01	8	16	1	1	3	4	9		31					55	0	25	6
ATBARA	02	8	24	1	1	6	4,5	9		29					66	tr.	30	17
KHARTÛM	02	8	20	2	2	6	9,4,5	10		27					70	0	92	41
KASSALA	02	8	18	2	1	5	4,5	10		27					70	tr	117	92
CENTRAL SÛDÂN																		
WAD MEDANI	02	9	18	4	1	7	3	10		26					79	34	171	112
RENK																	—	226
ROSEIRES	03	8	08	2	2	8	7,5	—		22					94	0	378	333
EL OBEID	02	9	24	3	1	7	4,5	11		25					79	0	129	113
EL FÂSHER	02	9	28	2	1	6	4	—	—	26					70	6	78	69
GENEINA	05	7	22	2	1	6	6,4	—	—	21		—		—	65	Rain	—	145
KADUGLI	01	8	28	2	1	4	4	12		25					79	—	—	380
S. SÛDÂN																		
MALAKÂL	01	8	24	2	1	5	6,4,5	12		25					84	0	376	405
WÂU	02	8	24	1	1	5	6,4,2	12		23					89	1	534	624
JUBA	02	8	18	3	1	7	4	14		23					89	0	771	663

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 15th — الرياح العليا يوم ١٥

MATRÛH	MARIUT	PORT SAÏD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
7 h. 15 m.	7 h. 15 m.	h. m.	8 h. 57 m.	h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. 15 m.	7 h. m.	7 h. 15 m.	6 h. 30 m.
03 32 20	03 35 25		02 36 10		02 02 15	03 28 15	02 35 20	09 36 30	09 36 40	09 36 10	09 23 25
06 32 25	06 34 15		05 03 20		05 01 35	06 36 20	05 35 40	15 30 25	15 35 30	15 03 20	15 24 30
09 34 35	09 29 25		10 03 30		10 34 50	09 33 35	10 35 40	21 31 40	21 03 15	21 02 20	21 33 20
15 34 35	12 23 05		15 04 30			12 35 25	15 34 15	27 33 55	27 31 15	27 05 15	24 03 15
21 32 25			20 03 20			15 36 15	20 31 10	33 32 10	33 26 20	33 07 10	30 04 25
30 30 20			25 29 20			18 35 10	25 29 25	39 29 15	39 25 10	39 36 05	
33 31 20			26 24 25			21 24 05	30 28 05				
							35 29 05				

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6 h. 45 m.	7 h. 15 m.	7 h. 30 m.	8 h. m.	7 h. m.	7 h. m.
09 22 20	09 11 35	09 26 30	09 32 15	09 25 20	09 31 30
15 25 20	15 14 30	15 27 35	15 31 20	15 27 30	15 30 15
21 24 20	21 16 20	24 29 30	21 29 30	21 27 35	21 29 10
27 24 15	27 12 15	33 09 05	27 28 35	27 28 30	27 31 10
33 26 15	30 12 15				33 30 15
39 26 05					39 01 20

UPPER AIR TEMP. ALMÂZA AT 5h G.M.T. ON 15th

HEIGHT feet	P.P.P. m.b.	T °F	[illegible] °F
Surface	1002	74	70
500	984	68	66
1000	966	66	65.5
1500	949	66	58
2000	932	67	53
4000	865	59	46
6000	803	65	40
8000	744	61	37
10000	689	51	33
12000	637	44	26
14000	589	41	30
16000	543	32	26

CYPRUS [illegible] ON 15th

34700 00990 22200 10281 80902
34800 00990 26300 09261 50804

ANNUAL SUBSCRIPTION P.T. 150

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	06
Distant Fog	08
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 [illegible]	[illegible]
Fog [illegible] hour	41
[illegible]	[illegible]
Fog in patches	[illegible]
Drizzle	50-59
Rain	60-69
[illegible]	[illegible]
Rain and snow	[illegible]
Snow	[illegible]
Showers	[illegible]
[illegible]	84
[illegible]	88
[illegible]	89
Thunderstorm	99
[illegible]	91
[illegible] hail	96
[illegible]	[illegible]
[illegible] with hail	9

PAST WEATHER (W)

Clear [illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible] duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	[illegible]
Showers	[illegible]
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 AMOUNT (N)

Clear	0
Trace	[illegible]
1 Tenth	2
2, 3 Tenths	[illegible]
4, 5, 6 Tenths	4
[illegible] Tenths	[illegible]
[illegible] Tenths	[illegible]
Over 9 Tenths	[illegible]
Overcast	[illegible]
Fog or Dust	[illegible]

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)

[illegible] 09 = East, 18 = South, 24 = West, 32 = North, 00 is Calm

CLOUD FORM (C)

Cirrus	[illegible]
Cirro-stratus	[illegible]
Cirro-cumulus	[illegible]
Alto cumulus	[illegible]
Alto-stratus	[illegible]
Strato-cumulus	[illegible]
Nimbo-stratus	[illegible]
Cumulus	[illegible]
Cumulo-nimbus	[illegible]
Stratus	[illegible]

Sunset 18 58 Month JULY 1946 DAILY WEATHER REPORT شهر يوليه ١٩٤٦

At 14h. on MONDAY 15th الساعة ١٤ يوم ١٥ الاثنين — At 20h. on 15th الساعة ٢٠ يوم

Station	14h Present Weather ww	Visibility V	Wind Dir. dd	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 mms	20h Present Weather ww	Visibility V	Wind Dir. dd	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20 mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	01	9	30	3	1	4	8	13.1	26.0	85	0	00	8	28	2	1	0	—	12.4	24.8	82	0	131
MARIUT	01	8	28	3	0	3	8	12	28	55	0												150
ALEXANDRIA	01	9	28	2	2	4	4	12.3	29.3	51	0	00	6	32	2	0	0	—	11.9	24.0	64	0	132
DAMIETTA	00	8	28	3	1	3	8	11.4	27.9	69	0	00	7	28	2	1	0	—	10.8	24.6	80	0	158
PORT SA'ÎD	00	8	30	3	0	0	—	11.5	30.2	48	0	00	8	30	2	0	0	—	10.6	25.3	61	0	134
EL 'ARÎSH	00	9	32	1	0	0	—	10.8	28.5	49	0	00	9	28	1	0	0	—	10.2	27.2	63	0	135
LOWER EGYPT																							
DAMANHÛR	01	7	08	3	1	3	8	11.6	29.2	51	0	00	7	08	3	0	0	—	11.1	24.0	67	0	136
MANSÛRA	01	8	04	2	1	3	8	10.3	32.4	36	0	00	6	32	2	1	0	—	11.0	25.0	62	0	137
TANTA	00	8	32	2	0	0	—	11.1	32.0	35	0	00	8	00	0	0	0	—	11.8	23.4	67	0	138
ZAGAZIG	00	6	24	2	0	0	—	10.8	31.8	35	0	00	6	32	2	0	0	—	12.0	25.0	64	0	139
SHEBÎN EL KÔM	00	8	02	3	0	0	—	9.9	32.8	33	0	00	7	02	2	0	0	—	11.5	27.7	58	0	
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	02	4	0	0	—	9.8	32.6	21	0												141
CAIRO EZBEKÎYA	00	8	02	2	0	0	—	10.4	32.3	30	0	00	7	04	2	0	0	—	10.2	27.4	52	0	
CAIRO GÎZA	00	8	30	3	0	0	—	10.3	32.1	26	0	00	8	32	3	0	0	—	10.6	27.8	50	0	
HELWÂN	00	8	02	2	0	0	—	9.9	32.2	19	0	00	7	32	4	0	0	—	9.8	28.9	37	0	143
SUEZ	00	9	32	2	0	0	—	9.9	31.9	38	0	00	9	30	2	0	0	—	9.7	30.6	45		144
UPPER EGYPT																							
FAIYÛM	00	8	02	4	0	0	—	9.9	32.6	21	0	00	8	02	2	0	0	—	9.4	28.3	43	0	153
MINYA	00	9	32	4	0	0	—	9.5	34.3	21	0	00	9	32	2	0	0	—	9.0	30.2	33	0	154
ASYÛT	00	8	28	1	0	0	—	8.6	35.1	13	0	00	7	28	1	0	0	—	8.0	29.2	39	0	155
NAG' HAMÂDI	00	8	24	2	0	0	—	—	35.0	18	0	00	8	24	1	0	0	—	6.0	30.1	24	0	164
QENA	00	9	26	2	0	0	—	5.2	39.0	15	0	00	8	22	3	0	0	—	4.4	31.6	27	0	156
LUXOR	00	7	26	2	0	0	—	6.2	40.0	15	0	00	6	[illegible]	4	0	0	—	4.8	33.5	19	0	157
ASWÂN	00	9	28	3	0	0	—	4.7	37.5	12	0	00	9	28	3	0	0	—	5.0	34.0	14	0	158
WESTERN DESERT																							
SÎWA	00	8	28	2	0	0	—	14.0	34.0	56	0	00		00	0	0	0	—	12.8	32.6	65	0	148
BAHARÎYA	00	9	00	0	0	0	—	11.0	36.5	32	0												149
KHÂRGA	00	9	32	4	0	0	—	9.8	35.4	32	0	00		32	4	0	0	—	9.1	34.0	32	0	151
DAKHLA	00	9	28	2	0	0	—	10.2	36.0	29	0	00	7	28	2	0	0	—	12.0	28.0	47	0	152
RED SEA																							
TÔR	00	7	28	4	0	0	—	6.7	29.1	79	0	00	7	28	4	0	0	—	4.2	30.5	67	0	145
HURGHÂDA	00	8	32	4	0	0	—		31.6	53	0	00	8	26	4	0	0	—		26.8	49	0	146
QUSEIR	00	8	32	2	0	0	—	5.9	33.0	55	0	00	8	32	2	0	0	—	5.8	31.0	48	0	147
PORT SÛDÂN	01	8	06	4	8	4	9,4	4	34	65													208
NORTH SÛDÂN																							
WÂDI HALFA	00	8	32	4	0	0	—	7	38	15													165
KAREIMA	01	8	30	1	1	3	4	6	39	26													166
'ATBARA	01	8	24	1	1	4	8,4,5	4	38	18													167
KHARTÛM	10	8	28	4	2	6	9	7	34	41													209
KASSALA	22	8	16	3	6	6	9,5,1	5	32	55													170
CENTRAL SÛDÂN																							
WAD MEDANI	81	8	18	4	1	5	9	6	32	49													171
RENK	03	8	04	3	2	8	9	9	24	84													182
ROSEIRES	02	8	16	1	2	5	8	11	27	79													172
EL OBEID	02	9	26	2	5	6	6,4	7	28	—													174
EL FÂSHER	63	9	22	3	6	8	5	—	28	58													175
GENEINA																							179
KADUGLI	22	8	28	4	9	6	9	10	25	70													187
S. SÛDÂN																							
MALAKÂL	02	8	16	4	1	5	9,4	11	28	66													176
WÂU	02	8	32	1	1	6	6,8,4	10	29	59													177
JUBA	02	8	30	2	1	6	6,4	12	27	70													178

UPPER WINDS ON 15th الرياح العليا يوم ١٥

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT 13h.	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA 13h. 15m.	KAREIMA 11h. 30m.	KHARTÛM 13h.	KASSALA 12h. 45m.	EL OBEID 13h. 15m.	MALAKAL 13h.	JUBA 13h.
	03 33 10						09 36 25	09 03 40	09 28 20	09 19 30	09 33 15		09 02 20
	06 32 05						15 35 35	15 01 15	15 27 25	15 24 30	15 26 05	15 08 15	15 04 20
	09 33 15						21 33 45	21 03 15	21 30 05	21 25 30		21 24 15	21 04 25
	12 31 20								24 31 05				27 05 25
	15 31 20								30 06 15				33 09 20
	18 21 20								39 12 05				
	21 26 15												
	27 21 15												
	30 32 10												

Remarks

Hours are Egyptian standard time long 30 E. and are two hours fast on Greenwich mean time

Station	Mean of humidity on 15th	Diff from normal	Wet bulb temp. on 15th	Diff from normal
Alexandria	63	−12	21.0	−2.0
Ezbekiya	53	−6	20.8	−1.5
Giza	55	−4	20.8	−0.9
Helwân	44	−4	19.1	−1.0

GIZA — Grass minimum temp. on 16th 15.9°

Discharges at Aswan measured by sluices m³ per sec.	Date	1946	1945
	16-7	1910	1678
	15-7	1910	1678

CAIRO — Water temp. River Nile on 16th 26.8°

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	16th			13.18	−0.39
Nâsser				8.82	−0.26
Malakâl		11.12	−0.23	11.11	−0.23
J. Aulia Res.				373.73	
J. Aulia D.S.				372.09	−0.25
Roseires		18.82	+2.96	18.44	+2.74
Sennar Res.					
Khartum				12.65	−0.13
Kh. el Girba				13.70	+1.12
Atbara		12.68	+0.98	12.58	+0.96
Hajnarti				134.56	+0.36
Aswân Res.		102.00		102.22	
Aswân D.S.		86.72	−0.42	86.72	−0.38
Roda (Cairo)		16.56	+0.88	16.54	+0.87

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on TUESDAY 16th الساعة ٨ يوم الثلاثاء ١٦

Station	Present Weather ww	Visibility V	Wind Dir. dd	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C	Maximum Diff. from norm.	Minimum Today °C	Minimum Diff from norm. °C	% Humidity	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				99
MATRÛH	01	9	28	3	0	3	8	11.1	+1.1	24.0	27	−1	20	−1	92	0	101	161
MARIUT	00	7	29	2	0	1	6	10		27		—	23	—	62	0	187	138
ALEXANDRIA	01	9	30	2	1	3	8	10.6	+0.9	25.8	30	0	23	0	69	0	170	186
DAMIETTA	00	8	30	2	1	2	8	9.8	+1.1	26.0	30	—	20	—	80	0	81	106
PORT SA'ÎD	01	8	32	2	1	4	8	10.2	+2.2	26.8	31	0	24	+1	88	0	71	81
EL 'ARÎSH	00	9	32	1	0	0	—	9.6	+0.8	28.2	29	−1	19	−1	59	0	—	94
LOWER EGYPT																		
DAMANHÛR	01	6	08	3	1	3	8	11.0	+2.1	25.8	32	−1	19	−1	74	0	92	101
MANSÛRA	00	8	04	1	0	0	—	10.3	+1.5	26.3	33	−2	18	−2	66	0	66	55
TANTA	00	8	32	1	0	0	—	10.4	+1.0	25.0	32	−3	17	−2	73	0	107	44
ZAGAZIG	00	6	28	2	0	2	1	10.2	+0.8	27.4	32	−3	18	−1	63	0	24	27
SHEBÎN EL KÔM	00	8	02	2	0	0	—	10.1	+0.6	25.2	33	—	18	—	69	0	36	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	02	2	0	2	8	9.9	+0.7	24.9		—	19	—	63	0	10	—
CAIRO EZBEKÎYA	00	7	02	2	0	3	8	10.2	+1.0	25.2	34	−2	20	−2	65	0	22	26
CAIRO GÎZA	00	7	32	3	0	1	8	10.3	+1.1	25.0	33	−2	18	−1	68	0	41	27
HELWÂN	00	7	02	3	0	0	—	9.4	+0.3	24.0	33	−2	20	−1	56	0	20	29
SUEZ	00	9	30	2	0	0	—	10.0	+1.8	25.1	33	−3	21	−2	67	0	—	17
UPPER EGYPT																		
FAIYÛM	00	8	30	4	0	0	—	10.2	+1.2	24.6	34	−3	20	−1	59	0	13	8
MINYA	00	9	32	3	0	0	—	9.6	+1.0	25.0	35	−2	21	0	64	0	dr.	—
ASYÛT	00	7	30	1	0	0	—	9.2	+0.9	25.8	36	−1	21	−2	49	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	6.8	−0.4	27.9	36	—	22	—	48	0	1	—
QENA	00	8	24	2	0	0	—	6.4	−0.3	27.8	40	−1	23	−1	41	0	13	—
LUXOR	00	7	26	2	0	0	—	6.8	0.0	33.0	41	0	22	−1	30	0	0	
ASWÂN	00	9	00	0	0	0	—	6.6	−0.5	29.3	39	−2	24	−2	24	0	dr.	
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	13.2	+1.4	27.0	37	−1	17	−4	72	0	5	8
BAHARÎYA																		7
KHÂRGA	00	9	32	4	0	0	—			26.3	36	−4	24	+1	58	0	1	—
DÂKHLA	00	8	28	2	0	0	—	10.6	+1.8	26.0	37	−2	23	0	47	0	0	—
RED SEA																		
TÔR	00	7	28	3	0	0	—	6.7	+0.8	27.9	30	−4	25	+1	68	0	0	13
HURGHÂDA	00	8	30	6	0	0	—			27.6	32	−3	24	[illegible]	53	0	1	3
QUSEIR	00	8	32	3	0	0	—	4.7	−1.5	29.6	33	−1	27	+1	52	0	4	4
PORT SÛDÂN	01	8	32	1	1	4	4,1	6		33					50	tr.	36	99
NORTH SÛDÂN																		
WÂDI HALFA	00	7	32	1	0	1	1	9		29					20	0	tr.	—
KAREIMA	00	8	16	4	0	1	1,2	9		29					66	0	25	6
'ATBARA	22	8	20	4	6	6	4,5	9		27					70	tr.	30	18
KHARTÛM	02	8	00	0	2	5	6,4,5	10		26					74	0	92	43
KASSALA	02	8	16	3	1	5	6,4,5	11		24					84	16	133	95
CENTRAL SÛDÂN																		
WAD MEDANI	02	9	16	5	1	7	6	10		23					94	26	197	115
RENK	01	9	16	3	2	5	4	11		23		—		—	84	—	—	230
ROSEIRES	02	8	20	2	2	6	8	—		23					94	4	382	339
EL OBEID	02	8	16	1	8	6	6,4	10		23					89	17	146	116
EL FÂSHER	62	9	04	4	6	8	5	—	—	20					88	tr.	78	72
GENEINA	93	7	20	3	6	7	5,9	—	—	21		—		—	88	Rain	—	150
KADUGLI	02	8	20	2	1	7	8	12		22		—		—	83	Rain	—	385
S. SÛDÂN																		
MALAKÂL	01	9	18	1	1	4	4	13		23					94	0	376	411
WÂU	03	8	32	2	1	8	6	13		22					83	11	545	630
JUBA	02	8	00	0	1	8	8,4,5	14		27					70	0	771	666

UPPER WINDS ON 16th الرياح العليا يوم ١٦

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT 6h. 30m.	PORT SA'ÎD 6h. 45m.	HELWÂN 9h.	MINYA	ASYÛT 7h.	LUXOR 7h.	ASWÂN 7h.	WÂDI HALFA 7h. 15m.	ABU HAMAD 7h. 15m.	KAREIMA 7h. 15m.	KHARTÛM 7h.
	03 32 25	03 34 15	02 36 10		02 34 20	03 33 15	02 33 10	09 01 35	09 36 25	09 09 15	09 22 25
	06 34 25	06 01 15	05 03 20		05 35 35	06 25 25	05 34 20	15 33 30	15 34 30	15 05 25	15 11 30
	09 35 25	09 06 15	08 05 25		10 34 40	09 05 20	10 08 10	21 31 30	21 23 05	21 02 25	21 12 30
	15 33 15	15 36 15	10 03 30		15 31 35	15 17 15	15 24 05	27 30 50	27 26 30	27 29 30	24 10 30
	21 34 10	21 32 15	15 04 30			21 20 10	20 19 20	33 35 40	33 25 35	33 29 30	30 06 20
	30 14 05		20 03 40			30 13 25	25 13 25		39 19 30	39 31 20	39 08 30
	33 17 05		23 34 20				30 12 25				
	36 22 20		25 24 20				35 12 25				
	45		26 24 25								

KASSALA 6h. 45m.	PORT SÛDÂN 7h.	EL OBEID 7h. 15m.	EL FÂSHER 7h.	GENEINA	MALAKAL 7h.
09 20 35	09 28 15	09 18 30	09 19 15		09 19 20
15 21 40	15 32 35	12 21 30	15 18 05		15 21 15
21 19 35			21 08 35		21 25 10
27 21 35			24 08 45		27 25 10
33 14 05					33 17 10
39 34 10					39 18 05

UPPER AIR TEMP. ALMÂZA AT 6h G.M.T. ON 16th

Height feet	P.P.P mb.	TT °F	Td °F
Surface	1000	72	66
500	982	68	63
1000	964	67	62
1500	947	65	60
2000	930	65.5	49
4000	864	65	43
6000	801	63	40
8000	743	60	39
10000	688	53	39
12000	636	44	37
14000	588	33	29
16000	542	31	23

CYPRUS SYNOPTIC 8h. ON 16th

34700 00990 16100 07271 70000 00160
34800 00890 04100 08261 80701 00170

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.

ANNUAL SUBSCRIPTION P.T. 150

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

At 14h. on TUESDAY 16th (الساعة ١٤ يوم الثلاثاء ١٦) and At 20h. on 16th (الساعة ٢٠ يوم الثلاثاء ١٦)

	Station	14h Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 8-14h mms	20h Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 14-20h mms	Station Number
Mediterranean	SALÛM																							130
	MATRÛH	00	9	28	3	1	0	—	11.1	27.0	69	0	00	8	28	2	0	0	—	10.8	25.0	79		131
	MARIUT	00	7	27	3	0	0	—	10	29	52	0	00	8	28	2	0	0	—	10	25	74	0	150
	ALEXANDRIA	00	9	30	3	0	0	—	10.2	29.2	57	0	00	6	04	1	0	0	—	10.6	25.0	76	0	132
	DAMIETTA	00	8	28	3	0	0	—	9.0	28.3	64	0	00	8	28	1	0	0	—	9.2	24.9	84	0	159
	PORT SAÏD	00	8	30	4	0	0	—	8.8	29.6	63	0	00	8	30	3	0	3	6	9.2	25.2	76	0	134
	EL 'ARÎSH	00	9	30	3	0	0	—	8.8	28.4	59	0	00	9	30	3	0	0	—	8.8	26.1	71	0	135
Lower Egypt	DAMANHÛR	00	7	04	4	1	0	—	9.4	32.0	50	0	00	7	32	2	0	0	—	9.8	25.4	80	0	136
	MANSÛRA	00	8	28	3	0	0	—	8.7	32.6	35	0	00	6	04	2	0	0	—	9.8	25.8	65	0	137
	TANTA	00	8	32	2	0	0	—	9.1	32.8	36	0	00	8	32	1	0	0	—	10.2	23.4	69	0	138
	ZAGAZIG	00	6	32	2	0	0	—	9.2	32.0	33	0	00	6	32	2	0	0	—	10.0	24.9	62	0	139
	SHEBÎN EL KÔM	00	8	02	2	0	0	—	8.6	32.8	33	0	00	7	02	2	0	0	—	9.4	28.7	51	0	
Middle Egypt	Cairo ALMAZA	00	8	32	2	0	2	4	8.1	32.3	20	0	00	7	02	2	0	0	—	8.7	29.1	29	0	141
	Cairo EZBEKIYA	00	9	32	2	0	2	4	8.4	33.2	30	0	00	7	30	3	0	0	—	9.5	27.6	40	0	
	Cairo GÎZA	00	8	28	4	0	0	—	8.4	32.7	31	0	00	8	30	3	0	0	—	9.4	28.5	40	0	
	HELWAN	00	7	32	4	0	1	1	7.9	32.0	23	0	00	6	32	4	0	0	—	8.6	29.1	29	0	[illegible]
	SUEZ	00	9	30	2	0	0	—	8.4	31.8	40	0	00	9	30	2	0	0	—	8.7	31.2	40	0	[illegible]
Upper Egypt	FAYÛM	01	8	32	2	1	3	8	7.9	32.6	25	0	00	8	32	1	0	0	—	8.2	29.1	37	0	[illegible]
	MINYA	01	8	32	4	1	4	4	7.8	33.8	22	0	01	8	32	1	1	3	4	7.6	29.8	31	0	
	ASYÛT	00	8	28	2	0	0	—	7.2	33.8	20	0	00	6	28	1	0	0	—	7.2	30.0	26	0	
	NAG' HAMADI	00	8	00	0	0	0	—	5.5	35.0	31	0	00	8	00	0	0	0	—	5.5	29.6	36	0	
	QENA	00	9	22	2	0	0	—	4.9	39.2	25	0	00	6	22	3	0	0	—	4.0	33.2	26	0	
	LUXOR	00	7	22	2	0	0	—	4.8	41.0	20	0	00	6	26	2	0	0	—	4.4	32.0	38	0	
	ASWÂN	00	9	18	1	0	0	—	4.4	39.1	14	0	00	9	00	0	0	0	—	5.5	34.5	13	0	
Western Desert	SÎWA	00	8	28	2	0	0	—	12.6	36.2	51	0	00		00	0	0	0	—	11.1	33.0	30	0	[illegible]
	BAHARÎYA												00		00	0	0	0	—	11.0	27.0	56	0	149
	KHARGA	00	9	32	3	0	0	—	8.4	35.5	19	0	00		32	2	0	0	—	7.9	32.6	21	0	151
	DAKHLA	00	9	28	2	0	0	—	10.4	35.0	31	0	00	7	28	1	0	0	—	9.9	27.0	43	0	[illegible]
Red Sea	TÔR	00	7	28	4	0	0	—	5.1	29.2	72	0	00	7	28	3	0	0	—	6.0	29.8	68	0	
	HURGHADA	00	8	32	4	0	0	—		31.6	52	0	00	8	28	3	0	0	—		26.2	43	0	
	QUSEIR	00	8	32	2	0	0	—	4.6	32.2	51	0	00	8	04	1	0	0	—	5.2	30.0	48	0	
	PORT SÛDÂN																							208
North Sûdân	WÂDI HALFA	00	8	30	3	0	2		7	40	20													[illegible]
	KAREIMA	00	8	00	0	0	3	8,4	6	38	17													5
	ATBARA	02	8	24	2	1	6	8,4	6	36	31													[illegible]
	KHARTÛM	02	8	16	3	2	6	8,4	9	31	43													209
	KASSALA	61	8	22	2	5	5	9	8	31	55													170
Central Sûdân	WAD MEDANI	02	8	16	4	1	7	8	7	31	49													171
	RENK	01	9	16	3	1	4	4	8	31	49													32
	ROSEIRES	01	8	18	2	2	4	8	—	28	66													172
	EL OBEID	01	9	20	3	1	5	9	6	31	52													174
	EL FÂSHER	62	7	18	2	6	8	5	—	22	83													175
	GENEINA	61	7	20	1	9	7	5	—	22	83													179
	KADUGLI	52	8	12	2	5	6	9	10	27	55													187
S. Sûdân	MALAKÂL	82	8	24	2	8	6	8	9	31	55													176
	WÂU	02	8	00	0	2	7	6,8,4	9	31	79													177
	JUBA	01	8	32	1	1	5	8	9	29	59													179

UPPER WINDS ON 16th (17 الرياح العليا)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SAÏD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
13 h. 30 m.	13 h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	12 h. 45 m.	h. m.	13 h. m.	12 h. 45 m.	h. m.	13 h. m.	12 h. 45 m.
03 33 20	03 34 20						03 31 15		09 21 25	09 21 15		09 24 15	09 12 05
06 32 30	06 35 10						09 30 20		15 18 25	15 11 20		15 24 10	15 11 05
09 32 35	09 35 10						15 29 15		21 11 15	21 22 20		21 25 15	18 13 05
15 33 35	12 01 05						21 28 30		24 11 20	27 32 05		27 24 15	
21 33 45	15 01 05						27 29 35		30 10 40			33 21 15	
27 34 55	18 01 05						33 29 30		39 16 30			39 19 15	
30 33 75	21 03 05						39 28 30		48 19 25				
36 32 50							48 26 35						

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Station	Means of day: Humidity % on 16th	Diff. from normal	Dry bulb temp. °C on 16th	Diff. from normal
Alexandria	70	−5	22.3	−0.7
Ezbekiya	49	−10	20.3	−2.0
Gîza	50	−9	20.6	−1.1
Aswan	39	−9	18.4	−1.7

Gîza — Grass minimum temp. on 17th 14.4°

Cairo — Water temp. River Nile on 17th 26.2°

Discharges at Aswân measured by sluices m³ per sec.	Date	1946	1945
	17-7	1910	1678
	16-7	1910	1678

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	17th				
Nasser				8.86	−0.25
Malakal		11.13	−0.24	11.12	−0.23
J. Aulia Res.					
J. Aulia D.S.					
Roseires		18.08	+2.08	18.82	+2.96
Sennar Res.				10.97	
Khartum		13.17	+0.50	12.92	+0.31
Kn. el Girba					
Atbara				12.68	+0.98
[illegible]				134.92	+0.58
Aswân Res.		101.86		102.00	
Aswân D.S.		86.72	−0.44	86.72	−0.42
Roda (Cairo)		16.56	+0.87	16.56	+0.88

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on WEDNESDAY 17th (الساعة ٨ يوم الأربعاء ١٧)

	Station	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Dry Bulb °C (TTT)	Maximum Yesterday °C	Max. Diff. from norm. °C	Minimum Today °C	Min. Diff. from norm. °C	% Humidity	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Mediterranean	SALÛM												—		—				99
	MATRÛH	00	9	28	2	0	0	—	10.8	+0.8	25.2	28	0	20	−1	79	0	101	161
	MARIUT	00	8	27	1	0	1	6	10		28	29	—	19	—	62	0	187	138
	ALEXANDRIA	01	9	28	2	1	3	4	11.0	+1.4	26.4					72	0	170	186
	DAMIETTA	00	8	28	1	0	0	—	9.9	+1.3	26.8	29	—	20	—	76	0	81	106
	PORT SAÏD	00	8	30	2	0	3	8	10.3	+2.4	26.8	30	−1	22	−1	71	0	71	81
	EL 'ARÎSH	00	9	16	1	1	3	3	10.0	+1.3	28.1	29	−1	21	+1	68	0	—	94
Lower Egypt	DAMANHÛR	00	6	04	2	0	0	—	10.2	+1.3	26.2	32	−1	20	0	75	0	92	101
	MANSÛRA	00	8	12	1	0	0	—	10.7	+1.9	26.5	33	−2	20	0	72	0	66	55
	TANTA	00	8	00	0	0	0	—	11.2	+1.9	25.4	33	−2	16	−3	75	0	107	44
	ZAGAZIG	00	6	24	2	0	0	—	10.4	+1.0	27.2	33	−2	19	0	67	0	24	27
	SHEBÎN EL KÔM	00	8	22	1	0	0	—	10.2	+0.8	25.7	34	—	19	—	70	0	36	
Middle Egypt	Cairo ALMAZA	00	7	00	0	0	0	—	10.6	+1.5	25.0	34	—	21	—	68	0	10	
	Cairo EZBEKÎYA	05	7	04	1	0	0	—	10.6	+1.5	26.0	34	−2	21	−1	66	0	22	26
	Cairo GÎZA	00	7	02	1	0	0	—	10.7	+1.6	25.4	33	−2	17	−2	68	0	41	27
	HELWÂN	00	7	00	0	0	0	—	10.7	+1.7	24.1	33	−2	21	0	74	0	20	29
	SUEZ	00	9	30	1	0	0	—	10.8	+2.6	25.4	34	−2	22	−1	76	0	—	17
Upper Egypt	FAYÛM	00	8	32	2	0	0	—	10.7	+1.7	24.7	34	−3	19	−2	69	0	13	8
	MINYA	00	9	32	2	0	0	—	10.3	+1.7	25.1	35	−2	21	0	61	0	dr.	
	ASYÛT	00	7	20	1	0	0	—	9.8	+1.5	26.3	35	−2	20	−3	47	0	0	4
	NAG' HAMADI	00	8	00	0	0	0	—	9.0	+1.8	29.4	36	—	21		48	0	1	
	QENA	00	8	22	2	0	0	—	7.9	+1.2	28.2	40	0	23	−1	42	0	13	
	LUXOR	00	7	10	2	0	0	—	7.9	+1.2	34.0	42	+1	22	−1	29	0	0	
	ASWÂN	00	9	18	1	0	0	—	8.4	+1.3	28.3	40	−1	25	−1	25	0	dr.	
Western Desert	SÎWA	00	7	00	0	0	0	—	12.3	+0.6	26.6	37	−1	—	—	33	0	5	8
	BAHARÎYA	00	9	00	0	0	0	—	12.2	+2.3	28.0	38	+1	20	0	51	0	0	7
	KHÂRGA	00	9	00	0	0	0	—	9.2	+1.4	27.5	36	−4	22	−1	42	0	1	
	DAKHLA	00	8	28	1	0	0	—	11.2	+2.4	28.0	35	−4	22	−1	43	0	0	
Red Sea	TÔR	00	7	28	3	0	0	—	8.4	+2.6	27.8	30	−4	23	−1	70	0	0	13
	HURGHADA	00	8	30	4	0	0	—			27.6	33	−2	24	0	46	0	1	3
	QUSEIR	00	8	32	2	0	0	—	7.4	+1.2	30.5	33	−1	25	−1	50	0	11	4
	PORT SÛDÂN	02	9	08	2	1	6	4	7		36					44	0	36	99
North Sûdân	WÂDI HALFA	00	8	00	0	0	0	—	10		27					23	0	tr.	
	KAREIMA	01	7	22	4	1	4	4	10		30					59	0	25	7
	ATBARA	00	8	20	3	1	3	4	10		29					62	0	30	19
	KHARTUM	02	8	12	2	9	7	6,4	11		24					94	2	94	45
	KASSALA	02	8	00	0	1	6	4,5	12		24					84	tr.	133	98
Central Sûdân	WAD MEDANI	02	9	16	3	1	7	6	12		25					84	2	199	120
	RENK	01	9	28	3	1	4	4	—		27		—			70		—	234
	ROSEIRES	02	8	18	1	2	6	7,5	14		24					94	10	392	345
	EL OBEID	02	9	20	1	1	6	6,4,2	11		24					84	11	157	120
	EL FÂSHER	81	8	16	2	6	7	8,6,5	—	—	21					78	8	86	75
	GENEINA	02	8	00	0	6	5	6,4	—	—	26		—			62	Rain	—	156
	KADUGLI	01	8	12	2	1	4	9	13		24		—			84	Rain	—	390
S. Sûdân	MALAKÂL	01	8	26	2	1	4	4	13		24					89	tr.	376	417
	WÂU	01	8	00	0	1	5	6,4	13		23					89	0	545	636
	JUBA	01	7	00	0	4	4	6,4	13		23					94	0	771	670

UPPER WINDS ON 17th (الرياح العليا ١٧)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SAÏD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
6 h. 30 m.	6 h. 45 m.	h. m.	9 h. m.	h. m.	7 h. m.	h. m.	7 h. m.	7 h. 15 m.	7 h. m.	7 h. m.	7 h. m.
03 00 00	03 20 10		02 36 10		02 35 20		02 02 05	09 35 20	09 28 15	09 23 20	09 20 15
06 01 10	06 36 02		05 02 10		05 36 35		05 22 05	15 31 25	15 27 10	15 23 20	15 22 30
09 02 20	09 35 30		08 03 20		10 35 30		10 24 25	18 26 30	21 20 10	21 21 15	21 19 30
18 01 25	12 35 20		10 03 20				15 25 20		27 22 15	27 15 10	24 22 20
21 36 25	15 35 02		15 05 05				20 26 20		33 18 15	33 10 10	30 23 25
27 35 25	21 29 10		20 24 05							39 04 05	39 14 10
30 25 30	30 22 15		23 20 10								
33 34 30	36 20 15		25 20 15								
	39 27 15		30 22 25								

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. m.	7 h. m.	7 h. 15 m.	h. m.	7 h. 15 m.	7 h. m.
09 00 00	09 34 45	09 22 10		09 14 45	09 29 15
15 23 20	15 26 30	15 23 05		15 26 30	15 29 15
21 25 20	21 23 30	18 24 05		21 11 20	21 29 15
27 26 05				24 09 40	33 27 10
33 28 15					39 25 15

17th

34700 00890 18100 08281 90001 00180
34800 00890 08200 09262 10101 00170

Upper Air Temp. ALMÂZA at 5h G.M.T. on 17th

Height feet	P.P.P. m.b.	T.T. °F	
Surface	1001	74	68
500	983	68	66
1000	965	68	64
1500	948	69	54
2000	931	68	53
4000	864	66	45
6000	802	61	41
8000	744	56	37
10000	686	48	37
12000	636	36	32
14000	586	36	26
16000	542	31	25

Wind Force (F)

	km/h	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-28	4
Fresh	29-35	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	[illegible]	11
Hurricane	[illegible]	12

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

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 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 [illegible]
- [illegible]
- Drizzle 50-59
- Rain 60-69
- [illegible]
- [illegible] 84
- Sleet 85, 86
- [illegible] 89
- Moderate [illegible] 79
- [illegible] 91
- Hail 96
- [illegible] Duststorm 98
- [illegible] with Hail 99

Past Weather (W)

- Clear, [illegible] 0
- Variable sky 1
- [illegible] 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 Amount (N)

- Clear 0
- Trace 1
- 1 Tenth 2
- 2, 3 Tenths 3
- 4, 5, 6 Tenths 4
- 7, 8 Tenths 5
- 9 Tenths 6
- Over 9 Tenths 7
- Overcast 8
- Fog or Dust 9

Cloud Form (C)

- Cirrus 1
- Cirro stratus 2
- Cirro-cumulus 3
- Alto cumulus 4
- Alto-stratus 5
- Strato-cumulus 6
- Nimbo stratus 7
- [illegible] 8
- [illegible] 9
- Stratus 0

ANNUAL SUBSCRIPTION P.T. 150

Sunset 18·37 — Month JULY 1946 — DAILY WEATHER REPORT — ١٩٤٦

WEDNESDAY 17th (١٧)

STATION	At 14h. ww	V	DD	F	W	N	C	PPP	TTT	UU	Rain 8–14 h mms	At 20h. ww	V	DD	F	W	N	C	PPP	TTT	UU	Rain 14–20 h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	30	1	0	0	—	11.0	27.0	74	0	00	8	00	0	0	0	—	10.7	25.4	55	0	131
MARIUT	00	7	26	4	0	0	—	11	29	59	0	00	7	28	2	0	0	—	11	26	70	0	150
ALEXANDRIA	00	9	28	4	0	0	—	11.0	29.6	61	0	00	7	32	2	0	0	—	11.1	26.2	67	0	132
DAMIETTA	00	8	32	3	0	0	—	9.9	29.2	69	0	00	7	30	1	1	2	8	10.0	25.0	90	0	153
PORT SA'ÎD	00	8	30	3	0	0	—	10.4	30.4	56	0	00	8	02	2	0	0	—	10.4	25.8	72	0	134
EL 'ARÎSH	00	9	30	3	0	0	—	9.9	28.2	68	0	00	9	32	2	0	0	—	9.9	25.6	77	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	04	3	0	0	—	10.2	31.2	52	0	00	7	08	2	0	0	—	10.6	25.7	83	0	136
MANSÛRA	00	8	24	1	0	0	—	10.0	33.8	35	0	00	7	04	2	0	0	—	10.6	27.0	61	0	137
TANTA	00	8	32	2	0	0	—	10.2	33.8	33	0	00	8	32	1	0	0	—	11.1	24.6	52	0	138
ZAGAZIG	00	6	02	2	0	0	—	9.2	32.8	54	0	00	6	32	2	0	0	—	10.7	26.5	66	0	139
SHEBÎN EL KÔM	00	8	30	2	0	0	—	9.2	34.3	25	0	00	7	30	2	0	0	—	9.9	29.2	47	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	30	2	0	0	—	9.0	33.9	20	0	00	7	02	2	0	0	—	10.0	29.7	35	0	141
CAIRO EZBEKÎYA	00	8	28	2	0	0	—	9.5	34.2	30	0	00	7	30	3	0	0	—	10.6	30.3	40	0	—
CAIRO GÎZA	00	8	30	2	0	0	—	9.8	34.0	26	0	00	8	30	2	0	0	—	10.6	28.8	40	0	—
HELWÂN	00	7	28	2	0	0	—	8.8	33.1	20	0	05	6	32	4	0	0	—	9.8	30.0	28	0	143
SUEZ	00	9	30	2	0	0	—	9.6	32.4	37	0	00	9	02	2	0	0	—	9.9	29.8	45	0	144
UPPER EGYPT																							
FAIYÛM	00	8	32	4	0	0	—	9.4	33.1	22	0	00	8	32	1	0	0	—	9.4	29.8	36	0	153
MINYA	00	9	32	2	0	0	—	9.5	35.4	22	0	00	9	32	1	0	0	—	9.4	31.0	27	0	154
ASYÛT	00	8	22	1	0	0	—	9.6	34.9	18	0	00	6	24	1	0	0	—	9.1	30.4	19	0	155
NAG' HAMADI	00	8	00	0	0	0	—	7.8	35.8	28	0	00	8	00	0	0	0	—	8.3	27.7	51	0	164
QENA	00	9	22	2	0	0	—	6.4	39.4	24	0	00	6	24	1	0	0	—	6.7	31.4	32	0	156
LUXOR	00	7	26	2	0	0	—	6.8	41.0	20	0	00	6	26	2	0	0	—	7.5	33.0	30	0	157
ASWÂN	00	9	24	2	0	0	—	6.7	39.0	13	0	00	9	20	1	0	0	—	7.6	34.2	20	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	—	11.8	37.6	22	0	00		00	0	0	0	—	10.8	34.8	39	0	148
BAHARÎYA																							149
KHÂRGA	00	9	30	1	0	0	—	9.5	36.9	23	0	00		32	3	0	0	—	9.2	33.4	28	0	151
DAKHLA	00	9	28	2	0	0	—	10.2	35.3	31	0	00	8	28	2	0	0	—	10.9	27.0	45	0	152
RED SEA																							
TÔR	00	7	28	3	0	0	—	6.8	30.2	59	0	00	7	28	3	0	0	—	7.4	28.9	64	0	145
HURGHÂDA	00	8	02	3	0	0	—		31.6	41	0	00	8	06	1	0	0	—	—	28.2	55	0	146
QUSEIR	00	8	02	2	0	0	—	7.5	31.2	71	0	00	8	04	1	0	0	—	7.4	27.8	86	0	147
PORT SÛDÂN	01	7	04	4	1	3	8,4	7	36	56	0												208
NORTH SÛDÂN																							
WADI HALFA	00	8	02	2	0	0	—	8	38	11													165
KAREIMA	01	9	06	1	1	4	8,5	8	37	20													166
'ATBARA	01	8	20	1	0	4	8	7	37	18													167
KHARTÛM	01	8	22	3	2	4	8,4,2	11	31	55													209
KASSALA	01	8	24	1	1	3	8,4	9	32	50													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	16	3	1	5	8	9	33	56													171
RENK	01	9	29	3	1	4	8	—	32	43													182
ROSEIRES	02	8	20	1	2	5	3	—	27	79													172
EL OBEID	01	9	24	3	1	4	8,4,2	9	29														174
EL FÂSHER	01	9	16	1	1	5	8	—	29	52													175
GENEINA	51	8	00	0	5	8	5	—	30	49													179
KADUGLI	02	8	20	3	1	5	9	10	31	43													187
S. SÛDÂN																							
MALAKÂL	81	7	22	3	8	6	9	11	27	66													176
WÂU																							177
JUBA	92	8	06	2	1	5	8	10	31	49													178

UPPER WINDS ON 17th (١٧)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH 12h.45m.	MARIUT 13h.	PORT SA'ÎD 12h.30m.	ALMÂZA	MINYA 12h.30m.	LUXOR 13h.	HURGHÂDA	WÂDI HALFA 13h.15m.	KAREIMA 12h.15m.	KHARTÛM 13h.	KASSALA	EL OBEID 13h.	MALAKAL 13h.	JUBA 13h.
03 33 20	03 32 20	03 28 05		03 34 30	03 24 20		09 29 05	09 25 05	09 20 15		09 24 05	09 27 45	09 34 05
06 30 15	06 31 20	06 29 05		06 34 25	06 23 35		15 32 20	15 14 05	15 29 20		15 25 20	15 01 10	15 02 05
09 32 15	09 32 20	09 30 05		09 35 40	09 24 25		21 28 30	21 12 15	21 17 10		21 25 20	18 34 15	21 04 05
12 30 15	12 33 15	12 27 15		12 34 30	12 25 20		27 26 35	27 17 30	24 14 10		27 25 20		27 02 10
15 30 15	15 34 15	15 19 15		15 35 45	15 24 15			30 16 25	30 18 10		30 25 15		33 03 20
21 31 25	18 30 15	18 20 15		21 34 25	18 23 20			39 15 20	39 14 10				39 09 15
27 32 30	21 30 15	21 20 15		30 18 30	21 24 20								
30 33 25	30 28 10	24 20 30		33 17 10									
33 35 20	36 27 10			36 27 02									

Remarks

Hours are Egyptian standard time, long. 30 E. and are two hours fast on Greenwich mean time

STATION	Mean of day: Humidity % on 17th	Diff. from normal	Wet bulb temp. °C on 17th	Diff. from normal
Alexandria	67	−8	22.9	−0.1
Ezbekiya	50	−9	21.4	−1.0
Gîza	50	−9	20.7	−1.1
Helwân	48	0	19.5	−0.6

Gîza: Grass minimum temp. on 18th 14.0°

Cairo: Water temp. River Nile on 18th 26.0°

Discharges at Aswan measured by sluices m³ per sec.	Date	1946	1945
	18-7	2199	1678
	17-7	1910	1678

GAUGE	Rate 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Jûba				13.17	−0.42
Nâsser				8.90	−0.24
Malakâl		11.14	−0.25	11.13	−0.24
J. Aulia Res.				374.09	
J. Aulia D.S.				372.59	+0.11
Roseires		17.90	+1.74	18.03	+2.08
Sennar Res.				11.80	
Khartûm				13.17	+0.50
Kh. el Girba					
Atbara		12.62	+0.76	12.66	+0.88
[illegible]				135.76	+1.26
Aswân Res.		101.58		101.86	
Aswân D.S.		87.04	−0.14	86.72	−0.44
Roda (Cairo)		16.54	+0.84	16.56	+0.87

18th:

Printed by the Survey of Egypt. 1945 (45/306)

THURSDAY 18th (الخميس ١٨)

STATION	At 8h. ww	V	DD	F	W	N	C	Bar pressure M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb °C	Max. Yesterday °C	Diff. from norm.	Min. Today °C	Diff. from norm. °C	% Humidity	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				99
MATRÛH	00	9	28	3	0	3	8	11.1	+1.1	24.2	28	0	21	0	90	0	101	161
MARIUT	01	7	19	2	0	4	6	10		27	31	—	20	—	62	0	187	138
ALEXANDRIA	01	9	24	2	1	4	8	11.2	+1.6	25.9	30	0	22	−1	72	0	170	186
DAMIETTA	01	7	18	1	1	4	8	10.6	+2.0	25.1	31	—	21	—	84	0	81	106
PORT SA'ÎD	01	8	28	2	1	4	8	10.6	+2.7	26.2	31	0	23	0	77	0	71	81
EL 'ARÎSH	00	9	12	1	0	0	—	10.7	+2.1	29.7	29	−1	20	0	64	0	—	94
LOWER EGYPT																		
DAMANHÛR	00	6	32	3	0	0	—	10.8	+2.0	25.2	33	0	19	−1	79	0	92	101
MANSÛRA	01	8	12	1	1	4	0	11.0	+2.3	26.5	35	0	20	−1	73	0	66	55
TANTA	00	8	00	0	0	0	—	11.0	+1.7	26.0	34	−1	17	−2	75	0	107	44
ZAGAZIG	00	6	04	1	0	0	—	10.4	+1.0	27.8	33	−2	19	0	63	0	24	27
SHEBÎN EL KÔM	00	8	14	1	0	0	—	10.3	+0.9	27.2	35	—	19	—	66	0	36	—
MIDDLE EGYPT																		
CAIRO ALMAZA	05	6	00	0	0	0	—	10.7	+1.6	26.5	35	—	21	—	57	0	10	—
CAIRO EZBEKÎYA	05	5	00	0	0	0	—	11.0	+1.9	28.3	35	−1	21	−1	51	0	22	26
CAIRO GÎZA	00	8	26	1	0	0	—	10.7	+1.6	27.8	34	−1	17	−2	57	0	41	27
HELWÂN	05	6	00	0	0	0	—	10.8	+1.8	25.9	34	−1	21	0	55	0	20	29
SUEZ	00	9	00	0	0	0	—	11.4	+3.2	27.8	36	0	21	−2	58	0	—	17
UPPER EGYPT																		
FAIYÛM	00	8	00	0	0	0	—	10.7	+1.7	27.1	35	−2	20	−1	55	0	13	8
MINYA	00	9	32	1	0	0	—	10.8	+2.2	30.4	37	0	20	−1	42	0	dr.	—
ASYÛT	00	7	00	0	0	0	—	10.7	+2.4	29.2	36	−1	21	−2	42	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	10.8	+3.7	28.8	37	—	18	—	41	0	1	—
QENA	00	8	22	2	0	0	—	9.9	+3.2	28.8	42	+2	23	−1	36	0	13	—
LUXOR	00	7	16	1	0	0	—	10.2	+3.5		+2	∓1	21	−2	24	0	0	—
ASWÂN	00	9	30	3	0	0	—	9.8	+2.7	29.7	41	0	25	−1	19	0	dr.	
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	11.9	+0.2	28.5	40	+2	19	−2	55	0	5	8
BAHARÎYA																		7
KHÂRGA	00	9	00	0	0	0	—	11.8	+4.0	26.3	37	−3	20	−3	43	0	1	—
DÂKHLA	00	8	28	1	0	0	—	12.0	+3.3	27.0	37	−2	20	−3	42	0	0	—
RED SEA																		
TÔR	00	7	28	3	0	0	—	9.2	+3.4	27.3	—	—	22	−2	73	0	0	13
HURGHÂDA	00	8	30	3	0	0	—			30.0	33	−2	23	−1	47	0	1	3
QUSEIR	00	8	06	1	0	0	—	8.4	+2.3	28.3	33	−1	25	−1	65	0	11	4
PORT SÛDÂN	00	8	00	0	0	0	—	7		37					40	0	36	99
NORTH SÛDÂN																		
WÂDI HALFA	00	8	32	1	0	2	1	10		29					20	0	tr.	—
KAREIMA	00	8	18	1	1	3	4	10		31					41	1	26	7
'ATBARA	00	8	30	1	1	0	—	9		31					52	0	30	19
KHARTÛM	01	8	20	3	1	4	4	11		27					70	0	94	47
KASSALA	01	8	14	3	1	4	6,4,5	12		27					79	0	133	101
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	20	3	1	4	3	12		26					70	0	199	125
RENK	01	9	12	3	2	5	4	—		29	—		—		49	—	—	238
ROSEIRES	02	8	20	1	2	6	7,5	14		24					84	0	392	351
EL OBEID	01	9	18	3	1	5	4	13		23					78	0	157	123
EL FÂSHER	07	9	00	0	1	7	8,4,5	—	—	23					89	0	86	79
GENEINA	02	8	02	1	1	6	6,4	—	—	23	—		—		84	Rain	—	162
KADUGLI	02	8	12	2	1	7	8	13		23	—		—		89	—	—	395
S. SÛDÂN																		
MALAKÂL	02	8	02	4	1	7	6,4,5	14		24					89	tr.	376	423
WÂU	01	8	24	1	1	4	4	13		23					84	0	545	642
JUBA	01	8	30	1	0	5	6	14		23					94	0	771	673

UPPER WINDS ON 18th (١٨)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH 7h.	MARIUT 6h.30m.	PORT SA'ÎD	HELWÂN 8h.45m.	MINYA	ASYÛT 7h.	LUXOR	ASWÂN 7h.	WÂDI HALFA 7h.15m.	ABU HAMAD 7h.	KAREIMA 7h.	KHARTÛM 6h.30m.
03 21 15	03 17 15		02 30 10		02 03 10		02 34 20	09 36 35	09 35 20	09 24 05	09 24 20
06 34 20	06 32 15		05 32 10		05 36 15		05 35 35	15 35 20	15 33 15	15 36 05	15 26 20
09 32 20	09 28 20		08 35 10		10 33 30		10 33 25	21 25 20	21 30 15	21 16 05	21 21 10
15 35 15	15 30 10		10 01 15		15 31 20		15 27 20	27 23 20	27 15 05	27 11 20	24 13 10
21 36 30	21 29 05		15 32 30				20 20 25	33 23 30	33 17 20	33 15 35	30 18 10
27 01 20	30 13 10		20 28 15				25 19 40	39 21 30	39 15 30	39 16 35	39 12 25
30 01 20	39 06 05		23 23 15				30 23 20				
39 33 25	51 34 40		25 22 20								
51 31 15	60 24 30		28 21 35								

KASSALA	PORT SÛDÂN 7h.	EL OBEID 7h.15m.	EL FÂSHER 9h.	GENEINA 7h.15m.	MALAKAL 7h.
	09 36 02	09 19 30	09 02 05	09 31 05	09 01 25
	15 36 05	15 21 35	15 03 05	15 22 15	15 01 05
	21 36 05	21 25 40	21 05 10	21 23 20	21 35 15
	27 36 05	27 26 40	24 04 10	27 22 30	27 33 10
	33 33 05				33 03 10
					39 05 05

CYPRUS SOUNDING ON 18th

34700 00990 08100 10281 90000 00180

34800 00890 00000 10271 90802 00xxx

UPPER AIR TEMP. ALMÂZA AT 6 G.M.T. ON 18th

HEIGHT FEET	P.P.P m.b.	TT	
Surface	1002	78	68
500	984	78	61
1000	966	76	57.5
1500	949	76	56
2000	932	74	55
4000	865	68	44
6000	803	62	41
8000	744	53	39
10000	689	43	32
12000	637	41.5	30
14000	589	36.5	31
16000	543	35	32

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	[illegible]	11
Hurricane	[illegible]	12

WIND DIRECTION (DD) is on scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

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	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
„ [illegible] 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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

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

ANNUAL SUBSCRIPTION P.T. 150

Sunset 18 56 Month JULY 1946

DAILY WEATHER REPORT

١٩٤٦ شهر يوليه

At 14h. on THURSDAY 18th (الساعة ١٤ يوم ١٨) — At 20h. on 18th (الساعة ٢٠ يوم الخميس ١٨)

STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	28	3	0	0	—	11.2	27.0	84	0	00	8	28	1	0	0	—	11.1	25.8	93	0	131
MARIUT	00	8	28	2	0	0	—	10	29	57	0	00	7	30	1	0	0	—	10	25	79	0	150
ALEXANDRIA	00	9	28	2	0	0	—	10.7	28.2	65	0	00	7	00	0	0	0	—	10.6	24.6	80	0	132
DAMIETTA	00	7	02	2	1	2	8	9.9	29.9	77	0	00	7	30	2	1	0	—	9.9	26.2	86	0	159
PORT SA'ÎD	00	8	30	2	0	0	—	10.4	30.2	61	0	00	8	32	2	0	0	—	10.4	26.4	79	0	134
EL 'ARÎSH	00	9	32	3	0	0	—	10.0	28.9	68	0	00	9	32	1	0	0	—	10.3	25.9	84	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	04	3	0	2	8	9.9	32.8	41	0	00	7	32	2	0	0	—	10.2	26.3	78	0	136
MANSÛRA	01	8	02	2	1	3	8	9.6	33.4	40	0	00	6	04	2	1	0	—	10.4	27.0	73	0	137
TANTA	00	8	24	1	0	0	—	10.3	33.7	32	0	00	8	00	0	0	0	—	10.6	27.8	64	0	138
ZAGAZIG	00	6	24	1	0	0	—	10.0	33.9	32	0	00	6	32	2	0	0	—	9.6	27.0	56	0	139
SHEBÎN EL KÔM	00	8	30	2	0	0	—	9.2	35.8	22	0	00	7	02	2	0	0	—	9.9	29.2	53	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	28	2	0	0	—	9.6	34.2	19	0	00	7	31	1	0	0	—	9.3	32.3	27	0	141
CAIRO EZBEKÎYA	00	9	26	1	0	0	—	10.0	35.0	20	0	00	7	02	1	0	0	—	10.6	31.2	38	0	—
CAIRO GÎZA	00	8	00	0	0	0	—	9.9	34.9	22	0	00	8	30	1	0	0	—	10.0	29.9	43	0	—
HELWÂN	00	8	28	3	0	0	—	9.2	34.2	13	0	00	7	30	1	0	0	—	9.1	31.5	16	0	143
SUEZ	00	9	30	2	0	0	—	9.8	33.2	34	0	00	9	30	2	0	0	—	9.4	30.2	45	0	144
UPPER EGYPT																							
FAIYÛM	00	8	24	1	0	0	—	9.4			0	00	8	00	0	0	0	—	8.7	29.9	34	0	153
MINYA	00	9	32	2	0	0	—	9.5	37.0	24	0	00	9	00	0	0	0	—	9.2	31.0	28	0	154
ASYÛT	00	8	22	1	0	0	—	9.2	36.7	15	0	00	6	22	1	0	0	—	9.9	29.4	37	0	155
NAG' HAMÂDI	00	8	24	1	0	0	—	8.3	36.9	26	0	00	8	00	0	0	0	—	8.8	29.2	59	0	164
QENA	00	6	22	2	0	0	—	7.4	40.0	19	0	00	6	26	3	0	0	—	8.4	33.0	25	0	156
LUXOR	00	8	16	1	0	0	—	7.8	41.0	14	0	00	6	26	3	0	0	—	8.4	35.0	19	0	157
ASWÂN	00	9	00	0	0	0	—	7.4	39.7	10	0	00	9	28	3	0	0	—	7.0	34.4	17	0	158
WESTERN DESERT																							
SÎWA	00	8	28	4	0	0	—	11.2	37.0	43	0	00		00	0	0	0	—	10.6	31.8	45	0	148
BAHARÎYA	00	9	00	0	0	0	—	10.2	35.0	32	0												149
KHÂRGA	00	9	32	2	0	0	—	8.7	37.8	24	0	00		00	0	0	0	—	10.2	34.2	33	0	151
DAKHLA	00	9	28	2	0	0	—	10.2	36.0	29	0	00	7	28	1	0	0	—	10.7	28.0	39	0	152
RED SEA																							
TÔR	00	7	30	3	0	0	—	—	32.8	39	0												145
HURGHADA	00	8	02	2	0	0	—	—	32.8	44	0	00	8	00	0	0	0	—	—	28.4	56	0	146
QUSEIR	00	8	02	2	0	0	—	8.2	33.0	56	0	00	8	08	1	0	0	—	8.2	29.0	80	0	147
PORT SUDÂN	00	8	06	4	0	2	4	5	39	42													208
NORTH SÛDÂN																							
WÂDI HALFA	00	8	32	4	0	2	4	8	39	12													165
KAREIMA	01	9	06	1	0	3	8	8	38	25													166
'ATBARA	01	8	24	2	1	5	8	6	39	26													167
KHARTÛM	01	8	30	3	1	5	8,4,3	8	35	53	0												209
KASSALA	01	8	00	0	1	5	9,2	8	33	53													170
CENTRAL SÛDÂN																							
WAD MEDANI	02	8	20	3	1	6	8	7	35	35													171
RENK	01	9	28	3	1	4	4	—	30	55													182
ROSEIRES	01	8	16	1	1	3	8	12?	30	55													172
EL OBEID	02	9	18	2	1	6	9,4,1	9	31	49													174
EL FÂSHER	02	9	10	1	1	5	8,4	—	31	55													175
GENEINA	01	8	19	3	1	4	8	—	28	52													179
KADUGLI	02	8	20	3	1	6	9	11	29	66													187
S. SÛDÂN																							
MALAKÂL	02	8	00	0	1	5	8,4,5	9	31	52													176
WÂU																							177
JUBA	02	8	04	1	1	5	9	10	30	59													178

UPPER WINDS ON 18th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
11 h. 45 m.	13 h. 30 m.	h. m.	h. m.	12 h. 30 m.	h. m.	h. m.	14 h. 15 m.	11 h. 30 m.	13 h. m.	h. m.	13 h. m.	13 h. 15 m.	13 h. m.
03 32 25				03 30 05			09 35 20	09 30 05	09 25 15		09 21 15	09 02 05	09 00 00
06 31 20	06 27 15			06 32 05			15 29 20	15 18 05	15 29 15		15 22 10	15 35 10	12 16 05
09 31 30	09 29 15			09 32 05			21 35 30	21 16 10	21 04 05		21 26 05	21 01 15	
15 33 15	15 25 10			15 31 35			27 31 30	24 14 15	24 06 10		27 23 15	33 35 10	
21 02 20	21 22 10			21 32 20			33 30 35	30 15 15	30 09 15		33 24 15	39 33 10	
30 03 20	27 28 10			30 28 20				39 13 20	39 08 30		39 25 35		
45 07 25	30 33 02												
60 26 20													

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day: Humidity % on 18th	Diff from normal	Wet bulb temp °C on 18th	Diff from normal
Alexandria	74	−1	22.6	−0.5
Ezbekiya	39	−20	20.9	−1.5
Gîza	46	−13	21.2	−0.6
Helwân	33	−15	18.3	−1.9

GÎZA — GRASS MINIMUM TEMP. ON 19th 18.1 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 19th 26.0 °C

Discharges at Aswân measured by sluices m³ per sec. DATE	1946	1945
19-7	2546	1736
18-7	2199	1678

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	19th	13.02	−0.58	13.07	−0.53
Nâsser		8.96	−0.24	8.93	−0.24
Malakâl		11.15	−0.25	11.14	−0.25
J. Aulia Res				374.37	
J. Aulia D.S				372.95	+0.40
Roseires		18.30	+1.96	17.90	+1.74
Sennar Res.		13.84		12.60	
Khartûm		13.92	+1.14	13.59	+0.86
Kh. el Girba				12.80	+0.03
'Atbara		12.85	+0.91	12.62	+0.76
Kajnarti		136.60	+1.80	136.39	+1.77
Aswân Res.		101.58		101.58	
Aswân D.S		87.54	+0.33	87.04	−0.14
Roda (Cairo)		16.58	+0.87	16.54	+0.84

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on FRIDAY 19th (الساعة ٨ يوم الجمعة ١٩)

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Norm. from Oct. 1 mms.
MEDITERRANEAN																		
SALÛM												—		—				99
MATRÛH	00	9	28	3	0	0	—	11.0	+1.0	26.2	28	0	21	0	88	0	101	161
MARIUT	01	7	25	1	1	5	8,2,6	11		26	30	—	19	—	62	0	187	138
ALEXANDRIA	01	9	20	2	1	3	8	11.1	+1.5	25.4	30	0	22	−1	73	0	170	186
DAMIETTA	00	8	00	0	1	2	8	10.3	+1.7	28.0	30	—	24	—	81	0	81	106
PORT SA'ÎD	00	8	32	2	0	2	8	10.4	+2.6	28.3	31	0	23	0	69	0	71	81
EL 'ARÎSH	00	9	16	1	0	0	—	10.0	+1.4	29.1	30	0	20	0	52	0	—	94
LOWER EGYPT																		
DAMANHÛR	00	6	04	3	0	0	—	10.3	+1.5	26.0	34	+1	20	0	76	0	92	101
MANSÛRA	00	8	32	2	0	0	—	10.6	+1.9	27.8	35	0	23	+2	71	0	66	55
TANTA	00	8	24	1	0	0	—	10.8	+1.6	26.0	35	0	20	+1	76	0	107	44
ZAGAZIG	00	6	32	2	0	0	—	10.7	+1.4	30.0	35	0	21	+2	62	0	24	27
SHEBÎN EL KÔM	00	8	30	2	0	0	—	10.0	+0.6	26.8	37	—	21	—	73	0	36	—
MIDDLE EGYPT																		
CAIRO ALMAZA	05	6	00	0	0	0	—	10.6	+1.6	25.5	37	—	22	—	81	0	10	—
CAIRO EZBEKÎYA	09	5	30	1	0	0	—	10.6	+1.6	26.6	36	0	22	0	65	0	22	26
CAIRO GÎZA	00	8	30	3	0	1	8	11.1	+2.1	26.3	37	+2	22	+3	76	0	41	27
HELWÂN	05	6	28	1	0	0	—	10.7	+1.7	25.6	36	+1	21	0	67	0	20	29
SUEZ	00	9	00	0	0	0	—	11.2	+3.0	29.7	36	0	22	−1	43	0	—	17
UPPER EGYPT																		
FAIYÛM	00	8	32	1	0	0	—	10.6	+1.6	26.7	37	0	22	+1	71	0	13	8
MINYA	00	9	32	1	0	0	—	10.4	+1.8	28.5	39	+2	20	−1	53	0	dr.	—
ASYÛT	00	7	22	1	0	0	—	11.2	+3.0	28.0	38	+1	21	−2	33	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	10.4	+3.3	31.6	38	—	18	—	34	0	1	—
QENA	00	8	24	1	0	0	—	9.2	+2.5	34.6	41	+1	22	−2	29	0	13	—
LUXOR	00	7	14	2	0	0	—	10.2	+3.5	35.0	42	+1	25	+2	28	0	0	—
ASWÂN	00	9	30	2	0	0	—	9.9	+2.8	33.1	42	+1	26	0	18	0	dr.	
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	13.0	+1.3	28.0	40	+2	19	−2	66	0	5	8
BAHARÎYA																		7
KHÂRGA	00	9	00	0	0	0	—	11.4	+3.7	27.6	39	−1	21	−2	65	0	1	—
DÂKHLA	00	8	32	1	0	0	—	11.4	+2.8	27.0	38	−1	20	−3	42	0	0	—
RED SEA																		
TÔR																		13
HURGHÂDA	00	8	28	2	0	0	—	—	—	34.2	34	−1	23	−1	21	0	1	3
QUSEIR	00	8	32	3	0	0	—	8.4	+2.3	33.8	34	0	27	0	28	0	11	4
PORT SÛDÂN	00	8	10	3	0	3	4	7		36					44	0	36	99
NORTH SÛDÂN																		
WÂDI HALFA	00	8	00	0	0	0	—	10		31					18	0	tr.	—
KAREIMA	05	6	32	1	0	3	4	10		31					46	0	26	7
'ATBARA	00	8	28	3	1	0	—	9		31					38	0	30	20
KHARTÛM	02	8	00	0	2	5	4	8		27					55	30	124	48
KASSALA	01	8	00	0	1	4	4	10		27					70	0	133	105
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	16	3	1	4	5	12		26					74	1	200	129
RENK	01	9	20	2	1	4	3	—		25		—		—	84	—	—	242
ROSEIRES																0	392	357
EL OBEID	01	8	12	1	1	4	8,2,2	13		27					70	0	157	127
EL FÂSHER	02	9	00	0	1	6	8,4	—	—							0	86	83
GENEINA								—	—			—		—			—	168
KADUGLI	00	6	00	0	1	4	1	12		26		—		—	74	—	—	400
S. SÛDÂN																		
MALAKÂL	00	8	20	1	0	3	4	13		26					79	0	376	429
WÂU	01	8	00	0	1	3	4	13		25					79	0	545	648
JUBA	00	8	12	2	0	2	4	14		24					84	9	780	677

UPPER WINDS ON 19th (الثلاثاء ١٩ يوم)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
6 h. 30 m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	7 h. 15 m.	7 h. m.	7 h. m.	6 h. m.
03 32 15								09 35 20	09 33 20	09 30 20	09 29 20
06 36 30								15 36 20	15 31 25	15 35 15	15 09 10
09 36 30								21 31 10	21 35 10	21 34 10	21 07 15
15 02 40								27 25 10	27 08 10	27 14 20	24 08 20
21 03 20								33 20 30	33 13 15	33 14 30	27 09 35
30 05 16								39 18 35	39 15 15		
36 23 20											

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	7 h. m.	7 h. m.	7 h. m.	h. m.	6 h. 45 m.
	09 21 20	09 08 30	09 27 15		09 12 05
	15 27 20	15 07 05	15 27 15		15 08 05
		21 09 15	21 20 05		21 05 25
		27 08 15	27 23 05		27 05 25
		33 10 25	33 23 30		33 05 30
		39 11 30			39 05 30

UPPER AIR TEMP. ALMÂZA AT G.M.T. ON

HEIGHT FEET	P.P.P m.b.	T.T	
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
15000			

CYPRUS SYNOPTIC 8h. ON 19th

34700 00990 22200 09302 00002 00190
34800 00990 12200 09291 40301 00180

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.

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 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 AMOUNT (N)

- Clear 0
- Trace 1
- 1 Tenth 2
- 2, 3 Tenths 3
- 4, 5, 6 Tenths 4
- 7, 8 Tenths 5
- 9 Tenths 6
- Over 9 Tenths 7
- Overcast 8
- Fog or Dust 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

ANNUAL SUBSCRIPTION P.T. 150

Month 1946

STATION	14h ww	V	DD	F	W	N	C	PPP	TTT	UU	Rain 8-14	20h ww	V	DD	F	W	N	C	PPP	TTT	UU	Rain 14-20	Station Number
At 14h. on 19th Friday الساعة ١٤ يوم ١٩												At 20h. on 19th الجمعة ١٩ الساعة ٢٠ يوم											
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	28	3	0	0	—	10.7	28.2	83	0	00	8	28	2	0	0	—	11.8	26.0	92	0	131
MARIUT	00	8	29	3	0	2		10	28	70	0	00	7	29	2	0	0	—	10	26	74	0	150
ALEXANDRIA	02	9	26	2	2	5		10.7	29.0	67	0	00		28	2	0	0	—	10.7	26.4	73	0	132
DAMIETTA	00	8	28	2	1	2	8	7.8	28.8		0	00	7	28	1	1	0	—	7.8	24.9	88	0	159
PORT SAʿÎD	00	8	32	2	0	0	—	9.8	31.1	64	0	00	8	32	2	0	0	—	9.9	25.5	72	0	134
EL ʿARÎSH	00	9	28	4	0	0	—	9.4	30.8	65	0	00	9	31	3	0	0	—	9.6	26.6	92	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	04	3	0	0	—	10.3	32.2	52	0	00	7	30	4	0	0	—	10.6	25.2	82	0	136
MANSÛRA	00	8	30	2	0	0	—	7.8	34.2	30	0	00	6	04	1	0	0	—	7.7	26.4	61	0	137
TANTA	00	8	00	0	0	0	—	10.2	33.3	34	0	00	8	00	0	0	0	—	10.6	26.6	61	0	138
ZAGAZIG	00	6	24	2	0	0	—	9.0	32.0	33	0	00	6	24	2	0	0	—	10.2	26.0	64	0	139
SHEBÎN EL KÔM	00	8	28	2	0	0	—	7.4	35.8	17	0	00	7	30	2	0		—	7.6	29.0	54	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	28	3	0	0	—	9.6	36.1	21	0	00	7	02	1	0	0	—	9.6	30.3	34	0	141
CAIRO EZBEKÎYA	00	9	32	2	0	0	—	9.1	36.1	20	0	00	7	30	2	0	0	—	10.3	30.3	40	0	—
CAIRO GÎZA	00	8	26	4	0	0	—	9.0	36.9	18	0	00	8	02	2	0	0	—	10.2	28.8	40	0	—
HELWÂN	00	8	26	3	0	0	—	8.7	35.8	16	0	00	7	30	3	0	0	—	9.2	30.7	31	0	143
SUEZ	00	9	18	2	0	0	—	8.8	36.8	28	0	00	9	30	3	0	0	—	9.2	31.1	58	0	144
UPPER EGYPT																							
FAIYÛM	00	8	00	0	0	0	—	7.0	35.4	27	0	00	8	32	2	0	0	—	8.4	31.9	33	0	153
MINYA	00	9	32	2	0	0	—	8.6	37.7	22	0	00	7	00	0	0	0	—	8.7	31.4	26	0	154
ASYÛT	00	8	22	2	0	0	—	9.0	37.0	14	0	00	6	24	1	0	0	—	8.4	31.2	31	0	155
NAGʿ HAMÂDI	00	8	00	0	0	0	—	7.5	38.3	20	0	00	8	00	0	0	0	—	8.0	29.4	45	0	164
QENA	00	9	26	3	0	0	—	8.3	41.4	14	0	00	6	24	1	0	0	—	7.1	35.0	16	0	156
LUXOR	00	7	30	3	0	0	—	7.3	40.5	15	0	00	7	30	2	0	0	—	8.6	34.0	22	0	157
ASWÂN	00	9	02	4	0	0	—	7.8	40.6	08	0	00	9	32	2	0	0	—	7.2	37.2	15	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	—	11.4	37.6	41	0	00	—	00	0	0	0	—	11.8	34.2	50	0	148
BAHARÎYA												00		00	0	0	0	—	11.4	26.2	54	0	149
KHÂRGA	00	9	00	0	0	0	—	9.6	40.3	26	0	00		32	2	0	0	—	8.4		23	0	151
DAKHLA	00	9	32	1	0	0	—	9.5	37.5	28	0	00	7	32	1	0	0	—	11.4	30.0	36	0	152
RED SEA																							
TÔR																							145
HURGHÂDA	00	8	32	3	0	0	—	—	35.6	48	0	00	8	28	1	0	0	—	—	29.8	46	0	146
QUSEIR	00	8	02	2	0	0	—	7.9	34.0	43	0	00	8	06	1	0	0	—	7.1	32.0	39	0	147
PORT SÛDÂN	01	9	12	4	0	4	4	4	38	51	0												206
NORTH SÛDÂN																							
WÂDI HALFA	00	8	04	2	0	0	—	7	42	11													165
KAREIMA	00	8	28	2	0	0	—	7	40	14													166
ʿATBARA	01	8	32	1	1	3	4	5	42	15													167
KHARTÛM	00	8	20	1	1	1	8	8	35	35													209
KASSALA																							170
CENTRAL SÛDÂN																							
WAD MEDANI	00	8	08	1	1	3	1	8	35	39													171
RENK	01	5	30	3	1	4	8	—	39	21													182
ROSEIRES	01	8	17	2	1	4	8	—	33	53													172
EL OBEID	01	9	00	0	1	4	8	7	31	55													174
EL FÂSHER	81	9	08	3	8	8	9	1	28	58													175
GENEINA																							179
KADUGLI	02	8	12	4	1	5	9	8	33	47													187
S. SÛDÂN																							
MALAKÂL	02	8	04	1	1	5	8	7	39														176
WÂU	01	8	32	1	1	5	8	7	32	52													177
JUBA	02	8	04	2	1	6	8,4	10	28	66													178

Columns: PRESENT WEATHER (ww); VISIBILITY (V); WIND Dir. (DD), Force (F); PAST WEATHER (W); CLOUD Amount (N), Form (C); BAR PRESS M.S.L. 1000+ mbs. (PPP); TEMP. °C (TTT); % HUMIDITY (UU); RAIN mms.

UPPER WINDS ON 19th (١٩ يوم)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH 13h.	MARIUT 13h.	PORT SAʿÎD	ALMÂZA	MINYA 12h. 30m.	LUXOR	HURGHÂDA	WÂDI HALFA 13h.	KAREIMA	KHARTÛM 13h.	KASSALA	EL OBEID	MALAKAL	JUBA
03 35 30	03 30 25			03 32 15	05 32 30		10 34 15		10 21 10				
06 34 30	05 31 20			05 30 05	10 32 50		15 34 20		15 24 08				
09 34 35	10 30 15			10 32 05	15 32 —		20 33 15		18 22 05				
15 36 35	12 30 15			15 33 10	20 32 —		25 25 10						
21 36 40	15 35 28				21 31 25								
27 35 40	20 39 34												
30 35 35	25 32 35												
45 34 45													
54 36 45													

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day: Humidity % on 19th	Diff from normal	Wet bulb temp °C on 19th	Diff from normal
Alexandria	71	-4	23.1	0.
Ezbekiya	49	-10	21.6	-0.8
Giza	54	-5	21.3	-0.6
Helwân	46	-2	20.2	0.0

GÎZA — GRASS MINIMUM TEMP. ON 20th 17.7° C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 20th 26.8° C

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	20-7	2893	1736
	20-7	2546	1736

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	20-7-46			13.02	-0.58
Nâsser				8.96	-0.24
Malakâl		11.16	-0.25	11.15	-0.35
J. Aulia Res.					
J. Aulia D.S					
Roseires		17.95	+1.44	18.80	+1.96
Sennar Res.				13.84	
Khartûm				12.92	+1.14
Kh. el Girba					
ʿAtbara		13.14	+1.12	12.88	+0.91
Kajnarti				136.60	+1.80
Aswân Res.		101.00		101.58	
Aswân D.S		87.93	+0.70	87.54	+0.33
Roda (Cairo)		16.60	+0.88	16.58	+0.87

Printed by the Survey of Egypt, 1945. (45/306)

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STATION	ww	V	DD	F	W	N	C	M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb °C	Max Yesterday °C	Diff. from norm.	Min Today °C	Diff. from norm.	% Humidity	Rain Past 24 hrs mms.	Total From Oct. 1 mms.	Norm. From Oct. 1 mms.
At 8h. on Saturday 20th الساعة ٨ يوم السبت ٢٠																		
MEDITERRANEAN																		
SALÛM												—		—				99
MATRÛH	00	9	28	3	0	0	—	11.5	+1.5	25.0	29	+1	21	0	84	0	101	161
MARIUT	00	7	26	4	0	1	6	10		29	29	—	25	—	66	0	187	138
ALEXANDRIA	00	9	26	3	0	0	—	10.6	+1.0	25.6	30	0	24	+1	85	0	170	186
DAMIETTA	01	8	20	3	1	4	6	9.4	+0.9	27.1	31	—	22	—	90	0	81	106
PORT SAʿÎD	02	8	26	3	2	5	8	9.5	+1.7	26.0	32	+1	23	0	80	0	71	81
EL ʿARÎSH	00	9	24	1	0	0	—	9.6	+1.0	28.6	-	-	22	+2	65	0	—	94
LOWER EGYPT																		
DAMANHÛR	00	6	28	3	0	0	—	9.9	+1.1	27.8	33	0	20	0	74	0	92	101
MANSÛRA	01	8	20	2	1	4	8	9.9	+1.2	27.2	35	0	22	+1	74	0	66	55
TANTA	01	8	24	1	0	3	8	10.3	+1.1	26.3	34	-1	21	+2	82	0	107	44
ZAGAZIG	01	6	24	2	0	5	1	10.3	+1.0	28.0	35	0	21	+1	71	0	24	27
SHEBÎN EL KÔM	00	8	28	2	0	0	—	9.8	+0.5	27.8	37	—	22	—	70	0	36	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	28	2	1	4	6	10.5	+1.5	25.9	37	—	23	—	80	0	10	—
CAIRO EZBEKÎYA	01	7	02	2	1	3	8	10.7	+1.7	27.2	37	+1	23	+1	70	0	22	26
CAIRO GÎZA	01	8	30	2	1	4	8	10.6	+1.6	27.7	38	+3	21	+2	69	0	41	27
HELWÂN	05	6	30	1	0	3	8	11.0	+2.0	24.3	36	+1	23	+2	81	0	20	29
SUEZ	00	9	30	1	0	0	—	10.6	+2.4	27.8	39	+3	22	-1	66	0	—	17
UPPER EGYPT																		
FAIYÛM	00	8	02	1	0	0	—	10.4	+1.4	27.9	38	+1	22	+1	66	0	13	8
MINYA	00	9	32	2	0	0	—	10.7	+2.1	28.9	40	+3	22	+1	55	0	dz	—
ASYÛT	00	7	22	2	0	0	—	10.7	+2.5	27.7	39	+2	22	-1	46	0	0	4
NAGʿ HAMÂDI	00	8	00	0	0	0	—	7.9	+2.9	30.7	39	—	21	—	39	0	1	—
QENA	00	8	24	1	0	0	—	8.7	+2.0	30.2	43	+2	23	-1	37	0	13	—
LUXOR	00	7	30	2	0	0	—	8.6	+2.0	34.5	41		23		21	0	0	—
ASWÂN	00	9	30	3	0	0	—	7.5	+0.5	33.0	42	+1	27	+1	14	0	dz	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	12.8	+1.1	27.2	40	+2	20	-1	68	0	5	8
BAHARÎYA	00	9	00	0	0	0	—	11.1	+1.2	31.0	37	0	22	+2	53	0	0	7
KHÂRGA	00	9	00	0	0	0	—	10.4	+2.7		41	+1	23	0	46	0	1	—
DÂKHLA	00	8	12	1	0	0	—	11.5	+2.9	31.5	40	+1	24	+1	32	0	0	—
RED SEA																		
TÔR																	0	13
HURGHÂDA	00	8	30	3	0	0	—			30.2	37	+2	22?	-3	34	0	1	3
QUSEIR	00	8	30	1	0	0	—	6.3	+0.3	32.0	31	+2	28	+1	25	0	11	4
PORT SÛDÂN	00	9	20	3	0	2	3	5		37					57	0	36	100
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	1	0	0	—	8		31					21	0	tr	—
KAREIMA	00	8	28	1	0	0	—	8		33					15	0	26	7
ʿATBARA	00	8	28	3	0	0	—	7		33					20	0	30	21
KHARTÛM	00	8	20	3	0	0	—	9		28					66	0	124	50
KASSALA	00	8	16	3	0	1	2	9		27					70	0	133	108
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	24	4	0	0	—	10		27					70	0	200	134
RENK	01	9	16	2	2	4	3	—		26		—		—	71	—	—	246
ROSEIRES	02	8	20	1	2	7	5	14		26					84	0	372	362
EL OBEID	02	9	30	2	1	6	2	11		24					60	14	171	130
EL FÂSHER	01	8	12	2	1	4	8,4	—	—	24					74	tr	86	87
GENEINA	02	8	00	0	1	5	2	—	—	24		—		—	77	—	—	174
KADUGLI	02	8	26	2	1	5	4	11		24		—		—	84	—		405
S. SÛDÂN																		
MALAKÂL	81	8	20	1	8	8	9	13		23					94	tr	376	435
WÂU	01	8	00	0	1	4	6,4	13		23					84	15	560	654
JUBA	01	8	12	1	1	4	8,4	13		24					89	0	780	680

UPPER WINDS ON 20th (السبت ٢٠ يوم)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH 6h. 30m.	MARIUT	PORT SAʿÎD	HELWÂN 9h. 15m.	MINYA	ASYÛT 7h.	LUXOR	ASWÂN 7h.	WÂDI HALFA	ABU HAMAD 7h. 15m.	KAREIMA 7h. 15m.	KHARTÛM
03 30 25			02 30 10		02 35 20		02 35 05		09 36 40	09 01 20	
06 31 30			05 31 10		05 36 25		05 35 50		15 35 25	15 33 15	
09 31 25			08 32 30		10 33 35		10 32 40		21 34 20	21 32 20	
15 32 35			10 32 35				15 31 40			27 05 10	
21 33 35			15 33 30				20 23 10			33 10 15	
27 34 40			20 34 30				25 25 10			39 12 25	
30 33 40			23 34 30				30 30 10			51 10 —	
33 34 55							35 29 20				
							40 22 25				

KASSALA	PORT SÛDÂN 7h.	EL OBEID 6h. 45m.	EL FÂSHER 7h. 30m.	GENEINA 7h. 15m.	MALAKAL 7h.
	09 16 20	09 21 20	09 01 30	10 10 10	09 21 15
	15 36 10	15 11 30	15 34 20	15 02 05	15 21 15
	21 02 25	21 17 15	21 29 20	20 11 10	21 21 10
	24 36 20	27 12 10		25 09 25	27 25 15
		33 11 10			

UPPER AIR TEMP. ALMÂZA AT 6h. G.M.T. ON 20th

HEIGHT feet	P.P.P m.b.	TT °F	tt °F
Surface	1001	81	75
500	983	72	69
1000	965	70	68
1500	948	71	67
2000	931	73	59
4000	864	72	52
6000	802	61	45
8000	744	50	39
10000	688	41	29
12000	636	44	37
14000	588	36	24
16000	542	35	26

CYPRUS SYNOPTIC 8h. ON

34710 00971 16101 06281 70704 00160
34805 00972 06206 06271 20703 00 0

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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.

DAILY WEATHER REPORT

Sunset 18 55 — Month JULY 1946 — ١٩٤٦ شهر يوليه

At 14 h. on SATURDAY 20th (الساعة ١٤ يوم) and At 20 h. on 20th (الساعة ٢٠ يوم)

Region	Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 h. mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20 mms	Station Number
Mediterranean	SALÛM																							130
	MATRÛH	00	9	04	2	0	0	—	10.6	28.4	77	0	00	8	28	2	0	0	—	10.0	26.0	85	0	131
	MARIUT	05	6	27	4	0	0	—	10	30	55	0	00	8	28	2	0	0	—	9	26	70	0	150
	ALEXANDRIA	00	9	28	4	0	0	—	9.8	30.0	59	0	00	8	02	2	0	0	—	9.2	26.6	72	0	132
	DAMIETTA	00	8	28	4	1	2	6	8.8	28.9	78	0	00	7	26	3	1	2	6	8.2	26.0	92	0	159
	PORT SA'ÎD	14	7	28	5	0	0	—	8.6	32.0	66	0	01	8	28	3	1	3	8	8.3	26.3	84	0	134
	EL 'ARÎSH	00	9	28	3	0	0	—	8.6	29.7	75	0	00	9	28	3	0	0	—	8.2	26.5	95	0	135
Lower Egypt	DAMANHÛR	00	7	28	4	0	0	—	9.2	31.0	57	0	00	7	28	2	0	0	—	9.4	26.0	84	0	136
	MANSÛRA	00	8	20	2	1	0	—	8.6	33.5	45	0	00	6	04	2	0	0	—	9.0	27.0	71	0	137
	TANTA	00	8	32	3	0	0	—	8.8	32.8	49	0	00	8	32	1	0	0	—	9.0	25.0	73	0	138
	ZAGAZIG	00	6	24	2	0	0	—	8.7	35.0	38	0	00	6	24	2	0	0	—	9.2	27.5	67	0	139
	SHEBÎN EL KOM	00	8	28	3	0	0	—	8.0	36.9	34	0	00	7	30	2	0	0	—	9.1	29.9	60	0	—
Middle Egypt	CAIRO ALMAZA	00	8	29	3	0	1	8	2.8	36.5	27	0	00	7	31	1	0	0	—	8.9	29.5	37	0	141
	CAIRO EZBEKIYA	00	8	28	3	0	1	4	8.7	36.2	28	0	00	7	30	2	0	0	—	9.6	30.5	45	0	—
	CAIRO GÎZA	00	6	30	5	0	0	—	8.7	36.6	26	0	00	8	32	2	0	0	—	9.9	29.0	42	0	—
	HELWÂN	00	7	28	5	0	0	—	7.9	35.1	24	0	05	6	30	4	0	0	—	9.1	30.0	31	0	143
	SUEZ	00	9	30	2	0	0	—	8.3	36.3	29	0	00	9	30	2	0	0	—	8.8	31.3	45	0	144
Upper Egypt	FAIYÛM	00	8	30	2	0	0	—	8.3	35.6	26	0	00	8	02	1	0	0	—	8.6	30.4	29	0	153
	MINYA	00	9	28	3	0	0	—	9.2	38.4	13	0	00	9	00	0	0	0	—	8.4	32.6	26	0	154
	ASYÛT	00	8	28	1	0	0	—	8.3	37.2	12	0	00	6	28	1	0	0	—	7.9	31.2	26	0	155
	NAG' HAMÂDI	00	8	24	2	0	0	—	6.7	37.2	23	0	00	8	00	0	0	0	—	6.7	30.4	28	0	164
	QENA	00	9	26	3	0	0	—	5.8	41.0	12	0	00	6	24	1	0	0	—	5.8	35.2	19	0	156
	LUXOR	00	7	30	3	0	0	—	5.3	40.0	15	0	00	6	30	3	0	0	—	6.7	34.0	22	0	157
	ASWÂN	05	5	30	5	0	0	—	5.4	41.0	09	0	00	9	30	3	0	0	—	6.4	36.1	11	0	158
Western Desert	SÎWA	00	8	04	3	0	0	—	12.0	38.0	49	0	00	—	00	0	0	0	—	11.2	34.0	51	0	148
	BAHARÎYA	00	9	00	0	0	0	—	11.1	36.0	31	0	00		00	0	0	0	—	11.0	26.0	56	0	149
	KHÂRGA	00	9	32	2	0	0	—	8.4	39.2	27	0	00		32	2	0	0	—	8.0	—	28	0	151
	DAKHLA	00	9	32	2	0	0	—	9.4	37.0	20	0	00	7	32	2	0	0	—	11.0	30.0	36	0	152
Red Sea	TÔR	00	7	28	4	0	0	—	5.1	29.2	72	0	00	7	28	4	0	0	—	—	30.5	67	0	145
	HURGHADA	00	8	32	4	0	0	—		34.6	27	0	00	8	32	2	0	0	—		27.8	46	0	146
	QUSEIR	00	8	32	2	0	0	—	6.0	35.0	48	0	00	8	30	2	0	0	—	5.2	31.6	52	0	147
	PORT SUDAN	00	8	06	4	0	1	8,4	3	38	53													399
North Sûdân	WÂDI HALFA																							165
	KAREIMA																							166
	ATBARA	01	7	32	4	1	3	4	3	43	12													167
	KHARTÛM	00	8	26	4	0	0	—	6	37	29													299
	KASSALA	01	8	18	2	1	3	8	5	36	35													170
Central Sûdân	WAD MEDANI	01	8	24	3	0	5	8	5	38	25													171
	RENK	01	9	18	3	1	4	8	—	33	53													182
	ROSEIRES	11	8	16	2	2	8	9	9	31	55													172
	EL OBEID	00	8	14	2	1	2	8,4,1	8	33	41													174
	EL FASHER	02	9	00	0	1	6	8,4,2	—	31	43													175
	GENEINA	02	8	20	1	1	5	9,4	—	31	49													179
	KADUGLI	01	8	20	3	1	4	4	10	31	66													187
S. Sûdân	MALAKÂL	02	8	16	2	1	7	8,4,5	11	29	70													176
	WÂU	01	8	24	2	1	5	8	9	31	55													177
	JUBA	95	7	12	4	9	7	6,4	13	24	74													178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 20th

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM 13 h.	KASSALA 13 h.	EL OBEID 13 h.	MALAKAL 13 h.	JUBA 13 h.
									09 30 15	09 26 25	09 18 15	09 20 15	09 34 25
									15 31 10	15 27 30	15 21 20	15 22 10	15 36 15
									21 36 05		21 22 20	21 19 15	21 05 15
									24 36 10		27 24 15	27 19 20	27 13 10
									30 03 15		33 24 05	33 20 30	33 12 20
									39 05 15			39 17 50	

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time.

Discharges at Aswân measured by sluices m.³ per sec. Date	1946	1945
21-7	2893	1736
20-7	2893	1736

Station	Mean of day: Humidity % on 20th	Diff from normal	Wet Bulb Temp °C on 20th	Diff from normal
Alexandria	76	+1	23.6	+0.5
Ezbekiya	55	−4	22.8	+0.4
Giza	52	−8	22.3	+0.3
Helwân	53	+4	20.7	+0.4

GÎZA — Grass minimum temp. on 21st 17.5°C

CAIRO — Water temp. River Nile at 8h. on 21st 26.9°C

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	21st			12.96	−0.64
Nâsser				8.99	−0.24
Malakâl		11.16	−0.26	11.16	−0.25
J. Aulia Res.				374.63	
J. Aulia D.S				374.49	+1.79
Roseires		17.65	+0.99	17.95	+1.44
Sennar Res.				14.84	
Khartûm				13.96	+1.10
Kh. el Girba				13.20	+0.26
'Atbara		13.38	+1.27	13.14	+1.12
Kajnarti				136.86	+1.89
Aswân Res.		101.06		101.00	
Aswân D.S		87.96	+0.69	87.93	+0.70
Roda (Cairo)				16.60	+0.88

Printed by the Survey of Egypt, 1945 (45/306)

At 8 h. on SUNDAY 21st (الساعة ٨ يوم)

Region	Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm °C	Min. Today °C	Min. Diff from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm. from Oct. 1 mms
Mediterranean	SALÛM											—		—					99
	MATRÛH	00	9	28	3	0	0	—	9.4	−0.6	25.8	29	+1	20	−1	85	0	101	161
	MARIUT	00	7	27	2	0	3	6,8	9		28	30	—	23	—	62	0	187	138
	ALEXANDRIA	01	9	28	2	1	4	8	9.1	−0.5	27.0	31	+1	24	+1	71	0	170	186
	DAMIETTA	00	8	26	3	0	0	—	7.8	−0.7	27.5	30	—	22	—	79	0	81	106
	PORT SA'ÎD	00	8	20	2	0	0	—	8.0	+0.2	26.8	32	+1	25	+2	78	0	71	81
	EL 'ARÎSH	01	9	24	2	1	4	3	7.6	−1.0	29.4	32	+2	23	+2	76	0	—	94
Lower Egypt	DAMANHÛR	00	6	24	2	0	0	—	8.6	−0.2	25.8	32	−1	19	−1	75	0	92	101
	MANSÛRA	00	8	20	1	0	0	—	8.3	−0.3	26.5	35	0	20	−1	74	0	66	55
	TANTA	00	8	24	1	0	0	—	9.0	−0.2	26.2	33	−2	19	0	82	0	107	44
	ZAGAZIG	00	6	24	2	0	0	—	9.0	−0.3	29.0	35	0	20	0	64	0	24	27
	SHEBÎN EL KÔM	00	8	22	2	0	0	—	8.6	−0.7	28.6	38	—	21	—	61	0	36	—
Middle Egypt	CAIRO ALMAZA	00	7	26	1	0	0	—	9.0	0.0	27.0	37	—	22	—	63	0	10	—
	CAIRO EZBEKÎYA	00	7	26	2	0	0	—	9.4	+0.4	27.5	37	+1	22	0	58	0	22	26
	CAIRO GÎZA	00	8	26	2	0	0	—	9.2	+0.3	28.3	38	+3	20	+1	56	0	41	27
	HELWÂN	05	5	00	0	0	0	—	8.7	−0.3	26.4	36	+1	21	0	66	0	20	29
	SUEZ	00	9	02	2	0	0	—	9.2	+1.0	27.3	39	+3	24	+1	66	0	—	17
Upper Egypt	FAIYÛM	00	8	00	0	0	0	—	9.0	0.0	28.0	38	+1	21	0	53	0	13	8
	MINYA	00	9	32	1	0	0	—	9.1	+0.5	30.4	40	+3	21	0	40	0	dr.	—
	ASYÛT	00	7	22	1	0	0	—	9.1	+0.9	29.1	38	+1	22	−1	37	0	0	4
	NAG' HAMÂDI	00	8	00	0	0	0	—	8.6	+1.6	30.0	38	—	20	—	45	0	1	—
	QENA	00	8	22	2	0	0	—	7.5	+0.8	30.2	42	+2	23	−1	40	0	13	—
	LUXOR	00	7	22	2	0	0	—	7.8	+1.2	36.0	41	0	23	0	25	0	0	
	ASWÂN	00	9	16	1	0	0	—	8.0	+1.0	31.1	42	+1	26	0	23	0	dr.	
Western Desert	SÎWA	00	7	00	0	0	0	—	11.9	+0.3	26.0	39	+1	19	−2	71	0	5	8
	BAHARÎYA	00	9	00	0	0	0	—	9.3	−0.6	30.2	38	+1	22	+2	58	0	0	7
	KHÂRGA	00	9	00	0	0	0	—	9.5	+1.8	28.7	40	0	22	−1	45	0	1	—
	DÂKHLA	00	8	32	1	0	0	—	10.2	+1.6	29.0	39	0	24	+1	29	0	0	—
Red Sea	TÔR	00	7	28	3	0	0	—	—	—	27.9	30	−4	25	+1	69	0	0	13
	HURGHÂDA	00	8	30	3	0	0	—			30.4	36	+1	25	0	47	0	1	3
	QUSEIR	00	8	30	2	0	0	—	5.5	−0.5	33.2	36	+2	27	0	34	0	11	4
	PORT SÛDÂN	00	8	00	0	2	2	4	4		36					44	0	36	100
North Sûdân	WÂDI HALFA	00	8	02	1	0	0	—	8		32					22	0	tr.	—
	KAREIMA	00	8	08	1	1	3	4,2	7		33					26	0	26	8
	'ATBARA	02	8	28	3	1	7	1	5		33					20	0	30	21
	KHARTÛM	00	8	20	4	0	0	—	8		31					49	0	124	52
	KASSALA	02	8	14	3	1	6	6,5,2	10		26					70	0	133	111
Central Sûdân	WAD MEDANI	00	9	18	5	0	0	—	10		28					66	0	200	139
	RENK	01	9	30	3	1	4	3	—		27		—		—	70	—	—	250
	ROSEIRES	00	8	12	2	9	3	1	—		23					94	8	400	368
	EL OBEID	01	7	20	5	1	4	4	10		25					26	0	171	134
	EL FÂSHER	02	9	00	0	1	6	4,5	—	—	24					74	0	86	91
	GENEINA								—	—			—		—			—	180
	KADUGLI	02	8	28	2	1	7	9	13		24		—		—	74	—	—	410
S. Sûdân	MALAKÂL	02	8	00	0	1	8	4,5	14		24					94	0	376	441
	WÂU	02	8	00	0	1	5	6,4,5	13		22					69	38	598	660
	JUBA	01	8	10	1	1	4	7,4	15		23					65	15	795	684

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 21st

MATRÛH	MARIUT 6 h. 45 m.	PORT SA'ÎD 6 h. 30 m.	HELWÂN 8 h. 45 m.	MINYA	ASYÛT 7 h.	LUXOR	ASWÂN	WÂDI HALFA 7 h. 30 m.	ABU HAMAD 7 h.	KAREIMA 7 h.	KHARTÛM 6 h.
	03 30 10	03 29 15	02 31 05		02 01 20			09 35 40	09 35 50	09 01 40	09 25 20
	06 31 15	06 32 30	05 36 10		05 01 25			15 33 35	15 36 20	15 01 30	15 30 20
	09 35 05	09 32 35	08 33 25		10 34 25			21 32 35	21 29 15	21 35 15	21 23 20
	15 26 20		10 33 20		15 33 35			27 30 20	27 33 20	27 32 20	24 32 20
	21 24 15		15 32 20					33 28 25	33 35 20	33 03 15	30 35 20
	24 25 20		20 33 20					39 23 25		39 08 15	
								48 20 15		51 10 35	

KASSALA 6 h. 45 m.	PORT SÛDÂN 7 h. 15 m.	EL OBEID 7 h. 30 m.	EL FÂSHER 7 h.	GENEINA	MALAKAL 7 h.
09 19 40	09 17 35	09 22 20	09 30 15		09 19 05
15 22 45	15 23 25	15 23 30	15 27 15		15 19 15
21 23 75	21 31 15	21 24 50	21 23 05		21 15 10
27 27 55	27 30 30	27 25 20	27 16 05		
33 31 35		30 22 30	33 19 05		
39 01 30					

CYPRUS SYNOPTIC 8h. ON 21st

34700 00990 14200 04311 90903 00210
34800 00990 24400 04282 10805 00220

UPPER AIR TEMP. ALMÂZA AT 6 G.M.T. ON 21st

Height feet	P.P.P. m.b.	TT °C	Td °C
Surface	1000	79	72
500	982	72	67
1000	964	74	67
1500	947	81	57
2000	930	81	57
4000	864	71	52
6000	801	61	45
8000	743	50	38
10000	688	47	29
12000	636	41	29
14000	588	37	28
15000	542	31	26

ANNUAL SUBSCRIPTION P.T. 150

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

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.

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

Number 1855 — Month JULY 1946

DAILY WEATHER REPORT

١٩٤٦ شهر يوليه

At 14h on SUNDAY 21st / At 20h on 21st — الأحد ٢١

Station	14h ww	V	dd	F	W	N	C	PPP	TTT	Humidity	Rain 8-14 mms	20h ww	V	dd	F	W	N	C	PPP	TTT	Humidity	Rain 14-20 mms	Number
Mediterranean																							
SALÛM																							130
MATRÛH	00	9	28	3	0	0	—	9.0	28.0	83	0	00	8	28	2	0	0	—	8.8	25.8	83	0	131
MARIUT	00	8	26	4	0	0	—	8	31	52	0	00	7	28	2	0	0	—	8	26	79	0	150
ALEXANDRIA	00	9	26	3	0	0	—	8.7	29.0	68	0	00	7	32	2	0	0	—	7.5	26.2	75	0	132
DAMIETTA	00	8	28	3	0	0	—	7.4	30.3	57	0	00	7	28	1	0	0	—	7.1	25.3	79	0	[illegible]
PORT SA'ÎD	00	8	30	4	0	0	—	7.6	31.3	62	0	00	8	28	2	0	0	—	7.5	26.3	69	0	134
EL 'ARÎSH	00	9	28	2	0	0	—	7.4	30.4	67	0	00	9	28	3	0	0	—	7.5	26.7	—	0	135
Lower Egypt																							
DAMANHÛR	00	7	28	4	0	0	—	7.9	31.2	48	0	00	7	32	2	0	0	—	7.8	26.0	76	0	136
MANSÛRA	00	8	28	2	0	0	—	7.5	35.0	37	0	00	6	02	1	0	0	—	7.5	26.8	61	0	137
TANTA	00	8	28	2	0	0	—	7.6	34.0	43	0	00	8	28	1	0	0	—	7.9	24.3	64	0	138
ZAGAZIG	00	6	24	2	0	0	—	—	35.5	35	0	00	6	24	2	0	0	—	7.4	28.0	57	0	139
SHEBÎN EL KÔM	00	8	28	3	0	0	—	7.1	37.6	19	0	00	8	28	2	0	0	—	7.8	29.8	50	0	—
Middle Egypt																							
CAIRO ALMAZA	00	8	24	2	0	0	—	7.2	36.4	19	0	00	7	02	1	0	0	—	6.7	31.4	32	0	141
CAIRO EZBEKÎYA	00	9	28	3	0	0	—	7.6	37.4	19	0	00	7	30	1	0	0	—	7.4	30.8	36	0	—
CAIRO GÎZA	00	7	26	4	0	0	—	7.4	38.3	16	0	00	8	02	1	0	0	—	7.5	30.5	37	0	—
HELWÂN	00	9	28	2	0	0	—	7.2	36.0	18	0	00	7	30	3	0	0	—	7.0	32.2	23	0	143
SUEZ	00	9	02	2	0	0	—	7.2	35.9	24	0	00	9	02	2	0	0	—	7.3	31.6	41	0	144
Upper Egypt																							
FAIYÛM	00	8	00	0	0	0	—	7.5	37.1	18	0	00	8	32	1	0	0	—	6.0	30.3	38	0	153
MINYA	00	9	30	3	0	0	—	7.9	38.0	19	0	00	9	32	1	0	0	—	6.3	31.4	27	0	154
ASYÛT	00	8	22	1	0	0	—	7.4	37.1	16	0	00	6	22	1	0	0	—	7.1	29.8	34	0	155
NAG' HAMÂDI	00	8	26	2	0	0	—	6.8	36.4	22	0	00	8	00	0	0	0	—	6.2	30.0	35	0	164
QENA	00	9	26	3	0	0	—	4.6	40.0	14	0	00	6	26	3	0	0	—	5.1	34.4	17	0	156
LUXOR	00	7	30	4	0	0	—	5.8	38.0	18	0	00	6	30	4	0	0	—	5.2	35.0	19	0	157
ASWÂN	00	9	28	3	0	0	—	4.8	40.1	12	0	00	9	30	3	0	0	—	6.0	35.8	13	0	158
Western Desert																							
SÎWA	00	8	24	2	0	0	—	11.2	37.2	43	0	00		00	0	0	0	—	9.8	34.3	50	0	148
BAHARÎYA	00	9	32	1	0	0	—	10.0	37.0	30	0	00		00	0	0	0	—				0	149
KHÂRGA	00	9	30	4	0	0	—	8.0	40.0	29	0	00		30	3	0	0	—	7.5			0	151
DÂKHLA	00	9	32	1	0	0	—	9.1	38.0	19	0	00	7	28	2	0	0	—	8.9	30.0	25	0	152
Red Sea																							
TÔR												00	7	28	3	0	0	—	6.7			0	145
HURGHÂDA	00	8	32	3	0	0	—		34.2	34	0	00	8	28	3	0	0	—		28.4	43	0	146
QUSEIR	00	9	32	2	0	0	—	5.2	34.0	54	0	00	8	02	2	0	0	—	5.5	32.2	47	0	147
PORT SÛDÂN	02	7	06	3	1	5	6,2	3	35	53													208
North Sûdân																							
WÂDI HALFA	00	8	30	3	0	1	4	5	43	07													165
KAREIMA	00	8	32	4	0	3	1	4	43	15													166
'ATBARA	01	8	32	4	1	4	3	2	43	12													167
KHARTÛM	01	8	20	4	1	4	1	5	38	27													209
KASSALA	02	8	18	3	1	5	8,4,3	6	34	44													170
Central Sûdân																							
WAD MEDANI	01	8	22	5	1	5	8	5	37	33													171
RENK	01	9	16	3	1	4	8		32	55													182
ROSEIRES	02	8	20	1	2	6	8		30	59													172
EL OBEID	01	9	20	4	1	3	9	8	32	55													174
EL FÂSHER	02	9	18	3	1	5	8,4,1	—	33	36													175
GENEINA	01	8	20	1	0	4	8,4	—	28	52													179
KADUGLI	02	8	20	3	1	5	4	12	31	55													187
S. Sûdân																							
MALAKÂL	02	8	12	2	1	7	8,4,5	11	31	59													176
WÂU	02	8	00	0	1	5	8,4	10	30	62													177
JUBA	01	8	32	1	1	5	8,2	10	30	59													178

UPPER WINDS ON 21st (٢١)

… are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. … Direction East of North in tens of degrees. … Velocity in Kilometres per hour.

PORT SA'ÎD 12h 30m	ALMAZA	MINYA 12h 30m	LUXOR	HURGHÂDA	WÂDI HALFA 13h 15m	KAREIMA 12h 45m	KHARTÛM 13h 15m	KASSALA 12h 45m	EL OBEID 13h	MALAKÂL 13h	JUBA 13h 15m
03 31 25		03 32 10			09 33 40	09 34 20	09 26 20	09 21 30	09 26 30	09 22 05	09 01 10
06 28 30		06 32 30			15 34 20	15 34 20	15 26 15	15 23 35	15 27 30	15 21 50	15 01 15
09 30 40		09 32 35			21 33 20	21 34 30	21 25 25	21 25 25	21 27 25	21 19 10	21 01 10
12 29 02		21 32 45			27 31 40	27 32 25	24 23 30	27 26 40	27 23 10	27 16 10	27 08 10
		15 32 30			33 29 40	33 36 20					33 12 05
18 27 30		18 03 45			36 27 30	39 04 05					
21 26 30		21 30 40				51 14 35					
24 22 30		27 29 35									
		33 31 40									

Remarks

Hours are Egyptian standard time … and are two hours fast on Greenwich mean time.

Station	Mean of day: Humidity % on 21st	Diff from normal	Wet bulb temp. °C on 21st	Diff from normal
Alexandria	71	−4	23.6	+0.5
Ezbekîya	44	−15	21.3	−1.1
Gîza	42	−18	21.4	−0.6
Helwân	41	−8	20.2	−0.1

GÎZA — GRASS MINIMUM TEMP. ON 22nd 16.8°C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON 22nd 27.2°C

Discharges at Aswân measured by sluices m³ per sec.	1946	1945
22-7	2893	1736
21-7	2893	1736

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	22nd				
Nâsser					
Malakâl		11.18	−0.26	11.16	−0.26
J. Aulia Res.				374.68	
J. Aulia D.S.				373.39	+0.61
Roseires				17.65	+0.99
Sennar Res.				15.46	
Khartûm				13.84	+0.87
Kh. el Girba				13.10	+0.06
'Atbara		13.46	+1.26	13.38	+1.27
Kajnarti		137.58	+2.25	137.33	+2.22
Aswân Res.		101.40		101.06	
Aswân D.S.		87.97	+0.66	87.96	+0.69
Roda (Cairo)		16.60	+0.86	16.60	+0.87

Printed by the Survey of Egypt, 1945.(45/306)

At 8h on MONDAY 22nd — الاثنين ٢٢ الساعة ٨ صباحا

Station	ww	V	dd	F	W	N	C	PPP M.S.L. 1000+ mbs	Diff from normal mbs	Dry Bulb °C	Max Yesterday °C	Diff from norm.	Min Today °C	Diff from norm.	Humidity %	Rain past 24 hrs mms	Total from Oct. 1 mms	Normal from Oct. 1 mms
Mediterranean																		
SALÛM											—		—					99
MATRÛH	00	9	28	3	0	3	8	7.4	−2.6	26.3	29	+1	21	−1	86	0	101	161
MARIUT	00	7	29	3	0	1	6	6		28	31	—	24	—	76	0	187	138
ALEXANDRIA	00	9	28	3	0	0	—	6.4	−3.2	26.8	30	0	24	+1	78	0	170	186
DAMIETTA	01	7	20	2	1	3	8	7.2	−1.3	26.8	31	—	20	—	74	0	81	106
PORT SA'ÎD	01	8	26	3	0	3	6	6.0	−1.8	26.2	32	+1	23	−1	72	0	71	81
EL 'ARÎSH	00	9	26	1	0	0	—	5.6	−3.0	28.8	31	+1	19	−2		0	—	94
Lower Egypt																		
DAMANHÛR	00	6	24	3	1	3	8	6.2	−2.6	27.0	33	0	20	0	86	0	92	101
MANSÛRA	01	8	08	2	2	5	8	6.2	−2.4	26.5	36	+1	20	−1	73	0	66	55
TANTA	02	8	24	1	2	5	8	6.4	−2.8	25.8	35	0	19	0	82	0	107	44
ZAGAZIG	01	6	24	2	0	3		6.4	−2.8	28.2	36	+1	19	−1	69	0	24	27
SHEBÎN EL KÔM	01	8	22	2	1	4	8	6.4	−2.9	27.8	38	—	20	—	66	0	36	—
Middle Egypt																		
CAIRO ALMAZA	01	7	24	1	1	4	6	5.9	−3.1	26.3	39	—	21	—	72	0	10	—
CAIRO EZBEKÎYA	02	7	22	1	1	5	8	6.7	−2.3	26.3	38	+2	22	0	69	0	22	26
CAIRO GÎZA	01	8	26	2	1	4	8	6.8	−2.1	26.9	39	+4	20	+1	73	0	41	27
HELWÂN	09	5	00	0	0	0	—	6.4	−2.5	24.2	37	+2	21	0	75	0	20	29
SUEZ	00	9	02	1	0	0	—	6.2	−2.0	28.3	38	+2	22	−1	58	0	—	17
Upper Egypt																		
FAIYÛM	00	8	32	2	0	0	—	6.6	−2.4	28.0	38	+1	21	0	55	0	13	8
MINYA	00	9	32	2	0	0	—	7.0	−1.5	29.0	41	+4	22	+1	46	0	dr.	—
ASYÛT	00	6	22	1	0	0	—	7.1	−1.1	28.0	38	+1	22	−1	36	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	6.2	−0.8	29.2	38	—	19	—	50	0	1	—
QENA	00	8	24	2	0	0	—			29.3	41	+1	22	−1	33	0	13	—
LUXOR	00	7	28	1	0	0	—	5.8	−0.8	34.0	40	−1	21	−2	22	0	0	
ASWÂN	00	9	00	0	0	0	—	5.6	−1.4	34.4	41	0	25	−1	22	0	dr.	
Western Desert																		
SÎWA	00	7	00	0	0	0	—	10.6	−1.6	25.0	39	+1	20	−1	68	0	5	8
BAHARÎYA	00	9	00	0	0	0	—	6.6	−3.1	28.5	38	+1	20	0	52	0	0	7
KHÂRGA	00	9	12	1	0	0	—	7.1	−0.6	27.7	40	0	22	−1	38	0	1	—
DÂKHLA	00	8	24	2	0	0	—	7.2	−1.3	31.5	40	+1	24	+1	21	0	0	—
Red Sea																		
TÔR	00	7	30	3	0	0	—	5.9	+0.1	27.8	31	−3	25	+1	68	0	0	13
HURGHÂDA	00	8	30	2	0	0	—			34.2	36	+1	24	−1	44	0	1	3
QUSEIR	00	8	30	1	0	0	—	4.0	−2.0	31.2	35	+1	27	0	60	0	11	4
PORT SÛDÂN	02	8	20	2	1	7	4,5	4		33					63	0	36	100
North Sûdân																		
WÂDI HALFA	00	8	00	0	1	2	1	6		31					17	0	tr.	—
KAREIMA	00	8	04	1	1	3	1,2	6		33					38	0	26	8
'ATBARA	02	7	32	2	1	5	4,1	5		30					35	0	30	22
KHARTÛM	02	8	21	4	2	6	5,2	8		27					58	0	124	54
KASSALA	01	8	14	4	1	4	4	7		27					66	0	133	115
Central Sûdân																		
WAD MEDANI																0	200	143
RENK	00	9	22	3	2	0	—			24		—		—	74	—	—	254
ROSEIRES																		374
EL OBEID	02	9	20	4	1	5	4	9		25					65	27	190	137
EL FÂSHER	02	8	26	4	1	7	4,1	—	—	23					28	5	91	95
GENEINA	02	8	02	2	1	5	4	—	—	23	—		—		74		—	186
KADUGLI	02	8	28	4	1	6	4			23	—		—		78	—	—	415
S. Sûdân																		
MALAKÂL	61	8	18	3	6	6	5	10		22					94	2	378	447
WÂU	01	8	00	0	1	3	4	11		25					89	0	598	666
JUBA	01	8	12	1	1	3	4	13		23					94	0	795	688

UPPER WINDS ON 22nd (الاثنين ٢٢)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. …

MATRÛH 7h 30m	MARIUT 7h	PORT SA'ÎD 6h 15m	HELWÂN 9h	MINYA 7h	ASYÛT	LUXOR 6h 15m	ASWÂN 7h	WÂDI HALFA 7h 15	[illegible] 7	[illegible] 7	[illegible] 7h 30
03 28 40	03 30 25	03 25 10	02 30 20	03 01 15		03 25 15	02 33 05	09 02 25	09 02 25	09 01 30	09 26 45
	06 32 20	06 26 15	05 31 15	06 02 15		06 33 15	05 32 25	15 33 20	15 35 30	15 33 25	15 35 20
	09 33 20	09 32 10	10 36 20	09 32 15		09 31 25	10 33 30	21 28 25	21 31 15		21 02 35
		12 35 05	15 35 40	15 31 20			15 33 25	24 30 35	27 21 15		24 02 35
	Ext. Sc.	15 04 10	20 25 25	21 32 25			20 30 45		33 32 15		30 01 35
		18 08 05	23 25 15	30 33 15							39 03 35
		21 06 05									
		30 33 05									

KASSALA 6h 45m	PORT SÛDÂN 7h	EL OBEID 7h 30m	EL FÂSHER 7h	GENEINA 7h	MALAKÂL 7h 15m
09 19 55	09 15 15	09 21 30	09 31 20	09 07 25	09 34 05
15 22 50	15 31 15	15 28 10	15 31 15	21 11 50	15 02 05
21 22 30	21 33 20	21 30 30	21 26 30	27 16 15	21 07 10
27 25 30	27 34 45	27 01 25	27 24 30	30 16 20	24 01 15
33 25 20	39 02 40	30 02 40	30 30 20		

CYPRUS SYNOPTIC 8h. ON 22nd

34700	00990	08200	02262	10002	00230
34950	00860	12141	02282	50303	00230

UPPER AIR TEMP. ALMAZA AT 6h G.M.T. ON 22nd

HEIGHT feet	P.P.P. mb.	T	Td
Surface	998	76	72
500	980	70	69
1000	962	70	64
1500	945	70	59
2000	928	70	59
4000	862	68	49
6000	800	59	42
8000	741	58	37
10000	686	53	22
12000	635	47	28
14000	586	39	28
15000	541	38	25.6

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	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
[illegible]	
Fog or Dust	9

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-5	1
Very light	6-12	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.

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

ANNUAL SUBSCRIPTION P.T. 150

Sunset 18 34 — Month July 1946 — DAILY WEATHER REPORT — شهر يوليه ١٩٤٦

At 14h. on 22nd (الساعة ١٤ يوم ٢٢) and at 20h. on 22nd (الساعة ٢٠ يوم ٢٢)

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	Rain 8-14 mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	Rain 14-20 mms	Station Number
Mediterranean																							
Salûm																							130
Matrûh	00	9	28	3	0	0	—	7.2	28.0	86	0	00	8	26	4	0	0	—	6.6	26.2	92	0	131
Mariut	00	7	27	4	0	1	8	5	30	66	0	00	7	28	2	0	0	—	6	26	74	0	150
Alexandria	00	8	26	5	0	0	—	5.9	26.8	69	0	00	7	30	3	0	0	—	5.9	26.7	72	0	132
Damietta	00	8	30	3	1	0	—	4.8	29.6	70	0	00	7	28	1	0	0	—	4.7	25.7	92	0	159
Port Sa'îd	00	8	30	3	0	0	—	5.0	31.0	69	0	00	8	30	3	0	0	—	5.1	25.2	89	0	134
El 'Arîsh	00	9	28	4	0	0	—	5.2	28.9	23	0	00	9	28	1	0	0	—	5.2	24.2	97	0	135
Lower Egypt																							
Damanhûr	00	7	28	4	0	0	—	5.5	32.0	23	0	00	7	24	2	0	0	—	6.0	26.4	81	0	136
Mansûra	00	6	30	2	1	0	—	4.7	34.5	44	0	00	6	02	2	0	0	—	5.6	27.2	71	0	137
Tanta	00	8	28	3	1	0	—	4.8	33.6	49	0	00	6	32	1	0	0	—	6.8	26.4	72	0	138
Zagazig	00	6	32	2	0	0	—	4.3	35.2	38	0	00	6	24	2	0	0	—	5.8	27.0	69	0	139
Shebîn el Kôm	00	8	28	1	0	0	—	4.6	36.4	20	0	00	7	28	1	0	0	—	5.0	28.6	58	0	—
Middle Egypt																							
Cairo: Almaza	00	8	30	2	0	0	—	4.1	35.0	26	0	00	7	02	2	0	0	—	5.0	31.2	45	0	141
Cairo: Ezbekîya	00	9	32	3	0	0	—	5.6	34.9	20	0	00	7	28	1	0	0	—	5.8	31.5	40	0	—
Cairo: Gîza	00	8	24	3	0	0	—	4.7	36.7	24	0	00	8	30	2	0	0	—	5.6	29.5	49	0	—
Helwân	00	8	28	4	0	0	—	4.0	34.7	22	0	00	8	30	2	0	0	—	4.7	31.7	36	0	143
Suez	00	9	02	1	0	0	—	4.4	36.4	22	0	00	9	32	2	0	0	—	4.0	31.7	39	0	144
Upper Egypt																							
Faiyûm	00	8	30	2	0	0	—	4.7	35.0	27	0												153
Minya	00	9	32	3	0	0	—	5.5	36.0	19	0	00	9	00	0	0	0	—	5.2	32.5	31	0	154
Asyût	00	8	22	1	0	0	—	5.6	36.9	15	0	00	6	24	1	0	0	—	5.4	29.9	33	0	155
Nag' Hamâdi	00	8	00	0	0	0	—	6.2	39.4	13	0	00	8	00	0	0	0	—	4.3	30.9	21	0	164
Qena	00	9	26	2	0	0	—	2.2	40.0	14	0	00	6	26	2	0	0	—	2.8	33.3	20	0	156
Luxor	00	7	30	2	0	0	—	3.6	40.5	15	0	00	6	26	3	0	0	—	4.3	34.5	17	0	157
Aswân	00	9	24	2	0	0	—	3.4	39.7	11	0	00	9	26	1	0	0	—	2.6	34.2	17	0	158
Western Desert																							
Sîwa	00	8	00	0	0	0	—	—	37.0	22	0	00	—	28	2	0	0	—	6.7	—	—	0	148
Baharîya	00	9	00	0	0	0	—	—	35.2	36	0	00	—	00	0	0	0	—	5.6	—	—	0	149
Khârga	00	9	32	2	0	0	—	6.0	39.6	32	0	00	9	00	0	0	0	—	5.4	33.2	41	0	151
Dakhla	00	9	32	1	0	0	—	6.2	38.3	18	0	00	7	32	1	0	0	—	7.5	32.0	18	0	152
Red Sea																							
Tôr																							145
Hurghada												00	8	32	2	0	0	—	—	29.6	42	0	146
Quseir	00	8	02	2	0	0	—	3.4	33.0	55	0	00	8	28	2	0	0	—	3.2	30.4	60	0	147
Port Sûdân	02	8	16	3	1	5	4,2	2	35	53													169
North Sûdân																							
Wâdi Halfa	00	8	36	3	0	1	1	3	41	08													165
Kareima	00	8	04	2	0	2	1	3	43	08													166
'Atbara	01	8	28	3	1	5	4,1	2	41	14													167
Khartûm	01	7	20	3	2	5	4	3	37	24													168
Kassala	02	8	20	3	1	5	8	2	30	62													170
Central Sûdân																							
Wad Medani	01	8	20	5	1	4	1	4	37	25													171
Renk	01	9	18	3	1	3	3	—	32	43													182
Roseires																							172
El Obeid	10	7	20	3	1	7	6,4	7	—	—													174
El Fâsher	01	8	12	3	1	5	4	8	31	43													175
Geneina	02	8	32	3	1	6	4	10	31	36													179
Kadugli	01	8	20	3	1	4	1	8	32	43													187
S. Sûdân																							
Malakâl	02	8	30	1	1	5	8,4	8	37	37													176
Wau	01	8	00	0	1	4	8	7	32	50													177
Juba	02	8	30	0	1	6	1	9	31	57													178

Upper Winds on 22nd (الرياح العليا يوم ٢٢)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh (13 h.)	Mariut	Port Sa'îd	Almaza	Minya	Luxor	Hurghâda	Wâdi Halfa	Kareima	Khartûm	Kassala	El Obeid	Malakal	Juba
03 33 19					03 28 07		09 34 11	09 36 07	09 27 15		09 21 19	09 28 04	09 11 09
06 32 24					06 29 07		15 32 09	15 36 17	15 30 11		15 22 31	15 19 13	15 06 03
07 32 33					09 30 22		21 26 11	21 35 19	11 01 28		21 22 26	21 15 05	21 04 11
15 29 28							27 24 05	27 33 17	24 42 35		27 16 26	27 03 05	27 05 15
21 31 28							33 24 19	33 31 29	27 04 37			33 05 03	30 05 11
27 34 42							39 23 28					39 13 07	
30 35 40													
45 35 29													
46 34 26													

Remarks

Hours are Egyptian standard time, long. 30° E and are two hours fast on Greenwich mean time.

Station	Mean of day: Humidity % on 22nd	Diff. from normal	Wet bulb temp. °C on 22nd	Diff. from normal
Alexandria	73	-2	23.9	+0.8
Ezbekiya	52	-7	21.4	-1.1
Gîza	57	-3	22.6	+0.5
Helwân	55	+6	21.2	+0.8

GÎZA — Grass minimum temp. on 23rd 16.8 °C

CAIRO — Water temp. River Nile at 8h. on 23rd 27.2 °C

Discharges at Aswân measured by sluices m³ per sec.	1946	1945
23-7	2893	1736
22-7	2893	1736

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	23-7-46			12.96	-0.65
Nâsser				9.08	-0.20
Malakâl		11.19	-0.26	11.78	-0.26
J. Aulia Res.				374.88	
J. Aulia D.S				373.33	-0.47
Roseires					
Sennar Res.				15.98	
Khartûm		13.84	+0.67	13.78	+0.70
Kh. el Girba				13.25	+0.12
'Atbara		13.91	+1.12	13.46	+1.26
Kajnarti				137.58	+2.25
Aswân Res.		102.12		101.40	
Aswân D.S		87.97	+0.59	87.97	+0.66
Roda (Cairo)		16.58	+0.83	16.60	+0.86

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on Tuesday 23rd (الساعة ٨ يوم الثلاثاء ٢٣)

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Norm from Oct 1 mms
Mediterranean																		
Salûm												—		—				99
Matrûh	01	9	28	3	0	4	8	5.2	-4.7	25.8	28	0	22	0	87	0	101	161
Mariut	00	7	29	1	0	2	8	4		28		—	25	—	70	0	187	130
Alexandria	01	9	32	1	1	4	8	5.0	-4.5	26.6	30	0	24	+1	80	0	170	186
Damietta	01	7	18	2	2	4	8	4.7	-3.8	27.3	31	—	22	—	81	0	81	106
Port Sa'îd	00	8	28	1	0	2	6	4.6	-3.2	26.4	32	+1	24	0	77	0	71	61
El 'Arîsh	00	9	02	1	0	0	—	4.4	-4.2	28.8	31	+1	19	-2	73	0	—	94
Lower Egypt																		
Damanhûr	01	6	28	3	1	3	8	4.6	-4.2	27.8	33	0	22	+2	74	0	92	101
Mansûra	01	8	30	1	1	3	8	6.0	-2.6	26.8	36	+1	21	0	78	0	66	55
Tanta	00	8	00	0	0	0	—	5.0	-4.2	26.8	34	-1	20	+1	80	0	107	44
Zagazig	01	6	24	2	1	4	8	4.3	-4.9	27.8	36	+1	21	+1	70	0	24	27
Shebîn el Kôm	00	8	22	P	1	2	8	4.7	-4.5	27.6	37	—	21	—	71	0	36	—
Middle Egypt																		
Cairo: Almaza	05	6	00	0	2	4	6	5.3	-3.6	26.7		—	23	—	72	0	10	—
Cairo: Ezbekîya	09	5	24	1	1	6	6	5.2	-3.7	26.5	37	+1	23	+1	73	0	22	26
Cairo: Gîza	02	8	28	2	2	5	6	5.2	-3.6	26.9	38	+3	20	+1	73	0	41	27
Helwân	09	5	00	0	0	2	0	5.1	-3.8	28.4	36	+1	21	0	80	0	20	29
Suez	00	9	32	1	0	0	—	5.4	-2.8	26.0	38	+2	23	0	79	0	—	17
Upper Egypt																		
Faiyûm	00	8	02	1	0	0	—	4.7	-4.3	26.7	37	0	21	0	62	0	13	8
Minya	01	9	28	2	1	4	1	5.0	-3.6	27.5	39	+2	21	0	60	0	dr	—
Asyût	00	7	16	1	0	0	—	5.1	-3.1	28.8	38	+1	22	-1	49	0	0	4
Nag' Hamâdi	00	8	00	0	0	0	—	4.7	-2.2	29.0	39	—	20	—	39	0	1	—
Qena	00	8	26	2	0	0	—	3.8	-2.9	29.0	41	+1	22	-2	37	0	13	—
Luxor												—		—			0	
Aswân	00	9	00	0	0	0	—	4.6	-2.4	31.5	40	-1	25	-1	31	0	dr	—
Western Desert																		
Sîwa	00	7	00	0	0	0	—	7.8	-3.8	27.0	40	+2	21	0	72	0	5	8
Baharîya	00	9	00	0	0	0	—	5.1	-4.8	31.0	37	0	23	+3	59	0	0	7
Khârga	00	9	00	0	0	0	—	5.9	-1.8	28.9	40	0	23	0	40	0	1	—
Dâkhla	00	8	22	1	0	0	—	6.4	-2.1	32.0	40	+1	23	0	19	0	0	—
Red Sea																		
Tôr																	0	13
Hurghâda	00	8	30	2	0	0	—	—	—	32.2	35	0	23	-2	35	0	1	3
Quseir	00	8	28	1	0	0	—	2.6	-3.4	34.6	35	+1	27	0	47	0	11	4
Port Sûdân	01	9	00	0	1	3	3	3		36					25		36	100
North Sûdân																		
Wâdi Halfa	00	8	28	1	1	2	1	5		29					20		tr	—
Kareima	01	8	06	1	0	3	1	5		32					21		26	8
'Atbara	01	8	20	3	0	4	4	4		31					44		30	23
Khartûm	08	8	18	4	0	1	1	6		30					55		124	55
Kassala	01	8	14	3	1	3	4	8		27					66		133	118
Central Sûdân																		
Wad Medani	00	9	16	5	0	0	—	—		28					58		200	148
Renk	01	9	20	3	1	4	—	7?		27		—		—	70	—		258
Roseires																	400	380
El Obeid	00	8	20	4	1	0	—	7	—	26					74		176	141
El Fâsher								—	—								91	99
Geneina								—	—			—		—				192
Kadugli	00	8	12	2	0	2	1	7		28		—		—	66	—		420
S. Sûdân																		
Malakâl	01	8	00	0	1	5	4	9		26					79		378	453
Wâu	02	8	00	0	1	5	4	9		26					74		596	672
Juba	00	8	22	1	0	2	4	8		23					89		795	692

Upper Winds on 23rd (الرياح العليا يوم ٢٣)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh	Mariut	Port Sa'îd	Helwân (h45m)	Minya	Asyût	Luxor	Aswân	Wâdi Halfa	Abu Hamad	Kareima	Khartûm
03 30 31	03 33 11		02 32 05	03 33 13		03 31 17		09 02 20		09 02 28	09 23 61
06 31 40	06 35 13		05 34 05	06 35 15		06 34 28		15 34 17		15 26 11	15 31 24
09 31 48	09 35 15		08 04 08	09 34 28		09 01 37		21 25 22		21 27 07	21 05 31
	12 35 33		10 02 12	12 33 29				27 23 37		27 25 15	24 02 29
	15 34 15		15 01 17	15 35 29				33 23 44		33 23 05	30 02 26
	18 34 13		20 35 25	18 34 29							39 05 26
	21 34 19		23 35 21	21 34 28							51 10 35
	24 33 19		25 35 30	24 34 29							
	27 35 19										

Kassala	Port Sûdân	El Obeid	El Fâsher	Geneina	Malakal
09 19 51		09 23 45			09 23 15
15 21 82		15 23 45			15 14 07
21 21 35		21 36 24			21 13 07
27 33 55		27 05 19			27 07 19
		33 07 07			33 08 19
		39 32 88			

Cyprus synoptic 8h. on 23-7

34850 01983 04103 03242 10803 30281
34710 00981 08201 03262 [illegible] [illegible]

Upper air temp Almaza at 08 30 G.M.T. on 23-7-46

Height feet	P.P.P. m.b.	T.T.	[illegible]
Surface	996	75	72
500	978	70	69
1000	961	68	68
1500	943	78	56
2000	926	80	55
4000	860	72	50
6000	798	60	45
8000	740	55	36
10000	685	48	31
12000	633	40	29
14000	585	42	29
16000	540	40	31

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.

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	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 Amount (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, [illegible]	4
7, [illegible]	5
9 Tenths	6
Overcast	7
Overcast	8
Fog or Dust	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

ANNUAL SUBSCRIPTION P.T. 150

Time of Sunrise 05 08
Sunset 18 54

MINISTRY OF PUBLIC WORKS

DAILY WEATHER REPORT

Month July 1946 — شهر يوليو ١٩٤٦

At 14h. on Tuesday 23rd (الثلاثاء ٢٣) and At 20h. on 23rd

Region	Station	14h Present weather	14h Visibility	14h Wind Dir.	14h Wind Force	14h Past weather	14h Cloud Amount	14h Cloud Form	14h Bar press M.S.L. 1000+ mbs.	14h Temp.	14h Humidity	Rain 8-14 mms	20h Present weather	20h Visibility	20h Wind Dir.	20h Wind Force	20h Past weather	20h Cloud Amount	20h Cloud Form	20h Bar press M.S.L. 1000+ mbs.	20h Temp.	20h Humidity	Rain 14-20 mms	Station number
Mediterranean	Salum																							130
	Matruh	00	9	30	3	1	0	-	5.9	27.8	89	0	01	8	30	3	0	4	8	5.5	26.0	89	0	131
	Mariut	00	7	27	4	0	0	-	4	30	62	0	00	7	29	1	0	0	-	4	26	84	0	150
	Alexandria	00	9	26	3	0	0	-	4.8	30.0	73	0	00	5	32	2	0	0	-	5.2	26.0	67	0	132
	Damietta	00	7	28	2	1	0	-	3.6	30.7	72	0	00	7	28	1	0	0	-	4.3	26.8	78	0	159
	Port Said	00	8	02	2	0	0	-	3.9	32.6	59	0	00	8	30	2	0	0	-	4.2	26.8	77	0	134
	El Arish	00	9	28	3	0	0	-	3.9	28.9	76	0	00	9	02	1	0	0	-	4.0	26.3	96	0	135
Lower Egypt	Damanhur	00	7	28	4	0	0	-	3.8	33.8	42	0	00	7	28	2	0	0	-	4.6	26.2	80	0	136
	Mansura	00	8	30	1	1	0	-	3.9	35.0	41	0	00	6	04	1	0	0	-	4.6	27.6	63	0	137
	Tanta	00	8	32	2	0	0	-	3.8	35.0	37	0	00	8	32	1	0	0	-	4.4	26.5	70	0	138
	Zagazig	00	6	24	2	0	0	-	3.8	35.2	42	0	00	6	32	2	0	0	-	4.4	28.9	66	0	139
	Shebin el Kom	00	8	28	2	0	0	-	3.2	37.7	33	0	00	7	30	2	0	0	-	3.2	29.7	52	0	—
Middle Egypt	Cairo Almaza	00	8	30	1	0	0	-	3.0	36.6	24	0	00	7	02	3	0	0	-	3.3	33.7	38	0	141
	Cairo Ezbekiya	00	9	04	2	0	0	-	2.8	37.7	33	0	00	7	02	1	0	0	-	3.5	32.8	38	0	—
	Cairo Giza	00	8	00	0	0	0	-	3.5	37.8	24	0	00	8	32	3	0	0	-	4.2	31.1	51	0	—
	Helwan	00	8	00	0	0	0	-	3.1	36.0	20	0	00	7	32	1	0	0	-	3.1	34.0	22	0	143
	Suez	00	9	32	2	0	0	-	3.4	34.9	26	0	00	9	00	0	0	0	-	2.8	33.7	22	0	144
Upper Egypt	Faiyum	00	8	30	1	0	0	-	3.4	35.1	24	0	00	8	32	1	0	0	-	2.7	32.1	39	0	153
	Minya	00	9	32	2	0	0	-	3.9	36.0	29	0	01	9	32	1	1	3	1	3.6	32.9	29	0	154
	Asyut	00	8	22	1	0	0	-	3.9	37.1	15	0	00	6	20	1	0	0	-	4.2	29.2	36	0	155
	Nag Hamadi	00	8	24	1	0	0	-	3.0	37.2	18	0	00	8	00	0	0	0	-	3.6	26.7	49	0	184
	Qena	00	9	24	2	0	0	-	1.6	40.0	16	0	00	6	22	2	0	0	-	3.3	32.2	34	0	156
	Luxor	00	7	26	2	0	0	-	2.8	40.0	15	0	00	6	28	2	0	0	-	3.5	32.0	28	0	157
	Aswan	00	9	30	1	0	0	-	3.5	39.8	12	0	00	9	00	0	0	0	-	4.3	34.9	15	0	158
Western Desert	Siwa	00	8	00	0	0	0	-	6.8	37.4	37	0	00		00	0	0	0	-	4.8	31.2	51	0	148
	Bahariya												00		32	1	0	0	-	—	27.0	49	0	149
	Kharga	00	9	28	2	0	0	-	4.7	40.7	25	0	00	9	30	1	0	0	-	4.0	35.4	32	0	151
	Dakhla	00	9	28	1	0	0	-	3.5	38.7	18	0	00	7	32	1	0	0	-	5.5	30.0	24	0	152
Red Sea	Tor																							145
	Hurghada	00	8	02	3	0	0	-		32.7	49	0	00	8	26	1	0	0	-		29.8	55	0	146
	Quseir	00	8	02	1	0	0	-	1.8	34.0	53	0	00	8	04	2	0	0	-	2.6	32.0	53	0	147
	Port Sudan	02	8	08	4	1	5	8,4	1	36	53													169
North Sudan	Wadi Halfa	00	8	20	1	0	1	8	3	41	08													165
	Kareima	00	8	02	1	0	0	-	2	42	11													166
	Atbara	00	8	26	2	1	3	8	1	41	19													167
	Khartum	01	8	22	4	0	3	4	3	37	27													168
	Kassala	02	8	20	2	1	6	2	3	35	39													170
Central Sudan	Wad Medani	02	8	18	4	0	7	3	2	37	27													171
	Renk	01	9	20	3	2	4	8	4	35	44													182
	Roseires	01	8	12	1	2	5	8	-	31	62													172
	El Obeid	01	8	20	4	0	3	8	4	38	35													174
	El Fasher	01	9	02	3	1	4	4	-	37	17													175
	Geneina	02	8	02	2	1	6	4	-	33	32													179
	Kadugli	01	8	20	3	1	4	9	6	34	36													187
S. Sudan	Malakal	01	8	16	2	1	4	8,4	6	33	50													176
	Wau																							177
	Juba	10	8	28	1	1	4	7,1	6	32	55													178

At 8h. on Wednesday 24th (الأربعاء ٢٤)

Region	Station	Present weather	Visibility	Wind Dir.	Wind Force	Past weather	Cloud Amount	Cloud Form	Bar pressure M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Mediterranean	Salum												—		—				99
	Matruh	01	9	28	3	1	4	8	6.6	-3.3	25.8	28	0	22	0	87	0	101	161
	Mariut	01	7	28	2	1	4	6	5	-	28	30	—	24	—	70	0	187	138
	Alexandria	01	8	28	3	1	4	4	5.9	-3.6	27.0	31	+1	24	+1	78	0	170	186
	Damietta	00	6	16	1	4	0	-	5.2	-3.2	27.3	33	—	21	—	79	0	81	106
	Port Said	00	8	30	2	0	3	8	5.4	-2.4	28.7	34	+3	24	0	74	0	71	81
	El Arish	00	9	04	1	0	0	-	4.6	-4.0	28.3	31	+1	20	-1	70	0	-	94
Lower Egypt	Damanhur	00	6	24	3	0	0	-	5.1	-3.7	28.0	35	+2	22	+2	77	0	92	101
	Mansura	00	8	20	1	0	0	-	5.5	-3.1	27.2	37	+2	22	+1	75	0	66	55
	Tanta	00	8	00	0	0	0	-	5.5	-3.7	26.3	36	+1	20	+1	82	0	107	44
	Zagazig	00	6	24	2	0	0	-	5.6	-3.6	27.9	37	+2	21	+1	72	0	24	27
	Shebin el Kom	00	8	24	1	0	0	-	4.8	-4.4	28.4	37	—	22	—	66	0	36	—
Middle Egypt	Cairo Almaza	41	4	00	0	4	8	6	6.1	-2.8	23.7	39	—	22	—	93	dr	10	—
	Cairo Ezbekiya	04	4	04	1	4	7	8,6	6.0	-2.9	26.1	38	+2	23	+1	78	0	22	26
	Cairo Giza	09	6	30	1	4	4	6	6.0	-2.8	25.0	39	+4	21	+1	83	0	41	27
	Helwan	05	6	30	1	0	0	-	5.4	-3.5	26.3	38	+3	23	+2	72	0	20	29
	Suez	00	9	02	1	0	0	-	5.5	-2.7	30.4	39	+3	24	+1	61	0	0	17
Upper Egypt	Faiyum	00	8	30	1	0	0	-	5.9	-3.2	27.9	39	+2	21	0	66	0	13	8
	Minya	00	9	32	1	0	0	-	5.1	-3.5	30.4	39	+2	24	+3	53	0	dr	—
	Asyut	00	7	00	0	0	0	-	5.5	-2.7	30.8	39	+2	22	-1	28	0	0	4
	Nag Hamadi	00	8	00	0	0	0	-	5.5	-1.4	29.0	38	—	19	—	34	0	1	—
	Qena	01	8	20	1	0	4	1	4.7	-2.0	28.0	42	+2	22	-2	46	0	13	—
	Luxor	00	7	28	2	0	0	-	5.2	-1.4	32.0	41	0	20	-3	24	0	0	—
	Aswan	00	9	00	0	0	0	-	4.4	-2.6	30.3	41	0	26	0	24	0	dr	—
Western Desert	Siwa	00	7	00	0	0	0	-	7.6	-4.0	26.0	40	+2	21	0	85	0	5	8
	Bahariya	00	9	00	0	0	0	-	6.8	-3.1	29.0	37	0	20	0	52	0	0	7
	Kharga	00	9	00	0	0	0	-	5.8	-1.9	28.3	41	+1	21	-2	42	0	1	—
	Dakhla	00	8	22	1	0	0	-	5.9	-2.5	28.0	40	+1	22	-1	22	0	0	—
Red Sea	Tor																		13
	Hurghada	00	8	30	2	0	0	-			31.6	35	0	26	+1	36	0	1	3
	Quseir	00	8	32	2	0	0	-	3.5	-2.5	32.2	35	+1	27	0	49	0	11	14
	Port Sudan	01	8	00	0	1	3	4	3		34					47	0	36	100
North Sudan	Wadi Halfa	01	8	24	1	1	4	2	5		29					25	0	tr	—
	Kareima	00	8	00	0	1	3	2	5		27					28	0	26	9
	Atbara	00	8	20	3	1	2	1	4		33					44	0	30	23
	Khartum	01	8	20	3	2	4	4	5		32					46	0	124	56
	Kassala	01	8	14	3	1	4	4	7		28					66	0	133	121
Central Sudan	Wad Medani	02	9	18	4	1	7	4	7		30					55	0	200	153
	Renk	01	9	16	3	1	4	4	-		27		—		—	70	—		262
	Roseires																	400	385
	El Obeid	02	9	16	3	1	5	4,5	8		25					61	0	198	144
	El Fasher	01	9	16	3	1	4	4	—	—	24					84	0	91	103
	Geneina	02	8	00	0	1	5	4,1	—	—	22		—		—	78	0		199
	Kadugli	02	8	20	2	1	5	4	9	2	26		—		—	74	—		425
S. Sudan	Malakal	02	8	06	2	1	8	5	9		24					89	8	386	459
	Wau	01	8	00	0	1	5	4,1	9		23					78	4	602	678
	Juba	02	8	12	1	1	7	6	11		23					89	0	795	696

Upper Winds on 23rd (٢٣)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

Matruh	Mariut	Port Said	Almaza	Minya	Luxor	Hurghada	Wadi Halfa	Kareima	Khartum	Kassala	El Obeid	Malakal	Juba
h. m.	12 h. 30 m.	12 h. 30 m.					13 h. 15 m.	14 h. 45 m.	13 h. m.	13 h. m.	13 h. m.	13 h. m.	
	03 31 15	03 XX XX					09 24 03	04 00 00	09 21 19	09 21 19	09 23 17	09 20 19	
	06 34 09	06 01 15						15 31 09	15 20 31	15 21 15	15 22 19	15 19 31	
	09 31 11	09 22 17					21 26 09	18 30 05	21 10 17	21 23 28	21 35 09	21 18 19	
	12 31 13	15 24 07					27 29 33	24 07 13	30 03 17		30 04 22	27 20 28	
	15 26 29	21 15 07					33 24 46		39 36 11			33 20 05	
	21 31 17	30 20 11					39 25 57					39 16 11	
	30 29 17	36 17 11											
	39 32 13												
	45 28 19												

Upper Winds on 24th (الرياح العليا يوم ٢٤)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

Matruh	Mariut	Cairo	[illegible]	Minya	Asyut	Luxor	Aswan	Wadi Halfa	Abu Hamad	Kareima	Khartum
h. m.	h. m.	9 h. m.	8 h. 45 m.	6 h. 30 m.	7 h. m.	7 h. 30 m.	h. m.	7 h. 30 m.	7 h. m.	7 h. m.	6 h. m.
		00 27 05	00 31 10	03 04 13	00 00 00	03 22 02		09 03 11	09 02 31	09 02 22	09 22 40
		02 34 05	02 32 15	06 04 17	02 00 00	06 30 09		15 36 07	15 35 13	15 03 11	15 22 15
		05 30 10	05 32 05	09 35 11	05 35 10	09 34 20		21 22 24	21 26 07	21 06 03	21 02 17
		08 28 10	08 30 05	12 32 17	10 31 05			27 23 11	27 33 05	27 16 11	24 03 17
		10 29 20	10 31 45	15 32 17	15 34 05					33 15 13	30 07 20
		15 30 16	15 30 20	21 30 13	20 34 05					39 13 15	33 02 26
		20 30 15	20 29 20	27 30 13						51 14 17	39 11 24
		30 27 30	23 29 45	30 32 11						63 12 35	
		35 26 25		33 31 09							

Kassala	Port Sudan	El Obeid	El Fasher	Geneina	Malakal
6 h. 30 m.	7 h. m.	6 h. 30 m.	7 h. 30 m.	h. m.	7 h. m.
09 20 31	09 18 11	09 20 35	09 17 13		09 30 03
15 22 19	15 25 26	15 27 22	15 19 11		15 24 03
21 21 26	21 29 28	21 09 15	21 04 07		21 19 05
27 23 17	27 35 24	27 01 20	27 34 09		27 27 02
33 33 05	33 36	33 03 14			33 02 15
39 03 17	39 32 24	39 05 31			39 02 05
51 01 24					

Cyprus Synoptic 8h. on 24th

34700 00990 08200 04282 20001 00210.
34850 09832 08342 04282 40901 00200.

Upper Air Temp. Almaza at 7h. G.M.T. on 24th

Height feet	P.P.P. m.b.	T.T.	t.t.
Surface	996	78	76
500	979	71	69
1000	960	77	65
1500	943	80	57
2000	926	79	57
4000	860	71	50
6000	798	60	45
8000	740	50	36
10000	685	48	29
12000	533	44	27
14000	585	45	26
16000	540	38	26

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time.

Mean of day

Station	Humidity % on 23rd	Diff. from normal	Wet bulb temp. °C on 23rd	Diff. from normal
Alexandria	76	+1	24.5	+1.4
Ezbekiya	53	-7	23.5	+1.0
Giza	58	-2	23.4	+1.3
Helwan	48	-1	21.0	+0.5

Gîza — Grass minimum temp. on 24th: 17.9 °C

Cairo — Water temp. River Nile at 8h. on 24th: 27.7 °C

Discharges at Aswân measured by sluices m³ per sec.	1946	1945
24.7	3492	1736
23.7	2693	1736

Gauges

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	24-7-1946	—	—	12.80	-0.81
Nâsser		—	—	9.10	-0.20
Malakâl		11.20	-0.26	11.19	-0.26
J. Aulia Res.		—	—	374.93	—
J. Aulia D.S		—	—	373.29	+0.35
Roseires		18.26	+1.15	18.19	+1.21
Sennar Res.		—	—	16.51	—
Khartûm		—	—	13.54	+0.67
Kh. el Girba		—	—	12.60	-0.62
'Atbara		—	—	13.41	+1.12
Kajnarti		137.60	+1.98	137.62	+2.07
Aswân Res.		102.60	—	102.12	—
Aswân D.S		85.54	+1.12	85.97	+0.59
Roda (Cairo)		—	—	16.58	+0.82

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	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]	
[illegible]	
10 "	
20 "	
50 "	
[illegible]	

Cloud Amount (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

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.

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

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Annual Subscription P.T. 150

Time of Sunrise 05 49
Sunset 18 53

Month JULY 1946

DAILY WEATHER REPORT

١٩٤٦ شهر يوليه

At 14h. on WEDNESDAY 24th (الساعة ١٤ يوم الأربعاء ٢٤) — **At 20h. on 24th** (الساعة ٢٠ يوم الأربعاء ٢٤)

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	Rain 8-14 mms	20h Present Weather ww	Visibility	Wind Dir. DD	Wind Force	Past Weather	Cloud Amount	Cloud Form	Bar. Press M.S.L. 1000+ mbs.	°C Temp.	% Humidity	Rain 14-20 mms	Station Number
Mediterranean																							
SALUM																							130
MATRUH	00	9	32	2	1	0	—	7.0	27.4	86	0	01	8	32	2	0	4	8	7.9	25.8	93	0	131
MARIUT	00	7	28	4	0	2	6	6	29	70	0	00	7	29	2	0	0	—	6	26	84	0	150
ALEXANDRIA	01	8	30	4	2	3	4	6.0	29.6	68	0	01		06	2	2	3	4	7.2	26.4	81	0	132
DAMIETTA	00	7	30	2	1	2	8	4.8	31.7	64	0	00	6	28	1	1	2	6	6.0	26.0	89	0	159
PORT SA'ÎD	00	8	02	2	0	0	—	5.1	32.0	59	0	00	8	30	2	0	0	—	6.0	26.5	85	0	134
EL 'ARÎSH	00	9	32	3	0	0	—	5.0	29.7		0	00	9	28	2	0	0	—	5.5	27.6	86	0	135
Lower Egypt																							
DAMANHÛR	00	6	28	4	0	0	—	5.1	32.6	62	0	00	7	28	3	0	0	—	6.4	26.7	82	0	136
MANSÛRA	01	8	04	1	1	3	8	5.4	34.2	46	0	00	6	04	1	1	0	—	6.3	27.6	77	0	137
TANTA	00	8	32	3	0	0	—	4.8	34.7	44	0	01	8	00	0	0	3	8	7.0	27.0	70	0	138
ZAGAZIG	00	6	24	2	0	0	—	5.1	35.4	35	0	00	6	24	1	0	0	—	6.8	28.0	69	0	139
SHEBÎN EL KÔM	00	8	24	2	0	0	—	4.2	39.2	29	0	00	7	28	2	0	0	—	5.9	28.3	62	0	—
Middle Egypt																							
Cairo ALMAZA	00	8	28	2	0	0	—	4.4	36.7	28	0	00	7	02	1	0	0	—	6.1	31.0	51	0	141
Cairo EZBEKIYA	00	9	30	2	0	2	8	5.0	37.9	29	0	00	7	30	1	0	0	—	6.0	31.2	48	0	—
Cairo GÎZA	00	8	24	3	0	0	—	5.0	38.8	22	0	00	8	04	2	0	0	—	6.8	30.0	54	0	—
HELWAN	00	8	28	3	0	0	—	4.8	36.2	23	0	05	6	32	5	0	0	—	6.0	31.7	44	0	143
SUEZ	00	9	08	1	0	0	—	5.0	37.9	27	0	00	9	32	2	0	0	—	5.5	33.3	37	0	144
Upper Egypt																							
FAIYUM	00	8	00	0	0	0	—	4.6	37.0	18	0	00	8	32	3	0	0	—	5.2	32.9	30	0	153
MINYA	01	9	32	2	1	3	1	5.1	39.0	17	0	01	9	00	0	1	4	3	4.8	35.3	21	0	154
ASYÛT	00	8	24	1	0	0	—	5.2	39.1	17	0	00	8	24	1	0	0	—	5.0	32.3	27	0	155
NAG HAMADI	00	8	00	0	0	0	—	4.3	38.0	19	0	00	8	00	0	0	0	—	4.2	27.4	45	0	164
QENA	01	9	22	2	1	4	1	4.3	41.6	14	0	01	6	22	2	1	3		3.1	33.8	26	0	156
LUXOR	02	7	26	2	2	5	1	4.3	41.5	14	0	00	6	28	2	0	0	—	4.0	32.3	27	0	157
ASWÂN	02	9	28	2	1	5	3	2.8	41.8	08	0	00	9	26	2	0	0	—	3.0	37.0	14	0	158
Western Desert																							
SÎWA	00	8	24	2	0	0	—	7.6	37.3	41	0	00		00	0	0	0	—	7.1	33.8	54	0	148
BAHARÎYA												00		00	0	0	0	—		28.0	57	0	149
KHÂRGA	00	9	32	1	0	0	—	4.7	40.0	30	0	02		04	1	2	6	2	4.2	32.4	52	0	151
DAKHLA	00	9	28	1	0	0	—	3.6	38.0	19	0	00	7	28	1	0	0	—	6.4	31.0	18	0	152
Red Sea																							
TÔR																							145
HURGHADA	00	8	08	1	0	0	—		35.7	36	0	00	8	06	1	0	0	—		28.4	59	0	146
QUSEIR	00	8	02	2	0	0	—	4.2	34.0	52	0	00	8	12	1	0	0	—	3.9	29.2	84	0	147
PORT SÛDÂN	01	8	04	3	1	3	8	1	36	53													169
North Sûdân																							
WÂDI HALFA	01	8	26	1	1	3	1	3	41	08													165
KAREIMA	01	8	06	1	0	3	2	2	43	08													166
'ATBARA	02	8	32	2	1	5	2,4,3	1	42														167
KHARTÛM	12	8	18	4	1	4	9	2	38	29													168
KASSALA	01	8	16	3	1	4	8	2	36	40													170
Central Sûdân																							
WAD MEDANI	01	8	28	5	1	5	8	2	36	35													171
RENK																							182
ROSEIRES																							172
EL OBEID	01	8	20	4	1	4	2,4,2	4	33	41													174
EL FÂSHER	01	9	00	0	1	4	2,4,2	—	36	24													175
GENEINA																							179
KADUGLI	02	8	20	3	1	6	9	8	28	66													187
S. Sûdân																							
MALAKÂL	25	8	16	2	8	5	8,4	7	28	70													176
WÂU	62	8	28	2	6	8	9	8	23	94													177
JUBA	01	8	00	0	1	3	8	7	33														178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 25th (٢٥)

Matruh	Mariut	Port Sa'îd	Almaza	Minya	Luxor	Hurghâda	Wâdi Halfa	Kareima	Khartûm	Kassala	El Obeid	Malakal	Juba
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	10 h. m.	13 h. m.	13 h. 15 m.	h. m.	h. m.
									09 31 15	09 21 20	09 24 20		
										15 25 20	15 22 20		
										21 26 20	21 28 10		
										27 32 15	33 10 20		
											36 08 20		

Remarks

Hours are Egyptian standard time, long. 30°E. and are two hours fast on Greenwich mean time.

Station	Mean of day: Humidity % on 24th	Diff. from normal	Wet Bulb Temp. °C on 24th	Diff. from normal
Alexandria	77	+2	24.3	+1.2
Ezbekiya	60	0	23.5	+1.0
Gîza	64	+4	23.2	+1.0
Halwân	55	+6	22.4	+1.9

GÎZA — GRASS MINIMUM TEMP. ON 25th 19.2°C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON 25th 27.9°C

Discharges at Aswân measured by sluices m³ per sec.		
Date	1946	1945
25-7	4051	1736
24-7	3492	1736

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	25	12.87	−0.75	12.86	−0.76
Nâsser				9.12	−0.20
Malakâl		11.20	−0.27	11.20	−0.26
J. Aulia Res.				375.00	
J. Aulia D.S				373.29	+0.26
Roseires		18.95	+1.72	18.26	+1.15
Sennar Res.				16.95	
Khartûm		13.72	+0.28	13.78	+0.54
Kh. el Girba					
'Atbara		13.28	+0.75		
Kajnarti				137.60	+1.98
Aswân Res.		102.22		102.50	
Aswân D.S		89.14	+1.64	88.54	+1.12
Roda (Cairo)		16.56	+0.75	16.56	+0.78

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At 8h. on THURSDAY 25th (الساعة ٨ يوم الخميس ٢٥)

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm °C	Min. Today °C	Min. Diff. from norm °C	% Humidity	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Norm from Oct 1 mms
Mediterranean																		
SALÛM												—		—				99
MATRÛH	01	9	00	0	1	4	8	8.6	−1.3	27.3	28	0	22	0	83	0	101	161
MARIUT	01	7	28	3	1	3	6	7		27	30	—	24	—	84	0	187	138
ALEXANDRIA	02	8	30	2	2	5	4	7.5	−2.0	27.0	30	0	24	+1	78	0	170	186
DAMIETTA	01	7	28	2	1	4	8,6	6.3	−2.1	27.9	34	—	23	—	77	0	81	106
PORT SA'ÎD	01	8	28	6	1	5	8	6.4	−1.4	28.5	33	+2	25	+1	72	0	71	81
EL 'ARÎSH	00	9	20	1	0	0	—	6.2	−2.4	29.9	32	+2	21	0	66	0	—	94
Lower Egypt																		
DAMANHÛR	00	6	28	3	0	0	—	6.7	−2.1	28.0	35	+2	22	+2	79	0	92	101
MANSÛRA	03	7	04	1	2	8	6	6.8	−1.8	25.2	37	+2	22	+1	88	0	66	55
TANTA	01	8	28	1	1	4	8	7.0	−2.2	26.3	36	+1	21	+2	88	0	107	44
ZAGAZIG	00	6	24	2	0	0	—	6.7	−2.5	27.2	36	+1	22	+2	77	0	24	27
SHEBÎN EL KÔM	00	8	22	1	1	2	8	6.6	−2.6	28.1	39	—	23	—	71	0	36	—
Middle Egypt																		
Cairo ALMAZA	00	7	28	1	2	1	6	6.9	−2.0	25.7	39	—	23	—	79	0	10	—
Cairo EZBEKÎYA	09	5	00	0	0	0	—	7.0	−1.9	26.7	38	+2	24	+2	78	0	22	26
Cairo GÎZA	00	8	32	2	0	1	8	7.2	−1.6	27.1	39	+4	22	+2	70	0	41	27
HELWÂN	05	6	32	2	0	0	—	7.0	−1.9	25.3	38	+3	22	+1	75	0	20	29
SUEZ	01	9	32	1	1	4	1	5.8	−2.4	27.2	40	+4	24	+1	71	0	—	17
Upper Egypt																		
FAIYÛM	00	8	30	1	0	0	—	7.0	−2.1	26.7	39	+2	23	+2	72	0	13	8
MINYA	00	9	22	1	0	0	—	6.4	−2.2	30.0	40	+3	23	+1	53	0	tr.	
ASYÛT	00	7	22	1	0	0	—	6.4	−1.8	30.1	40	+3	23	0	24	0	0	4
NAG HAMÂDI	00	8	00	0	0	0	—	5.5	−1.4	29.8	39	—	19	—	42	0	1	—
QENA	00	8	24	1	0	0	—	5.1	1.6	30.2	42	+2	23	−1	37	0	13	—
LUXOR	00	7	28	1	0	0	—	5.2	−1.3	35.0	43	+2	22	−1	19	0	0	—
ASWÂN	00	9	00	0	0	0	—	4.8	−2.2	34.0	43	+2	26	0	29	0	tr.	
Western Desert																		
SÎWA	00	7	00	0	0	0	—	8.7	−2.9	29.0	39	+1	21	0	50	0	5	8
BAHARÎYA	00	9	00	0	0	0	—	—	—	29.5	40	+3	21	+1	49	0	0	7
KHÂRGA	00	9	04	1	0	0	—	5.9	−1.9	29.7	42	+2	23	0	42	0	1	—
DÂKHLA	00	8	28	1	0	0	—	6.4	−2.0	30.0	40	+1	24	+1	21	0	0	—
Red Sea																		
TÔR																		13
HURGHÂDA	00	8	32	2	0	0	—			31.4	36	+1	26	+1	52	0	1	3
QUSEIR	00	8	32	2	0	0	—	4.3	−1.7	32.8	35	+1	27	0	49	0	11	4
PORT SÛDÂN	05	4	26	3	3	3	4	3		38					35	0	36	100
North Sûdân																		
WÂDI HALFA	00	8	02	1	0	0	—	5		30					18	0	tr.	—
KAREIMA	18	6	16	4	0	2	1,2	6		31					49	0	26	9
'ATBARA	02	7	20	3	3	6	2	6		30					49	0	30	24
KHARTÛM	02	8	20	3	2	5	6,5,2	5		25					74	0	124	57
KASSALA	02	8	18	2	1	5	4,1	9		25					79	2	135	125
Central Sûdân																		
WAD MEDANI	02	9	14	5	1	6	6	9		23					84	52	252	157
RENK												—		—		—	—	266
ROSEIRES																		391
EL OBEID	10	9	12	3	5	7	6,4	10		25					79	4	202	148
EL FÂSHER	22		18	3	6	7	6,8	—	—	26					89	tr.	91	107
GENEINA	10	8	20	1	1	4	4	—	—	22		—		—	83		—	206
KADUGLI	02	8	12	3	1	7	8	11		24		—		—	94	—	—	430
S. Sûdân																		
MALAKÂL	02	8	16	2	1	5	6,4	10		24					84	tr.	386	465
WÂU	02	8	00	0	1	6	4,2	11		23					84	9	611	684
JUBA	01	8	12	2	0	4	4	13		22					94	11	806	700

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 25th (الرياح العليا يوم ٢٥)

Matrûh	Mariut	Port Sa'îd	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa	Abu Hamad	Kareima	Khartûm
7 h. 15 m.	7 h. 30 m.	6 h. 45 m.	8 h. 45 m.	6 h. m.	h. m.	7 h. 20 m.	h. m.	7 30	7	11	8
03 25 05	03 34 15	03 30 20	02 33 10	03 04 30		03 03 05		09 05 05	09 25 35	09 20 45	09 15 35
06 01 15	06 35 20	06 30 20	05 35 10	05 03 30		06 01 25		15 36 05	12 27 20	15 25 15	15 12 20
09 02 20	09 34 20	09 29 20	08 33 20	09 02 20		09 01 40		21 24 15		21 19 05	21 11 30
15 03 40	15 34 15	15 30 25	10 33 30	15 35 15		15 01 20		27 23 15		27 19 10	24 10 30
	21 33 05	21 31 25	15 33 25	21 31 15		21 33 15		33 22 30			30 12 10
	30 30 20		20 33 20			30 26 40		36 21 30			33 19 05
	33 28 15		23 35 20			33 24 50					39 20 20
	45 25 15		25 02 15								
	51 27 15		30 04 15								

Kassala	Port Sûdân	El Obeid	El Fâsher	Geneina	Malakal
6 h. 45 m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.
09 20 30	03 28 15	09 02 20	09 21 30	09 26 15	09 18 35
15 21 45	06 20 20	15 02 25	15 21 20	15 27 02	15 18 35
21 22 45		21 35 15	21 07 15	21 05 20	21 17 25
27 25 45		24 35 10	27 07 15	27 10 20	27 19 20
				33 07 35	33 15 1[illegible]
				39 07 25	

UPPER AIR TEMP. ALMÂZA AT 5h G.M.T. ON 25th

Height feet	P.P.P mb.	TT °F	Td °F
Surface	997	74	72
500	979	70	69
1000	961.5	69.5	67
1500	944	80	60
2000	927	80.5	57.5
4000	861	72	52
6000	799	62.5	46.5
8000	740.5	53	42
10000	685.5	51	32
12000	634	45	27.5
14000	585.5	44	30.5
16000	540.5	38	30

CYPRUS SYNOPTIC 8h. ON 25th

34700 00990 22300 04282 10903 00200
34850 00861 28201 04272 10102 00210

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.

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	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

CLOUD AMOUNT (N)

1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise h. m. 05 10
Sunset h. m. 18 53

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month July 1946 — شهر يوليو ١٩٤٦

1417 F.O.

At 14h. on Thursday 25th — الساعة ١٤ يوم الخميس ٢٥ — At 20h. on 25th

Station	14h Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs. ppp	Temp. °C TTT	Humidity %	Rain 8–14 mms	20h Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs. ppp	Temp. °C	Humidity %	Rain 14–20 mms	Station number
Salûm																							130
Matrûh	00	9	30	2	1	0	—	8.6	27.6	84	0	00	8	02	1	0	0	—	9.1	26.0	92	0	131
Mariut	00	7	29	4	0	3	6	7	29	74	0	00	7	30	2	0	0	—	8	26	84	0	150
Alexandria	01	8	28	4	2	4	4	6.6	29.7	67	0	00	5	02	2	0	0	—	8.7	26.4	75	0	132
Damietta	01	8	28	4	1	4	8	6.0	28.5	78	0	01	7	28	3	1	3	8	7.2	26.3	90	0	133
Port Saîd	14	7	30	5	0	0	—	6.3	30.9	65	0	01	8	30	3	1	5	6	7.4	26.7	85	0	134
El 'Arîsh	00	9	28	3	0	0	—	5.8	30.1		0	01	9	28	3	1	4	3	7.0	27.2	82	0	135
Damanhûr	00	6	28	4	0	0	—	6.6	31.2	63	0	00	7	28	2	0	0	—	8.6	26.2	82	0	136
Mansûra	00	8	02	3	1	0	—	6.2	34.5	49	0	00	6	32	2	0	0	—	7.8	27.4	44	0	137
Tanta	00	8	24	3	1	0	—	6.0	34.0	47	0	00	8	28	1	0	0	—	7.3	26.5	75	0	138
Zagazig	00	6	24	2	0	0	—	5.9	35.4	42	0	00	6	32	1	0	0	—	6.8	28.9	66	0	139
Shebîn el Kôm	00	8	02	2	0	0	—	5.6	36.6	42	0	00	7	02	2	0	0	—	7.4	27.9	76	0	—
Almaza	00	8	01	1	0	0	—	5.3	36.3	24	0	00	7	02	2	0	0	—	7.7	30.6	34	0	[illegible]
Ezbekîya	00	9	30	2	0	3	8	5.4	36.8	31	0	00	8	30	3	0	0	—	7.2	30.5	56	0	—
Gîza	00	8	32	4	0	0	—	5.8	36.8	24	0	00	8	30	3	0	0	—	7.0	29.6	60	0	—
Helwân	00	7	28	3	0	0	—	5.4	36.3	20	0	05	6	32	4	0	0	—	7.2	30.9	49	0	143
Suez	00	9	32	2	0	0	—	6.0	36.7	26	0	00	9	02	1	0	0	—	6.7	33.4	34	0	144
Faiyûm	00	8	30	1	0	0	—	5.1	36.5	24	0	00	8	32	5	0	0	—	5.9	33.1	36	0	153
Minya	00	9	02	3	0	0	—	5.6	38.7	18	0	00	9	32	1	0	0	—	6.0	31.4	35	0	154
Asyût	00	8	20	1	0	0	—	5.9	38.9	17	0	00	6	24	1	0	0	—	6.2	30.4	34	0	155
Nag Hamâdi	00	8	00	0	0	0	—	4.2	38.8	18	0	00	8	00	0	0	0	—	5.5	29.2	49	0	164
Qena	00	9	24	2	0	0	—	2.8	42.4	21	0	00	6	24	1	0	0	—	4.0	34.0	23	0	156
Luxor	00	7	22	2	0	0	—	3.6	42.5	14	0	00	6	28	2	0	0	—	5.1	35.0	19	0	157
Aswân	00	9	24	4	0	0	—	2.6	41.7	13	0	00	9	02	1	0	0	—	4.3	37.3	14	0	158
Sîwa	00	8	30	2	0	0	—	8.0	39.3	19	0	00	—	00	0	0	0	—	8.2	34.1	33	0	145
Bahariya	00	9	00	0	0	0	—	5.9	36.4	32	0												149
Khârga	00	9	32	1	0	0	—	5.1	42.3	22	0	00	9	30	2	0	0	—	4.8	37.9	27	0	151
Dâkhla	00	9	28	2	0	0	—	5.1	40.3	20	0	00	8	08	1	0	0	—	6.4	32.0	19	0	152
Tôr																							145
Hurghâda	00	8	02	3	0	0	—	—	34.0	44	0	00	8	32	1	0	0	—	—	29.6	54	0	146
Quseir	00	8	32	2	0	0	—	3.9	35.2	46	0	00	8	32	1	0	0	—	3.9	31.0	51	0	147
Port Sûdân	40	3	08	4?	1	9	—	1	37	70													268
Wâdi Halfa	00	8	24	1	0	1	2	2	42	08													165
Kareima	00	8	18	2	0	3	2	3	40	17													166
Atbara	18	5	18	5	1	4	2,4	4	37	25													167
Khartûm	02	8	16	4	2	5	2,4,8	6	33	47													209
Kassala	01	8	18	3	1	3	8	5	33	50													170
Wad Medani	02	8	16	5	1	6		6	30	66													171
Renk	02	9	20	3	2	5	8	—	32	43													182
Roseires																							172
El Obeid	01	9	18	2	1	4	4,9	5	31	49													174
El Fâsher	01	9	16	3	1	4	4,8	—	32	41													175
Geneina	02	8	18	3	1	6	4,8	—	29	52													179
Kadugli	64	8	20	3	1	6	9	8	30	59													187
Malakâl	02	8	16	4	1	7	4,5,6	7	31	52													176
Wâu	01	8	16	3	1	5	8	7	29	59													177
Juba	02	8	02	1	1	5	2,4,8	9	29	66													178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

Upper winds on 25th

Matrûh 13h.	Mariut 13h.	Port Saîd 12h. 30m.	Almaza	Minya 12h. 30m.	Luxor	Hurghâda	Wâdi Halfa 13h. 15m.	Kareima 12h. 45m.	Khartûm 13h.	Kassala	El Obeid 13h.	Malakal 13h.	Juba 13h. 15m.
13 34 25	03 33 20	03 30 20		03 01 20			15 20 10	09 19 20	09 20 25		09 20 15	09 20 25	09 05 05
06 03 10	06 32 30	06 28 25		06 35 25			21 23 20	21 22 30	15 18 25		15 16 25	15 21 30	15 21 05
09 34 10	09 35 25	09 28 35		09 34 35			27 27 25	27 27 45	21 13 20		27 08 20	21 19 45	21 22 10
15 29 30	12 34 20	12 30 30		12 34 30			33 19 10	33 29 50	27 11 20			27 18 20	27 20 10
21 27 35		15 30 30		15 34 30			39 16 40	39 33 45	30 11 25			30 17 20	33 20 15
27 28 40		18 30 30		18 34 25									39 20 15
30 26 30		21 30 35		21 31 25									
45 25 35				24 33 15									
51 29 30				27 30 10									

Remarks

Hours are Egyptian standard time long 30°E and are two hours fast on Greenwich mean time.

Station	Mean humidity % on 25th	Diff from normal	Mean wet bulb on 25th	Diff from normal
Alexandria	74	-1	24.2	+1.1
[illegible]	64	+4	24.0	+1.5
Gîza	61	+1	23.1	+0.9
Helwân	59	+10	22.1	+1.6

Grass minimum temp. on 26th 17.9°

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading	Previous day Diff from normal
Jûba	26-7-1946	12.96	-0.67	12.87	-0.75
Nâsser		9.18	-0.20	9.15	-0.20
Malakâl		11.20	-0.28	11.20	-0.27
J. Aulia Res				375.09	
J. Aulia D.S				373.21	+0.09
Roseires		19.28	+1.92	18.95	+1.72
Sennar Res.		17.21		17.17	
Khartûm		13.82	+0.34	13.72	+0.38
Kh. el Girba				12.80	-0.53
Atbara		13.24	+0.57	13.28	+0.75
Kajnarti		137.85	+1.85	137.60	+1.80
Aswân Res.		101.50		102.22	
Aswân D.S		89.40	+1.80	89.14	+1.64
Roda (Cairo)		16.60	+0.76	16.56	+0.75

Discharges at Aswân measured by sluices m³ per sec.	Date	1946	1945
	26-7	4340	1852
	25-7	4051	1736

Cairo — Water temp. River Nile on 26th 28.0° C

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on Friday 26th — الساعة ٨ يوم الجمعة ٢٦

Region	Station	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar pressure M.S.L. 1000+ mbs. ppp	Diff from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm °C	Min. Today °C	Min. Diff from norm °C	Humidity %	Rainfall Past 24 hrs mms	Rainfall Total mms	Rainfall Normal mms
Mediterranean	Salûm												—		—				99
	Matrûh	01	9	28	3	0	4	8	10.3	+0.4	26.2	29	+1	22	0	84	0	101	161
	Mariut	00	7	27	2	0	0	—	9	—	27	29	—	24	—	70	0	187	138
	Alexandria	00	9	30	2	0	0	—	9.9	+0.4	27.0	31	+1	24	+1	69	0	170	186
	Damietta	00	8	28	2	0	0	—	8.6	+0.2	27.9	30	—	22	—	77	0	81	106
	Port Saîd	02	8	30	2	2	5	8	8.7	+0.9	28.2	32	+1	25	+1	69	0	71	81
	El 'Arîsh	01	9	28	2	1	5	3	8.6	0.0	29.2	32	+2	23	+2	72	0	—	94
Lower Egypt	Damanhûr	01	6	28	2	1	3	8	9.4	+0.5	27.6	33	0	22	+2	78	0	92	101
	Mansûra	00	8	14	1	4	0	—	9.2	+0.6	27.2	36	+1	20	-1	75	0	66	55
	Tanta	00	8	30	1	0	0	—	9.9	+0.7	27.0	34	-1	19	0	69	0	107	44
	Zagazig	00	6	32	2	0	0	—	10.0	+0.8	28.0	36	+1	21	+1	76	0	24	27
	Shebîn el Kôm	00	8	30	1	0	0	—	8.7	-0.5	28.9	38	—	21	—	67	0	36	
Middle Egypt	Cairo: Almaza	05	6	30	1	2	4	6	9.1	+0.2	23.7	38	—	22	—	91	0	10	
	Cairo: Ezbekîya	09	5	32	2	0	6	8	9.9	+1.0	26.8	38	+2	23	+1	75	0	22	26
	Cairo: Gîza	02	6	30	3	2	6	6	10.0	+1.2	26.1	38	+3	20	0	82	0	41	27
	Helwân	09	5	28	1	0	0	—	9.5	+0.6	24.9	37	+2	22	+1	84	0	20	29
	Suez	00	9	02	1	0	0	—	9.9	+1.7	27.2	39	+3	23	0	66	0	—	17
Upper Egypt	Faiyûm	00	8	30	2	0	0	—	9.4	+0.3	27.0	37	+2	23	+2	70	0	13	8
	Minya	00	9	30	2	0	0	—	7.8	-0.8	28.3	40	+3	22	0	56	0	dr.	—
	Asyût	00	9	00	0	0	0	—	8.8	+0.6	29.9	40	+3	24	+1	64	0	0	4
	Nag Hamâdi	00	8	00	0	0	0	—	8.3	+1.4	29.3	40	—	21	—	46	0	1	—
	Qena	00	8	24	1	0	0	—	7.0	+0.3	29.2	43	+3	23	-1	40	0	13	—
	Luxor												—					0	
	Aswân	00	9	32	2	0	0	—	7.4	+0.4	32.3	43	+2	28	+2	20	0	dr.	—
Western Desert	Sîwa	00	7	00	0	0	0	—	11.2	-0.4	26.2	40	+2	23	+2	82	0	5	8
	Baharîya																	0	7
	Khârga	00	9	32	4	0	0	—	8.3	+0.5	30.7					44	0	1	—
	Dâkhla	00	8	08	1	0	0	—	9.0	+0.6	33.0	42	+3	26	+3	19	0	0	—
Red Sea	Tôr																	0	13
	Hurghâda	00	8	30	2	0	0	—			30.8	35	0	25	0	44	0	1	3
	Quseir	00	8	32	1	0	0	—	5.8	-0.2	31.2	36	+2	28	+1	37	0	11	4
	Port Sûdân	00	7	22	1	0	3	3	5		37					45	0	36	101
North Sûdân	Wâdi Halfa	00	8	02	1	0	3	3	7		32					15	0	tr.	—
	Kareima	01	8	22	3	1	4		7		34					32	0	26	9
	'Atbara	02	8	20	3	1	5	1,4	8		31					55	0	30	25
	Khartûm	01	8	20	4	0	3	1,4	8		30					55	0	124	59
	Kassala	02	8	17	3	1	7	3,4	11		21					94	0	135	128
Central Sûdân	Wad Medani	01	9	16	4	1	4	1	—		26					77	0	252	162
	Renk	01	9	12	3	2	4	4	6		26		—		—	79	—	—	270
	Roseires	50	7	08	2	2	8	5,7	14		23					94	2	402	397
	El Obeid	02	8	20	3	1	6	4,5	10		26					77	2	204	151
	El Fâsher	01	9	14	2	1	4	4	—	—	26					62	0	91	112
	Geneina								—	—			—		—			—	213
	Kadugli	02	8	08	2	1	6	9	11		24		—		—	84	Rain	—	435
S. Sûdân	Malakâl	02	8	00	0	8	7	4,5	11		24					94	1	387	471
	Wâu	01	8	16	2	1	4	4	11		24					89	0	611	690
	Juba	02	8	08	1	1	8	6,5	14		22					94	0	806	704

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

Upper winds on 26th

Matrûh 06h. 30m.	Mariut 06h. 30m.	Port Saîd 06h. 30m.	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa 7h. 15m.	Abu Hamadi 7h.	Kareima 7h.	Khartûm 6h. 30m.
03 32 20	03 32 20	03 30 15						09 02 30	09 17 35	09 26 20	09 23 10
06 21 20	06 33 20	06 30 20						15 35 15	15 34 25	15 30 25	15 25 10
09 29 10	09 31 10	09 30 20						21 28 10	21 33 15	21 36 25	21 07 05
15 29 10	12 31 05	15 28 35						27 27 20	27 03 15	27 23 20	
21 28 10	15 30 10	18 22 10						33 27 15		33 04 20	
27 27 10	18 30 10	27 05 15						39 23 15		39 07 15	
30 27 20	21 30 10	30 29 10									
33 26 25	27 29 10	45 01 05									
	30 28 10										

Kassala	Port Sûdân 7h.	El Obeid 7h.	El Fâsher 7h.	Geneina	Malakal 6h. 45m.
	09 27 20	09 23 30	09 20 10		09 26 20
	15 31 25	15 22 15	15 18 15		15 23 20
	21 33 30	21 16 15	21 07 05		21 23 25
		27 16 15	27 03 35		27 23 20
		33 13 15	30 05 02		33 20 10
		39 09 45			

Cyprus synoptic obs. on 26th

34700 00890 16100 05322 20000 00210
34800 00890 26200 05282 40300 00230

Upper air temp. Almâza at 0500 G.M.T. on 26th

Height feet	ppp mb.		
Surface	1000	78	74
500	982	68	59
1000	964	74	62
1500	947	74	59
2000	930	74	57
4000	864	69	56
6000	801	58	49
8000	743	52	34
10000	688	51	32
12000	636	47	28
14000	588	39	26
16000	542	37	28

Wind force (F)

Calm 0; Almost calm; Very light; Light; Moderate; Fresh; Strong; Very strong; Gale; Strong gale

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

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 08; Distant fog 09; Rain in sight 10; Thunder, no rain 11; Distant duststorm 12; Squally; Slight duststorm 18; ... last hour 20-28; Slight thunderstorm 28; Heavy thunderstorm 29; Duststorm 30-34; Fog 40-49; Wet fog last hour 41; Fog in past hour; Drizzle 50-59; Rain 60-69; Rain and fog; 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; with duststorm; heavy, with hail 99

Past weather (W)

Clear, slight cloud 0; 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 amount (N)

Clear 0; Trace; 1 Tenth; 2-3 Tenths; 4-5-6 Tenths; 7-8 Tenths; 9 Tenths; Over 9 Tenths; Overcast; Fog or Dust

Cloud form (C)

Cirrus; Cirro-stratus; Cirro-cumulus; Alto-cumulus; Alto-stratus; ...; Cumulo-nimbus 8; Stratus 9

ANNUAL SUBSCRIPTION P.T. 150

CAIRO

Time of Sunrise h. 05 m. 11

Sunset h. 18 m. 52

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month *July* 1946 — شهر يوليه ١٩٤٦

At 14h. on 26th (٢٦ الساعة ١٤ بوقت) and At 20h. on Friday 26th (الجمعة ٢٦ الساعة ٢٠)

Station	14h Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8–14 mms	20h Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14–20 mms	Station number
Mediterranean																							
Salûm																							130
Matrûh	00	9	28	3	1	0	—	10.2	27.8	79	0	00	8	28	3	0	0	—	9.6	26.0	90	0	131
Mariut	00	7	29	3	0	0	—	9	29	66	0	00	7	31	2	0	0	—	9	26	79	0	150
Alexandria	00	9	32	3	0	0	—	9.5	29.4	61	0	00	5	02	2	0	0	—	9.2	26.6	72	0	132
Damietta	00	8	28	3	0	0	—	8.6	28.7	74	0	00	7	28	2	1	2	—	8.2	26.2	82	0	159
Port Sa'id	14	8	30	5	3	0	—	8.4	31.7	35	0												134
El 'Arîsh	00	9	28	4	0	0	—	8.2	29.0	65	0	00	9	28	1	0	0	—	8.2	26.1	84	0	135
Lower Egypt																							
Damanhûr	00	7	28	3	0	0	—	9.6	31.6	48	0	00	7	28	2	0	0	—	9.1	26.8	75	0	136
Mansûra	00	8	30	2	0	0	—	8.6	33.5	45	0	00	6	02	2	0	0	—	8.7	26.6	82	0	137
Tanta	00	8	24	3	0	0	—	8.6	34.1	46	0	00	8	00	0	0	0	—	9.0	26.4	76	0	138
Zagazig	00	6	24	2	0	0	—	8.4	34.5	41	0	00	6	24	2	0	0	—	9.2	27.0	71	0	139
Shebîn el Kôm	00	8	06	2	0	0	—	7.8	35.2	47	0	00	7	02	2	0	0	—	8.9	28.6	65	0	
Middle Egypt																							
Cairo Almaza	00	8	32	2	0	1	8	7.6	35.8	28	0	00	7	02	2	0	0	—	8.1	31.4	45	0	141
Cairo Ezbekîya	00	8	28	2	0	0	—	7.9	35.9	32	0	00	8	30	3	0	0	—	8.6	30.5	47	0	
Cairo Gîza	00	8	30	2	0	1	8	8.0	35.8	30	0	00	8	02	3	0	0	—	8.7	30.7	47	0	
Helwân	00	8	26	3	0	1	8	7.5	35.6	23	0	00	7	32	4	0	0	—	7.5	31.5	36	0	143
Suez	00	9	02	2	0	0	—	8.2	34.2	31	0	00	9	02	2	0	0	—	—	30.7	45		144
Upper Egypt																							
Faiyûm	00	8	30	1	0	0	—	7.5	36.4	26	0	00	8	32	1	0	0	—	6.6	32.6	36	0	153
Minya	00	9	32	2	0	0	—	5.5	36.0	29	0	00	9	00	0	0	0	—	7.0	34.0	32	0	154
Asyût	00	8	22	1	0	0	—	7.2	38.2	19	0	00	6	28	1	0	0	—	7.1	32.4	33	0	155
Nag' Hamâdi	00	8	00	0	0	0	—	5.9	38.2	17	0	00	8	00	0	0	0	—	6.4	30.4	38	0	164
Qena	00	9	26	2	0	0	—	4.3	41.6	17	0	00	6	24	1	0	0	—	5.0	35.8	21	0	156
Luxor	00	7	26	4	0	0	—	5.1	40.0	15	0	00	6	28	3	0	0	—	5.8	35.2	19	0	157
Aswân	00	9	32	4	0	0	—	4.0	42.2	08	0	00	9	32	3	0	0	—	5.5	37.2	12	0	158
Western Desert																							
Sîwa	00	8	00	0	0	0	—	10.8	37.0	39	0	00		00	0	0	0	—	8.4	33.0	48	0	148
Bahariya	00	9	32	1	0	0	—	—	35.0	42	0	00		32	1	0	0	—	—	27.5	54	0	149
Khârga	00	9	28	6	0	0	—	—	42.0	..	0	00	9	32	2	0	0	—	7.5	37.4	25	0	151
Dâkhla	00	9	32	1	0	0	—	5.8	40.5	20	0	00	7	28	1	0	0	—	8.8	32.0	20	0	152
Red Sea																							
Tôr																							145
Hurghâda												00	8	02	1	0	0	—		28.9	42	0	146
Quseir	00	8	32	2	0	0	—	5.0	34.0	51	0	00	8	32	2	0	0	—	5.1	31.0	50	0	147
Port Sûdân	01	8	06	4	1	3	8,4	3	38	53													169
North Sûdân																							
Wâdi Halfa	00	8	02	3	0	1	3	4	43	12													165
Kareima	00	8	30	3	0	0	—	4	43	15													166
'Atbara	01	8	32	3	1	3	8,4	3	40	24													167
Khartûm	01	8	16	4	1	4	8,5	6	37	33													168
Kassala	01	8	20	2	1	5	8	6	34	47													170
Central Sûdân																							
Wad Medani	01	8	16	4	1	4	8	6	33	47													171
Renk	01	9	18	3	1	4	9	—	33	47													182
Roseires	02	7	16	1	5	6	8	10	28	74													172
El Obeid	02	9	20	2	1	5	9,4,2	8	31	49													174
El Fâsher	01	9	10	3	1	4	8,4	—	33	34													175
Geneina	01	8	20	2	1	4	8	—	30	55													179
Kadugli	02	8	20	3	1	6	9	9	32	46													187
S. Sûdân																							
Malakâl	11	8	16	1	1	7	9,7	8	30	59													176
Wâu																							177
Juba	02	8	32	1	9	7	6,5	13	22	94													178

Upper Winds on 26th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh 13h 15m	Mariut	Port Sa'îd 12h 45m	Almâza	Minya	Luxor	Hurghâda	Wâdi Halfa 13h 15m	Kareima 12h 45m	Khartûm 13h	Kassala	El Obeid 13h	Malakal 13h	Juba 13h 15m
03 31 15		03 28 20					09 01 35	09 30 05	09 20 15		09 18 20	09 21 15	09 03 10
06 30 15		06 28 25					15 35 20	15 27 05	15 21 15		15 20 30	15 19 15	15 05 05
09 28 15		09 27 25					21 34 20	21 25 05	21 05 15		21 23 30	21 22 15	
15 28 25							27 33 30	27 02 10	24 03 10		27 27 15	27 21 15	
21 28 20							33 28 10					30 22 10	
30 27 30							39 25 30						
39 29 20													
45 27 30													
54 27 40													

Remarks

Hours are Egyptian standard time long 30° E and are two hours fast on Greenwich mean time.

Station	Mean of day: Humidity % on 26th	Diff from normal	Wet bulb temp. °C on 26th	Diff from normal
Alexandria	66	-7	23.3	+0.2
Ezbekîya	58	-2	23.2	+0.6
Gîza	60	0	23.1	+0.9
Helwân	57	+8	21.8	+1.2

Giza: Grass minimum temp. on 27th 18.4 °C

Cairo: Water temp. at 9h. River Nile on 27th 28.0 °C

Discharges at Aswân measured by sluices m³ per sec.	Date	1946	1945
	27.7	4340	1852
	26.7	4340	1852

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	27-7-46			12.96	-0.67
Nâsser				9.18	-0.20
Malakâl		11.24	-0.25	11.20	-0.28
J. Aulia Res.					
J. Aulia D.S.					
Roseires		18.85	+1.38	19.22	+1.92
Sennar Res.				17.21	
Khartûm				13.82	+0.34
Kh. el Girba					
'Atbara		13.32	+0.55	13.24	+0.57
Kajnarti				137.85	+1.85
Aswân Res.		100.80		101.50	
Aswân D.S.		89.39	+1.68	89.40	+1.80
Roda (Cairo)		16.63	+0.76	16.60	+0.76

At 8h. on Saturday 27th (السبت ٢٧ الساعة ٨ بوقت)

Station	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar pressure M.S.L. 1000+ mbs. PPP	Diff from normal mbs.	Temp. Dry bulb °C TTT	Maximum Yesterday °C	Max. Diff from norm °C	Minimum Today °C	Min. Diff from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Mediterranean																		
Salûm												—		—				99
Matrûh	00	9	28	3	0	0	—	9.6	-0.4	25.4	28	0	21	-1	90	0	101	161
Mariut	01	8	27	3	1	5	6	8		24	30	—	25	—	89	0	187	138
Alexandria	02	8	30	3	2	5	4	8.3	-1.2	26.6	31	+1	23	0	72	0	170	146
Damietta	01	7	20	3	1	4	8	7.6	-0.8	27.2	29	—	22	—	78	0	81	106
Port Sa'îd	01	8	30	3	1	4	6	8.0	+0.2	25.4	32	+1	25	+1	76	0	71	81
El 'Arîsh	00	9	20	1	0	0	—	7.8	-0.8	29.3	31	+1	22	+1	71	0		94
Lower Egypt																		
Damanhûr	01	7	28	3	1	3	8	8.3	-0.6	28.0	33	0	20	0	78	0	92	101
Mansûra	02	8	30	2	2	5	0	8.3	+0.3	26.2	35	0	21	0	77	0	66	55
Tanta	01	8	28	2	1	4	8	8.6	-0.6	26.4	35	0	20	0	77	0	107	44
Zagazig	01	6	24	2	1	4	8	7.5	-1.7	28.4	35	0	22	+2	69	0	24	27
Shebîn el Kôm	00	8	02	2	0	0	—	8.7	+0.5	28.6	36	—	21	—	66	0	36	
Middle Egypt																		
Cairo Almaza	01	7	28	1	0	4	6	8.7	-0.2	26.3	37	—	23	—	73	0	10	
Cairo Ezbekîya	00	7	32	1	1	2	8	9.0	+0.1	27.4	36	0	23	+1	64	0	22	26
Cairo Gîza	01	7	30	1	1	4	8	9.0	+0.2	27.2	36	+1	22	+2	70	0	41	27
Helwân	05	6	00	0	0	3	0	8.8	-0.2	26.7	36	+1	22	+1	71	0	20	27
Suez	00	9	02	1	0	0	—	9.0	+0.8	27.6	36	0	23	0	65	0	—	17
Upper Egypt																		
Faiyûm	00	8	32	2	0	0	—	8.8	-0.3	26.7	38	+1	23	+2	66	0	13	8
Minya	00	9	02	2	0	0	—	8.4	-0.2	29.7	39	+2	25	+3	59	0	dr	—
Asyût	00	7	20	1	0	0	—	8.3	+0.1	28.5	39	+2	23	0	49	0	0	4
Nag' Hamâdi	00	8	00	0	0	0	—	7.4	+0.5	30.2	39	—	21	—	49	0	1	—
Qena	00	8	22	2	0	0	—	7.0	+0.3	30.1	43	+3	23	-1	41	0	13	—
Luxor												—		—			0	
Aswân	00	9	00	0	0	0	—	7.0	0.0	33.4	43	+2	28	+2	23	0	dr	—
Western Desert																		
Sîwa	00	7	00	0	0	0	—	11.8	+0.2	25.0	38	0	21	0	88	0	5	8
Bahariya	00	9	00	0	0	0	—	—	—	28.5	37	0	20	0	49	0	0	7
Khârga	00	9	08	1	0	0	—	8.2	+0.4	31.7	42	+2	25	+2	39	0	1	—
Dâkhla	00	8	28	1	0	0	—	8.7	+0.3	32.0	41	+2	27	+4	20	0	0	
Red Sea																		
Tôr																	0	13
Hurghâda	00	8	30	3	0	0	—			30.8	37	+2	26	+1	52	0	1	3
Quseir	00	8	32	2	0	0	—	5.0	-1.0	32.6	36	+2	27	0	32	0	11	4
Port Sûdân	00	8	12	2	0	0	—	5		37					50		36	101
North Sûdân																		
Wâdi Halfa	00	8	00	0	0	0	—	8		33					16	0	tr	—
Kareima	00	8	20	2	0	0	—	6		32					41	0	26	9
'Atbara	00	7	20	2	0	0	—	6		33					41	0	30	25
Khartûm	00	8	20	4	0	0	—	8		30					55		124	60
Kassala	02	8	18	3	1	6	6	11		27					70	0	135	132
Central Sûdân																		
Wad Medani	00	9	18	5	0	3	3	12		25					84	0	252	167
Renk	01	9	20	3	2	5	4	12		24		—		—	84	—		274
Roseires	01	8	16	1	2	5	3			24					84	5	407	403
El Obeid	02	8	18	4	1	5	8,2	11		25					79	0	204	154
El Fâsher	01	9	16	2	1	4	4	—	—	26					89	0	91	117
Geneina	06	6	00	0	0	4	8,1	—	—	22		—		—	94			220
Kadugli	02	8	20	2	1	5	9	13		24		—		—	74	—		440
S. Sûdân																		
Malakâl	03	8	18	2	1	8	4,5,1	14		24					89	47	434	477
Wâu	01	8	22	3	1	4	8	12		22					74	7	618	696
Juba	02	8	16	1	1	6	8,4,2	14		23					94	39	645	701

Upper Winds on 27th (الرياح العليا)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh	Mariut 6h 45m	Port Sa'îd 6h 30m	Helwân 9h	Minya 6h 30m	Asyût 7h	Luxor 7h 15m	Aswân	Wâdi Halfa 7h 15m	Abu Hamad 7h	Kareima 7h 15m	Khartûm 6h
	03 30 25	03 27 30	02 34 20	03 01 30	02 31 05	03 33 10		09 03 40	09 02 40	09 07 15	09 27 35
	06 31 30	06 28 25	05 34 30	06 36 50	05 36 10	09		15 34 20	15 03 30	15 35 15	15 29 30
	09 31 30		08 33 15	09 34 20	10 35 20	09 32 25		21 29 20	21 34 10	21 33 10	21 27 10
	15 30 05		10 34 20	12 32 20	15 34 15	15 32 30		27 28 30	27 30 10	27 31 15	24 27 15
			15 31 30	15 32 30		18 31 55			33 29 10	33 31 15	30 06 25
			20 30 40	18 28 20							39 09 40
			23 30 30	21 27 30							
			25 30 30	24 31 10							
			30 28 25								

Kassala	Port Sûdân 7h	El Obeid 7h	El Fâsher 7h	Geneina 7h	Malakal 7h
	09 21 25	09 19 45	09 12 15	09 15 05	09 22 30
	15 29 20	15 20 20	15 17 15	15 14 15	15 22 30
	21 29 35	21 09 20	21 12 15	21 12 20	21 21 20
	27 30 25	27 10 20		27 07 35	27 24 15
	33 31 30	33 09 35		33 05 40	33 09 15
	39 34 —	39 11 20		39 04 40	39 15 15

On 27th:

34716 00871 10201 05282 10001 00190

34800 00990 02100 04292 14803 00810.

Upper air temp. Almâza at 6h G.M.T. on 27th

Height feet	PPP in.b.	TT °	
Surface	1022	83	78
500	952	72	69
1000	964	70	67
1500	947	67	66
2000	930	67	65
4000	864	66	53
6000	801	59	41
8000	743	60	37
10000	688	54	35
12000	636	51	31
14000	588	44	30
16000	542	37	27

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

Wind direction on Beaufort scale e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

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	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	13
Slight Duststorm	13
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or thick Haze	40-49
Mod. Fog in past 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
" 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 Amount (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

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ANNUAL SUBSCRIPTION P.T. 150

CAIRO

Time of Sunrise 5h 07m

Sunset 18h 51m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month July 1946 — شهر يوليو ١٩٤٦

At 14h. on Saturday 27th — At 20h. on — السبت ٢٧

Station	14h Present Weather ww	Visibility V	Wind Dir. dd	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. ppp	Temp. °C TTT	% Humidity UU	Rain 8-14 mms	20h Present Weather ww	Visibility V	Wind Dir. dd	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. ppp	Temp. °C TTT	Humidity UU	Rain 14-20 mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	30	3	0	0	–	9.6	28.0	85	0	00	8	28	2	0	0	–	9.1	25.8	85		131
MARIUT	05	6	27	4	0	1	8	8	27	66	0	00	7	28	3	0	1	6	7	26	74	0	150
ALEXANDRIA	01	8	28	5	2	3	4	8.2	29.0	64	0	02	5	28	5	2	5	4	7.4	26.6	72	0	132
DAMIETTA	01	8	28	4	2	4	2	6.3	29.8	73	0	01	7	28	4	1	4	8	6.2	26.4	89	0	159
PORT SAʿÎD	01	8	28	4	2	4	8	6.8	31.8	82	0	14	8	26	5	3?	5	6	5.8	26.8	69	0	134
EL ʿARÎSH	00	9	28	4	0	0	–	7.0	30.1	53	0	00	9	30	2	1	3	3	6.2	26.7	75	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	28	4	0	0	–	7.9	31.8	58	0	00	7	28	3	0	0	–	8.2	25.2	75	0	136
MANSÛRA	01	8	32	3	1	3	8	7.0	33.2	49	0	00	6	28	2	1	0	–	6.7	26.8	77	0	137
TANTA	01	8	28	3	1	3	8	7.0	34.0	45	0	00	8	32	1	0	0	–	7.0	25.6	79	0	138
ZAGAZIG	01	6	24	2	1	4	8	7.5	33.2	45	0	00	6	24	2	0	0	–	6.6	27.9	67	0	139
SHEBÎN EL KÔM	00	8	26	2	0	0	–	6.8	36.2	36	0	00	8	02	2	0	0	–	7.1	28.6	58	0	—
MIDDLE EGYPT																							
CAIRO ALMAZA	00	8	30	3	0	0	–	6.9	34.2	26	0	00	7	30	1	0	0	–	6.6	29.5	51	0	141
CAIRO EZBEKÎYA	00	8	28	2	0	0	–	7.4	35.2	32	0	00	8	30	2	0	0	–	7.0	30.0	47	0	—
CAIRO GÎZA	00	8	30	5	0	0	–	7.2	35.2	27	0	00	8	30	1	0	0	–	7.2	28.6	53	0	—
HELWÂN	00	8	30	3	0	0	–	6.7	33.9	25	0	05	6	28	3	0	0	–	6.3	29.9	42	0	143
SUEZ	00	9	30	2	0	0	–	6.4	35.1	29	0	00	9	30	2	0	0	–	6.0	29.5	48		144
UPPER EGYPT																							
FAIYÛM	00	8	32	1	0	0	–		34.2	24	0	00	8	32	2	0	0	–	6.4	31.1	35	0	153
MINYA	00	9	32	3	0	0	–	6.8	37.6	23	0	00	9	00	0	0	0	–	6.3	31.7	34	0	154
ASYÛT	00	8	26	1	0	0	–	7.1	36.1	31	0												155
NAG HAMÂDI	00	8	00	0	0	0	–	5.5	37.8	18	0	00	8	00	0	0	0	–	5.6	29.7	37	0	164
QENA	00	9	22	3	0	0	–	5.0	41.0	21	0	00	6	22	2	0	0	–	4.6	33.8	28	0	156
LUXOR	00	7	30	3	0	0	–	5.9	41.0	08	0	00	6	28	3	0	0	–	5.1	34.7	24	0	157
ASWÂN	00	9	30	4	0	0	–	3.6	41.8	08	0	00	9	30	3	0	0	–	4.2	37.2	14	0	158
WESTERN DESERT																							
SÎWA	00	8	28	4	0	0	–	11.2	33.2	49	0	00	–	00	0	0	0	–	9.2	33.0	55	0	148
BAHARÎYA												00		32	1	0	0	–	—	27.0	56	0	149
KHÂRGA	00	9	32	3	0	0	–	6.6	40.0	25	0	00		32	1	0	0	–	6.7	—	27	0	151
DAKHLA	00	9	28	1	0	0	–	7.1	39.0	17	0	00	7	28	2	0	0	–	9.1	31.0	21	0	152
RED SEA																							
TÔR																							145
HURGHADA	00	8	32	3	0	0	–	—	34.8	41	0	00	8	28	2	0	0	–		27.4	36	0	146
QUSEIR	00	8	02	1	0	0	–	5.4	33.0	56	0	00	8	02	2	0	0	–	5.0	30.2	46	0	147
PORT SUDAN	00	8	06	4	0	1	8	3	36	59													208
NORTH SUDAN																							
WÂDI HALFA	00	8	02	3	0	0	–	3	43	07													165
KAREIMA	01	8	04	1	0	3	4	4	42	14													166
ATBARA	01	7	22	3	0	3	8,4	4	42	17													167
KHARTÛM	01	8	20	3	1	5	8	6	37	35													208
KASSALA	02	8	22	2	1	5	8,4,1	6	33	53													170
CENTRAL SUDAN																							
WAD MEDANI	01	8	18	4	0	3	8	6	34	41													171
RENK	01	8	23	1	1	4	8	—	32	50													182
ROSEIRES	01	8	17	2	1	3	3	9	30	59													179
EL OBEID	10	9	20	4	1	5	9	8	32	43													174
EL FÂSHER																							175
GENEINA																							179
KADUGLI	01	8	20	3	1	4	9	9	32	43													187
SOUTH SUDAN																							
MALAKAL	01	8	16	2	1	5	8,4	10	31	55													178
WAU	01	8	20	3	1	5	8	10	29	52													177
JUBA	01	8	28	2	1	5	6,5	11	30	59													178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

Upper Winds on 27th — ٢٧

MATRÛH 12h 45m	PORT SAʿÎD 12h 45m	WÂDI HALFA 13h 15m	KAREIMA 12h 45m	KHARTÛM 13h	EL OBEID 13h	MALAKAL 13h	JUBA 12h 45m
03 31 30	03 30 30	09 02 25	09 00 00	09 22 20	09 24 35	09 19 15	09 05 05
06 32 30	06 29 25	15 35 25	15 05 10	15 24 30	15 19 10	15 19 15	15 07 10
09 33 25	09 27 30	21 30 30	21 09 15	21 30 20	21 18 30	21 22 15	21 08 10
15 32 20	12 28 40	27 31 40	27 08 10	24 32 45			27 09 10
21 32 25	15 29 40	33 29 35	33 07 15	30 04 25			33 11 10
30 32 20	18 30 35	39 24 20	39 01 10	39 08 40			39 10 15
45 35 30							

(Columns MARIUT, ALMAZA, MINYA, LUXOR, HURGHADA, KASSALA: no entries.)

Upper Winds on 28th — الأحد ٢٨

MATRÛH 7h	MARIUT 6h 30m	ASYÛT 7h	LUXOR 7h	ASWÂN 7h	[illegible] 7h 30m	[illegible] 7h 15m	[illegible] 6h
03 30 35	03 30 20	02 32 10	03 32 10	02 34 14	09 09 10	09 28 30	09 23 30
06 32 35	06 30 20	05 35 20	06 35 30	05 34 15	15 03 30	15 31 45	15 24 15
09 34 30	09 30 25	10 32 30	09 33 35	10 33 25	21 01 20		21 35 30
15 34 30	12 29 30	15 32 30	12 33 30	15 31 40	27 33 20		24 35 40
21 34 30	15 29 40		15 32 40	20 29 45	39 31 30		30 34 50
30 31 20	18 29 40		18 31 60	25 29 10			
45 31 40	21 28 50						

PORT SÛDÂN 7h	EL OBEID 7h 30m	MALAKAL 7h 15m
09 28 10	09 21 20	09 23 10
15 30 30	15 15 30	15 23 15
	21 12 35	21 23 15
	27 13 35	27 24 10
	33 07 40	33 30 20

(Columns PORT SAʿÎD, HELWÂN, MINYA, KASSALA, EL FÂSHER, GENEINA: no entries.)

At 8h. on Sunday 28th — الساعة ٨ الأحد ٢٨

Station	Present Weather ww	Visibility V	Wind Dir. dd	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm.	Min. Today °C	Min. Diff. from norm.	% Humidity	Rain Past 24 hrs mms	Total from 1 Oct. mms	Normal from 1 Oct. mms
MEDITERRANEAN																		
SALÛM											—		—					99
MATRÛH	00	9	28	3	0	0	–	7.1	-2.9	26.0	29	+1	21	-1	78	0	101	168
MARIUT	01	7	26	3	0	3	6	6		27	30	—	25	—	70	0	187	128
ALEXANDRIA	02	9	26	4	2	5	8	6.0	-3.5	27.0	30	0	24	+1	66	0	170	186
DAMIETTA	02	7	26	1	1	5	6	4.7	-3.7	27.2	30	—	24	—	83	0	81	106
PORT SAʿÎD	02	8	22	3	2	6	8	5.0	-2.8	28.4	33	+1	25	+1	70	0	71	81
EL ʿARÎSH	01	9	22	1	1	5	3	4.7	-3.9	29.9	31	0	23	+2	63	0	-	94
LOWER EGYPT																		
DAMANHÛR	01	7	32	3	1	4	8	6.4	-2.5	27.7	33	0	22	+2	82	0	92	101
MANSÛRA	01	8	02	1	2	5	8	—	—	27.0	34	-1	25	+4	69	0	66	55
TANTA	01	8	28	1	1	4	8	6.2	-3.1	26.4	34	-1	22	+2	76	0	107	44
ZAGAZIG	02	6	24	2	2	5	8	6.4	-2.8	26.8	35	0	24	+4	72	0	24	27
SHEBÎN EL KÔM	01	8	30	2	2	4	8	5.9	-3.3	28.2	37	—	22	—	48	0	36	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	28	1	1	4	6	6.0	-2.9	25.3	36	~~2.9~~	24	—	74	0	10	—
CAIRO EZBEKÎYA	05	6	26	2	1	3	8	6.2	-2.7	26.8	36	0	24	+2	69	0	22	46
CAIRO GÎZA	01	8	30	2	1	4	8	6.6	-2.2	26.8	36	+1	23	+3	68	0	41	37
HELWÂN	05	6	28	1	0	3	8	6.3	-2.7	24.7	35	0	23	+2	71	0	20	29
SUEZ	01	9	30	2	1	4	1	6.3	-1.9	27.9	36	0	23	0	60	0	—	17
UPPER EGYPT																		
FAIYÛM	01	8	32	2	1	5	8	6.7	-2.4	25.1	36	-1	22	+1	75	0	13	8
MINYA	00	9	32	2	0	0	–	6.6	-2.0	29.4	38	+1	23	+1	57	0	do.	—
ASYÛT	00	7	22	1	0	0	–	7.1	-1.1	27.5	37	0	21	-2	55	0	0	4
NAG HAMÂDI	00	8	00	0	0	0	–	6.0	-0.9	29.6	38	—	19	—	45	0	1	—
QENA	00	8	26	2	0	0	–	5.1	-1.6	29.2	42	+2	21	-3	40	0	13	—
LUXOR	00	7	28	2	0	0	–	5.6	-0.9	33.0	42	+4	24	+4	25	0	0	—
ASWÂN	00	9	32	2	0	0	–	5.9	-1.1	31.7	43	+2	28	+2	24	0	do.	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	–	10.0	-1.6	25.6	37	-1	20	-1	87	0	6	8
BAHARÎYA	00	9	32	1	0	0	–	—	—	28.5	39	+2	19	-1	43	0	0	7
KHÂRGA	00	9	00	0	0	0	–	7.6	-0.2	29.3	41	+1	24	+1	51	0	1	—
DÂKHLA	00	8	28	2	0	0	–	8.3	-0.1	29.0	41	+2	24	+1	22	0	0	—
RED SEA																		
TÔR																	0	13
HURGHÂDA	00	8	30	3	0	0	–			30.6	35	0	23†	-2	53	0	1	3
QUSEIR	00	8	32	2	0	0	–	3.2	-2.8	32.0	35	+1	28	+1	41	0	11	4
PORT SÛDÂN	00	8	06	2	0	0	–	3		36					60	0	36	101
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	1		2	1	6		32					22	0	tr.	—
KAREIMA	05	6	22	3	0	0	–	6		33					36	0	26	10
ATBARA	18	6	20	5	0	2	1	6		31					46	0	30	25
KHARTÛM	01	8	20	4	1	4	3	8		28					58	0	124	62
KASSALA	01	8	18	3	1	4	6	10		26					70	0	135	135
CENTRAL SÛDÂN																		
WAD MEDANI	02	9	20	4	1	7	1	9		27					70	0	252	172
RENK	02		20	3	2	5	7,5	—		26		—		—	79	—	—	278
ROSEIRES	02	8	14	1	5	5	3	12		24					94	5	412	409
EL OBEID	02	9	28	3	6	7	4,5	10		23					84	7	211	158
EL FÂSHER								—	—							0	91	122
GENEINA								—	—							—	—	227
KADUGLI	02	8	12	2	1	6	9	12		24					65		—	445
SOUTH SÛDÂN																		
MALAKÂL	02	8	00	0	8	8	4,5	12		25					74	tr.	434	483
WÂU	01	8	00	0	1	4	4	13		23					84	0	618	702
JUBA	02	8	16	2	1	8	4	14		24					84	0	845	712

Upper Air Temp. Almâza at 6h G.M.T. on 28th

Height Feet	P.P.P m.b.	TT °F	
Surface	996	76	71
500	978	71	67
1000	961	69	67
1500	943	66	65
2000	929	70	60
4000	860	68	51
6000	798	58	44
8000	740	60	38
10000	685	57	35
12000	633	50	30
14000	585	42	30
16000	540	36	26

CYPRUS SYNOPTIC 8h. ON 28th

34710 06981 08201 02292 10000

34800 0099[illegible] 30400 03291 70403 0023[illegible]

REMARKS

Hours are Egyptian standard time, long. 30° E and are two hours fast on Greenwich mean time.

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	28-7	4340	1852
	27-7	4340	1852

Mean of day

Station	Humidity % on 27th	Diff from normal	Wet Bulb Temp °C on 27th	Diff from normal
Alexandria	70	-5	23.3	+0.2
Ezbekiya	53	-7	22.6	0.0
Gîza	58	-2	22.4	+0.2
Helwân	53	+4	21.2	+0.6

GÎZA — GRASS MINIMUM TEMP. ON 28th 19.5°C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 28th 28.0°C

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba				12.93	-0.70
Nâsser				9.22	-0.18
Malakâl		11.24	-0.27	11.24	-0.25
J. Aulia Res.				375.32	
J. Aulia D.S				373.35	+0.02
Roseires		19.45	+1.55	18.85	+1.38
Sennar Res.		,		17.19	
Khartûm		14.18	+0.50	13.98	+0.40
Kh. el Girba				12.65	-0.79
ʿAtbara		13.48	+0.56	13.32	+0.55
Kajnarti				138.44	+2.26
Aswân Res.		100.30		100.80	
Aswân D.S		89.39	+1.52	89.39	+1.68
Roda (Cairo)		16.68	+0.75	16.63	+0.76

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	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

WIND FORCE (F)

	km.p.h.	
Calm	0-1	0
Almost calm	2-3	1
Very light	4-12	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.

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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Time of Sunrise h. 05 m. 11 — Sunset h. 16 m. 51

Month *July* 1946 — ١٩٤٦ شهر يوليه

At 14h. on 28th (الساعة ١٤ يوم ٢٨) and At 20h. on Sunday 28th (الساعة ٢٠ يوم الأحد ٢٨)

Station	14h Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 8-14 mms	20h Present Weather (ww)	Visibility	Wind Dir.	Wind Force	Past Weather	Cloud Amount	Cloud Form	Bar Press M.S.L. 1000+ mbs.	Temp. °C	% Humidity	Rain 14-20 mms	Station Number
MEDITERRANEAN Salûm																							130
Matrûh	00	9	28	4	0	0	—	6.6	27.6	81	0	00	8	30	3	0	0	—	6.3	26.2	89	0	131
Mariut	01	7	26	4	1	4	6	5	30	66	0	00	7	29	3	1	2	6	4	26	84	0	150
Alexandria	01	9	24	4	2	4	4	4.6	29.0	64	0	01	—	28	3	2	3	4	4.8	25.6	82	0	132
Damietta	00	8	26	2	1	0	—	4.3	29.5	64	0	00	7	28	2	1	2	8	4.0	26.3	86	0	159
Port Saïd	00	8	28	4	0	0	—	4.0	30.2	66	0	01	8	28	3	1	4	8	4.0	26.4	79	0	134
El 'Arîsh	00	9	28	4	0	0	—	4.2	30.1	62	0	00	9	30	3	0	0	—	3.6	26.9	79	0	135
LOWER EGYPT Damanhûr	01	7	28	4	1	3	8	5.2	31.4	63	0	01	7	28	3	1	3	8	4.6	26.2	82	0	136
Mansûra	01	8	28	2	1	3	8	4.6	33.0	—	0	00	6	32	1	1	0	—	3.8	27.6	70	0	137
Tanta	00	8	24	2	0	0	—	4.2	32.6	48	0	00	8	28	1	0	0	—	4.4	26.5	71	0	138
Zagazig	00	6	24	2	0	0	—	4.3	33.8	42	0	00	6	24	2	0	0	—	5.2	27.5	70	0	139
Shebîn el Kôm	00	8	32	2	0	0	—	3.5	36.2	39	0	00	8	30	2	0	0	—	3.9	28.2	78	0	—
MIDDLE EGYPT Cairo Almaza	00	8	30	3	0	0	—	3.7	34.0	26	0	00	7	30	2	0	0	—	3.9	30.6	46	0	141
Cairo Ezbekîya	00	8	28	2	0	0	—	4.7	34.0	31	0	00	7	24	1	0	0	—	5.0	31.8	51	0	—
Cairo Gîza	00	8	28	3	0	0	—	4.7	34.8	27	0	00	8	30	1	0	0	—	4.8	29.0	53	0	—
Helwan	00	8	26	1	0	0	—	3.8	33.1	29	0	00	7	28	3	0	0	—	4.2	30.2	40	0	143
Suez	00	9	30	2	0	0	—	3.9	35.7	25	0	00	7	30	2	0	0	—	—	30.4	42	0	144
UPPER EGYPT Faiyum	00	8	30	2	0	0	—	4.4	33.1	32	0	00	8	32	1	0	0	—	3.4	30.6	41	0	153
Minya	00	9	30	3	0	0	—	5.9	36.1	28	0	00	9	00	0	0	0	—	4.7	31.7	32	0	154
Asyût	00	8	28	2	0	0	—	5.8	35.1	24	0	00	6	26	1	0	0	—	5.1	30.0	30	0	155
Nag Hamadi	00	8	24	1	0	0	—	3.9	35.4	31	0	00	8	00	0	0	0	—	4.2	28.6	41	0	164
Qena	00	9	22	2	0	0	—	2.7	38.1	19	0	00	6	24	1	0	0	—	3.2	30.4	40	0	156
Luxor	00	7	26	3	0	0	—	3.6	38.0	23	0	00	6	23	2	0	0	—	4.3	33.0	25	0	157
Aswan	00	9	30	4	0	0	—	2.7	40.0	09	0	00	9	26	2	0	0	—	3.2	36.0	13	0	158
WESTERN DESERT Sîwa	00	8	28	2	0	0	—	9.1	35.0	42	0	00	—	00	0	0	0	—	7.4	31.6	58	0	148
Baharîya	00	9	00	0	0	0	—	—	35.0	37	0	00	—	00	0	0	0	—	—	27.0	56	0	149
Khârga	00	9	30	2	0	0	—	4.7	37.2	28	0	00	9	32	1	0	0	—	4.4	—	—	0	151
Dakhla	00	9	26	1	0	0	—	5.7	34.5	18	0	00	7	28	2	0	0	—	6.8	29.0	23	0	152
RED SEA Tôr																							145
Hurghada	00	8	02	3	0	0	—	—	33.2	44	0	00	8	28	2	0	0	—		28.3	42	0	146
Quseir	00	8	32	1	0	0	—	—	33.0	55	0	00	8	32	1	0	0	0	2.8	31.2	56	0	147
Port Sûdân	00	8	04	4	0	1	8	2	37	74													169
NORTH SÛDÂN Wâdi Halfa	00	8	30	3	0	0	—	3	42	12													165
Kareima	05	7	22	2	0	0	—	3	42	14													166
Atbara	05	6	24	3	0	0	—	1	42	14													167
Khartûm	01	8	20	4	1	3	8	5	36	35													168
Kassala	02	8	20	3	1	6	64	6	33	47													170
CENTRAL SÛDÂN Wad Medani	01	7	16	3	1	5	5	—	27	70													171
Renk	01	9	16	3	1	5	8	—	31	49													182
Roseires	02	7	16	1	2	6	6	—	29	70													172
El Obeid	02	9	20	4	1	7	84	7	30	49													174
El Fâsher	10	9	14	2	1	6	65	9	29	59													175
Geneina	02	8	20	3	1	5	84	12	28	45													179
Kadugli	02	8	20	4	1	6	9	9	31	49													187
S. SÛDÂN Malakal	97	3	18	3	9	6	9	11	24	23													176
Wâu	02	8	24	1	1	5	8	8	30	59													177
Juba	02	8	04	2	1	7	9.5	10	30	66													178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 28th (٢٨)

Matrûh 13h.	Wâdi Halfa 13h.	Kareima 12h. 45m.	Khartûm 13h.	El Obeid 13h. 30m.	Malakal 13h.	Juba 13h.
03 32 10	09 34 10	09 27 20	09 25 30	09 25 20	09 20 20	09 36 10
06 32 40	15 30 25	15 27 25	15 25 25	15 27 55	15 27 30	15 02 05
07 32 35	21 28 35	21 26 30	21 32 20	21 27 40	18 30 05	21 34 05
15 31 25	27 28 30	27 33 30	24 34 20	27 27 20		27 03 05
21 34 15	33 28 35		30 05 45	33 06 10		33 03 24
27 32 30	39 31 50		39 05 45			37 06 24
30 30 25						
37 31 30						
45 34 46						

(Columns for Mariut, Port Saïd, Almâza, Minya, Luxor, Hurghâda and Kassala are empty.)

Remarks

Hours are Egyptian standard time, long. 30° E and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 28th	Diff from normal	Wet bulb temp °C on 28th	Diff from normal
Alexandria	82	+7	23.3	+0.1
Ezbekîya	57	-3	22.7	+0.3
Gîza	56	-5	22.1	-0.2
Helwân	53	+4	21.0	+0.4

GÎZA — Grass minimum temp. on 27th 19.4 °C

CAIRO — Water temp. river Nile at 9h. on 29th 28.3 °C

Discharges at Aswân measured by sluices m³ per sec.		
Date	1946	1945
29-7	4030	1852
28-7	4040	1852

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	29-7-46				
Nâsser				9.24	-0.18
Malakâl		11.26	-0.26	11.24	-0.27
J. Aulia Res.				375.39	
J. Aulia D.S				373.53	+0.10
Roseires		19.30	+1.58	19.15	+1.55
Sennar Res.				17.20	
Khartûm		14.48	+0.69	14.18	+0.50
Kh. el Girba				13.40	+0.10
'Atbara		13.59	+0.64	13.45	+0.56
Kajnarti				138.77	+2.41
Aswân Res.		122.20		120.30	
Aswân D.S		8.60	+1.60	8.39	+1.52
Roda (Cairo)		16.67	+0.75	16.65	+0.75

Printed by the Survey of Egypt, 1945. (45/306)

At 8h. on Monday 29th (الساعة ٨ يوم الاثنين ٢٩)

Station	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Dry Bulb °C (TTT)	Max. Yesterday °C (MM)	Diff. from norm. °C	Min. Today °C (mm)	Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
MEDITERRANEAN Salûm												—		—				97
Matrûh	00	9	28	4	0	0	—	5.4	-4.6	27.0	28	0	22	0	81	0	101	161
Mariut	01	7	28	2	1	4	6	5		28	30	—	24	—	70	0	187	136
Alexandria	01	9	28	2	2	4	8	5.2	-4.3	27.4	30	0	24	+1	72	0	170	186
Damietta	00	7	28	1	1	2	8	4.4	-4.0	28.0	30	—	22	—	77	0	807	106
Port Saïd	01	8	28	2	1	4	6	4.3	-3.6	28.0	32	0	24	0	72	0	71	81
El 'Arîsh	01	9	22	1	1	3	8	4.3	-4.3	29.7	31	0	23	+2	60	0	—	94
LOWER EGYPT Damanhûr	01	7	28	3	1	4	8	4.8	-4.2	27.7	33	0	21	+1	80	0	72	101
Mansûra	01	8	18	1	1	4	8	4.6	-4.0	27.8	35	0	22	+1	77	0	66	55
Tanta	01	8	28	2	2	4	8	5.2	-4.1	27.3	33	-2	22	+2	77	0	107	44
Zagazig	01	6	20	1	1	5	8	5.5	-3.7	27.8	34	-1	22	+2	73	0	24	27
Shebîn el Kôm	01	8	02	2	1	4	8	4.4	-4.8	29.2	36	—	24	—	60	0	36	—
MIDDLE EGYPT Cairo Almaza	02	7	26	1	2	6	6	5.2	-3.7	27.0	36	—	24	—	69	0	10	—
Cairo Ezbekîya	05	6	22	1	2	6	8	5.8	-3.1	27.0	36	0	24	+2	67	0	22	26
Cairo Gîza	02	8	26	3	1	6	6	5.8	-3.0	27.4	37	+2	23	+3	67	0	41	27
Helwân	02	7	00	0	2	6	8	5.4	-3.6	25.8	35	0	23	+2	70	0	20	29
Suez	00	9	24	1	0	0	—	5.1	-3.1	28.4	37	+1	24	+1	56	0	—	17
UPPER EGYPT Faiyûm	02	8	30	1	2	5	8	5.6	-3.6	27.1	36	-1	23	+2	69	0	13	8
Minya	00	9	32	2	0	0	—	5.4	-3.2	27.3	37	0	22	0	60	0	[illegible]	—
Asyût	00	7	26	1	0	0	—	5.1	-3.1	28.0	36	-1	22	-1	53	0	0	4
Nag Hamâdi	00	8	00	0	0	0	—	5.6	-1.3	27.4	38	—	19	—	45	0	1	—
Qena	00	8	28	2	0	0	—	4.3	-2.4	33.2	40	0	20	-4	34	0	13	—
Luxor	00	7	28	1	0	0	—	6.2	-1.3	33.0	39	[illegible]	20	[illegible]	25	0	0	—
Aswân	00	9	00	0	0	0	—	5.2	-1.8	31.7	41	0	26	0	27	0	[illegible]	
WESTERN DESERT Sîwa	00	7	00	0	0	0	—	8.8	-2.8	25.1	37	-1	17	-2	71	0	5	8
Baharîya	00	9	00	0	0	0	—	5.3	-4.6	29.2	37	0	20	0	51	0	0	7
Khârga	00	9	02	1	0	0	—	7.0	-0.8	28.5	39	-1	25	+2	39	0	1	—
Dâkhla	00	8	28	1	0	0	—	7.2	-1.2	30.0	37	0	24	+1	21	0	0	—
RED SEA Tôr																	0	13
Hurghâda	00	8	30	3	0	0	—			31.4	34	-1	25	0	45	0	1	3
Quseir	00	8	28	1	0	0	—	4.0	-2.0	33.6	35	+1	27	0	28	0	11	4
Port Sûdân	05	4	20	5	0	3	1	4		36					57	0	36	101
NORTH SÛDÂN Wâdi Halfa	00	8	02	1	0	0	—	5		32					24	0	6	—
Kareima	00	8	18	1	0	3	2	5		34					41	0	26	10
'Atbara	02	7	20	4	1	5	2	6		31					49	0	30	26
Khartûm	02	6	25	5	1	6	84	9		27					66	0	124	64
Kassala	02	8	16	3	1	6	64	11		25					70	0	135	138
CENTRAL SÛDÂN Wad Medani	02	7	18	4	1	5	3	10		24					84	2	254	177
Renk	02	8	16	3	1	6	7,5	—		23		—		—	84	—		282
Roseires	02	8	16	1	6	7	8	13		22					94	13	425	415
El Obeid	01	8	16	4	8	8	67	12		24					74	2	213	161
El Fâsher	01	9	24	1	1	4	4	—	—	25					[illegible]	0		127
Geneina								—	—			—		—				234
Kadugli	02	8	28	2	1	7	8	13		22		—		—	83	—		450
S. SÛDÂN Malakâl	22	8	20	2	6	8	6.5	15		22					94	14	448	490
Wâu																5	623	709
Juba	02	8	30	1	6	8	6.5	14		22					94	17	862	716

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 29th (الرياح العليا يوم ٢٩)

Matrûh 6h. 30m.	Port Saïd 06h. 30m.	Helwân 9h. 15m.	Minya 7h. 30m.	Asyût 7h.	Luxor 7h. 45m.	Aswân 7h.	Wâdi Halfa 07 30	Abu Hamad 7	Kareima 7	Khartûm 06 30
03 30 30	03 30 15	02 29 20	03 01 15	08 32 15	03 30 05	02 32 05	07 02 15	07 05 20	09 06 20	09 22 40
06 32 30	06 33 10	05 27 20	06 34 15	05 32 18	06 30 25	05 35 20	16 28 20	15 02 15	15 05 15	15 28 20
09 33 40	09 33 10	08 28 15	09 31 34	10 33 15	09 31 25	10 34 20	21 22 15	21 31 05	21 06 10	21 32 10
15 35 50		10 28 15	12 31 35	15 33 24	12 30 25	15 29 25	27 21 15	27 29 20	24 04 05	27 15 10
21 36 40		15 29 15	15 31 40	20 31 25	15 31 25	20 28 45	33 23 15	33 29 25	33 32 05	30 13 10
27 35 30		20 26 15	18 30 40		18 31 30	25 27 45	37 26 15	39 30 30	37 32 05	
30 34 25		21 30 20	21 30 40		21 31 30	30 28 40				
		25 30 25	24 32 20		24 30 25	35 18 30				
		30 31 15	27 33 10		27 29 20					

Kassala 7h.	Port Sûdân 7h.	El Obeid	El Fâsher	Geneina	Malakal
09 20 45	03 34 35				
15 22 30	09 27 20				
21 22 55	15 02 10				
27 25 25					

Upper Air Temp — Almâza at 05 30 G.M.T. on 29th

Height feet	PPP in b.	TT	
Surface	996	78	72
500	978	71	68
1000	961	67.5	67
1500	943	67	66
2000	926	65	65
4000	860	66	52
6000	798	50	46
8000	740	55	38
10000	685	55.5	34
12000	633	48	29
14000	585	40.5	29
16000	540	36	27

CYPRUS SYNOPTIC 8h. ON 29th

34800 00990 30300 02201 70101 02231

34700 00990 08200 02271 90002 00280

ANNUAL SUBSCRIPTION P.T. 150

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	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
…	…

CLOUD (N)

Clear	0
…	…
…	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
…	…
…	…
Over 9 Tenths	7
Overcast	8
Fog or Dust	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)

	Km.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

CAIRO Time of Sunrise h. m. 05 12
Sunset h. m. 18 50

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month July 1946 — شهر يوليو ١٩٤٦

At 14h. on Monday 29th (الساعة ١٤ يوم ٢٩) — At 20h. on 29th (الساعة ٢٠ يوم الاثنين ٢٩)

Station	14h Present weather ww	Visibility V	Wind Dir. dd	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar press M.S.L. 1000+ mbs. ppp	Temp. °C TTT	% Humidity UU	Rain 8-14 mms	20h Present weather ww	Visibility V	Wind Dir. dd	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar press M.S.L. 1000+ mbs. ppp	Temp. °C TTT	% Humidity UU	Rain 14-20 mms	Station number
Mediterranean																							
SALUM																							130
MATRÛH	00	9	28	4	0	0	—	6.4	27.8	80	0	00	8	28	2	0	0	—	6.0	26.0	78	0	131
MARIUT	00	8	27	3	1	1	8	5	30	62	0	00	7	28	2	0	2	6	5	26	84	0	150
ALEXANDRIA	01	9	28	3	2	4	8	5.0	29.4	60	0	01	6	32	2	2	3	8	5.1	26.4	73	0	132
DAMIETTA	00	8	28	3	0	0	—	3.8	29.9	64	0	00	7	28	2	0	0	—	3.9	26.2	87	0	159
PORT SA'ÎD	00	8	30	2	0	0	—	3.8	31.3	63	0	00	8	30	2	0	0	—	4.3	27.0	67	0	134
EL 'ARÎSH	00	9	28	4	0	0	—	3.5	29.5	59	0	00	9	30	2	0	0	—	4.0	26.7	71		135
Lower Egypt																							
DAMANHÛR	03	7	28	4	1	3	5	4.4	32.3	59	0	00	7	28	2	1	0	—	4.8	26.8	83	0	136
MANSÛRA	01	8	02	1	1	4	8	3.9	34.0	40	0	00	6	32	1	1	0	—	4.3	27.5	64	0	137
TANTA	01	8	24	5	1	3	8	3.9	33.6	42	0	01	8	32	1	1	4	8	5.2	26.5	67	0	138
ZAGAZIG	00	6	02	2	0	2	8	3.8	33.8	42	0	00	6	32	2	0	0	—	5.2	28.5	63	0	139
SHEBÎN EL KÔM	01	8	28	2	1	3	8	4.1	35.4	43	0	00	7	30	2	0	0	—	3.9	28.1	65	0	—
Middle Egypt																							
CAIRO ALMAZA	00	8	26	2	0	2	8	3.5	34.1	35	0	00	7	02	2	0	0	—	3.9	30.7	51	0	141
CAIRO EZBEKÎYA	00	8	28	2	0	2	8	4.3	34.2	39	0	00	7	30	2	0	0	—	4.8	31.0	52	0	—
CAIRO GÎZA	00	8	30	3	0	1	8	4.2	34.7	18	0	00	8	30	2	0	0	—	4.7	30.0	51	0	—
HELWÂN	00	9	26	2	0	1	8	3.4	33.0	31	0	00	6	30	3	0	0	—	3.6	31.0	42	0	143
SUEZ	00	9	02	1	0	0	—	3.5	32.3	29	0	00	9	00	0	0	0	—	4.2	30.8	41		144
Upper Egypt																							
FAIYÛM	00	8	30	1	0	0	-	3.9	33.0	39	0												153
MINYA	00	9	32	3	0	0	—	4.3	36.8	27	0	00	9	32	1	0	0	—	4.4	31.6	40	0	154
ASYÛT	00	8	28	1	0	0	—	5.1	34.9	25	0	00	6	26	1	0	0	—	5.0	30.8	33	0	155
NAG HAMÂDI	00	8	24	1	0	0	—	3.5	36.0	28	0	00	8	00	0	0	0	—	4.0	29.6	42	0	164
QENA	00	9	22	2	0	0	—	1.9	38.8	21	0	00	6	33	2	0	0	—	3.7	32.6	31	0	156
LUXOR	00	7	30	2	0	0	—	3.0	38.5	22	0	00	6	28	2	0	0	—	3.5	33.[illegible]	25	0	157
ASWÂN	00	9	26	1	0	0	—	2.3	38.0	12	0	00	9	00	0	0	0	—	3.5	34.0	22	0	158
Western Desert																							
SÎWA	00	8	28	3	0	0	—	8.2	35.0	46	0	00		00	0	0	0	—	8.0	31.7	62	0	148
BAHARÎYA	00	9	00	0	0	0	—	—	36.0	33	0	00		00	0	0	0	—	—	27.0	63	0	149
KHÂRGA	00	9	30	1	0	0	—	5.8	37.0	22	0	00		32	1	0	0		4.2	—	—	0	151
DAKHLA	00	9	28	1	0	0	—	5.6	38.0	18	0	00	7	28	2	0	0	—	7.6?	29.0	23	0	152
Red Sea																							
TÔR																							145
HURGHÂDA	00	8	02	3	0	0	—		34.1	29	0	00	8	00	0	0	0	—		26.7	54	0	146
QUSEIR	00	8	32	2	0	0	—	2.7	33.3	64	0	00	8	18	1	0	0	—	5.0	29.6	60	0	147
PORT SÛDÂN	01	8	30	3	0	3	8	0	43	49	0												169
North Sûdân																							
WÂDI HALFA	00	8	23	3	0	0	—	3	41	13													165
KAREIMA	02	8	28	1	1	7	8,2	2	42	14													166
'ATBARA	33	8	20	5	3	9	-	3	37	29													167
KHARTÛM	18	5	18	4	3	4	2	6	34	53													168
KASSALA	02	8	20	3	1	8	8,4,2	6	32	43													170
Central Sûdân																							
WAD MEDANI	01	8	18	5	1	4	3	7	33	41													171
RENK	01	9	18	3	1	4	4	—	28	66													182
ROSEIRES	02	8	18	2	2	5	8	—	27	77													172
EL OBEID	02	9	20	3	1	8	4,5	7	26	70													174
EL FÂSHER	10	9	20	2	1	6	8,4	6	34	32													175
GENEINA																							179
KADUGLI	02	8	20	3	6	7	9	0	26	66													187
South Sûdân																							
MALAKAL	02	8	18	3	1	7	4	10	27	74													176
WÂU	51	8	16	3	1	6	8,4,5	12	25	70													177
JUBA	02	8	24	1	1	7	8,4,5	12	27	66													178

At 8h. on Tuesday 30th (الساعة ٨ يوم الثلاثاء ٣٠)

Station	Present weather ww	Visibility V	Wind Dir. dd	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar pressure M.S.L. 1000+ mbs. ppp	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Mediterranean																		
SALÛM												—		—				99
MATRÛH	00	9	28	2	0	0	—	7.6	-2.4	27.0	29	+1	20	-2	79	0	101	161
MARIUT	00	7	28	2	0	0	—	6		27	30	—	24	—	70	0	127	138
ALEXANDRIA	00	9	32	2	0	0	—	5.9	-3.6	26.6	30	0	24	+1	74	0	170	186
DAMIETTA	01	7	18	1	1	3	8	5.5	-2.9	27.9	31	—	22	—	78	0	81	106
PORT SA'ÎD	01	8	18	3	1	4	6	5.5	-2.4	27.2	32	0	25	+1	74	0	71	81
EL 'ARÎSH	00	9	16	2	0	0	—	5.5	-3.1	31.1	32	+1	21	0	55	0	—	94
Lower Egypt																		
DAMANHÛR	01	6	04	2	1	4	8	5.9	-2.1	27.0	34	+1	22	+2	77	0	92	101
MANSÛRA	01	8	02	1	1	4	8	5.6	-3.0	27.2	36	+1	22	+1	69	0	66	55
TANTA	01	8	00	0	1	4	8	6.4?	-2.9	26.5	34	-1	21	+1	77	0	107	44
ZAGAZIG	01	6	22	1	1	3	8	7.0	-2.2	28.6	34	-1	22	+2	68	0	24	27
SHEBÎN EL KÔM	01	8	22	1	1	5	8	5.5	-3.7	26.3	36	—	23	—	77	0	36	—
Middle Egypt																		
CAIRO ALMAZA	00	7	28	1	1	0	—	6.0	-2.9	25.6	36	—	23	—	72	0	10	—
CAIRO EZBEKÎYA	05	7	24	1	0	0	—	6.8	-2.1	26.6	35	-1	23	+1	68	0	22	26
CAIRO GÎZA	00	8	26	2	0	0	—	6.6	-2.2	27.1	36	+1	22	+2	67	0	41	27
HELWÂN	05	6	00	0	0	0	—	6.3	-2.7	24.9	34	-1	22	+1	70	0	20	29
SUEZ	00	9	02	1	0	0	—	6.3	-1.9	28.3	38	+2	24	+1	62	0	-	17
Upper Egypt																		
FAIYÛM	00	8	00	0	0	0	—	6.6	-2.6	26.8	36	-1	23	+2	63	0	13	8
MINYA	00	9	32	2	0	0	—	6.4	-2.2	27.5	37	0	21	-1	54	0	dr	—
ASYÛT	00	7	22	1	0	0	—	6.7	-1.5	28.3	36	-1	23	0	48	0	0	4
NAG HAMÂDI	00	8	00	0	0	0	—	6.4	-0.5	29.3	37	—	20	—	46	0	1	—
QENA	00	8	22	2	0	0	—	5.2	-1.6	33.0	41	+1	22	-2	34	0	13	—
LUXOR												—		—			0	—
ASWÂN	00	9	28	1	0	0	—	5.2	-1.8	32.0	40	-1	25	-1	19	0	dr	
Western Desert																		
SÎWA	00	7	00	0	0	0	—	9.1	-2.5	25.2	37	-1	20	-1	85	0	5	8
BAHARÎYA	00	9	00	0	0	0	—	—	—	29.5	38	+1	20	0	49	0	0	7
KHÂRGA	00	9	00	0	0	0	—	7.6	-0.3	27.9	38	-2	22	-1	42	0	1	—
DÂKHLA	00	8	24	1	0	0	—	7.2	-1.2	30.0	38	-1	24	+1	21	0	0	—
Red Sea																		
TÔR																	0	13
HURGHÂDA	00	8	30	2	0	0				30.4	35	0	23	-2	48	0	1	3
QUSEIR	00	8	28	1	0	0	—	3.1	-2.9	32.3	35	+1	22	+1	40	0	11	4
PORT SÛDÂN																	36	101
North Sûdân																		
WÂDI HALFA	00	8	00	0	0	0	—	6		29					22	0	tr	—
KAREIMA	33	8	20	5	3	3	2	7		31					52	0	26	10
'ATBARA	01	8	18	3	1	5		8		26					66	35	65	26
KHARTÛM	02	8	18	3	2	5	8,4,1	9		26					79		124	66
KASSALA																	135	140
Central Sûdân																		
WAD MEDANI	02	9	16	5	1	7	8	11		26					70	0	254	182
RENK	02	8	18	3	2	8	4,5	—		23		—		—	89	—	-	286
ROSEIRES	02	8	18	3	2	5	6	15		23					84	0	425	421
EL OBEID	02	9	16	4	1	7	6	11		24					79	0	213	165
EL FÂSHER								—	—								91	132
GENEINA	02	5	20	2	1	5	6,4	—	—	20		—		—	88	0	-	241
KADUGLI	02	7	16	2	6	7	8	13		22		—		—	69	—	-	455
South Sûdân																		
MALAKÂL	52	8	10	1	6	8	6,5	15		22					94	13	461	496
WÂU																		716
JUBA	61	8	00	0	6	8	6,5	16		22					94	2	864	721

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 29th (الرياح العليا يوم ٢٩)

MATRÛH 13h 15m	MARIUT 13h	PORT SA'ÎD 12h 30m	ALMÂZA	MINYA	LUXOR 12h 30m	HURGHÂDA	WÂDI HALFA 13h 15m	KAREIMA 12h 45m	KHARTÛM 14h	KASSALA 12h 45m	EL OBEID 18h	MALAKAL 18h	JUBA 13h
03 31 40	03 29 18	03 30 15			03 31 10		09 30 20	09 00 00	06 22 15	09 20 20	09 19 30	09 24 30	09 33 15
06 32 40	06 26 20	06 27 15			06 30 10		15 32 20	15 26 05	09 23 15	15 23 30	15 21 35	15 25 40	15 23 20
09 32 25	09 26 15	09 28 15			09 30 15		21 28 20	21 24 05		18 24 40	21 16 10	21 36 30	21 36 30
12 34 25	15	12 29 20			12 32 20		27 28 65				27 03 15	27 21 35	27 02 20
15 33 25		15 30 20			15 29 15		33 29 70				33 35 20	33 26 20	33 03 25
21 32 25		18 30 20									36 02 15	39 30 15	39 02 15

UPPER WINDS ON 30th (الرياح العليا يوم ٣٠)

MATRÛH 6h	MARIUT 6h 30m	[crossed out] 9h	HELWÂN	MINYA	ASYÛT 7h	LUXOR 7h 30m	ASWÂN 7h	WÂDI HALFA 7h 30m	ABU HAMAD 7h	KAREIMA	KHARTÛM 7h 30m
03 33 25	03 34 20	02 35 05			02 26 15	03 35 10	05 36 25	09 05 10	09 24 30		09 19 50
06 33 25	06 33 15	05 27 05			05 02 20	06 35 10	10 24 10	15 34 20	15 29 10		15 20 50
09 34 30	09 27 05	08 34 05			10 01 15	09 34 15	15 23 10	21 28 20			21 24 20
15 35 25	12 28 05	10 36 10				15 32 10	20 21 15	27 29 40			24 22 15
21 32 15	15 24 05	15 36 10					25 20 20	33 26 30			
30 31 15	18 31 05	20 31 20					30 20 15	39 29 15			
45 28 40	24 28 20	25 33 15					35 22 15				
60 36 -	30 29 20	30 29 15					40 24 05				
	36 25 25	35 28 20					45 25 10				

KASSALA	PORT SÛDÂN	EL OBEID 7h	EL FÂSHER	GENEINA 7h 30m	MALAKAL
		09 21 30		09 25 15	
		15 22 20		15 23 30	
				21 20 05	
				27 04 05	
				33 06 35	

UPPER AIR TEMP. ALMÂZA AT 2h G.M.T. ON 30.7

HEIGHT feet	P.P.P m.b.	TT °c	td °c
Surface	996	78	73
500	978	71	68
1000	961	68	66
1500	943	70	60
2000	926	71	56
4000	860	64	51
6000	798	62	40
8000	740	56	36
10000	685	53	32
12000	633	46	28
14000	585	41	28
16000	540	36	27

CYPRUS SYNOPTIC 8h. ON 30.7

34710 00971 28101 03301 90001 00210
34812 00971 28202 03291 90302 00220

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time.

Station	Mean of day Humidity % on 29th	Diff from normal	Wet bulb temp °c on 29th	Diff from normal
Alexandria	70	-5	23.5	+0.3
Ezbekîya	57	-3	22.4	+0.8
Gîza	54	-7	21.7	-0.6
Helwân	53	+3	21.0	+1.2

GÎZA — GRASS MINIMUM TEMP. ON 30th 17.8 °c

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON 30th 28.3 °c

Discharges at Aswân measured by sluices m³ per sec. Date	1946	1945
30.7	5093	1852
29.7	4630	1852

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	30-7-1946	—	—	12.96	+0.09
Nâsser		—	—	9.27	-0.17
Malakâl		11.32	-0.22	11.26	-0.26
J. Aulia Res.		—	—	375.69	—
J. Aulia D.S		—	—	373.70	+0.16
Roseires		19.36	+1.36	19.30	+1.58
Sennar Res.		—	—	17.17	—
Khartûm		14.58	+0.60	14.48	+0.69
Kh. el Girba		—	—	—	—
'Atbara		13.94	+0.87	13.59	+0.64
Kajnarti		—	—	138.82	+2.27
Aswân Res.		99.72	—	100.20	—
Aswân D.S		90.01	+1.87	89.60	+1.60
Roda (Cairo)		16.81	+0.87	16.67	+0.75

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	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
[illegible]	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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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ANNUAL SUBSCRIPTION P.T. 150

DAILY WEATHER REPORT

Time of Sunrise 05 h. 13 m. Sunset 18 h. 49 m.

Month July 1946 — شهر يولية ١٩٤٦

At 14h. on 30th / At 20h. on Tuesday 30th

Station	14h ww	V	Dir.	Force	W	N	C	Bar M.S.L. 1000+ mbs.	Temp. °C	% Humidity	Rain 8-14 mms	20h ww	V	Dir.	Force	W	N	C	Bar M.S.L. 1000+ mbs.	Temp. °C	% Humidity	Rain 14-20 mms	Station Number
Mediterranean																							
Salûm																							130
Matrûh	00	9	32	3	0	0	—	7.5	28.6	52	0	00	8	30	1	0	0	—	8.8	26.0	62	0	131
Mariut	00	7	30	3	0	1	8	7	30	62	0	00	7	03	2	0	0	—	8	26	70	0	150
Alexandria	00	9	33	3	0	0	—	7.5	30.0	55	0	00	6	04	2	0	0	—	9.0	26.0	69	0	132
Damietta	01	7	28	2	1	3	8	6.0	30.0	77	0	00	7	28	2	1	0	—	7.8	26.0	88	0	159
Port Sa'îd	00	8	30	3	0	2	8	6.2	32.4	59	0	00	7	30	2	0	2	8	7.6	26.8	83	0	134
El 'Arîsh												00	9	32	3	0	0	—	7.6	26.9	77	0	135
Lower Egypt																							
Damanhûr	01	6	28	4	1	3	8	6.4	35.0	40	0	00	7	32	2	0	0	—	6.0	26.4	78	0	136
Mansûra	01	8	32	2	1	4	8	6.2	34.2	34	0	00	6	02	2	1	0	—	8.0	26.6	71	0	137
Tanta	01	8	24	3	1	3	8	5.6	34.2	42	0	00	8	28	1	0	0	—	8.2	26.0	69	0	138
Zagazig	00	6	24	2	0	0	—	5.8	34.2	34	0	00	6	24	2	0	0	—	8.7	27.8	71	0	139
Shebîn el Kôm	00	8	30	2	0	1	8	5.4	35.9	31	0	00	7	02	2	0	0	—	7.0	28.8	57	0	—
Middle Egypt																							
Cairo (Almâza)	00	8	28	2	0	0	—	5.6	33.8	27	0	00	7	04	4	0	0	—	7.2	30.8	57	0	141
Cairo (Ezbekîya)	00	8	32	1	0	0	—	6.2	34.0	31	0	00	6	32	4	0	0	—	8.3	31.0	48	0	—
Cairo (Gîza)	00	8	28	2	0	0	—	5.9	34.2	31	0	00	8	32	3	0	0	—	8.3	29.5	50	0	—
Helwân	00	8	30	1	0	0	—	5.4	33.4	25	0	00	6	30	1	0	0	—	6.7	31.3	28	0	143
Suez	00	9	16	1	0	0	—	5.2	33.8	38	0	00	9	30	1	0	0	—	6.1	31.4	39	0	144
Upper Egypt																							
Faiyûm	00	8	30	1	0	0	—	5.9	33.4	40	0	00	8	30	1	0	0	—	6.6	30.0	47	0	153
Minya	00	9	30	3	0	0	—	5.9	35.4	27	0	00	9	00	0	0	0	—	7.0	32.2	34	0	154
Asyût	00	8	20	1	0	0	—	5.5	35.8	18	0	00	6	32	1	0	0	—	6.7	29.2	36	0	155
Nag' Hamâdi	00	8	00	0	0	0	—	5.0	36.7	22	0	00	8	00	0	0	0	—	6.3	27.8	55	0	164
Qena	00	9	22	2	0	0	—	4.7	37.0	22	0	00	6	22	2	0	0	—	5.2	32.0	35	0	156
Luxor												00	6	28	2	0	0	—	5.9	31.7	30	0	157
Aswân	00	9	26	2	0	0	—	4.3	39.2	14	0	00	9	00	0	0	0	—	6.6	35.0	16	0	158
Western Desert																							
Sîwa	00	8	28	3	0	0	—	8.7	35.3	49	0	00	—	00	0	0	0	—	8.4	34.0	56	0	148
Baharîya																							149
Khârga	00	9	28	1	0	0	—	5.1	36.1	25	0	00	9	32	1	0	0	—	6.0	34.2	33	0	151
Dakhla	00	9	24	1	0	0	—	5.9	37.5	19	0	00	9	28	2	0	0	—	7.8	29.0	23	0	152
Red Sea																							
Tôr																							145
Hurghâda	00	8	06	2	0	0	—	—	32.4	50	0	00	8	12	1	0	0	—		28.4	61	0	146
Quseir	00	8	32	2	0	0	—	5.0	34.0	56	0												147
Port Sûdân	02	8	22	3	1	5	8	3	42	49													169
North Sûdân																							
Wâdi Halfa	00	8	32	1	0	1	1	4	39	16													165
Kareima	05	7	20	3	0	0	—	4	40	17													166
'Atbara	18	6	18	5	1	5	8,4	6	34	44													167
Khartûm	02	8	20	4	2	6	8,4	8	33	44													168
Kassala	02	8	20	3	1	5	8,1	8	32	50													170
Central Sûdân																							
Wad Medani	02	8	18	5	1	7	8	8	33	41													171
Renk	02	8	20	3	2	5	8	7	28	66													182
Roseires	01	8	17	3	2	4	8	—	27	70													172
El Obeid	61	8	20	3	1	8	6,9	10	22	94													174
El Fâsher																							175
Geneina																							179
Kadugli	02	8	20	3	6	6	9	11	27	70													187
S. Sûdân																							
Malakâl	02	8	20	2	8	7	9,4	12	27	79													176
Wâu	03	8	18	2	6	8	6	12	24	74													177
Juba	02	8	12	2	6	7	6	13	25	70													178

Upper Winds on 30th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

Matrûh 13h	Mariut	Port Sa'îd 12h 30m	Almâza	Minya	Luxor	Hurghâda	Wâdi Halfa 13h 15m	Kareima 14h	Khartûm 13h	Kassala	El Obeid	Malakal 13h	Juba 13h
03 35 20		03 26 15					09 30 05	09 23 20	09 21 15			09 17 40	09 14 08
06 32 15		06 20 05					15 28 05	15 29 15	15 24 15			15 20 35	15 17 20
09 27 15		09 27 08					21 39 15	21 25 15				21 30 30	
15 26 20		12 34 05					27 29 28	27 25 25				27 20 38	
21 30 20		15 34 08					30 27 25	33 27 20				33 23 30	
		18 01 05					36 25 35	39 28 20					
		21 36 15											
		27 36 20											
		30 36 20											

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time.

Discharges at Aswân measured by sluices m³ per sec.	1946	1945
31-7	5093	1852
30-7	5093	1852

Mean of day

Station	Humidity % on 30th	Diff from normal	Wet bulb temp. °C on 30th	Diff from normal
Alexandria	69	-6	22.9	-0.3
Ezbekiya	65	-5	22.5	-0.1
Gîza	54	-7	22.3	0.0
Helwân	46	-4	20.2	-0.4

Gîza — Grass minimum temp. on 31st: 18.2 °C

Cairo — Water temp. River Nile at 8h. on 31st: 28.2 °C

Gauges

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	31-7-46			13.03	-0.12
Nâsser				9.34	-0.12
Malakâl		11.36	-0.20	11.32	-0.22
J. Aulia Res.				375.60	
J. Aulia D.S				373.36	+0.30
Roseires		21.28	+3.20	19.56	+1.66
Sennar Res.				17.18	
Khartûm		14.70	+0.65	14.56	+0.64
Kh. el Girba					
'Atbara				13.94	+0.87
Kajnarti				131.67	+1.90
Aswân Res.		99.00		97.72	
Aswân D.S		90.06	+1.79	90.01	+1.87
Roda (Cairo)		16.92	+0.95	16.81	+1.07

At 8h. on Wednesday 31st — الساعة ٨ يوم الاربعاء ٣١

Station	ww	V	Dir.	Force	W	N	C	Bar M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb °C	Max. Yesterday °C	Diff. from norm.	Min. Today °C	Diff. from norm.	% Humidity	Rain past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Mediterranean																		
Salûm												—		—				99
Matrûh	00	9	30	1	0	0	—	9.8	-0.2	26.6	29	+1	20	-2	74	0	101	161
Mariut	01	8	00	0	0	3	2	11		29	30	—	21	—	62	0	187	138
Alexandria	01	9	00	0	1	4	8	11.0	+1.5	27.2	30	0	23	0	65	0	170	186
Damietta	01	8	16	1	1	3	8	10.4	+1.7	29.0	33	—	23	—	78	0	81	106
Port Sa'îd	00	8	12	2	0	2	—	10.6	+2.6	28.0	33	+1	25	+1	77	0	71	81
El 'Arîsh	00	9	12	1	0	0	—	10.4	+1.8	31.3	32	+1	21	0	53	0	—	94
Lower Egypt																		
Damanhûr	01	6	04	2	1	4	8	10.6	+1.5	26.3	35	+2	20	0	77	0	72	101
Mansûra	00	8	08	2	0	0	—	10.6	+1.9	29.0	36	+1	22	+1	69	0	66	55
Tanta	00	8	12	1	0	0	—	10.7	+1.4	27.4	35	0	19	-1	76	0	107	44
Zagazig	00	6	04	2	0	0	—	10.4	+1.2	29.2	35	0	21	+1	71	0	24	27
Shebîn el Kôm	00	8	06	1	0	0	—	9.6	+0.9	27.8	37	—	21	—	72	0	36	—
Middle Egypt																		
Cairo (Almaza)	05	6	08	1	0	0	—	9.4	+0.5	30.2	36	—	24	—	55	0	10	—
Cairo (Ezbekîya)	05	6	02	1	0	0	—	10.3	+1.4	28.2	36	0	23	+1	68	0	22	26
Cairo (Gîza)	00	6	30	2	0	0	—	10.3	+1.5	27.6	36	+1	21	+1	74	0	41	27
Helwân	00	7	00	0	0	0	—	9.8	+0.8	28.0	35	0	23	+2	54	0	20	29
Suez	00	9	00	0	0	0	—	10.8	+2.6	29.3	36	0	24	+1	51	0	—	17
Upper Egypt																		
Faiyûm	00	8	00	0	0	0	—	9.6	+0.4	29.4	36	-1	23	+2	62	0	13	8
Minya	00	9	30	2	0	0	—	—	—	27.9	38	+1	21	-1	50	0	tr	—
Asyût	00	7	30	1	0	0	—	9.8	+1.6	29.5	37	0	22	-1	37	0	0	4
Nag' Hamâdi	00	8	00	0	0	0	—	9.6	+2.7	31.0	37	—	19	—	41	0	1	—
Qena	01	8	24	2	0	3	1	—	—	28.0	40	0	26	+2	63	0	13	—
Luxor	00	7	28	1	0	0	—	9.2	+2.6	33.0	41	0	23	0	21	0	0	—
Aswân	00	9	32	1	0	0	—	8.7	+1.7	32.8	41	0	27	+1	23	0	tr	
Western Desert																		
Sîwa	00	7	00	0	0	0	—	12.0	+0.4	28.4	37	-1	21	0	79	0	5	8
Baharîya																	0	7
Khârga	00	9	04	1	0	0	—	8.6	+0.7	29.6	39	-1	23	0	37	0	1	—
Dâkhla	00	8	28	2	0	0	—	10.4	+1.9	31.0	37	0	24	+1	17	0	0	—
Red Sea																		
Tôr																	0	13
Hurghâda	00	8	30	2	0	0	—			29.6	35	0	23	-2	62	0	1	3
Quseir	00	8	30	1	0	0	—	5.6	-0.5	31.6	35	+1	28	+1	40	0	11	4
Port Sûdân	01	8	22	4	1	3	1	8		36					40	1	37	101
North Sûdân																		
Wâdi Halfa	01	8	00	0	1	4	1	9		28					29	0	tr	—
Kareima	02	8	18	3	1	5	4	9		29					52	0	26	10
'Atbara	18	6	18	4	1	4	4	10		31					62	0	65	26
Khartûm	01	8	18	3	1	3	4	12		28					66	0	124	68
Kassala	61	8	18	4	6	7	9	13		22					83	55	190	143
Central Sûdân																		
Wad Medani	01	9	16	5	1	3	3	14		26					70	0	254	187
Renk	02	8	18	3	2	6	8	[illegible]		23		—		—	94	—		270
Roseires	02	8	14	1	1	7	8	[illegible]		23					94	0	425	427
El Obeid	02	9	16	4	1	6	6,6	13		24					84	4	217	168
El Fâsher	21	8	29	2	9	6	9	—	—	21					94	8	99	137
Geneina	02	8	32	2	8	6	4	—	—	20		—		—	83	tr		248
Kadugli	02	8	16	3	6	7	9	14		23					84	—		460
S. Sûdân																		
Malakâl	02	9	14	2	1	6	6,4	15		23					69	tr	461	502
Wâu	01	8	16	1	1	4	6,4	14		22					88	14	637	723
Juba	02	8	15	1	4	6	6,4	16		22					94	1	865	725

Upper Winds on 31st — الرياح العليا يوم ٣١

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

Matrûh 06h 45m	Mariut	Cairo 10h 15m	Helwân 8h 52m	Minya	Asyût 7h	Luxor 7h	Aswân 7h	Wâdi Halfa 7h 15m	Abu Hamad	Kareima 17h 15m	Khartûm 6h
03 30 10		02 29 02	02 30 15		02 03 15	03 34 10	02 35 10	09 05 20	09 22 30	09 22 20	09 21 15
06 33 10		05 08 02	05 05 05		05 01 20	06 01 15	05 03 35	15 35 05	15 29 35	15 22 20	15 20 10
09 05 05		10 02 10	10 20 02		10 33 15	09 35 30	10 03 15	21 17 15	21 19 15	21 10 20	21 18 05
15 06 15		15 18 05	15 24 05		15 33 10	12 20 10	15 20 05	27 20 30	27 13 15	24 10 05	24 0 05
21 09 15		20 25 30	20 25 20		20 22 10	15 17 15	20 21 20		30 16 15	27 24 05	30 07 08
30 06 05		25 24 40	25 23 15		25 16 25	18 18 15	25 22 50			30 27 10	
45 25 25		30 18 20	30 18 20			21 18 15				33 31 10	
57 24 58		40 22 30	35 21 20			24 08 30				39 31 10	
		45 23 30				30 04 10					

Kassala 6h 45m	Port Sûdân 7h	El Obeid 7h	El Fâsher 7h	Geneina 7h	Malakal 7h
09 18 40	09 28 30	09 21 35	09 28 20	09 22 20	09 20 20
15 19 20	15 29 25	15 22 30	18 29 20	15 03 05	15 21 30
21 23 20	21 39 20	18 23 15	21 20 20	21 11 10	21 21 30
	27 02 15			27 10 15	27 20 30
				33 10 20	33 20 30
				39 10 20	39 20 30

Upper Air Temp. Almâza at 05 30 G.M.T. on 31st

Height feet	P.P.P m.b.	T.T °F	t.t °F
Surface	1000	82	74
500	982	82	65.5
1000	964	81	63
1500	947	78.5	64.5
2000	930	76	61
4000	864	66	53
6000	801	57.5	47
8000	743	55.5	36
10000	688	51	32
12000	636	46	28
14000	588	40.5	27
16000	542	36	26.5

Cyprus Synoptic 8h. on 31st

34810 00851 08201 09282 30207 00210

34900 00890 14800 07292 30004 00200

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 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

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.

Cloud Amount (N)

- Overcast 8
- Fog or Dust 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 8
- Stratus 0

ANNUAL SUBSCRIPTION P.T. 150

Printed by the Survey of Egypt, 1945 (45/306)

DAILY WEATHER REPORT

Sunset h. 18 m. 49 — Month *July* 1946 — شهر اغسطس ١٩٤٦

At 14h. on 31st (الساعة ١٤ يوم ٣١) and At 20h. on Wednesday 31st (الساعة ٢٠ يوم الأربعاء ٣١)

Station	14h Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Press. M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 8-14h mms	20h Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Press. M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	32	2	0	0	–	11.2	28.0	70	0	00	8	32	2	0	0	–	11.4	26.2	82	0	131
MARIUT	00	8	01	3	0	1	8	11	30	49	0	00	7	05	2	0	0	–	11	25	61	0	150
ALEXANDRIA	01	9	32	2	0	3	8	11.4	29.0	48	0	00	6	04	2	0	0	–	11.4	26.0	57	0	132
DAMIETTA	01	7	02	3	1	3	8	10.0	30.0	79	0	00	7	28	2	1	0	–	10.0	26.0	90	0	159
PORT SA'ÎD	00	8	04	3	0	0	–	10.3	31.0	61	0	00	8	04	2	0	0	–	10.4	27.3	76	0	134
EL 'ARÎSH	00	9	30	4	0	0	–	10.3	32.1	30	0	00	9	04	3	0	0	–	10.6	27.1	76	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	32	3	1	0	–	10.6	34.6	40	0	00	7	04	3	0	0	–	10.8	26.2	72	0	136
MANSÛRA	01	8	02	2	1	3	8	10.3	34.0	29	0	00	6	32	2	0	0	–	10.7	26.8	72	0	137
TANTA	01	8	28	3	1	4	8	10.2	34.5	41	0	01	8	26	1	1	3	8	10.2	26.1	78	0	138
ZAGAZIG	00	6	04	1	0	0	–	9.8	35.4	32	0	00	6	22	2	0	0	–	11.1	27.8	73	0	139
SHEBÎN EL KÔM	00	8	10	2	0	1	8		35.6	31	0	00	7	10	2	0	0	–	10.2	28.6	75	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	29	1	0	1	8	8.6	36.3	19	0	00	7	05	4	0	0	–	9.0	30.3	53	0	141
CAIRO EZBEKÎYA	00	8	04	1	0	0	–	9.2	35.9	29	0	00	7	02	3	0	0	–	9.6	31.4	56	0	—
CAIRO GÎZA	00	8	30	2	0	1	8	9.4	36.0	27	0	00	8	04	3	0	0	–	10.0	29.8	63	0	—
HELWÂN	00	8	30	1	0	0	–	8.7	35.6	21	0	00	6	02	6	0	0	–	8.8	30.9	50	0	143
SUEZ	00	9	02	1	0	0	–	8.9	35.7	28	0	00	9	02	2	0	0	–	9.0	31.4	40	0	144
UPPER EGYPT																							
FAIYÛM	00	8	00	0	0	0	–	8.8	36.0	26	0	00	8	02	1	0	0	–	8.4	30.8	37	0	153
MINYA	00	9	08	3	0	0	–	8.1	37.7	22	0	01	9	32	1	1	4	2	–	32.7	35	0	154
ASYÛT	00	8	28	1	0	0	–	8.2	37.1	18	0	00	6	26	1	0	0	–	8.7	31.7	31	0	155
NAG' HAMÂDI	00	8	00	0	0	0	–	7.9	37.0	27	0	00	8	00	0	0	0	–	8.0	32.4	35	0	164
QENA	01	9	22	2	1	3		7.0	39.8	24	0	00	6	22	2	1	0	–	7.4	32.2	37	0	156
LUXOR	00	7	26	2	0	0	–	7.5	41.5	18	0	00	6	32	1	0	0	–	8.3	32.0	28	0	157
ASWÂN	00	9	24	2	0	0	–	7.1	40.0	14	0	00	9	28	1	0	0	–	7.0	36.1	13	0	158
WESTERN DESERT																							
SÎWA	00	8	28	2	0	0	–	11.9	33.2	35	0	00		00	0	0	0	–	11.8	31.0	42	0	148
BAHARÎYA	00	9	00	0	0	0	–	11.1	36.8	32	0												149
KHÂRGA	00	9	08	1	0	0	–	8.1	38.3	23	0	00		32	1	0	0	–	8.4	34.0	33	0	151
DAKHLA	00	9	28	1	0	0	–	7.5	38.3	15	0	00	7	28	2	0	0	–	10.6	30.0	23	0	152
RED SEA																							
TÔR																							145
HURGHADA	00	8	04	1	0	0	–		33.2	46	0	00	8	00	0	0	0	–		31.6	61	0	146
QUSEIR	00	8	02	2	0	0	–	8.4	33.0	69	0	00	8	02	2	0	0	–	7.0	28.2	71	0	147
PORT SÛDÂN	80	5	26	5	8	6	9	7	32	50	0												169
NORTH SÛDÂN																							
WÂDI HALFA	00	8	32	1	1	1	1	6	41	14													165
KAREIMA	01	8	20	3	1	5	4,5	8	37	27													166
'ATBARA	02	8	20	3	1	5	8,4	9	34	41													167
KHARTÛM	01	8	18	4	1	5	8,4	9	34	36													168
KASSALA	02	8	18	2	1	6	9,4,5	11	28	66													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	18	4	1	5	8	9	33	41													171
RENK	01	9	18	3	1	6	8		30	56													182
ROSEIRES	02	7	14	2	2	8	8	14	29	66													172
EL OBEID	01	9	20	3	1	4	8,4	10	28	55													174
EL FÂSHER	02	8	02	2	1	6	8,4	—	32	46													175
GENEINA	02	8	16	2	1	5	8,4	—	28	62													179
KADUGLI	02	8	20	3	1	6	9	11	28	58													187
S. SÛDÂN																							
MALAKÂL	01	9	14	1	1	5	8	12	28	70													176
WÂU	01	8	20	2	1	6	8	11	28	62													177
JUBA																							178

UPPER WINDS ON 31st (الرياح العليا يوم ٣١)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH 13h. m.	MARIUT 12h.30m.	PORT SA'ÎD 12h.15m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA 13h. m.	WÂDI HALFA 13h.15m.	KAREIMA 13h. m.	KHARTÛM 13h. m.	KASSALA 12h.45m.	EL OBEID 13h.15m.	MALAKAL 13h. m.	JUBA h. m.
03 33 15	03 32 15	03 06 15				03 02 25	09 25 05	09 21 15	09 19 20	09 20 30	09 19 25	09 19 05	
06 26 10	06 27 10	06 30 30				06 08 15	09 22 30	15 22 30	15 17 30	15 19 45	15 19 25	15 19 15	
09 22 05	09 23 20	09 28 05				09 09 15	12 24 15	21 23 15	21 17 10		21 13 15	21 22 20	
15 05 15	15 23 45	15 24 15				15 30 05	19 18 02	27 20 10	24 11 15		27 07 20	27 22 20	
21 03 15	21 24 15	21 22 30						33 22 25	27 08 20				
30 00 00	30 20 15	30 21 15						39 29 10	30 07 20				
45 24 25	36 24 20	36 24 30											
57 20 35	39 24 20												
66 23 55													

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.		
DATE	1946	1945
1 – 8	4534	1852
31 – 7	5013	1852

Station	Mean of day: Humidity % on 31/7	Diff from normal	Wet bulb temp °C on 31/7	Diff from normal
Alexandria	59	–16	21.2	–2.1
Ezbekîya	59	–1	23.9	+1.2
Gîza	65	+2	23.7	+1.4
Helwân	49	–1	21.8	+1.2

GÎZA — Grass minimum temp. on 1st 18.2°C

CAIRO — Water temp. River Nile at 8h. on 1st 28.1°C

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				12.06	–0.60
Nâsser				9.36	–0.18
Malakâl				11.36	–0.20
J. Aulia Res.				375.76	
J. Aulia D.S				374.11	+0.33
Roseires		21.27	+3.04	21.28	+3.20
Sennar Res.				17.23	
Khartûm				14.70	+0.63
Kh. el Girba					
'Atbara		14.42	+1.15	14.25	+1.07
Kajnarti				138.53	+1.50
Aswân Res.		99.00		99.00	
Aswân D.S		89.79	+4.34	90.06	+1.79
Roda (Cairo)		17.01	+1.01	16.92	+0.95

Printed by the Survey of Egypt, 1946. (46/306)

At 8h. on Thursday 1st (الساعة ٨ يوم الخميس ١)

Station	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Temp. Dry Bulb °C (TTT)	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Norm. from Oct. 1 mms.
MEDITERRANEAN																		
SALÛM												—		—				97
MATRÛH	00	9	28	2	0	0	–	12.4	+2.4	26.4	29	+1	21	–1	82	0	101	161
MARIUT	00	8	28	2	0	1	6	11		27	30	—	19	—	62	0	187	138
ALEXANDRIA	01	9	00	0	1	4	4	11.8	+2.3	25.7	31	+1	23	0	66	0	170	186
DAMIETTA	01	8	28	1	1	4	8	10.8	+2.3	29.0	33	—	23	—	73	0	81	106
PORT SA'ÎD	00	8	18	2	0	3	4	10.6	+2.6	28.2	32	0	25	+1	73	0	71	81
EL 'ARÎSH	00	9	04	1	0	0	–	10.7	+2.1	30.9	34	+3	20	–1	60	0	—	94
LOWER EGYPT																		
DAMANHÛR	00	7	24	3	0	0	–	11.0	+1.9	27.0	35	+2	20	0	64	0	92	101
MANSÛRA	00	8	02	1	0	0	–	10.7	+2.0	27.5	36	+1	22	+1	70	0	66	55
TANTA	00	8	32	1	0	0	–	11.4	+2.0	26.8	35	0	19	–1	71	0	107	44
ZAGAZIG	00	6	04	2	0	0	–	10.4	+1.2	28.6	36	+1	22	+2	70	0	24	27
SHEBÎN EL KÔM	01	8	02	1	1	4	8			28.1	38	—	22	—	71	0	36	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	06	2	0	0	–	10.0	+1.1	27.0	37	—	22	—	57	0	10	—
CAIRO EZBEKÎYA	05	7	04	2	0	0	–	10.6	+1.7	28.0	37	+1	23	+1	62	0	22	26
CAIRO GÎZA	00	7	02	1	0	0	–	10.4	+1.6	27.5	37	+2	21	+1	69	0	41	27
HELWÂN	00	7	00	0	0	0	–	9.8	+0.8	29.8	38	+3	23	+2	37	0	20	29
SUEZ	00	9	02	1	0	0	–	10.6	+2.4	30.4	37	+1	23	0	41	0	—	17
UPPER EGYPT																		
FAIYÛM	00	8	00	0	0	0	–	10.0	+0.8	29.6	38	+1	23	+2	61	0	13	8
MINYA	00	9	32	2	0	0	–	9.9	+1.2	31.0	39	+2	22	0	44	0	tr	—
ASYÛT	00	7	20	1	0	0	–	10.0	+1.7	28.6	38	+1	24	+1	45	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	–	9.4	+2.5	29.2	38	—	20	—	46	0	1	—
QENA	00	8	30	3	0	0	–	8.3	+1.5	31.0	40	0	23	–1	37	0	13	—
LUXOR												—		—			0	—
ASWÂN	00	9	00	0	0	0	–	9.1	+2.1	32.7	42	+1	27	+1		0	tr	
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	–	12.8	+1.2	27.5	36	–2	20	–1	72	0	5	8
BAHARÎYA																	0	7
KHÂRGA	00	9	30	1	0	0	–	10.0	+2.1	30.9	40	0	24	+1	29	0	1	—
DÂKHLA	00	8	28	2	0	0	–	11.2	+2.7	30.5	40	+1	25	+2	25	0	0	—
RED SEA																		
TÔR																	0	13
HURGHÂDA	00	8	30	2	0	0	–			30.4	35	0	24	–1	43	0	1	3
QUSEIR	00	8	32	2	0	0	–	8.0	+1.9	32.0	34	0	28	+1	57	0	11	4
PORT SÛDÂN	01	8	00	0	1	3	2	7		36					44	tr	37	102
NORTH SÛDÂN																		
WÂDI HALFA																0	tr	—
KAREIMA																0	26	11
'ATBARA	01	8	20	3	1	5	4	11		28					58	0	65	27
KHARTÛM	00	8	18	4	1	2	4,5	12		28					66	0	124	69
KASSALA	02	8	18	3	1	5	4	13		26					58	0	190	145
CENTRAL SÛDÂN																		
WAD MEDANI	02	9	16	4	1	5	2	12		27					66	0	254	191
RENK	01	9	12	3	1	4	3	12?		26		—		—	79	—	—	294
ROSEIRES	00	8	16	1	0	3	3	15?		23					94	0	425	433
EL OBEID	00	8	16	3	0	1	4	13		25					70	0	217	172
EL FÂSHER								—	—							2	101	141
GENEINA	22	8	18	2	6	6	6,4	—	—	21		—		—	94	R	—	255
KADUGLI	02	8	12	2	1	5	4	13		24				—	84	—	—	464
S. SÛDÂN																		
MALAKÂL	00	8	00	0	1	3	4	14		24					94	0	461	507
WÂU	02	8	20	2	6	5	4,2	14		23					89	2	639	730
JUBA	01	8	12	1	1	5	6,4	15		22					94	31	886	730

UPPER WINDS ON 1st (الرياح العليا يوم ١)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD 6h.30m.	HELWÂN 9h. m.	MINYA h. m.	ASYÛT 7h. m.	LUXOR 7h. m.	ASWÂN 7h. m.	WÂDI HALFA h. m.	ABU HAMAD h. m.	KAREIMA h. m.	KHARTÛM 6h. m.
	03 20 05	03 11 10	02 10 05		02 30 10	03 30 05	05 02 15				09 21 15
	06 19 10	06 10 10	05 08 05		05 34 15	06 34 20	10 34 10				15 18 15
	09 26 10	09 27 05	10 04 10		10 33 15	09 35 25	15 33 06				21 12 10
	15 24 15	15 27 20	15 27 08			15 32 20					24 10 15
	21 23 10	21 21 25	20 24 20								30 10 20
	24 36 10	24 22 20	25 25 20								
	27 26 15	27 20 10	30 22 35								
	33 26 10	30 20 20	35 21 35								
	36 23 40										

KASSALA 6h.45m.	PORT SÛDÂN h. m.	EL OBEID 6h.30m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL h. m.
09 11 15		09 22 30			
15 11 20		15 21 25			
21 16 35		21 17 10			
27 20 30		27 07 30			

UPPER AIR TEMP. ALMÂZA AT 6½ G.M.T. ON 1st

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	1001	76	72
500	983	72	69
1000	965	76	62
1500	948	78	62
2000	931	77	62
4000	864	67	55
6000	802	58	48
8000	743	48	41
10000	688	53	33
12000	636	50	31
14000	588	44	30
16000	542	38	29

CYPRUS SYNOPTIC 8h. ON 1st

24700 00990 22300 09311 90502 00210 [illegible]

34600 00990 26200 09311 60302 00200

ANNUAL SUBSCRIPTION P.T. 150

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.

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 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 AMOUNT (N)

- Clear 0
- Trace 1
- 1 Tenth 2
- 2, 3 Tenths 3
- 4, 5, 6 Tenths 4
- 7, 8 Tenths 5
- 9 Tenths 6
- Over 9 Tenths 7
- Overcast 8
- Fog or Dust 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

DAILY WEATHER REPORT

Time of Sunrise h. m. 05 24
Sunset h. m. 18 48

Month August 1946

شهر اغسطس ١٩٤٦

At 14h. on 1st — الساعة ١٤ يوم ١ ; At 20h. on Thursday 1st — الساعة ٢٠ يوم الخميس ١

STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	30	3	0	0	—	11.5	28.0	72	0	00	8	28	3	0	3	—	10.4	26.0	79	0	131
MARIUT	00	7	30	3	0	1	8	10	29	74	0	00	7	01	2	0	1	6	9	26		0	150
ALEXANDRIA	01	9	32	3	2	4	4	9.6	29.4	52	0	02	6	08	2	1	5	8	9.9	26.4	75	0	132
DAMIETTA	00	8	02	3	1	0	—	9.4	29.0	77	0	00	7	28	2	0	0	—	8.9	26.0	85	0	159
PORT SA'ÎD	00	8	00	0	0	0	—	9.2	31.0	65	0	00	8	32	2	0	0	—	8.6	21.3	71	0	134
EL 'ARÎSH	00	9	30	3	0	0	—	9.5	32.1	38	0	00	9	30	4	0	0	—	8.6	27.4	72	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	32	3	0	0	—	7.8	32.2	46	0	00	7	32	2	0	0	—	9.4	25.4	80	0	136
MANSÛRA	01	8	02	1	1	3	8	9.1	33.5	39	0	00	6	32	2	1	0	—	8.7	26.4	68	0	137
TANTA	00	8	24	3	0	0	—	8.6	33.8	42	0	00	8	28	1	0	0	—	9.6	26.1	68	0	138
ZAGAZIG	00	6	20	1	1	3		8.7	32.4	44	0	00	6	24	2	0	0	—	9.2	27.0	58	0	139
SHEBÎN EL KÔM	00	8	02	2	0	0	—	8.8	34.6	38	0	00	8	02	2	0	0	—	9.2	27.3	87	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	30	2	0	2	8	7.8	35.4	34	0	00	7	30	3	0	0	—	7.9	30.4	47	0	141
CAIRO EZBEKÎYA	00	8	02	2	0	3	8	8.7	35.5	37	0	00	7	28	3	0	0	—	8.2	30.8	44	0	—
CAIRO GÎZA	00	8	30	3	0	0	—	8.4	35.1	33	0	00	8	30	3	0	0	—	8.6	29.7	50	0	—
HELWÂN	00	8	26	4	0	1	8	7.8	35.3	23	0	00	7	30	5	0	0	—	7.4	31.6	30	0	143
SUEZ	00	9	02	1	0	0	—	7.8	31.7	21	0	00	9	02	2	0	0	—	7.8	30.7	38	0	144
UPPER EGYPT																							
FAIYÛM	00	8	30	2	0	0	—	8.4	36.2	32	0	00	8	32	3	0	0	—	7.5	30.6	32	0	153
MINYA	00	9	32	2	0	0	—	8.0	38.4	21	0	00	8	30	2	0	0	—	6.7	32.2	32	0	154
ASYÛT	00	8	26	1	0	0	—	8.6	36.0	21	0	00	6	28	1	0	0	—	7.4	31.2	37	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	7.0	37.8	23	0	00	8	00	0	0	0	—	6.7	32.8	53	0	164
QENA	00	9	22	2	0	0	—	6.6	37.8	21	0	00	6	29	2	0	0	—	5.6	32.0	38	0	156
LUXOR	00	7	26	2	0	0	—	7.0	41.0	17	0	00	6	28	2	0	0	—	6.4	33.8	23	0	157
ASWÂN	01	9	32	1	1	3	1	6.3	40.5	10	0	00	9	26	2	0	0	—	5.2	36.5	12	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	—	12.4	36.0	47	0	00		00	0	0	0	—	10.6	33.0	55	0	148
BAHARÎYA												00		00	0	0	0	—	11.0	27.0	56	0	149
KHÂRGA	00	9	32	1	0	0	—	9.0	38.2	28	0	00		19	2	0	0	—	10.3	34.3	33	0	151
DAKHLA	00	9	28	1	0	0	—	9.6	38.5	19	0	00	7	28	2	0	0	—	11.5	29.0	25	0	152
RED SEA																							
TÔR																							145
HURGHÂDA	00	8	08	2	0	0	—	—	33.8	34	0	00	8	00	0	0	0	—		33.5	51	0	146
QUSEIR	00	8	04	2	0	0	—	7.1	33.2	56	0												147
PORT SÛDÂN	01	8	06	4	0	4	6	6	36	59													169
NORTH SÛDÂN																							
WÂDI HALFA	01	8	02	1	1	4	1	6	41	13													165
KAREIMA	02	8	20	2	1	5	8	7	39	24													166
'ATBARA	01	8	18	3	1	5	8,4	7	36	33													167
KHARTÛM	10	8	18	3	1	5	8,4	8	35	37													168
KASSALA	01	8	10	1	1	5	8,4	—	32	77													170
CENTRAL SÛDÂN																							
WAD MEDANI	02	8	18	5	1	5	8	7	36	33													171
RENK	01	9	20	3	1	5	8	9	31	55													182
ROSEIRES	02	8	20	1	1	5	8	—	29	66													172
EL OBEID	02	9	20	3	1	5	7,4	9	31	52													174
EL FÂSHER	01	8	14	2	1	4	8	9	31	52													175
GENEINA	02	8	32	2	1	5	8,4	—	28	62													179
KADUGLI	01	8	20	3	1	4	9	10	31	52													187
S. SÛDÂN																							
MALAKÂL	01	8	18	2	1	5	8,4	9	32	55													176
WÂU	01	8	18	2	1	4	8	10	29	52													177
JUBA	01	8	30	1	1	5	8,4	11	29	62													178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 1 — الرياح العليا يوم ١

MATRÛH 13h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA 12h. 45m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13h. 15m.	KAREIMA h. m.	KHARTÛM 13h. m.	KASSALA 13h. m.	EL OBEID 13h. m.	MALAKAL h. m.	JUBA h. m.
03 32 25				03 28 05			09 34 03		09 20 20	09 21 10	09 21 15		
06 33 25				06 30 15			15 25 05		15 19 15	15 22 15	15 21 20		
09 33 25				09 28 20			21 20 10		18 17 15	21 22 05			
15 35 15				15 27 25			27 32 25		24 11 10	27 25 10			
21 36 30				18 30 20					27 09 15				
27 33 25									30 08 20				
30 32 30													
39 25 15													
45 27 30													

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day Humidity % on 1st	Diff from normal	Wet Bulb Temp °C on 1st	Diff from normal
Alexandria	68	-7	22.8	-0.5
Ezbekiya	48	-12	22.3	+0.6
Giza	55	-6	23.0	+0.7
Helwân	31	-17	20.4	-0.2

GÎZA — GRASS MINIMUM TEMP. ON 2nd 15.4 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 2nd 28.2 °C

Discharges at Aswân measured by sluices m³ per sec. DATE	1946	1945
2-8	4692	2314
1-8	4834	1852

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		13.34	-0.32	13.42	-0.24
Nâsser		9.42	-0.07	9.38	-0.09
Malakâl		11.40	-0.19	11.38	-0.19
J. Aulia Res.				375.70	
J. Aulia D.S				374.27	+0.39
Roseires		20.55	+2.13	21.27	+2.09
Sennar Res.		17.22		17.17	
Khartûm		15.20	+0.90	14.86	+0.66
Kh. el Girba					
'Atbara		14.58	+1.16	14.42	+1.15
Kajnarti		138.50	+1.00	138.46	+1.31
Aswân Res.		99.00		99.00	
Aswân D.S		87.70	+1.12	87.79	+1.34
Roda (Cairo)				17.01	+1.01

Printed by the Survey of Egypt, 1945 (45/306).

At 8h. on Friday 2nd — الساعة ٨ يوم الجمعة ٢

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total From Oct. 1 mms.	Norm. From Oct 1 mms.
MEDITERRANEAN																		
SALÛM												—		—				97
MATRÛH	00	9	28	4	0	0	—	9.8	-0.2	26.0	29	+1	21	-1	82	0	101	161
MARIUT	00	7	30	2	0	1	6	9		28	30	—	24	—	70	0	187	138
ALEXANDRIA	01	9	30	2	2	4	4	9.1	-0.4	26.8	31	+1	24	+1	64	0	170	186
DAMIETTA	00	7	20	2	0	0	—	8.6	+0.1	27.0	30	—	21	—	84	0	81	106
PORT SA'ÎD	00	8	18	2	0	0	—	8.2	+0.2	27.8	32	0	24	0	65	0	71	81
EL 'ARÎSH	00	9	22	1	0	0	—	8.2	-0.5	29.9	33	+2	21	0	66	0	—	74
LOWER EGYPT																		
DAMANHÛR	01	7	32	3	1	3	8	9.2	+0.1	26.4	34	+1	19	-1	72	0	92	101
MANSÛRA	00	8	24	1	0	0	—	9.1	+0.4	28.0	36	+1	20	-1	67	0	66	55
TANTA	00	8	00	0	0	0	—	9.4	0.0	27.2	34	-1	17	-1	69	0	107	44
ZAGAZIG	00	6	16	2	0	0	—	9.2	-0.1	29.0	35	0	21	+1	64	0	24	27
SHEBÎN EL KÔM	00	8	30	1	0	0	—	9.8	+0.6	28.4	37	—	22	—	72	0	36	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	32	1	0	3	8	9.0	0.0	25.0	37	—	23	—	73	0	10	—
CAIRO EZBEKÎYA	00	6	00	0	0	0	—	9.5	+0.5	27.4	37	+1	24	+2	67	0	22	26
CAIRO GÎZA	00	7	28	2	1	2	8	7.4	+0.5	27.2	37	+2	19	-1	60	0	41	27
HELWÂN	05	6	30	1	0	2	0	9.0	0.0	24.3	37	+2	22	+1	72	0	20	29
SUEZ	00	9	02	2	0	0	—	8.3	+0.1	28.2	37	+1	24	+1	58	0	—	17
UPPER EGYPT																		
FAIYÛM	00	8	32	2	0	1	8	9.0	-0.3	26.0	37	0	22	+1	67	0	13	8
MINYA	00	9	30	2	0	0	—	9.6	+0.9	28.7	40	+3	23	+1	57	0	[illegible]	—
ASYÛT	00	7	26	1	0	0	—	9.4	+1.1	28.7	37	0	22	-1	49	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	8.2	+1.3	28.3	38	—	21	—	51	0	1	—
QENA	00	8	22	2	0	0	—	7.2	+0.4	30.0	41	+1	24	0	36	0	13	—
LUXOR	00	7	28	1	0	0	—	7.6	+1.0	33.0	42	+1	22	+1	25	0	0	—
ASWÂN	00	9	00	0	0	0	—	7.5	+0.5	32.0	42	+1	28	+2	30	0	[illegible]	
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	11.9	+0.2	28.0	38	0	19	+2	57	0	5	8
BAHARÎYA	00	9	00	0	0	0	—	11.1	+1.1	31.0	38	+1	20	0	48	0	0	7
KHÂRGA	00	9	04	3	0	0	—	9.5	+1.5	31.2	40	0	23	0	38	0	1	—
DÂKHLA	00	8	28	1	0	0	—	10.0	+1.5	29.3	39	0	24	+1	24	0	0	—
RED SEA																		
TÔR																	0	13
HURGHÂDA	00	8	30	3	0	0	—			31.2	36	+1	25	0	40	0	1	3
QUSEIR	00	8	32	2	0	0	—	7.0	+0.9	31.4	34	0	27	0	53	0	4	4
PORT SÛDÂN																0	69	102
NORTH SÛDÂN																		
WÂDI HALFA	00	8	04	1	0	0	—	6		32					21	0	[illegible]	—
KAREIMA	01	7	18	4	1	5	4	10		29					57	0	19	11
'ATBARA																5	68	27
KHARTÛM	02	7	18	4	5	7	9,0	—		25						13	137	70
KASSALA																0	180	149
CENTRAL SÛDÂN																		
WAD MEDANI	02	9	20	2	6	5	8	10		24					67	24	286	196
RENK	02	8	18	3	2	7	9	—		24		—		—	84	—		298
ROSEIRES																12	417	439
EL OBEID	02	9	20	4	1	8	9,6	11		25					77	0	232	175
EL FÂSHER								—	—							0	105	145
GENEINA								—	—			—		—				262
KADUGLI	02	8	24	2	1	7	9	12		24		—		—	84	—		468
S. SÛDÂN																		
MALAKÂL	95	3	12	1	9	9	9	14		22					100	42	604	513
WÂU	02	8	00	0	1	7	4	14		22					74	0	714	736
JUBA	02	8	02	2	1	8	4	14		22					74	0	981	734

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 2nd — الرياح العليا يوم

MATRÛH 6h. 45m.	MARIUT 7h. m.	PORT SA'ÎD h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI HALFA 7h. 45m.	ABU HAMAD 7h. m.	KAREIMA 7h. 15m.	KHARTÛM 6h. 30m.
03 31 30	03 32 20							09 03 15	07 21 35	09 18 30	09 21 20
06 34 25	06 34 15							15 03 10	15 25 20	15 20 20	15 24 05
09 34 30	09 35 05							21 20 15	21 24 05	21 24 20	21 06 10
15 36 30	12 35 15							27 21 35	27 27 10	27 26 15	24 03 10
21 02 30	15 35 15							33 22 40	33 28 10	30 28 10	33 08 20
30 35 30	18 33 15							39 23 30			
36 36 30	21 32 05										
	24 28 05										
	27 31 15										

KASSALA h. m.	PORT SÛDÂN h. m.	EL OBEID 7h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL h. m.
		09 19 25			
		15 20 30			
		21 22 50			
		24 31 10			
		33 34 20			

CYPRUS SYNOPTIC 8h. ON 2nd

34700 00890 28200 05291 80804 00210
34800 00970 26300 05841 90800 00200

UPPER AIR TEMP. ALMÂZA AT 05 30 G.M.T. ON 2nd

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	1004	75	72
500	986	70	67
1000	969	68	65
1500	951	66	61.5
2000	933.5	66	64
4000	867	68	44
6000	804.6	62	41
8000	740.8	55	36
10000	690.5	50.5	31.5
12000	638.6	45.5	29
14000	589.8	45	28
15000	544.2	37	27

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.

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 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 AMOUNT (N)

Clear 0
Trace 1
1 Tenth 2
2, 3 Tenths 3
4, 5, 6 Tenths 4
7, 8 Tenths 5
9 Tenths 6
Over 9 Tenths 7
Overcast 8
Fog or Dust 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

DAILY WEATHER REPORT

Sunset 18h 47m — Month August 1946

STATION	At 14h. on Friday 2nd (الساعة ١٤ يوم ٢) PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 8-14h mms	At 20h. on 2nd (الساعة ٢٠ يوم ٢) PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 14-20h mms	STATION NUMBER
MEDITERRANEAN: SALÛM																							130
MATRÛH	00	9	28	3	0	0	–	9.6	29.8	72	0	00	8	28	3	0	0	–	8.8	25.8	80	0	131
MARIUT	00	7	29	4	0	0	–	8	30	66	0	00	7	32	2	0	0	–	8	26	84	0	150
ALEXANDRIA	00	9	30	3	0	0	–	8.7	30.0	60	0	00	6	04	1	0	0	–	8.4	26.0	76	0	132
DAMIETTA	01	8	28	3	1	3	8	7.4	30.0	77	0	00	7	28	1	1	0	–	7.1	26.1	92	0	159
PORT SA'ÎD	00	8	32	2	0	0	–	7.2	32.4	62	0	00	8	30	3	0	0	–	7.2	26.9	82	0	134
EL 'ARÎSH	00	9	30	4	0	0	–	7.5	30.1	65	0	00	9	30	3	0	0	–	6.7	28.1	78	0	135
LOWER EGYPT: DAMANHÛR	00	7	32	3	0	0	–	8.1	31	48	0	00	7	32	2	0	0	–	8.0	25.6	79	0	136
MANSÛRA	01	8	30	2	1	4	8	7.4	35.0	30	0	00	6	02	1	1	0	–	7.9	26.6	75	0	137
TANTA	00	9	24	3	0	0	–	7.2	34.4	39	0	00	8	28	1	0	0	–	8.6	25.6	65	0	138
ZAGAZIG	00	6	24	2	0	0	–	7.6	34.2	35	0	00	6	32	2	0	0	–	8.7	28.0	63	0	139
SHEBÎN EL KÔM	00	8	30	3	0	1	8	7.9	35.6	33	0	00	7	02	2	0	0	–	7.0	27.8	60	0	—
MIDDLE EGYPT, CAIRO: ALMAZA	00	8	04	1	0	0	–	6.8	34.1	36	0	00	7	02	3	0	0	–	6.9	31.7	37	0	141
EZBEKÎYA	00	8	30	2	0	0	–	6.6	35.2	36	0	00	7	02	2	0	0	–	8.0	29.5	44	0	—
GÎZA	00	8	28	3	0	0	–	6.8	34.1	34	0	00	8	32	2	0	0	–	7.8	29.9	39	0	—
HELWÂN	00	7	28	1	0	0	–	6.6	33.7	16	0	00	7	32	2	0	0	–	6.7	31.5	25	0	143
SUEZ	00	9	02	1	0	0	–	6.4	34.1	31	0	00	9	32	2	0	0	–	7.5	30.5	29	0	144
UPPER EGYPT: FAIYUM	00	8	30	3	0	0	–	7.1	34.3	26	0	00	8	02	2	0	0	–	6.3	31.4	30	0	153
MINYA	00	9	02	3	0	0	–	7.1	34.9	23	0	00	8	32	1	0	0	–	5.8	31.8	34	0	154
ASYÛT	00	8	28	1	0	0	–	6.7	34.6	28	0	00	6	26	1	0	0	+	7.2	29.6	35	0	155
NAG' HAMÂDI	00	8	00	0	0	0	–	5.6	31.2	29	0	00	8	00	0	0	0	–	6.6	27	37	0	164
QENA	00	9	22	2	0	0	–	4.8	39.0	23	0	00	6	24	1	0	0	–	5.6	30.0	41	0	156
LUXOR												00	6	28	2	0	0	–	5.9	32.0	28	0	157
ASWÂN	00	9	22	3	0	0	–	5.1	39.3	12	0	00	9	00	0	0	0	–	5.8	36.5	14	0	158
WESTERN DESERT: SÎWA	00	8	28	3	0	0	–	11.1	36.4	51	0	00	5	00	0	0	0	–	10.0	32.3	59	0	148
BAHARÎYA												00		00	0	0	0	–	–	28.5	55	0	149
KHÂRGA	00	9	28	4	0	0	–		37.4	30	0	00		32	2	0	0	–	7.8	32.4	37	0	151
DAKHLA	00	9	28	1	0	0	–	8.0	38.0	19	0	00	1	28	2	0	0	–	10.2	29.0	25	0	152
RED SEA: TÔR																							145
HURGHADA												00	8	00	0	0	0	–		32.4	41	0	146
QUSEIR	00	8	32	3	0	0	–	5.5	34.2	50	0	00	8	10	1	0	0	–	4.4	30.0	77		147
PORT SUDAN	01	8	08	3	1	3	8	3	37	66													169
NORTH SUDAN: WÂDI HALFA	00	8	32	3	0	0	–	5	41	27	0												165
KAREIMA	02	8	24	2	1	6	4,5	6	37	27	0												166
'ATBARA	02	8	18	2	1	6	8,4	5	36	31	0												167
KHARTÛM	01	8	20	3	2	4	7,4,1	7	32	49	0												168
KASSALA																							170
CENTRAL SUDAN: WAD MEDANI	95	7	18	3	7	8	9	10	22	100													171
RENK	61	7	20	3	2	8	9	–	22	83													182
ROSEIRES	02	7	14	2	6	5	7,5	–	26	70													172
EL OBEID	91	7	24	2	7	8	9,4,2	10	23	89													174
EL FÂSHER																							175
GENEINA																							179
KADUGLI	02	8	12	3	6	7	9	11	26	79													187
S. SUDAN: MALAKÂL	62	8	00	0	6	8	6,4,5	14	23	89													176
WÂU	02	8	20	2	1	7	8	10	29	59													177
JUBA	07	8	04	1	1	8	9,4,2	12	27	70													178

UPPER WINDS ON 2nd (الرياح العليا يوم ٢)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ID	ALMAZA	MINYA	LUXOR	HURGHADA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
13h. m.	12h. 30m.	13h. m.	h. m.	h. m.	12h. 45m.	h. m.	13h. m.	13h. m.	13h. m.	h. m.	h. m.	h. m.	12h. 30m.
03 32 30	03 31 15	03 30 15			03 25 05		09 02 15	09 29 10	09 21 30				09 07 15
06 33 10	06 34 25	06 28 15			06 25 10		15 01 30	15 29 10	15 22 20				15 29 10
09 32 20	09 26 10	09 33 15			09 26 15		21 03 15	21 01 20	21 23 05				18 27 10
15 30 20	12 23 10	12 35 10			12 26 20		27 01 20	24 02 15	24 30 10				
21 35 10	15 34 10	15 02 10			15 24 20			30 06 20	30 02 05				
45 33 25	18 03 30	08 10 05			18 24 30				39 10 20				
	21 02 40	21 06 05			21 23 35								
	24 03 45	27 30 05			24 23 45								
		30 24 05											

UPPER WINDS ON 3rd (الرياح العليا يوم ٣)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ID	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
6h. 15m.	6h. 30m.	h. m.	8h. 30m.	h. m.	7h. m.	7h. m.	7h. m.	h. m.	7h. m.	7h. m.	h. m.
03 30 15	03 31 35		02 32 10		02 30 05	03 30 05	02 26 10		09 28 30	09 21 20	
06 33 10	06 34 25		05 04 05		05 02 25	06 31 15	05 01 20		15 29 20	15 29 20	
09 03 05	09 32 20		08 01 25		10 33 20	09 31 20	10 34 25		18 31 20	21 32 05	
15 05 10	15 30 15		10 36 30		15 33 10	12 32 15	15 28 20			24 07 15	
21 01 30	18 29 15		15 25 30			15 34 05	20 30 10			30 10 10	
30 32 15	21 23 10		20 35 30			18 22 05				39 12 30	
45 31 20	24 26 10		23 35 25			21 20 30					
60 29 25	27 26 15		25 35 30			24 28 10					
69 27 35	30 27 10		30 35 20								

KASSALA	PORT SUDAN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7h. m.	6h. m.	7h. m.	h. m.	7h. m.	7h. m.
09 19 50	09 30 15	09 21 30		09 00 00	09 16 25
15 21 55	15 33 15	15 26 10		15 30 20	15 17 30
21 22 25	21 02 15	21 30 05		21 29 15	21 18 30
27 24 20	27 04 20	24 29 05			27 19 30
33 25 25	33 05 10				33 20 30
	39 13 30				39 21 30

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day: HUMIDITY % on 2nd	HUMIDITY Diff from normal	WET BULB TEMP °C on 2nd	WET BULB TEMP Diff from normal
Alexandria	68	-6	23.0	-0.3
Ezbekiya	51	-9	22.7	0.0
Giza	45	-16	21.7	-0.6
Helwân	45	-5	19.4	-1.2

GIZA — GRASS MINIMUM TEMP. ON 3rd ..... 14.8 °C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 3rd ..... 28.1 °C

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	3 – 8	4629	2778
	2 – 8	4692	2314

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		–	–	13.34	– 0.32
Nâsser		–	–	9.42	– 0.07
Malakâl	6	11.52	– 0.08	11.40	– 0.19
J. Aulia Res.					
J. Aulia D.S	9				
Roseires	1	20.10	+ 1.45	20.55	+ 2.13
Sennar Res.				17.22	–
Khartûm				15.20	+ 0.90
Kh. el Girba	8				
'Atbara	1	14.84	+ 1.33	14.58	+ 1.16
Kajnarti				138.50	+ 1.00
Aswân Res.	3	99.00	–	99.00	–
Aswân D.S		89.62	+ 0.77	89.70	+ 1.12
Roda (Cairo)					

Printed by the Survey of Egypt, 1945.(45/306)

شهر أغسطس ١٩٤٦

STATION	At 8h. on Saturday 3rd (الساعة ٨ يوم السبت ٣) PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	MAXIMUM Diff. from norm. °C	MINIMUM Today °C mm	MINIMUM Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct. 1 mms	STATION NUMBER
MEDITERRANEAN: SALÛM												—		—				99	
MATRÛH	00	9	28	2	0	0	–	8.7	-1.4	26.6	30	+2	20	-2	78	0	101	161	131
MARIUT	00	7	28	2	0	0	–	8		28	30	—	22	—	79	0	187	138	150
ALEXANDRIA	01	9	30	3	1	4	4	8.0	-1.6	26.6	31	+1	24	+1	77	0	170	186	132
DAMIETTA	01	7	22	2	1	4	6	7.1	-1.4	27.9	34	—	22	—	79	0	81	166	159
PORT SA'ID	01	8	28	3	1	4	3,4	7.2	-0.8	27.8	34	+2	25	+1	73	0	71	81	134
EL 'ARÎSH	00	9	20	1	0	0	–	7.4	-1.3	30.8	32	+1	21	0	67	0	–	94	135
LOWER EGYPT: DAMANHÛR	01	7	24	3	1	3	8	7.4	-1.7	25.8	32	-1	19	-1	78	0	92	101	136
MANSÛRA	01	8	12	2	1	4	8	7.9	-0.8	28.0	36	+1	21	0	70	0	66	55	137
TANTA	00	8	28	1	0	0	–	7.9	-1.5	27.3	35	0	19	-1	75	0	107	44	138
ZAGAZIG	00	6	32	2	0	0	–	6.8	-2.5	28.8	35	0	22	+2	66	0	24	27	139
SHEBÎN EL KÔM	00	8	02	2	0	2	8	7.6	-1.6	28.6	36	—	21	—	51	0	36	—	
MIDDLE EGYPT, CAIRO: ALMAZA	05	6	32	1	1	4	6	7.9	-1.1	25.3	36	—	22	—	44	0	10	—	141
EZBEKÎYA	05	6	00	0	0	0	–	8.2	-0.8	26.9	36	0	23	+1	78	0	22	26	
GÎZA	00	8	28	1	0	0	–	8.4	-0.5	27.2	35	0	19	-1	73	0	41	27	142
HELWÂN	05	6	00	0	0	0	–	7.9	-1.1	24.9	35	0	22	+1	77	0	20	29	143
SUEZ	00	9	00	0	0	0	–	7.9	-0.3	30.4	36	0	23	0	54	0	–	17	144
UPPER EGYPT: FAIYÛM	00	8	02	1	0	0	–	7.9	-1.4	27.2	36	-1	21	0	61	0	13	8	
MINYA	00	8	30	1	0	0	–	7.4	-1.3	27.9	36	-1	21	-1	55	0	dr	—	
ASYÛT	00	7	20	1	0	0	–	7.9	-0.4	28.3	36	-1	22	-1	44	0	0	4	
NAG' HAMÂDI	00	8	00	0	0	0	–	7.0	0.0	28.2	37	—	18	—	31	0	1	—	
QENA	01	8	22	2	0	3	1	6.2	-0.7	29.5	40	0	22	-2	33	0	13	—	
LUXOR	00	7	28	2	0	0	–	6.7	+0.1	31.6	41	0	21	-2	30	0	0	—	
ASWÂN	00	9	00	0	0	0	–	7.1	+0.1	31.9	41	0	26	0	27	0	dr		
WESTERN DESERT: SÎWA	00	7	24	2	0	0	–	11.9	+0.2	25.0	38	0	22	+1	92	0	5	8	
BAHARÎYA	00	9	00	0	0	0	–	9.3	-0.7	30.3	39	+2	22	+2	51	0	0	7	
KHÂRGA	00	9	00	0	0	0	–	9.8	+1.8	29.0	38	-2	22	-1	31	0	1	—	
DAKHLA	00	8	24	1	0	0	–	8.7	+0.1	30.0	38	-1	24	+1	23	0	0	—	
RED SEA: TÔR																		13	
HURGHÂDA	00	8	28	3	0	0	–			31.6	35	0	25	0	28	0	1	3	
QUSEIR	00	8	32	2	0	0	–	5.4	-0.7	31.2	35	+1	28	+1	57	0	11	4	
PORT SÛDÂN	01	8	06	2	1	4	7,1	5		37					45		62	102	
NORTH SUDAN: WÂDI HALFA	00	8	32	1	0	1	2	7		30					19	0	tr	—	
KAREIMA	01	8	18	3	1	4	4	9		30					59	0	19	11	
'ATBARA	03	7	20	3	8	8	7	10		25					79	tr	68	28	
KHARTÛM	02	8	14	2	1	7	6,4	11		24					74		137	72	
KASSALA	02	8	18	3	6	6	6,4,1	12		23					84	12	192	153	
CENTRAL SUDAN: WAD MEDANI	01	9	16	5	1	4	8	13		23					94	7	293	202	
RENK	02	8	16	3	2	6	6	12?		22		—		—	83	—		302	
ROSEIRES																tr	417	446	
EL OBEID	10	8	14	3	1	7	6,4,5	12		21					88	8	240	178	
EL FÂSHER								—	—							0	105	149	
GENEINA	02	8	00	0	1	6	6	—	—	20		—		—	88	0	-	270	
KADUGLI	09	5	12	3	1	7	8	13		21		—		—	94	—		473	
S. SUDAN: MALAKÂL	03	8	14	2	1	8	4,5	14		22					88	tr	604	520	
WÂU	60	8	00	0	6	8	6,5	14		21					94	tr	714	743	
JUBA	10	8	12	2	1	6	6,4,5	16		21					94	0	981	738	

UPPER WINDS ON 3rd (الرياح العليا يوم ٣)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is velocity in kilometres per hour.

KASSALA	PORT SUDAN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7h. m.	6h. m.	7h. m.	h. m.	7h. m.	7h. m.
09 19 50	09 30 15	09 21 30		09 00 00	09 16 25
15 21 55	15 33 15	15 26 10		15 30 20	15 17 30
21 22 25	21 02 15	21 30 05		21 29 15	21 18 30
27 24 20	27 04 20	24 29 05			27 19 30
33 25 25	33 05 10				33 20 30
	39 13 30				39 21 30

UPPER AIR TEMP. ALMÁZA AT 5 G.M.T. ON 3rd

HEIGHT FEET	P.P.P m.b.	T.T °C	t.t °C
Surface	999	75	72
500	981	71	70
1000	963	70	68
1500	949	76	60
2000	929	76	57
4000	863	69	52
6000	800	56	46
8000	742	54	36
10000	697	51	33
12000	636	46	30
14000	587	38	28
15000	542	31	26

CYPRUS SYNOPTIC 9h. ON 3rd					
34700	00990	18200	05311	70001	00190
34800	00990	28300	05291	90201	00220

WIND FORCE (F)

	P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-36	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.

ANNUAL SUBSCRIPTION P.T. 150

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

Time of Sunrise h. 5 m. 12
Sunset 18 47

DAILY WEATHER REPORT

Month August 1946 — شهر أغسطس ١٩٤٦

At 14h. on Saturday 3rd — الساعة ١٤ يوم السبت ٣

STATION	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	Temp. °C (ttt)	Humidity % (uu)	Rain 8-14 hr. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	9	28	3	0	0	—	8.3	28.2	79	0
MARIUT	00	7	28	3	0	0	—	7	30	66	0
ALEXANDRIA	00	9	02	3	0	0	—	7.6	30.0	63	0
DAMIETTA	00	8	28	3	1	0	—	6.3	29.8	74	0
PORT SA'ÎD	00	8	32	3	0	0	—	6.4	32.1	64	0
EL 'ARÎSH	00	9	28	4	0	0	—	6.6	29.8	70	0
LOWER EGYPT											
DAMANHÛR	00	7	24	3	0	0	—	6.8	31.8	46	0
MANŞÛRA	01	8	28	2	1	3	8	6.3	34.2	44	0
TANTA	00	8	32	3	0	0	—	6.6	34.2	40	0
ZAGAZIG	01	6	32	3	0	3	8	6.2	34.5	44	0
SHEBÎN EL KÔM	00	8	02	2	0	0	—	7.2	35.1	36	0
MIDDLE EGYPT — CAIRO											
ALMÂZA	00	8	20	3	0	1	8	6.3	34.5	29	0
EZBEKÎYA	00	8	32	3	0	0	—	6.3	35.2	30	0
GÎZA	00	8	30	3	0	0	—	6.3	36.2	25	0
HELWÂN	00	8	28	3	0	0	—	5.9	34.1	22	0
SUEZ	00	9	02	2	0	0	—	6.0	35.9	20	0
UPPER EGYPT											
FAIYÛM	00	8	32	2	0	0	—	5.5	36.0	16	0
MINYA	00	9	32	3	0	0	—	5.8	36.6	19	0
ASYÛT	00	8	28	1	0	0	—	6.3	35.3	19	0
NAG' HAMÂDI	00	8	00	0	0	0	—	4.8	36.9	23	0
QENA	00	9	24	1	0	0	—	3.9	38.8	22	0
LUXOR	00	7	22	2	0	0	—	5.1	39.0	19	0
ASWÂN	00	9	20	1	0	0	—	4.7	39.0	11	0
WESTERN DESERT											
SÎWA	00	8	00	0	0	0	—	9.4	36.0	47	0
BAHARÎYA	00	9	00	0	0	0	—	6.7	37.4	29	0
KHÂRGA	00	9	28	1	0	0	—	—	37.4	23	0
DAKHLA	00	9	24	1	0	0	—	6.4	37.8	19	0
RED SEA											
TÔR											
HURGHÂDA	00	8	04	2	0	0	—	—	33.4	26	0
QUŞEIR	00	8	32	2	0	0	—	4.2	34.0	52	0
PORT SÛDÂN	01	9	12	3	0	4	4	3	41	44	
NORTH SÛDÂN											
WÂDI HALFA	00	8	04	1	0	0	—	5	40	17	
KAREIMA	01	8	20	4	1	4	8,4	6	36	33	
'ATBARA	02	8	18	3	1	5	8,4,1	6	38	—	
KHARTÛM	02	8	16	3	2	6	4,0	8	30	55	
KASSALA	02	8	22	3	1	5	4,4,0	9	28	66	
CENTRAL SÛDÂN											
WAD MEDANI	02	8	16	5	1	5	8	8	29	52	
RENK	01	9	18	3	1	4	8	—	28	66	
ROSEIRES	02	8	17	3	2	5	8	—	27	70	
EL OBEID	02	9	16	2	1	5	8,4	8	28	62	
EL FÂSHER	01	9	16	4	1	5	8,6	—	27	58	
GENEINA											
KADUGLI	02	8	20	4	1	6	9	10	27	86	
S. SÛDÂN											
MALAKÂL	61	6	16	3	6	7	6,4	11	23	94	
WÂU											
JUBA	02	8	24	2	6	5	8,4	12	23	94	

At 20h. on Saturday 3rd — الساعة ٢٠ يوم السبت ٣

STATION	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	Temp. °C (ttt)	Humidity % (uu)	Rain 14-20 hr. mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	8	04	1	0	0	—	8.0	26.2	81	0	131
MARIUT	00	7	30	2	0	0	—	7	26	74	0	150
ALEXANDRIA	00	6	32	1	0	0	—	8.2	26.4	73	0	132
DAMIETTA	00	7	28	1	0	0	—	6.4	26.0	92	0	159
PORT SA'ÎD	00	8	30	3	0	1	1	6.7	26.4	81	0	134
EL 'ARÎSH	00	9	30	2	0	3	3	6.6	26.7	87	0	135
LOWER EGYPT												
DAMANHÛR	00	7	28	2	0	0	—	7.5	25.8	78	0	136
MANŞÛRA	00	6	04	1	1	0	—	7.4	26.4	75	0	137
TANTA	00	8	28	1	0	0	—	7.8	24.3	69	0	138
ZAGAZIG	00	6	32	2	0	0	—	7.6	29.0	63	0	139
SHEBÎN EL KÔM	00	7	30	2	0	0	—	7.5	27.6	67	0	—
MIDDLE EGYPT — CAIRO												
ALMÂZA	00	7	02	2	0	0	—	6.6	29.9	54	0	141
EZBEKÎYA	00	7	02	3	0	0	—	7.8	30.6	54	0	—
GÎZA	00	8	02	1	0	0	—	7.5	29.6	54	0	—
HELWÂN	00	7	32	4	0	0	—	6.6	30.6	41	0	143
SUEZ	01	8	30	2	1	4	4	6.6	31.1	87	0	144
UPPER EGYPT												
FAIYÛM	00	8	02	2	0	0	—	6.0	30.9	33	0	153
MINYA	00	8	30	1	0	0	—	5.0	32.7	25	0	154
ASYÛT	00	6	28	1	0	0	—	6.4	30.2	25	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	5.6	31.3	34	0	164
QENA	00	6	22	2	0	0	—	5.8	31.2	34	0	156
LUXOR	00	6	28	2	0	0	—	5.4	31.6	30	0	157
ASWÂN	00	9	24	1	0	0	—	4.8	34.2	17	0	158
WESTERN DESERT												
SÎWA	00	—	00	0	0	0	—	7.8	32.0	60	0	148
BAHARÎYA	00	—	00	0	0	0	—	8.6	27.0	56	0	149
KHÂRGA	00	9	32	1	0	0	—	7.6	34.2	30	0	151
DAKHLA	00	7	24	1	0	0	—	8.1	29.8	23	0	152
RED SEA												
TÔR												145
HURGHÂDA	00	8	00	0	0	0	—	—	31.9	33	0	146
QUŞEIR	00	8	04	1	0	0	—	4.4	29.5	74	0	147
PORT SÛDÂN												169
NORTH SÛDÂN												
WÂDI HALFA												165
KAREIMA												166
'ATBARA												167
KHARTÛM												168
KASSALA												170
CENTRAL SÛDÂN												
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FÂSHER												175
GENEINA												179
KADUGLI												187
S. SÛDÂN												
MALAKÂL												176
WÂU												177
JUBA												178

UPPER WINDS ON 3rd — الرياح العليا يوم ٣

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13 h. 15 m.	15 h. m.	18 h. m.	18 h. 45 m.	15 h. m.	h. m.	13 h. m.
							15 00 00	09 22 30	09 19 10	09 19 30	09 30 10		09 36 10
							21 03 05	15 23 30	15 19 15	15 20 35	12 20 10		15 28 05
							33 35 10	21 24 30		21 21 30			21 25 05
								27 29 30		27 27 10			27 19 10
								33 27 30					33 17 15
								39 27 30					39 18 30

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	4 – 8	4635	2778
	3 – 8	4629	2778

STATION	Mean of day: Humidity % on 3rd	Humidity Diff from normal	Wet Bulb Temp °C on 3rd	Wet Bulb Temp Diff from normal	Previous day: Reading	Previous day: Diff from normal
Alexandria	73	– 1	23.8	+ 0.5		
Ezbekîya	59	– 1	23.2	+ 0.5		
Gîza	59	– 2	23.0	+ 0.6		
Helwân	56	+ 6	21.2	+ 0.6		
GÎZA	GRASS MINIMUM TEMP. ON 4th		15.1 °C			
CAIRO	WATER TEMP. AT 9h. RIVER NILE ON 4th		28.0 °C			

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba				13.01	– 0.26
Nâsser				9.47	– 0.07
Malakâl		11.60	– 0.08	11.52	– 0.08
J. Aulia Res.				325.84	
J. Aulia D.8				324.91	+ 0.83
Roseires		19.90	+ 1.15	20.10	+ 1.45
Sennar Res.				17.19	
Khartûm				15.66	+ 1.13
Kh. el Girba				15.00	+ 1.28
'Atbara				10.80	+ 1.33
Kajnarti				138.62	+ 0.81
Aswân Res.		99.00		99.00	
Aswân D.8		89.62	+ 0.62	89.62	+ 0.77
Roda (Cairo)				17.21	+ 1.09

Printed by the Survey of Egypt, 1945. (45/306)

At 8h. on Sunday 4th — الساعة ٨ يوم الأحد ٤

STATION	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Pressure M.S.L. 1000+ mbs. (ppp)	Diff. from normal mbs.	Temperature Dry Bulb °C (ttt)	Maximum Yesterday °C (MM)	Maximum Diff. from norm. °C	Minimum Today °C (mm)	Minimum Diff. from norm. °C	Humidity % (uu)	Rainfall Past 24 hrs. mms	Total from Oct. 1 mms	Norm. from Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				99
MATRÛH	00	9	28	2	0	0	—	9.5	– 0.6	26.4	29	+ 1	21	– 1	82	0	101	161
MARIUT	01	8	30	1	1	3	6	8		28	31	—	23	—	74	0	187	136
ALEXANDRIA	01	9	00	0	1	4	4	8.6	1.0	26.4	31	+ 1	24	+ 1	77	0	170	186
DAMIETTA	01	7	20	1	1	4	6	7.9	– 0.7	27.0	31	—	22	—	84	0	81	106
PORT SA'ÎD	02	8	20	2	2	5	6	7.9	– 0.2	26.8	33	0	22	0	80	0	71	61
EL 'ARÎSH	00	9	28	1	0	0	—	7.5	– 1.2	30.6	31	0	23	+ 2	63	0	—	94
LOWER EGYPT																		
DAMANHÛR	01	6	24	3	1	3	8	8.0	– 1.2	27.0	33	0	21	+ 1	77	0	72	101
MANŞÛRA	01	8	20	2	1	4	6	8.4	– 0.4	27.0	35	0	21	0	73	0	66	55
TANTA	00	8	24	1	0	0	—	8.7	– 0.2	27.2	35	0	20	0	77	0	107	44
ZAGAZIG	00	6	16	2	0	0	—	8.7	– 0.7	27.0	35	0	21	+ 1	63	0	24	27
SHEBÎN EL KÔM	00	8	30	1	0	2	8	7.9	– 1.4	28.3	37	—	21	—	67	0	36	—
MIDDLE EGYPT — CAIRO																		
ALMAZA	05	6	30	1	2	4	6	8.5	– 0.5	24.8	37	—	22	—	79	0	10	—
EZBEKÎYA	05	6	28	1	0	0	—	8.8	– 0.2	26.0	37	+ 1	23	+ 1	69	0	22	26
GÎZA	00	7	28	2	1	0	—	8.8	– 0.1	25.1	37	+ 2	22	+ 2	76	0	41	27
HELWÂN	05	6	28	2	0	0	—	8.2	– 0.9	24.9	36	+ 1	21	0	69	0	20	29
SUEZ	00	9	00	0	0	0	—	8.4	+ 0.2	28.9	38	+ 2	23	0	55	0	—	17
UPPER EGYPT																		
FAIYÛM	00	8	32	2	0	0	—	8.6	– 0.7	28.0	36	– 1	21	0	45	0	13	8
MINYA	00	8	32	1	0	0	—	8.2	– 0.6	30.2	38	+ 2	22	0	50	0	dk	—
ASYÛT	00	7	20	1	0	0	—	8.2	– 0.2	29.2	37	0	22	– 1	30	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	8.0	+ 1.0	32.0	37	—	18	—	37	0	1	—
QENA	00	8	24	1	0	0	—	7.4	+ 0.5	30.0	40	0	24	0	41	0	13	—
LUXOR												—		—			0	—
ASWÂN	00	9	00	0	0	0	—	7.9	+ 0.9	32.3	40	– 1	27	+ 1	18	0	dk	
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	10.2	– 1.5	26.0	38	0	20	– 1	77	0	5	8
BAHARÎYA	00	9	00	0	0	0	—	11.8	+ 1.7	31.2	39	+ 2	20	0	40	0	0	7
KHÂRGA	00	7	00	0	0	0	—	8.6	+ 0.6	27.1	38	– 2	21	– 2	33	0	1	—
DAKHLA	00	8	28	1	0	0	—	9.0	+ 0.9	28.0	39	0	21	– 2	24	0	0	—
RED SEA																		
TÔR																0	13	
HURGHÂDA	00	8	30	2	0	0	—			30.7	35	0	25	0	47	0	1	3
QUSEIR	00	8	32	2	0	0	—	5.5	– 0.6	30.4	35	+ 1	28	+ 1	50	0	11	4
PORT SÛDÂN	02	9	22	3	1	6	4	7		35					35	0	62	121
NORTH SÛDÂN																		
WÂDI HALFA	02	8	00	0	1	5	2	9		31					31	0	4	—
KAREIMA	01	8	18	2	1	5	8,4	9		29					26	0	17	12
'ATBARA	02	8	20	3	2	7	6	10		29					62	0	18	29
KHARTÛM	01	8	14	4	1	4	7,0	11		26					70	0	137	74
KASSALA	02	8	14	3	5	7	4,2	13		29					74	19	211	158
CENTRAL SÛDÂN																		
WAD MEDANI	02	9	16	3	6	6	4	12		24					84	3	276	208
RENK	01	9	12	3	2	4	8	12		22		—		—	78	—		306
ROSEIRES	01	8	16	1	2	5	3	15		24					84	0	417	454
EL OBEID	03	9	16	3	1	8	6,0	12		22					83	13	253	182
EL FÂSHER	02	8	17	2	1	7	7,4	—	—	23					83	1	106	154
GENEINA	03	8	22	1	1	8	6,0	—	—	19		—		—	94	0		278
KADUGLI	02	8	12	4	1	5	6	12		23		—		—	78	—		478
S. SÛDÂN																		
MALAKÂL	02	8	12	3	1	8	6,0	13		22					88	9	613	527
WÂU	03	7	18	4	1	8	6,5	13		24					94	2	716	750
JUBA	03	8	00	0	6	8	4	16		22					94	8	989	742

UPPER WINDS ON 4th — الرياح العليا يوم ٤

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
7 h. 45 m.	h. m.	h. m.	8 h. 53 m.	h. m.	8 h. m.	6 h. 30 m.	7 h. m.	7 h. 30 m.	h. m.	8 h. 30 m.	h. m.
03 34 20			02 32 20		02 00 00	03 31 10	02 32 10	09 06 15		09 20 30	
06 33 15			05 03 10		05 05 20	06 34 20	05 32 20	15 23 15		15 22 30	
09 28 10			10 32 20		10 35 20	09 06 35	10 32 20	21 34 20		21 25 25	
15 27 15			15 33 15		15 29 30	12 34 10	15 31 20			29 16 30	
21 05 20			20 35 10		20 33 20	15 33 20	20 26 35				
30 09 05			25 08 10			21 30 05	25 25 20				
			30 09 05			27 26 05	30 32 25				
			40 14 05			30 24 05					
			50 25 30								

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	7 h. m.	7 h. m.	8 h. 15 m.	8 h. 15 m.	7 h. m.
	09 31 15	09 19 15		09 26 15	09 18 10
	15 31 15	15 20 30		15 28 15	15 12 20
	21 33 05			21 30 10	21 05 20
	27 05 15			27 06 30	27 02 30
	33 05 30				33 09 30
	39 06 15				39 10 35

UPPER AIR TEMP. ALMÂZA AT 05 00 G.M.T. ON 4th

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	999	76	74
500	981	69	68
1000	963	72	65
1500	946	76	54
2000	929	78	54
4000	863	68	49
6000	800.5	58	41
8000	742	56	36
10000	687	53	33
12000	636.5	42	29
14000	587	35	29
16000	541.5	29	23

CYPRUS SYNOPTIC 8h. ON 4th

34800 00890 24200 06301 80705 00240
34700 00990 10700 06301 70001 00310

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.

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

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

ANNUAL SUBSCRIPTION P.T. 150

Sunset 18 46 — Month August 1946

DAILY WEATHER REPORT

شهر أغسطس ١٩٤٦

At 14h on Sunday 4th — الأحد ٤ / At 20h on 4th

Station	14h Present weather	Visibility	Wind Dir.	Wind Force	Past weather	Cloud Amount	Cloud Form	Bar press M.S.L. 1000+ mbs	Temp. °C	Humidity %	Rain 8-14 mms	20h Present weather	Visibility	Wind Dir.	Wind Force	Past weather	Cloud Amount	Cloud Form	Bar press M.S.L. 1000+ mbs	Temp. °C	Humidity %	Rain 14-20 mms	Station number
Mediterranean																							
SALUM																							130
MATRUH	00	9	32	2	0	0	-	9.6	29.0	74	0	00	8	30	2	0	0	-	10.0	26.6	80	0	131
MARIUT	00	7	28	3	0	0	-	8	30	74	0	00	7	29	1	0	0	-	8	29	79	0	150
ALEXANDRIA	00	9	26	2	0	0	-	8.3	29.0	71	0	01	6	00	0	1	3	4	9.1	26.0	90	0	132
DAMIETTA	00	7	28	3	1	0	-	7.2	31.1	72	0	00	7	28	1	0	0	-	7.8	26.6	93	0	159
PORT SAID	00	8	30	2	0	0	-	7.6	33.4	50	0	00	8	32	2	0	0	-	8.2	27.0	85	0	134
EL ARISH	00	9	30	4	0	0	-	7.4	31.9	47	0	00	9	30	4	0	0	-	7.8	26.9	86		135
Lower Egypt																							
DAMANHUR	00	6	24	3	0	0	-	7.8	34.8	52	0	00	7	32	2	0	0	-	8.2	27.8	72	0	136
MANSURA	00	8	08	2	1	0	-	7.1	35.5	35	0	00	6	32	2	1	0	-	8.6	27.8	62	0	137
TANTA	00	8	00	0	0	0	-	7.1	37.0	30	0	00	8	28	1	0	0	-	9.2	26.6	74	0	138
ZAGAZIG	00	6	16	1	0	0	-	7.5	35.5	27	0	00	6	16	2	0	0	-	8.7	28.0	62	0	139
SHEBIN EL KOM	00	7	22	2	0	0	-	7.5	36.5	36		00	9	22	2	0	0	-	7.4	30.4	67	0	—
Middle Egypt																							
Cairo ALMAZA	00	8	28	2	0	0	-	6.9	36.0	25	0	00	7	00	0	0	0	-	7.2	32.4	29	0	141
Cairo EZBEKIYA	00	8	30	1	0	0	-	7.5	35.7	26	0	00	7	00	0	0	0	-	8.2	31.6	39	0	—
Cairo GIZA	00	8	32	2	0	0	-	7.6	36.1	19	0	00	8	00	0	0	0	-	7.9	28.2	44	0	—
HELWAN	00	8	26	3	0	0	-	7.4	35.0	16	0	00	7	32	2	0	0	-	7.6	32.1	19	0	143
SUEZ	00	9	30	1	0	0	-	6.3	35.8	24	0	00	9	30	2	0	0	-	7.6	31.4	34	0	144
Upper Egypt																							
FAIYUM	00	8	30	2	0	0	-	7.0	36.8	14	0	00	8	02	1	0	0	-	7.5	30.5	29	0	153
MINYA	00	9	32	2	0	0	-	7.0	39.3	20	0	00	8	30	1	0	0	-	6.9	33.7	24	0	154
ASYUT	00	8	28	1	0	0	-	7.2	37.2	18	0	00	6	26	1	0	0	-	7.5	30.0	41	0	155
NAG HAMADI	00	8	00	0	0	0	-	6.8	36.8	21	0	00	8	00	0	0	0	-	6.6	27.0	52	0	164
QENA	00	9	32	1	0	0	-	6.6	39.6	21	0	00	6	24	1	0	0	-	6.0	30.0	47	0	156
LUXOR	00	7	22	2	0	0	-	5.6	40.0	18	0	00	6	28	2	0	0	-	7.1	31.2	22	0	157
ASWAN	00	9	24	2	0	0	-	5.8	39.0	10	0	00	9	30	1	0	0	-	6.7	35.6	09	0	158
Western Desert																							
SIWA	00	8	00	0	0	0	-	9.8	36.8	49	0	00	5	00	0	0	0	-	9.9	31.0	55	0	148
BAHARIYA												00		32	1	0	0	-	-	29.0	58	0	149
KHARGA	00	9	00	0	0	0	-	7.9	39.6	31	0	00	9	32	1	0	0	-	8.3	33.2	27	0	151
DAKHLA	00	9	28	1	0	0	-	7.6	38.5	18	0	00	7	28	1	0	0	-	9.4	29.0	23	0	152
Red Sea																							
TOR																							145
HURGHADA	00	8	04	2	0	0	-		33.7	38	0	00	8	00	0	0	0	-		32.2	41	0	146
QUSEIR	00	8	32	2	0	0	-	5.0	33.4	53	0	00	8	04	2	0	0	-	6.7	29.2	60	0	147
PORT SUDAN	01	8	12	3	1	5	8,4	5	39	52													169
North Sudan																							
WADI HALFA	01	8	04	2	1	3	8,1	6	41	9													165
KAREIMA	01	8	20	3	1	5	8,4	6	36	33													166
ATBARA	01	8	16	3	1	5	8,4	7	35	32													167
KHARTUM	02	8	22	4	2	5	8,4	7	33	41													168
KASSALA	02	7	32	1	1	6	8,4,5	9	28	66													170
Central Sudan																							
WAD MEDANI	02	8	16	5	1	5	8	8	31	55													171
RENK	01	9	12	3	1	4	8	-	29	55													182
ROSEIRES	50	8	16	3	2	8	7,5	-	24	94													172
EL OBEID	02	7	14	4	1	6	8,4	7	27	66													174
EL FASHER	10	9	00	0	1	6	8,4,5	-	29	52													175
GENEINA	07	8	22	1	1	5	8,4	-	28	68													179
KADUGLI	01	8	12	4	6	5	8	10	27	70													187
S. Sudan																							
MALAKAL	02	8	16	4	1	7	8	10	26	74													176
WAU	03	8	24	3	2	8	6,8	9	27	66													177
JUBA	10	8	12	2	6	8	6	13	23	41													178

Upper Winds are in the Code HHDDVV where HH is height above Sea Level in hundreds of metres, DD is direction East of North in tens of degrees, VV is velocity in kilometres per hour.

Upper winds on 4th

Matruh 13h 15m	Mariut 12h 45m	Port Said	Almaza	Minya	Luxor 12h 30m	Hurghada	Wadi Halfa 13h 15m	Kareima 11h 15m	Khartum 12h 30m	Kassala 14h	El Obeid 13h 30m	Malakal	Juba
03 33 25	03 23 20				03 28 90		09 25 05	09 19 20	09 19 20	12 13 10	09 20 15		
06 32 25	06 10 05				06 23 45		15 25 10	15 14 15	15 17 20				
07 29 15	09 15 15				09 22 45		21 18 05	21 11 20					
12 36 05	15 07 15				12 24 20		27 24 10	27 11 25					
15 07 10	18 17 20				15 23 30		33 23 25	33 12 40					
21 07 20													
27 05 30													
45 03 15													
60 02 15													

Remarks

Hours are Egyptian standard time long 30°E and are two hours fast on Greenwich mean time.

Discharge at Aswan measured by sluices m³ per sec.	Date	1946	1945
	5-8	4847	2718
	4-8	4635	2778

Station	Mean of day: Humidity % on 4th	Diff from normal	Wet bulb temp °C on 4th	Diff from normal
Alexandria	81	+7	24.4	+1.1
Ezbekiya	49	-11	21.9	-0.8
Giza	55	-6	20.9	-1.5
Helwan	41	-9	18.9	-1.7

GIZA — Grass minimum temp. on 5th: 16.5 °C

CAIRO — Water temp. River Nile at 8h on 5th: 28.0 °C

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	5-8-1946	13.75	+0.06	13.82	+0.20
Nâsser		9.56	-0.02	9.53	-0.03
Malakâl		11.57	-0.07	11.54	-0.08
J. Aulia Res		376.07	-	375.91	-
J. Aulia D.S		375.20	+0.90	375.19	+1.04
Roseires		20.90	+1.59	19.90	+1.15
Sennar Res.		17.19	-	17.20	-
Khartûm		15.71	+1.06	15.68	+1.17
Kh. el Girba		16.15	+2.35	14.60	+0.80
Atbara		15.36	+1.61	14.97	+1.35
Kajnarti		129.80	+1.59	129.00	+0.90
Aswân Res.		99.00	-	99.60	-
Aswân D.S		89.74	+0.54	89.62	+0.62
Roda (Cairo)		17.46	+1.22	17.36	+1.14

At 8h on Monday 5th — الاثنين ٥

Station	Present weather	Visibility	Wind Dir.	Wind Force	Past weather	Cloud Amount	Cloud Form	Bar pressure M.S.L. 1000+ mbs	Diff. from normal mbs	Dry bulb °C	Max. Yesterday °C	Diff from norm.	Min. Today °C	Diff from norm.	Humidity %	Rainfall past 24 hrs mms	Since 1 Oct. mms	Normal since 1 Oct. mms
Mediterranean																		
SALUM											—		—					99
MATRUH	00	9	32	2	0	0	-	11.2	+1.1	27.6	29	+1	25	+3	76	0	101	161
MARIUT	01	7	30	1	1	4	6	9		28	31	—	25	—	79	0	187	138
ALEXANDRIA	02	9	00	0	2	5	8	10.0	+0.3	27.4	31	+1	24	+1	75	0	170	186
DAMIETTA	00	7	22	1	0	0	-	8.8	+0.2	28.0	35	—	22	—	82	0	81	106
PORT SA'ID	01	8	28	3	1	4	2	9.0	+0.9	27.9	34	+2	24	0	82	0	71	81
EL 'ARÎSH	01	9	18	1	1	4	3	8.8	+0.1	29.8	32	+1	19	-2	65	0	-	94
Lower Egypt																		
DAMANHÛR	01	6	28	2	1	3	1	9.4	+0.1	27.3	37	+4	22	+2	79	0	92	101
MANSÛRA	01	8	32	1	1	4	8	9.8	+1.0	27.0	37	+2	21	0	80	0	66	55
TANTA	00	8	26	2	0	0	-	9.6	+0.3	26.8	37	+2	19	-1	80	0	107	44
ZAGAZIG	00	6	32	1	0	0	-	9.5	+0.1		36	+1	21	+1	65	0	24	27
SHEBÎN EL KÔM	00	8	02	1	1	1	8	9.2	-0.1	27.2	38	—	21	—	76	0	36	—
Middle Egypt																		
Cairo ALMAZA	05	6	04	1	0	0	-	9.5	+0.4	26.3	38	—	23	—	79	0	10	—
Cairo EZBEKÎYA	05	6	02	2	0	0	-	9.9	+0.8	27.8	37	+1	23	+1	70	0	22	26
Cairo GÎZA	00	8	32	2	0	0	-	9.8	+0.8	27.8	38	+3	20	0	71	0	41	27
HELWÂN	00	7	00	0	0	0	-	9.0	-0.1	29.4	37	+2	23	+2	41	0	20	29
SUEZ	00	8	00	0	0	0	-	10.0?	+1.8	30.2	37	+1	22	-1	49	0	-	17
Upper Egypt																		
FAIYÛM	00	8	00	0	0	0	-	9.4	0.0	29.2	38	+2	23	+2	46	0	13	8
MINYA	00	9	02	2	0	0	-	9.1	+0.3	28.8	39	+3	22	0	46	0	dr	—
ASYÛT	00	7	00	0	0	0	-	10.0?	+1.6	30.0	38	+1	23	0	41	0	0	4
NAG HAMÂDI	00	8	00	0	0	0	-	9.5	+2.5	33.3	38	—	19	—	32	0	1	—
QENA	00	8	24	1	0	0	-	8.7	+1.7	33.6	40	0	22	-2	21	0	13	—
LUXOR	00	7	28	2	0	0	-	9.2	+2.5	34.0	41		21		13	0	0	—
ASWÂN	00	9	00	0	0	0	-	9.1	+2.1	32.0	41	0	26	0	24	0	dr	-
Western Desert																		
SÎWA	00	7	00	0	0	0	-	11.9	+0.2	27.6	39	+1	20	-1	80	0	5	8
BAHARÎYA	00	9	00	0	0	0	-	-	-	30.2	44	+3	21	+1	62	0	0	7
KHÂRGA	00	9	32	1	0	0	-	8.6	+0.5	31.5	41	+1	22	-1	24	0	1	—
DÂKHLA	00	8	24	1	0	0	-	9.8	+1.2	30.0	40	+1	21	-2	21	0	0	—
Red Sea																		
TÔR																	0	13
HURGHÂDA	00	8	30	2	0	0	-			32.2	36	+1	25	0	27	0	1	3
QUSEIR	00	8	04	1	0	0	-	6.8	+0.6	32.4	35	+1	27	0	42	0	11	4
PORT SÛDÂN	01	9	00	0	1	4	4	7		36					50	0	62	102
North Sûdân																		
WÂDI HALFA	00	8	22	2	0	3	4	9		32					43	0	tr	—
KAREIMA	00	8	20	3	0	3	4	9		36					37	0	19	12
ATBARA	01	8	18	3	1	4	4,5	10		28					58	0	68	30
KHARTÛM	01	8	20	4	2	3	4,5	12		26					70	0	137	77
KASSALA	02	8					4,5	13		23					84	0	211	162
Central Sûdân																		
WAD MEDANI	02	9	18	5	1	8	9	12		24					84	0	296	214
RENK	02	9	16	3	2	6	7,5	-		23		—		—	84	—		311
ROSEIRES	02	8	16	1	5	7	7,5	-		22					94	3	420	461
EL OBEID	02	9	16	3	1	6	6,4	12		22					84	0	253	186
EL FÂSHER	02	9	14	1	1	7	6,4,5	—	—	22					84	4	110	158
GENEINA	64	7	16	2	6	8	6,5	—	—	19		—		—	95	R	-	286
KADUGLI	02	8	50	4	6	7	8	13		21		—		—	94	R	-	483
S. Sûdân																		
MALAKÂL	02	8	00	0	8	8	6,4,5	15		22					94	2	615	534
WÂU	02	8	16	1	1	7	4,5	14		21					94	6	722	757
JUBA	02	7	00	0	1	8	6,5	15		22					94	3	992	746

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

Upper winds on 5th — الرياح العليا

Matrûh 6h	Mariut	Port Said 7h	Helwan 9h	[illegible]	Asyut 7h	[illegible] 7h 30m	Aswân 7h	[illegible] 7h 30m	[illegible] 7h	[illegible] 7h	[illegible] 7h 30m
03 35 20		03 30 15	02 35 15		02 26 10	03 09 05	05 36 05	09 22 15	09 21 20	09 18 20	09 20 40
06 35 25		06 20 15	05 26 10		05 07 05	06 02 20	10 06 25	15 06 05	15 22 10	15 17 10	15 20 25
09 35 30		09 29 15	08 03 10		10 05 10	09 36 15	15 29 20	21 09 05	21 06 15	21 11 10	21 13 25
15 36 35		12 30 05	10 01 10		15 32 05	12 22 20	20 30 30	27 16 05	27 08 15	27 07 20	24 13 30
21 33 15		15 35 15	15 06 05			15 29 30	25 29 35	33 34 05	33 08 30	33 08 30	
30 02 20		18 34 15	20 10 05			18 29 25	30 28 -	39 10 05		39 12 35	
45 02 20		21 35 15	25 29 15			21 28 35					
60 22 30		24 36 20	30 19 10			24 27 25					
66 22 20		27 35 15	40 19 35			27 27 35					

Kassala	Port Sûdân 7h	El Obeid 7h 15m	El Fâsher 7h	Geneina	Malakal 7h
	09 31 30	09 22 25	03 16 10		09 19 20
	15 30 15	18 19 30	15 13 05		15 23 35
	21 02 10	21 15 20	19 14 05		21 23 50
	33 05 15	27 12 20			27 24 40
	36 06 40	33 14 30			33 24 45

Cyprus synoptic 8h on 5th

34700	00990	08100	06311	70002	00270
34800	00990	30200	07311	70200	00240

Upper air temp. Almâza at 5h G.M.T. on 5-8

Height (feet)	PPP (m.b.)	TT	[illegible]
Surface	1000	77	73
500	982	72	69
1000	964	80	62
1500	947	82	60
2000	930	80	62
4000	864	70	54
6000	801	60	46
8000	743	49	39
10000	688	50	32
12000	636	42	27
14000	588	38	27
15000	548	32	26

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	[illegible]	[illegible]
Strong gale	66-75	9
Whole gale	76-90	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.

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	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

[illegible]

Trace	1
1 [illegible]	2
2, 3 [illegible]	3
4, [illegible]	4
Overcast	8
Fog [illegible]	9

Cloud form (C)

Cirrus	[illegible]
Cirro-stratus	[illegible]
Cirro-cumulus	[illegible]
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

ANNUAL SUBSCRIPTION P.T. 150

Time of Sunrise 05 h. 16 m.
Sunset 18 45

Month August 1946

DAILY WEATHER REPORT

شهر اغسطس ١٩٤٦

At 14h. on 5th — At 20h. on Monday 5th — الساعة ٢٠ يوم الاثنين ٥

STATION	14h Present Weather ww	Visibility V	Wind Dir. dd	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. 1000+ mbs. PPP	Temp °C TTT	Humidity % UU	Rain 8-14 mms	20h Present Weather ww	Visibility V	Wind Dir. dd	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	Temp °C TTT	Humidity % UU	Rain 14-20 mms	Station Number
SALÛM																							130
MATRÛH	00	9	02	2	0	0	—	11.2	29.2	69	0	00	8	28	1	0	0	—	11.4	26.6	76	0	131
MARIUT	00	7	27	3	0	1	6	9	29	74	0	00	7	28	2	0	0	—	9	26	84	0	150
ALEXANDRIA	00	9	27	2	0	0	—	9.9	29.6	68	0	00	6	32	3	0	0	—	10.3	26.6	80	0	132
DAMIETTA	00	7	28	3	0	0	—	8.2	30.5	72	0	00	7	28	1	0	0	—	8.7	26.6	93	0	159
PORT SAÏD	00	8	32	2	0	0	—	8.2	32.0	70	0	00	8	28	2	0	0	—	9.0	27.0	84	0	134
EL 'ARÎSH	00	9	28	3	0	0	—	8.2	30.1	76	0	00	9	28	2	0	0	—	8.2	27.2	—	0	135
DAMANHÛR	00	6	28	3	0	0	—	8.8	35.6	45	0												136
MANSÛRA	01	8	04	2	1	3	8	8.4	36.8	22	0	00	6	32	2	1	0	—	9.5	27.6	76	0	137
TANTA	00	8	00	0	0	0	—	8.9	36.4	31	0	00	8	28	1	0	0	—	10.3	26.0	76	0	138
ZAGAZIG	00	6	24	1	0	0	—	8.2	37.5	27	0	00	6	24	2	0	0	—	10.0	25.0	63	0	139
SHEBÎN EL KÔM	00	8	02	2	0	0	—	8.4	37.4	22	0	00	7	02	2	0	0	—	8.8	28.2	73	0	—
ALMAZA	00	8	28	4	0	0	—	7.8	36.9	26	0	00	7	02	3	0	0	—	8.5	31.9	52	0	141
EZBEKÎYA	00	8	30	2	0	0	—	8.4	37.0	14	0	00	8	32	2	0	0	—	8.7	32.2	47	0	—
GÎZA	00	8	30	2	0	1	8	8.6	37.1	16	0	00	8	32	2	0	0	—	8.8	31.5	48	0	—
HELWÂN	00	8	26	3	0	0	—	8.2	36.3	12	0	00	7	32	4	0	0	—	8.2	33.2	26	0	143
SUEZ	00	9	32	2	0	0	—	7.9	35.8	22	0	00	9	30	2	0	0	—	9.2	32.4	37	0	144
FAIYÛM	00	8	26	2	0	2	8	7.9	37.2	15	0	00	8	00	0	0	0	—	8.0	30.0	43	0	153
MINYA	00	9	30	2	0	0	—	7.8	40.0	16	0	00	8	32	1	0	0	—	7.6	32.3	31	0	154
ASYÛT	00	8	28	1	0	0	—	8.3	35.7	22	0	00	6	28	1	0	0	—	8.0	30.0	41	0	155
NAG HAMÂDI	00	8	00	0	0	0	—	7.2	37.9	21	0	00	8	00	0	0	0	—	7.1	28.1	50	0	164
QENA	00	9	22	2	0	0	—	6.0	39.8	17	0	00	6	24	1	0	0	—	6.6	30.8	37	0	156
LUXOR	00	7	14	2	0	0	—	6.7	44.5	18	0	00	6	28	2	0	0	—	6.4	32.0	77	0	157
ASWÂN	00	9	30	1	0	0	—	6.3	46.0	12	0	00	9	30	1	0	0	—	6.4	36.4	09	0	158
SÎWA	00	8	00	0	0	0	—	11.1	37.6	48	0	00		00	0	0	0	—	11.0	34.0	56	0	148
BAHARÎYA	00	9	00	0	0	0	—	—	35.0	32	0	00		32	1	0	0	—	10.9	29.2	50	0	149
KHÂRGA	00	9	24	1	0	0	—	7.8	41.5	—	0	00	9	32	1	0	0	—	8.4	34.5	20	0	151
DÂKHLA	00	9	24	1	0	0	—	7.6	38.3	18	0	00	7	24	2	0	0	—	10.0	30.5	20	0	152
TÔR																							145
HURGHÂDA	00	8	02	2	0	0	—		34.9	31	0	00	8	00	0	0	0	—		33.8	34	0	146
QUSEIR	00	8	32	2	0	0	—	7.0	34.2	50	0	00	8	12	2	0	0	—	6.7	30.0	59	0	147
PORT SÛDÂN	01	8	06	3	1	3	8	5	37	45													169
WÂDI HALFA	01	8	32	1	1	3	8,4	6	41	13													165
KAREIMA	91	8	20	4	1	4	9,4	7	37	29													166
'ATBARA	02	8	20	2	1	5	6,4	7	37	31													167
KHARTÛM	10	8	16	3	2	5	9,4	9	31	46													168
KASSALA	64	8	24	2	6	8	7	11	26	79													170
WAD MEDANI	01	8	18	5	1	5	8	7	32	43													171
RENK	02	8	16	3	2	8	7,5	10	23	84													182
ROSEIRES	02	8	16	2	5	6	5	—	24	84													172
EL OBEID	02	9	18	3	6	7	9,4	10	23	94													174
EL FÂSHER	10	8	12	4	8	6	9	—	27	66													175
GENEINA	81	7	20	3	6	8	9	—	22	78													179
KADUGLI	01	8	20	4	1	4	9	11	27	66													187
MALAKÂL	02	8	00	0	1	7	7,4	11	27	70													176
WÂU	02	8	16	3	1	6	8,4	10	27	58													177
JUBA	02	8	20	3	1	8	8,4	11	25	79													178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East or North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 5th

MATRÛH 12h. 30m.	MARIUT	PORT SAÏD 12h. 30m.	ALMÂZA	MINYA	LUXOR 12h. 30m.	HURGHÂDA	WÂDI HALFA 11h. 15m.	KAREIMA 13h.	KHARTÛM 13h.	KASSALA	EL OBEID 13h.	MALAKAL 13h.	JUBA 13h.
03 02 15		03 27 15			03 31 05		09 23 10	09 16 15	09 11 20		09 22 15	09 23 10	09 03 10
06 01 20		06 26 30			06 30 05		15 23 10	15 16 20	15 16 30		15 24 10	15 25 20	15 04 15
09 01 20		09 24 20			09 32 05		21 06 05	21 15 15	18 15 20			21 24 30	21 07 10
15 35 30		12 25 15			12 31 15		27 16 05	27 12 15				27 25 05	27 12 05
21 32 20					15 32 15			33 11 10				33 25 40	33 20 15
30 05 05					18 31 30			39 12 10				39 24 40	39 25 15
42 32 15					21 31 25								
					24 30 30								
					27 31 40								

	5th	Diff	5th	Diff
	75	+1	24.5	+1.2
	53	-7	22.7	+0.2
Giza	55	-7	22.7	+0.3
Helwan	31	-19	19.9	-0.8

GIZA — GRASS MINIMUM TEMP. ON 6th 19.0 °C

CAIRO — WATER TEMP. RIVER NILE at 8h. ON 6th 28.0 °C

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	6.8	5175	3010
	5.8	4847	2778

Station	Reading	Diff. from norm	Reading	Diff. from norm
			13.75	+0.06
Nâsir			9.56	-0.02
Malakâl	11.59	-0.06	11.57	-0.07
J. Aulia Res.			376.07	
J. Aulia D.S.			375.20	+0.90
Roseires	20.80	+1.95	20.40	+1.57
Sennar Res.			17.19	
Khartûm	18.56	+0.82	15.71	+1.06
Kh. el Girba			16.15	+2.35
'Atbara	15.64	+1.75	15.36	+1.61
Kajnarti			139.84	+1.59
Aswân Res.	99.00		97.00	
Aswân D.S.	90.08	+0.63	89.74	+0.54
Roda (Cairo)	17.48	+1.19	17.46	+1.22

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on Tuesday 6th — الساعة ٨ يوم الثلاثاء ٦

STATION	Present Weather ww	Visibility V	Wind Dir. dd	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs.	Diff from normal mbs.	Dry Bulb °C	Max. Yesterday °C	Diff from norm °C	Min. Today °C	Diff from norm °C	% Humidity	Rain Past 24 hrs mms.	Total from Oct. 1 mms.	Norm. from Oct. 1 mms.
SALÛM												—		—				99
MATRÛH	00	9	28	3	0	0	—	10.8	+0.6	27.7	30	+2	21	-1	78	0	101	161
MARIUT	00	7	29	3	0	0	—	9		28	29	—	25	—	70	0	147	138
ALEXANDRIA	00	9	30	3	0	0	—	9.9	+0.3	27.0	31	+1	26	+3	72	0	170	186
DAMIETTA	01	7	30	2	1	4	8	8.7	+0.1	28.0	33	—	23	—	85	0	81	106
PORT SAÏD	02	8	26	2	2	5	6	8.7	+0.6	27.4	33	+1	26	+2	80	0	71	81
EL 'ARÎSH	01	9	20	3	1	3	3	8.4	-0.4	29.8	32	+1	22	+1	70	0	—	74
DAMANHÛR	00	6	28	3	0	0	—	9.2	-0.1	27.8	36	+3	22	+2	73	0	92	101
MANSÛRA	02	8	16	2	2	5	8	9.2	+0.3	28.0	38	+3	22	+1	76	0	66	55
TANTA	00	8	00	0	0	0	—	9.6	0.0	27.3	37	+2	21	+1	80	0	107	44
ZAGAZIG	01	6	24	2	1	5	8	9.5	0.0	27.5	37	+2	21	+1	80	0	24	27
SHEBÎN EL KÔM	00	8	30	2	0	0	—	9.2	-0.1	29.3	39	—	23	—	67	0	36	
CAIRO ALMAZA	01	7	30	2	2	4	6	9.8	+0.7	27.0	39	—	24	—	77	0	10	—
CAIRO EZBEKÎYA	05	6	26	1	1	4	6	10.2	+1.1	28.2	38	+3	24	+2	64	0	22	26
CAIRO GÎZA	07	6	28	2	2	4	6	10.3	+1.3	26.7	38	+3	23	+3	84	0	41	27
HELWÂN	07	6	00	0	1	3	0	10.3	+1.2	25.7	37	+2	23	+2	77	0	20	29
SUEZ	00	9	02	1	0	0	—	10.0	+1.7	29.7	38	+2	23	0	55	0	—	17
FAIYÛM	00	8	30	2	0	0	—	10.3	+0.9	27.0	38	+2	23	+2	66	0	13	8
MINYA	00	9	02	2	0	0	—	9.5	+0.7	29.1	40	+4	23	+1	62	0	[illegible]	—
ASYÛT	00	7	00	0	0	0	—	9.8	+1.4	29.7	38	+1	23	0	48	0	0	4
NAG HAMÂDI	00	8	00	0	0	0	—	7.2	+2.1	29.1	39	—	19	—	49	0	1	—
QENA	00	8	30	2	0	0	—	8.4	+1.4	30.2	41	+1	23	-1	37		13	—
LUXOR	00	7	28	1	0	0	—	8.8	+2.1	33.0	43	+2	22	-1	16	0	0	—
ASWÂN	00	9	00	0	0	0	—	8.2	+1.2	34.5	42	+1	27	+1	21	0	[illegible]	—
SÎWA	00	7	00	0	0	0	—	12.8	+1.0	27.0	40	+2	21	0	84	0	5	8
BAHARÎYA	00	9	00	0	0	0	—	10.6	+0.5	30.2	37	0	22	+2	52	0	0	7
KHÂRGA	00	9	08	1	0	0	—	9.6	+1.7	29.5	42	+2	22	-1	33	0	1	—
DÂKHLA	00	8	24	2	0	0	—	10.6	+1.9	31.7	40	+1	24	+1	22	0	0	—
TÔR																		13
HURGHÂDA	00	8	30	2	0	0	—			33.6	37	+2	24	-1	30	0	1	3
QUSEIR	00	8	02	1	0	0	—	6.7	+0.5	31.7	35	+1	27	0	43	0	11	4
PORT SÛDÂN	01	8	24	3	1	4	1	8		36					35		62	102
WÂDI HALFA	00	8	22	3	0	0	—	9		34					36	0	6	—
KAREIMA	01	8	20	2	1	5	4	10		29					66	Tr	19	13
'ATBARA	01	8	24	2	1	3	4	11		28					70	0	68	32
KHARTÛM	01	8	16	2	2	3	4	12		27					70	0	137	80
KASSALA	02	8	16	3	1	5	4	12		24					84	6	217	166
WAD MEDANI	02	9	16	1	1	7	9	13		24					64	6	302	220
RENK	01	9	18	3	2	4	4	—		24		—		—	74	—		315
ROSEIRES	02	8	16	1	2	6	6	15		22					74	2	422	467
EL OBEID	01	9	18	4	1	5	8,4	12		24					84	4	257	190
EL FÂSHER	03	9	14	2	6	8	6	—	—	21					75	1	111	163
GENEINA	60	6	20	1	6	8	9	—	—	19		—		—	74	R		294
KADUGLI	02	8	12	3	1	7	9	14		24		—		—	74	—		488
MALAKÂL	03	8	14	2	1	8	4	14		23					94	1	616	541
WÂU	02	8	20	1	1	6	4	14		23					84	0	722	764
JUBA	03	8	12	1	6	8	6,4	16		22					74	Tr	992	750

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East or North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 6th

MATRÛH 7h.	MARIUT	PORT SAÏD	HELWÂN 9h. 16m.	MINYA	ASYÛT 7h.	LUXOR	ASWÂN 7h.	WÂDI HALFA	ABU HAMAD 7	KAREIMA 7	KHARTÛM 7
03 31 15			02 28 05		02 28 05		02 35 10		09 27 20	09 22 15	09 23 30
06 27 10			05 31 10		05 23 05		05 35 15		15 30 10	15 03 10	15 20 15
09 26 15			10 30 15				10 35 15		21 34 10	21 04 15	21 12 20
15 27 30			15 32 20				15 27 10		27 33 10	27 07 15	24 11 30
21 24 20			20 33 30				20 27 20		33 35 05	33 10 15	30 12 35
30 27 10			25 33 30				25 27 40		39 05 05	39 13 20	39 13 35
							30 24 55				

KASSALA 7	PORT SÛDÂN 7	EL OBEID	EL FASHER 7	GENEINA	MALAKAL 7 15
12 24 05	09 30 20		09 17 10		09 20 20
	15 34 30		12 17 25		15 23 20
	21 36 30		15 20 40		21 25 15
	27 01 30		21 22 80		27 24 20
	33 04 05		27 21 20		33 25 20
			33 11 10		39 27 20

UPPER AIR TEMP. ALMAZA 05 30 on 6th

Height			
Surface	1000	79	76
500	942	73	71
1000	964	70	69
1500	947	80	61
2000	930	80	60
4000	864	72	55
6000	601	62	49
8000	743	50	42
10000	655	46	32
12000	636	42	28
14000	586	38	27
16000	542	37	27

CYPRUS SYNOPTIC 8h. ON 6th

34800 00970 16100 06272 30603 00922
34700 00990 24200 05311 50903

Strong gale 68-75 9
Whole gale 76-90 10
Storm 91-104 11
Hurricane over 104 12

WIND DIRECTION (DD) is on Scale 01-36 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

ANNUAL SUBSCRIPTION P.T. 150

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4

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

Sunset h. m. 18 44

Month *August* 1946

DAILY WEATHER REPORT

شهر أغسطس ١٩٤٦

At 14h. on *Tuesday 6th* الساعة ١٤ يوم ٦ — At 20h. on *6th* الساعة ٢٠ يوم الثلاثاء ٦

Station	14h ww	V	Wind Dir. DD	Force F	Past Weather W	Cloud Amount N	Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 h. mms	20h ww	V	Wind Dir. DD	Force F	Past Weather W	Cloud Amount N	Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20 h. mms	Station Number
Mediterranean																							
SALUM																							130
MATRÛH	00	9	30	2	0	0	—	9.8	27.0	84	0	00	8	28	3	0	0	—	9.0	26.4	77	0	131
MARIUT	00	7	26	4	0	0	—	9	30	66	0	00	7	32	1	0	0	—	8	26	79	0	150
ALEXANDRIA	00	9	28	2	0	0	—	9.6	30.4	59	0	00	6	04	2	0	0	—	8.2	27.0	69	0	132
DAMIETTA	00	7	28	4	1	0	—	9.2	30.2	70	0	00	7	28	3	0	0	—	7.5	26.2	84	0	159
PORT SA'ID	00	8	28	3	0	0	—	7.4	31.2	68	0	00	8	26	4	0	0	—	7.5	27.2	75	0	134
EL 'ARISH	00	9	32	4	0	0	—	7.4	30.5	69	0	00	9	30	3	0	0	—	7.9	26.7	75	0	135
Lower Egypt																							
DAMANHÛR	00	7	28	4	0	0	—	9.1	33.2	46	0	00	6	28	2	0	0	—	8.4	27.0	78	0	136
MANSÛRA	00	8	02	2	1	0	—	8.2	35.0	36	0	00	6	02	2	0	0	—	8.8	26.8	67	0	137
TANTA	00	8	24	2	0	0	—	8.7	34.4	24	0	00	8	28	1	0	0	—	8.7	27.0	76	0	138
ZAGAZIG	00	6	24	2	0	0	—	8.2	35.1	42	0	00	6	24	2	0	0	—		29.0	64	0	139
SHEBÎN EL KÔM	00	8	30	2	9	0	—	8.2	36.2	32	0	00	7	30	2	0	0	—	7.9	27.2	39	0	—
Middle Egypt																							
CAIRO ALMAZA	00	8	28	2	0	1	8	7.7	36.1	40	0	00	7	02	2	0	0	—	7.8	31.8	36	0	141
CAIRO EZBEKIYA	00	9	30	2	0	2	8	8.6	35.9	29	0	00	7	02	2	0	0	—	8.4	30.9	38	0	—
CAIRO GÎZA	00	8	26	2	0	1	8	8.2	36.2	29	0	00	8	02	1	0	0	—	8.2	28.9	50	0	—
HELWÂN	00	8	28	4	0	1	8	7.6	36.2	25	0	00	7	32	3	0	0	—	7.2	31.1	28	0	143
SUEZ	00	9	30	2	0	0	—	7.9	36.5	25	0	00	4	00	0	0	0	—	8.4	31.2	40	0	144
Upper Egypt																							
FAIYÛM	00	8	32	2	0	2	8	7.9	36.5	23	0	00	8	00	0	0	0	—	7.5	31.0	32	0	153
MINYA	00	9	28	3	0	0	—	8.2	38.2	16	0	00	8	30	1	0	0	—	6.4	33.4	27	0	154
ASYÛT	00	8	32	1	0	0	—	8.2	37.2	22	0	00	6	26	1	0	0	—	7.8	30.2	30	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	6.8	37.8	19	0	00	8	00	0	0	0	—	7.1	26.2	60	0	164
QENA	00	9	26	2	0	0	—	6.0	40.0	17	0	00	6	30	1	0	0	—	5.9	35.0	28	0	156
LUXOR												00	6	28	2	0	0	—	6.2	34.0	22	0	157
ASWÂN	00	9	30	1	0	0	—	5.4	41.4	09	0	00	9	30	2	0	0	—	5.8	36.8	08	0	158
Western Desert																							
SÎWA	00	8	24	4	0	0	—	4.6	35.4	45	0	00	5	00	0	0	0	—	10.0	32.6	43	0	148
BAHARÎYA												00		00	0	0	0		—	27.0	49	0	149
KHÂRGA	00	9	24	1	0	0	—	8.4	40.0	16	0	00	9	24	1	0	0	—	9.2	33.7	26	0	151
DAKHLA	00	9	24	1	0	0	—	8.2	38.7	18	0	00	7	24	2	0	0	—	10.2	31.5	22	0	152
Red Sea																							
TÔR																							145
HURGHÂDA	00	8	32	3	0	0	—		34.7	33	0	00	8	32	2	0	0	—		33.1	37	0	146
QUSEIR	00	8	32	2	0	0	—	2.9	34.3	51	0	00	8	32	2	0	0	—	5.5	32.5	28	0	147
PORT SÛDÂN	00	9	24	3	1	2	8	4	42	27													169
North Sûdân																							
WÂDI HALFA	00	8	30	2	0	2	4	6	43	14													165
KAREIMA	01	8	00	0	1	4	8,4	7	38	21													166
'ATBARA	02	8	24	2	1	7	6,2	6	36	25													167
KHARTÛM	02	8	20	4	1	6	8,4	9	33	33													168
KASSALA	02	8	18	1	1	8	9,4,1	9	30	59													170
Central Sûdân																							
WAD MEDANI	01	8	16	2	1	5	8	8	32	42													171
RENK	01	9	20	2	1	4	8	—	29	57													182
ROSEIRES	01	8	14	1	1	4	8	10	29	59													172
EL OBEID	02	9	18	3	1	6	4,1	9	29	52													174
EL FASHER	10	9	20	3	1	6	8	9	27	70													175
GENEINA	52	7	22	2	6	8	6	—	22	83													179
KADUGLI	02	8	28	2	6	6	9	10	24	84													187
S. Sûdân																							
MALAKAL	10	8	20	3	1	7	9,4	4	26	78													176
WÂU	02	7	16	1	1	5	8,4	4	27	66													177
JUBA	52	8	22	3	5	8	6	14	22	94													178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

UPPER WINDS ON 6th الثلاثاء

MATRÛH 13h. m.	MARIUT h. m.	PORT SA'ÎD 12h. 30m.	ALMÂZA h. m.	MINYA h. m.	LUXOR 12h. 30m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA 18h. m.	KHARTÛM 18h. m.	KASSALA h. m.	EL OBEID 18h. m.	MALAKAL 18h. m.	JUBA h. m.
03 30 15		03 32 30			03 32 15			09 12 20	09 21 15		09 20 20	09 25 15	
06 27 15		06 31 20			06 30 05			15 20 05	15 19 15		15 23 [illegible]	15 21 30	
09 23 25		09 28 42			09 29 05			21 08 05			21 17 [illegible]	21 14 15	
15 21 18		12 27 30			12 31 05			24 03 05			27 13 10	27 36 05	
21 26 20		15 30 35			15 30 20						33 13 10		
27 25 20		21 31 45			18 30 30						39 13 15		
30 27 20		24 31 40			21 30 25								
					24 28 35								
					27 29 40								

Hours are [illegible] standard time [illegible] and are two hours [illegible] Greenwich [illegible] time

Station	Humidity %	Diff. from normal	[illegible] °C	Diff. from normal
	6th		6th	
Almaza 8h	68	-6	23.6	+0.3
Ezbekiya	[illegible]	-1[illegible]	22.4	-0.2
Giza	[illegible]	[illegible]	23.1	+0.7
Helwan	43	-1	21.2	+[illegible]

GÎZA — GRASS MINIMUM TEMP. ON 7th 16.0 °C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON 7th 28.1 °C

Discharges at Aswan measured by sluices m³ per sec.	Date	1946	1945
	7-8	6367	3845
	6-8	5195	3010

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Jûba	7-8-1946			14.02	+0.32
Nasser				9.60	0.00
Malakâl		11.60	-0.06	11.59	-0.06
J. Aulia Res.				375.99	-
J. Aulia D.S				375.19	+0.71
Roseires		21.77	+2.88	20.80	+1.95
Sennar Res.				17.18	-
Khartûm		15.50	+0.66	15.56	+0.82
Kh. el Girba					
'Atbara		15.62	+1.62	15.64	+1.75
Kajnarti				140.66	+2.16
Aswân Res.		99.00	-	99.00	-
Aswân D.S		90.73	+1.28	90.08	+0.63
Roda (Cairo)		17.46	+1.08	17.48	+1.14

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on *Wednesday 7th* الساعة ٨ يوم الأربعاء ٧

Station	ww	V	Wind Dir. DD	Force F	Past Weather W	Cloud Amount N	Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Diff. from norm °C	Min. Today °C	Diff. from norm °C	% Humidity UU	Rain Past 24 hrs mms.	Total From Oct. 1 mms.	Norm From Oct. 1 mms.
Mediterranean																		
SALÛM												—		—				99
MATRÛH	00	9	28	3	0	0	—	7.8	-3.0	27.0	28	0	21	-1	81	0	101	161
MARIUT	00	9	28	2	0	0	—	6.7	-3.1	26.8	31	—		—			187	138
ALEXANDRIA	00	9	28	2	0	0	—	6.7	-3.0	26.8	31	+1	24	+1	75	0	170	186
DAMIETTA	01	7	20	2	1	3	8	5.9	-2.8	27.6	32	—	21	—	84	0	81	106
PORT SA'ÎD	00	8	22	4	0	0	—	5.8	-2.4	26.5	34	+2	24	0	77	0	71	81
EL 'ARÎSH	00	9	34	3	0	0	—	6.0	-2.8	29.8	32	+1	22	+1	66	0	—	94
Lower Egypt																		
DAMANHÛR	00	7	30	3	0	0	—	6.3	-3.0	27.3	34	+1	20	0	75	0	92	101
MANSÛRA	00	8	18	2	0	0	—	6.3	-2.6	27.8	36	+1	21	0	70	0	66	65
TANTA	00	8	28	1	0	0	—	7.8	-2.5	27.0	36	0	19	-1	76	0	107	44
ZAGAZIG	00	0	24	2	0	0	—	6.3	-3.2	29.0	35	0	21	+1	66	0	24	27
SHEBÎN EL KÔM	00	8	26	1	0	0	—	6.7	-2.7	28.2	37	—	21	—	70	0	36	—
Middle Egypt																		
CAIRO ALMAZA	00	7	28	1	0	0	—	6.6	-2.6	26.6	37	—	22	—	64	0	10	—
CAIRO EZBEKÎYA	05	6	28	1	0	0	—	7.1	-2.1	27.1	36	+1	23	+1	54	0	22	26
CAIRO GÎZA	00	6	28	1	0	0	—	7.2	-1.9	27.8	37	+2	20	0	64	0	41	27
HELWÂN	05	6	00	0	0	0	—	7.1	-2.1	26.8	36	+1	22	+2	42	0	20	29
SUEZ	00	9	00	0	0	0	—	7.5	-0.8	30.2	39	+3	22	-1	46	0	—	17
Upper Egypt																		
FAIYÛM	00	8	00	0	0	0	—	6.8	-2.6	29.0	38	+2	22	+2	47	0	13	8
MINYA	00	9	30	1	0	0	0	7.1	-1.6	31.4	39	+3	24	+3	40	0	40	—
ASYÛT	00	7	26	1	0	0	—	7.3	-0.2	29.2	38	+1	22	-1	40	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	7.9	+0.8	30.6	38	—	20	—	46	0	1	—
QENA	00	8	30	2	0	0	—	6.0	-1.0	30.0	42	+2	24	0	38	0	13	—
LUXOR	00	7	28	2	0	0	—	6.6	+0.1	32.6	41	[illegible]	24	[illegible]	22	0	0	—
ASWÂN	00	9	30	1	0	0	—	6.7	-0.8	33.0	42	+1	27	+1	15	0	40	0
Western Desert																		
SÎWA	02	7	00	0	1	5	5	10.3	-1.5	25.6	37	-1	20	-1	38	0	5	8
BAHARÎYA	00	9	00	0	0	0	—	—	—	29.0	38	+1	21	+1	52	0	0	7
KHÂRGA	00	9	08	1	0	0	—	8.3	+0.1	33.3	42	+2	23	0	30	0	1	—
DÂKHLA	00	8	28	1	0	0	—	8.6	+0.1	30.5	39	0	24	+1	26	0	0	—
Red Sea																		
TÔR																		13
HURGHÂDA	00	8	20	3	0	0	—	—	—	33.4	37	+2	26	+1	36	0	1	3
QUSEIR	00	8	32	3	0	0	—	—	—	31.4	36	+2	26	-1	60	0	11	4
PORT SÛDÂN	00	8	02	3	0	0	—	5		35					29	0	62	102
North Sûdân																		
WÂDI HALFA	00	8	30	2	0	0	—	7		30					32	0	6	—
KAREIMA	01	8	24	3	1	4	4	7		33					41	0	19	13
'ATBARA	02	8	02	3	1	7	4,5,1	8		27					62	1	69	33
KHARTÛM	02	8	20	4	2	5	8	9		29					59	0	187	83
KASSALA	02	8	18	3	1	6	6,4	11		26					79	0	217	170
Central Sûdân																		
WAD MEDANI	51	9	16	4	1	8	9	11		25					84		302	226
RENK	02	8	12	3	2	8	9	—		23		—		—	90	—	172	320
ROSEIRES	02	8	18	1	6	8	7,5	15		21					96	18	441	474
EL OBEID	00	9	30	2	1	5	4	12		24					84	0	257	294
EL FÂSHER	01	9	00	0	1	3	8,4	—	—	24					84	0	111	167
GENEINA	02	8	00	0	1	5	6,0	—	—	22		—		—	94	R	—	301
KADUGLI	30	8	30	3	1	6	9	13		24		—		—	84	R	—	498
S. Sûdân																		
MALAKÂL	02	8	18	1	1	6	5	14		22					94	0	616	647
WÂU	02	8	16	2	1	6	4,5	13		22					88	4	726	771
JUBA	02	8	14	2	1	8	6,4,5	14		21					95	1	995	754

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

UPPER WINDS ON 7th الأربعاء

MATRÛH 6h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 5h. 45m.	Cairo 8h. 30m.	ASYÛT 7h. m.	LUXOR 6h. 45m.	ASWÂN h. m.	WÂDI HALFA h. m.	ABU HAMAD 7h. m.	KAREIMA 7h. 15m.	KHARTÛM 6h. 30m.
03 31 30			03 31 05	08 26 05	03 30 05	03 35 20			09 26 05	09 25 35	09 23 30
06 36 30			05 36 05	05 29 05	05 36 30	06 33 30			15 29 25	15 26 25	15 24 30
09 01 20			08 34 10	05 29 15	10 30 30	09 31 30			21 30 20	21 27 20	21 05 15
15 02 25			10 31 10	10 30 15	15 33 25	15 33 35			27 39 15	24 30 20	24 05 20
21 03 35			15 18 25	15 27 20		21 33 30			39 29 15	30 33 20	30 07 20
27 05 35			20 27 25	20 26 25					45 23 10	39	03 20
			23 27 25	23 27 25							
			25 28 25	25 29 20							
			30 30 30	30 31 10							

KASSALA 6h. 45m.	PORT SÛDÂN 7h. m.	EL OBEID 7h. m.	EL FÂSHER 7h. m.	[illegible] 7h. m.
09 22 35	09 27 30	09 24 40	09 27 10	09 00 00
15 30 20	15 22 25	15 24 20	15 21 10	15 31 15
21 33 25	21 36 20	21 21 10	21 09 05	21 23 05
27 33 20	27 30 25	27 22 10	27 08 15	27 12 10
33 33 05	33 29 10	33 20 05		33 10 15
	37 20 10	39 07 05		39 12 24

UPPER AIR — ALMÂZA AT 5 GMT ON 7th

Height Feet	P.P.P. m.b.	T.T.	
Surface	998	78	72
500	980	74	67
1000	962	76	64
1500	945	69	59
2000	928	79	59
4000	862	69	54
6000	800	58	48
8000	741	55	37
10000	686	51	33
12000	635	46	30
14000	586	41	30
16000	541	40	32

CYPRUS SYNOPTIC 8h. ON 7th

347[illegible]	00[illegible]30	02200	03311	79[illegible]03	00[illegible]80
34[illegible]30	00990	26200	03311	30203	00 0

ANNUAL SUBSCRIPTION P.T. 150

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	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 AMOUNT (N)

Clear	0
Trace	1
[illegible]	2
[illegible]	3
[illegible]	4

WIND FORCE

Calm	0-1	0
Almost calm	2	1
Very light		2
Light		3
Moderate		4
Fresh		5
Strong		6
Very strong		7
Gale	51-60	8
Strong gale	60-77	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

CLOUD FORM (C)

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

DAILY WEATHER REPORT

Sunset h. m. 18 43 — Month *August* 1946 — شهر اغسطس ١٩٤٦

At 14h. on 7th (الساعة ١٤ يوم ٧) and At 20h. on Wednesday 7th (الساعة ٢٠ يوم الاربعاء ٧)

STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
Mediterranean																							
SALÛM																							130
MATRÛH	00	9	30	3	0	0	—	5.9	27.4	81	0	01	8	28	3	0	4	8	5.2	26.6	82	0	131
MARIUT	00	7	24	4	0	0	—	6	30	66	0	00	7	00	0	0	0	—	4.+	25	84	0	150
ALEXANDRIA	00	9	36	4	0	0	—	5.9	29.9	68	0	00	8	04	2	0	0	—	5.1	26.6	80	0	132
DAMIETTA	00	8	28	3	1	0	—	4.8	30.2	68	0	00	8	28	1	0	0	—	4.4	26.7	83	0	159
PORT SAÎD	00	8	30	4	0	0	—	5.0	32.7	73	0	00	8	30	4	0	0	—	4.4	27.3	70	0	134
EL ARÎSH	00	9	30	4	0	0	—	5.5	30.4	70	0	00	9	28	2	0	0	—	4.8	25.9	90	0	135
Lower Egypt																							
DAMANHÛR	00	7	28	4	0	0	—	5.4	34.0	32	0	00	7	28	2	0	3	1	5.2	26.0	69	0	136
MANSÛRA	00	8	02	2	0	0	—	4.6	35.2	31	0	00	6	04	1	0	0	—	4.7	27.0	63	0	137
TANTA	00	8	24	2	0	0	—	5.0	35.3	35	0	00	8	28	1	0	0	—	5.0	27.1	75	0	138
ZAGAZIG	00	6	24	2	0	0	—	5.1	34.5	30	0	00	6	32	2	0	0	—	4.4	28.2	53	0	139
SHEBÎN EL KÔM	00	8	28	2	0	0	—	5.9	36.9	22	0	00	7	30	2	0	0	—	4.2	27.1	55	0	—
Middle Egypt																							
Cairo ALMÂZA	00	9	28	2	0	3	2	4.2	35.9	25	0	00	7	02	3	0	0	—	4.0	30.5	46	0	141
Cairo EZBEKIYA	00	8	00	0	0	0	—	4.8	35.8	26	0	00	8	30	2	0	0	—	4.8	31.0	39	0	—
Cairo GÎZA	00	8	30	2	0	0	—	4.8	36.2	25	0	00	8	30	2	0	0	—	4.6	29.9	50	0	—
HELWÂN	00	8	28	1	0	0	—	4.3	35.9	22	0	00	7	32	4	0	0	—	3.6	31.8	29	0	143
SUEZ	00	9	30	1	0	0	—	4.3	37.5	26	0	00	9	02	2	0	0	—	3.8	30.1	62	0	144
Upper Egypt																							
FAIYÛM	00	8	32	2	0	0	—	4.2	36.2	18	0	02	8	02	2	0	0	—	3.4	30.5	31	0	153
MINYA	00	9	30	3	0	0	—	4.4	38.2	14	0	00	9	32	2	0	0	—	3.0	30.0	26	0	154
ASYÛT	00	7	22	1	0	0	—	5.8	37.3	16	0	00	6	22	1	0	0	—	5.0	30.7	28	0	155
NAG HAMÂDI	00	8	00	0	0	0	—	4.6	36.9	30	0	00	8	00	0	0	0	—	4.0	25.6	60	0	184
QENA	00	9	22	3	0	0	—	4.5	40.3	22	0	00	—	28	1	0	0	—	3.6	31.8	29	0	156
LUXOR	00	7	26	3	0	0	—	4.4	40.0	18	0	00	6	28	1	0	0	—	3.8	33.0	25	0	157
ASWÂN	00	9	30	1	0	0	—	3.9	39.0	12	0	00	9	00	0	0	0	—	2.8	31.8	10	0	158
Western Desert																							
SÎWA	00	8	24	2	0	0	—	8.7	35.3	51	0	00		00	0	0	0	—	5.0	32.5	56	0	148
BAHARÎYA																							149
KHÂRGA	00	9	24	1	0	0	—	5.3	39.1	22	0	00	9	24	1	0	0	—	—	35.3	28	0	151
DAKHLA	00	9	28	1	0	0	—	5.9	38.0	18	0	00	7	28	2	0	0	—	—	30.3	25	0	152
Red Sea																							
TÔR																							145
HURGHÂDA	00	8	02	3	0	0	—	—	35.3	28	0	00	8	00	0	0	0	—		33.7	31	0	146
QUSEIR	00	8	02	2	0	0	—	4.3	34.2	50	0	00	8	24	2	0	0	—	2.8	32.0	31	0	147
PORT SÛDÂN	00	9	06	1	0	1	5	1	37	51													169
North Sûdân																							
WÂDI HALFA	00	7	28	3	0	3	1	4	41	10													165
KAREIMA	02	6	28	3	1	5	8,4	4	38	25													166
ATBARA	90	7	20	4	9	8	6,9	5	29	55													167
KHARTÛM	81	7	20	3	8	8	9,4	6	39	41													168
KASSALA	28	8	16	2	9	7	9,4	8	26	84													170
Central Sûdân																							
WAD MEDANI	81	8	16	5	2	8	7	8	23	100													171
RENK	02	8	12	3	2	5	8	—	25	84													182
ROSEIRES	21	7	20	2	5	7	8	11	24	89													172
EL OBEID	02	9	20	4	1	7	6	7	29	59													174
EL FÂSHER	02	9	30	1	1	5	8	7	31	55													175
GENEINA																							179
KADUGLI	02	8	12	3	1	6	9	10	26	84													187
South Sûdân																							
MALAKÂL																							176
WÂU																							177
JUBA	02	8	00	0	1	7	8,4	12	28	70													173

At 8h. on Thursday 8th (الساعة ٨ يوم الخميس ٨)

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Norm from Oct. 1 mms.
Mediterranean																		
SALÛM											—		—					99
MATRÛH	00	9	28	3	1	0	—	5.6	-4.6	28.2	30	+2	21	-1	83	0	101	161
MARIUT	01	7	20	2	1	4	6	5		27	30	—	23	—	74	0	187	138
ALEXANDRIA	02	9	28	1	1	5	4	5.2	-4.6	27.0	30	0	24	0	74	0	170	186
DAMIETTA	00	7	18	1	1	3	1	4.6	-4.1	26.9	32	—	21	—	82	0	81	106
PORT SAÎD	00	8	20	2	0	3	1	4.7	-3.5	27.0	35	+3	24	0	70	0	71	81
EL ARÎSH	00	9	24	1	0	0	—	5.0	-3.8	30.1	32	+1	20	-1	65	0	—	74
Lower Egypt																		
DAMANHÛR	09	4	24	2	4	0	—	5.4	-4.0	24.8	35	+2	21	+1	92	0	92	101
MANSÛRA	01	8	20	2	1	3	0	5.2	-3.8	27.2	36	+1	20	-1	69	0	66	55
TANTA	00	8	24	1	0	0	0	5.4	-4.2	26.4	36	+1	19	-1	79	0	107	44
ZAGAZIG	00	6	24	1	0	0	—	5.4	-4.2	29.9	35	0	20	0	60	0	24	27
SHEBÎN EL KÔM	00	8	28	2	0	0	—	4.8	-4.6	28.6	38	—	20	—	64	0	36	—
Middle Egypt																		
Cairo ALMAZA	05	6	26	2	0	2	1	5.0	-4.2	27.8	38	—	22	—	56	0	10	—
Cairo EZBEKÎYA	05	6	24	1	1	4	1	5.6	-3.6	28.8	37	+2	23	+1	55	0	22	26
Cairo GÎZA	00	6	00	0	0	3	1	5.8	-3.4	26.6	38	+3	19	-1	65	0	41	27
HELWÂN	05	5	00	0	0	5	1	5.5	-3.7	27.4	37	+2	23	+2	47	0	20	29
SUEZ	00	9	02	0	0	0	—	5.5	-2.9	29.7	40	+4	22	-1	53	0	—	17
Upper Egypt																		
FAIYÛM	01	8	00	0	1	4	1	5.1	-4.4	27.0	38	+2	22	+1	49	0	13	8
MINYA	00	8	26	1	0	0	—	4.7	-4.2	27.9	40	+4	21	0	43	0	tr	—
ASYÛT	00	7	00	0	0	0	—	6.0	-2.4	29.1	38	+1	23	0	41	0	0	4
NAG HAMÂDI	00	8	00	0	0	0	—	6.2	-1.0	30.4	38	—	19	—	47	0	1	—
QENA	00	8	30	2	0	0	—	6.7	-0.4	29.0	41	+1	23	-1	41	0	13	—
LUXOR											—		—				0	—
ASWÂN	00	9	30	1	0	0	—	5.8	-1.2	31.4	41	0	28	+2	16	0	tr	
Western Desert																		
SÎWA	00	7	00	0	0	0	—	7.1	-4.7	25.2	38	0	20	0	73	0	5	8
BAHARÎYA																	0	7
KHÂRGA	00	9	08	1	0	0	—	7.1	-1.1	29.5	40	0	22	-1	32	0	1	—
DÂKHLA	00	8	28	1	0	0	—	5.9?	-2.7	28.5	39	0	22	-1	28	0	0	—
Red Sea																		
TÔR																	0	13
HURGHÂDA	00	8	32	3	0	0	—			30.7	36	+1	23	-2	50	0	1	3
QUSEIR	00	8	28	3	0	0	—	5.2	-1.0	30.4	36	+2	25	-2	38	0	11	4
PORT SÛDÂN	00	7	24	2	0	0	—	5		36					35		62	102
North Sûdân																		
WÂDI HALFA																	tr	—
KAREIMA																	19	14
ATBARA	00	8	20	3	1	3	4	10		27					70	tr	69	34
KHARTÛM	02	7	20	4	2	7		10		25					58	tr	187	86
KASSALA	02	8	14	3	1	5	6,4	12		23					84	68	285	175
Central Sûdân																		
WAD MEDANI	03	9	16	5	2	8	9	11		23					94	3	305	232
RENK	02	8	28	3	2	6	4	12?		22		—		—	83	—		324
ROSEIRES	02	7	16	1	5	7	7,5	14		22					100	2	443	481
EL OBEID	03	9	16	3	1	8	6,4	11		24					74	1	258	198
EL FÂSHER								—	—							2	113	172
GENEINA								—	—			—		—				309
KADUGLI	02	8	12	3	1	7	9	13		22		—		—	94	—		498
South Sûdân																		
MALAKÂL	02	8	21	2	1	7	6	13		22					88	29	645	553
WÂU	03	7	24	3	1	8	6,4	14		21					83	30	756	778
JUBA	03	7	00	0	2	8	6	14		22					94	0	995	759

Upper Winds on 7th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

MATRÛH 13h 45m	MARIUT 13h 15m	PORT SAÎD	ALMÂZA	MINYA	LUXOR 12h 30m	HURGHADA	WÂDI HALFA	KAREIMA 13h	KHARTÛM	KASSALA 13h 15m	EL OBEID 13h	MALAKAL	JUBA 13h
03 32 20	03 29 40				03 25 15			09 29 10	09 24 20	09 23 35	09 23 20		09 06 05
06 31 30	06 28 40				06 33 15			15 20 20	15 23 15	15 26 25	15 24 15		15 12 15
09 36 15	09 27 30				09 32 20			21 31 10	21 27 05	21 26 25	21 17 10		21 14 15
12 36 15	15 28 20				12 32 15			27 32 10	24 17 05	27 27 20	27 17 15		27 18 05
15 30 15	18 27 15				15 29 20			33 36 03	30 09 25		33 16 10		33 26 10
21 33 10	21 30 10				21 32 20			39 08 03	39 10 15		39 09 20		39 27 15
30 36 30	27 36 15				24 31 20								45 27 30
	30 02 15												

Upper Winds on 8th (الرياح العليا يوم ٨)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

MATRÛH 6h	MARIUT 7h 45m	PORT SAÎD	HELWÂN 8h 36m	MINYA	ASYÛT 7h	LUXOR 7h 30m	ASWÂN	WÂDI HALFA	ABU HAMAD 7h	KAREIMA	KHARTÛM
03 33 25	03 26 20		02 18 02		02 35 10	03 34 05			09 23 20		
06 36 30	06 28 10		05 20 05		05 32 14	06 33 45			15 13 30		
09 01 25			10 24 10		10 32 25	09 02 20			21 24 32		
15 01 20			15 30 10		15 31 35	12 35 20			27 32 20		
21 02 15					20 27 25	15 36 25			33 33 20		
27 30 05						18 01 15			39 35 15		
						21 35 15					

KASSALA 6h 45m	PORT SÛDÂN 7h	EL OBEID	EL FÂSHER	GENEINA	MALAKAL 7h 15m
09 27 35	09 29 30				09 25 30
15 25 30	15 31 15				15 26 20
21 29 20	21 02 20				21 27 30
27 27 15	27 32 25				24 26 30
33 31 10	33 30 15				
39 35 10	39 01 25				

Upper Air Temp.

ALMÂZA at 05 45 G.M.T. on 8th

Height Feet	P P P m b.	T T	
Surface	996	77	68
500	978	80	64
1000	961	80.5	62
1500	943	79.5	61
2000	926	79	60
4000	860	71	54
6000	798	60	47
8000	740	55	37
10000	685	51	34
12000	633	45.5	31
14000	585	40.5	26.5
15000	540	36.5	28

CYPRUS SYNOPTIC 8h. ON 8th

34800 00990 24201 02301 41200 0024?

34700 00990 06300 02272 20002 0019?

Hours are Egypt. standard time ... [illegible]

Humidity

Station	Humidity % on 7th	Diff. from normal	on 7th	Diff. from normal
Alexandria	75	+1	29.2	+0.9
Ezbekiya	41	-19	21.9	-0.8
Gîza	52	-10	22.6	+0.2
Helwân	33	-17	19.9	-0.8

GÎZA — GRASS MINIMUM TEMP. ON 8th 15.1 °C

CAIRO — WATER TEMP. RIVER NILE at 9h. ON 8th 28.3 °C

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	8-8	7471	4089
	7-8	6367	3445

Gauges

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nasser				9.63	0.00
Malakâl		11.64	-0.03	11.60	-0.06
J. Aulia Res.	8-8				
J. Aulia D.S					
Roseires		21.98	+3.06	21.77	+2.88
Sennar Res.				17.20	
Khartûm		15.62	+0.70	15.50	+0.66
Kh. el Girba					
Atbara		15.50	+1.34	15.62	+1.62
Kajnarti				141.26	+2.54
Aswân Res.		99.00		99.00	
Aswân D.S		91.59	+1.67	90.93	+1.28
Roda (Cairo)		17.46	+0.99	17.46	+1.08

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	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	86, 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
Objects visible over 50 kms.	9

Wind Force (F)

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

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

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ANNUAL SUBSCRIPTION P.T. 150

DAILY WEATHER REPORT

Sunset 18 h. 42 m. Month August 1946 شهر اغسطس ١٩٤٦

At 14 h. on Thursday 8th / At 20 h. on (الساعة ١٤ يوم الخميس ٨ / الساعة ٢٠ يوم)

Station	14h Present Weather ww	Visibility V	Wind Dir. dd	Wind Force F	Past Weather W	Cloud Amount	Cloud Form	Bar. Press. M.S.L. 1000+ mbs. ppp	Temp. °C TTT	Humidity % UU	Rain 8-14 mms	20h Present Weather ww	Visibility V	Wind Dir. dd	Wind Force F	Past Weather W	Cloud Amount	Cloud Form	Bar. Press. M.S.L. 1000+ mbs. ppp	Temp. TTT	Humidity UU	Rain 14-20 mms	Station Number
Salûm																							[illegible]
Matrûh	00	9	28	3	0	0	–	5.6	28.2	76	0	00	8	28	3	0	0	–	6.2	21.8	81	0	13[illegible]
Mariut	00	7	26	3	0	1	8	5	30	62	0	00	7	30	1	0	0	–	5	26	89	0	150
Alexandria	00	9	25	3	0	0	–	5.0	30.0	66	0	00	6	00	0	0	0	–	5.8	25.0	84	0	132
Damietta	01	7	30	3	1	3	3	4.2	31.0	77	0	01	7	28	1	1	3	3	4.7	26.3	92	0	159
Port Saîd	00	8	30	3	0	3	1	4.2	34.0	41	0	00	8	32	2	0	0	–	5.5	27.3	80	0	[illegible]
El 'Arîsh	00	9	32	4	0	0	–	4.7	30.0	70	0	00	9	28	2	0	0	–	5.4	29.6	72	0	[illegible]
Damanhûr	00	7	28	3	0	2	1	4.6	34.0	51	0	00	7	32	2	0	2	1	5.5	26.2	78	0	[illegible]
Mansûra	01	8	30	1	1	4	2	4.6	35.5	33	0	00	6	32	2	1	0	–	5.2	27.6	66	0	[illegible]
Tanta	01	8	28	2	0	3	1	4.4	33.6	35	0	00	8	32	1	0	0	–	5.6	28.0	71	0	[illegible]
Zagazig	00	6	30	2	0	2	1	4.4	34.4	36	0	00	6	32	1	0	0	–	5.8	29.0	58	0	[illegible]
Shebîn el Kôm	00	8	30	2	0	0	–	4.0	36.7	28	0	00	7	30	2	0	0	–	4.3	29.1	59	0	
Almâza	00	8	28	2	0	3	1	3.6	35.7	18	0	00	7	03	1	1	3	1	4.3	33.7	21	0	[illegible]
Ezbekiya	00	8	04	1	0	2	1	4.6	36.2	25	0	00	7	02	1	0	0	–	4.7	31.6	29	0	
Gîza	01	7	30	2	0	4	1	4.4	36.2	20	0	01	7	00	0	1	4	1	4.4	31.2	40	0	
Helwân	00	8	28	2	0	0	–	3.9	36.2	16	0	00	7	32	2	0	3	1	4.3	32.1	22	0	143
Suez	00	9	02	1	0	0	–	3.6	38.2	26	0	00	9	02	1	0	0	–	4.2	33.5	23	0	144
Faiyûm	01	8	00	0	1	4	1	3.1	36.0	20	0	01	8	00	0	1	4	1	4.0	30.0	44	0	153
Minya	00	9	28	2	0	0	–	3.6	37.9	19	0	00	8	30	1	0	0	–	3.6	32.2	28	0	154
Asyût	00	8	00	0	0	0	–	4.8	37.1	18	0	00	6	00	0	0	0	–	5.0	28.9	29	0	155
Nag Hamadi	00	8	00	0	0	0	–	4.2	36.2	26	0	00	8	00	0	0	0	–	4.4	26.0	55	0	164
Qena	00	9	22	2	0	0	–	3.4	40.0	23	0	00	6	24	1	0	0	–	3.8	30.4	41	0	156
Luxor	00	7	30	2	0	0	–	4.2	40.0	18	0	00	6	28	2	0	0	–	4.6	32.0	28	0	157
Aswân	01	9	24	2	1	5	1	3.1	39.4	08	0	00	9	00	0	0	0	–	4.3	30.0	13	0	155
Sîwa	00	8	28	2	0	0	–	6.7	36.0	58	0	00	5	00	0	0	0	–	5.0	32.0	66	0	148
Bahariya	00	9	00	0	0	0	–		36.5	33	0												149
Khârga	00	9	08	1	0	0	–	7.8	39.4	21	0	00	9	32	1	0	0	–	–	33.4	29	0	151
Dâkhla	00	9	28	1	0	0	–	4.8	37.0	20	0	00	7	28	1	0	0	–	6.8	28.7	32	0	152
Tôr																							145
Hurghâda	00	8	12	2	0	0	–	–	35.2	30	0	00	8	12	2	0	0	–	–	33.7	36	0	146
Quseir	00	8	02	2	0	0	–	4.0	34.0	53	0	00	8	12	2	0	0	–	4.2	30.2	78	0	147
Port Sûdân	01	7	26	3	1	3	8	3	41	28													240
Wâdi Halfa	00	8	26	2	0	1	8	3	40	17													165
Kareima	01	8	20	4	1	4	8	6															166
Atbara	02	7	20	3	1	5	8,4	6	33	41													167
Khartûm	02	8	18	4	2	5	8,4,5	7	31	49													268
Kassala	02	8	16	2	1	6	8,4,1	8	29	59													170
Wad Medani	01	8	18	3	2	5	8	6	30	55													177
Renk	01	9	18	3	1	4	8	6?	29	59													182
Roseires	01	8	16	1	1	4	8	9	29	66													172
El Obeid	02	8	18	3	8	7	8,4	5	29	59													174
El Fâsher	10	9	08	3	1	7	6,8	–	26	62													175
Geneina	10	9	20	3	8	7	6	–	25	74													179
Kadugli																							187
Malakâl	02	8	16	3	1	6	8,4	8	29	66													176
Wâu	02	8	24	1	6	7	8,4	10	26	62													177
Juba	02	8	02	1	2	6	8	10	28	70													178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

8th

Matrûh 13 h.	Mariut 12 h. 45 m.	Port Saîd 12 h. 30 m.	Almâza	Minya 12 h. 45 m.	Luxor	Hurghâda	Wâdi Halfa 13 h. 15 m.	Kareima 13 h.	Khartûm	Kassala 12 h. 45 m.	El Obeid 13 h.	Malakâl 13 h.	Juba 13 h.
03 32 20	03 28 25	03 26 20		03 33 15			09 20 05	09 20 15		09 31 10	09 21 20	09 20 15	09 36 05
06 30 20	06 28 30	06 26 30		06 30 15			15 25 25	15 21 10		15 33 05	15 19 30	15 19 25	15 36 05
09 28 15	09 31 15	09 25 20		09 30 05			21 28 15	21 13 10		21 27 05	21 15 15		21 04 10
15 31 15	15 08 05	15 23 25		15 35 05			27 25 15	27 06 05		27 28 15	27 14 35		27 10 15
21 32 15	18 02 10	18 23 25		21 04 20			33 25 15	33 06 05		33 36 15			33 14 10
30 33 15	24 21 20						39 20 10	39 15 15					39 16 10
	27 36 30												
	30 35 15												

Hours are Egyptian standard time (i.e. 30 E) and are two hours fast on Greenwich mean time.

Station	Humidity % 8th	Diff. from normal	Wet bulb temp. 8th	Diff. from normal
Alexandria	77	+3	24.3	+1.0
Ezbekiya	37	-24	21.5	-1.3
Giza	47	-15	21.5	-0.9
Aswân	31	-19	19.6	-1.1

Grass minimum temp. 9th 18.4°

Cairo: Water temp. River Nile on 9th 28.7 °C

Discharge at Aswân measured by sluices m³ per sec.	Date	1946	1945
	9 – 8	8259	4594
	8 – 8	7471	4089

Date: 9th

Gauge	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Jûba	14.00	+0.28	14.34	+0.62
Nâsser	9.67	0.00	9.65	0.00
Malakâl	11.66	-0.02	11.64	-0.03
J. Aulia Res.			376.22	
J. Aulia D.S.			375.07	+0.47
Roseires	21.80	+2.85	21.98	+3.06
Sennar Res.				
K[illegible]m	15.75	+0.75	15.62	+0.70
Kh. el Girba			15.80	+1.88
Atbara	15.43	+1.19	15.50	+1.34
Kajnarti	142.12	+2.90	141.69	+2.67
Aswân Res.	99.00		99.00	
Aswân D.S.	91.92	+1.82	91.09	+1.67
Roda (Cairo)			17.46	+0.99

At 8 h. on Friday 9th (الساعة ٨ يوم الجمعة ٩)

Station	Present Weather ww	Visibility V	Wind Dir. dd	Wind Force F	Past Weather W	Cloud Amount	Cloud Form	M.S.L. 1000+ mbs. ppp	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Diff. from norm.	Min. Today °C	Diff. from norm.	Humidity % UU	Rain past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Salûm											—		—					99
Matrûh	01	9	28	3	0	3	8	8.3	-2.0	27.0	29	+1	21	-1	81	0	101	161
Mariut	01	7	17	2	1	4	6,1	7		28	31	—	20	—	79		187	138
Alexandria	01	9	24	2	1	4	8	8.0	-1.9	27.7	31	+1	24	0	74	0	170	186
Damietta	01	7	18	2	1	4	3	7.2	-1.6	27.3	34	—	24	—	82	0	81	106
Port Saîd	00	8	26	2	0	3	1	7.0	-1.2	28.1	35	+3	24	0	73	0	71	81
El 'Arîsh	00	9	24	2	0	0	–	7.1	-1.7	31.2	31	0	20	-1	62	0	–	94
Damanhûr	01	6	24	3	1	4	1	7.2	-2.2	26.2	35	+2	21	+1	84	0	92	101
Mansûra	01	8	02	1	1	4	0	7.6	-1.4	26.5	36	+1	22	+1	78	0	66	55
Tanta	00	8	20	1	0	0	–	7.8	-1.9	27.1	36	+1	20	0	78	0	107	44
Zagazig	01	6	16	2	1	5	8	8.2?	-1.5	27.0	35	0	21	+1	84	0	24	27
Shebîn el Kôm	00	8	22	1	0	0	—			29.6	38		22		63	0	36	
Almâza	05	6	00	0	1	5	2	7.3	-2.0	26.8	38	—	23	—	63	0	10	
Ezbekiya	09	5	26	1	1	4	2	8.0	-1.3	26.7	37	+2	24	+2	72	0	22	26
Gîza	09	5	28	2	2	5	6	8.2	-1.0	24.9	38	+3	22	+2	88	0	41	27
Helwân	01	6	00	0	1	4	1	7.5	-1.7	27.0	38	+3	23	+2	70	0	20	29
Suez	00	9	32	1	0	0	–	8.2	-0.2	30.8	39	+3	23	0	58	0	–	17
Faiyûm	01	8	00	0	1	4	1	7.5	-2.0	28.5	38	+2	24	+3	67	0	13	8
Minya	01	8	32	1	1	4	2	7.0	-2.0	29.3	38	+2	22	+1	48	0	dr	
Asyût	00	7	00	0	0	0	–	7.9	-0.6	29.2	38	+1	22	-1	35	0	0	4
Nag Hamadi	00	8	00	0	0	0	–	7.6	+0.4	30.1	37	—	18	—	39	0	1	
Qena	00	8	24	1	0	0	–	6.6	-0.5	33.4	40	0	21	-3	29	0	13	
Luxor	00	7	28	2	0	0	–	6.8	0.0	30.7	42	+1	21	-2	18	0	0	
Aswân	00	9	32	1	0	0	–	6.4	-0.7	32.0	41	0	26	0	20	0	dr	—
Sîwa	00	7	00	0	0	0	–	8.7	-3.1	27.5	39	+1	19	-1	80	0	5	8
Bahariya																	0	7
Khârga	00	9	32	1	0	0	–	8.2	0.0	31.4	41	+2	22	-1	37	0	1	
Dâkhla	00	8	00	0	0	0	–	8.[illegible]	-0.7	27.5	39	0	20	-1	27	0	0	
Tôr																	0	13
Hurghâda	00	8	30	3	0	0	–	—		30.4				2	44	0	1	3
Quseir	00	8	32	2	0	0	–	4		30.6					45	0	11	4
Port Sûdân	00	8	06	2	0	2	4	6		36					44	0	62	102
Wâdi Halfa	00	8	24	1	0	0	–	7		[illegible]					21	0	[illegible]	
Kareima	01	8	22	3	1	4	4	9		29?					59	0	19	14
Atbara	01	8	22	3	1	4	4	9		29					62	0	69	35
Khartûm	02	8	16	3	1	5	8,4	10		26					70	0	137	88
Kassala	02	8	14	3	1	6	6,4	10		26					74	0	285	179
Wad Medani	52	6	12	1	2	8	7,5	11		21					94	15	320	237
Renk	02	8	16	3	2	8	7,5	12		23	—		—		84	—	—	329
Roseires																5	448	488
El Obeid	02	9	18	3	1	6	6	11		23					84	7	265	202
El Fâsher	02	9	00	0	1	5	8,4	—	—	22					94	0	113	176
Geneina	81	7	20	3	6	7	9	—	—	19	—		—		94	R	—	317
Kadugli	02	8	28	4	1	7	9			23	—		—		78	—	—	503
Malakâl	02	8	00	0	1	8	4,5								94	16	661	559
Wâu	02	8	00	0	1	7	4,5	[illegible]							94	11	762	785
Juba	02	8	12	1	1	6	8,4,5	[illegible]		23					94	0	995	765

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

9th

Matrûh 6 h.	Mariut	Port Saîd	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa 7 h. 15 m.	Abu Hamad 7 h. 15 m.	Kareima 7 h.	Khartûm 7 h.
03 31 15								09 07 05	09 21 35	09 19 30	09 20 35
06 35 13								15 10 05	15 23 15	15 13 10	15 17 35
09 33 15								21 16 10	21 35 15	21 07 15	21 13 30
15 35 20								27 25 10		27 04 30	24 13 20
21 35 25								33 27 30		30 03 30	30 11 25
30 35 10								39 18 05			39 01 50
45 01 05											
60 31 20											
69 34 30											

Kassala 7 h.	Port Sûdân 7 h.	El Obeid 7 h. 30 m.	El Fâsher 7 h.	Geneina	Malakâl 7 h.
09 28 45	09 33 15	09 24 20	09 32 10		09 23 20
15 27 40	15 30 20	15 26 25	15 30 30		15 23 40
21 30 40	18 31 20		21 32 05		21 26 35
27 30 35			24 30 10		27 27 40
33 27 25					33 27 45
39 25 05					

Upper Air Temp. Almâza at 5 h. G.M.T. on 9th

Height feet	PPP mb.	TT	
Surface	997	77	75
[illegible]00	989	73	70
[illegible]00	963	78	69
1500	946	80	64
[illegible]000	927	81	60
[illegible]00	861	72	53
6000	799	61	46
[illegible]000	740	54	37
10000	685	47	32
12000	634	41	27
14000	585	38	29
1[illegible]000	540	36	28

Cyprus Synoptic on 9th

34700	00790	18200	05292	10103	00210
34600	00990	26302	05291	60301	00200

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 08
Distant fog 09
Distant duststorm 12
Squally
Slight duststorm
Heavy duststorm 29
Duststorm 30-34
Fog 40-49
Drizzle 50-58
Rain 60-69
Thunderstorm 90-99

PAST WEATHER (W)

Clear, slight cloud
Variable sky
Sandstorm, duststorm
Fog, thick dust haze
Drizzle
Rain
Snow, sleet
Showers
Thunderstorm

VISIBILITY (V)

Objects not visible at 50 metres
200
500
1 Kilometre
2
4
10
20
50
Visible over 50 kms.

CLOUD AMOUNT (N)

Clear
Trace
1 Tenth

WIND FORCE (F)

Calm
Almost calm
Very light
Light
Moderate
Fresh
Strong
Very strong

08 = East, 16 = South,
24 = West, 32 = North,
00 is Calm.

Printed by the Survey of Egypt, 1945 (45/306)

ANNUAL SUBSCRIPTION P.T. 150

Time of Sunrise 05 19 h. m.
Sunset 18 41

DAILY WEATHER REPORT

Month August 1946 — شهر أغسطس ١٩٤٦

At 14h. on Friday 9th — الساعة ١٤ يوم الجمعة ٩ / At 20h. on 9th — الساعة ٢٠ يوم الجمعة ٩

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20 mms	Station Number
Mediterranean																							
SALÛM																							130
MATRÛH	00	9	30	3	1	0	—	8.2	28.0	80	0	00	8	00	0	0	0	—	8.6	27.2	78	0	131
MARIUT	00	7	29	3	0	1	6	7	29	74	0	00	7	28	2	0	0	—	7	26	84	0	150
ALEXANDRIA	01	9	28	3	2	3	4	6.6	30.6	64	0	00	6	04	1	0	0	—	7.6	27.0	77	0	132
DAMIETTA	01	7	02	2	1	3	3	6.8	30.5	79	0	01	6	28	2	1	3	2	7.1	26.0	93	0	159
PORT SAÎD	01	8	32	2	1	4	1	6.7	32.8	58	0	00	8	30	2	0	0	—	7.2	26.8	85	0	134
EL 'ARÎSH	00	9	30	4	0	0	—	6.4	30.7	71	—	00	9	04	3	0	0	—	6.7	26.1	92	0	135
Lower Egypt																							
DAMANHÛR	00	7	32	3	0	0	—	6.8	33.3	48	0	00	7	32	3	0	0	—	8.3	25.4	78	0	136
MANSÛRA	01	8	16	1	1	4	8	6.7	36.0	25	0	01	6	04	2	1	3	0	7.4	27.0	72	0	137
TANTA	00	8	16	2	0	0	—	6.6	35.3	34	0	00	8	20	1	0	0	—	7.5	27.6	75	0	138
ZAGAZIG	01	6	24	2	1	3	8	6.6	36	29	0	00	6	24	2	0	0	—	7.5	26.2	77	0	139
SHEBÎN EL KÔM	00	8	22	2	0	0	—	8.5	37.4	31	0	00	7	22	2	0	0	—	—	28.2	65	0	—
Middle Egypt																							
CAIRO: ALMAZA	01	8	30	2	1	4	1	5.8	37.2	16	0	00	7	02	3	0	0	—	6.5	32.4	37	0	141
CAIRO: EZBEKÎYA	02	8	32	1	1	6	1	6.6	36.8	22	0	01	7	32	3	1	3	2	7.0	32.2	42	0	—
CAIRO: GÎZA	01	7	30	2	0	4	1	7.0	37.8	24	0	00	7	30	2	1	0	—	7.2	30.2	53	0	—
HELWÂN	01	8	28	2	1	3	1	6.3	36.0	22	0	00	7	28	2	0	0	—	6.2	32.7	26	0	143
SUEZ	00	9	32	2	0	0	—	6.0	36.7	21	0	00	9	32	1	0	0	—	5.0	31.5	31	0	144
Upper Egypt																							
FAIYÛM	01	8	00	0	1	4	1	5.6	37.0	18	0	01	8	30	1	1	4	1	6.3	30.8	38	0	153
MINYA	01	9	32	2	2	3	2	5.5	38.7	18	0	00	8	02	1	1	0	—	5.1	34.7	20	0	154
ASYÛT	00	8	23	1	0	0	—	6.7	36.7	16	0	00	6	00	0	0	0	—	6.7	29.9	36	0	155
NAG HAMADI	00	8	00	0	0	0	—	5.4	38.6	20	0	00	8	00	0	0	0	—	6.2	36.6	48	0	164
QENA	01	9	34	1	0	3	1	3.9	41.4	20	0	00	6	22	2	1	0	—	5.1	31.4	37	0	156
LUXOR												00	6	28	3	0	0	—	5.4	34.8	12	0	157
ASWÂN	00	9	32	1	0	0	—	3.9	39.8	12	0	00	9	00	0	0	0	—	4.4	37.0	10	0	158
Western Desert																							
SÎWA	00	8	00	0	0	0	—	8.4	36.0	41	0	00	5	00	0	0	0	—	8.7	33.2	55	0	148
BAHARÎYA	00	9	00	0	0	0	—	—	36.5	22	0	00		34	1	0	0	—	—	29.0	52	0	149
KHÂRGA	00	9	32	1	0	0	—	7.9	38.9	22	0	00	9	32	1	0	0	—	7.3	31.8	27	0	151
DÂKHLA	00	9	28	1	0	0	—	5.3	38.5	18	0	00	7	28	1	0	0	—	8.3	28.0	36	0	152
Red Sea																							
TÔR																							145
HURGHÂDA	00	8	04	2	0	0	—		33.7	42	0	00	8	00	0	0	0	—		32.2	45	0	146
QUSEIR	00	8	32	2	0	0	—	5.6	30.0	61	0	00	8	34	1	0	0	—	5.0	29.8	79	0	147
PORT SÛDÂN	01	9	08	4	1	4	8	3	37	54													169
North Sûdân																							
WÂDI HALFA	01	8	28	2	0	2	8,1	3	41	17													165
KAREIMA	01	8	00	0	1	2	8	6	31	46													166
'ATBARA	01	8	16	2	1	5	8,4	6	35	27													167
KHARTÛM	01	8	12	2	2	4	8,4,5	7	32	36													168
KASSALA	01	8	16	3	1	4	8	8	30	57													170
Central Sûdân																							
WAD MEDANI	02	8	12	3	1	7	8	7	27	66													171
RENK	01	9	20	3	1	4	6	—	33	66													182
ROSEIRES	02	7	16	3	2	5	8	—	27	84													172
EL OBEID	02	9	20	2	1	6	6,4	6	28	58													174
EL FASHER	10	9	00	0	1	6	8	6	29	52													175
GENEINA																							179
KADUGLI	02	8	28	4	1	5	8	8	27	70													187
S. Sûdân																							
MALAKAL	02	8	22	4	6	8	6,4	4	26	70													176
WÂU	01	8	18	2	1	5	2	8	28	90													177
JUBA	03	8	22	3	4	4	6	13	23	84													178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

Upper Winds on 9th — الرياح العليا يوم ٩

MATRÛH 13h.	MARIUT	PORT SAÎD 12h. 30m.	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA 13h. 15m.	KAREIMA 13h.	KHARTÛM 12h.	KASSALA 12h. 45m.	EL OBEID 12h. 30m.	MALAKAL 13h.	JUBA 13h.
03 29 20		03 25 15					09 23 20	09 21 15	09 18 15	09 18 30	09 20 25	09 25 30	09 24 30
06 32 18		06 30 15					16 25 20	15 22 10	15 01 25	15 19 30	15 36 15	15 20 30	15 25 25
09 30 20		09 29 20					21 27 05	21 03 05	21 24 05	21 17 30	21 24 25		
15 02 20		15 29 15					24 29 15	24 07 15	24 20 05	27 11 05			
21 01 15		18 29 15						30 07 30	30 26 15	33 04 05			
27 01 15									39 23 10				
30 01 15													
36 01 05													
39 31 05													

Remarks

Hours are Egyptian standard time (long. 30 E) and are two hours fast on Greenwich mean time.

Station	Humidity % 9th	Diff. from normal	Wet bulb temp. 9th	Diff. from normal
Alexandria	73	-1	24.5	+1.2
Ezbekiya	52	-9	22.6	-0.2
Giza	65	+3	23.0	+0.6
Helwan	45	-6	20.6	-0.1

GIZA — Grass minimum temp. on 10th: 19.6 °C

CAIRO — Water temp. River Nile, 9h., on 10th: 28.9 °C

Discharges at Aswan measured by sluices m³ per sec.	Date	1946	1945
	10-8	9029	6194
	9-8	8363	4834

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	10-8-1946			10.00	+0.28
Nâsser				9.67	0.00
Malakâl		11.62	-0.01	11.66	-0.02
J. Aulia Res.					
J. Aulia D.S					
Roseires		22.48	+3.48	21.80	+3.85
Sennar Res.					
Khartûm				15.75	+0.75
Kh. el Girba					
Atbara		15.30	+1.13	15.03	+1.19
Kajnarti				142.12	+2.90
Aswân Res.		99.00	.	99.00	-
Aswân D.S		92.30	+2.00	91.92	+1.82
Roda (Cairo)					

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At 8h. on Saturday 10th — الساعة ٨ يوم السبت ١٠

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs.	Diff. from normal mbs.	Temp. Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm °C	Min. Today °C	Min. Diff. from norm °C	% Humidity	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Mediterranean																		
SALÛM												—		—				99
MATRÛH	00	9	28	2	0	0	—	10.6	+0.2	28.0	29	+1	22	0	80	0	101	161
MARIUT	00	7	29	2	0	0	—	9		28	31	—	25	—	79	0	187	138
ALEXANDRIA	00	9	00	0	0	0	—	9.2	-0.7	28.6	31	+1	25	+1	66	0	170	186
DAMIETTA	01	7	18	1	1	3	8	8.4	-0.4	27.8	35	—	22	—	83	0	81	106
PORT SAÎD	00	8	30	3	0	3	2	8.4	+0.1	27.8	33	+1	24	0	73	0	71	81
EL 'ARÎSH	00	9	22	3	0	0	—	8.2	-0.7	29.6	32	+1	15	-2	73	0	—	94
Lower Egypt																		
DAMANHÛR	01	6	28	3	1	3	8	9.6	+0.2	25.0	34	+1	20	0	78	0	92	101
MANSÛRA	01	8	04	2	1	3	8	8.4	-0.7	28.0	37	+2	22	+1	70	0	66	55
TANTA	00	8	00	0	0	0	—	9.1	-0.6	27.0	36	+1	21	+1	78	0	107	44
ZAGAZIG	00	6	24	1	0	0	—	9.1	-0.6	28.8	38	+3	21	+1	73	0	24	27
SHEBÎN EL KÔM	01	9	30	1	1	4	8	8.0	-1.5	28.2	38	—	22	—	73	0	36	—
Middle Egypt																		
CAIRO: ALMAZA	05	6	32	1	2	4	6	10.1	+0.7	25.3	38	—	23	—	81	0	10	—
CAIRO: EZBEKÎYA	05	6	28	1	1	4	6	9.1	-0.3	28.2	38	+3	23	+1	65	0	22	26
CAIRO: GÎZA	05	5	28	2	1	0	—	9.2	-0.1	26.5	38	+3	22	+2	74	0	41	27
HELWÂN	05	6	30	1	0	0	—	9.0	-0.3	25.3	37	+2	22	+1	76	0	20	29
SUEZ	00	9	02	2	0	0	—	9.2	+0.7	28.2	38	+2	23	0	68	0	—	17
Upper Egypt																		
FAIYÛM	00	8	04	2	0	0	—	9.2	-0.4	28.3	39	+3	23	+2	63	0	13	8
MINYA	00	9	30	2	0	0	—	8.6	-0.4	29.2			23	+2	63	0	dr	—
ASYÛT	00	7	26	1	0	0	—	8.4	-0.1	29.6	39	+2	22	-1	35	0	0	4
NAG HAMADI	00	8	00	0	0	0	—	7.8	+0.5	30.2	39	—	19	—	37	0	1	—
QENA	00	8	24	2	0	0	—	7.7	+0.6	33.0	42	+2	21	-3	30	0	13	—
LUXOR	00	7	28	1	0	0	—	7.5	+1.1	34.0	42	+1	22	+1	13	0	0	—
ASWÂN	00	9	32	1	0	0	—	7.0	-0.1	32.0	42	+1	27	+1	19	0	dr	-
Western Desert																		
SÎWA	00	7	00	0	0	0	—	11.0	-0.8	27.4	—	—	19	-1	74	0	5	8
BAHARÎYA	00	9	00	0	0	0	—	10.4	+0.1	30.0	38	+1	21	+1	50	0	0	7
KHÂRGA	00	9	08	1	0	0	—	8.6	+0.3	30.0	41	+2	21	-2	36	0	1	—
DÂKHLA	00	8	04	1	0	0	—	9.1	+0.1	29.0	40	+1	22	-1	24	0	0	—
Red Sea																		
TÔR																		13
HURGHÂDA	00	9	30	1	0	0	—			31.4	35	0	25	0	37	0	1	3
QUSEIR	08	8	02	2	0	0	—	5.6	-0.7	30.7	35	+1	28	+1	50		11	4
PORT SÛDÂN	01	8	18	4	1	4	3	5		36					50	0	62	103
North Sûdân																		
WÂDI HALFA	02	8	18	2	1	5	4,2	7		31					24	0	tr	—
KAREIMA	01	8	18	2	1	4	4	8		30					59	0	19	15
'ATBARA	01	8	20	2	1	5	4,2	9		28					66	0	69	37
KHARTÛM	02	8	12	3	1	5	8,4,5	10		27					70	0	137	92
KASSALA	02	8	24	2	1	7	4,5	10		25					70	0	285	183
Central Sûdân																		
WAD MEDANI	02	8	12	5	1	7	3	11		24					54	0	320	242
RENK	01	9	20	3	2	5	4	11!		23		—		—	84	—	-	333
ROSEIRES	01	8	16	1	1	4	1	13		22					94	12	460	495
EL OBEID	10	9	16	4	5	8	6,4,5	10		24					74	17	282	206
EL FÂSHER	10	9	14	1	1	5	8,4,5	—	—	23					84	tr	113	181
GENEINA	03	8	18	1	2	8	6	—	—	21		—		—	69	.	-	325
KADUGLI	02	7	20	3	1	6	8	13		23		—		—	84	—	-	509
S. Sûdân																		
MALAKÂL	61	8	22	4	1	8	6	14		22					94	tr	661	565
WÂU																37	809	792
JUBA	23	8	30	2	6	8	6,5	15		21					100	4	999	767

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

Upper Winds on 10th — الرياح العليا يوم ١٠

MATRÛH 7h. 30m.	MARIUT 6h. 30m.	PORT SAÎD 7h.	HELWÂN 9h. 15m.	MINYA	ASYÛT	LUXOR 6h. 45m.	ASWÂN	WÂDI HALFA 7h. 15m.	ABU HAMAD 7h.	KAREIMA 7h. 15m.	KHARTÛM 7h.
03 35 15	03 35 20	03 29 10	02 34 10		02 03 05	06 03 10		09 02 05	09 23 30	09 20 25	09 20 30
06 31 15	06 36 25	06 28 15	05 33 15		05 11 10	09 36 20		15 14 05	15 25 15	15 15 14	15 15 25
09 31 15	09 36 25	09 21 15	10 34 15		10 35 10	15 34 25		21 14 15	21 33 20	21 06 15	18 12 35
15 32 15	12 36 20		15 01 15		15 32 10	21 32 20		27 11 25	27 33 15	27 05 15	21 12 50
21 29 10	15 33 25		20 35 24		20 31 25	30 25 20		33 21 15	33 05 10	33 03 25	24 12 45
30 35 20	18 01 15		25 32 20		25 30 20	39 25 35			39 10 10	39 36 15	
	21 33 20		30 31 05								
	24 35 15		32 31 10								
	27 34 15										

KASSALA	PORT SÛDÂN 7h. 15m.	EL OBEID 7h. 15m.	EL FÂSHER	GENEINA 7h. 15m.	MALAKAL
	09 28 15	09 18 30		09 26 18	
	15 33 30	15 16 40		15 27 20	
	21 01 20	18 16 65			
	24 02 20				

Upper Air Temp. — Almâza at 6 G.M.T. on 10th

Height feet	P.P.P. m.b.	TT	
Surface	1000	76	73
500	982	71	69
1000	964	69	68
1500	947	74	64
2000	930	77	59
4000	864	71	52
6000	801	59	46
8000	743	56	38
10000	688	50	34
12000	636	46	29
14000	588	40	29
16000	542	35	29

Cyprus Synoptic on 10th:
39100 00970 14100 06371 30003 00180
34100 00910 26300 06391 40201 00180

ANNUAL SUBSCRIPTION P.T. 150

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

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

Wind Direction: 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

CLOUD FORM (C)

Cirrus	
Cirro-stratus	
Cirro-cumulus	
Alto-cumulus	
Alto-stratus	
Strato-cumulus	5
Nimbo-stratus	
Stratus	9

Time of Sunrise h. m. 05 30
Sunset 18 41

Month August 1946

DAILY WEATHER REPORT

شهر اغسطس ١٩٤٦

At 14h. on 10th — الساعة ١٤ يوم ١٠ — At 20h. on Saturday 10th — الساعة ٢٠ يوم السبت ١٠

Region	Station	14h Present Weather (ww)	14h Visibility (V)	14h Wind Dir. (DD)	14h Wind Force (F)	14h Past Weather (W)	14h Cloud Amount (N)	14h Cloud Form (C)	14h Bar Press M.S.L. 1000+ mbs. (PPP)	14h Temp. °C (TTT)	14h % Humidity (UU)	Rain 8-14h mms	20h Present Weather (ww)	20h Visibility (V)	20h Wind Dir. (DD)	20h Wind Force (F)	20h Past Weather (W)	20h Cloud Amount (N)	20h Cloud Form (C)	20h Bar Press M.S.L. 1000+ mbs. (PPP)	20h Temp. °C (TTT)	20h % Humidity (UU)	Rain 14-20h mms	Station Number
Mediterranean	SALÛM																							130
	MATRÛH	00	9	32	2	0	0	—	7.9	29.0	80	0	00	8	32	1	0	0	—	10.2	26.8	80	0	131
	MARIUT	00	7	30	3	0	0	—	7	30	70	0	00	7	27	2	0	0	—	7	26	84	0	150
	ALEXANDRIA	00	9	28	3	0	0	—	7.2	30.0	69	0	00	6	32	2	0	0	—	8.8	27.2	77	0	132
	DAMIETTA	00	7	28	3	1	0	—	8.0	30.9	66	0	00	7	28	1	0	0	—	8.4	26.6	93	0	159
	PORT SAʿÎD	00	8	32	2	0	0	—	6.7	32.4	65	0	00	8	30	4	0	0	—	8.6	27.1	80	0	134
	EL ʿARÎSH	00	9	26	4	0	0	—	7.9	30.6	72	0	00	9	32	3	0	0	—	8.4	26.7	89	0	135
Lower Egypt	DAMANHÛR	00	7	28	3	0	0	—	9.0	32.7	38	0	00	7	32	2	0	0	—	9.6	25.8	78	0	136
	MANSÛRA	00	8	30	2	1	0	—	8.3	35.8	33	0	00	6	32	2	0	0	—	9.4	27.4	70	0	137
	TANTA	00	8	28	2	0	0	—	8.2	35.5	35	0	00	8	24	1	0	0	—	9.9	27.0	79	0	138
	ZAGAZIG	00	6	28	2	0	0	—	8.4	35.1	44	0	00	6	34	2	0	0	—	9.3	28.2	62	0	139
	SHEBÎN EL KÔM	00	8	30	2	0	0	—	7.5	36.8	36	0	00	7	30	2	0	0	—	8.3	27.3	62	0	—
Middle Egypt	CAIRO ALMÂZA	00	8	03	1	0	0	—	7.6	36.0	20	0	00	7	02	2	0	0	—	8.6	31.2	41	0	141
	CAIRO EZBEKÎYA	00	8	32	3	0	0	—	8.3	35.4	33	0	00	6	32	3	0	0	—	9.4	30.9	48	0	—
	CAIRO GÎZA	00	8	30	2	0	0	—	8.6	35.7	18	0	00	8	32	2	0	0	—	9.4	30.2	49	0	—
	HELWÂN	00	7	26	3	0	0	—	7.9	35.3	15	0	00	7	32	4	0	0	—	8.7	31.7	38	0	143
	SUEZ	00	9	30	2	0	0	—	6.9	37.3	17	0	00	9	32	1	0	0	—	7.1	30.0	57	0	144
Upper Egypt	FAIYÛM	00	8	02	1	0	0	—	7.7	—	26	0	00	8	30	1	0	0	—	8.0	31.7	30	0	153
	MINYA	00	9	02	3	0	0	—	7.8	37.3	15	0	00	8	32	1	0	0	—	7.0	33.4	26	0	154
	ASYÛT	00	8	22	1	0	0	—	7.5	37.7	16	0	00	6	28	1	0	0	—	7.6	30.9	30	0	155
	NAGʿ HAMÂDI	00	8	00	0	0	0	—	6.2	37.0	16	0	00	8	00	0	0	0	—	6.8	26.0	49	0	164
	QENA	00	7	20	1	0	0	—	5.1	41.0	20	0	00	6	24	1	0	0	—	5.5	33.6	31	0	156
	LUXOR	00	7	26	2	0	0	—	5.4	41.0	17	0	00	6	28	1	0	0	—	6.2	34.0	22	0	157
	ASWÂN	01	9	24	2	1	3	1	5.5	40.7	08	0	02	9	02	2	1	5	1	5.2	37.2	14	0	158
Western Desert	SÎWA	00	8	00	0	0	0	—	10.7	30.0	27	0	00	—	00	0	0	0	—	7.5	33.0	39	0	148
	BAHARÎYA	00	9	32	1	0	0	—	—	37.5	29	0	00	—	28	1	0	0	—	9.3	29.0	54	0	149
	KHÂRGA	00	9	08	1	0	0	—	7.6	40.0	22	0	00	9	08	1	0	0	—	8.3	35.4	24	0	151
	DAKHLA	00	7	04	1	0	0	—	7.1	37.0	18	0	00	7	32	2	0	0	—	9.2	30.0	22	0	152
Red Sea	TÔR																							145
	HURGHÂDA												00	8	28	2	0	0	—	—	33.9	31	0	146
	QUSEIR	00	6	02	2	0	0	—	5.8	35.2	51	0	00	6	24	1	0	0	—	5.6	32.0	27	0	147
	PORT SÛDÂN	01	8	08	3	1	5	8	4	39	50	—												169
North Sûdân	WÂDI HALFA	01	8	02	1	1	4	4	5	41	10													165
	KAREIMA	01	8	20	1	1	4	8	5	37	33													166
	ʿATBARA	01	8	20	3	1	4	8	6	36	35													167
	KHARTÛM	01	8	14	3	2	4	8,4	5	33	41													168
	KASSALA	02	9	20	1	1	5	8	7	31	55													170
Central Sûdân	WAD MEDANI	02	8	18	4	1	7	8	6	32	43													171
	RENK	01	9	18	3	1	4	8	7	29	66													182
	ROSEIRES	02	7	20	1	1	5	8	8	29	59													172
	EL OBEID	02	8	18	4	1	7	8,4	7	28	65													174
	EL FÂSHER	10	9	30	2	1	5	8	—	30	55													175
	GENEINA	02	8	20	2	2	5	8,4	—	27	66													179
	KADUGLI	02	8	20	4	6	5	9	10	28	62													187
S. Sûdân	MALAKÂL	01	8	16	2	1	5	9	9	25	70													176
	WÂU	01	8	24	3	6	4	8,4	4	28	58													177
	JUBA	02	8	00	0	1	5	8,4	10	29	59													178

At 8h. on Sunday 11th — الساعة ٨ يوم الأحد ١١

Region	Station	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Dry Bulb °C (TTT)	Maximum Yesterday °C (MM)	Max Diff. from norm. °C	Minimum Today °C (mm)	Min Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Mediterranean	SALÛM												—		—				99
	MATRÛH	01	9	28	3	0	0	—	11.0	+0.5	27.9	29	+1	22	0	80	0	101	161
	MARIUT	01	7	28	2	0	5	6	9		28	31	—	24	—	42	0	187	138
	ALEXANDRIA	01	9	28	2	1	4	8	7.8	-0.2	28.1	31	+1	25	+1	74	0	170	186
	DAMIETTA	01	6	28	1	1	3	8	8.7	-0.2	27.3	32	—	22	—	87	0	61	106
	PORT SAʿÎD	01	8	28	2	1	4	6	9.0	+0.7	27.7	33	+1	25	+1	79	0	71	81
	EL ʿARÎSH	01	9	10	1	1	5	3	8.8	-0.1	31.6	32	+1	21	0	63	0	—	94
Lower Egypt	DAMANHÛR	00	7	28	3	0	0	—	9.5	0.0	27.6	34	+1	23	+2	82	0	92	101
	MANSÛRA	01	8	04	1	1	4	8	9.2	0.0	27.3	36	+1	21	0	80	0	66	55
	ṬANṬA	01	8	30	2	1	3	8	9.5	-0.2	27.5	36	+1	20	0	82	0	107	44
	ZAGAZIG	00	6	32	2	1	3	8	9.2	-0.6	28.8	36	+1	21	+1	73	0	24	27
	SHEBÎN EL KÔM	01	8	24	1	1	4	8	9.0	-0.6	28.4	37	—	22	—	73	0	36	—
Middle Egypt	CAIRO ALMAZA	01	7	30	1	2	3	6	9.7	+0.3	24.9	38	—	22	—	78	0	10	—
	CAIRO EZBEKÎYA	05	6	28	1	1	4	6	10.0	+0.6	27.8	37	+2	23	+1	70	0	22	26
	CAIRO GÎZA	00	7	28	2	1	1	6	9.9	+0.6	26.9	37	+2	19	-1	76	0	41	27
	ḤELWÂN	09	6	32	1	0	0	—	9.8	+0.5	24.7	37	+2	21	0	80	0	20	29
	SUEZ	00	9	32	1	0	0	—	7.9	+1.4	25.8	38	+2	22	-1	59	0	—	17
Upper Egypt	FAIYÛM	00	8	02	1	0	0	—	9.5	-0.2	27.9	37	+1	22	+1	54	0	13	8
	MINYA	00	8	32	2	0	0	—	9.2	+0.2	27.6	38	+2	22	+1	59	0	[illegible]	—
	ASYÛT	00	7	00	0	0	0	—	9.5	+0.9	30.1	39	+2	23	0	37	0	0	4
	NAGʿ HAMÂDI	00	8	00	0	0	0	—	8.7	+1.3	30.4	39	—	21	—	41	0	1	—
	QENA	01	8	20	2	0	4	3	8.2	+1.1	33.0	42	+2	23	-1	33	0	13	—
	LUXOR	02	7	28	1	2	5	2	8.7	+1.8	30.0	41	+2	20	-3	25	0	0	—
	ASWÂN	02	9	32	2	1	5	1	7.9	+0.8	30.0	42	+1	27	+1	19	0	[illegible]	
Western Desert	SÎWA	00	7	00	0	0	0	—	12.0	+0.2	25.0	40	+2	21	+1	86	0	5	8
	BAHARÎYA	00	9	00	0	0	0	—	11.6	+0.2	30.0	39	+3	20	0	47	0	0	7
	KHÂRGA	00	7	32	1	0	0	—	9.4	+1.1	35.5	42	+3	24	+1	29	0	1	—
	DÂKHLA	00	8	24	1	0	0	—	7.6	+0.5	29.0	41	+2	22	-1	24	0	0	—
Red Sea	ṬÔR																	0	13
	HURGHÂDA	00	8	28	2	0	0	—			33.2	37	+2	26	+1	23	0	1	3
	QUSEIR	00	8	30	2	0	0	—	6.0	-0.4	29.7	36	+2	26	-1	46	0	11	4
	PORT SÛDÂN																	62	103
North Sûdân	WÂDI ḤALFA	01	8	32	2	1	3	4	8		31					46	0	6	—
	KAREIMA	00	7	20	2	1	2	4	9		28					66	0	19	15
	ʿAṬBARA	00	8	30	2	1	3	4	9		27					70	3	72	38
	KHARTÛM	01	8	16	1	1	5	4	10		28					55	0	137	94
	KASSALA																	285	187
Central Sûdân	WAD MEDANI	02	9	18	2	1	6	3	11		26					79	0	320	247
	RENK	01	7	16	3	1	4	3	—		24		—		—	89	—		338
	ROSEIRES	00	8	18	1	1	2	1	—		24					94	0	460	502
	EL OBEID	02	9	16	2	1	5	2	11		24					84	0	282	210
	EL FÂSHER	02	9	00	0	9	7	6,4	—	—	22					74	15	128	185
	GENEINA	02	7	24	1	6	8	6,4	—	—	22		—		—	94	R		333
	KADUGLI	02	8	12	3	1	5	9	13		26		—		—	79	R		513
S. Sûdân	MALAKÂL	00	8	16	1	1	3	6,4	12		26					64	0	661	571
	WÂU	61	7	32	2	6	8	6,5	13		21					94	2	806	799
	JUBA	01	8	10	3	1	5	4	14		23					94	0	999	771

UPPER WINDS ON 10th — الرياح العليا يوم ١٠

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH 13h. 30m.	MARIUT h. m.	PORT SAʿÎD 12h. 30m.	ALMÂZA h. m.	MINYA 12h. 40m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13h. 15m.	KAREIMA 13h. m.	KHARṬÛM 13h. m.	KASSALA h. m.	EL OBEID 13h. m.	MALAKAL h. m.	JUBA 13h. m.
03 25 20		06 29 15		03 01 15			09 03 15	09 20 05	09 17 45		09 21 25		09 26 05
06 21 15		09 31 15		06 30 05			15 36 00	15 19 10	15 20 50		15 25 25		15 31 20
09 01 15		12 32 05		09 32 20			21 21 05	21 15 10	21 27 15				21 31 35
12 01 20		15 36 15		12 30 30			24 22 05	27 36 05	29 02 05				27 31 20
		18 36 20		15 29 25				33 05 30					33 29 30
		21 36 30		18 29 40				39 07 20					39 31 20
		24 35 30		21 29 30									
		27 34 25		24 32 15									
		30 31 10		27 30 15									

Times are in hours and minutes Greenwich mean time.

Station	10th		10th	
Almaza	69	-5	24.9	+1.6
Ezbekiya	51	-10	23.3	+0.8
Gîza	57	-5	21.9	-0.5
Helwân	54	+3	21.0	+0.3

GÎZA — GRASS MINIMUM TEMP. ON 11th 15.8 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 11th 28.4 °C

Discharges at Aswân measured by sluices m³ per sec. Date	1946	1945
11-8	9678	6120
10-8	9029	6144

Gauge	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jinja	13.72	-0.01	14.55	+0.12
Nâsser	9.72	+0.03	9.70	+0.02
Malakâl	11.70	-0.01	11.68	-0.01
J. Aulia Res.	376.23			
J. Aulia D.S	375.64	+0.66		
Roseires	22.46	+3.39	22.48	+3.48
Sennar Res.	17.21	—	17.27	
Khartûm	16.06	+0.94	15.92	+0.85
Kh. el Girba			16.40	+2.37
ʿAtbara	15.79	+1.34	15.50	+1.13
Kajnarti	143.00	+3.27	142.65	+3.19
Aswân Res.	99.00		99.00	
Aswân D.S	92.66	+2.11	92.30	+2.00
Roda (Cairo)	17.64	+0.71	17.47	+0.66

Printed by the Survey of Egypt, 1945 (45/306)

UPPER WINDS ON 11th — الرياح العليا يوم ١١

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH 07h. 15m.	MARIUT h. m.	PORT SAʿÎD h. m.	HELWÂN 8h. 45m.	MINYA 8h. m.	ASYÛT 7h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI HALFA 7h. 30m.	ABU HAMAD 7h. 15m.	KAREIMA 7h. m.	KHARṬÛM 7h. 15m.
03 30 15			02 22 15	03 01 10	02 36 05			09 19 05	09 25 25	09 18 35	09 21 05
06 02 15			05 33 20	06 02 25	05 03 20			15 09 20	15 27 35	15 17 35	15 17 15
09 04 20			10 33 25	09 35 30	10 36 25			21 03 05	21 31 15	21 12 25	24 12 20
15 04 25			15 34 25	12 34 35	15 34 30			27 31 05	27 01 20	24 10 30	24 10 20
21 06 30			20 36 25	15 34 40				33 29 05	33 03 15	30 09 30	30 13 20
27 02 10			25 01 35	18 33 35					36 09 15	33 06 30	39 18 20
30 36 15			28 02 25	21 33 30						37 04 35	
39 32 05				24 32 40							
45 36 10											

KASSÂLA h. m.	PORT SÛDÂN h. m.	EL OBEID 7h. m.	EL FASHER h. m.	GENEINA 7h. m.	MALAKAL 6h. 45m.
		09 17 30		09 26 15	09 17 15
		15 24 15		15 09 15	15 17 15
		21 17 10		21 07 30	21 19 10
		27 16 10		27 07 50	27 23 10
		33 13 15		33 08 45	33 21 10
		39 13 25		36 07 25	39 31 10

UPPER AIR TEMP. ALMÂZA AT 06 ON 11th

Height feet	Pressure mb.		
Surface	1000	77.5	72.5
500	982	71	69
1000	964	71	66.5
1500	947	80	50
2000	930	79.5	58
4000	864	72	52
6000	801	62	46
8000	743	56	36.5
10000	686	52	33
12000	636	49.5	31
14000	588	43.5	26
16000	542	40	23

CYPRUS SYNOPTIC 8h. ON 11th

34800 00990 24200 07311 90301 00200
34700 00990 06100 06302 20003 00190

ANNUAL SUBSCRIPTION P.T 150

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4

WIND FORCE (F)

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.

CLOUD FORM (C)

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

DAILY WEATHER REPORT

Time of Sunrise h. 05 m. 20 — Sunset h. 18 m. 40

Month August 1946 — شهر أغسطس ١٩٤٦

At 14h. on Sunday 11th — الساعة ١٤ يوم ١١ / At 20h. on 11th — الساعة ٢٠ يوم الأحد ١١

Station	14h Present weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar press M.S.L. 1000+ mbs. (PPP)	°C Temp. (TTT)	% Humidity (UU)	Rain 8-14h mms	20h Present weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar press M.S.L. 1000+ mbs. (PPP)	°C Temp. (TTT)	% Humidity (UU)	Rain 14-20h mms	Station number
Mediterranean																							
SALÛM																							130
MATRÛH	00	9	32	3	0	0	-	10.6	32.2	78	0	00	8	32	3	0	0	-	9.4	27.0	76	0	131
MARIUT	00	7	27	4	0	2	6	9	30	70	0	00	7	29	2	0	0	-	8	26	89	0	150
ALEXANDRIA	00	9	28	4	0	0	-	8.6	29.6	67	0	00	6	32	2	0	0	-	8.7	27.0	77	0	132
DAMIETTA	00	8	30	3	1	0	-	7.8	31.1	70	0	00	7	28	2	1	0	-	7.6	26.7	72	0	159
PORT SAÏD	00	8	31	3	0	0	-	7.9	32.8	63	0	00	8	30	4	0	0	-	7.8	27.2	84	0	134
EL ARÎSH	00	9	30	4	0	0	-	7.6	30.2	75	0	01	9	32	2	1	2	3	7.9	26.3	93	0	135
Lower Egypt																							
DAMANHÛR	00	7	28	3	0	0	-	8.6	33.0	55	0	00	7	28	2	0	0	-	9.2	25.2	78	0	136
MANSÛRA	00	8	04	2	1	0	-	7.5	36.0	42	0	00	6	30	2	0	0	-	8.3	27.2	77	0	137
TANTA	00	8	28	2	1	0	-	8.2	35.3	41	0	00	8	30	1	0	0	-	8.8	27.2	83	0	138
ZAGAZIG	00	6	24	2	0	0	-	7.9	35.0	24	0	00	6	24	2	0	0	-	9.2	28.0	67	0	139
SHEBÎN EL KÔM	00	8	02	2	0	0	-	8.3	36.3	23	0	00	7	02	2	0	0	-	7.6	27.4	38	0	—
Middle Egypt																							
CAIRO ALMÂZA	00	8	30	2	0	0	-	7.4	35.1	27	0	00	7	32	2	0	0	-	7.8	31.0	52	0	141
CAIRO EZBEKÎYA	00	8	32	2	0	1	8	8.2	35.4	31	0	00	7	30	1	0	0	-	8.7	30.3	51	0	—
CAIRO GÎZA	00	8	30	3	0	0	-	8.0	35.5	26	0	00	8	32	2	0	0	-	8.7	29.2	61	0	—
HELWÂN	00	8	28	3	0	0	-	7.4	35.2	20	0	00	7	30	3	0	0	-	7.4	31.8	42	0	143
SUEZ	00	9	32	2	0	0	-	7.1	36.3	21	0	00	9	32	2	0	0	-	6.8	32.7	50	0	144
Upper Egypt																							
FAIYÛM	00	8	32	2	0	0	-	7.0	37.0	19	0	00	8	02	2	0	0	-	7.2	31.7	31	0	153
MINYA	00	9	32	3	1	0	-	7.9	38.4	18	0	01	8	30	1	1	4	2	6.3	31.9	26	0	154
ASYÛT	00	8	32	1	0	0	-	7.6	36.8	17	0	00	6	00	0	0	0	-	7.6	30.0	30	0	155
NAG HAMÂDI	00	8	00	0	0	0	-	6.4	36.9	20	0	00	8	00	0	0	0	-	6.3	30.2	29	0	164
QENA	01	9	24	1	1	4	1	8.7	40.4	20	0	00	6	24	1	1	0	-	8.4	32.3	31	0	156
LUXOR	00	7	30	2	0	0	-	6.0	40.0	22	0	00	6	28	3	0	0	-	6.2	34.0	13	0	157
ASWÂN	00	9	28	4	0	0	-	5.5	42.6	08	0	00	9	32	1	0	0	-	5.2	37.0	10	0	158
Western Desert																							
SÎWA	00	8	28	3	0	0	-	11.4	34.4	20	0	00	5	00	0	0	0	-	9.4	31.0	54	0	148
BAHARÎYA												00		32	1	0	0		—	27.0	56	0	149
KHÂRGA	00	9	32	2	0	0	-	7.6	38.5	22	0	00	9	32	1	0	0	-	7.8	—	—	0	151
DAKHLA	00	9	24	1	0	0	-	7.2	38.8	18	0	00	7	32	2	0	0	-	9.6	29.5	23	0	152
Red Sea																							
TÔR																							145
HURGHÂDA	00	8	04	2	0	0	-		33.6	38	0	00	8	28	1	0	0	-		31.1	41	0	146
QUSEIR	00	8	02	2	0	0	-	6.0	35.0	48	0	00	8	32	2	0	0	-	6.0	31.6	32?	0	147
PORT SÛDÂN	00	8	03	3	0	1	8	4	38	50													169
North Sûdân																							
WÂDI HALFA	00	8	04	2	1	2	5	5	41	13													165
KAREIMA	02	8	20	1	1	6	2,4,5	6	34?	47													166
ATBARA	00	8	20	1	0	3	8	6	37	25													167
KHARTÛM	01	8	16	3	1	4	8,4	6	32	38													168
KASSALA	01	8	14	2	1	4	8	7	32	55													170
Central Sûdân																							
WAD MEDANI	02	8	18	3	1	6	8	6	32	43													171
RENK	01	9	20	3	1	4	8	-	30	59													182
ROSEIRES	01	8	20	1	0	4	7	8	31	59													172
EL OBEID	02	9	20	3	1	5	6,2	6	31	49													174
EL FÂSHER	11	9	00	0	6	7	6	-	27	70													175
GENEINA	02	9	24	1	2	6	7,4	-	26	66													179
KADUGLI	02	7	28	4	6	6	8	10	26	50													187
S. Sûdân																							
MALAKÂL	02	8	20	1	1	5	8,4	8	30	62													176
WÂU																							177
JUBA	02	8	08	1	1	5	8,1	9	31	49													178

At 8h. on Monday 12th — الساعة ٨ يوم الاثنين ١٢

Station	Present weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Temp. Dry Bulb °C (TTT)	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Norm from Oct. 1 mms.
Mediterranean																		
SALÛM												—		—				29
MATRÛH	00	9	20	3	0	0	-	9.6	-0.8	28.4	29	+1	22	0	82	0	101	161
MARIUT	01	7	28	2	1	4	6	8		28	31	—	25	—	79	0	187	138
ALEXANDRIA	01	9	28	2	1	5	4	7.9	-2.1	28.0	31	+1	25	+1	77	0	170	186
DAMIETTA	01	7	18	2	2	3	6	7.1	-1.8	27.8	32	—	24	—	84	0	81	106
PORT SAÏD	01	8	20	3	1	4	4	7.1	-1.3	27.2	33	+1	25	+1	75	0	71	81
EL ARÎSH	01	9	22	3	1	3	3	7.4	-1.6	30.1	32	+1	24	+3	71	0	-	94
Lower Egypt																		
DAMANHÛR	01	6	28	3	1	4	8	8.0	-1.6	27.0	34	+1	21	+1	83	0	92	101
MANSÛRA	01	8	14	2	1	4	8	7.4	-1.8	28.5	37	+2	23	+2	70	0	66	55
TANTA	01	8	24	1	1	4	8	8.2	-1.6	27.4	36	+1	21	+1	78	0	107	44
ZAGAZIG	01	6	32	1	1	3	8	8.2	-1.7	27.8	36	+1	22	+2	73	0	24	27
SHEBÎN EL KÔM	01	8	30	1	1	4	8	8.6	-1.1	29.6	37	—	23	—	66	0	36	—
Middle Egypt																		
CAIRO ALMÂZA	01	7	31	2	1	4	8	7.9	-1.6	25.8	37	—	23	—	77	0	10	—
CAIRO EZBEKÎYA	05	6	32	1	1	4	6	8.6	-0.7	27.3	37	+2	24	+2	49	0	32	26
CAIRO GÎZA	05	6	30	2	2	4	8	8.3	-1.1	26.8	36	+1	22	+2	72	0	41	27
HELWÂN	05	6	32	2	0	0	-	7.9	-1.5	24.8	36	+1	21	0	78	0	20	29
SUEZ	00	9	32	1	0	0	-	8.3?	-0.3	29.4	38	+2	23	0	61	0	-	17
Upper Egypt																		
FAIYÛM	00	8	02	2	0	0	-	8.2	-1.5	27.2	37	+1	23	+2	68	0	13	8
MINYA	00	9	30	2	0	0	-	7.9	-1.2	29.7	39	+3	22	+1	61	0	dr	—
ASYÛT	00	7	26	1	0	0	-	8.3	-0.3	30.0	38	+1	23	-1	42	0	0	4
NAG HAMÂDI	00	8	00	0	0	0	-	7.6	+0.3	29.6	38	—	19	—	46	0	1	—
QENA	00	8	20	2	0	0	-	8.7	+0.8	29.0	42	+2	23	-1	39	0	13	—
LUXOR	00	7	28	1	0	0	-	7.2	+0.4	32.0	42	+1	22	+1	16	0	0	—
ASWÂN	00	9	00	0	0	0	-	7.4	+0.2	31.7	41	0	26	0	27	0	dr	
Western Desert																		
SÎWA	00	7	00	0	0	0	-	10.4	-1.5	28.0	37	-1	20	0	70	0	5	8
BAHARÎYA	00	9	00	0	0	0	-	9.1	-1.4	29.0	39	+3	20	0	46	0	0	7
KHÂRGA	00	9	32	1	0	0	-	6.2	-2.2	30.0	40	+1	22	-1	33	0	1	—
DÂKHLA	00	8	04	1	0	0	-	8.6	-0.6	29.0	40	+1	22	-1	26	0	0	—
Red Sea																		
TÔR																		13
HURGHÂDA	00	8	30	2	0	0	-			31.7	35	0	25	0	36	0	1	3
QUSEIR	00	8	32	2	0	0	-	5.1	-1.3	32.3	36	+2	26	-1	48	0	11	4
PORT SÛDÂN	05	9	06	2	1	5	4	5		29					70	0	62	103
North Sûdân																		
WÂDI HALFA	00	8	32	1	0	0	-	7		31					24	0	tr	—
KAREIMA	00	8	20	4	0	0	-	8		32					52	0	19	16
ATBARA	00	8	18	2	1	3	4	7		33					41	0	72	79
KHARTÛM	01	8	04	4	1	3	4	6		30					55	0	137	97
KASSALA	02	9	14	4	1	6	6,4,5	10		24					84	0	285	192
Central Sûdân																		
WAD MEDANI	02	9	18	3	1	6	1	9		26					62	0	320	252
RENK	01	9	18	3	2	5	4	11?		24		—		—	84	—		342
ROSEIRES	02	7	16	2	2	6	7,5	13		23					84	7	467	510
EL OBEID	01	8	14	5	1	4	4	10		28					92	1	283	214
EL FÂSHER	02	9	11	1	6	7	6	—	—	22					94	2	130	190
GENEINA								—	—			—		—		R		340
KADUGLI	02	7	12	3	1	7	8	12		24		—		—	84	R		518
S. Sûdân																		
MALAKÂL	61	7	20	1	6	8	6,4,5	13		23					94	26	687	577
WÂU																		806
JUBA	64	9	08	1	6	8	7	14		31					94	13	1012	775

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 11th

MATRÛH 13 h. 15 m.	MARIUT	PORT SAÏD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA 13 h. 15 m.	KAREIMA 13 h.	KHARTÛM 13 h.	KASSALA	EL OBEID 13 h.	MALAKAL 13 h.	JUBA 12 h. 30 m.
03 14 20							09 02 05	09 23 20	09 19 25		09 21 30	09 23 15	09 18 05
06 36 15							15 04 15	15 23 05	15 17 20		15 19 30	15 21 05	15 09 05
09 02 15							21 25 05	21 02 10	21 10 20		21 19 20	21 23 10	21 25 05
15 02 10							27 29 10	27 06 30	27 09 20		27 10 30	27 23 10	27 02 10
21 04 25							33 30 18	33 05 05	33 06 10		33 15 20	33 22 05	33 01 15
27 04 25							39 38 28				39 11 00	39 20 05	39 20 20
30 08 20												45 17 05	
45 29 30													
60 29 40													

Hours are Egyptian standard time, which is two hours fast on Greenwich mean time.

Discharges at Aswân measured by sluices m³ per sec. Date	1946	1945
12-8	10092	6558
11-8	9678	6120

Station	Humidity % on 11th	Diff. from normal	Temperature °C on 11th	Diff. from normal
Alexandria	73	-1	24.4	+1.1
Ezbekiya	55	-6	23.2	+0.4
Gîza	63	+1	22.9	+0.5
Helwân	57	+7	21.6	+0.9

GÎZA — GRASS MINIMUM TEMP. ON 12th 20.0 °C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON 12th 28.4 °C

Gauge	Date	Reading	Diff. from normal	Previous day Reading	Previous day Diff. from normal
	1946	m.	m.	m.	m.
Jûba	12-8-1946	12.00	-0.24	12.22	-0.01
Nâsser				9.72	+0.03
Malakâl		11.72	0.00	11.70	-0.01
J. Aulia Res.				376.33	-
J. Aulia D.S				375.64	+0.06
Roseires		21.80	+2.68	20.46	+3.39
Sennar Res.				17.21	-
Khartûm		16.12	+1.03	16.06	+0.94
Kh. el Girba					
Atbara		15.86	+1.34	15.77	+1.34
Kajnarti				143.00	+3.37
Aswân Res.		99.10	-	99.00	-
Aswân D.S		92.30	+2.05	92.16	+2.11
Roda (Cairo)		17.97	+1.09	17.64	+0.91

UPPER WINDS ON 12th — الرياح العليا يوم ١٢

MATRÛH	MARIUT	PORT SAÏD	HELWÂN 8 h. 45 m.	MINYA 7 h.	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA 7 h.	ABU HAMAD 7 h. 15 m.	KAREIMA	KHARTÛM 8 h. 30 m.
03 30 20			03 33 05	03 35 20				09 24 30	09 30 20		12 11 35
06 31 20			06 36 05	06 09 25				15 27 15	15 32 10		
09 02 20			09 31 10	09 02 25				21 31 10	21 36 15		
15 02 10			10 30 10	12 34 20				27 31 05	27 31 20		
21 36 20			15 01 05	15 31 20					33 10 20		
27 26 15			20 06 05	18 31 20					39 13 20		
30 01 10			25 07 05	21 29 20							
39 01 30			30 34 15	27 29 30							
45 36 20				30 35 10							

KASSALA 7 h.	PORT SÛDÂN	EL OBEID 7 h. 30 m.	EL FÂSHER	GENEINA	MALAKAL
09 22 26		09 22 20			
15 21 28		15 21 20			
21 17 30		21 24 25			
27 17 28		27 12 30			
		33 11 40			
		39 10 40			

CYPRUS SYNOPTIC 8h. ON 12th

34700 00990 08210 05201 80002

34900 00990 26200 05311 00901

UPPER AIR TEMP. ALMÂZA AT 6 G.M.T. ON 12th

HEIGHT (feet)	P.P.P (m.b.)	TT	U
Surface	993	76	72
500	980	72	69
1000	962	70	68
1500	945	82	61
2000	928	82	67
4000	862	72	53
6000	800	61	51
8000	741	57	37
10000	686	54	34
12000	635	49	30
14000	586	46	27
16000	541	43	25

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.

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	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
10	
20	
50	

CLOUD AMOUNT

Clear	
Trace	
1 Tenth	
2-3 Tenths	
4, 5, 6 Tenths	4
7, 8 Tenths	
9 Tenths	
Over 9 Tenths	
Overcast	8
Fog or Dust	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

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MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Time of Sunrise 05 h. 20 m. Sunset 18 h. 39 m.

Month *August* 1946 — شهر اغسطس ١٩٤٦

At 14h. on 12th (الساعة ١٤ يوم ١٢) and At 20h. on Monday 12th (الساعة ٢٠ يوم الاثنين ١٢)

Station	14h Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	°C Temp. (TTT)	% Humidity (UU)	Rain 8-14h mms	20h Present Weather	Visibility	Wind Dir.	Wind Force	Past Weather	Cloud Amount	Cloud Form	Bar Press M.S.L. 1000+ mbs.	°C Temp.	% Humidity	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
Salûm																							130
Matrûh	00	9	28	3	0	0	—	7.4	29.4	74	0	01	8	28	2	0	4	—	8.6	26.6	80	0	131
Mariut	05	6	28	4	0	2	6	7	30	70	0	00	7	29	3	0	0	—	7	26	84	0	150
Alexandria	01	9	30	4	2	4	4	7.5	30.6	69	0	00	6	30	3	0	0	—	8.2	26.2	80	0	132
Damietta	00	7	28	3	1?	0	—	6.7	30.5	80	0	01	7	28	2	1	4	8	6.6	26.6	89	0	159
Port Saîd	00	8	30	3	0	2	4	6.7	32.5	64	0	00	8	30	3	0	3	8	6.4	26.9	84	0	134
El 'Arîsh	00	9	28	3	0	0	—	6.6	30.2	72	0	00	9	32	3	0	0	—	6.8	26.3	92	0	135
LOWER EGYPT																							
Damanhûr	00	7	28	4	1	0	—	7.2	31.2	60	0	00	7	32	3	0	0	—	7.4	26.8	72	0	136
Mansûra	01	8	30	2	1	3	8	7.0	35.2	41	0	00	6	02	2	1	0	—	6.8	27.3	76	0	137
Tanta	01	8	24	2	1	3	8	6.8	35.3	41	0	01	8	28	1	1	4	8	8.0	27.0	82	0	138
Zagazig	00	6	24	2	0	0	—	6.8	34.8	50	0	00	6	24	2	0	0	—	7.6	28.0	70	0	139
Shebîn el Kôm												00	7	30	2	0	0	—	6.4	27.6	65	0	—
MIDDLE EGYPT																							
Cairo: Almâza	00	8	28	2	0	1	8	5.9	36.0	25	0	00	7	30	2	0	0	—	6.7	30.4	55	0	141
Cairo: Ezbekîya	00	8	30	1	0	0	—	6.7	35.6	29	0	00	7	26	1	0	0	—	7.4	31.0	53	0	—
Cairo: Gîza	00	8	30	2	0	0	—	6.7	36.5	32	0	00	8	32	1	0	0	—	7.6	28.5	61	0	—
Helwân	00	8	00	0	0	0	—	6.6	35.2	31	0	00	7	30	3	0	0	—	6.8	31.0	48	0	143
Suez	00	9	32	2	0	0	—	6.3	35.7	28	0	00	9	32	2	0	0	—	7.4	31.9	59	0	144
UPPER EGYPT																							
Faiyûm	00	8	02	2	0	0	—	6.2	36.0	27	0	00	8	32	2	0	0	—	6.4	32.0	30	0	153
Minya	00	9	02	3	0	0	—	6.0	37.8	25	0	00	8	30	1	0	0	—	6.3	32.0	33	0	154
Asyût	00	8	32	1	0	0	—	6.7	37.3	20	0	00	6	00	0	0	0	—	7.4	31.1	37	0	155
Nag' Hamâdi	00	8	00	0	0	0	—	5.6	37.4	22	0	00	8	00	0	0	0	—	5.4	29.3	52	0	164
Qena	00	9	26	2	0	0	—	4.3	41.0	24	0	00	6	22	2	0	0	—	5.1	30.0	29	0	156
Luxor	00	7	30	2	0	0	—	5.0	40.0	21	0	00	6	28	1	0	0	—	4.8	33.4	27	0	157
Aswân	00	9	28	3	0	0	—	4.2	40.1	10	0	00	9	30	3	0	0	—	4.6	37.0	11	0	158
WESTERN DESERT																							
Sîwa	00	8	00	0	0	0	—	7.8	38.0	57	0	00		00	0	0	0	—	8.2	34.0	51	0	148
Baharîya	00	9	00	0	0	0	—	8.0	37.0	30	0												149
Khârga	00	9	32	1	0	0	—	6.6	40.0	20	0	00	9	32	1	0	0	—	7.0	35.4	23	0	151
Dakhla	00	9	04	1	0	0	—	7.2	38.5	18	0	00	7	28	2	0	0	—	9.0	29.3	26	0	152
RED SEA																							
Tôr																							145
Hurghâda	00	8	02	3	0	0	—		34.4	38	0	00	8	28	2	0	0	—	—	32.9	39	0	146
Quseir	00	8	32	2	0	0	—	5.0	34.3	56	0	00	8	20	1	0	0	—	4.2	31.0	61	0	147
Port Sûdân	20	9	08	3	5	3	4	3	37	37													169
NORTH SÛDÂN																							
Wâdi Halfa	00	8	32	2	0	0	—	4	42	08													165
Kareima	01	8	28	1	0	4	8,4	5	39	24													166
'Atbara	02	8	20	2	1	5	8,4	4	39	24													167
Khartûm	02	8	18	4	1	6	7,4	6	34	41													168
Kassala	62	8	16	1	6	7	7,4	9	25	79													170
CENTRAL SÛDÂN																							
Wad Medani	01	8	18	3	1	5	8	6	33	47													171
Renk	01	9	20	2	1	5	8	—	29	66													182
Roseires	01	8	18	2	1	4	8	10	29	66													172
El Obeid	03	8	16	1	8	8	7,4	7	30	55													174
El Fâsher																							175
Geneina																							179
Kadugli	03	6	12	2	5	8	9	—	22	94													187
S. SÛDÂN																							
Malakâl	02	8	18	2	1	7	7,4	9	29	70													176
Wâu																							177
Juba	62	8	28	2	6	8	6,5	12	22	88													178

At 8h. on Tuesday 13th (الساعة ٨ يوم الثلاثاء ١٣)

Station	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Dry Bulb °C (TTT)	Max. Yesterday °C (MM)	Max. Diff. from norm. °C	Min. Today °C (mm)	Min. Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
MEDITERRANEAN																		
Salûm												—		—				99
Matrûh	00	9	28	3	1	0	—	9.0	-1.6	27.8	30	+2	22	0	79	0	101	161
Mariut	00	7	28	3	0	1	6	7		28		—	25	—	79	0	187	138
Alexandria	01	9	30	2	1	3	4	7.5	-2.6	28.0	31	+1	25	+1	74	0	170	186
Damietta	01	8	20	2	2	3	8	6.4	-2.6	28.0	33	—	25	—	83	0	81	106
Port Saîd	02	8	30	2	2	5	6	6.4	-2.0	27.7	34	+2	26	+2	71	0	71	81
El 'Arîsh	01	9	22	2	1	4	3	6.7	-2.3	31.1	33	+2	23	+2	63	0	—	94
LOWER EGYPT																		
Damanhûr	01	7	28	3	1	4	8	6.8	-2.9	27.3	33	0	22	+2	80	0	92	101
Mansûra	02	8	04	2	2	5	8	7.1	-2.2	27.5	37	+2	25	+4	70	0	66	55
Tanta	02	8	24	1	1	5	8	7.4	-2.5	26.8	35	0	23	+3	75	0	107	44
Zagazig	02	6	16	1	1	5	8	7.1	-2.9	27.7	36	+1	25	+5	74	0	24	27
Shebîn el Kôm	01	8	22	2	1	4	8	6.8	-3.0	28.8		—		—	69	0	36	—
MIDDLE EGYPT																		
Cairo: Almaza	01	7	28	1	1	5	6	7.3	-2.3	26.4		—	24	—	75	0	10	—
Cairo: Ezbekîya	05	7	30	2	2	6	6	7.9	-1.7	27.7	37	+2	24	+2	68	0	22	26
Cairo: Gîza	05	6	26	2	2	5	6	7.8	-1.7	27.5	37	+2	22	+2	69	0	41	27
Helwân	05	6	28	1	2	5	8	7.8	-1.7	25.6	37	+2	24	+3	74	0	20	29
Suez	00	9	00	0	0	0	—	7.6	-1.1	29.4	38	+2	25	+2	59	0	—	17
UPPER EGYPT																		
Faiyûm	01	8	02	2	1	4	8	7.8	-1.9	26.5	38	+2	22	+1	73	0	13	8
Minya	00	8	02	2	0	0	—	8.2	-0.9	27.8	38	+2	22	+1	70	0	[illegible]	—
Asyût	00	7	18	1	0	0	—	7.6	-1.1	29.9	38	+1	23	0	52	0	0	4
Nag' Hamâdi	00	8	00	0	0	0	—	7.1	-0.4	29.8	38	—	22	—	46	0	1	—
Qena	00	8	20	2	0	0	—	5.9	-1.4	31.0	42	+2	24	0	37	0	13	—
Luxor	00	7	28	2	0	0	—	6.0	-1.0	33.0	41	0	23	0	21	0	0	—
Aswân	00	9	00	0	0	0	—	6.7	-0.5	32.2	42	+1	27	+1	28	0	[illegible]	
WESTERN DESERT																		
Sîwa	00	7	00	0	0	0	—	7.8	-2.2	27.0	39	+1	19	-1	66	0	5	8
Baharîya																	0	7
Khârga	00	9	32	1	0	0	—	7.2	-10.3	29.5	41	+2	21	-2	32	0	1	—
Dâkhla	00	8	24	1	0	0	—	8.4	-0.8	30.0	40	+1	24	+1	25	0	0	—
RED SEA																		
Tôr																	0	13
Hurghâda	00	8	30	3	0	0	—			31.6	35	0	27	+2	50	0	1	3
Quseir	00	8	32	2	0	0	—	5.4	-1.1	31.7	36	+2	27	0	46	0	11	4
Port Sûdân	00	9	00	0	0	3	3	4		37					24	tr	62	103
NORTH SÛDÂN																		
Wâdi Halfa	01	8	00	0	1	4	2	7		32					28	0	tr	—
Kareima	01	8	22	3	1	4	—	8		31					52	0	19	16
'Atbara	02	8	16	3	1	7	4	9		28					70	0	72	40
Khartûm	03	8	18	4	2	8	5	10		27					66	1	138	109
Kassala	61	8	14	2	9	8	7	12		21					88	19	304	197
CENTRAL SÛDÂN																		
Wad Medani	03	9	18	3	1	8	6	11		24					94	6	326	257
Renk	03	8	18	3	2	8	9	13?		23		—		—	84	—		346
Roseires	02	7	18	1	2	7	7,5	15		23					89	1	468	517
El Obeid	02	9	16	4	1	5	6	12		24					74	tr	283	218
El Fâsher								—	—								130	194
Geneina								—	—			—		—				348
Kadugli	02	7	28	2	1	7	9	14		22				—	94	—		523
S. SÛDÂN																		
Malakâl	02	8	00	0	1	7	6,4	14		22					94	10	697	583
Wâu	02	8	00	0	1	6	6,4	14		21					94	61	867	813
Juba	02	8	32	1	1	6	6,4	14		21					94	6	1018	780

UPPER WINDS ON 12th (١٢)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

Matrûh	Mariut	Port Saîd	Almâza	Minya	Luxor	Hurghâda	Wâdi Halfa	Kareima	Khartûm	Kassala	El Obeid	Malakal	Juba
13 h.					12 h. 30 m.			13 h.	13 h.		13 h.		
03 33 30					03 31 40			09 31 30	09 23 15		09 23 10		
06 32 30					06 31 45			15 25 15	15 21 05		15 25 05		
09 33 15					09 32 55			21 29 15			21 24 05		
15 39 20					15 31 45								
21 38 25					18 31 30								
30 29 30													
45 02 30													

UPPER WINDS ON 13th (الرياح العليا يوم ١٣)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

Matrûh	Mariut	Port Saîd	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa	Abu Hamad	Kareima	Khartûm
6 h. 30 m.	6 h. 45 m.		9 h. 37 m.			6 h. 15 m.			7		
03 29 15	03 33 25		02 32 30			03 33 20			09 24 15		
06 31 20	06 35 25		05 32 20			06 33 40			15 36 25		
09 29 15	09 32 20		08 32 30			09 32 50			21 32 25		
15 31 15	12 35 15		10 32 35			12 34 55			27 31 20		
21 32 15	15 35 20		15 34 25			15 33 30			33 31 20		
30 34 15	18 32 20		17 34 25			18 33 10			39 05 25		
45 28 40	21 32 20					21 33 20					
60 25 30	24 33 15										
75 25 30	27 32 10										

Kassala	Port Sûdân	El Obeid	El Fâsher	Geneina	Malakal
	7 h.	7 h. 30 m.			7 h.
	09 33 05	09 22 10			09 23 18
	15 34 15	15 20 20			15 23 18
	21 35 20	21 14 20			21 25 18
	27 35 30	27 12 30			27 26 20
	33 03 25	33 12 20			33 29 15
					39 25 15

Upper Air Temp. Almâza at 5 G.M.T. on 13th

Height Feet	P.P.P. m.b.	T T °F	Td °F
Surface	998	77.5	74
500	980	75	70.5
1000	962	71	66
1500	945	70.5	67
2000	928	67	63
4000	862	72	53
6000	800	61	46.5
8000	741	57	38
10000	686	55	35
12000	635	53	32.5
14000	586	46	28
16000	541	45	27

Cyprus Synoptic 8h. on 13th

34800 00890 26200 04311 80701 00230
34700 00770 24200 04272 40002 00202

Hours are Egyptian standard time and are two hours fast on Greenwich mean time.

Mean of Day

Station	Humidity % on 12th	Diff. from normal	Dry Bulb °C on 12th	Diff. from normal
Alexandria	76	+2	24.7	+1.6
Ezbekîya	56	-5	24.0	+1.2
Gîza	61	-1	23.4	+1.0
Helwân	60	+1	24.7	+1.2

GÎZA — Grass Minimum Temp. on 13th 20.1 °C

CAIRO — Water Temp. River Nile at 9h. on 13th 28.2 °C

Discharges of Aswân measured by sluices m³ per sec.	1946	1945
13-8	10193	6070
12-8	10093	6555

Gauge Readings (Date: 13-8-1946)

Gauge	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba			13.00	-0.74
Nâsser			9.76	+0.05
Malakâl	11.74	0.00	11.72	0.00
J. Aulia Res.				
J. Aulia D.S.				
Roseires	21.30	+2.14	21.80	+2.68
Sennar Res.			17.21	
Khartûm	16.28	+1.09	16.18	+1.03
Kh. el Girba			11.29	+3.16
'Atbara	15.82	+1.20	15.86	+1.34
Kajnarti			143.86	+4.01
Aswân Res.	100.40		97.48	
Aswân D.S.	92.80	+1.92	92.80	+2.05
Roda (Cairo)	18.37	+1.35	17.97	+1.09

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	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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Nearly Overcast	7
Overcast	8
Fog or Dust	9

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.

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

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ANNUAL SUBSCRIPTION P.T. 150

Time of Sunrise 05 21 h. m.
Sunset 18 38

Month August 1946

DAILY WEATHER REPORT

شهر أغسطس ١٩٤٦

At 14h. on Tuesday 13th — الساعة ١٤ يوم الثلاثاء ١٣ | At 20h. on 13th — الساعة ٢٠ يوم الثلاثاء ١٣

STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH			28	3	0	0	–	8.4	28.4	79	0	00	8	00	0	0	0	–	8.0	26.6	80	0	131
MARIUT	00	7	26	4	0	0	–	7	30	24	0	00	7	28	3	0	0	–	7	26	84	0	150
ALEXANDRIA	00	9	28	4	0	0	–	7.2	29.0	71	0	00	6	32	2	0	0	–	8.0	26.0	84	0	132
DAMIETTA	00	8	28	3	1	0	–	6.2	30.2	76	0	00	7	28	3	0	0	–	6.3	27.0	92	0	159
PORT SA'ÎD	00	8	30	3	0	0	–	6.2	32.8	62	0	00	8	30	3	0	0	–	6.6	27.2	84	0	134
EL 'ARÎSH	00	9	30	3	0	0	–	5.8	29.3	70	0	00	9	30	2	1	2	3	6.4	27.2	70	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	28	2	0	0	–	7.8	32.2	52	0	00	7	32	3	0	0	–	8.2	26.2	78	0	136
MANSÛRA	01	8	02	2	1	4	8	6.2	34.5	39	0	00	6	28	2	1	0	–	7.0	27.3	77	0	137
TANTA	00	8	28	2	1	0	–	6.2	34.8	42	0	00	8	20	1	0	0	–	8.0	27.0	84	0	138
ZAGAZIG	01	6	24	2	1	4	8	6.3	34.0	51	0	00	6	24	2	0	0	–	6.6	28.0	70	0	139
SHEBÎN EL KÔM	00	8	28	1	0	0	–	6.3	36.2	46	0	00	7	30	2	0	0	–	7.4	27.9	72	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	30	2	0	3	8	5.4	34.3	44	0	00	7	02	1	0	0		7.1	30.3	52	0	141
CAIRO EZBEKÎYA	00	8	28	2	0	2	8	6.2	34.8	42	0	00	6	32	3	0	0	–	7.4	29.5	57	0	—
CAIRO GÎZA	00	8	30	3	0	1	8	6.4	34.5	37	0	00	8	32	2	0	0	–	7.6	29.0	55	0	—
HELWÂN	00	8	28	4	0	1	8	5.5	34.3	30	0	00	7	32	2	0	0	–	6.7	30.5	40	0	143
SUEZ	00	9	30	2	0	0	–	5.8	36.4	29	0	00	9	30	2	0	0	–	5.9	32.8	50	0	144
UPPER EGYPT																							
FAIYÛM	01	8	30	2	1	3	8	5.4	36.0	27	0	00	8	30	2	0	0	–	6.4	30.3	37	0	153
MINYA	00	9	30	2	0	0	–	5.9	37.3	24	0	00	8	30	2	0	0	–	6.8	32.4	33	0	154
ASYÛT	00	8	28	1	0	0	–	7.0	36.2	22	0	00	6	30	1	0	0	–	7.1	31.1	37	0	155
NAG' HAMÂDI	00	8	00	0	0	0	–	6.0	36.4	23	0	00	8	00	0	0	0	–	6.0	28.8	45	0	164
QENA	00	9	26	3	0	0	–	5.9	40.0	19	0	00	6	22	2	0	0	–	5.2	33.2	27	0	156
LUXOR	00	9	22	2	0	0	–	5.0	39.0	21	0	00	6	28	1	0	0	–	6.4	32.0	28	0	157
ASWÂN	00	9	30	3	0	0	–	4.4	40.0	12	0	00	9	00	0	0	0	–	5.1	37.0	14	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	–	9.5	39.0	50		00		00	0	0	0	–	9.0	34.3	50	0	148
BAHARÎYA	00	9	32	1	0	0	–	–	35.5	31		00		00	0	0	0	–	–	28.0	51	0	149
KHÂRGA	00	9	32	1	0	0	–	7.5	38.5	28	0	00	9	32	1	0	0	–	8.3	31.4	37	0	151
DAKHLA	00	9	24	1	0	0	–	7.5	38.3	18	0	00	7	24	1	0	0	–	8.7	30.0	25	0	152
RED SEA																							
TÔR																							145
HURGHÂDA	00	8	02	3	0	0	–		34.7	39	0	00	8	28	3	0	0	–		33.1	43	0	146
QUSEIR	00	8	32	3	0	0	–	4.2	35.0	57	0	00	8	24	2	0	0	–	4.0	31.0	48	0	147
PORT SÛDÂN	01	8	28	4	1	3	4	13	38	50													169
NORTH SÛDÂN																							
WÂDI HALFA	00	8	28	3	1	3	2	4	42	09													165
KAREIMA	02	8	20	1	1	6	8,4,5	6	37	31													166
'ATBARA	02	7	18	5	1	8	5	7	32	35													167
KHARTÛM	10	7	13	5	2	8	6,5	11	28	58													168
KASSALA	24	8	22	1	6	7	6,4,5	11	22	94													170
CENTRAL SÛDÂN																							
WAD MEDANI	02	9	18	4	1	8	9	10	25	79													171
RENK	01	9	18	2	1	4	8	9	28	66													182
ROSEIRES	51	6	08	2	2	8	7,5	12	25	70													172
EL OBEID	14	8	20	5	1	6	8,4		29	52													174
EL FÂSHER																							175
GENEINA																							179
KADUGLI	02	8	28	4	1	6	9	11	27	62	0												187
S. SÛDÂN																							
MALAKÂL	02	8	20	3	6	6	9,4	11	26	84													176
WÂU	01	8	16	1	1	4	8	10	27	62													177
JUBA	02	8	32	1	1	6	8,2	10	28	66													178

At 8h. on Wednesday 14th — الساعة ٨ يوم الأربعاء ١٤

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct 1 mms
MEDITERRANEAN																		
SALÛM												—		—				99
MATRÛH	00	9	28	1	0	0	–	9.4	-1.3	28.0	30	+2	21	-1	77	0	101	161
MARIUT	00	7	27	3	0	3	6	7		29	31	—	24	—	74	0	187	138
ALEXANDRIA	01	9	28	2	1	4	4	9.4	-0.7	27.0	31	+1	25	+1	77	0	170	186
DAMIETTA	01	7	20	2	1	3	8	6.6	-2.5	28.0	32	—	23	—	88	0	81	106
PORT SA'ÎD	01	8	26	2	1	5	6	6.8	-1.7	27.9	33	+1	26	+2	70	0	71	81
EL 'ARÎSH	01	9	26	1	1	4	3	6.8	-2.3	30.2	32	+1	23	+2	72	0	–	94
LOWER EGYPT																		
DAMANHÛR	01	7	28	3	1	3	5	7.4	-2.3	27.2	33	0	21	+1	83	0	92	101
MANSÛRA	02	8	02	2	2	5	8	7.4	-2.0	26.5	36	+1	22	+1	80	0	66	55
TANTA	01	8	24	1	1	4	8	7.8	-2.1	27.0	35	0	21	+1	84	0	107	44
ZAGAZIG	01	6	08	2	1	4	8	7.9	-2.2	28.8	35	0	22	+2	70	0	24	27
SHEBÎN EL KÔM	01	8	30	2	1	4	8	7.4	-2.4	29.8	37	—	23	—	69	0	36	—
MIDDLE EGYPT																		
CAIRO ALMAZA	05	6	28	1	2	4	6	7.8	-1.8	26.7	36	—	23	—	78	0	10	—
CAIRO EZBEKÎYA	05	7	24	1	2	4	6	8.3	-1.4	27.6	37	+2	24	+2	68	0	22	26
CAIRO GÎZA	05	6	28	2	2	3	6	8.3	-1.3	28.0	35	0	21	+1	69	0	41	27
HELWÂN	05	6	28	1	1	4	8	8.4	-1.2	26.8	35	0	22	+1	78	0	20	29
SUEZ	00	9	30	1	0	0	–	8.0	-0.7	28.4	38	+2	23	0	69	0	–	17
UPPER EGYPT																		
FAIYÛM	00	8	02	2	0	0	–	7.9	-1.9	26.9	37	+1	22	+1	70	0	13	8
MINYA	00	9	32	2	0	0	–	7.6	-1.5	28.3	38	+2	22	+1	60	0	dr	—
ASYÛT	00	7	28	1	0	0	–	7.9	-0.8	29.3	37	0	23	0	44	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	–	7.8	+0.2	30.2	37	—	23	—	50	0	1	—
QENA	00	8	30	2	0	0	–	5.4	-1.9	30.2	41	+1	24	0	45	0	13	—
LUXOR	00	7	28	1	0	0	–	6.9	-0.9	33.0	41	[illegible]	22	[illegible]	16	0	0	—
ASWÂN	00	9	00	0	0	0	–	7.8	[illegible]	32.0	41	0	26	0	28	0	dr	–
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	–	9.9	-2.1	26.6	40	+2	20	0	68	0	5	8
BAHARÎYA	00	9	00	0	0	0	–	–	–	31.0	37	+1	23	+3	53	0	0	7
KHÂRGA	00	9	08	1	0	0	–	8.7	+0.1	31.0	41	+2	22	-1	28	0	1	—
DÂKHLA	00	8	32	1	0	0	–	9.1	-0.2	29.0	40	+1	24	+1	26	0	0	—
RED SEA																		
TÔR																		13
HURGHÂDA	00	8	30	4	0	0	–			30.2	36	+1	23	-2	50	0	1	3
QUSEIR	00	8	30	2	0	0	–	–		30.4	36	+2	26	-1	52	0	11	4
PORT SÛDÂN	00	8	28	1	0	0	–	6		36					87	0	62	103
NORTH SÛDÂN																		
WÂDI HALFA	00	8	30	1	0	3	4,1	7		30					33	0	tr	—
KAREIMA	00	9	22	3	0	2	4	9		30					59	0	19	17
'ATBARA	01	8	18	3	1	4	8,4	11		31					31	0	72	42
KHARTÛM	02	8	14	3	2	6	4,5	11		26					79		138	102
KASSALA	02	8	16	2	1	6	6,4,5	12		23					94	12	316	202
CENTRAL SÛDÂN																		
WAD MEDANI	02	9	16	3	1	6	6	12		22					94	0	326	262
RENK	01	9	16	1	2	4	8	11?		23		—		—	94	—	–	351
ROSEIRES	01	8	16	2	1	4	3	14		23					84	2	470	525
EL OBEID																	283	222
EL FÂSHER								—	—									199
GENEINA	02	8	00	0	1	7	6,4,5	—	—	24		—		—	79	0		356
KADUGLI	02	8	04	2	1	6	9	12		24		—		—	84	—	-	528
S. SÛDÂN																		
MALAKÂL	02	8	14	2	1	5	4,5	12		24					94	3	700	589
WÂU	02	8	20	0	1	8	6	13		22					88	0	867	820
JUBA	01	8	14	2	1	5	4	13		23					94	0	1018	784

UPPER WINDS ON 13th — الرياح العليا يوم ١٣

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH (13h. 15m.)	MARIUT (13h.)	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA (13h.)	KHARTÛM (13h.)	KASSALA	EL OBEID (13h.)	MALAKAL (12h.)	JUBA (13h.)
03 33 20	03 30 30							09 19 05	09 18 30		09 23 20	09 26 10	09 01 15
06 31 20	06 31 25							15 22 01	15 19 30		15 24 20	15 26 10	15 02 20
09 30 30	09 31 30							21 30 05				21 28 20	21 03 15
15 29 30	12 31 35							27 31 10				27 28 15	27 02 15
21 31 30	15 30 35											33 27 10	33 02 20
27 34 30	18 29 20											39 25 05	39 03 15
30 35 30													

UPPER WINDS ON 14th — الرياح العليا يوم ١٤

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH (6h. 30m.)	MARIUT	PORT SA'ÎD	HELWÂN (9h.)	Cairo [crossed out] (10h. 30m.)	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD (7h.)	KAREIMA (7h.)	KHARTÛM (6h. 30m.)
03 30 20			02 32 05	02 30 25					09 26 30	09 24 35	09 23 30
06 34 15			05 32 10	05 30 20					15 02 15	15 29 30	15 27 15
09 35 20			08 33 15	08 29 15					21 10 15	21 33 30	21 03 20
15 10 05			10 31 25	10 30 20						27 36 30	24 01 30
21 [illegible] 05			15 30 25	15 30 15						33 02 35	30 06 20
			20 32 10	20 08 20						39 04 35	
				25 08 15							
				30 21 05							
				35 28 10							

KASSALA	PORT SÛDÂN (7h.)	EL OBEID	EL FÂSHER	GENEINA (7h.)	MALAKAL (6h.)
	09 31 25			09 29 05	09 17 15
	15 33 30			15 26 20	15 17 15
	21 34 20			21 22 20	21 22 15
	27 34 10			27 13 10	27 24 15
	33 10 15				33 34 10
					39 35 05
					51 04 10

UPPER AIR TEMP. at 7h. G.M.T. on 14th

HEIGHT feet	P.P.P. m.b.	T.T. °F	
Surface	999	75	73
500	981	73	69
1000	963	71	69
1500	946	75	61
2000	929	81	57
4000	863	72	54
6000	800	64	49
8000	742	54	42
10000	687	54	34
12000	636	81	31
14000	587	49	20
15000	563	40	30

CYPRUS SYNOPTIC 8h. ON 14th

34700 00890 06300 05312 40003 00190
34850 00951 36301 05311 30303 00240

NOTES

Hours are Egyptian standard time, long. 30° E and are two hours fast on Greenwich mean time.

Station	Humidity % 13th	Diff. from normal	13th	Diff. from normal
Alexandria	77	+3	24.5	+1.2
Ezbekiya	57	-4	23.8	+1.0
Gîza	57	-6	23.2	+0.9
Helwân	54	+3	21.8	+1.1

GÎZA — GRASS MINIMUM TEMP. ON 14th 18.5 °c

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 14th 28.3 °c

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	14-8	10335	5915
	13-8	10193	6070

GAUGE	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	14-8-1946	-	-	—	—
Nâsser				9.80	+0.06
Malakâl		11.76	0.00	11.74	0.00
J. Aulia Res.		-	-	376.44	-
J. Aulia D.S.		-	-	375.89	+1.04
Roseires		21.20	+2.02	21.30	+2.14
Sennar Res.		-	-	17.24	-
Khartûm		16.38	+1.14	16.28	+1.09
Kh. el Girba					
'Atbara		15.67	+1.03	15.82	+1.24
Kajnarti		142.75	+2.55	142.89	+2.83
Aswân Res.		101.00	-	100.40	-
Aswân D.S.		92.80	+1.80	92.80	+1.92
Roda (Cairo)		18.73	+1.61	18.37	+1.35

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4

WIND FORCE

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.

CLOUD FORM

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

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ANNUAL SUBSCRIPTION P.T. 150

Sunset h. m. 19 37 — Month August 1946

DAILY WEATHER REPORT

At 4h. on 14th — الساعة ١٤ يوم ١٤

Station	Present Weather ww	Visibility v	Wind Dir. dd	Wind Force f	Past Weather w	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. ppp	°C ttt	% Humidity uu	Rain 8-14 mms.	Station Number
MEDITERRANEAN: SALUM												130
MATRUH	00	9	30	2	0	0	—	8.8	28.4	83	0	131
MARIUT	00	7	28	4	0	0	—	8	30	70	0	150
ALEXANDRIA	00	9	28	4	0	0	—	8.2	30.0	65	0	132
DAMIETTA	00	8	30	3	1	0	—	6.6	30.0	74	0	159
PORT SA'ID	00	8	30	3	0	0	—	6.7	32.3	68	0	134
EL 'ARISH	00	9	28	5	0	0	—	6.3	30.7	—	0	135
LOWER EGYPT: DAMANHUR	00	7	28	4	1	0	—	7.8	32.3	52	0	136
MANSURA	00	8	30	2	1	0	—	6.8	35.7	39	0	137
TANTA	00	8	32	3	1	0	—	6.8	34.4	44	0	138
ZAGAZIG	00	6	24	2	0	0	—	7.0	35.0	46	0	139
SHEBIN EL KOM	00	8	30	2	0	0	—	7.0	35.6	38	0	
MIDDLE EGYPT: AL MAZA	00	8	28	3	0	0	—	6.3	35.3	22	0	141
EZBEKIYA	00	8	32	2	0	0	—	6.7	36.0	34	0	
GÎZA	00	8	28	1	0	0	—	7.4	35.8	31	0	
HELWAN	00	8	28	3	0	0	—	6.3	35.1	24	0	143
SUEZ	00	9	30	2	0	0	—	6.0	36.2	32	0	144
UPPER EGYPT: FAIYUM	00	8	30	2	0	0	—	6.6	36.0	25	0	153
MINYA	00	9	32	3	0	0	—	8.2	37.6	25	0	154
ASYUT	00	8	26	1	0	0	—	7.1	36.9	20	0	155
NAG HAMADI	00	8	00	0	0	0	—	6.2	36.8	17	0	164
QENA	00	9	26	2	0	0	—	4.7	40.0	19	0	156
LUXOR	00	7	30	2	0	0	—	5.8	39.5	20	0	157
ASWAN	00	9	02	3	0	0	—	5.0	40.0	12	0	158
WESTERN DESERT: SIWA	00	8	24	3	0	0	—	9.5	37.0	39	0	148
BAHARIYA												149
KHARGA	00	9	28	1	0	0	—	6.6	39.0	30	0	151
DAKHLA	00	9	28	1	0	0	—	6.0	39.0	19	0	152
RED SEA: TOR												145
HURGHADA	00	8	02	3	0	0	—		33.2	42	0	146
QUSEIR	00	8	32	2	0	0	—	4.8	34.2	51	0	147
PORT SUDAN	00	7	08	4	0	1	8	4	38	37		169
NORTH SUDAN: WADI HALFA	00	8	02	2	0	0	—	5	41	10		165
KAREIMA	01	8	20	2	0	4	4	6	37	25		166
ATBARA	01	8	30	3	1	4	8	5	36	35		167
KHARTUM	00	8	20	3	1	2	8.4	7	34	36		168
KASSALA	01	8	18	1	1	5	8.4	9	29	70		170
CENTRAL SUDAN: WAD MEDANI	02	6	18	2	1	6	3	8	30	55		171
RENK	01	9	18	3	1	5	8	—	30	38		182
ROSEIRES	01	8	20	1	0	5	8	9	30	66		172
EL OBEID	02	9	28	2	1	5	8.4	8	30	49		174
EL FASHER	02	9	18	3	6	5	8.4		28	34		175
GENEINA	05	8	12	3	6	8	9		18	94		179
KADUGLI	02	8	20	4	1	6	9	9	29	62		187
S. SUDAN: MALAKAL	02	8	20	1	6	6	9.4	10	27	74		176
WAU	00	8	18	2	6	8	9.4	13	25	79		177
JUBA	01	8	12	3	1	4	8.4	12	27	70		178

At 20h. on Wednesday 14th — الساعة ٢٠ يوم الأربعاء ١٤

Station	Present Weather ww	Visibility v	Wind Dir. dd	Wind Force f	Past Weather w	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. ppp	°C ttt	% Humidity uu	Rain 14-20 mms.
MEDITERRANEAN: SALUM											
MATRUH	00	8	00	0	0	0	—	7.0	26.4	89	0
MARIUT	00	7	30	2	0	0	—	8	26	84	0
ALEXANDRIA	00	6	32	2	0	0	—	8.8	26.2	79	0
DAMIETTA	00	8	28	2	0	0	—	6.7	27.2	90	0
PORT SA'ID	00	8	30	3	0	0	—	6.8	27.5	88	0
EL 'ARISH	00	9	32	2	0	0	—	6.8	27.5	90	0
LOWER EGYPT: DAMANHUR	00	7	32	2	0	0	—	8.6	26.2	78	0
MANSURA	00	6	30	2	0	0	—	7.2	27.6	73	0
TANTA	00	8	24	1	0	0	—	8.2	27.0	79	0
ZAGAZIG	00	6	24	2	0	0	—	7.4	29.5	67	0
SHEBIN EL KOM	00	7	02	2	0	0	—	7.4	28.7	69	0
MIDDLE EGYPT: AL MAZA	00	7	02	3	0	0	—	6.6	31.6	51	0
EZBEKIYA	00	7	30	2	0	0	—	7.5	31.0	51	0
GÎZA	00	8	32	2	0	0	—	7.6	30.1	57	0
HELWAN	00	7	32	3	0	0	—	6.2	32.7	39	0
SUEZ	00	9	30	1	0	0	—	7.8	31.2	40	0
UPPER EGYPT: FAIYUM	00	8	00	0	0	0	—	6.2	33.0	49	0
MINYA	00	8	02	1	0	0	—	5.6	30.7	41	0
ASYUT	00	6	26	1	0	0	—	7.0	31.2	31	0
NAG HAMADI	00	8	00	0	0	0	—	6.3	32.8	31	0
QENA	00	6	24	1	0	0	—	5.0	33.4	28	0
LUXOR											
ASWAN	00	9	32	1	0	0	—	5.2	36.5	16	0
WESTERN DESERT: SIWA	00	—	00	0	0	0	—	9.5	33.2	49	0
BAHARIYA											
KHARGA	00	9	08	1	0	0	—	8.0	33.2	32	0
DAKHLA	00	7	28	1	0	0	—	9.1	30.0	24	0
RED SEA: TOR											
HURGHADA	00	8	28	1	0	0	—		31.7	44	0
QUSEIR	00	8	28	2	0	0	—	4.7	32.0	40	0
PORT SUDAN											
NORTH SUDAN: WADI HALFA											
KAREIMA											
ATBARA											
KHARTUM											
KASSALA											
CENTRAL SUDAN: WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FASHER											
GENEINA											
KADUGLI											
S. SUDAN: MALAKAL											
WAU											
JUBA											

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is velocity in kilometres per hour.

UPPER WINDS ON 14th — الساعة ١٤ يوم ١٤

MATRUH	MARIUT	PORT SA'ID	ALMAZA	MINYA	LUXOR	HURGHADA	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	12 h. 15 m.	h. m.	h. m.	12 h. 30 m.	h. m.	12 h. 15 m.	h. m.	12 h. m.	h. m.	12 h. m.	12 h. m.	12 h. 15 m.
		03 31 15			03 27 15		03 35 30		03 31 20		03 22 05	03 23 30	03 19 20
		06 30 15			06 30 15		15 32 35		15 33 15		15 16 10	15 21 20	15 18 20
		03 32 10			03 32 20		21 32 40		21 34 10		21 10 20	21 20 20	21 16 20
		12 03 20			12 32 15						24 10 20	27 19 05	27 04 20
		15 03 20			15 34 20							33 17 05	33 17 05
		18 03 20			18 31 25							39 14 10	
		21 05 30			21 31 40								
		24 35 05			24 30 40								
		27 24 05			27 20 20								

Remarks

Hours are egyptian standard time, long 30 E. and are two hours fast on Greenwich mean time

Discharges at Aswan measured by sluices m³ per sec.	DATE	1946	1945
	15-8	10383	5680
	14-8	10335	5715

STATION	Mean of day: Humidity % on 14th	Humidity Diff from normal	Wet Bulb Temp °C on 14th	Wet Bulb Diff from normal
Alexandria	76	+3	24.2	+0.9
Ezbekiya	55	-6	23.7	+0.9
Giza	58	-5	23.7	+1.4
Helwan	55	+4	24.9	+1.2

GIZA — GRASS MINIMUM TEMP. ON 15th 20.6 °C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 15th 28.4 °C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	15-8			13.82	+0.08
Nasser				9.82	+0.06
Malakâl		11.80	+0.03	11.76	0.00
J. Aulia Res.				376.42	
J. Aulia D.S				376.01	+1.11
Roseires		20.70	+1.50	21.20	+2.02
Sennar Res.				17.20	
Khartûm		16.51	+1.22	16.38	+1.14
Kh. el Girba					
Atbara		15.78	+1.08	15.76	+1.12
Kajnarti				142.75	+2.55
Aswân Res.		101.10		101.00	
Aswân D.S		92.80	+1.70	92.80	+1.80
Roda (Cairo)		19.06	+1.62	18.73	+1.61

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شهر اغسطس ١٩٤٦

At 8h. on Thursday 15th — الساعة ٨ يوم الخميس ١٥

Station	Present Weather ww	Visibility v	Wind Dir. dd	Wind Force f	Past Weather w	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. ppp	Diff. from normal mbs.	Temperature Dry Bulb °C ttt	Maximum Yesterday °C mm	Maximum Diff. from norm. °C	Minimum Today °C mm	Minimum Diff. from norm. °C	% Humidity uu	Rainfall Past 24 hrs mms	Rainfall Total From Oct 1 mms	Rainfall Norm From Oct 1 mms	Station Number
MEDITERRANEAN: SALUM													—					99	
MATRUH	00	9	28	3	0	0	—	9.1	-1.6	28.0	29	+1	22	0	80	0	101	111	
MARIUT	01	7	26	2	1	5	6	8		28	30	—	23	—	79	0	187	138	
ALEXANDRIA	01	9	28	2	1	4	0	8.6	-1.6	28.0	31	+1	25	+1	70	0	170	126	
DAMIETTA	01	7	28	2	1	3	8	7.5	-1.6	28.1	32	—	24	—	80	0	81	106	
PORT SA'ID	00	8	30	6	0	3	4	7.4	-1.2	28.6	33	+1	26	+2	78	0	71	81	
EL 'ARISH	01	9	20	3	1	3	3	7.4	-1.8	29.8	32	+1	23	+2	77	0	—	94	
LOWER EGYPT: DAMANHUR	01	6	28	3	1	3	8	7.9	-1.9	27.8	33	0	21	+1	78	0	92	101	
MANSURA	01	8	30	2	1	4	8	8.0	-1.4	27.2	37	+2	23	+2	80	0	66	55	
TANTA	00	8	00	0	0	—	—	8.2	-1.7	26.0	35	0	20	0	86	0	107	44	
ZAGAZIG	01	6	24	2	1	4	8	7.8	-2.9	26.4	36	+1	22	+2	84	0	84	27	
SHEBIN EL KOM	00	8	30	2	0	0	—	7.6	-2.3	28.4	37	—	22	—	69	0	36	—	
MIDDLE EGYPT: CAIRO ALMAZA	05	6	01	1	1	4	6	8.3	-1.5	25.6	38	—	23	—	81	0	10	—	
EZBEKIYA	05	6	24	1	1	5	6	8.3	-1.5	27.0	37	+2	24	+2	75	0	22	26	
GÎZA	09	7	30	1	2	5	6	7.9	-1.8	25.6	37	+2	22	+2	82	0	41	27	
HELWAN	05	6	28	1	0	—	—	8.2	-1.5	25.7	37	+3	22	+1	77	0	20	29	
SUEZ	00	9	30	1	0	—	—	7.1	+0.2	28.2	38	+2	23	0	68	0	—	17	
UPPER EGYPT: FAIYUM	00	8	30	1	0	0	—	7.8	-2.1	27.8	38	+2	23	+2	63	0	13	8	
MINYA	00	9	28	2	0	0	—	7.4	-1.8	29.0	39	+3	23	+2	62	0	dr	—	
ASYUT	00	7	26	1	0	0	—	8.4	-0.4	29.1	38	+1	23	0	44	0	0	4	
NAG HAMADI	00	8	00	0	0	0	—	7.1	-0.6	29.6	38	—	19	—	46	0	1	—	
QENA	00	8	30	2	0	0	—	6.2	-1.2	30.0	42	+2	24	0	40	0	13	—	
LUXOR													—	—			0	—	
ASWAN	00	9	00	0	0	0	—	7.0	-0.4	31.7	41	0	27	+1	25	0	dr		
WESTERN DESERT: SIWA	00	7	00	0	0	0	—	10.3	-1.8	26.7	40	+2	19	-1	72	0	5	8	
BAHARIYA	00	9	00	0	0	0	—	9.4	-1.6	29.0	38	+2	23	+3	46	0	0	7	
KHARGA	00	9	28	2	0	0	—	8.7	+0.1	31.1	41	+2	23	-1	32	0	1	—	
DAKHLA	00	8	24	1	0	0	—	8.4	-1.0	29.5	40	+1	24	+1	25	0	0	—	
RED SEA: TOR																	0	13	
HURGHADA	00	8	30	3	0	0	—			31.8	35	0	26	+1	40	0	1	3	
QUSEIR	00	8	30	3	0	0	—	5.6	-1.0	30.6	35	+1	26	-1	45	0	11	4	
PORT SUDAN	01	8	10	1	1	4	4	5		37					41	0	62	103	
NORTH SUDAN: WADI HALFA	00	8	32	1	0	0	—	7		29					31	0	6	—	
KAREIMA	00	8	20	2	0	0	—	7		32					49	0	19	17	
ATBARA	01	8	23	3	0	4	4	7		30					52	0	72	43	
KHARTUM	00	8	16	3	0	1	1	9		29					59	0	138	104	
KASSALA	05	8	14	2	6	5	4	10		24					89	tr	316	206	
CENTRAL SUDAN: WAD MEDANI	01	9	18	4	1	5	7.5	10		24					89	0	326	267	
RENK	03	8	18	2	2	8	9	11		23		—		—	89	—		355	
ROSEIRES	21	8	14	1	5	8	7.5	—		23					94	tr	470	532	
EL OBEID	01	8	18	4	1	4	4	11		24					79	0	283	226	
EL FASHER	02	9	00	0	1	6	4	—	—	23					84	tr	130	203	
GENEINA	02	8	20	2	1	7	4	—	—	19		—		—	94	R		364	
KADUGLI	02	7	20	3	1	7	8	12		23		—		—	89	—		533	
S. SUDAN: MALAKAL	61	6	16	3	6	8	9	10		27					70	25	725	595	
WAU	02	8	18	1	1	7	6.4	15		32					88	tr	867	827	
JUBA	61	8	00	0	6	8	9	16		31					94	tr	1018	788	

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 15th — الساعة ٨ يوم الخميس ١٥

MATRUH	MARIUT	PORT SA'ID	HELWAN	MINYA	ASYUT	LUXOR	ASWAN	WADI HALFA	ABU HAMAD	KAREIMA	KHARTUM
7 h. 15 m.	8 h. 45 m.	8 h. 45 m.	8 h. 30 m.	h. m.	7 h. m.	6 h. 30 m.	h. m.	h. m.	7 h. 15 m.	8 h. 45 m.	8 h. m.
03 31 20	03 27 20	03 30 15	03 32 15		03 31 15	06 32 20			09 01 20	09 27 25	09 22 35
06 30 10	06 29 20	09 35 10	05 03 15		05 01 15	09 32 05			15 01 20	15 33 15	15 15 20 30
09 31 20	09 26 20	15 32 15	08 04 15		10 35 20	15 32 20			21 34 10	21 06 15	21 03 35
15 01 20		18 32 15	10 05 10		15 35 20	21 32 25			27 34 20	27 03 20	24 04 35
21 32 20			15 01 05		20 36 25	27 32 15			33 03 10	33 09 20	27 08 30
			20 28 05			30 33 15			39 11 15	39 13 20	30 06 30
			30 32 15							45 34 20	
			40 34 20							51 34 20	
			05 33 20							57 32 10	

KASSALA	PORT SUDAN	EL OBEID	EL FASHER	GENEINA	MALAKAL
h. m.	7 h. m.	7 h. m.	h. m.	7 h. m.	h. m.
	09 25 20	09 23 30		09 25 15	
	15 23 20	15 23 20		15 16 05	
		21 17 15		21 16 15	
		27 15 10		27 15 20	
		33 01 10			

UPPER AIR TEMP. ALMAZA AT 5 30 G.M.T ON 15th

HEIGHT FEET	P.P.P m.b.	T °C	t °C
Surface	999	77	74
500	981	73	71.5
1000	963	71	67.5
1500	946	80	57
2000	929	80	56
4000	863	71	52
6000	800.5	61	48
3000	792	52	37
10000	687	55	28
12000	635.5	47	28
14000	587	40.5	23
16000	541.5	37	26

CYPRUS SYNOPTIC 9h. ON 15th

34800	00990	26300	05211	60201	00330
34700	00990	08200	05301	80103	00190

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

ANNUAL SUBSCRIPTION P.T. 150

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Time of Sunrise 05 h. 22 m.
Sunset 18 36

Month شهر أغسطس — 1946 ١٩٤٦

At 14h. on Thursday 15th — الساعة ١٤ يوم الخميس ١٠ / At 20h. on 15th — الساعة ٢٠ يوم الخميس ١٠

Station	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar Press M.S.L. 1000+ mbs. PPP	14h Temp °C TTT	14h % Humidity UU	Rain 8–14 mms	20h Present Weather ww	20h Visibility V	20h Wind Dir. DD	20h Wind Force F	20h Past Weather W	20h Cloud Amount N	20h Cloud Form C	20h Bar Press M.S.L. 1000+ mbs. PPP	20h Temp °C TTT	20h % Humidity UU	Rain 14–20 mms	Station Number
Mediterranean																							
SALUM																							130
MATRUH	••	9	30	2	•	•	—	9.1	29.2	76	•	••	8	30	2	•	•	—	8.0	27.7	84	•	131
MARIUT	••	7	27	4	•	1	6	7	30	70	•	••	7	29	2	•	•	—	6	27	84	•	150
ALEXANDRIA	•1	9	30	3	2	3	4	6.6	30.8	63	•	••	6	32	2	•	•	—	7.5	26.2	82	•	132
DAMIETTA	••	8	28	3	1	2	8	6.8	30.2	78	•	••	7	28	2	1	•	—	6.0	26.4	89	•	159
PORT SAÏD	••	8	30	3	•	2	4,5	6.7	32.8	67	•	••	8	30	3	•	•	—	6.0	27.8	80	•	134
EL ARÎSH	••	9	28	4	•	•	—	6.4	30.9	69	•	••	9	32	2	•	•	—	6.4	26.7	92	•	135
Lower Egypt																							
DAMANHÛR	••	7	28	3	1	2	8	7.5	32.8	55	•	••	7	32	3	1	•	—	7.8	25.3	82	•	136
MANSÛRA	•1	8	20	2	1	3	8	7.0	35.0	40	•	••	6	•2	1	1	•	—	6.4	26.8	77	•	137
TANTA	•1	8	28	1	1	4	8	6.3	35.0	42	•	•1	8	24	1	1	4	8	7.1	25.6	80	•	138
ZAGAZIG	••	6	16	2	•	•	—	7.5	35.0	42	•	••	6	24	2	•	•	—	7.1	27.0	77	•	139
SHEBÎN EL KÔM	••	8	22	2	•	•	—	6.6	36.4	34	•	••	7	22	2	•	•	—	6.6	27.3	72	•	—
Middle Egypt																							
CAIRO ALMAZA	••	8	28	3	•	•	—	6.3	35.4	16	•	••	7	32	1	•	•	—	6.1	30.0	53	•	141
CAIRO EZBEKÎYA	••	8	32	2	•	•	—	5.6	35.8	29	•	••	7	30	3	•	•	—	6.6	29.7	55	•	—
CAIRO GÎZA	••	8	30	2	•	•	—	6.0	35.8	27	•	••	8	32	1	•	•	—	6.7	29.1	60	•	—
HELWÂN	•3	8	28	2	•	•	—	6.2	35.4	13	•	••	7	30	4	•	•	—	5.9	31.0	43	•	143
SUEZ	••	9	30	1	•	•	—	6.2	36.7	21	•	••	9	30	1	•	•	—	7.0?	30.9	39	•	144
Upper Egypt																							
FAIYÛM	••	8	30	1	•	•	—	5.9	36.2	19	•	••	8	32	2	•	•	—	5.6	31.8	33	•	153
MINYA	••	9	30	2	•	•	—	5.8	37.3	20	•	••	8	32	1	•	•	—	5.5	32.3	31	•	154
ASYÛT	••	8	28	1	•	•	—	6.8	36.4	22	•	••	6	28	1	•	•	—	—	30.2	35	•	155
NAG HAMÂDI	••	8	••	•	•	•	—	4.4	37.8	25	•	••	8	••	•	•	•	—	4.3	30.2	51	•	164
QENA	••	9	24	1	•	•	—	3.9	40.4	18	•	••	6	22	2	•	•	—	2.4	36.0	29	•	156
LUXOR	••	7	26	2	•	•	—	5.0?	40.0	18	•												157
ASWÂN	••	9	26	3	•	•	—	3.4	40.3	11	•	••	9	••	•	•	•	—	4.2	37.0	10	•	158
Western Desert																							
SÎWA	••	8	••	•	•	•	—	9.6	37.0	48	•	••		••	•	•	•	—	7.5	32.4	52	•	148
BAHARÎYA	••	9	32	1	•	•	—	—	36.5	30	•	••		••	•	•	•	—		28.0	51	•	149
KHARGA	••	9	32	1	•	•	—	6.4	38.0	27	•	••	9	32	1	•	•	—	—	32.4	35	•	151
DAKHLA	••	9	28	1	•	•	—	7.2	38.8	19	•	••	7	28	2	•	•	—	7.4	29.8	24	•	152
Red Sea																							
TÔR																							145
HURGHÂDA	••	8	•2	3	•	•	—		34.3	48	•	••	8	28	1	•	•	—		31.7	44	•	146
QUSEIR	••	8	32	3	•	•	—	4.4	35.3	37	•	••	8	32	2	•	•	—	3.9	32.1	46	•	147
PORT SÛDÂN	••	9	•8	4	1	2	8,1	2	37	56													169
North Sûdân																							
WÂDI HALFA	••	8	30	3	•	1	1	4	42	12													165
KAREIMA	••	8	••	•	1	3	2	5	40	20													166
ATBARA	•1	8	20	3	1	4	8,4,1	4	36	27													167
KHARTÛM	•1	8	20	3	1	4	8,4	6	37	35													168
KASSALA	•2	8	18	2	2	7	8,4	7	31	62													170
Central Sûdân																							
WAD MEDANI	•2	8	18	3	1	5	8	8	33	47													171
RENK	•3	7	18	3	3	8	9	11	26	79													182
ROSEIRES	•2	7	18	1	2	7	7,5	14	35	47													172
EL OBEID	•2	8	••	•	6	7	6,4	8	30	59													174
EL FÂSHER	81	9	12	2	8	4	8,4,5	—	29	59													175
GENEINA																							179
KADUGLI	62	6	20	2	6	7	8,5	10	22	94													187
S. Sûdân																							
MALAKÂL	•3	8	16	3	2	8	6	10	25	84													176
WÂU																							177
JUBA	•2	8	•4	1	6	6	8,5	13	26	70													178

At 8h. on Friday 16th — الساعة ٨ يوم الجمعة ١٦

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm °C	Min. Today °C	Min. Diff. from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Mediterranean																		
SALÛM												—		—				99
MATRÛH	••	9	28	3	•	•	—	7.9	-2.9	27.2	30	+2	21	-1	80	•	101	161
MARIUT	••	7	28	3	1	1	6	6		28	31	—	25	—	74	•	187	138
ALEXANDRIA	•1	9	32	2	1	3	4	6.7	-3.6	27.5	31	+1	25	+1	74	•	170	186
DAMIETTA	••	7	20	2	1	2	8	5.9	-3.3	27.6	32	—	23	—	83	•	81	106
PORT SA'ÎD	••	8	30	3	•	2	1	5.8	-2.9	28.8	34	+2	25	+1	69	•	71	81
EL 'ARÎSH	••	9	20	1	1	1	3	5.6	-3.6	29.9	32	+1	22	+1	93	•	-	94
Lower Egypt																		
DAMANHÛR	•1	6	24	2	1	4	8	6.4	-3.5	25.8	33	•	20	•	85	•	92	101
MANSÛRA	•1	8	•8	2	1	4	8	6.2	-3.3	28.0	36	+1	23	+2	75	•	66	55
TANTA	•1	8	28	1	1	3	8	6.8	-3.2	28.3	35	•	21	+1	75	•	107	44
ZAGAZIG	•1	6	32	2	•	4	8	7.1	-3.2	28.8	36	+1	22	+2	70	•	24	27
SHEBÎN EL KÔM	•1	8	30	1	1	4	8	6.3	-3.7	27.9	39	—	23	—	71	•	36	—
Middle Egypt																		
CAIRO ALMAZA	•5	6	29	1	2	5	6	6.5	-3.4	25.9	38	—	24	—	74	•	10	—
CAIRO EZBEKÎYA	•9	5	26	1	1	5	6	7.1	-2.8	26.7	37	+2	24	+2	71	•	22	26
CAIRO GÎZA	•5	6	30	1	2	6	6	7.2	-2.6	26.7	36	+2	22	+2	72	•	41	27
HELWÂN	•9	6	28	1	1	4	•	7.0	-2.8	25.1	36	+1	23	+2	75	•	20	29
SUEZ	••	9	•2	1	•	•	—	7.0	-2.0	28.6	37	+1	24	+1	61	•	-	17
Upper Egypt																		
FAIYÛM	•1	8	32	2	1	3	8	7.0	-2.9	26.9	38	+2	22	+1	70	•	13	8
MINYA	••	9	32	2	•	•	—	6.8	-2.4	27.7	38	+2	21	•	67	•	dr	—
ASYÛT	••	7	20	1	•	•	—	6.8	-2.0	28.2	38	+1	22	-1	56	•	•	4
NAG HAMÂDI	••	8	••	•	•	•	—	6.3	-1.5	29.8	38	—	22	—	50	•	1	—
QENA	••	8	30	2	•	•	—	4.8	-2.6	30.4	42	+2	25	+1	39	•	13	—
LUXOR												—		—			•	
ASWÂN	••	9	••	•	•	•	—	5.6	-1.8	33.0	42	+1	27	+1	25	•	dr	-
Western Desert																		
SÎWA	••	7	••	•	•	•	—	9.2	-2.9	27.4	40	+2	18	-2	67	•	5	8
BAHARÎYA																	•	7
KHÂRGA	••	9	32	1	•	•	—	7.8	-•.9	30.1	39	•	21	-2	29	•	1	—
DÂKHLA	••	8	28	1	•	•	—	7.9	-1.6	28.5	39	•	22	-1	27	•	•	—
Red Sea																		
TÔR	••	7	28	3	•	•	—	4.0	-2.5	29.1	35	+1	—	—	78	•	•	13
HURGHÂDA	••	8	30	3	•	•	—			31.8	37	+2	26	+1	41	•	1	3
QUSEIR	••	8	32	2	•	•	—	2.8	-3.8	34.0	36	+2	26	-1	42	•	11	4
PORT SÛDÂN	••	8	20	4	•	1	1	4		38					37	•	62	103
North Sûdân																		
WÂDI HALFA	••	8	32	1	•	1	1	6		30					22	•	tr	—
KAREIMA	••	7	22	3	•	3	1	7		31					52	•	19	18
'ATBARA	•2	8	20	4	1	6	8	9		28					66	•	72	44
KHARTÛM	•1	8	18	4	1	3	8,4	10		27					66	•	138	106
KASSALA	•2	8	•8	3	1	5	6,4	12		24						•	316	210
Central Sûdân																		
WAD MEDANI	•2	8	18	5	1	7	6	7		24					74	•	326	271
RENK	•1	9	12	3	2	4	4	13		23		—		—	94	—		357
ROSEIRES	•3	8	14	3	2	8	5	14		23					84	1	471	539
EL OBEID	•2	9	16	4	5	7	6,4	12		23					84	7	290	230
EL FÂSHER	•2	9	28	2	1	7	7,4,5	—	—	23					89	3	133	208
GENEINA								—	—			—		—			.	372
KADUGLI	•2	8	12	3	1	7	9	13		23		—		—	84	R	.	538
S. Sûdân																		
MALAKÂL	•1	8	12	2	1	4	4	14		23					94	1	726	601
WÂU	•2	8	••	•	6	7	6,4,5	14		22					94	8	875	834
JUBA	•2	8	16	1	1	6	4	15		22					94	1	1019	772

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

Upper winds on 15th — الرياح العليا يوم ١٠

Matrûh (13 h.)	Mariut	Port Saîd	Almâza	Minya	Luxor	Hurghâda	Wâdi Halfa (13 h. 30 m.)	Kareima	Khartûm (13 h.)	Kassala	El Obeid	Malakal	Juba (13 h.)
03 34 20							09 35 20		09 24 10				09 11 05
06 33 20							15 33 30		15 20 05				15 27 05
09 33 30							21 33 30		21 07 20				21 33 05
15 31 25							27 27 35						27 02 55
21 25 15													33 07 15
30 34 15													39 07 15
45 31 15													
60 30 15													
75 28 40													

Upper winds on 16th — الرياح العليا يوم ١٦

Matrûh (6 h.)	Mariut	Port Saîd	Helwân	Minya	Asyût	Luxor (6 h. 30 m.)	Aswân	Wâdi Halfa (7 h. 15 m.)	Abu Hamad (7 h.)	Kareima (7 h.)	Khartûm (6 h. 30 m.)
03 32 30				03 35 20		03 23 15		09 36 15	09 23 20	09 34 45	09 21 60
06 33 25				06 35 20		06 34 20		15 30 25	15 34 20	15 03 10	15 19 35
09 34 25				09 34 30		09 34 35		21 29 15		21 01 15	21 35 10
15 34 30				12 33 35		12 33 30		27 30 40		27 36 10	24 36 15
21 33 20				15 32 30		15 32 20		33 28 40		33 02 10	30 04 35
24 31 15				18 33 40		18 04 10					39 06 40
				21 33 40							51 07 50
				24 33 35							60 08 55

Kassala	Port Sûdân (7 h.)	El Obeid (7 h.)	El Fâsher	Geneina	Malakal (7 h.)
	09 29 25	09 19 20			09 14 30
	15 33 20	15 20 40			15 20 30
	18 34 25	21 21 45			21 24 10

Cyprus synoptic 8h. on 16th

34700 00890 00000 03291 50002 00190
34800 00990 28200 03311 10601 00230

Upper air temp. Almâza at 6h G.M.T. on 16th

Height (feet)	P.P.P. (m.b.)	T T	
Surface	994	77	72
500	978	73	69
1000	955	71	67
1500	941	70	66
2000	924	79	66
4000	858	71	58
6000	791	61	46
8000	738	57	37
10000	683	55	34
12000	632	47	29
14000	583	40	25
16000	539	36	26

Remarks

Hours are Egyptian standard time, long 30° E and are two hours fast on Greenwich mean time

Mean of day

Station	Humidity % on 15th	Diff from normal	Wet bulb temp °C on 15th	Diff from normal
Alexandria	74	+1	24.5	+1.2
Ezbekîya	60	-1	23.3	+0.5
Gîza	66	+3	22.3	+1.0
Helwân	57	+6	21.2	+0.5

GÎZA — Grass minimum temp on 16th 20.4 °C

CAIRO — Water temp. river Nile at 8h. on 16th 28.5 °C

Discharges at Aswân measured by sluices m³ per sec. Date	1946	1945
16.8	10390	5636
15.8	10382	5680

Gauge readings (Date 16-8-1946)

Gauge	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	14.02	+0.27	13.72	-0.02
Nâsser	9.96	+0.16	9.96	+0.18
Malakâl	11.83	+0.05	11.80	+0.03
J. Aulia Res.			376.48	—
J. Aulia D.S			376.14	+1.19
Roseires	21.70	+2.47	20.70	+1.50
Sennar Res.	17.20	—	17.19	—
Khartûm	16.62	+1.28	16.51	+1.22
Kh. el Girba	15.40	+1.06	15.84	+1.50
'Atbara	16.02	+1.28	15.78	+1.08
Kajnarti	143.20	+2.65	142.94	+2.54
Aswân Res.	100.97	—	101.10	—
Aswân D.S	92.80	+1.60	92.80	+1.70
Roda (Cairo)	19.28	+1.90	19.06	+1.82

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 .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
- 600 ,, 2
- 1 Kilometre 3
- 2 ,, 4
- 4 ,, 5
- 10 ,, 6
- 20 ,, 7
- 50 ,, 8
- Visible over 50 kms. 9

Cloud amount (N)

- Clear 0
- Trace 1
- 1 Tenth 2
- 2, 3 Tenths 3
- 4, 5, 6 Tenths 4
- 7, 8 Tenths 5
- 9 Tenths 6
- Over 9 Tenths 7
- Overcast 8
- Fog or Dust 9

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.

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

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Sunset 18 35

Month August 1946

DAILY WEATHER REPORT

شهر اغسطس ١٩٤٦

At 14h. on Friday 16th — الساعة ١٤ يوم الجمعة ١٦ — At 20h. on

STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	°C Temp TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	°C Temp TTT	% Humidity UU	Rain 14-20h mms	Station Number
Mediterranean																							
SALÛM																							130
MATRÛH												00	8	30	3	0	0	–	6.7	27.2	79	0	13
MARIUT	00	7	27	4	0	0	–	6	30	66	0	00	7	29	3	0	1	6	6	26	84	0	150
ALEXANDRIA	00	9	30	4	0	0	–	6.6	30.2	64	0	00	6	28	2	0	0	–	6.3	27.0	69	0	132
DAMIETTA	00	8	30	3	1	2	8	5.0	30.4	66	0	00	6	28	2	1	2	8	5.0	26.4	95	0	159
PORT SAÎD	00	8	30	2	0	3	5	6.1	32.3	64	0	00	8	30	4	0	0	–	5.0	27.2	81	0	134
EL ARÎSH	00	9	28	3	0	0	–	5.1	30.5		0	01	9	28	3	1	4	3	3.8	27.8	88	0	135
Lower Egypt																							
DAMANHÛR	00	7	32	3	0	0	–	5.9	31.6	52	0	00	7	32	3	0	0	–	5.9	25.8	82	0	136
MANSÛRA	01	8	32	2	1	4	8	6.1	34.4	45	0	00	6	28	2	1	0	–	6.8	26.8	83	0	137
TANTA	00	8	28	2	1	0	0	6.2	34.4	43	0	00	8	24	1	0	0	–	6.6	26.0	78	0	138
ZAGAZIG	01	6	24	2	1	5	8	—	35.0	42	0	00	6	24	2	0	0	–	7.1	28.0	70	0	139
SHEBÎN EL KÔM	00	8	02	2	0	0	–	5.0	34.9	43	0	00	7	30	2	0	0	–	6.0	27.9	72	0	—
Middle Egypt																							
ALMAZA	00	8	28	2	0	1	8	4.6	34.7	38	0	00	7	32	2	0	0	–	5.1	29.3	57	0	14
EZBEKÎYA	00	8	29	2	0	1	8	5.8	34.8	31	0	00	7	28	2	0	0	0	6.2	28.9	57	0	—
GÎZA	00	8	30	2	0	2	8	5.6	34.7	28	0	00	8	30	1	0	0	–	5.8	28.2	57	0	—
HELWÂN	00	8	30	3	0	1	8	5.0	34.6	25	0	00	7	32	3	0	0	–	5.3	30.1	44	0	143
SUEZ	00	9	02	1	0	0	–	4.4	34.9	32	0	00	9	02	2	0	0	–	6.1	32.2	53	0	144
Upper Egypt																							
FAIYÛM	01	8	30	2	1	3	8	4.8	35.0	36	0	00	8	32	2	0	0	–	5.1	30.3	35	0	153
MINYA	00	9	32	3	0	0	–	4.6	36.8	15	0	00	8	32	2	0	0	–	4.3	31.9	29	0	154
ASYÛT	00	8	28	2	0	0	–	5.6	36.5	14	0	00	6	28	1	0	0	–	6.4	31.2	31	0	155
NAG HAMÂDI	00	8	00	0	0	0	–	4.7	36.8	28	0	00	8	00	0	0	0	–	4.7	28.8	40	0	164
QENA	0'0	9	22	2	0	0	–	2.4	39.6	16	0	00	6	22	2	0	0	–	2.1	32.	37	0	156
LUXOR												00	6	28	3	0	0	–	4.3	34.0	13	0	157
ASWÂN	00	9	32	3	0	0	–	3.0	40.0	12	0	00	9	32	2	0	0	–	3.6	36.0	13	0	158
Western Desert																							
SÎWA	00	8	00	0	0	0	–	9.1	38.0	44	0	00	–	00	0	0	0	–	7.5	34.0	56	0	148
BAHARÎYA	00	9	00	0	0	0	–	—	36.0	33	0	00	–	00	0	0	0	–	—	27.3	55	0	149
KHÂRGA	00	9	24	1	0	0	–	5.4	38.0	22	0	00	9	04	1	0	0	–	5.2	35.3?	27	0	151
DÂKHLA	00	9	28	1	0	0	–	5.6	38.0	19	0	00	7	28	2	0	0	–	6.7	29.0	26	0	152
Red Sea																							
TÔR	10	7	28	4	0	0	–	2.3?	35.1	61	0	00	7	28	3	0	0	–	1.6?	33.2	66	0	145
HURGHÂDA	00	8	02	4	0	0	–	–	34.8	41	0	00	8	28	1	0	0	–	–	33.4	40	0	146
QUSEIR	00	8	00	0	0	0	–	3.1	34.3	57	0	00	8	32	2	0	0	–	3.6	32.0	47	0	147
PORT SÛDÂN	01	7	24	3	1	3	8	2	43	29													168
North Sûdân																							
WÂDI HALFA	00	8	28	4	0	0	–	2.	41	11													165
KAREIMA	01	8	24	3	1	4	8	4	40	21													166
ATBARA	02	8	20	3	1	8	8,2	5	36	35													167
KHARTÛM	02	8	20	4	2	6	8,4	6	34	36													169
KASSALA	02	8	18	2	1	6	8,4	8	29	62													170
Central Sûdân																							
WAD MEDANI	02	8	18	5	1	5	8	7	32	43													171
RENK	01	9	18	3	1	4	8	—	29	66													182
ROSEIRES	02	8	16	3	2	6	5		27	70													172
EL OBEID	01	9	18	4	1	5	8,4	7	29	52													174
EL FÂSHER	02	9	20	2	1	5	8,4,6	—	30	55													175
GENEINA	02	8	18	2	1	5	6,4	—	27	70													179
KADUGLI	02	7	20	3	1	7	9	+10	28	62													187
S. Sûdân																							
MALAKAL	62	8	14	2	6	8	9,5	11	24	94													176
WÂU	02	8	00	0	2	6	8,4,5	10	24	74													177
JUBA	02	8	30	1	1	6	9,4	10	29	66													178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

UPPER WINDS ON 16th — الرياح العليا يوم ١٦

MATRÛH	MARIUT	PORT SAÎD 12h 30m	ALMÂZA	MINYA 12h 48m	LUXOR	HURGHÂDA	WÂDI HALFA 13h 15m	KAREIMA 12h 30m	KHARTÛM 13h	KASSALA	EL OBEID 12h 30m	MALAKAL	JUBA 12h 20m
03 32 25		03 31 15		03 35 20			09 32 10	09 32 20	09 31 15		09 22 35		09 05 05
06 32 35		06 26 25		06 34 20			15 32 10	15 31 20	15 31 35		15 22 30		15 06 10
09 31 40		09 29 15		09 35 15			21 32 10	21 31 25	21 32 15		21 15 15		21 06 20
15 31 35		15 31 05		15 31 15			27 04 05	27 28 15	24 36 15		27 15 19		27 03 15
21 32 25		21 29 15		21 29 —			33 12 05	30 28 15	27 04 20		30 13 30		33 28 20
30 35 25									30 04 20				39 26 10
45 34 25									36 12 —				

Remarks

Hours are Egyptian standard time, long. 30°E and are two hours fast on Greenwich mean time.

STATION	Mean of day Humidity % on 16th	Diff. from normal	Wet Bulb Temp. °C on 16th	Diff. from normal
Alexandria	69	−11	24.1	+0.8
Ezbekîya	59	−2	22.8	0.0
Gîza	59	−4	22.4	+0.1
Helwân	57	+6	21.5	+0.8

GÎZA — Grass minimum temp. on 17th 18.8°C

CAIRO — Water temp. River Nile at 9h. on 17th 28.4°C

Discharges at Aswân measured by sluices m³ per sec. Date	1946	1945
17 – 8	10775	5532
16 – 8	10280	5136

GAUGE	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	17th			14.02	+0.27
Nâsser				9.96	+0.16
Malakâl		11.89	+0.10	11.83	+0.05
J. Aulia Res.					
J. Aulia D.S.					
Roseires		21.00	+1.75	21.20	+2.47
Sennar Res.				12.20	
Khartûm		16.66	+1.29	16.62	+1.28
Kh. el Girba				15.40	+1.06
Atbara		16.02	+1.25	16.02	+1.28
Kajnarti		142.39	+1.24	142.20	+2.60
Aswân Res.		101.31		100.97	
Aswân D.S.		92.90	+1.60	92.80	+1.60
Roda (Cairo)		19.49	+2.96	19.28	+2.9[illegible]

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on Saturday 17th — الساعة ٨ يوم السبت ١٧

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm °C	Min. Today °C mm	Min. Diff. from norm °C	% Humidity	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Mediterranean																		
SALÛM												—		—				99
MATRÛH	00	9	30	2	0	0	–	7.8	−3.0	28.0	30	+2	21	−1	77	0	101	161
MARIUT	00	7	28	2	0	0	–	6	—	28	30	—	25	—	70	0	187	138
ALEXANDRIA	00	9	32	2	0	0	–	7.1	−3.3	28.0	31	+1	25	+2	67	0	170	186
DAMIETTA	00	7	20	1	1	2	8	5.9	−3.4	27.6	32	—	22	—	83	0	81	106
PORT SAÎD	02	8	24	2	2	5	6	5.9	−2.9	26.7	34	+2	26	+1	83	0	71	81
EL ARÎSH	01	9	20	1	0	4	3	7.0	−2.3	29.3	32	+1	22	+1	76	0	—	94
Lower Egypt																		
DAMANHÛR	00	7	28	2	0	0	–	6.3	−2.6	27.2	33	0	21	+1	75	0	92	101
MANSÛRA	01	8	12	1	1	3	0	6.4	−3.2	27.0	36	+1	21	0	77	0	66	55
TANTA	00	8	28	1	0	0	–	6.7	−3.5	27.0	35	0	20	0	77	0	107	44
ZAGAZIG	02	6	28	1	2	5	8	6.3	−4.1	28.2	35	0	22	+2	75	0	24	27
SHEBÎN EL KÔM	00	8	22	1	0	0	–	6.3	−3.8	28.2	37	—	21	—	68	0	36	
Middle Egypt																		
CAIRO ALMAZA	05	6	32	1	2	3	8	7.0	−3.0	26.2	37	—	23	—	77	0	10	—
CAIRO EZBEKÎYA	05	7	24	1	2	4	6	7.1	−2.9	27.6	37	+2	24	+2	70	0	22	26
CAIRO GÎZA	05	6	30	1	1	3	8	7.4	−2.5	26.3	36	+2	21	+1	76	0	41	27
HELWÂN	09	6	32	1	0	2	6	7.0	−2.9	24.8	36	+1	22	+1	77	0	20	29
SUEZ	00	9	32	2	0	0	–	7.4	−1.6	26.8	37	+1	24	+1	72	0	—	17
Upper Egypt																		
FAIYÛM	00	8	32	2	0	0	–	6.7	−3.3	26.2	37	+1	22	+1	73	0	13	8
MINYA	01	8	30	2	1	3	8	6.6	−2.7	25.4	38	+2	22	+1	58	0	dr	—
ASYÛT	00	7	20	1	0	0	–	7.0	−1.9	27.1	38	+2	22	+1	52	0	0	4
NAG HAMÂDI	00	8	00	0	0	0	–	6.2	−1.7	28.6	37	—	20	—	52	0	1	—
QENA	00	8	26	2	0	0	–	6.6	−0.9	30.0	41	+1	24	0	42	0	13	—
LUXOR																	0	
ASWÂN	00	9	00	0	0	0	–	5.9	−1.6	32.0	41	0	26	0	33	0	dr	—
Western Desert																		
SÎWA	02	7	00	0	1	7	4	11.5	−0.7	25.0	40	+2	20	0	87	0	5	8
BAHARÎYA	00	9	00	0	0	0	–	—	—	29.0	38	+2	21	+1	52	0	0	7
KHÂRGA	00	9	08	1	0	0	–	7.4	−1.3	32.0	40	+1	21	−2	37	0	1	—
DÂKHLA	00	8	24	1	0	0	–	7.8	−1.8	29.0	39	0	24	+1	27	0	0	—
Red Sea																		
TÔR	00	7	28	3	0	0	–	7.0	+0.4	30.9	35	+1	27	+3	58	0	0	13
HURGHÂDA	00	8	30	2	0	0	–	—	—	31.3	36	+1	24	−1	42	0	1	3
QUSEIR	00	8	32	2	0	0	–	3.9	−2.7	31.2	36	+2	27	0	49	0	11	4
PORT SÛDÂN	01	8	24	4	0	4	1	5		36					44	0	62	103
North Sûdân																		
WÂDI HALFA	02	8	00	0	1	5	2	6		34					25	0	tr	—
KAREIMA	01	8	20	2	0	4	1	7		31					41	0	19	18
ATBARA	01	8	18	3	1	5	4	9		28					—	8	20	45
KHARTÛM	01	8	14	4	2	4	4	9		28					66	0	138	108
KASSALA	61	8	16	3	6	6	6,4,5	4		25					70	0	316	214
Central Sûdân																		
WAD MEDANI	02	9	18	5	8	5	1	10		26					70		326	276
RENK	01	9	16	3	2	4	4	—		24		—		—	84	—	—	364
ROSEIRES	02	8	11	1	5	7	7,5	15?		24					89	1	472	546
EL OBEID	02	9	16	4	1	7	5	10		25					79	0	290	234
EL FÂSHER								—	—									213
GENEINA												—		—				380
KADUGLI	02	8	12	2	1	7	4	13		23		—		—	94	—		543
S. Sûdân																		
MALAKÂL	02	9	12	1	6	6	4	13		24					89	7	733	607
WÂU	61	7	00	0	6	8	9	12		22					94	1	876	841
JUBA	61	8	14	1	6	8	9	15		21					94	tr	1019	797

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 17th — الرياح العليا يوم ١٧

MATRÛH 6h 45m	MARIUT 6h 15m	PORT SAÎD	HELWÂN 9h 26m	MINYA	ASYÛT 7h	LUXOR	ASWÂN	WÂDI HALFA 7h 15m	ABU HAMAD 7h 30m	KAREIMA 6h 30m	KHARTÛM 6h 30m
03 33 25	03 30 15		02 31 10		03 30 15			09 04 20	09 25 25	09 24 55	09 22 50
06 33 15	06 31 15		05 36 10		05 34 25			15 29 05	15 03 05	15 28 50	15 21 30
09 30 10	09 34 15		10 06 15		10 34 30			21 27 15		21 34 60	21 34 10
12 30 05	15 35 15		15 06 35					27 29 40		27 04 10	24 36 20
15 30 05	21 33 15		20 05 35					33 22 10			30 05 25
18 31 10	30 33 25		25 03 45								39 07 30
21 33 05	39 33 30		30 01 30								
24 34 05											
30 33 05											

KASSALA	PORT SÛDÂN 7h	EL OBEID 7h 30m	EL FÂSHER	GENEINA	MALAKAL 7h 15m
	09 27 30	09 21 25			09 22 20
	15 29 15	15 20 10			15 19 20
	21 28 25	21 10 25			21 21 20
		27 21 20			27 21 15
		33 08 25			30 21 15

UPPER AIR TEMP. ALMÂZA AT 6½ G.M.T. ON 17th

HEIGHT feet	PPP m.b.	TT	
Surface	998	27	23
500	980	23	69
1000	962	21	68
1500	945	69	65
2000	928	26	57
4000	862	20	52
6000	800	60	44
8000	741	59	38
10000	686	52	32
12000	635	46	28
14000	586	42	24
16000	541	33	24

CYPRUS SYNOPTIC 8h. ON 17th

30700 00890 30200 03311 20007 00180
30800 00701 28301 00300 20201 00220

ANNUAL SUBSCRIPTION P.T. 150

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	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	49
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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

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.

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

Time of Sunrise 05 33
Sunset 18 34

Month AUGUST 1946 — DAILY WEATHER REPORT — شهر أغسطس ١٩٤٦

At 14h. on SATURDAY 17th — الساعة ١٤ يوم السبت ١٧ / At 20h. on 17th — الساعة ٢٠ يوم السبت ١٧

STATION	14h Present Weather ww	Visibility	Wind Dir. DD	Force F	Past Weather W	Cloud Amount N	Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 mms	20h Present Weather ww	Visibility	Wind Dir. DD	Force F	Past Weather W	Cloud Amount N	Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20 mms	Station Number
Salûm																							130
Matrûh	00	9	30	3	0	0	—	7.6	29.0	74	0	00	8	02	1	0	0	—	7.5	27.2	78	0	131
Mariut	00	7	28	3	0	0	—	7	30	66	0	00	7	31	2	0	1	6	7	26	79	0	150
Alexandria	00	9	30	2	0	0	—	7.0	30.2	58	0	01	6	32	2	1	3	6	7.2	26.0	76	0	132
Damietta	00	8	28	4	1	0	—	5.8	29.2	63	0	00	7	28	1	0	0	—	6.3	26.0	82	0	159
Port Saîd	00	8	30	2	0	0	—	5.9	32.0	65	0	00	8	30	4	0	0	—	6.6	26.7	81	0	134
El Arîsh																							135
Damanhûr	00	7	28	3	0	0	—	6.4	32	56	0												136
Mansûra	00	8	02	1	1	0	—	5.9	35.0	42	0												137
Tanta	00	8	24	2	0	0	—	6.0	35.0	42	0	00	8	28	1	0	0	—	7.9	25.4	80	0	138
Zagazig	00	6	24	2	0	0	—	5.9	35.0	42	0	00	6	32	2	0	0	—	7.4	29.0	64	0	139
Shebîn el Kôm	00	8	30	2	0	0	—	6.5	35.3	42	0	00	7	30	2	0	0	—	6.8	26.7	62	0	
Almaza	00	8	30	2	0	0	—	5.4	35.0	29	0	00	7	02	3	0	0	—	6.3	30.7	52	0	141
Ezbekiya	00	8	28	2	0	0	—	6.2	35.2	23	0	00	7	30	1	0	0	—	6.7	30.3	40	0	
Gîza	00	8	32	1	0	0	—		36.0	30	0	00	8	32	2	0	0	—	7.0	29.5	51	0	
Helwân	00	8	28	4	0	0	—	5.3	34.8	20	0	00	7	32	3	0	0	—	5.6	31.9	29	0	143
Suez	00	9	30	1	0	0	—	6.2	35.2	29	0	00	9	02	3	0	0	—	5.6	30.8	38	0	144
Faiyûm	00	8	02	1	0	0	—	5.4	36.4	24	0	00	8	02	2	0	0	—	5.4	30.0	35	0	153
Minya	00	9	32	3	0	0	—	5.1	35.5	26	0	00	8	30	1	0	0	—	5.5	29.2	43?	0	154
Asyût	00	8	20	2	0	0	—	5.8	35.1	21	0	00	6	30	1	0	0	—	6.0?	30.0	36	0	155
Nag Hamâdi	00	8	00	0	0	0	—	5.0	35.4	18	0	00	8	00	0	0	0	—	4.8	28.0	45	0	164
Qena	00	9	24	2	0	0	—	3.5	39.0	20	0	00	6	22	2	0	0	—	3.5	31.3	40	0	156
Luxor	00	7	30	2	0	0	—	6.8	39.0	16	0	00	6	28	3	0	0	—	4.6	33.0	16	0	157
Aswân	00	9	24	2	0	0	—	4.0	38.7	14	0	00	9	32	1	0	0	—	4.0	35.4	15	0	158
Sîwa	00	8	00	0	0	0	—	7.9	35.6	57	0	00	—	00	0	0	0	—	7.2	32.2	51	0	148
Baharîya												30	—	32	1	0	0	—	—	28.0	57	0	149
Khârga	00	9	32	1	0	0	—	5.3	37.4	27	0	00	9	32	1	0	0	—	6.4	33.5	33	0	151
Dâkhla	00	9	24	1	0	0	—	5.5	38.3	18	0	00	7	28	2	0	0	—	8.2	28.8	27	0	152
Tôr	00	7	28	4	0	0	—	4.3	32.8	63	0	00	7	28	3	0	0	—	—	32.5	68	0	145
Hurghâda	00	8	04	1	0	0	—	—	33.3	46	0	00	8	00	0	0	0	—	—	31.9	43	0	146
Quseir	00	8	32	1	0	0	—	3.6	35.0	58	0	00	8	02	1	0	0	—	4.2	31.6	54	0	147
Port Sûdân	01	8	20	2	1	4	8	3	42	30													288
Wâdi Halfa	00	8	02	3	1	3	1	3	40	08													165
Kareima	01	7	20	3	1	4	8,4	4	40	21													166
Atbara	01	8	18	3	1	4	8	4	37	33													167
Khartûm	01	8	14	4	1	4	9,4	6	35	39													169
Kassala	02	8	16	3	6	6	6,4	10	28	66													170
Wad Medani	02	8	16	3	1	8	8	8	33	47													171
Renk	01	9	18	3	1	5	8	—	30	49													182
Roseires	01	8	16	1	1	5	8	—	28	70													172
El Obeid	02	9	14	4	1	7	8,4	7	31	52													174
El Fâsher																							175
Geneina																							179
Kadugli	02	8	12	4	1	5	9	—	28	66													187
Malakâl	01	8	16	4	1	4	9	9	29	70													176
Wâu	02	8	10	1	6	6	8,4	8	28	—													177
Juba	02	8	16	3	5	5	8,4	11	26	70													178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 17th — ١٧ يوم الرياح العليا

MATRÛH	MARIUT	PORT SAÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
13h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13h. 45m.	13h. m.	13h. m.	13h. m.	12h. 30m.	13h. m.	13h. m.
03 33 15							09 36 20	09 27 20	09 21 25	09 22 20	09 19 20	09 21 30	09 21 20
06 32 15							15 30 15	15 29 25	15 22 25	15 19 20	15 18 10	15 21 30	15 24 20
09 32 10							21 31 30	21 30 25	21 31 15	21 19 30	21 17 05	21 20 30	21 19 20
15 35 15							27 30 35		24 02 15	27 18 30		27 21 30	27 18 20
21 31 15							33 28 45		30 06 20	33 12 45		33 21 25	33 22 20
27 32 15							39 25 25		39 15 —	39 11 30			39 21 15
30 33 15													
45 36 05													

Remarks

Hours are Egyptian standard time (long 30 E) and are two hours fast on Greenwich mean time.

STATION	Mean of day Humidity % on 17th	Diff. from normal	Wet bulb temp. on 17th	Diff. from normal
Alexandria	69	-4	23.6	+0.4
Ezbekiya	50	-11	22.9	+0.1
Giza	59	-4	22.7	+0.4
Helwan	50	-1	20.6	-0.1

Giza — Grass minimum temp. on 18th 17.5°

Cairo — Water temp. River Nile on 18th 28.1 °C

Discharges at Aswân measured by sluices m³ per sec			
	18-8	10891	5712
	17-8	10775	5532

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	18			13.84	+ 0.09
Nâsser				9.98	+ 0.17
Malakâl		11.93	+ 0.12	11.89	+ 0.10
J. Aulia Res.				376.61	—
J. Aulia D.S.				376.30	+ 1.28
Roseires		21.30	+ 2.04	21.00	+ 1.75
Sennar Res.				17.17	—
Khartûm		16.64	+ 1.24	16.66	+ 1.29
Khashm el Girba				15.90	+ 1.55
Atbara		16.08	+ 1.25	16.02	+ 1.25
Kajnarti				143.39	+ 2.74
Aswân Res.	18	102.00	—	101.31	—
Aswân D.S.		93.00	+ 1.62	92.90	+ 1.60
Roda (Cairo)		19.60	+ 1.97	19.44	+ 1.96

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on SUNDAY 18th — الساعة ٨ يوم الأحد ١٨

Region	STATION	Present Weather ww	Visibility	Wind Dir. DD	Force F	Past Weather W	Cloud Amount N	Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Diff. from norm.	Min. Today °C	Diff. from norm.	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Mediterranean	Salûm												—		—				99
	Matrûh	00	8	32	3	0	0	—	8.8	-2.1	29.0	30	+2	22	0	68	0	101	161
	Mariut	01	7	00	0	1	4	6	8	—	27	31	—	23	—	79	0	187	138
	Alexandria	02	8	28	2	2	5	4	7.8	-2.7	26.4	31	+1	24	+1	75	0	170	186
	Dam'etta	01	7	20	2	2	3	8	7.2	-2.2	27.0	31	—	22	—	79	0	81	106
	Port Saîd	01	8	30	2	1	4	4	7.0	-1.9	27.8	33	+1	24	0	76	0	71	81
	El Arîsh	01	9	14	1	1	3	3	7.2	-2.2	29.0	31	0	21	0	75	0	—	94
Lower Egypt	Damanhûr	01	6	28	2	1	4	8	7.2	-2.8	26.0	33	0	21	+1	82	0	92	101
	Mansûra	00	8	30	1	0	0	—	7.4	-2.3	27.0	36	+1	21	0	73	0	66	55
	Tanta	00	8	24	1	0	0	—	7.9	-2.3	27.0	35	0	20	+1	77	0	107	44
	Zagazig	00	6	20	2	0	0	—	7.5	-3.0	25.8	35	0	21	+1	79	0	24	27
	Shebîn el Kôm	00	8	30	2	0	0	—	7.2	-3.0	27.9	37	—	22		68	0	36	—
Middle Egypt (Cairo)	Almaza	05	6	00	0	2	5	6	7.6	-2.5	23.2	37	—	22	—	73	0	10	—
	Ezbekîya											36	+1	23	+1			22	26
	Gîza	09	6	32	1	2	5	6	7.9	-2.1	24.8	37	+3	20	0	80	0	41	27
	Helwan	09	6	28	2	0	0	—	7.5	-2.5	23.9	36	+1	20	-1	78	0	20	29
	Suez	00	9	02	2	0	0	—	7.6	-1.5	29.8	38	+2	22	-1	62	0	—	17
Upper Egypt	Faiyûm	00	8	32	2	0	0	—	7.2	-2.9	27.0	37	+1	22	+1	68	0	13	8
	Minya	00	9	32	2	0	0	—	7.4	-2.0	28.3	36	0	21	0	33	0	dr	—
	Asyût	00	7	22	1	0	0	—	7.2	-1.8	28.0	36	0	22	-1	44	0	0	4
	Nag Hamâdi	00	8	00	0	0	0	—	6.8	-1.2	28.7	36	—	18	—	50	0	1	—
	Qena	00	8	30	2	0	0	—	6.2	-1.4	32.0	40	0	24	0	33	0	13	—
	Luxor	00	7	28	1	0	0	—	6.0	-1.4	33.0	40	∓	22	∓	16	0	0	—
	Aswân	00	9	00	0	0	0	—	6.4	-1.2	31.5	40	-1	26	0	32	0	dr	—
Western Desert	Sîwa	00	7	00	0	0	0	—	9.2	-3.0	28.0	38	0	18	-2	66	0	5	8
	Baharîya	00	9	00	0	0	0	—	—	—	31.0	39	+3	19	-1	59	0	0	7
	Khârga	00	9	32	1	0	0	—	7.3	-1.5	35.2	40	+1	20	-3	19	0	L	—
	Dâkhla	00	8	28	1	0	0	—	8.0	-1.7	28.5	40	+1	21	-2	27	0	0	—
Red Sea	Tôr	00	7	04	1	0	0	—	5.4	-1.3	30.5	33	-1	21	-3	59	0	0	13
	Hurghâda	00	8	30	3	0	0	—	—	—	30.7	36	+1	25	0	43	0	1	3
	Quseir	00	8	32	1	0	0	—	4.7	-2.0	32.0	37	+3	26	-1	38	0	11	4
	Port Sûdân	00	8	20	4	0	2	3	5		36					50	0	62	104
North Sûdân	Wâdi Halfa	00	8	00	0	1	3	2	6		29					31	0	tr	—
	Kareima	01	8	20	2	1	5	4,1	7		30					55	0	19	19
	Atbara	01	8	20	3	1	4	1	7		28					66	0	80	47
	Khartûm	00	8	16	3	1	1	1	9		28					66	0	138	110
	Kassala	00	8	16	3	1	3	6,4	10		25					79	tr	316	218
Central Sûdân	Wad Medani	00	9	18	5	0	2	3	10		26					70	1	327	281
	Renk	01	9	20	3	2	5	4	11?		24		—		—	74	—	—	368
	Roseires	01	8	16	2	1	4	4	14		24					84	0	472	553
	El Obeid	51	9	18	3	8	8	9,4	11		25					79	1	291	238
	El Fâsher	03	9	04	4	8	8	6	—	—	21					94	27	160	217
	Geneina	01	8	04	3	8	4	6	—	—	21		—		—	94		R	388
	Kadugli	02	8	20	2	1	7	9	13		23		—		—	84	—	—	548
S. Sûdân	Malakâl	02	8	18	2	1	5	6,4	12		25					89	0	733	613
	Wâu	02	8	16	2	1	6	6,4	12		23					84	7	883	848
	Juba	01	8	12	2	1	4	4	13		23					84	1	1020	801

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 18th — الرياح العليا يوم ١٨

MATRÛH	MARIUT	PORT SAÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
6h. 30m.	8h. m.	h. m.	8h. 30m.	h. m.	7h. m.	h. m.	h. m.	7h. m.	7h. 30m.	h. m.	7h. m.
03 34 20	03 28 05		03 35 10		03 31 10			09 22 25	09 25 35		09 22 25
06 35 20	12 17 05		05 33 15		05 06 05			15 25 20	15 28 15		15 21 30
09 03 15			08 30 16		10 36 10			21 07 05	21 32 20		18 19 20
15 07 20			10 31 10		15 36 10			27 28 05	27 34 10		
21 07 20			15 08 05		20 35 10						
30 05 15			20 05 05								
45 01 15			23 29 10								
48 01 15			30 36 10								
			35 07 05								

KASSALA	PORT SÛDÂN	EL OBEID	EL FASHER	GENEINA	MALAKAL
6h. 45m.	7h. m.	h. m.	h. m.	7h. m.	h. m.
09 19 35	09 37 15			09 08 30	
15 22 40	15 30 35			15 08 40	
21 22 35				21 08 40	
27 22 35				24 08 30	

CYPRUS SYNOPTIC 8h. ON 18th

34800 00990 20200 05311 20400 00230
34700 00990 10300 05302 30004 00200

UPPER AIR TEMP. ALMÂZA AT 7h G.M.T. ON 18th

HEIGHT feet	P.P.P. m.b.	TT °F	
Surface	998	73	72
500	983	70	67
1000	962	76	58
1500	945	80	57
2000	928	78	56
4000	862	69	48
6000	800	59	42
8000	741	58	36
10000	686	51	31
12000	635	44	26
14000	586	38	27
16000	541	32	25

WIND FORCE (F)

	M.P.H.	Force
Calm	0-1	0
Almost calm	2-6	
Very light	7-12	
Light	8-13	
Moderate	14-26	
Fresh	27-35	
Strong		
Very strong		
Gale		
Strong gale		

WIND DIRECTION ... 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

ANNUAL SUBSCRIPTION P.T. 150

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	08
Distant Fog	09
Rain	
Thunder	
Distant Duststorm	
Squally	
Slight Duststorm	
Rain	
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick	
Fog in patches	
Drizzle	50
Rain	60-69
Rain and Fog	
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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	
Cirro-stratus	
Cirro-cumulus	
Alto-cumulus	
Stratus	9

DAILY WEATHER REPORT

Sunset h. m. 18 33 — Month *August* 1946 — شهر اغسطس ١٩٤٦

At 14h. on 18th (الساعة ١٤ يوم ١٨) / At 20h. on Sunday 18th (الساعة ٢٠ يوم الأحد ١٨)

Station	14h Present Weather ww	Visibility V	Wind Dir. dd	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp °C TTT	% Humidity UU	Rain 8-14 mms	20h Present Weather ww	Visibility V	Wind Dir. dd	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp °C TTT	% Humidity UU	Rain 14-20 mms	Station Number
MEDITERRANEAN																							
SALUM																							130
MATRUH	00	9	32	3	0	0	—	8.4	29.3	62	0	00	8	02	1	0	0	—	8.8	26.7	80	0	131
MARIUT	00	7	27	3	0	1	6	7	30	70	0	00	7	32	2	0	0	—	8	26	89	0	150
ALEXANDRIA	01	9	21	3	2	4	4	7.6	30.0	65	0	00	6	00	0	0	0	—	8.3	26.0	84	0	132
DAMIETTA	00	8	30	2	1	2	8	7.0	31.2	55	0	00	7	28	1	1	0	—	7.1	26.2	90	0	159
PORT SAID	00	8	30	2	0	0	—	7.1	31.6	61	0	00	8	30	2	0	0	—	7.4	26.7	80	0	134
EL ARISH	00	9	30	3	0	0	—	6.8	30.1	79	0	00	9	04	1	0	0	—	7.2	27.8	83	0	135
LOWER EGYPT																							
DAMANHUR	00	7	24	4	1	3	8	7.2	33.6	53	0	00	6	24	2	0	0	—	7.6	26.2	82	0	136
MANSURA	01	8	32	1	1	3	8	6.7	35.0	37	0	00	6	02	2	1	0	—	7.2	27.2	75	0	137
TANTA	00	8	28	1	0	0	—	7.0	35.0	37	0	00	8	32	1	0	0	—	7.1	26.4	73	0	138
ZAGAZIG	00	6	32	2	0	0	—	7.4	34.0	40	0	00	6	02	4	0	0	—	7.5	28.0	70	0	139
SHEBIN EL KOM	00	8	28	2	0	0	—	7.4	36.7	28	0	00	7	28	2	0	0	—	6.6	29.8	64	0	—
MIDDLE EGYPT																							
CAIRO ALMAZA	00	8	30	2	0	0	—	6.4	35.1	14	0	00	7	06	1	0	0	—	6.6	32.2	22	0	141
CAIRO EZBEKIYA												00	6	00	0	0	0	—	7.2	28.9	38	0	—
CAIRO GIZA	00	8	30	2	0	0	—	7.0	35.8	20	0	00	7	00	0	0	0	—	7.1	30.3	37	0	—
HELWAN	00	8	00	0	0	0	—	6.2	36.0	13	0	00	7	32	3	0	0	—	6.4	30.0	14	0	143
SUEZ	00	9	02	2	0	0	—	6.2	34.8	31	0	00	9	32	1	0	0	—	8.5	30.2	43	0	144
UPPER EGYPT																							
FAIYUM	00	8	30	3	0	0	—	6.3	35.6	25	0	00	8	02	1	0	0	—	6.2	30.6	46	0	153
MINYA	00	9	04	3	0	0	—	5.8	36.3	25	0	00	8	30	1	0	0	—	6.3	28.6	38	0	154
ASYUT	10	8	22	2	0	0	—	6.2	36.8	19	0	00	6	26	1	0	0	—	7.1	28.2	50	0	155
NAG HAMADI	00	8	00	0	0	0	—	5.4	37.8	20	0	00	8	00	0	0	0	—	6.0	29.2	40	0	164
QENA	00	9	24	1	0	0	—	4.3	41.0	21	0	00	6	22	2	0	0	—	4.6	33.4	33	0	156
LUXOR												00	6	28	2	0	0	—	5.8	31.0	22	0	157
ASWAN	00	9	28	2	0	0	—	4.2	39.8	12	0	00	9	00	0	0	0	—	5.4	36.0	14	0	158
WESTERN DESERT																							
SIWA	00	8	28	2	0	0	—	7.0	37.6	17	0	00		00	0	0	0	—	8.0	31.8	52	0	148
BAHARIYA	00	9	32	1	0	0	—		35.5	35	0	00		00	0	0	0	—		28.0	57	0	149
KHARGA	00	9	32	1	0	0	—	6.3	37.2	22	0	00	9	32	1	0	0	—	7.9			0	151
DAKHLA	00	9	28	1	0	0	—	6.1	38.0	19	0	00	7	34	2	0	0	—	8.2	27.0	26	0	152
RED SEA																							
TOR												00	7	28	3	0	0	—	4.6	32.1	69	0	145
HURGHADA	00	8	06	2	0	0	—		33.4	47	0	00	8	00	0	0	0	—		31.8	49	0	146
QUSEIR	00	8	04	1	0	0	—	5.1	34.4	57	0	00	8	06	1	0	0	—	4.7	32.0	51	0	147
PORT SUDAN	01	8	10	4	0	2	8.4	3	38	37													169
NORTH SUDAN																							
WADI HALFA	00	8	26	2	0	0	—	4	41	07													165
KAREIMA	00	8	24	3	1	0	—	5.	39	26													166
ATBARA	01	8	20	3	1	4	8	4	38	29													167
KHARTUM	01	8	20	3	1	4	8	6	35	39													168
KASSALA	02	8	18	2	1	5	8.4	8	30	66													170
CENTRAL SUDAN																							
WAD MEDANI	02	8	20	5	0	5	8	8	33	41													171
RENK	01	9	18	3	1	4	8		30	55													182
ROSEIRES	02	8	30	2	1	6	8	11	30	59													172
EL OBEID	02	8	18	4	1	7	8.4	7	29	52													174
EL FASHER	02	9	20	2	1	7	6.4		23	78													175
GENEINA	02	8	04	3	1	6	8.4		28	58													179
KADUGLI	02	8	12	2	6	5	9	10	27	74													187
S. SUDAN																							
MALAKAL	10	8	24	4	1	4	8.4	9	29	70													176
WAU	02	8	20	2	1	6	8.4	9	28	66													177
JUBA	01	8	28	2	1	4	8	9	30	59													178

At 8h. on Monday 19th (الساعة ٨ يوم الاثنين ١٩)

Station	Present Weather ww	Visibility V	Wind Dir. dd	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max Yesterday °C MM	Max Diff. from norm. °C	Min Today °C mm	Min Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total From Oct. 1 mms	Norm. From Oct. 1 mms
MEDITERRANEAN																		
SALUM												—		—				99
MATRUH	00	9	28	1	0	0	—	9.1	-1.9	27.3	32	+4	20	-2	77	0	101	161
MARIUT	01	7	14	1	1	4	6	8		28	30	—	20	—	79	0	187	136
ALEXANDRIA	01	9	00	0	1	4	4	8.6	-2.0	28.0	31	+1	24	+1	70	0	170	126
DAMIETTA	00	8	20	2	—	2	8	7.8	-1.7	27.5	32	—	23	—	78	0	81	106
PORT SAID	01	8	22	3	1	3	5	7.9	-1.1	27.9	32	0	24	0	77	0	71	81
EL ARISH	00	9	12	2	0	0	—	6.7	-2.8	28.4	32	+1	20	-1	74	0	—	94
LOWER EGYPT																		
DAMANHUR	01	6	28	2	1	4	8	7.9	-2.2	27.0	35	+2	22	+2	63	0	92	101
MANSURA	01	8	24	2	1	3	8	8.2	-1.6	27.0	37	+2	22	+1	80	0	66	55
TANTA	01	8	28	1	1	4	8	8.7	-1.7	25.3	36	+1	21	+2	90	0	107	44
ZAGAZIG	01	6	20	1	2	4	8	8.4	-2.2	26.9	35	0	22	+2	80	0	24	27
SHEBIN EL KOM	00	8	22	2	0	2	8	7.6	-2.7	28.0	38	—	22	—	71	0	36	
MIDDLE EGYPT																		
CAIRO ALMAZA	05	6	00	0	4	6	6	8.3	-1.9	25.0	37	—	22	—	75	0	10	—
CAIRO EZBEKIYA	07	5	28	3	4	4	8	8.7	-1.5	27.4	37	+2	23	+1	81	0	22	26
CAIRO GIZA	03	6	28	1	1	8	6	8.2	-1.9	24.9	37	+3	21	+1	84	0	41	27
HELWAN	05	6	00	0	0	0	—	8.3	-1.8	26.0	37	+2	22	+1	71	0	20	29
SUEZ	00	9	00	0	0	0	—	8.4	-0.8	29.9	37	+1	28	-1	51	0	—	17
UPPER EGYPT																		
FAIYUM	00	8	32	2	0	0	—	8.2	-1.9	27.5	38	+2	23	+2	75	0	13	6
MINYA	00	8	08	1	0	0	—	7.6	-1.9	30.2	37	+1	19	-2		0	tr	—
ASYUT	00	7	00	0	0	0	—	8.0	-1.0	30.3	37	+1	22	-1	35	0	0	4
NAG HAMADI	00	8	00	0	0	0	—	7.8	-0.3	32.2	39	—	19	—	42	0	1	—
QENA	00	8	28	2	0	0	—	8.2	+0.5	28.0	42	+2	24	0	51	0	13	—
LUXOR	00	7	28	2	0	0	—	7.1	-0.4	32.0	42	+1	22	+1	17	0	0	—
ASWAN	00	9	00	0	0	0	—	7.5	-0.1	31.4	41	0	26	0	24	0	tr	
WESTERN DESERT																		
SIWA	00	7	00	0	0	0	—	8.2	-0.1	28.7	38	0	20	0	63	0	5	8
BAHARIYA	00	9	32	1	0	0	—			31.0	38	+2	23	+3	53	0	0	7
KHARGA	00	9	08	1	0	0	—	9.0	+0.2	36.5	40	+1	21	-2	30	0	1	—
DAKHLA	00	8	28	1	0	0	—	8.4	-1.4	30.5	40	+1	22	-1	24	0	0	—
RED SEA																		
TOR	00	7	00	0	0	0	—	7.0	+0.2	31.8	38	+4	22	-2	44	0	0	13
HURGHADA	00	8	30	2	0	0	—			31.6	37	+2	23	-2	33	0	1	3
QUSEIR	00	8	28	1	0	0	—	5.4	-1.3	32.0	36	+2	27	0	36	0	4	4
PORT SUDAN	00	9	18	2	1	3	1	5		37					48		62	104
NORTH SUDAN																		
WADI HALFA	00	8	00	0	0	0	—	7		29					25	0	tr	—
KAREIMA	00	7	22	3	0	3	4	9		32					41	0	19	19
ATBARA	01	8	20	3	1	5	4	9		26					74	10	90	49
KHARTUM	02	8	18	3	2	7	4	10		26					77	9	147	113
KASSALA	01	8	18	3	1	5	6.4	13		25					74	0	316	222
CENTRAL SUDAN																		
WAD MEDANI	02	9	14	3	1	7	9	12		25					84	0	327	286
RENK	01	8	12	3	2	5	4	12		25		—		—	64	—		373
ROSEIRES	03	7	04	1	1	8	8	15?		24					94	0	472	560
EL OBEID	02	9	18	4	1	7	4	12		25					79	0	291	242
EL FASHER								—	—									222
GENEINA								—	—			—		—				396
KADUGLI	02	8	28	2	1	6	4	12		25		—		—	79	—		553
S. SUDAN																		
MALAKAL	25	8	18	1	8	6	4	13		26					84	tr	733	617
WAU	02	8	20	4	1	4	4	12		23					89	0	883	855
JUBA	02	8						15		22					94	1	1021	805

Upper Winds on 18th (الرياح العليا يوم ١٨)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRUH 13h. m.	MARIUT h. m.	PORT SAID 12h. 30m.	ALMAZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHADA h. m.	WADI HALFA 12h. 30m.	KAREIMA 12h. 45m.	KHARTUM 12h. m.	KASSALA 14h. m.	EL OBEID 13h. m.	MALAKAL 13h. 15m.	JUBA 13h. m.
03 35 30		03 29 05					09 29 20	09 22 15	09 21 15	09 21 20	09 21 25	09 21 20	09 04 05
06 01 15		06 03 03					15 30 10	15 23 15	15 18 10	15 10 15	15 18 20	15 21 20	15 03 10
09 01 10		09 04 05					21 30 20	21 19 15	21 07 15	21 19 30	21 13 30	21 21 20	18 05 05
15 27 05		12 02 20						27 28 10	24 08 15		27 10 30	29 22 20	
21 03 15		15 36 20						33 28 05	30 10 20		33 09 30		
27 31 05		21 29 25						39 27 10	39 12 20		36 08 25		
30 09 15		27 26 15											
39 33 15		30 35 15											
45 33 05		33 26 10											

Remarks

Hours are egyptian standard time, long. 30°E. and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 18th	Diff from normal	Wet bulb temp on 18th	Diff from normal
Alexandria	77	+4	24.0	+0.8
Ezbekiya				
Giza	53	-10	21.2	-1.9
Helwan	43	-8	19.1	-1.6

GÎZA — GRASS MINIMUM TEMP ON 19th 19.8 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 19th 28.1 °C

Discharges at Aswan measured by sluices m³ per sec. Date	1946	1945
19-8	10848	5897
18-8	10891	5712

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	19-8-46			14.79	+1.04
Nâsser				10.00	+0.18
Malakâl		11.92	+0.10	11.92	+0.12
J. Aulia Res.				376.78	
J. Aulia D.S				376.27	+1.31
Roseires		23.10	+3.72	20.30	+2.04
Sennar Res.				17.33	
Khartûm		16.62	+1.19	16.64	+1.24
Kh. el Girba				15.80	+1.45
'Atbara		16.16	+1.30	16.08	+1.25
Kajnarti				143.40	+2.60
Aswân Res.		102.70		102.00	
Aswân D.S		93.00	+1.55	93.00	+1.62
Roda (Cairo)		19.73	+1.96	19.60	+1.97

Printed by the Survey of Egypt, 1945.(45/306)

Upper Winds on 19th (الرياح العليا يوم ١٩)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRUH 8h. 30m.	MARIUT 9h. 15m.	PORT SAID 8h. 15m.	HELWAN 9h. m.	MINYA h. m.	ASYUT 7h. m.	LUXOR h. m.	ASWAN h. m.	WADI HALFA 7h. m.	ABU HAMAD h. m.	KAREIMA h. m.	KHARTUM 6h. 30m.
03 34 10	03 30 05	03 34 10	03 36 25		03 00 00			09 24 25			09 27 15
06 35 05	06 31 10	06 36 10	05 06 05		05 05 10			15 37 40			18 31 10
09 33 15	09 01 10	09 34 05	10 29 10		10 01 05			21 27 10			21 03 05
15 31 20	12 03 20	12 04 05	15 28 10		15 30 15						24 03 05
21 36 20	15 03 25	18 03 30	20 28 15		20 28 10						30 03 05
27 36 15	21 02 30	21 35 15	25 29 20								39 11 15
30 30 15	24 02 30	27 17 05	30 25 05								
39 36 10	27 02 25	30 19 15									
45 34 10	30 02 30										

KASSALA 7h. m.	PORT SUDAN h. m.	EL OBEID 7h. m.	EL FASHER h. m.	GENEINA h. m.	MALAKAL h. m.
09 19 30		09 32 30			
15 25 30		15 25 30			
21 25 10		21 23 10			
27 30 10		27 17 05			
27 29 30		33 18 05			
33 28 20		39 13 05			
39 25 30					

CYPRUS SYNOPTIC 8h. ON 19th

34800 00990 28200 06291 78008 00220

34700 00990 11200 06302 40088 00220

UPPER AIR TEMP. ALMÂZA AT 6 15 G.M.T. ON 19th

Height feet	P.P.P m.b.	TT °F	tt °F
Surface	999	73	72
500	981	71	70
1000	963	78	69
1500	946	78	66
2000	929	77	57
4000	863	59	50
6000	800	57	43
8000	742	55	34
10000	687	49	30
12000	635	42	25
14000	587	35	24
15000	541	29	21

ANNUAL SUBSCRIPTION P.T. 150

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

DAILY WEATHER REPORT

Sunset 18 h. 32 m. — Month August 1946 — شهر أغسطس ١٩٤٦

At 14h. on Monday 19th (الساعة ١٤ يوم ١٩) — At 20h. on 19th (الساعة ٢٠ يوم الإثنين ١٩)

Region	Station	14h ww	V	Wind DD	F	Past W	Cloud N	C	Bar PPP	Temp TTT	% Hum UU	Rain 8-14 mms	20h ww	V	Wind DD	F	Past W	Cloud N	C	Bar PPP	Temp TTT	% Hum UU	Rain 14-20 mms	Station Number
Mediterranean	SALÛM																							130
	MATRÛH	00	9	30	2	0	0	—	8.8	29.0	69	0	00	8	04	1	0	0	—	8.8	26.8	80	0	131
	MARIUT	00	7	29	3	0	1	8	8	30	24	0	00	7	31	1	0	0	—	8	26	84	0	150
	ALEXANDRIA	01	9	28	3	2	3	4	8.0	30.0	65	0	00	6	32	2	0	0	—	8.6	26.2	82	0	132
	DAMIETTA	00	8	28	2	1	2	8	7.1	31.4	57	0	00	7	28	1	0	0	—	7.0	27.0	71	0	159
	PORT SA'ÎD	00	8	28	3	0	3	4	7.2	34.7	45	0	00	8	30	4	0	0	—	7.6	27.3	80	0	134
	EL 'ARÎSH	00	9	28	1	0	0	—	7.1	31.3	57	0	00	9	28	1	0	0	—	7.1	28.3	59	0	135
Lower Egypt	DAMANHÛR	01	7	28	4	1	3	8	7.8	34.0	45	0	00	7	28	3	0	0	—	8.3	25.3	82	0	136
	MANSÛRA	01	8	20	1	1	4	8	7.2	36.0	31	0	00	6	02	2	1	0	—	7.0	27.8	71	0	137
	TANTA	01	8	24	1	1	3	8	7.5	35.4	36	0	01	8	00	0	1	4	8	8.4	26.3	82	0	138
	ZAGAZIG	00	6	24	1	0	0	—	7.0	34.4	36	0	00	6	24	2	0	0	—	7.9	26.0	75	0	139
	SHEBÎN EL KÔM	00	8	30	2	0	0	—	7.5	35.4	34	0	00	7	30	2	0	0	—	7.6	27.9	72	0	—
Middle Egypt	CAIRO ALMÂZA	00	8	30	2	0	1	8	6.6	35.2	15	0	00	7	32	1	0	0	—	6.8	31.6	31	0	141
	CAIRO EZBEKÎYA	00	8	24	2	0	0	—	7.1	35.5	28	0	00	7	32	1	0	0	—	8.0	30.8	41	0	—
	CAIRO GÎZA	00	8	30	1	0	0	—	7.4	35.9	26	0	00	7	00	0	0	0	—	6.8	31.7	34	0	—
	HELWÂN	00	8	00	0	0	0	—	7.0	34.3	26	0	00	7	00	0	0	0	—	7.1	32.0	25	0	143
	SUEZ	00	9	30	2	0	0	—	—	36.2	26	0	00	9	30	1	0	0	—	7.3	31.8	32	0	144
Upper Egypt	FAIYÛM	00	8	30	2	0	0	—	—	35.5	18	0	00	8	30	1	0	0	—	6.6	29.5	52	0	153
	MINYA	00	9	32	2	0	0	—	6.3	37.7	—	0	00	8	32	1	0	0	—	5.5	31.7	38	0	154
	ASYÛT	00	8	26	1	0	0	—	6.6	35.1	54	0	00	6	26	1	0	0	—	6.8	31.2	31	0	155
	NAG' HAMÂDI	00	8	00	0	0	0	—	5.8	37.3	26	0	00	8	00	0	0	0	—	5.6	27.2	54	0	164
	QENA	00	9	22	2	0	0	—	5.2	41.0	17	0	00	6	24	1	0	0	—	4.7	31.0	42	0	156
	LUXOR	00	7	26	2	0	0	—	5.6	41.0	20	0	00	6	28	2	0	0	—	6.3	30.8	23	0	157
	ASWÂN	00	9	32	2	0	0	—	5.2	40.7	11	0	00	9	00	0	0	0	—	5.1	37.0	13	0	158
Western Desert	SÎWA	00	8	00	0	0	0	—	7.0	38.0	40	0	00		00	0	0	0	—	7.7	34.0	43	0	148
	BAHARÎYA												00		32	1	0	0	—	—	28.0	51	0	149
	KHÂRGA												00	9	08	1	0	0	—	7.8	34.2	27	0	151
	DAKHLA	00	9	32	1	0	0	—	7.1	38.5	19	0	00	7	32	2	0	0	—	8.6	29.0	23	0	152
Red Sea	TÔR	00	7	28	4	0	0	—	5.5	37.2?	43	0	00	7	28	3	0	0	—	7.0	35.2	61	0	145
	HURGHÂDA	00	8	04	2	0	0	—		33.6	44	0	00	8	28	1	0	0	—		32.1	48	0	146
	QUSEIR	00	8	02	2	0	0	—	5.5	34.4	59	0	00	8	12	1	0	0	—	5.5	30.0		0	147
	PORT SÛDÂN	01	9	08	3	1	3	4	3	36	66													208
North Sûdân	WÂDI HALFA	00	8	02	2	0	0	—	5	41	07													165
	KAREIMA	00	8	26	1	0	3	7,2	5	39	23													166
	'ATBARA	02	8	20	1	1	8	8,2	5	37	35													167
	KHARTÛM	01	8	18	3	1	4	4,8	—	33	53													209
	KASSALA	02	8	18	2	1	8	8,2	7	31	59													170
Central Sûdân	WAD MEDANI	02	8	18	2	1	7	8	7	31	55													171
	RENK	01	8	16	3	1	5	8	—	31	55													182
	ROSEIRES	02	7	16	1	2	6	8	—	27	84													172
	EL OBEID	10	8	22	3	1	6	1,6	6	31	49													174
	EL FÂSHER	02	9	20	2	1	5	8	—	29	59													175
	GENEINA	02	8	04	1	1	5	4,8	—	28	66													179
	KADUGLI	02	8	28	4	1	6	9	9	29	66													187
S. Sûdân	MALAKÂL	11	8	04	3	1	7	8	8	31	43													176
	WÂU	02	8	16	3	1	6	8	8	30	55													177
	JUBA	02	8	04	2	1	7	6,4	11	28	66													178

At 8h. on Tuesday 20th (الساعة ٨ يوم الثلاثاء ٢٠)

Region	Station	ww	V	Wind DD	F	Past W	Cloud N	C	Bar M.S.L. 1000+ mbs.	Diff from normal mbs.	Dry Bulb °C	Max Yesterday °C	Diff from norm. °C	Min Today °C	Diff from norm. °C	% Humidity	Rain Past 24 hrs mms.	Total From Oct. 1 mms.	Norm From Oct 1 mms.
Mediterranean	SALÛM												—		—				99
	MATRÛH	00	9	28	2	0	0	—	8.6	-2.4	25.7	29	+1	23	+1	85	0	101	161
	MARIUT	00	7	25	1	0	2	6	8		28	30	—	22	—	79	0	187	138
	ALEXANDRIA	02	9	00	0	1	5	1	8.0	-2.7	27.0	32	+2	24	+1	77	0	170	186
	DAMIETTA	00	8	20	2	0	0	—	7.6	-2.0	28.0	34	—	22	—	77	0	81	106
	PORT SA'ÎD	00	8	18	4	0	0	—	7.4	-1.6	27.8	35	+3	25	+1	73	0	71	81
	EL 'ARÎSH	00	9	20	2	0	0	—	7.4	-2.2	30.8	32	+2	20	-1	48	0	—	94
Lower Egypt	DAMANHÛR	09	5	20	2	4	0	—	7.8	-2.4	24.3	35	+2	20	0	92	0	72	101
	MANSÛRA	00	8	16	1	0	0	—	7.9	-2.0	28.5	38	+3	22	+1	75	0	66	55
	TANTA	01	8	24	1	1	4	8	8.4	-2.1	24.8	36	+2	20	+1	95	0	107	44
	ZAGAZIG	00	6	24	1	0	0	—	7.8	-2.9	27.6	35	0	22	+2	70	0	24	27
	SHEBÎN EL KÔM	00	8	22	1	2	0	—	7.5	-2.9	27.4	37	—	22	—	80	0	36	—
Middle Egypt	CAIRO ALMAZA	05	6	30	1	0	1	8	8.3	-2.0	26.3	37	—	22	—	79	0	10	—
	CAIRO EZBEKÎYA	09	5	30	1	2	8	6	8.7	-1.6	26.8	36	+1	23	+1	75	0	22	26
	CAIRO GÎZA	02	6	32	1	1	7	6	8.6	-1.6	23.8	36	+2	21	+1	90	0	41	27
	HELWÂN	05	6	30	1	0	0	—	8.0	-2.2	26.5	37	+2	23	+2	66	0	20	29
	SUEZ	00	9	02	1	0	0	—	7.5	-1.8	29.2	37	+1	23	0	59	0	—	17
Upper Egypt	FAIYÛM	00	8	00	0	0	0	—	8.2	-2.0	28.3	38	+2	22	+1	57	0	13	8
	MINYA	00	8	32	1	0	0	—	7.5	-2.0	28.8	38	+2	21	0	31	0	dr.	—
	ASYÛT	00	7	00	0	0	0	—	7.9	-1.2	29.9	37	+1	23	0	42	0	0	4
	NAG' HAMÂDI	00	8	00	0	0	0	—	7.5	-0.7	32.0	38	—	18	—	38	0	1	—
	QENA	00	8	24	2	0	0	—	7.2	-0.5	31.0	43	+3	22	-2	28	0	13	—
	LUXOR	00	7	28	1	0	0	—	7.4	-0.2	30.8	42	+1	21	-2	18	0	0	—
	ASWÂN	00	9	00	0	0	0	—	6.7	-1.0	32.2	42	+1	26	0	29	0	dr.	—
Western Desert	SÎWA	00	7	00	0	0	0	—	9.5	-2.9	27.7	40	+2	19	-1	59	0	5	8
	BAHARÎYA	00	7	00	0	0	0	—	—	—	31.0	38	+2	23	+3	51	0	0	7
	KHÂRGA	00	7	00	0	0	0	—	7.5	-1.4	32.4	41	+2	21	-2	23	0	1	—
	DÂKHLA	00	8	28	1	0	0	—	7.8	-2.1	28.0	41	+2	23	0	24	0	0	—
Red Sea	TÔR	00	7	00	0	0	0	—	7.8	+1.0	30.2	37	+3	22	-2	73	0	0	13
	HURGHÂDA	00	8	28	2	0	0	—			32.2	38	+3	24	-1	25	0	1	3
	QUSEIR	00	8	30	2	0	0	—	5.6	-1.2	31.7	37	+3	26	-1	34	0	11	4
	PORT SÛDÂN	00	9	00	0	0	0		6		34					66	0	62	104
North Sûdân	WÂDI HALFA	00	8	32	2	0	0	—	6		30					18	0	tr.	—
	KAREIMA	00	8	24	2	0	3	1	7		33					41	0	19	20
	'ATBARA	00	8	20	3	1	3	1	8		30					59	0	90	50
	KHARTÛM	00	8	20	3	1	1	1	9		28					66	0	147	116
	KASSALA	02	8	18	3	1	8	4,5,6	12		24					84	0	316	226
Central Sûdân	WAD MEDANI	00	7	18	3	0	2	3	10		26					79	0	327	291
	RENK	02	8	18	3	2	5	6	—		25		—		—	77	—	—	377
	ROSEIRES	02	8	16	1	6	5	5	13		23					94	10	482	567
	EL OBEID	01	8	18	3	1	4	4	11		24					84	24	315	246
	EL FÂSHER	02	9	00	0	1	5	2,8	—	—	24					87	0	160	226
	GENEINA	02	8	00	0	0	7	2,8	—	—	21		—		—	94	0	—	404
	KADUGLI	02	8	20	3	1	8	9	13		24		—		—	84	—	—	558
S. Sûdân	MALAKÂL	03	8	20	1	1	8	6	14		22					94	3	736	625
	WÂU	02	8	20	1	1	8	4,5,6	13		21					94	56	939	862
	JUBA	02	8	12	2	1	8	6,4	14		22					94	0	1021	899

UPPER WINDS ON 19th (الرياح العليا يوم ١٩)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD 12 h. 30 m.	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM 13 h.	KASSALA 13 h.	EL OBEID	MALAKAL 13 h. 15 m.	JUBA
		06 27 15							09 18 20	09 20 15		09 25 10	
		09 27 10							15 18 20	15 19 10		15 27 15	
		15 35 10							21 19 15	21 29 05		21 09 20	
		21 01 10							27 21 15	24 35 10		27 30 20	
									33 20 –	27 03 15		33 29 30	
									37 21 40	30 03 15			

UPPER WINDS ON 20th (الرياح العليا يوم ٢٠)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD 6 h. 45 m.	HELWÂN 9 h. 30 m.	MINYA 6 h. 30 m.	ASYÛT 7 h.	LUXOR 6 h. 30 m.	ASWÂN	WÂDI HALFA 7 h. 30 m.	ABU HAMAD 7 h.	KAREIMA	KHARTÛM 6 h.
		03 25 05	02 34 10	03 06 15	02 13 05	03 04 05		09 07 25	09 36 15		09 21 30
		06 32 15	05 33 15	06 03 20	05 07 25	06 03 20		15 07 05	15 01 20		15 22 20
		09 31 10	10 26 20	09 01 20	10 36 15	09 01 05		21 26 25	21 35 10		21 12 10
		12 30 05	15 35 25	12 01 20	15 35 10	12 32 20		27 26 35	27 34 10		24 09 05
		15 32 05	20 34 30	15 01 20	✓	15 33 05			33 11 15		30 21 10
		18 35 05	25 31 25	18 02 15		18 32 25			39 11 20		
		✓	30 30 30	21 30 20							
				27 30 10							

KASSALA 7 h.	PORT SÛDÂN 7 h. 15 m.	EL OBEID 7 h.	EL FÂSHER	GENEINA 7 h.	MALAKAL
09 19 25	09 01 05	09 20 20		09 00 02	
15 21 20	15 04 20	15 21 20		15 07 05	
21 22 15	21 36 25	21 24 30		21 04 15	
	27 35 40	24 24 25		27 08 25	
		27 26 25		33 09 25	
				39 10 30	

UPPER AIR TEMP. ALMÂZA AT 0600 G.M.T. ON 20-8

HEIGHT feet	P.P.P m.b.	TT °F	tt °F
Surface	999	75	73
500	982	73	72
1000	964	78	67
1500	947	80	59
2000	930	78	58
4000	864	68	54
6000	801	57	47
8000	743	47	38
10000	688	44	32
12000	636	44	28
14000	588	37	27
15000	542	31	23

CYPRUS SYNOPTIC 8h. ON 20th

34710 00971 10201 05292 50154
34810 00871 06201 05272 16807

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day Humidity % 19th	Diff from normal	Wet bulb temp °C 19th	Diff from normal
Alexandria	74	+1	24.3	+1.2
Ezbekiya	56	-5	23.0	+0.3
Gîza	54	-9	22.0	-0.2
Helwân	45	-6	20.9	+0.2

GÎZA — GRASS MINIMUM TEMP. ON 20th 19.0° C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 20th 28.0° C

Discharges at Aswân measured by sluices m³ per sec. — DATE	1946	1945
20 - 8	10973	5772
19 - 8	10848	5897

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				14.22	+0.47
Nâsser				10.02	+0.18
Malakâl		11.98	+0.15	11.92	+0.10
J. Aulia Res.				376.50	
J. Aulia D.S				376.40	+1.30
Roseires	20-8	22.40	+3.12	22.10	+2.83
Sennar Res.				17.18	
Khartûm		16.66	+1.21	16.62	+1.19
Kh. el Girba		16.18	+1.87	15.94	+1.61
'Atbara		16.23	+1.33	16.16	+1.30
Kajnarti		143.45	+2.45	143.30	+2.40
Aswân Res.		103.00		102.70	
Aswân D.S		93.10	+1.58	93.00	+1.55
Roda (Cairo)		19.78	+1.98	19.73	+1.98

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 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 AMOUNT (N)

Clear 0; Trace 1; 1 Tenth 2; 2, 3 Tenths 3; 4, 5, 6 Tenths 4; 7, 8 Tenths 5; 9 Tenths 6; Over 9 Tenths 7; Overcast 8; Fog or Dust 9

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.

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

Printed by the Survey of Egypt, 1945 (45/306)

ANNUAL SUBSCRIPTION P.T. 150

DAILY WEATHER REPORT

شهر أغسطس ١٩٤٦

Sunset 18h 31 — Month August 1946

At 14h. on Tuesday 20th (الساعة ١٤ يوم ٢٠) — At 20h. on 20th (الساعة ٢٠ يوم الثلاثاء ٢٠)

STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20 mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	28	2	0	0	—	8.4	28.8	72	0	00	8	28	1	0	0	—	8.3	27.2	83	0	131
MARIUT	00	7	28	3	0	1	8	7	30	70	0	00	7	27	1	0	0	—	8	26	84	0	150
ALEXANDRIA	01	9	32	3	2	3	4	6.8	30.0	70	0	00	6	32	2	0	0	—	8.4	27.0	69	0	132
DAMIETTA	00	8	28	3	1	3	8	6.8	30.8	48	0	00	7	28	1	1	0	—	7.1	26.5	85	0	159
PORT SA'ÎD	00	8	32	3	0	3	4	6.7	34.4	40	0	00	8	30	2	0	0	—	7.6	27.4	80	0	134
EL 'ARÎSH	00	9	30	3	0	0	—	7.9	30.6	66	0	00	9	02	1	0	0	—	7.1	27.8	72	0	135
LOWER EGYPT																							
DAMANHÛR	01	6	32	3	1	3	8	7.5	32.2	58	0	00	7	32	3	1	0	—	7.8	25.6	78	0	136
MANSÛRA	01	8	32	2	1	4	8	7.0	36.0	25	0	00	6	04	2	1	0	—	7.9	27.2	77	0	137
TANTA	00	8	00	0	1	0	—	6.4	35.0	42	0	00	8	00	0	0	0	—	8.3	25.6	87	0	138
ZAGAZIG	00	6	24	2	0	3	8	7.1	35.0	30	0	00	6	24	2	0	0	—	7.6	29.0	65	0	139
SHEBÎN EL KÔM	00	8	30	1	0	0	—	7.6	35.9	25	0	00	7	30	2	1	1	8	7.8	27.6	57	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	32	3	0	1	8	6.7	36.2	12	0	00	7	02	3	0	0	—	7.6	30.3	46	0	141
CAIRO EZBEKÎYA	00	8	02	2	0	0	—	7.4	36.2	17	0	00	6	32	1	0	0	—	8.2	32.0	42	0	—
CAIRO GÎZA	00	8	04	1	0	0	—	7.2	35.9	18	0	00	7	32	1	0	0	—	8.3	29.0	56	0	—
HELWÂN	00	8	28	4	0	0	—	6.4	35.0	13	0	00	7	32	3	0	0	—	7.2	32.0	17	0	143
SUEZ	00	9	02	2	0	0	—	6.7	35.3	40	0	00	9	30	2	0	0	—	7.2	33.8	22	0	144
UPPER EGYPT																							
FAIYÛM	00	8	30	2	0	0	—	6.3	36.5	18	0	00	8	00	0	0	0	—	6.8	30.0	36	0	153
MINYA	00	9	02	2	0	0	—	7.1	38.6		0	00	8	30	1	0	0	—	7.2	29.8	19	0	154
ASYÛT	00	8	26	1	0	0	—	6.7	37.6	13	0	00	8	28	1	0	0	—	6.8	30.0	36	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	5.2	38.6	22	0	00	8	00	0	0	0	—	6.6	28.6	44	0	164
QENA	00	9	24	2	0	0	—	4.6	40.0	17	0	00	6	24	2	0	0	—	5.5	35.0	24	0	156
LUXOR												00	6	28	1	0	0	—	6.3	31.2	22	0	157
ASWÂN	00	9	30	3	0	0	—	3.5	41.7	11	0	00	9	00	0	0	0	—	5.6	37.6	13	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	—	9.0	38.2	48	0	00		00	0	0	0	—	8.4	33.3	55	0	148
BAHARÎYA												00	8	32	1	0	0	—	—	28.0	57	0	149
KHÂRGA	00	9	32	1	0	0	—	6.2	38.4	24	0	00	9	32	1	0	0	—	6.7	33.4	29	0	151
DAKHLA	00	9	28	1	0	2	—	6.8	38.8	17	0	00	7	28	1	0	0	—	7.8	29.0	23	0	152
RED SEA																							
TÔR												00	7	04	3	0	0	—	4.7	35.3	20	0	145
HURGHÂDA	00	8	06	1	0	0	—		34.6	32	0	00	8	28	2	0	0	—	—	33.2	35	0	146
QUSEIR	00	8	32	2	0	0	—	5.2	35.2	57	0	00	8	02	1	0	0	—	5.5	31.6	45	0	147
PORT SÛDÂN	00	8	06	3	0	1	8	4	37	37													160
NORTH SÛDÂN																							
WÂDI HALFA	00	8	26	1	0	0	—	3	43	07													165
KAREIMA	00	8	00	0	0	1	8	4	39	30													166
'ATBARA	01	8	20	3	1	3	8	4	37	33													167
KHARTÛM	02	8	20	4	1	5	1,8	6	35	44													169
KASSALA	01	8	22	2	1	5	8	7	31	59													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	18	2	0	5	8	5	34	41													171
RENK	01	9	18	3	1	4	8	—	31	46													182
ROSEIRES																							172
EL OBEID	01	9	20	3	1	4	8	6	31	49													174
EL FÂSHER	02	9	08	3	6	7	4,5,8	—	26	70													175
GENEINA	02	8	08	1	1	5	9	—	29	57													179
KADUGLI	02	8	20	3	1	5	9	8	32	43													187
S. SÛDÂN																							
MALAKÂL	02	8	18	2	1	5	4,8	9	29	70													176
WÂU	02	8	18	3	5	5	4,6	10	27	66													177
JUBA	02	8	06	2	1	5	4,6,8	10	28	70													178

Upper Winds on 20th (الرياح العليا يوم ٢٠)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
13 h. 15 m.	12 h. 45 m.	12 h. 15 m.	h. m.	h. m.	12 h. 30 m.	13 h. 15 m.	13 h. 30 m.	11 h. 45 m.	13 h. 15 m.	13 h. m.	13 h. m.	12 h. 45 m.	13 h. m.
03 32 15	03 31 10	03 26 05			03 01 10	06 01 30	09 27 15	09 29 05	09 23 20	09 19 15	09 22 25	09 21 20	09 02 30
06 32 15	06 11 05	06 29 15			06 35 25	09 35 25	15 28 15	15 30 15	15 24 25	15 20 20	15 23 25	15 20 15	15 27 35
09 31 15	09 27 20	09 28 20			09 36 30	15 29 20	21 27 40	21 36 05	21 29 30	21 22 15	21 25 15	21 22 35	21 21 02
15 30 15	12 23 05	15 25 05			15 32 35		27 27 20	27 03 10	24 31 30	27 23 10	27 25 10	24 22 20	27 02 10
21 29 15	15 25 10	21 06 05			21 28 25		30 23 05	33 01 10	30 21 20	33 24 15	33 24 10	33 23 20	33 08 15
30 33 15	18 25 15	30 23 15			30 01 70			39 11 15				39 26 10	39 35 05
	21 25 20	33 24 20			33 30 65								
	24 24 20	36 22 20			36 29 50								
	27 31 15				39 28 40								

Notes

Hours are Egyptian standard time, [illegible] and are [illegible] hours fast on Greenwich Mean Time.

Station	Humidity % 20th	Diff. from normal	20th	Diff. from normal
Alexandria	71	-1	23.9	+0.8
Ezbekîya	53	-9	22.2	-0.5
Gîza	67	+4	21.8	-0.4
Helwân	39	-12	19.3	-1.4

GÎZA — GRASS MINIMUM TEMP. ON 21st 16.3 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 21st 28.1 °C

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	21-8	11023	6229
	20-8	10973	5972

Gauge	Date 1946	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba				14.10	+0.34
Nasser					
Malakâl				11.98	+0.15
J. Aulia Res.				376.58	
J. Aulia D S				376.41	+1.27
Roseires	21-8	21.50	+2.22	22.40	+3.12
Sennar Res.					
Khartûm		16.72	+1.22	16.66	+1.21
Kh. el Girba				16.18	+1.87
'Atbara		16.28	+1.26	16.23	+1.33
Kajnarti		143.63	+2.53	143.45	+2.45
Aswân Res.		103.70		103.00	
Aswân D.S		93.20	+1.60	93.10	+1.58
Roda (Cairo)		19.84	+1.95	19.78	+1.98

Printed by the Survey of Egypt, 1945.(45/306)

At 8h. on Wednesday 21st (الساعة ٨ يوم الأربعاء ٢١)

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Norm. from Oct. 1 mms.
MEDITERRANEAN																		
SALÛM												—		—				99
MATRÛH	00	9	28	2	0	0	—	9.0	-2.0	26.9	29	+1	21	-1	83	0	101	161
MARIUT	00	7	25	2	0	0	—	8		28	30	—	21	—	77	0	187	138
ALEXANDRIA	01	9	28	2	1	3	8	8.4	-2.4	27.4	31	+1	25	+2	74	0	170	186
DAMIETTA	00	8	20	2	1	2	4	7.5	-2.2	27.5	34	—	23	—	80	0	81	106
PORT SA'ÎD	01	8	30	2	1	4	4,6	7.6	-1.5	27.7	35	+3	25	+1	75	0	71	81
EL 'ARÎSH	00	9	24	3	0	0	—	8.8	-0.9	28.8	32	+2	21	0	63	0	—	94
LOWER EGYPT																		
DAMANHÛR	00	6	24	2	0	0	—	8.0	-2.3	27.0	34	+1	21	+1	87	0	92	101
MANSÛRA	00	8	08	1	0	0	—	8.2	-1.8	28.5	37	+2	22	+1	74	0	66	55
TANTA	00	8	28	1	0	0	—	8.7	-1.9	27.3	35	+1	21	+2	79	0	107	44
ZAGAZIG	00	6	24	1	0	0	—	7.4	-3.4	28.8	35	0	21	+1	71	0	24	27
SHEBÎN EL KÔM	00	8	22	1	0	0	—	7.9	-2.6	29.8	37	—	22	—	64	0	36	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	30	1	1	1	8	8.3	-2.1	27.0	37	—	22	—	76	0	10	—
CAIRO EZBEKÎYA	05	6	22	1	1	4	6	8.8	-1.6	27.0	36	+2	23	+1	77	0	22	26
CAIRO GÎZA	05	6	26	1	1	2	8	8.7	-1.7	27.7	36	+2	20	+1	74	0	41	27
HELWÂN	05	6	00	0	0	0	—	8.7	-1.6	25.3	36	+1	21	0	74	0	20	29
SUEZ	00	9	02	1	0	0	—	8.4	-1.0	29.8	37	+1	23	0	59	0	—	17
UPPER EGYPT																		
FAIYÛM	00	8	32	2	0	0	—	8.6	-1.7	27.8	38	+2	22	+1	63	0	13	8
MINYA	00	8	02	1	0	0	—	8.3	-1.3	29.9	39	+3	21	0	32	0	tr	—
ASYÛT	00	7	26	1	0	0	—	8.4	-0.8	27.5	39	+3	23	0	43	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	7.9	-0.4	29.8	39	—	19	—	55	0	1	—
QENA	00	8	32	1	0	0	—	7.2	-0.6	28.0	42	+2	22	-2	38	0	13	—
LUXOR	00	7	28	2	0	0	—	7.6	-0.1	31.6	41	±	22	±	20	0	0	—
ASWÂN	00	9	32	1	0	0	—	7.2	-0.5	31.5	42	+1	27	+1	25	0	tr	
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	10.3	-2.1	27.0	40	+2	19	-1	77	0	5	8
BAHARÎYA	00	9	00	0	0	0	—	—	—	29.2	38	+2	21	+1	51	0	0	7
KHÂRGA	00	9	32	1	0	0	—	8.4	-0.6	31.2	39	0	20	-3	30	0	1	—
DÂKHLA	00	8	28	2	0	0	—	9.2	-0.8	30.5	41	+2	25	+2	21	0	0	—
RED SEA																		
TÔR	00	7	28	3	0	0	—	7.4	+0.5	30.1	35	+1	22	-2	55	0	0	13
HURGHÂDA	00	8	28	3	0	0	—	—	—	32.6	36	+1	24	-1	23	0	1	3
QUSEIR	00	8	28	2	0	0	—	5.9	-1.0	31.5	36	+2	26	-1	37	0	11	4
PORT SÛDÂN																	62	104
NORTH SÛDÂN																		
WÂDI HALFA	00	8	32	1	0	1	1	6		31					19	0	tr	—
KAREIMA	00	7	22	4	0	0	—	8		31					52	0	19	20
'ATBARA	00	7	20	2	1	3	4	9		29					62	0	90	52
KHARTÛM	00	9	06	1	1	2	4	7		35					32	14	161	119
KASSALA	22	8	18	2	8	6	6,4	12		23					94	2	318	229
CENTRAL SÛDÂN																		
WAD MEDANI	02	9	18	4	8	5	3	11		25					95	18	345	295
RENK	01	9	12	3	0	5	4	—		26		—		—	79	—	—	382
ROSEIRES	01	8	16	1	1	3	4	14		24					84	0	482	574
EL OBEID	02	9	16	1	1	7	4,5	11		22					94	40	355	250
EL FÂSHER								—	—									231
GENEINA								—	—			—		—				412
KADUGLI	02	8	22	2	6	7	9	12		23		—		—	94	—	—	563
S. SÛDÂN																		
MALAKÂL	62		22	2	6	8	7,6	15		21					95	30	766	631
WÂU	02	8	16	2	1	6	4,5,1	13		22					94	tr	939	869
JUBA	02	7	16	2	1	6	6	15		23					57	0	1021	813

Upper Winds on 21st (الرياح العليا يوم ٢١)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
6 h. 45 m.	6 h. 45 m.	h. m.	9 h. m.	h. m.	7 h. m.	6 h. 30 m.	h. m.	7 h. 45 m.	7 h. m.	7 h. 15 m.	7 h. m.
03 31 15	06 31 20		02 29 10		03 33 05	03 02 20		09 07 35	09 27 20	03 27 50	09 21 35
06 05 05	09 33 30		05 35 15		05 03 05	06 03 20		15 12 15	15 29 15	15 29 40	15 21 25
09 20 05	12 34 30		09 35 20		10 31 20	09 36 20		21 22 15	21 33 10		21 13 15
15 26 15	15 33 20		10 35 15		15 31 15	12 35 20		24 19 20	27 33 10		24 09 20
21 26 25	21 33 20		15 35 25		20 30 15	15 30 30		33 25 15	33 33 05		33 08 40
27 30 15	27 31 25		20 35 30			18 31 35		39 27 20	39 36 05		39 08 45
30 22 25	30 33 20		23 35 25			21 28 55					
39 34 30	39 32 30		25 35 30			24 28 60					
	45 34 40		30 35 35			27 26 20					

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. 45 m.	7 h. m.	7 h. m.	h. m.	h. m.	h. m.
09 18 35	09 19 05	09 22 20			
15 18 20	15 17 10	15 20 10			
21 16 15	21 22 05	21 11 35			
27 11 10		27 09 35			
33 03 40		33 09 45			

CYPRUS SYNOPTIC 8h. ON 21st

34850 00852 24112 04262 30903 00210.
34710 00973 08201 05292 10104 00190.

UPPER AIR TEMP. ALMÂZA AT 6h G.M.T. ON 21st

HEIGHT FEET	PPP mb.	TT	
Surface	999	81	77
500	981	72	71
1000	963	71	69
1500	946	71	66
2000	929	66	61
4000	863	70	51
6000	800	60	46
8000	742	49	40
10000	687	47	30
12000	636	43	28
14000	587	36	26
16000	548	28	22

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2-3 Tenths	3
4-6 Tenths	4

WIND FORCE (F)

Moderate	[illegible]	
Fresh	21-35	
Strong	36-44	
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.

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

ANNUAL SUBSCRIPTION P.T. 150

Sunset 18·30 — Month August 1946 — DAILY WEATHER REPORT — شهر اغسطس ١٩٤٦

At 14h. on 21st / At 20h. on Wednesday 21st

Station	14h Present Weather	Visibility	Wind Dir.	Force	Past Weather	Cloud Amount	Form	Bar Press M.S.L. 1000+ mbs.	Temp. °C	% Humidity	Rain 8-14 mms	20h Present Weather	Visibility	Wind Dir.	Force	Past Weather	Cloud Amount	Form	Bar Press M.S.L. 1000+ mbs.	Temp. °C	% Humidity	Rain 14-20 mms	Station Number
Salûm																							30
Matrûh	00	9	32	2	0	0	—	8.7	29.8	77	0	00	8	28	1	0	0	—	8.8	26.3	89	0	[illegible]
Mariut	00	7	28	4	0	0	—	8	30	66	0	0											36
Alexandria	00	9	28	3	0	0	—	8.0	30.8	63	0	00		28	2	0	0	—	8.6	27.0	75	0	37
Damietta	00	8	28	4	1	0	—	7.0	30.5	63	0	00	7	28	3	0	0	—	7.5	26.9	83	0	35?
Port Saîd	00	8	30	3	0	0	—	7.1	32.8	64	0	00	8	26	3	0	0	—	7.9	28.6	79	0	34?
El Arîsh	00	9	28	3	0	0	—	7.1	30.3	66	0	00	9	04	1	0	0	—	7.7	27.4	75	0	[illegible]
Damanhûr	00	7	28	3	0	0	—	7.8	32.6	57	0	00	7	32	2	0	0	—	7.9	25.8	78	0	[illegible]
Mansûra	00	8	02	2	0	0	—	7.0	30.5	41	0	00	6	02	2	0	0	—	8.2	26.8	80	0	[illegible]
Tanta	00	8	32	2	0	0	—	7.1	34.0	31	0	00	8	28	1	0	0	—	8.2	27.0	80	0	[illegible]
Zagazig	00	6	24	1	0	0	—	7.6	33.6	41	0	00	6	24	2	0	0	—	9.2	28.0	60	0	[illegible]
Shebîn el Kôm	00	8	30	2	0	0	—	7.0	36.7	26	0	00	7	30	2	0	0	—	7.8	29.1	54	0	
Almaza	00	6	30	2	0	1	6	7.1	34.6	38	0												[illegible]
Ezbekîya	00	8	30	3	0	0	—	7.1	35.3	27	0	00	7	32	2	0	0	—	8.3	30.8	43	0	
Gîza	00	7	32	2	0	0	—	7.5	35.1	34	0	00	8	00	0	0	0	—	8.8	29.2	49	0	
Helwân	00	8	28	3	0	0	—	7.0	36.0	15	0	00	7	32	4	0	0	—	7.8	31.0	32	0	43
Suez	00	9	02	1	0	0	—	7.1	35.4	35	0	00	9	30	1	0	0	—	7.8	29.8	85	0	44?
Faiyûm	00	8	02	2	0	0	—	6.6	35.2	23	0	00	8	00	0	0	0	—	7.5	31.0	36	0	53?
Minya	00	9	04	3	0	0	—	7.1		16	0	00	8	32	1	0	0	—	7.2	32.8	24	0	54
Asyût	00	8	22	1	0	0	—	7.4	36.3	16	0	00	6	28	1	0	0	—	7.2	30.2	38	0	55
Nag Hamâdi	00	8	00	0	0	0	—	7.2	37.0	27	0	00	8	00	0	0	0	—	6.9	28.0	41	0	184
Qena	00	9	22	2	0	0	—	5.2	40.6	23	0	00	6	24	1	0	0	—	5.8	31.3	37	0	156
Luxor	00	7	30	2	0	0	—	6.0	40.0	16	0	00	6	28	2	0	0	—	6.3	30.8	23	0	157
Aswân	00	9	04	2	0	0	—	4.8	41.4	13	0	00	9	30	2	0	0	—	5.0	38.2	15	0	158
Sîwa	00	8	28	2	0	0	—	9.8	37.3	18	0	00	—	00	0	0	0	—	9.3	33.3	39	0	48
Baharîya												00	—	32	1	0	0	—	—	29.0	58	0	49
Khârga	00	9	32	1	0	0	—	7.6	39.0	24	0	00	9	32	2	0	0	—	8.3	34.2	26	0	51
Dâkhla	00	9	28	1	0	0	—	7.2	39.0	19	0	00	7	28	1	0	0	—	9.4	30.0	22	0	52
Tôr	00	7	28	3	0	0	—	6.0	36.9	50	0	00	7	28	3	0	0	—	5.5	32.2	67	0	45
Hurghâda	00	8	02	3	0	0	—		34.9	30	0	00	8	28	2	0	0	—	—	33.9	32	0	46
Quseir	00	8	02	1	0	0	—	5.6	35.0	52	0	00	8	04	2	0	0	—	5.0	31.2	46	0	47
Port Sûdân	00	9	08	3	1	2	8	4	38	33													69
Wâdi Halfa	00	8	30	2	0	1	4	3	43	09													165
Kareima	00	7	28	3	0	0	—	4	40	23													166
Atbara	01	8	24	3	1	4	8,4	5	33	36													167
Khartûm	25	8	18	3	8	6	8,4	7	26	79													168
Kassala	02	8	20	2	9	5	8,14	9	28	70													170
Wad Medani	02	9	30	2	1	5		8	24	84													[illegible]
Renk	01	9	12	3	1	4	8	—	29	66													182
Roseires	01	8	18	1	1	4	8	11	29	59													172
El Obeid	02	9	20	3	2	7	6,4	—	28	66													174
El Fâsher	25	9	28	2	8	6	9		28	66													175
Geneina	02	8	06	3	4	6	9		29	59													179
Kadugli	02	8	20	4	1	6	9	10	27	70													187
Malakâl	61	8	18	3	6	7	6,5	10	26	84													176
Wâu	02	8	12	3	1	6	8	7	29	59													177
Juba	22	8	12	3	6	8	6,4	12	24	84													178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

Upper winds on 21st

Matrûh 13h. 18m.	Mariut	Port Saîd	Almâza	Minya	Luxor	Hurghâda	Wâdi Halfa 13h. 15m.	Kareima 13h.	Khartûm	Kassala 13h.	El Obeid 13h. 30m.	Malakal	Juba
03 24 15							09 03 05	09 21 35		09 23 15	09 24 20		
06 26 15							15 06 30	15 31 30		15 21 15	15 28 20		
09 20 20								21 31 35		21 20 10			
15 21 35										27 19 05			
21 20 30										33 16 10			
27 19 40													
30 19 45													

	21st		21st	
	72	0	24.4	+1.3
	55	-7	22.7	0.0
	57	-6	23.1	+0.9
	50	-1	20.2	-0.4

Giza — Grass min. temp. on 22nd: 16.3 °C

Cairo — Water temp. River Nile on 22nd: 28.3 °C

Discharges at Aswân measured by sluices m³ per sec.	Date		
	22-8	11082	6829
	21-8	11023	6229

Gauge	Reading	Diff. from normal	Previous day Reading	Previous day Diff. from normal
Juba	14.38	+0.62	14.25	+0.49
Nasser			10.09	+0.22
Malakal	12.19	+0.34	12.05	+0.21
[illegible]	376.61		376.55	
[illegible]	376.40	+1.20	376.43	+1.26
Roseires	21.30	+2.02	21.50	+2.22
Sennar Res.	17.20		17.20	
Khartûm	16.76	+1.22	16.72	+1.22
Kh. el Girba	16.20	+1.90	15.56	+1.26
Atbara	16.30	+1.25	16.28	+1.36
Kajnarti	143.76	+2.59	143.65	+2.53
Aswân Res.	143.68		143.10	
Aswân D.S	93.20	+1.52	93.20	+1.60
Roda (Cairo)	19.91	+1.91	19.8	+1.95

22-8-46

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on Thursday 22nd

Station	Present Weather	Visibility	Wind Dir.	Force	Past Weather	Cloud Amount	Form	Bar M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	% Humidity	Rain Past 24 hrs	Total from Oct. 1	Norm. from Oct. 1
Salûm												—		—				99
Matrûh	00	9	28	2	0	0	—	10.2	-0.9	27.3	29	-4	20	-2	87	0	101	161
Mariut	00	7	36	2	0	2	6	9		29		—	22	—	74	0	187	138
Alexandria	00	9	28	1	0	0	—	9.1	-1.8	27.0	32	+2	24	+1	78	0	170	186
Damietta	00	7	30	2	0	0	—	8.3	-1.5	25.9	32	—	22	—	82	0	81	106
Port Saîd	01	8	24	2	1	4	6	8.6	-0.6	27.2	34	+2	25	+1	82	0	71	81
El Arîsh	01	9	22	1	0	4	3	8.3	-1.5	30.4	32	+2	24	+2	67	0	—	94
Damanhûr	00	6	28	3	0	0	—	9.0	-1.4	27.4	34	+1	21	+1	78	0	92	101
Mansûra	00	8	14	2	0	0	—	9.0	-1.1	26.8	36	+1	21	0	78	0	66	55
Tanta	00	8	00	0	0	0	—	9.2	-1.5	27.2	34	0	20	+1	77	0	107	44
Zagazig	00	6	30	1	0	0	—	8.8	-2.1	28.9	35	0	20	0	75	0	24	27
Shebîn el Kôm	00	8	—		0	0	—	8.4	-2.2	29.8	38	—	21	—	62	0	36	
Almaza	05	6	00	0	0	0	—	9.2	-1.5	26.8		—	22	—	60	0	10	—
Ezbekîya	09	5	02	1	0	0	—	9.2	-1.3	28.4	37	+3	23	+1	58	0	22	26
Gîza	05	6	30	1	1	0	—	9.2	-1.3	28.7	36	+2	18	-1	57	0	41	27
Helwân	05	5	00	0	0	3	5	8.8	-1.6	27.9	36	+1	22	+2	36	0	20	29
Suez	00	9	02	1	0	0	—	8.2	1.3	29.8	37	+1	22	-1	59	0	—	17
Faiyûm	00	8	00	0	0	0	—	8.7	-1.7	29.8	37	+1	21	0	46	0	13	8
Minya	00	8	18	1	0	0	—	9.6	-0.1	30.4	37	+1	21	0	49	0	4	—
Asyût	00	7	00	0	0	0	—	9.1	-0.2	29.1	38	+2	23	0	44	0	0	4
Nag Hamâdi	00	8	00	0	0	0	—	8.8	+0.4	32.6	39	—	19	—	39	0	1	—
Qena																	13	—
Luxor	00	7	28	1	0	0	—	8.2	+0.4	30.8	41	—	22	—	23	0	0	—
Aswân	00	9	28	1	0	0	—	7.6	-0.2	31.6	43	+2	27	+1	25	0	4	
Sîwa	00	7	00	0	0	0	—	10.8	-1.7	25.0	39	+1	17	-1	87	0	5	8
Baharîya	00	9	32	1	0	0	—	—	—	30.0	38	+2	20	0	47	0	0	7
Khârga	00	9	32	1	0	0	—	8.6	-0.5	33.1	40	+1	21	-2	27	0	1	—
Dâkhla	00	8	32	1	0	0	—	10.0	-0.1	27.5	39	0	20	-3	30	0	0	
Tôr	00	7	28	3	0	0	—	5.6	-1.4	32.9	37	+3	23	-1	65	0	0	13
Hurghâda	00	8	28	3	0	0	—	—	—	32.7	37	+2	25	0	34	0	1	3
Quseir	00	8	30	2	0	0	—	5.4	-1.6	31.0	36	+2	26	-1	42	0	11	4
Port Sûdân	01	9	08	2	0	3	1	4		34					30	0	62	104
Wâdi Halfa	00	8	02	2	0	0	—	7		32					21	0	6	—
Kareima	01	7	20	3	1	4	1	9		31					49	0	19	21
Atbara	02	8	18	3	2	6	4	10		34					47	0	90	54
Khartûm	02	8	16	3	2	6	6,4	12		24					84	18	179	122
Kassala	02	8	16	4	1	6	6,4	13		24					64	4	322	233
Wad Medani	03	7	18	5	8	8	6	13		24					94	17	362	279
Renk	02	8	16	3	2	6	4	13		24	—		—		14	— ?		386
Roseires	52	7	10	1	5	8	7,5	—		21					95	115	597	581
El Obeid	02	9	16	4	1	7	6,4	16		23					57	10	365	254
El Fâsher								—	—							R		235
Geneina								—	—		—		—					420
Kadugli	02	8	12	3	1	7	9	13		24	—		—		64	—		568
Malakâl	02	8	12	2	1	6	6,4	14		24					89	10	776	637
Wâu																		876
Juba	02	8	14	2	1	7	7,4	14		22					94	6	1027	817

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

Upper winds on 22nd

Matrûh	Mariut	Port Saîd 7h.	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa 7h. 15m.	Abu Hamad 7h.	Kareima 7h.	Khartûm 6h. 30m.
03 29 18		03 29 20						09 05 25	09 23 50	09 21 35	09 18 60
06 32 05		06 33 20						15 09 30	15 27 60	15 25 45	15 11 18
09 27 10		09 28 20						21 17 19	21 24 40	21 31 15	21 11 35
15 03 15		15 27 15						27 22 26	27 13 10	27 31 15	24 05 40
21 01 20		21 25 15						33 23 18	33 11 10	33 31 20	30 09 25
30 01 20		30 31 15						39 25 20	39 11 30		
45 33 20		39 31 20									

Kassala 7h.	Port Sûdân	El Obeid 7h.	El Fâsher	Geneina	Malakal
09 20 40		09 19 30			
15 22 55		15 20 40			
21 24 50		21 21 45			
		24 21 55			

Upper Air Temp. Almaza at 5 30 G.M.T. on 22nd

Height feet	P.P.	T	
Surface	1000	76	68
[illegible]	982	81	62
	964	82	61
[illegible]	947	84	59
2000	930	82	58
4000	864	71	53
6000	801	62	47
8000	743	52	37
10000	688	47	32
12000	636	51	32
14000	588	44	27
15000	542	36	27

Cyprus Synoptic on 22nd

24710 00261 27101 05302 30103

Wind Force (F)

Wind Direction (DD), 0-32 scale e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

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 08
- Distant Fog 09
- Rain [illegible]
- Thunder [illegible]
- Distant Duststorm 2
- [illegible] 4
- Slight Duststorm 8
- [illegible]
- Slight Thunderstorm [illegible]
- Heavy Thunderstorm [illegible]
- Duststorm 30-34
- Fog [illegible] 40-49
- Mod. Fog or [illegible] 41
- Dust [illegible]
- Fog in patches [illegible]
- Drizzle [illegible]
- Rain [illegible]
- Rain and Fog [illegible]
- Rain and Snow [illegible]
- Snow [illegible]
- Showers [illegible]
- of Snow 33, 34
- of Sleet 35, 36
- of Hail 38, 89
- Thunderstorm 90-99
- ended, now Rain 91
- with Hail [illegible]
- with Duststorm [illegible]
- 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
- [illegible]0 metres
- 200
- 500
- 1 Kilometre
- 2
- 4
- 10
- 20
- 50
- Visible over 50 kms.

Cloud Amount (N)

- Clear
- Trace
- 1 Tenth
- 2-3 Tenths
- [illegible]

Cloud Form (C)

- Cirrus
- Cumulo-nimbus
- Stratus

ANNUAL SUBSCRIPTION P.T. 150

DAILY WEATHER REPORT

شهر اغسطس ١٩٤٦

Sunset 18 29 — Month *August* 1946

At 14h. on 22nd / At 20h. on 22nd

STATION	14h ww	V	Dir.	Force	W	N	C	ppp (1000+ mbs.)	TTT (°C)	UU (% Humidity)	Rain 8-14 mms	20h ww	V	Dir.	Force	W	N	C	ppp (1000+ mbs.)	TTT (°C)	UU (% Humidity)	Rain 14-20 mms	Station Number
SALUM																							130
MATRUH	00	9	28	3	0	0	—	7.9	28.8	86	0	00	8	28	2	0	0	—	9.9	27.6	91	0	131
MARIUT																							150
ALEXANDRIA	00	9	28	3	0	0	—	9.2	31.0	54	0	00	6	04	2	0	0	—	9.5	27.0	67	0	132
DAMIETTA	00	8	28	4	0	0	—	7.9	31.4	45	0	00	7	24	1	0	0	—	8.4	26.6	69	0	159
PORT SAID	00	8	28	3	0	0	—	8.4	33.8	48	0	00	6	28	2	0	0	—	9.4	28.0	57	0	134
EL ARISH	00	9	28	4	0	0	—	7.8	30.9	67	0	00	9	30	1	0	0	—	9.8	27.9	82	0	135
DAMANHUR	01	7	32	3	1	3	8	8.8	32.6	54	0	00	7	28	3	0	0	—	9.0	25.6	82	0	136
MANSURA	01	8	08	2	0	3	8	8.6	36.0	33	0	00	6	32	2	1	0	—	9.4	28.0	55	0	137
TANTA	00	8	28	1	0	0	—	8.2	35.7	32	0	00	8	24	1	0	0	—	9.4	26.6	80	0	138
ZAGAZIG	00	6	28	2	0	0	—	8.4	35.2	41	0	00	6	32	2	0	0	—	9.2	26.6	57	0	139
SHEBIN EL KOM	00	8	30	3	0	0	—	7.4	35.4	34	0	00	7	02	2	0	0	—	9.2	27.8	60	0	—
CAIRO ALMAZA																							141
CAIRO EZBEKIYA	00	8	30	3	0	0	—	8.2	36.8	20	0	00	7	02	2	0	0	—	8.8	29.2	47	0	—
CAIRO GIZA	00	8	30	1	0	0	—	7.8	36.3	25	0	00	8	02	2	0	0	—	9.1	31.5	35	0	—
HELWAN	00	8	32	2	0	0	—	7.9	35.5	15	0	00	7	30	1	0	0	—	8.0	32.1	26	0	143
SUEZ	00	9	28	1	0	0	—	8.2	38.0	22	0	00	9	32	1	0	0	—	—	—	42	0	144
FAIYUM	00	8	30	1	0	0	—	7.8	37.6	19	0	00	8	00	0	0	0	—	7.9	28.8	51	0	153
MINYA	00	9	28	2	0	0	—	7.2	37.2	15	0	00	8	30	1	0	0	—	7.4	31.4	39	0	154
ASYUT	00	8	26	2	0	0	—	7.9	37.1	15	0	00	6	26	1	0	0	—	8.4?	30.0	30	0	155
NAG HAMADI	00	8	00	0	0	0	—	7.2	38.0	24	0												184
QENA	00	9	24	1	0	0	—	6.4	41.8	22	0	00	6	24	1	0	0	—	6.7	33.4	28	0	156
LUXOR	00	7	26	2	0	0	—	6.8	39.5	23	0	00	6	28	2	0	0	—	7.8	32.6	17	0	157
ASWAN	00	9	28	1	0	0	—	5.9	40.4	13	0	00	9	32	1	0	0	—	6.6	37.5	14	0	158
SIWA	00	8	00	0	0	0	—	10.6	37.0	39	0	00	—	00	0	0	0	—	9.9	29.2	52	0	148
BAHARIYA																							149
KHARGA	00	8	32	1	0	0	—	9.0	39.4	24	0	00	9	32	1	0	0	—	9.1	35.3	28	0	151
DAKHLA	00	9	32	1	0	0	—	7.0	37.5	21	0	00	7	28	2	0	0	—	9.6	28.3	29	0	152
TOR	00	7	28	4	0	0	—	7.4	34.1	61	0	00	7	28	3	0	0	—	7.6	33.9	57	0	145
HURGHADA	00	8	02	3	0	0	—		33.8	40	0	00	8	00	0	0	0	—		32.5	38	0	146
QUSEIR	00	8	02	2	0	0	—	5.5	34.2	55	0	00	8	02	1	0	0	—	5.5	33.0	52	0	147
PORT SUDAN	01	9	08	3	1	5	8	5	38	40													169
WADI HALFA	01	8	32	2	0	3	2	6	42	10													165
KAREIMA	01	7	22	5	1	4	4,2	7	36	37													166
ATBARA	2	8	18	3	1	8	8,4	8	35	37													167
KHARTUM	02	8	16	4	2	5	8,4	9	31	59													168
KASSALA																							170
WAD MEDANI	02	8	18	4	1	5	8	9	29	66													171
RENK	01	9	16	3	1	4	8	—	29	66													182
ROSEIRES	03	7	16	1	2	8	5	—	25	84													172
EL OBEID	02	9	16	3	1	6	9,4	9	28	66													174
EL FASHER	02	9	14	3	1	5	8,4		29	52													175
GENEINA																							179
KADUGLI	02	8	12	3	1	6	9	10	29	59													187
MALAKAL	01	8	12	2	1	4	8,4	11	29	66													176
WAU	02	8	00	0	1	6	6,4	10	28	66													177
JUBA	02	8	24	1	1	6	8,4	11	30	59													178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

Upper winds on 22nd

MATRUH 13h	MARIUT 13h	PORT SAID 12h. 45m.	ALMAZA	MINYA 13h	LUXOR	HURGHADA	WADI HALFA 13h. 45m.	KAREIMA 13h. 15m.	KHARTUM 13h	KASSALA	EL OBEID 13h	MALAKAL	JUBA 13h
03 31 20	03 20 15	03 31 15		03 02 05			09 32 05	09 21 25	09 19 55		09 22 15		09 06 05
06 28 15	06 30 20	06 31 30		06 33 05			15 35 10	15 23 35	15 19 60		15 21 20		15 06 10
09 26 15	09 31 20	09 43 30		09 28 10			21 02 10	21 28 00	21 17 40		21 17 20		21 03 05
15 32 20	12 29 15	12 24 30		12 26 15			27 09 05	27 08 05			27 14 28		27 04 10
21 35 40	15 26 15	15 30 25		15 25 15			33 25 20	33 13 25					33 03 10
27 27 50	18 29 40	18 29 40		18 29 15				39 13 45					39 34 05
	21 24 25	21 26 15		21 28 20									
	24 24 30	24 23 10		24 27 25									
	27 23 30	27 22 05		27 27 30									

Hours are Egyptian standard time (long. 30° E.) and are … hours fast on Greenwich mean time.

	22nd		22nd	
Abbassia	70	-2	23.7	+0.7
Ezbekiya	47	-15	21.7	-1.0
Giza	41	-23	22.6	+0.4
Helwan	28	-24	19.1	-1.5

GIZA — GRASS MINIMUM TEMP. ON 23rd 17.9 °C

CAIRO — WATER TEMP. AT 8h. RIVER NILE ON 23rd 28.4 °C

Gauge	Reading	Diff.	Reading	Diff.
Juba			14.38	+0.62
Nasser				
Malakal			12.19	+0.34
J. Aulia Res.			376.61	
J. Aulia D.S			376.40	+1.20
Roseires	21.90	+2.62	21.30	+2.02
Sennar Res.	17.20		17.20	
Khartum	16.80	+1.22	16.76	+1.22
Kh. el Girba	16.19	+1.90	16.20	+1.90
Atbara	16.32	+1.34	16.30	+1.35
Kajnarti	143.80	+2.57	143.76	+2.59
Aswan Res.	104.50		103.68	
Aswan D.S	93.20	+1.45	93.20	+1.52
Roda (Cairo)	19.93	+1.82	19.91	+1.91

23 - 8 - 46

Discharges at Aswan measured by sluices m³ per sec.	DATE	1946	1945
	23-8	11062	7820
	22-8	11082	6879

Printed by the Survey of Egypt, 1945.(45/306)

At 8h. on *Friday 23rd*

الساعة ٨ يوم الجمعة ٢٣

STATION	ww	V	Dir. (DD)	Force	W	N	C	M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb °C	Max. Yesterday °C	Diff. from norm °C	Min. Today °C	Diff. from norm °C	% Humidity	Rain past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
SALUM												—		—				99
MATRUH	00	9	28	3	0	0	—	9.9	-1.3	27.7	30	+2	21	-1	85	0	101	161
MARIUT	00	7	22	2	0	2	6	9		28		—	20	—	79	0	187	138
ALEXANDRIA	01	9	24	3	1	4	8	9.8	-1.2	27.4	32	+2	23	0	74	0	170	186
DAMIETTA	00	7	22	1	0	0	—	9.2	-0.7	27.5	33	—	21	—	74	0	81	106
PORT SAID	00	8	24	2	0	0	—	9.2	-0.1	30.1	35	+3	25	+1	59	0	71	81
EL ARISH	00	9	28	1	0	0	—	9.1	-0.8	31.4	32	+2	21	+1	64	0	—	94
DAMANHUR	00	7	32	3	0	0	—	9.2	-1.3	27.2	33	0	20	0	76	0	92	101
MANSURA	00	8	14	1	0	0	—	8.4	-1.8	29.0	37	+3	21	0	64	0	66	55
TANTA	00	8	00	0	0	0	—	9.8	-1.0	28.4	36	+2	18	-1	69	0	107	44
ZAGAZIG	01	6	24	1	1	3		7.9?	-3.2	27.4	35	0	20	0	76	0	24	27
SHEBIN EL KOM	00	8	30	1	0	0	—	8.6	-2.1	31.2	37	—	21	—	53	0	36	—
CAIRO ALMAZA	05	6	00	0	0	0	—	9.5	-1.1	27.3		—	23	—	57	0	10	—
CAIRO EZBEKIYA	05	5	32	1	0	0	—	9.5	-1.1	27.2	38	+4	23	+2	41	0	22	26
CAIRO GIZA	05	6	02	1	0	0	—	10.0	-0.6	28.4	37	+3	20	+1	56	0	41	27
HELWAN	00	6	00	0	0	0	—	9.4	-1.1	27.0	37	+3	25	+4	43	0	20	29
SUEZ	00	9	02	1	0	0	—	9.8	+0.2	31.4	39	+3	22	-1	45	0	—	17
FAIYUM	00	8	00	0	0	0	—	9.1	-1.4	30.8	38	+2	22	+1	37	0	13	8
MINYA	00	8	24	1	0	0	—	9.2	-0.5	30.3	38	+2	20	-1	55	0	dr	—
ASYUT	00	7	00	0	0	0	—	9.2	-0.2	30.7	39	+3	22	0	31	0	0	4
NAG HAMADI	00	8	00	0	0	0	—	9.4	+0.9	30.7	39	—	17	—	44	0	1	—
QENA	00	8	24	1	0	0	—	9.4	+1.2	31.0	42	+2	23	-1	32	0	13	—
LUXOR	00	7	28	2	0	0	—	9.8	+1.9	33.0	41	0	23	0	—	0	0	—
ASWAN	00	9	00	0	0	0	—	9.4	+1.6	32.4	42	+1	26	0	30	0	dr	
SIWA	00	7	00	0	0	0	—	12.3	-0.3	26.0	38	+2	20	0	81	0	5	8
BAHARIYA	00	9	32	1	0	0	—	—	—	30.0	39	+3	20	0	50	0	0	7
KHARGA	00	9	32	1	0	0	—	—	—	32.4	41	+2	20	-2	26	0	1	—
DAKHLA	00	8	28	1	0	0	—	10.8	+0.6	28.0	40	+1	22	-1	28	0	0	—
TOR	00	7	00	0	0	0	—	7.6	+0.5	31.5	34	0	25	+1	63	0	0	13
HURGHADA	00	8	16	1	0	0	—			32.3	35	0	22	-3	34	0	1	3
QUSEIR	00	8	28	2	0	0	—	4.4	-2.7	32.0	36	+2	27	0	40	0	11	4
PORT SUDAN	00	8	28	3	0	0	—	8		37					42	0	62	104
WADI HALFA	00	8	22	1	0	3	4	10		31					49	0	6	—
KAREIMA	01	8	00	0	1	3		12		30					66	0	19	21
ATBARA	01	8	20	2	1	4	4	12		28					70	2	92	55
KHARTUM	01	8	16	3	1	4	4	12		26					84	0	129	125
KASSALA	02	8	18	3	1	5	4	13		25					79	0	322	337
WAD MEDANI	01	9	16	4	1	4	4	13		25					84	0	361	303
RENK												—		—		—		391
ROSEIRES	02	8	16	1	1	6	8,5	—		23					94	1	598	588
EL OBEID	02	8	18	1	1	5	6,4	13		23					74	4	369	258
EL FASHER								—	—							8	168	240
GENEINA	01	7	14	4	1	4	6,4	—	—	22		—		—	88	0		428
KADUGLI												—		—		—		573
MALAKAL	02	7	24	1	1	6	4	14		24					89	5	781	643
WAU																		883
JUBA																		821

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

Upper winds on 23rd

MATRUH 7h.	MARIUT	PORT SAID 6h. 30m.	HELWAN	MINYA	ASYUT	LUXOR	ASWAN	WADI HALFA 7h. 15m.	ABU HAMAD 7h.	KAREIMA 7h.	KHARTUM 7h.
03 31 25		03 29 10						09 07 15	09 24 30	09 25 15	09 19 30
06 30 25		06 29 15						15 34 15	15 28 20	15 26 10	15 18 20
		09 26 15						21 20 20	21 21 15	21 25 10	
		15 24 20						27 29 20	27 21 20	27 24 15	
		21 24 35						33 26 30		33 21 05	
		30 30 30									

KASSALA 7h.	PORT SUDAN	EL OBEID 7h.	EL FASHER	GENEINA 7h.	MALAKAL
09 19 30		09 25 30		09 34 05	
15 20 25		15 23 15		15 35 05	
21 21 20				21 10 15	
27 4 05				27 11 25	

UPPER AIR TEMP — ALMAZA At 05 45 on 23rd

Height			
Surface	1000	76	69
500	982	76	65.5
1000	964	81.5	61
1500	947	81	61
2000	930	79	60
4000	864	70	56
6000	809	61	47.5
8000	743	58	38
10000	688	55	36
12000	636	46	30.5
14000	588	37	27
15000	542	34	26

CYPRUS SYNOPTIC 8h. ON 23rd

34800 00951 12201 08290 40207

ANNUAL SUBSCRIPTION P.T. 150

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	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
Med. 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	86, 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 AMOUNT (N)

Clear	0
Tenth	1
Tenths	2
Tenths	3
Cirro…	3
Alto…	4
Alto…	5
Strato-cumulus	6
Nimbo…	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

Very strong	
Gale	
Strong gale	
Whole gale	78-90
Storm	91-104
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.

DAILY WEATHER REPORT

Sunset h. m. 18 27 — Month AUGUST 1946 — شهر أغسطس ١٩٤٦

At 14h. on FRIDAY 23rd — الساعة ١٤ يوم الجمعة ٢٣

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	Temp. °C (ttt)	% Humidity (uu)	Rain 8-14h. mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	9	30	3	0	0	—	9.9	29.2	83	0	131
MARIUT	00	7	27	3	0	0	—	9	30	70	0	150
ALEXANDRIA	00	9	28	4	0	0	—	9.2	31.0	65	0	132
DAMIETTA	00	7	30	3	1	2	8	8.3	30.6	60	0	159
PORT SA'ÎD												134
EL 'ARÎSH	00	9	32	4	0	0	—	8.6	31.3	58	0	135
LOWER EGYPT												
DAMANHÛR	00	7	28	3	0	0	—	9.0	32.4	48	0	136
MANŞÛRA	01	8	16	2	1	3	8	8.7	36.0	31	0	137
ṬANṬA	01	8	00	0	1	3	8	9.0	35.3	35	0	138
ZAGAZIG	00	6	34	2	0	0	—	8.9	34.6	41	0	139
SHEBÎN EL KÔM	00	8	02	2	0	0	—	8.0	35.4	31	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	00	8	30	2	0	0	—	7.8	35.0	29	0	141
CAIRO EZBEKÎYA	00	8	30	2	0	0	—	7.9	36.5	27	0	—
CAIRO GÎZA	00	7	32	2	0	0	—	8.6	35.0	30	0	—
ḤELWÂN	00	8	26	2	0	0	—	8.3	35.6	13	0	143
SUEZ	00	9	02	1	0	0	—	8.0	37.4	22	0	144
UPPER EGYPT												
FAIYÛM	00	8	00	0	0	0	—	7.8	37.0	19	0	153
MINYA	00	9	02	2	0	0	—	7.6	37.7	17	0	154
ASYÛT	00	8	00	0	0	0	—	8.2	35.1	28	0	155
NAG' ḤAMÂDI	00	8	00	0	0	0	—	7.1	38.4	21	0	164
QENA	00	9	22	2	0	0	—	6.7	40.0	22	0	156
LUXOR	00	7	28	1	0	0	—	7.8	41.0	17	0	157
ASWÂN	00	9	32	2	0	0	—	6.6	40.6	15	0	158
WESTERN DESERT												
SÎWA	00	8	30	3	0	0	—	11.4	39.0	50	0	148
BAḤARÎYA	00	9	00	0	0	0	—	—	36.5	35	0	149
KHÂRGA	00	9	32	1	0	0	—	6.4	38.8	25	0	151
DAKHLA	00	9	28	1	0	0	—	7.9	38.5	20	0	152
RED SEA												
ṬÛR	00	7	28	3	0	0	—	—	35.1	61	0	145
HURGHÂDA	00	8	04	2	0	0	—	—	35.6	29	0	146
QUŞEIR	00	8	32	2	0	0	—	4.2	35.2	49	0	147
PORT SÛDÂN	00	8	06	4	0	2	8	5	39	53		
NORTH SÛDÂN												
WÂDI ḤALFA	00	8	32	2	0	3	4	6	42	13		165
KAREIMA	01	8	18	1	1	3	8,4	8	37	31		166
'AṬBARA	01	8	20	2	1	4	8	8	36	37		167
KHARTÛM	01	8	18	4	1	4	8,4	9	32	49		
KASSALA	01	8	22	2	1	4	8,4	9	32	49		170
CENTRAL SÛDÂN												
WAD MEDANI	01	8	16	4	1	5	8	9	31	52		171
RENK	01	9	18	3	1	4	8	—	31	52		182
ROSEIRES	02	7	16	2	0	5	8	—	31	62		172
EL OBEID	02	8	18	2	1	6	6	9	29	59		174
EL FÂSHER												175
GENEINA												179
KADUGLI	11	8	20	2	1	6	9	10	29	70		187
S. SÛDÂN												
MALAKÂL	01	8	00	0	0	4	8	9	31	59		176
WÂU	02	8	32	1	1	5	8,4	9	31	52		177
JUBA	11	8	32	2	1	8	4,4	10	28	70		178

At 20h. on 23rd — الساعة ٢٠ يوم الجمعة ٢٣

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	Temp. °C (ttt)	% Humidity (uu)	Rain 14-20h. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	9	28	3	0	0	—	9.9	27.4	94	
MARIUT	00	7	29	2	0	2	6	9	26	94	0
ALEXANDRIA	01	5	32	2	1	3	4	9.6	26.2	89	0
DAMIETTA	00	7	28	1	0	0	—	8.4	26.4	83	0
PORT SA'ÎD	00	8	30	2	0	0	—	8.7	27.1	83	0
EL 'ARÎSH	00	9	32	1	0	0	—	8.8	26.6	56	0
LOWER EGYPT											
DAMANHÛR	00	7	32	3	0	0	—	9.2	26.0	78	0
MANŞÛRA	00	6	02	1	0	0	—	9.0	27.6	74	0
ṬANṬA	01	8	24	1	1	3	8	9.1	25.7	79	0
ZAGAZIG	00	6	24	1	0	0	—	9.2	28.2	73	0
SHEBÎN EL KÔM	00	8	02	2	0	0	—	8.7	29.3	67	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	7	04	1	0	0	—	8.0	32.4	33	0
CAIRO EZBEKÎYA	00	7	02	1	0	0	—	8.7	31.3	41	0
CAIRO GÎZA	00	7	00	0	0	0	—	8.8	31.7	37	0
ḤELWÂN	00	7	00	0	0	0	—	8.4	32.4	21	0
SUEZ	00	9	02	1	0	0	—	7.9	30.0	46	0
UPPER EGYPT											
FAIYÛM	00	8	00	0	0	0	—	7.9	28.8	62	0
MINYA	00	8	32	1	0	0	—	7.0	32.6	26	0
ASYÛT	00	6	26	1	0	0	—	7.6	32.0	28	0
NAG' ḤAMÂDI	00	8	00	0	0	0	—	7.4	—	—	0
QENA	00	6	24	1	0	0	—	7.0	29.8	49	0
LUXOR	00	6	28	1	0	0	—	7.8	39.0	24	0
ASWÂN	00	9	00	0	0	0	—	7.1	37.0	13	0
WESTERN DESERT											
SÎWA	00	—	28	2	0	0	—	10.8	34.1	51	0
BAḤARÎYA	00	—	32	1	0	0	—	—	29.0	58	0
KHÂRGA	00	9	32	1	0	0	—	6.6	35.0	27	0
DAKHLA	00	7	28	2	0	0	—	—	28.5	27	0
RED SEA											
ṬÛR	00	7	04	4	0	0	—	6.2	36.8	54	0
HURGHÂDA	00	8	00	0	0	0	—	—	34.2	39	0
QUŞEIR	00	8	04	1	0	0	—	3.6	33.0	43	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI ḤALFA											
KAREIMA											
'AṬBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 23rd — الرياح العليا يوم ٢٣

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
13h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13h. 15m.	13h. 15m.	13h. m.	13h. m.	13h. m.	13h. m.	13h. 45m.
03 32 15							09 32 20	09 20 10	09 17 15	09 21 30	09 22 15	09 27 05	09 06 05
06 34 10							15 30 05	15 04 05	15 17 20	15 22 35	15 23 15	15 27 05	15 07 15
09 34 20							21 32 15	21 36 15	21 16 20	21 24 25	18 21 20	21 27 05	21 08 30
15 35 30								27 04 15	24 16 20	27 22 35		27 26 05	27 11 20
21 32 20								33 04 15	30 14 30	33 35 20		33 26 05	33 09 20
27 30 20								39 07 20				39 27 15	39 12 20
30 31 30													
39 30 15													

At 8h. on SATURDAY 24th — الساعة ٨ يوم السبت ٢٤

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Pressure M.S.L. 1000+ mbs. (ppp)	Diff. from normal mbs.	Temperature Dry Bulb °C (ttt)	Maximum Yesterday °C (MM)	Maximum Diff. from norm. °C	Minimum Today °C (mm)	Minimum Diff. from norm. °C	% Humidity (uu)	Rainfall Past 24 hrs mms	Total From Oct. 1 mms	Norm. From Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				100
MATRÛH	00	9	28	3	0	0	—	10.7	-0.6	27.6	34	-4	21	-1	87	0	101	161
MARIUT	00	7	24	1	0	0	—	9		29	34	—	21	—	66	0	187	138
ALEXANDRIA	01	9	28	2	2	4	4	9.8	-1.3	27.2	32	+2	25	+2	75	0	170	186
DAMIETTA	01	6	20	2	4	3	8	9.0	-1.0	26.1	34	—	21	—	90	0	81	106
PORT SA'ÎD	02	8	22	3	2	6	6	10.3	+0.8	27.1	34	+2	25	+1	83	0	71	81
EL 'ARÎSH	00	9	00	0	0	0	—	8.7	-1.3	30.0	34	+4	20	-1	54	0	—	94
LOWER EGYPT																		
DAMANHÛR	00	6	28	3	0	0	—	9.2	-1.4	26.7	34	+1	21	+1	83	0	92	101
MANŞÛRA	01	8	30	2	1	4	6	9.5	-0.9	26.0	37	+3	23	+2	85	0	66	55
ṬANṬA	01	8	00	0	1	4	8	9.6	-1.3	26.6	36	+2	21	+2	84	0	107	44
ZAGAZIG	01	6	28	1	1	3	1	9.4	-1.7	28.8	36	+1	20	0	71	0	24	27
SHEBÎN EL KÔM	01	8	22	2	1	4	8	8.8	-2.1	26.8	37	—	23	—	80	0	36	—
MIDDLE EGYPT																		
CAIRO ALMAZA	05	6	29	1	2	5	6	9.6	-1.1	25.8	37	—	22	—	82	0	10	—
CAIRO EZBEKÎYA	05	6	28	1	2	3	6	10.2	-0.5	28.2	37	+3	24	+3	68	0	22	26
CAIRO GÎZA	05	6	30	1	1	1	8	10.0	-0.7	27.8	36	+2	21	+2	72	0	41	27
ḤELWÂN	09	6	28	2	0	0	—	9.6	-0.9	24.9	37	+3	22	+1	82	0	20	29
SUEZ	00	9	02	1	0	0	—	10.0	+0.3	28.4	38	+2	22	-1	60	0	—	17
UPPER EGYPT																		
FAIYÛM	00	8	32	2	0	0	—	9.6	-1.0	27.2	38	+2	24	+3	69	0	13	8
MINYA	00	9	32	2	0	0	—	9.6	-0.2	28.8	38	+3	23	+2	64	0	41	—
ASYÛT	00	7	22	1	0	0	—	9.4	-0.1	29.3	39	+3	24	+2	31	0	0	4
NAG' ḤAMÂDI	00	8	00	0	0	0	—	8.6	0.0	31.3	40	—	—	—	43	0	1	—
QENA	00	8	30	2	0	0	—	8.6	+0.6	29.8	41	+1	24	0	42	0	13	—
LUXOR	00	7	28	1	0	0	—	8.4	+0.4	31.0	43	+2	23	0	—	0	0	—
ASWÂN	00	9	00	0	0	0	—	8.4	+0.5	31.4	42	+1	25	-1	35	0	41	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	12.7	0.0	27.0	40	+3	22	+2	—	0	6	8
BAḤARÎYA	00	9	00	0	0	0	—	—	—	28.0	37	+1	20	0	57	0	0	7
KHÂRGA	00	9	08	1	0	0	—	8.8	-0.4	33.6	39	0	20	-2	23	0	1	—
DAKHLA	00	8	28	2	0	0	—	10.6	+0.3	27.8	39	+1	23	0	28	0	0	—
RED SEA																		
ṬÛR	00	7	28	3	0	0	—	7.9	+0.7	29.9	38	+4	22	-2	73	0	0	13
HURGHÂDA	00	8	28	2	0	0	—	—	—	34.2	37	+2	25	0	22	0	1	3
QUSEIR	00	8	32	2	0	0	—	5.9	-1.3	31.6	36	+2	27	0	42	0	11	4
PORT SÛDÂN	00	8	12	1	1	2	4	7		33					57	0	62	104
NORTH SÛDÂN																		
WÂDI ḤALFA	00	8	32	1	0	0	—	9		29					20	0	61	—
KAREIMA																—	19	22
'AṬBARA	02	8	18	3	1	5	4	9		29					62	0	92	56
KHARTÛM	01	8	06	3	1	4	4	10		29					66	—	179	127
KASSALA	00	8	16	3	1	2	1	10		26					62	0	322	241
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	18	5	1	3	1	11		26					79	0	362	307
RENK	02	8	29	3	2	6	4	—		24		—		—	84	—	—	395
ROSEIRES	02	8	16	1	1	8	5	—		24					84	0	578	596
EL OBEID	01	9	18	3	1	4	4	12		25					79	0	369	262
EL FÂSHER								—	—							—	168	244
GENEINA								—	—			—		—		—	—	436
KADUGLI	01	8	08	2	1	4	4	12		24		—		—	84	—	—	578
S. SÛDÂN																		
MALAKÂL	01	9	00	0	1	3	4	12		25					84	25	806	649
WÂU																—	939	790
JUBA	01	8	16	1	1	4	4	13		24					84	0	1027	825

UPPER WINDS ON 24th — الرياح العليا يوم ٢٤

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ḤELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
6h. 30m.	6h. 45m.	7h. 15m.	9h. m.	6h. 30m.	7h. m.	6h. 30m.	7h. m.	7h. 15m.	7h. m.	h. m.	6h. m.
03 31 30	03 29 20	03 28 15	02 32 10	03 36 25	02 31 15	03 26 15	02 34 10	09 36 20	09 26 15		09 19 50
06 33 25	06 34 15		05 34 10	06 01 10	05 30 15	06 34 15	05 36 20	15 36 30	15 33 15		15 21 15
09 34 30	09 34 20		08 34 10	09 33 05	10 35 15	09 34 20	10 35 30	21 31 50	21 36 15		21 16 05
15 32 40	15 33 30		10 23 10	15 31 30	15 34 25	15 30 15	15 35 10	27 29 35	27 34 15		24 17 05
21 32 45	21 33 30		15 30 20	21 31 30		21 24 10	20 35 05		33 29 10		30 31 15
24 32 50	24 32 20		20 29 10	24 31 20		24 21 05	25 34 05		39 32 15		
	27 34 30		23 30 10			27 23 10					
	30 33 30		25 32 15								
			30 34 25								

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	h. m.	7h. m.	h. m.	h. m.	7h. 30m.
		09 21 25			09 30 10
		15 23 20			15 21 15
		21 23 15			

UPPER AIR TEMP. ALMÂZA AT 6h. G.M.T. ON 24th.

HEIGHT FEET	P.P.P m.b.	T.T °F	t.t °F
Surface	1000	76	74
500	982	71	70
1000	964	70	69
1500	947	73	63
2000	930	75	55
4000	864	69	51
6000	801	63	43
8000	743	54	36
10000	688	45	29
12000	636	42	24
14000	588	33	22
16000	542	25	17

CYPRUS SYNOPTIC 8h. ON 24th.

34720 00990 00000 06291 xxx90
34800 00990 xxxxx xx281 60870 00200

Remarks

Hours are Egyptian standard time, long 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	24th	11117	8055
	23rd	11062	7820

STATION	Mean of day: Humidity % on 23rd	Humidity Diff. from normal	Wet Bulb Temp °C on 23rd	Wet Bulb Temp Diff. from normal
Alexandria	79	+7	24.9	+1.9
Ezbekîya	46	-16	22.3	-0.4
Gîza	53	-11	22.1	0.0
Helwân	29	-23	18.8	-1.8

GÎZA — GRASS MINIMUM TEMP. ON 24th 19.2 °C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 24th 28.5 °C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	24th				
Nasser					
Malakâl					
J. Aulia Res.					
J. Aulia D.S					
Roseires		22.68	+3.42	21.90	+2.62
Sennar Res.				17.20	
Khartûm		16.89	+1.28	16.80	+1.22
Kh. el Girba				16.49	+1.90
'Atbara		16.36	+1.32	16.32	+1.34
Kajnarti		143.90	+2.63	143.80	+2.57
Aswân Res.		105.20	—	104.50	—
Aswân D.S		93.30	+1.50	93.20	+1.45
Roda (Cairo)		19.98	+1.84	19.93	+1.82

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ANNUAL SUBSCRIPTION P.T. 150

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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.

DAILY WEATHER REPORT

Sunset 18 26 — Month August 1946 — شهر اغسطس ١٩٤٦

At 14h. on 24th (الساعة ١٤ يوم ٢٤) and At 20h. on 24th (الساعة ٢٠ يوم ٢٤)

Station	14h Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 8-14h mms	20h Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
Salûm																							130
Matrûh	00	9	28	3	0	0	—	10.4	29.2	71	0	00	8	28	3	0	0	—	10.6	27.2	80	0	131
Mariut	00	7	27	4	0	1	—	9	31	62	0	00	7	28	3	0	0	—	9	27	66		150
Alexandria	00	9	30	3	0	0	—	9.5	30.6	62	0	01	7	28	4	1	3	8	10.4	27.0	63	0	132
Damietta	00	8	28	3	1	0	—	8.3	29.9	59	0	01	7	28	2	1	3	8	8.3	26.7	83	0	159
Port Sa'îd	00	8	30	3	0	0	—	8.6	28.0	59	0	01	8	28	2	1	4	6	8.4	27.2	83	0	134
El 'Arîsh	00	9	30	4	0	0	—	8.0	29.8	73	0	00	9	32	2	0	0	—	8.6	27.8	80	0	135
LOWER EGYPT																							
Damanhûr	00	7	32	3	0	0	—	8.8	32.0	63	0	00	7	28	3	0	0	—	9.2	25.3	82	0	136
Mansûra	01	8	30	1	1	3	8	8.3	35.0	42	0	00	6	28	2	1	0	—	9.4	27.0	80	0	137
Tanta	00	8	28	1	0	0	—	8.3	34.0	45	0	00	8	24	1	0	0	—	9.6	26.0	78	0	138
Zagazig	00	6	28	1	0	0	—	9.0	33.6	48	0	00	6	30	2	0	0	—	8.7	27.8	77	0	139
Shebîn el Kôm	00	8	30	3	1	0	—	8.3	30.6	38	0	00	7	30	3	0	0	—	9.0	28.2	73	0	—
MIDDLE EGYPT																							
Cairo: Almâza	00	8	30	2	0	0	—	8.1	34.3	26	0	00	7	03	2	0	0	—	8.5	30.5	48	0	141
Cairo: Ezbekîya	00	8	02	3	0	0	—	8.4	35.2	31	0	00	6	30	2	0	0	—	9.5	30.4	58	0	—
Cairo: Gîza	00	7	02	1	0	0	—	8.6	34.5	34	0	00	8	20	1	0	0	—	9.5	28.8	66	0	—
Helwân	00	8	28	1	0	0	—	7.9	33.8	24	0	00	7	32	3	0	0	—	8.6	31.0	42	0	143
Suez	00	9	02	2	0	0	—	7.9	35.6	26	0	00	9	02	1	0	0	—	9.1	30.4	56	0	144
UPPER EGYPT																							
Faiyûm	00	8	30	2	0	0	—	7.6	35.2	25	0	00	8	30	3	0	0	—	8.6	31.2	42	0	153
Minya	00	9	32	3	0	0	—	7.1	36.3	22	0	00	8	30	1	0	0	—	7.5	31.4	39	0	154
Asyût	00	8	26	1	0	0	—	7.4	37.5	16	0	00	6	28	1	0	0	—	7.6	31.3	36	0	155
Nag Hamâdi	00	8	00	0	0	0	—	6.2	37.2	25	0	00	8	00	0	0	0	—	6.4	29.5	44	0	164
Qena	00	—	23	2	0	0	—	5.2	41.4	23	0	00	6	24	1	0	0	—	5.4	34.6	23	0	156
Luxor	00	7	30	2	0	0	—	5.9	41.0	20	0	00	6	28	2	0	0	—	5.9	34.0	13	0	157
Aswân	00	9	30	2	0	0	—	4.2	40.0	13	0	00	9	32	2	0	0	—	5.6	35.4	14	0	158
WESTERN DESERT																							
Sîwa	00	8	28	2	0	0	—	11.6	37.3	22	0	00		28	2	0	0	—	10.8	34.3	42	0	148
Baharîya												00		32	1	0	0	—	—	31.5	32	0	149
Khârga	00	9	08	1	0	0	—	7.3	38.8	20	0	00	9	08	1	0	0	—	8.0	35.4	19	0	151
Dakhla	00	9	28	1	0	0	—	7.9	38.0	21	0	00	7	28	3	0	0	—	10.5	29.0	27	0	152
RED SEA																							
Tôr	00	7	28	4	0	0	—	6.8	34.1	57	0	00	7	04	4	0	0	—	4.3?	31.8	54	0	145
Hurghada	00	8	02	3	0	0	—	—	35.3	39	0	00	8	28	2	0	0	—	—	33.9	40	0	146
Quseir	00	8	32	2	0	0	—	—	35.0	57	0	00	8	04	1	0	0	—	5.8	31.0	54	0	147
Port Sûdân	00	9	08	4	0	0	—	4	37	63													169
NORTH SÛDÂN																							
Wâdi Halfa	00	8	30	4	0	0	—	5	41	13	0												165
Kareima	01	8	00	0	0	3	8	5	40	20													166
'Atbara	03	8	24	3	1	8	8y	5	38	27													167
Khartûm	01	8	20	3	1	3	8	7	34	47													168
Kassala	01	8	18	2	1	4	8	7	33	44													170
CENTRAL SÛDÂN																							
Wad Medani																							171
Renk	01	9	18	3	1	4	8	—	33	53													182
Roseires																							172
El Obeid	02	9	16	2	1	7	8	6	31	52													174
El Fâsher	11	9	12	2	1	6	8		30	55													175
Geneina	02	8	20	3	6	6	9		28	66													179
Kadugli	02	8	24	3	1	6	9		28	66													187
S. SÛDÂN																							
Malakâl																							176
Wâu																							177
Juba	02	8	08	1	1	5	8	9	32	52													178

At 8h. on Sunday 25th (الساعة ٨ يوم الأحد ٢٥)

Station	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Pressure M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm.	Min. Today °C	Min. Diff. from norm.	% Humidity	Rainfall Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct. 1 mms
MEDITERRANEAN																		
Salûm												—		—				100
Matrûh	00	9	28	3	0	0	—	11.1	-0.3	27.3					80	0	101	161
Mariut	01	7	27	2	1	3	6	9		25	31	—	25	—	79		187	138
Alexandria	01	9	32	2	2	4	4	11.4	+0.2	27.4	32	+2	25	+2	64	0	170	166
Damietta	01	9	20	2	1	3	8	8.7	-1.4	27.9	33	—	23	—	70	0	81	106
Port Sa'îd	01	8	26	2	1	4	6	8.7	-0.9	27.3	33	+2	25	+1	71	0	71	81
El 'Arîsh	01	9	18	2	1	5	3	8.7	-1.4	28.3					75	0	—	74
LOWER EGYPT																		
Damanhûr	01	6	32	3	1	3	8	9.2	-1.5	26.0	34	+1	22	+2	72	0	72	101
Mansûra	00	8	18	1	0	0	—	9.5	-1.0	28.0	36	+2	22	+2	70	0	66	55
Tanta	00	8	28	1	0	0	—	9.9	-1.1	27.0	35	+1	20	+1	77	0	107	44
Zagazig	01	6	28	2	1	3	8	9.8	-1.4	28.4	35	0	22	+2	69	0	24	27
Shebîn el Kôm	00	8	30	1	0	0	—	9.1	-1.9	27.2	36	—	22	—	85	0	36	—
MIDDLE EGYPT																		
Cairo: Almaza	01	7	28	1	1	4	6	9.8	-1.0	27.0	36	—	24	—	66	0	10	—
Cairo: Ezbekîya	05	6	32	1	1	5	8	10.2	-0.6	27.1	36	+2	24	+3	64	0	22	26
Cairo: Gîza	05	6	28	1	1	4	8	10.2	-0.6	27.0	35	+1	22	+3	68	0	41	27
Helwân	01	7	00	0	1	4	6	10.0	-0.6	25.5	35	+1	23	+2	69	0	20	29
Suez	00	9	30	1	0	0	—	9.8	0.0	28.4	38	+2	25	+2	54	0	—	17
UPPER EGYPT																		
Faiyûm	01	8	02	2	1	4	8	11.4	+0.7	26.2	37	+1	22	+1	67	0	13	8
Minya	01	8	32	3	1	4	8	10.3	+0.4	27.2	38	+3	22	+1	67	0	do	—
Asyût	00	7	28	1	0	0	—	10.0	+0.4	27.1	38	+2	24	+2	66	0	0	4
Nag Hamâdi	00	8	00	0	0	0	—	9.2	+0.6	32.6	38	—	20	—	42	0	1	—
Qena																	13	—
Luxor	00	7	24	2	0	0	—	8.3	+0.2	33.0	42	+1	22	+	16	0	0	—
Aswân	00	9	30	3	0	0	—	8.9	+0.5	32.0	42	+1	27	+1	15	0	do	
WESTERN DESERT																		
Sîwa	00	7	00	0	0	0	—	12.0	-0.1	27.0	40	+1	21	+1	79	0	5	8
Baharîya	00	9	32	1	0	0	—	12.0	+2.5	29.0	37	+1	21	+1	52	0	0	7
Khârga	00	9	32	1	0	0	—	7.4	+0.1	35.1	40	+1	20	-2	19	0	1	—
Dâkhla	00	8	28	2	0	0	—	11.2	+0.8	30.0	40	+2	21	-2	36	0	0	—
RED SEA																		
Tôr	00	7	28	3	0	0	—	6.7	-0.5	31.1	36	+2	26	+2	72	0	0	13
Hurghâda	00	8	30	3	0	0	—			30.6	37	+2	25	0	57	0	1	3
Quseir	00	8	32	2	0	0	—	5.9	-1.4	34.0	36	+2	27	0	42	0	11	4
Port Sûdân	01	9	00	0	1	3	—	5		36					35	0	62	105
NORTH SÛDÂN																		
Wâdi Halfa	00	8	02	1	0	0	—	9		28					27	0	tr	—
Kareima	00	7	30	3	0	2	4	8		31					41	0	19	22
'Atbara	00	8	24	1	0	3	1	8		30					55	0	72	57
Khartûm	00	8	24	3	1	2	4	10		31					21	0	179	130
Kassala	01	8	16	3	0	4	8,4	10		25					84	0	322	245
CENTRAL SÛDÂN																		
Wad Medani	02	9	18	2	1	6	3	12		26					84	0	362	310
Renk												—		—		—		399
Roseires	02	8	10	1	0	7	8,4	14?		24					84	0	598	603
El Obeid	01	9	24	3	1	5	4	11		24					84	0	369	266
El Fâsher								—	—									249
Geneina								—	—			—		—		R		444
Kadugli	03	8	06	2	2	8	8	13		22		—		—	94	—		583
S. SÛDÂN																		
Malakâl	01	8	26	2	1	5	4	12		26					84	0	806	655
Wâu	03	8	00	0	6	8	4	14		22					88	13	952	897
Juba																		829

Upper Winds on 24th (الرياح العليا يوم ٢٤)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh 13h. m.	Mariut 13h. m.	Port Sa'îd 12h. 30m.	Almâza h. m.	Minya 12h. 45m.	Luxor h. m.	Hurghâda h. m.	Wâdi Halfa 13h. 15m.	Kareima h. m.	Khartûm h. m.	Kassala 12h. 45m.	El Obeid 13h. m.	Malakal h. m.	Juba h. m.
03 31 50	03 30 45	03 31 15		03 35 15			09 33 20	09 31 10		09 24 10	09 17 20		
06 32 55	06 24 2?	06 29 15		06 32 15			15 29 30	15 30 15		15 23 05	15 16 20		
09 32 55	09 28 20	09 28 20		09 32 20			21 29 40	21 29 30		21 20 05	21 14 20		
15 34 35	15 28 30	12 25 05		15 30 30			27 29 35	27 28 30		27 31 05	27 13 15		
21 33 50	21 30 30	21 33 20		21 26 15				33 27 30		33 02 05	30 12 05		
		30 33 20		24 33 20				39 25 45					
				30 34 20									
				45 27 25									
				51 27 20									

Upper Winds on 25th (الرياح العليا يوم ٢٥)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh h. m.	Mariut 7h. 30m.	Port Sa'îd 6h. 30m.	Helwân 8h. 36m.	Minya h. m.	Asyût 7h. m.	Luxor 6h. 30m.	Aswân 7h. m.	Wâdi Halfa 7h. 15m.	Abu Hamad 7h. m.	Kareima 7h. m.	Khartûm 7h. m.
	03 31 25	03 27 25	02 35 15		02 32 15	03 34 10	02 36 20	09 02 35	09 35 30	09 02 15	09 24 30
	06 31 20	06 27 20	05 30 15		05 35 10	06 33 15	05 35 25	15 01 30	15 32 30	15 36 20	15 25 20
	09 35 20	09 31 20	08 32 10		10 34 20	09 31 30	10 36 25	21 33 30	21 28 30	21 35 25	21 33 15
	15 31 20	15 29 10	09 29 15			15 35 35	15 36 25	27 33 30	27 27 30	27 32 15	24 35 15
	18 36 20	21 30 25	Eat Cu			21 36 30	20 30 20	33 30 30	33 25 30	33 31 10	30 04 25
		30 29 10				30 34 20	25 35 15		39 22 25	39 31 05	
		45 01 05									

Kassala 6h. 45m.	Port Sûdân h. m.	El Obeid 7h. 30m.	El Fâsher h. m.	Geneina h. m.	Malakal 7h. m.
09 20 35		09 23 25			09 29 30
15 26 20		15 20 20			15 28 15
21 24 20		21 19 15			21 26 10
27 31 25		27 09 35			27 25 15
33 02 20		33 05 40			33 19 05
39 32 05					39 25 05

Upper Air Temp. Almâza at 5 30 GMT on 25th

Height feet	P.P.P mb.	TT	
Surface	1000	80	75
500	983	74.5	68
1000	964	72	67
1500	947	67	64
2000	930	73	49
4000	864	65.5	49
6000	801	56	41
8000	743	47	33
10000	688	41	27
12000	636	35	26
14000	588	30	23
16000	542	24	19

Cyprus Synoptic 8h. on 25th

34800 00990 16200 06162 00801

34700 00990 20100 06292 20102 00190

Remarks

Hours are Egyptian standard time long 30 E and are two hours fast on Greenwich mean time.

Discharges at Aswân measured by sluices m³ per sec.	Date	1946	1945
	25-8	10997	8055
	24-8	11117	8055

Mean of day

Station	Humidity % 24th	Diff from normal	Wet Bulb Temp 24th	Diff from normal
[illegible]	67	-5	23.7	+0.8
[illegible]	58	-4	23.7	+1.1
Gîza	64	0	23.8	+1.7
Helwân	59	+7	21.6	+1.0

Gîza — Grass minimum temp. on 25th: 19.6 °C

Cairo — Water temp. river Nile at 8h. on 25th: 28.7 °C

Gauges

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Juba	25-8-46			14.84	+1.07
Nâsser				10.16	+0.23
Malakâl		12.38	+0.50	12.34	+0.47
J. Aulia Res.				376.64	
J. Aulia D.S				376.57	+1.31
Roseires		21.50	+2.26	22.68	+3.42
Sennar Res.		17.14		17.10	
Khartûm		16.96	+1.33	16.89	+1.28
Kh. el Girba		15.60	+1.23	15.80	+1.48
'Atbara		16.42	+1.34	16.36	+1.32
Kajnarti		144.02	+2.69	143.90	2.63
Aswân Res.		106.04		105.20	
Aswân D.S		93.30	+1.44	93.30	+1.50
Roda (Cairo)		20.05	+1.83	19.98	+1.84

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	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 Amount (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	
9 Tenths	
Over 9 Tenths	
Overcast	
Fog or Dust	

Wind Force (F)

	M.P.H.	Force
Calm	0-1	0
Almost calm	2-6	
Very light	7-12	2
Light	13-18	3
[illegible]		
[illegible]		
[illegible]		
Very strong		
Gale	50-60	8
Strong gale	66-77	
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.

Cloud Form (C)

[illegible]	
[illegible]	
Cirro[illegible]	
Alto-cumulus	
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey of Egypt, 1945 (45/306)

ANNUAL SUBSCRIPTION P.T. 150

Time of Sunrise 05 28 h. m.
Sunset 18 25

Month *August* 1946

DAILY WEATHER REPORT

شهر أغسطس ١٩٤٦

At 14h. on *Sunday 25th* (الساعة ١٤ يوم ٢٥) — At 20h. on *25th* (الساعة ٢٠ يوم الأحد ٢٥)

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
Mediterranean																							
Salûm																							130
Matrûh	00	9	28	3	0	0	–	10.6	29.0	80	0	00	8	28	2	0	0	–	11.5	27.2	84	0	131
Mariut	01	7	28	4	0	4	6	9	30	66	0	00	7	29	1	0	3	6	9	26	74	0	150
Alexandria	01	9	30	4	2	4	8	9.2	30.0	53	0	01	5	28	2	2	4	4	10.2	26.0	69	0	132
Damietta	00	8	28	3	1	2	8	8.6	28.8	59	0	00	8	28	3	1	2	8	8.3	26.0	73	0	159
Port Sa'îd	00	8	30	3	0	3	3	8.4	31.6	56	0	01	8	26	4	1	3	4	8.7	26.6	73	0	134
El 'Arîsh	00	9	30	4	0	0	–	7.9	29.3	70	0	01	9	28	2	0	5		8.6	27.6	72	0	135
Lower Egypt																							
Damanhûr	00	7	04	4	1	3	8	8.7	30.6	58	0	01	7	04	3	1	3	8	9.5	24.6	82	0	136
Mansûra	00	8	28	2	0	0	–	8.6	33.5	44	0	00	6	04	2	0	0	–	9.5	25.8	72	0	137
Tanta	00	8	20	1	0	0	–	9.0	33.4	41	0	00	8	28	1	0	0	–	9.3	24.8	80	0	138
Zagazig	00	6	24	1	0	0	–	9.0	32.6	47	0	00	6	24	2	0	0	–	9.2	26.0	69	0	139
Shebîn el Kôm	00	8	30	3	0	0	–	8.0	35.4	31	0	00	7	30	2	0	0	–	9.1	28.2	65	0	—
Middle Egypt																							
Cairo Almâza	00	8	30	2	0	0	–	8.2	32.7	36	0	00	7	32	2	0	0	–	9.2	28.5	57	0	141
Cairo Ezbekîya	00	8	02	3	0	0	–	9.0	32.6	45	0	00	7	28	3	0	0	–	9.4	27.5	61	0	—
Cairo Gîza	00	7	02	2	0	0	–	8.6	32.1	45	0	00	7	30	1	0	0	–	9.4	28.3	63	0	—
Helwân	00	7	28	3	0	0	–	8.2	32.5	35	0	00	7	32	4	0	0	–	9.0	29.0	55	0	143
Suez	00	9	02	2	0	0	–	7.9	34.0	35	0	00	9	02	1	0	0	–	9.5	29.0	58	0	144
Upper Egypt																							
Faiyûm	00	8	30	2	0	0	–	7.8	33.7	36	0	00	8	32	2	0	0	–	9.0	29.1	51	0	153
Minya	00	9	32	4	0	0	–	7.6	35.8	32	0	00	8	32	2	0	0	–	7.9	30.8	46	0	154
Asyût	00	8	23	2	0	0	–	8.3	34.1	25	0	00	6	30	1	0	0	–	8.0	30.9	43	0	155
Nag' Hamâdi	00	8	00	0	0	0	–	6.8	36.3	39	0	00	8	24	1	0	0	–	6.4	30.0	45	0	164
Qena	00	9	34	2	0	0	–	5.4	40.0	22	0	00	6	29	2	0	0	–	5.5	34.4	29	0	156
Luxor	00	7	30	2	0	0	–	6.3	39.0	24	0	00	6	28	3	0	0	–	6.2	33.0	16	0	157
Aswân	00	9	30	3	0	0	–	5.1	39.3	06	0	00	9	30	2	0	0	–	5.8	35.0	15	0	158
Western Desert																							
Sîwa	00	8	28	2	0	0	–	12.3	37.0	39	0	00		00	0	0	0	–	11.6	33.8	57	0	148
Baharîya	00	9	00	0	0	0	–	–	38.3	33	0												149
Khârga	00	9	32	2	0	0	–	9.1	37.6	30	0	00	7	32	2	0	0	–	9.4	35.3	27	0	151
Dakhla	00	9	28	1	0	0	–	8.6	38.5	22	0	00	7	34	2	0	0	–	11.0	29.5	20	0	152
Red Sea																							
Tôr	00	7	28	5	0	0	–	5.9	33.1	66	0	00	7	20	3	0	0	–	–	32.1	52	0	145
Hurghâda												00	8	20	2	0	0	–		31.2	55	0	146
Quseir	00	8	32	3	0	0	–	–	34.0	59	0	00	8	02	2	0	0	–	5.0	30.0	43	0	147
Port Sûdân																							169
North Sûdân																							
Wâdi Halfa	00	8	02	2	0	1	1	6	39	20	0												165
Kareima																							166
'Atbara	01	8	28	1	1	4	1	8	40	16	0												167
Khartûm																							168
Kassala	01	8	18	2	1	4	9,1,4	5	35	47	0												170
Central Sûdân																							
Wad Medani	11	8	18	3	1	7	8	5	34	41	0												171
Renk	01	9	20	3	1	4	8	–	33	63	0												182
Roseires	01	8	16	1	0	4	8	8	31	52	0												172
El Obeid	95	8	14	3	9	7	9,4,1	6	31	55	0												174
El Fâsher	02	9	04	3	1	6	8	–	31	49	0												175
Geneina																							179
Kadugli	01	8	20	3	1	4	9	9	30	52	0												187
S. Sûdân																							
Malakâl																							176
Wâu	02	8	00	0	1	5	4	8	28	62	0												177
Juba	02	8	30	3	1	5	8,1	9	30	66	0												178

At 8h. on *Monday 26th* (الساعة ٨ يوم الإثنين ٢٦)

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Norm. from Oct 1 mms.
Mediterranean																		
Salûm												—		—				100
Matrûh	00	9	28	2	0	0	0	9.9	-1.6	27.9	31	+3	20	-2	77	0	101	161
Mariut	00	7	29	2	0	0	–	9		27	30	—	24	—	70		187	138
Alexandria	01	9	28	2	2	3	4	9.4	-1.9	26.6	31	+1	24	+1	70	0	170	166
Damietta	06	8	20	1	1	2	8	8.4	-1.8	27.1	30	—	21	—	72	0	81	106
Port Sa'îd	01	8	26	2	1	4	9	8.7	-1.0	26.3	32	+1	25	+1	75	0	71	81
El 'Arîsh	00	9	20	2	0	3	3	8.4	-1.8	–	31	+1	23	+2	–	0	–	94
Lower Egypt																		
Damanhûr	00	6	24	3	0	0	–	9.4	-1.4	25.8	32	-1	20	0	79	0	92	101
Mansûra	00	8	18	1	0	0	–	9.2	-1.4	26.8	34	0	20	0	77	0	60	55
Tanta	00	8	28	1	0	0	–	9.6	-1.5	26.0	34	0	19	0	81	0	107	44
Zagazig	02	6	20	1	2	5	8	9.6	-1.7	27.3	35	0	20	+1	77	0	24	27
Shebîn el Kôm	01	8	30	1	1	4	8	9.4	-2.1	28.8	36	—	21	—	66	0	36	—
Middle Egypt																		
Cairo Almaza	05	6	00	0	1	5	6	9.2	-1.7	25.3	34	—	22	—	76	0	10	—
Cairo Ezbekîya	05	6	24	1	1	5	8	9.8	-1.1	27.6	34	0	22	+1	68	0	22	26
Cairo Gîza	05	5	30	2	1	5	6	10.0	-0.9	25.7	33	-1	20	+1	73	0	41	27
Helwân	01	7	32	1	1	3	8	9.6	-1.1	24.7	34	0	21	0	70	0	20	29
Suez	01	9	02	1	1	5		9.8	-0.3	27.4	35	-1	23	0	63	0	–	17
Upper Egypt																		
Faiyûm	01	8	32	2	1	4	8	9.8	-1.0	25.2	35	0	21	0	73	0	13	8
Minya	00	9	32	3	0	0	–	9.5	-0.5	26.4	36	+1	21	0	58	0	dr	—
Asyût	00	8	26	1	0	0	–	9.2	-0.5	26.3	35	-1	22	+1	65	0	0	4
Nag' Hamâdi	00	8	00	0	0	0	–	8.2	-0.5	27.3	37	—	22	—	61	0	1	—
Qena	00	8	22	3	0	0	–	7.5	-0.7	28.0	40	0	24	0	57	0	13	—
Luxor	00	7	28	2	0	0	–	8.2	0.0	33.9	40	~~+1~~	23	~~+1~~	–	0	0	—
Aswân	00	9	30	3	0	0	–	7.4	-0.6	31.0	41	0	26	0	32	0	dr	–
Western Desert																		
Sîwa	00	7	00	0	0	0	–	12.6	-0.8	28.2	39	+2	19	-1	57	0	5	8
Baharîya																	0	7
Khârga	00	9	32	1	0	0	–	8.6	-0.8	29.3	39	0	22	0	54	0	1	—
Dâkhla	00	8	28	2	0	0	–	10.4	-0.1	29.0	39	+1	24	+2	24	0	0	—
Red Sea																		
Tôr	00	7	04	3	0	0	–	6.6	-0.7	29.9	36	+2	23	-1	64	0	0	13
Hurghâda	00	8	20	4	0	0	–			29.4	35	0	22	-3	57	0	1	3
Quseir	00	8	30	3	0	0	–	5.0	-1.9	31.2	36	+2	20	+1	58	0	11	4
Port Sûdân	00	8	20	2	0	3	1	5		36					42	0	62	105
North Sûdân																		
Wâdi Halfa	00	8	02	1	0	0	–	8		29					33	0	tr	—
Kareima																	19	23
'Atbara	02	8	22	4	1	6	2	8		28					66	0	92	59
Khartûm	02	8	18	3	1	6	8	11		26					79	4	183	133
Kassala	02	8	18	3	1	5	4,2	10		26					77	4	326	249
Central Sûdân																		
Wad Medani	02	9	24	3	1	7	1	10		25					79	7	369	314
Renk												—		—		—	202	404
Roseires	01	8	14	1	2	5	8	14		24					84	51	649	610
El Obeid	81	8	12	3	1	8	9	10		23					78	66	435	270
El Fâsher								—	—							12	180	253
Geneina								—	—			—		—			-	452
Kadugli	02	7	28	2	6	7	8	13		22		—		—	94	~~2~~		588
S. Sûdân																		
Malakâl	02	8	00	0	1	6	6,4,8	12		24					94	2	808	661
Wâu																	–	904
Juba																	–	833

Upper Winds on 25th (الرياح العليا يوم ٢٥)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh	Mariut	Port Sa'îd	Almâza	Minya	Luxor	Hurghâda	Wâdi Halfa	Kareima	Khartûm	Kassala	El Obeid	~~Malakal~~	Kassala
h. m.	12 h. 30 m.	13 h. m.	h. m.	h. m.	8 h. 15 m.	h. m.	13 h. 30 m.	h. m.	13 h. m.	h. m.	13 h. m.	18 h. m.	12 h. 45 m.
	06 27 20	03 34 20			06 34 25		09 35 10		09 27 15		09 19 20	09 01 10	09 25 10
	09 21 20	06 31 15			09 33 15		15 33 20		15 30 35		15 17 05	15 04 15	15 28 15
	15 28 25	09 30 25			15 33 15		18 33 20		21 32 25			21 10 10	21 30 10
	18 28 20	15 32 30							24 36 20			27 15 10	27 33 15
		18 32 20							30 01 05			30 13 05	33 36 15
													39 36 10

Upper Winds on 26th (الرياح العليا يوم ٢٦)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh	Mariut	Port Sa'îd	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa	Abu Hamad	Kareima	Khartûm
h. m.	6 h. 30 m.	h. m.	9 h. m.	7 h. 15 m.	7 h. m.	h. m.	7 h. m.	7 h. 15 m.	7 h. 15 m.	h. m.	6 h. m.
	03 27 15	03 19 20	02 24 05	03 35 25	02 33 30		02 35 30	09 01 30	09 35 45		09 22 40
	06 31 15	06 32 15	05 02 05	06 01 35	03 33 20		05 36 30	15 36 40	15 34 30		15 26 25
	09 32 25	09 01 15	08 01 15	09 02 40	10 33 30		10 36 35	21 34 40	21 36 10		21 36 20
	12 34 30	12 33 20	10 36 20	12 01 40			15 33 15	27 02 05	27 23 15		24 02 20
	15 32 30	15 33 25	15 34 25	15 36 40			20 34 05		33 23 15		30 03 20
	21 30 40	18 32 20	20 33 25	18 36 40			25 30 15		39 23 25		37 04 20
	27 36 55	21 34 15	23 33 30	24 35 35			30 30 05				
		27 32 30		27 35 35			35 36 20				
		30 30 15		30 36 50			40 36 20				

Kassala	Port Sûdân	El Obeid	El Fâsher	Geneina	Malakal
6 h. 45 m.	h. m.	7 h. m.	h. m.	h. m.	h. m.
09 20 25		09 18 30			
15 22 35		15 17 30			
21 24 20		21 21 30			
27 26 15		27 24 10			
33 32 15					
39 36 20					

Upper Air Temp. Almâza at 6 G.M.T. on 26th

Height feet	P P P m.b.	T T °F		
Surface	1000	75	71
500	982	72	68
1000	964	70	67
1500	947	67	65
2000	930	67	61
4000	864	70	48
6000	801	64	44
8000	743	57	27
10000	688	50	32
12000	636	44	29
14000	587	38	27
16000	542	31	24

Cyprus Synoptic 8h. on 26th

34710 00862 08202 05282 10101 00210
34650 00862 00002 06261 70300 00210

Remarks

Hours are Egyptian standard time, long. 30° E and are two hours fast on Greenwich mean time

Station	Mean of day Humidity % on 25th	Diff. from normal	Wet Bulb Temp. °C on 25th	Diff. from normal
Alexandria	64	-7	22.7	-0.2
Ezbekiya	58	-4	22.7	+0.1
Gîza	61	-3	23.1	+1.1
Helwân	59	+7	21.9	+1.3

Gîza — Grass minimum temp. on 26th 18.0 °C

Cairo — Water temp. River Nile at 9h. on 26th 28.5 °C

Discharges at Aswân measured by sluices m³ per sec.	Date	1946	1945
	26-8	11250	7873
	25-8	10997	8055

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	26-8-46				
Nâsser					
Malakâl				12.38	+0.50
J. Aulia Res.					
J. Aulia D.S					
Roseires		21.60	+2.39	21.50	+2.26
Sennar Res.				17.14	–
Khartûm		17.00	+1.36	16.96	+1.33
Kh. el Girba				15.60	+1.23
'Atbara		16.42	+1.31	16.42	+1.34
Kajnarti		144.06	+2.67	144.02	+2.69
Aswân Res.		106.58	–	106.04	–
Aswân D.S		93.40	+1.49	93.30	+1.44
Roda (Cairo)		20.11	+1.81	20.05	+1.83

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	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 Amount (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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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ANNUAL SUBSCRIPTION P.T. 150

Sunset 8 34 — Month *August* 1946

DAILY WEATHER REPORT

شهر اغسطس ١٩٤٦

At 14h. on 26th (الساعة ١٤ يوم ٢٦) and At 20h. on 26th

Station	14h Present weather	14h Visibility	14h Wind Dir.	14h Wind Force	14h Past weather	14h Cloud Amount	14h Cloud Form	14h Bar press M.S.L. 1000+ mbs.	14h Temp. °C	14h % Humidity	Rain 8-14 mms	20h Present weather	20h Visibility	20h Wind Dir.	20h Wind Force	20h Past weather	20h Cloud Amount	20h Cloud Form	20h Bar press M.S.L. 1000+ mbs.	20h Temp. °C	20h % Humidity	Rain 14-20 mms	Station number
Salûm																							130
Matrûh	00	9	32	2	0	0	—	10.4	29.8	78	0	00	8	10	2	0	0	—	10.2	27.1	72	0	131
Mariut	00	7	28	3	0	0	—	9.3	30	66	0	00	7	28	2	0	0	—	10	26	84	0	150
Alexandria	00	9	28	3	0	0	—	11.1	30.0	61	0	00	7	32	2	0	0	—	10.1	27.0	69	0	132
Damietta	00	8	30	3	1	2	8	8.3	29.0	58	0	00	7	26	2	1	0	—	8.6	26.0	73	0	139
Port Saîd	00	8	30	3	0	2	2	8.7	30.0	57	0	00	8	28	4	0	0	—	9.0	26.9	65	0	134
El Arîsh	00	9	28	4	0	0	—	8.0	29.4	65	0	00	9	28	1	0	0	—	8.8	27.1	66	0	135
Damanhûr	00	6	24	3	0	0	—	8.7	32.0	37	0	00	7	32	3	0	0	—	7.2	24.6	72	0	6
Mansura	00	8	30	2	0	0	—	8.6	33.8	35	0	00	6	04	1	0	0	—	9.9	26.4	68	0	17
Tanta	00	8	29	1	0	0	—	9.2	33.0	44	0	00	8	28	1	0	0	—	10.8	24.7	64	0	13
Zagazig	00	6	24	2	0	0	—	8.8	32.4	46	0	00	6	24	2	0	0	—	10.2	25.0	68	0	9
Shebin el Kôm	00	8	30	2	0	0	—	9.0	34.9	43	0	00	7	02	2	0	0	—	9.4	27.8	60	0	
Almaza	00	8	32	2	0	0	—	8.4	32.1	36	0	00	8	02	2	0	0	—	9.3	28.8	47	0	
Ezbekiya	00	8	30	2	0	0	—	7.2	32.2	38	0	00		30	2	0	0	—	7.4	29.2	40	0	
Gîza	00	8	02	2	0	0	—	7.4	32.1	38	0	00	8	32	1	0	0	—	10.0	27.2	54	0	
Helwân	00	7	28	4	0	0	—	8.0	32.4	27	0	00	7	32	4	0	0	—	9.6	29.1	37	0	43
Suez	00	9	02	1	0	0	—	8.3	32.4	30	0	00	9	02	1	0	0	—	9.5	27.6	58	0	44
Faiyûm	00	8	30	2	0	0	—	8.2	33.8	35	0	00	8	30	1	0	0	—	9.4	29.1	42	0	53
Minya	00	9	32	4	0	0	—	8.0	35.3	30	0	00	8	32	3	0	0	—	8.8	30.3	30	0	4
Asyût	00	8	28	2	0	0	—	7.8	34.0	27	0	00	6	26	1	0	0	—	7.6	31.6	25	0	55
Nag Hamâdi	00	8	—	—	—	—	—	6.2	35.0	36	0	00	8	24	1	0	0	—	6.4	29.4	36	0	84
Qena												00	6	29	1	0	0	—	6.2	30.6	40	0	56
Luxor	00	7	26	2	0	0	—	5.8	38.0	23	0	00	6	28	2	0	0	—	6.4	30.6	—	0	57
Aswân	00	9	30	2	0	0	—	5.0	37.8	15	0	00	9	00	0	0	0	—	6.0	35.0	15	0	58
Sîwa	00	8	00	0	0	0	—	11.2	40.3	37	0	00	—	00	0	0	0	—	10.7	33.0	50	0	148
Baharîya												00	—	32	1	0	0	—	10.9	28.0	57	0	149
Khârga	00	9	32	2	0	0	—	7.6	36.0	27	0	00	9	32	1	0	0	—	8.0	29.2	30	0	151
Dâkhla	00	9	28	2	0	0	—	8.6	38.0	21	0	00	7	28	2	0	0	—	10.8	28.0	37	0	152
Tôr	00	7	28	5	0	0	—	7.0	32.1	64	0	00	7	04	4	0	0	—	4.3	36.8	54	0	145
Hurghâda	00	8	02	3	0	0	—		32.7	40	0	00	8	28	3	0	0	—		34.2	41	0	146
Quseir	00	8	32	2	0	0	—	5.2	33.0	63	0	00	8	32	2	0	0	—	5.6	30.2	49	0	147
Port Sûdân	00	8	06	4	0	1	8	3	35	74													169
Wâdi Halfa	00	8	32	2	0	1	1	6	40	—													165
Kareima	00	8	32	2	1	3	1	5	40	11													166
Atbara	03	8	29	2	1	8	2	4	37	13													167
Khartûm	02	8	18	3	2	6	8	2	34	41													168
Kassala	01	8	18	2	1	3	B4	6	32	55													170
Wad Medani	01	8	22	3	1	3	2	7	31	52													171
Renk	01	9	26	3	1	5	8	—	29	66													182
Roseires	01	8	24	2	1	4	2	10	30	59													172
El Obeid	03	9	26	2	1	8	4	9	26	70													174
El Fâsher	02	9	16	3	1	5	B4		27	66													175
Geneina																							179
Kadugli	02	8	20	3	1	6	9	10	27	77													187
Malakal	02	8	20	1	1	6	B4	9	29	70													176
Wâu																							177
Juba																							178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Upper Winds on 26th

Matrûh 13h.30m.	Mariut	Port Saîd	Almâza	Minya	Luxor	Hurghâda	Wâdi Halfa 12h.55m.	Kareima 13h.30m.	Khartûm 12h.30m.	Kassala 13h.	El Obeid 13h.	Malakal 11h.	Juba
03 33 25							09 21 25	09 24 25	09 26 30	09 31 25	09 29 20	09 29 05	
06 31 30							15 30 15	15 27 05	15 27 20	15 34 10	15 20 20	15 24 15	
09 32 30							21 31 15	21 28 10	21 29 20	21 34 05	21 15 20	21 29 15	
15 32 40							27 30 20	27 [illegible] 15	24 24 15	27 26 20		27 23 20	
20 33 40							33 31 15	33 32 15	30 31 15			33 22 20	
27 33 50												39 22 15	
30 34 55													

At 8h. on *Tuesday 27th* (الساعة ٨ يوم الثلاثاء ٢٧)

Station	Present weather	Visibility	Wind Dir.	Wind Force	Past weather	Cloud Amount	Cloud Form	Bar pressure M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm °C	Min. Today °C	Min. Diff. from norm °C	% Humidity	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Salûm											—		—					100
Matrûh	00	9	28	2	0	0	—	8.1	-2.8	25.4	—	—	20	-2	71	0	101	161
Mariut	00	7	24	3	0	0	—	8		30	31	—	21	—	65	0	117	138
Alexandria	00	9	26	3	0	0	—	7.0	-2.4	28.9	31	+1	23	0	61	0	170	186
Damietta	00	7	20	3	0	0	—	8.6	-1.7	26.5	30	—	20	—	73	0	61	106
Port Saîd	00	8	30	6	0	0	—	8.7	-1.1	27.3	32	+1	23	-1	66	0	71	81
El Arîsh	00	9	14	2	0	0	—			29.5	31	+1	21	+1	50	0	—	94
Damanhûr	00	6	29	3	0	0	—	9.0	-1.9	25.8	32	-1	21	+1	70	0	92	101
Mansura	00	8	29	1	0	0	—	9.2	-1.5	27.5	35	+1	20	0	68	0	66	55
Tanta	00	8	20	1	0	0	—	9.1	-2.1	26.8	33	-1	21	+2	70	0	107	44
Zagazig	00	6	16	2	0	0	—	9.1	-2.3	27.6	34	-1	21	+2	66	0	24	27
Shebin el Kôm	00	7	22	2	0	0	—	6.8	-2.4	29.9	35	—	21	—	52	0	36	
Almaza	00	7	20	1	0	0	—	8.6	-2.4	30.3	34	—	22	—	22	0	10	
Ezbekîya	05	6	14	3	0	0	—	7.8	-1.2	27.2	34	0	22	+1	47	0	22	26
Gîza	00	7	00	0	0	0	—	7.1	-1.9	26.0	33	-1	18	-1	55	0	41	27
Helwân	00	7	00	0	0	0	—	9.4	-1.4	26.3	33	-1	22	+1	38	0	20	29
Suez	00	9	10	1	0	0	—	—	—	30.4					44	0	—	17
Faiyûm	00	8	00	0	0	0	—	9.5	-1.4	27.2	35	0	20	-1	58	0	13	8
Minya	00	8	16	1	0	0	—	9.6	-0.5	28.9	35	0	19	-2	48	0	4	
Asyût	00	7	32	1	0	0	—	9.8	0.0	27.5	35	-1	21	-1	52	0	0	4
Nag Hamâdi	00	8	00	0	0	0	—	8.7	-0.1	27.3	36	—	20	—	50	0	1	
Qena	00	8	22	2	0	0	—	8.0	-0.3	29.0	40	0	23	-1	42	0	12	
Luxor																	0	
Aswân	00	9	32	1	0	0	—	7.9	-0.1	29.5	40	-1	25	-1	28	0	4	
Sîwa	00	7	00	0	0	0	—	11.4	-1.5	28.2	42	+5	20	0	57	0	5	8
Baharîya	00	9	00	0	0	0	—	11.4	0.3	30.0	37	+1	20	0	47	0	0	7
Khârga	00	7	32	3	0	0	—	10.0	+0.5	29.6	37	-2	24	+2	45	0	1	—
Dâkhla	00	8	28	1	0	0	—	11.0	+0.4	28.0	38	0	23	+1	30	0	0	—
Tôr	00	7	28	4	0	0	—	6.3	-1.1	28.9	35	+1	27	+3	65	0	0	13
Hurghâda	00	8	28	4	0	0	—			30.6	36	+1	—	—	48	0	1	3
Quseir	00	8	32	3	0	0	—	6.8	-0.6	31.3	36	+2	27	0	54	0	11	4
Port Sûdân	00	8	00	0	0	0	—	6		33					58	0	62	105
Wâdi Halfa	00	8	02	1	0	1	1	9		38					31	0	6	—
Kareima																	19	23
Atbara	00	8	20	1	0	0	—	8		29					62	0	92	60
Khartûm																	183	136
Kassala	00	8	18	3	1	3	6.4	11		25					77	0	326	252
Wad Medani	01	6	16	4	1	3	3	11		25					77	0	369	317
Renk	02	8	18	3	2	7	4	—		23	—		—		94	—		408
Roseires	03	8	14	2	2	8	7.5	14		22					74	17	666	617
El Obeid	02	8	20	3	1	6	9	11		29					89	0	435	274
El Fâsher	02	9	18	1	1	7	9	—	—	29					94	0	180	258
Geneina								—	—		—		—					460
Kadugli	01	8	24	2	1	4	9	12		27	—		—		89	—		572
Malakâl	20	8	00	0	5	7	6.4	13		26					84	[illegible]	808	667
Wâu																		910
Juba	01	8	12	2	1	5	6.4	14		29					89	0	1027	837

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Upper Winds on 27th (الرياح العليا يوم ٢٧)

Matrûh 7h.	Mariut	Port Saîd	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa 7h.30m.	Abu Hamad 7h.	Kareima	Khartûm
03 27 35								09 36 30	09 36 15		
06 27 35								15 30 15	15 37 05		
09 29 35								21 06 15	21 36 30		
12 30 30								27 02 30	27 34 40		
18 28 30								33 08 10	33 23 30		
24 28 30											

Kassala 7h.	Port Sûdân	El Obeid 7h.	El Fâsher	Geneina	Malakal
09 19 40		09 20 20			
15 01 25		15 11 05			
21 31 25		21 06 15			
27 35 20		27 05 20			
33 03 20		33 09 15			

Upper Air Temp. Almâza at 5 45 G.M.T. on 27th

Height feet	P.P.P. mb.	T.T.	
Surface	999.7	79	62
500	982	82	58
1000	964	82	60
1500	947	83	60
2000	930	82	60
4000	864	75	54
6000	801	67	50.5
8000	743	58	42
10000	688	47	36
12000	636	41	31
14000	588	35	27
15000	542	29	24

Cyprus Synoptic Rn. on 27th

34700	00990	22300	05291	66XXA	00210
34650	05758	28302	05271	80401	[illegible]

Remarks

Hours are Egyptian standard time long. 30° E and are two hours fast on Greenwich mean time.

Station	Mean of day: Humidity % on 26th	Diff from normal	Wet bulb temp on 26th	Diff from normal
Alexandria	57	-14	23.4	+0.6
Ezbekîya	49	-13	21.7	-0.7
Giza	59	-5	21.7	-0.3
Helwân	51	-1	20.2	-0.4

Grass minimum temp. on 27th: 16.9 °C

Water temp. River Nile on 27th: 28.5 °C

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	27-8-46	14.36	+0.58	14.38	+0.60
Nâsser				10.19	+0.23
Malakâl		12.45	+0.55	12.42	+0.53
J. Aulia Res.				376.39	
J. Aulia D.S.				376.36	+1.46
Roseires		21.90	+3.75	21.60	+2.39
Sennar Res.		17.23		17.04	
Khartûm		17.02	+1.36	17.00	+1.36
Kh. el Girba		15.60	+1.22	16.00	+1.61
Atbara		16.52	+1.39	16.42	+1.31
Kajnarti		144.07	+2.66	144.06	+2.67
Aswân Res.		107.30		106.58	
Aswân D.S.		93.40	+1.40	93.40	+1.49
Roda (Cairo)		20.16	+1.80	20.11	+1.81

Discharges at Aswan measured by sluices m³ per sec	Date	1946	1945
	27-8	11221	7325
	26-8	11250	7873

PRESENT WEATHER ww: Clear 00; Partly cloudy 01; Cloudy 02; Overcast 03; Low Fog 04; Thin Haze 05; Dust Devils 06; Distant Lightning 07; ... Rain ... ; Thunder ... ; ... 72+1 ...

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 AMOUNT (N): Clear 0; Trace 1; ... Tenth 2; 2, 3 Tenths 3; 4 ... 4; ... 5; ... Tenths 6; ... 7; Overcast 8; Fog or dust 9

CLOUD FORM (C): Cirrus 1; Cirrocumulus 2; Cirrostratus 3; Altocumulus 4; ... Stratus 0

WIND FORCE (F): Calm 0-1 0; Almost calm 1-6 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 66-7.. 9 ...

WIND DIRECTION: ... on Scale ... 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Printed by the Survey of Egypt, 1945.(45/306)

ANNUAL SUBSCRIPTION P.T. 150

PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

Sunset h. m. 18 23 Month August 1946 شهر اغسطس ١٩٤٦

At 14h. on 27th (الساعة ١٤ يوم ٢٧) and at 20h. on 27th (الساعة ٢٠ يوم ٢٧)

Station	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar Press M.S.L. 1000+ mbs. PPP	14h Temp. °C TTT	14h % Humidity UU	Rain 8-14h mms	20h Present Weather ww	20h Visibility V	20h Wind Dir. DD	20h Wind Force F	20h Past Weather W	20h Cloud Amount N	20h Cloud Form C	20h Bar Press M.S.L. 1000+ mbs. PPP	20h Temp. °C TTT	20h % Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	8	28	2	0	0	—	9.2	26.0	72	0	00	8	24	1	0	0	—	9.5	26.5	85	0	131
MARIUT	00	7	26	4	0	0	—	9	31	66	0	00	7	27	2	0	0	—	8	26		0	150
ALEXANDRIA	00	9	28	2	0	0	—	8.7	30.6	66	0	01	5	32	2	1	4	4	8.0	26.2	64	0	132
DAMIETTA	00	8	28	3	0	0	—	8.2	32.9	42	0	01	7	28	3	1	3	8	7.8	27.0	83	0	159
PORT SA'ÎD	00	8	30	3	0	0	—	8.3	34.4	46	0	00	8	30	3	0	0	—	7.6	27.9	81	0	134
EL 'ARÎSH	00	9	28	3	0	0	—	8.7	31.2	49	0	00	9	00	0	0	0	—	7.4	26.9	68	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	24	4	0	0	—	8.6	35.0	40	0	00	7	28	3	0	0	—	8.8	26.3	76	0	136
MANSÛRA	00	8	20	1	0	0	—	8.3	35.8	37	0	00	6	04	1	0	0	—	8.4	27.5	68	0	137
TANTA	00	8	24	1	0	0	—	8.3	35.4	40	0	00	8	20	1	0	0	—	8.4	26.5	80	0	138
ZAGAZIG	00	6	24	2	0	0	—	9.0	35.0	37	0	00	6	28	2	0	0	—	9.0	27.0	77	0	139
SHEBÎN EL KÔM	00	8	30	2	0	0	—	8.0	35.4	31	0	00	7	02	2	0	0	—	8.7	27.6	67	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	28	2	0	0	—	7.6	37.3	24	0	05	6	01	1	0	0	—	8.0	30.9	49	0	141
CAIRO EZBEKÎYA	00	8	26	3	0	0	—	7.6	37.8	20	0	00	7	30	2	0	0	—	7.6	29.2	54	0	—
CAIRO GÎZA	00	8	04	1	0	0	—	8.6	37.8	24	0	00	7	00	0	0	0	—	7.8	31.5	46	0	—
HELWÂN	00	8	28	4	0	0	—	—	37.6	13	0	00	7	32	1	0	0	—	7.8	31.9	30	0	143
SUEZ	00	9	16	1	0	0	—	8.2	36.0	33	0	00	9	32	1	0	0	—	7.1	32.0	33	0	144
UPPER EGYPT																							
FAIYÛM	00	8	00	0	0	0	—	7.6	37.5	19	0	00	8	00	0	0	0	—	7.5	30.0	36	0	153
MINYA	00	9	06	2	0	0	—	7.4	36.7	18	0	00	8	30	1	0	0	—	7.4	29.0	56	0	154
ASYÛT	00	8	26	1	0	0	—	7.0	37.7	21	0	00	6	28	1	0	0	—	7.9	32.0	24?	0	155
NAG HAMÂDI	00	8	00	0	0	0	—	6.4	38.9	26	0	00	8	00	0	0	0	—	5.4	33.1	30	0	164
QENA	00	6	24	1	0	0	—	—	38.4	34	0	00	6	04	2	0	0	—	6.2	36.6	16	0	156
LUXOR	00	7	28	1	0	0	—	6.5	40.0	—	0	00	6	28	2	0	0	—	5.9	30.0	21	0	157
ASWÂN	00	9	22	2	0	0	—	4.4	39.2	13	0	00	9	00	0	0	0	—	4.4	36.0	17	0	158
WESTERN DESERT																							
SÎWA	00	8	28	4	0	0	—	10.4			0	00		00	0	0	0	—	9.2	37.0	58	0	148
BAHARÎYA																							149
KHÂRGA	00	9	32	4	0	0	—	7.0	40.0	16	0	00		32	3	0	0	—	7.4	33.8	33	0	151
DAKHLA	00	9	28	1	0	0	—	7.9	37.0	21	0	00	7	28	1	0	0	—	9.5	28.3	29	0	152
RED SEA																							
TÔR	00	7	28	5	0	0	—	6.2	30.9	61	0												145
HURGHÂDA	00	8	04	3	0	0	—		32.5	46	0	00	8	28	3	0	0	—		29.7	50	0	146
QUSEIR	00	8	32	2	0	0	—	6.7	34.0	58	0	00	8	32	2	0	0	—	5.8	31.4	49	0	147
PORT SÛDÂN	00	9	04	4	0	1	8	4	35	53													268
NORTH SÛDÂN																							
WÂDI HALFA	00	8	02	3	0	0	—	4	38	29													165
KAREIMA																							166
'ATBARA	02	8	20	2	0	6	2	4	38	17													167
KHARTÛM	01	8	22	3	1	3	8	6	35	35													268
KASSALA	01	8	18	2	1	4	8	6	33	53													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	20	3	1	4	8	6	34	44													171
RENK	01	9	18	3	1	4	4	—	32	52													182
ROSEIRES	01	8	18	1	2	5	8	8	—	—													172
EL OBEID	01	8	20	2	1	5	4,8	8	27	74													174
EL FÂSHER								—															175
GENEINA	01	8	22	2	4	4	8	—	29	62													179
KADUGLI	01	8	20	3	1	4	7	9	31	55													187
S. SÛDÂN																							
MALAKÂL	01	8	00	0	1	4	8,4	8	31	66													176
WÂU	93	7	00	0	6	8	5,9	10	23	89													177
JUBA	02	8	08	3	1	8	4,9	9	27	70													178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 27th (الرياح العليا يوم ٢٧)

MATRÛH 14h. 30m.	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA 13h. 15m.	KAREIMA	KHARTÛM	KASSALA 13h.	EL OBEID	MALAKAL 13h. 15m.	JUBA 13h.
03 33 40							09 01 15			09 20 20		09 25 10	09 13 10
06 30 50							15 01 20			15 23 15		15 24 05	15 10 10
09 30 45							21 04 15			21 23 20		21 28 15	21 10 05
15 30 45							27 35 20			27 25 20		27 28 10	27 10 05
21 31 55							33 35 10			33 31 30		30 29 15	33 33 05
27 31 40							39 36 10						39 29 10

REMARKS

Hours are Egyptian standard time long 30 E and are two hours fast on Greenwich mean time

Station	Mean Humidity % on 27th	Diff. from normal	Mean Temp. on 27th	Diff. from normal
Alexandria	70	-1	24.3	+1.5
Ezbekiya	45	-17	21.5	-1.0
Giza	45	-19	22.0	0.0
Halwân	31	-21	19.2	-1.3

GÎZA — GRASS MINIMUM TEMP. ON 28th 19.0°

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON 28th 28.7 °C

Discharges at Aswân measured by sluices m.³ per sec.	1946	1945
Date 28-8	11221	6996
Date 27-8	11221	7325

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	28-8-46			14.36	+0.58
Nâsser					
Malakâl				12.45	+0.55
J. Aulia Res.					
J. Aulia D.S					
Roseires		21.60	+2.44	21.90	+2.72
Sennar Res.				17.23	
Khartûm		17.04	+1.37	17.02	+1.36
Kh. el Girba				15.60	+1.22
'Atbara		16.52	+1.37	16.52	+1.39
Kajnarti		144.12	+2.63	144.07	+2.66
Aswân Res.		108.08		107.30	
Aswân D.S		93.40	+1.40	93.40	+1.45
Roda (Cairo)		20.23	+1.82	20.16	+1.80

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on Wednesday 28th (الساعة ٨ يوم الاربعاء ٢٨)

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total From Oct. 1 mms.	Norm. From Oct. 1 mms.
MEDITERRANEAN																		
SALÛM												—		—				100
MATRÛH	00	8	24	1	0	0	—	9.4	-2.3	25.1	28	0	—	—	88	0	101	161
MARIUT	00	7	28	1	0	1	6	8		29	32	—	23	—	74	0	187	138
ALEXANDRIA	00	9	00	0	0	0	—	8.6	-2.9	27.6	32	+2	24	+1	73	0	170	186
DAMIETTA	00	7	20	2	1	2	8	7.4	-3.0	28.0	34	—	23	—	76	0	81	106
PORT SA'ÎD	01	8	30	2	1	4	6	7.8	-2.1	27.8	35	+4	25	+1	71	0	71	81
EL 'ARÎSH	01	9	00	0	1	3		7.5	-2.9	29.0	—	—	22	+2	76	0	—	74
LOWER EGYPT																		
DAMANHÛR	00	6	24	2	1	0	—	8.2	-2.8	26.3	35	+3	22	+2	82	0	92	101
MANSÛRA	01	8	12	1	1	4	8	8.0	-2.8	28.0	37	+3	23	+3	76	0	66	55
TANTA	01	8	24	1	1	4	8	9.2	-2.1	27.5	36	+2	20	+1	74	0	107	44
ZAGAZIG	01	6	22	1	1	4	8	9.5	-2.1	26.8	37	+2	21	+2	77	0	24	27
SHEBÎN EL KÔM	02	8	02	1	2	5	8	7.9	-3.4	25.8	37	—	22	—	79	0	36	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	06	1	2	1	6	8.2	-3.0	26.9	38	—	24	—	77	0	10	—
CAIRO EZBEKÎYA	05	6	04	1	1	3	8	9.0	-2.2	26.3	38	+4	23	+2	70	0	22	28
CAIRO GÎZA	01	7	00	0	1	5	6	8.6	-2.6	26.5	38	+4	21	+2	73	0	41	27
HELWÂN	00	7	00	0	0	0	—	8.6	-2.3	25.5	38	+4	22	+1	75	0	20	29
SUEZ	00	9	04	1	0	0	—	—	—	29.0	40	+5	24	+1	68	0	—	17
UPPER EGYPT																		
FAIYÛM	00	8	30	2	0	0	—	8.6	-2.4	25.8	40	+5	21	0	76	0	13	1
MINYA	00	8	30	1	0	0	—	8.2	-2.0	28.4	38	+3	22	+1	56	0	[illegible]	—
ASYÛT	00	7	26	1	0	0	—	8.7	-1.2	28.0	39	+3	23	+1	50	0	0	4
NAG HAMÂDI	00	8	00	0	0	0	—	7.4	-1.5	31.0	39	—	20	—	50	0	1	—
QENA	00	8	16	1	0	0	—	8.0	-0.4	30.2	42	+2	24	0	45	0	13	—
LUXOR	00	7	28	1	0	0	—	7.1	-1.3	33.0	42	[illegible]	23	[illegible]	—	0	0	—
ASWÂN	00	9	00	0	0	0	—	7.4	-0.7	32.0	41	0	26	0	38	0	[illegible]	
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	10.0	-3.0	28.0	45	+8	20	+1	64	0	5	1
BAHARÎYA																	0	7
KHÂRGA	00	9	32	1	0	0	—	8.8	-0.8	27.5	40	+1	25	+3	34	0	1	—
DÂKHLA	00	8	00	0	0	0	—	9.1	-1.6	29.0	39	+1	22	0	29	0	0	—
RED SEA																		
TÔR																	0	13
HURGHÂDA	00	8	30	2	0	0	—			32.2	36	+2	25	0	36	0	1	3
QUSEIR	00	8	32	2	0	0	—	5.5	-2.0	34.0	37	+3	26	-1	51	0	11	4
PORT SÛDÂN	00	9	00	0	0	0	—	6		36					29	0	62	105
NORTH SÛDÂN																		
WÂDI HALFA	00	8	00	0	0	0	—	7		27					40	0	[illegible]	—
KAREIMA	00	8	00	0	0	0	—	7		30					43	0	19	24
'ATBARA	00	8	20	3	[illegible]	0	—	7		30					49	0	92	61
KHARTÛM	00	8	18	3	0	0	—	8		30					57	0	183	138
KASSALA																0	326	256
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	16	4	0	3	3	9		26					84	10	379	320
RENK	01	9	16	3	1	4	4	9		27		—		—	77	—		413
ROSEIRES	01	8	02	1	1	5	4	—		24					94	0	666	624
EL OBEID	00	9	16	4	0	2	4	9		26					79	0	435	278
EL FÂSHER								—	—								180	262
GENEINA								—	—			—		—				468
KADUGLI	01	8	04	2	1	4	4	11		27		—		—	79	—		596
S. SÛDÂN																		
MALAKÂL	02	8	18	2	1	7	5	—		25					89	0	808	673
WÂU	01	8	16	2	1	3	4	12		23					89	1	953	916
JUBA	01	8	12	2	1	5	4	13		24					84	0	1027	841

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 28th (الرياح العليا يوم ٢٨)

MATRÛH 6h.	MARIUT 7h.	PORT SA'ÎD 8h. 30m.	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD 7h. 15m.	KAREIMA 7h.	KHARTÛM 6h. 30m.
03 32 20	03 32 15	03 32 15							09 01 20	09 01 05	09 29 40
06 33 20	06 32 30	06 32 15							15 01 05	15 18 05	15 30 30
09 33 20		09 32 25							21 25 10	21 00 00	18 32 25
15 31 35		12 31 30							27 20 30	27 21 30	
21 31 35		15 30 25							33 19 20	33 21 20	
27 32 40									39 18 05	39 20 20	
30 32 45											
45 32 45											

KASSALA	PORT SÛDÂN	EL OBEID 7h. 30m.	EL FÂSHER	GENEINA	MALAKAL 7h.
		09 22 25			09 20 15
		15 19 15			15 21 15
		21 09 10			21 23 15
		27 07 15			27 24 05
		33 10 10			33 20 05

UPPER AIR TEMP. ALMÂZA

Height Feet	PPP	TT	
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h. ON 28th

34850 00851 00001 06262 10303 00200

34700 00890 18200 05281 90004 00210

ANNUAL SUBSCRIPTION P.T. 150

WIND FORCE (F)

		Force
Calm		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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7 Tenths	5
8 Tenths	6
Over 8 Tenths	7
Overcast	8
Fog or Dust	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

DAILY WEATHER REPORT

Sunset h. m. 18 22 — Month *August* 1946 — شهر أغسطس ١٩٤٦

At 14h. on Wednesday 28th (الساعة ١٤ يوم ٢٨) and At 20h. on 28th (الساعة ٢٠ يوم الأربعاء ٢٨)

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
Mediterranean																							
Salûm																							130
Matrûh	00	9	28	3	0	0	—	9.4	26.2	78	0	00	8	28	1	0	0	—	9.2	25.2	93	0	131
Mariut	00	7	30	3	0	0	—	8	30	70	0	00	7	30	1	0	1	6	9	26	89	0	150
Alexandria	00	9	28	3	0	0	—	8.4	30.7	65	0	00	5	00	0	0	0	—	9.1	27.0	77	0	132
Damietta	00	8	28	2	1	0	—	7.2	29.8	63	0	00	7	28	1	0	0	—	7.6	26.0	78	0	159
Port Sa'îd	00	8	30	2	0	0	—	7.9	32.5	58	0	00	8	28	2	0	0	—	7.9	26.9	76	0	134
El 'Arîsh																							135
Lower Egypt																							
Damanhûr	00	7	26	3	0	0	—	7.7	35.0	52	0	00	7	24	2	0	0	—	8.4	26.8	82	0	136
Mansûra	00	8	02	1	1	0	—	7.8	35.0	41	0	00	6	30	1	0	0	—	8.3	26.4	71	0	137
Tanta	00	8	24	1	1	0	—	7.9	34.4	44	0	00	8	32	1	0	0	—	7.9	28.0	60	0	138
Zagazig	00	6	24	2	0	0	—	7.9	34.0	45	0	00	6	32	1	0	0	—	8.1	28.2	64	0	139
Shebîn el Kôm	00	8	02	2	0	0	—	7.5	36.7	28	0	00	7	02	2	0	0	—	7.8	27.2	62	0	—
Middle Egypt																							
Cairo: Almâza	00	8	30	2	0	0	—	7.8	33.9	34	0	00	7	04	2	0	0	—	7.8	31.2	42	0	141
Cairo: Ezbekîya	00	8	30	1	0	0	—	7.5	34.0	42	0	00	7	02	2	0	0	—	9.0	30.1	50	0	—
Cairo: Gîza	00	8	30	3	0	0	—	7.8	33.9	44	0	00	8	02	1	0	0	—	8.6	30.5	48	0	—
Helwân	00	7	28	2	0	0	—	7.0	34.2	30	0	00	7	32	3	0	0	—	8.0	31.0	44	0	143
Suez	00	9	02	2	0	0	—	7.1	35.0	37	0	00	9	02	2	0	0	—	—	30.8	54	0	144
Upper Egypt																							
Faiyûm	00	8	00	0	0	0	—	7.0	35.5	29	0	00	8	00	0	0	0	—	7.6	30.5	45	0	153
Minya	00	9	02	4	0	0	—	7.6	37.3	29	0	00	8	32	1	0	0	—	7.6	33.3	33	0	154
Asyût	00	7	22	1	0	0	—	6.6	37.5	21	0	00	6	36	1	0	0	—	7.0	32.2	29	0	155
Nag' Hamâdi	00	8	00	0	0	0	—	4.3	39.5	18	0	00	8	00	0	0	0	—	5.1	32.8	32	0	164
Qena	00	9	32	2	0	0	—	5.1	41.4	23	0	00	6	26	2	0	0	—	4.6	36.3	23	0	156
Luxor	00	7	28	1	0	0	—	4.6	42.2			00	6	28	3	0	0	—	4.0	36.0	17	0	157
Aswân	00	9	00	0	0	0	—	4.0	40.0	15	0	00	9	00	0	0	0	—	3.8	37.0	14	0	158
Western Desert																							
Sîwa	00	8	00	0	0	0	—	7.5	44.0	30	0	00		00	0	0	0	—	7.8	34.0	51	0	148
Baharîya																							149
Khârga	00	9	32	1	0	0	—	6.7	42.9	12	0	00	9	32	1	0	0	—	6.7	35.1	30	0	151
Dakhla	00	9	24	1	0	0	—	7.0	38.0	20	0	00	7	24	1	0	0	—	8.6	30.0	27	0	152
Red Sea																							
Tôr																							145
Hurghâda	00	8	30	2	0	0	—		34.3	44	0	00	8	28	3	0	0	—		33.1	44	0	146
Quseir	00	8	02	3	0	0	—	5.1	35.0	57	0	00	8	02	2	0	0	—	5.0	33.2	52	0	147
Port Sûdân	00	9	06	4	0	2	8	3	36	53	0												169
North Sûdân																							
Wâdi Halfa	00	8	30	2	0	0	—	4	42	06													165
Kareima	00	8	16	1	0	0	—	4	29	16													166
'Atbara	01	8	20	3	1	4	8	3	38	19													167
Khartûm	01	8	22	3	1	4	8,1	4	36	35													168
Kassala	01	8	18	2	1	4	9,4,1	4	35	44													170
Central Sûdân																							
Wad Medani	01	8	18	2	0	4	8	4	34	47													171
Renk	01	9	16	3	1	5	8	—	32	63													182
Roseires	11	8	20	2	9	5	9	8	26	70													172
El Obeid	01	9	16	3	0	4	8	5	32	52													174
El Fâsher	00	8	00	0	0	3	8	—	33	30													175
Geneina																							179
Kadugli	02	8	20	4	1	6	9	8	28	58													187
S. Sûdân																							
Malakâl	4	8	18	3	1	5	8,4	6	32	59													176
Wâu	01	8	16	1	1	4	8	7	28	66													177
Juba	02	8	04	1	1	6	8,2	7	32	63													178

Upper Winds on 28th (الرياح العليا يوم ٢٨)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh 13h. 15m.	Mariut h. m.	Port Sa'îd 12h. 45m.	Almâza h. m.	Minya h. m.	Luxor h. m.	Hurghâda h. m.	Wâdi Halfa h. m.	Kareima 12h. m.	Khartûm 12h. m.	Kassala 12h. 45m.	El Obeid 13h. m.	Malakal 12h. m.	Juba 13h. m.
03 31 20		03 29 10						09 19 10	09 02 10	09 23 05	09 21 30	09 21 15	09 02 10
06 30 30		06 28 10						15 21 10	15 25 10	15 23 20	15 21 30	15 23 05	15 30 10
09 29 30		09 31 30						21 21 05	21 22 05	21 23 20	21 18 20	21 24 10	21 25 05
15 27 35		15 34 40						27 22 05	24 21 05	27 28 05	27 09 15	27 24 15	27 17 05
21 26 30								33 26 05	30 12 05	33 01 20	30 10 05	33 25 15	33 33 05
27 26 30								39 28 05	39 25 05	39 36 15		39 25 15	39 31 20
33 25 30													

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Station	Humidity % on 28th	Diff from normal	Wet bulb temp °C on 28th	Diff from normal
Alexandria	78	+2	24.5	+1.8
Ezbekîya	57	-5	23.3	+0.8
Gîza	55	-9	23.4	+1.5
Helwân	57	+5	22.2	+1.7

(Mean of day)

GÎZA — Grass minimum temp. on 29th 18.0 °C

CAIRO — Water temp. River Nile at 8h. on 29th 27.9 °C

Discharges at Aswân measured by sluices m³ per sec. — Date	1946	1945
29-8	11221	6523
28-8	11221	6996

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	29-8-1946				
Nâsser					
Malakâl				12.47	+0.55
J. Aulia Res.					
J. Aulia D.S					
Roseires		21.20	+2.06	21.60	+2.44
Sennar Res.				17.17	
Khartûm		17.10	+1.41	17.04	+1.37
Kh. el Girba				15.18	+0.82
'Atbara		16.42	+1.27	16.52	+1.37
Kajnarti		144.18	+2.63	144.12	+2.63
Aswân Res.		108.83	—	108.08	—
Aswân D.S		93.40	+1.37	93.40	+1.40
Roda (Cairo)		20.27	+1.84	20.23	+1.82

Printed by the Survey of Egypt, 1945.(45/306)

At 8h. on Thursday 29 (الساعة ٨ يوم الخميس ٢٩)

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	% Humidity	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Norm. from Oct. 1 mms.
Mediterranean																		
Salûm												—		—				100
Matrûh	00	9	30	3	0	0	—	10.4	-1.4		28	0	22	0	83	0	101	161
Mariut	01	7	29	2	2	4	4	9		28	31	—	24	—	70	0	187	138
Alexandria	01	9	00	0	1	4	4	10.0	-1.6	28.7	32	+2	25	+2	66	0	170	186
Damietta	00	7	20	1	1	0	—	8.0	-2.5	27.8	31	—	22	—	78	0	81	106
Port Sa'îd	01	8	26	2	1	4	8	9.0	-1.0	27.4	33	+2	24	+1	78	0	71	81
El 'Arîsh																	—	94
Lower Egypt																		
Damanhûr	00	6	24	2	0	0	—	9.1	-2.0	27.2	35	+3	22	+2	78	0	92	101
Mansûra	00	8	12	1	0	0	—	9.2	-1.8	27.5	36	+2	22	+2	80	0	66	55
Tanta	01	8	24	1	1	4	8	9.3	-1.6	27.0	35	+1	20	+1	77	0	107	44
Zagazig	00	6	32	1	0	0	—	9.9	-1.8	28.8	35	0	21	+2	73	0	24	27
Shebîn el Kôm	00	8	30	1	0	0	—	9.0	-2.4	28.8	37	—	22	—	73	0	36	—
Middle Egypt																		
Cairo: Almaza	01	7	03	1	1	3	8	9.4	-1.9	25.8	36	—	22	—	78	0	10	—
Cairo: Ezbekîya	05	6	28	2	1	4	8	9.9	-1.4	27.2	35	+1	22	+1	74	0	22	26
Cairo: Gîza	05	6	28	2	1	4	8	10.2	-1.1	27.1	34	0	21	+2	78	0	41	27
Helwân	00	7	32	2	0	0	—	9.6	-1.4	25.0	36	+2	23	+2	75	0	20	29
Suez	00	9	02	2	0	0	—	10.0?	-0.3	28.2	36	+1	21	-2	68	0	0	17
Upper Egypt																		
Faiyûm	00	8	02	2	0	0	—	9.2	-1.9	25.8	37	+2	22	+1	75	0	13	8
Minya	00	8	32	2	0	0	—	9.0	-1.3	29.4	38	+3	22	+1	57	0	dr	—
Asyût	00	8	22	1	0	0	—	8.2	-1.8	28.9	39	+4	23	+1	50	0	0	4
Nag' Hamâdi	00	8	00	0	0	0	—	7.5	-1.5	31.0	40	—	21	—	51	0	1	—
Qena	00	8	24	1	0	0	—	6.8	-1.6	29.7	43	+3	25	+2	55	0	13	—
Luxor	00	7	28	2	0	0	—	7.1	-1.4	32.7	43	[illegible]	23	[illegible]	—	0	0	—
Aswân	00	9	00	0	0	0	—	7.0	-1.2	34.0	42	+1	26	+1	31	0	dr	
Western Desert																		
Sîwa	00	7	00	0	0	0	—	11.2	-1.9	28.5	45	+8	22	+3	55	0	5	8
Baharîya																	0	7
Khârga	00	9	00	0	0	0	—	8.2	-1.5	32.2	43	+4	25	+3	39	0	1	—
Dâkhla	00	8	28	1	0	0	—	8.6	-2.2	30.7	41	+3	25	+3	23	0	0	—
Red Sea																		
Tôr																	0	13
Hurghâda	00	8	30	4	0	0	—			31.2	38	+4	24	0	44	0	1	3
Quseir	00	8	32	2	0	0	—	5.8	-1.7	31.0	36	+2	28	+1	71	0	11	4
Port Sûdân	00	9	00	0	0	2	4	6		37					35	0	62	105
North Sûdân																		
Wâdi Halfa	01	8	32	1	0	4	2	7		29					25	0	tr	—
Kareima	00	8	22	2	0	2	2	8		30					—	0	19	24
'Atbara	00	8	18	3	1	3	1	7		29					52	0	92	62
Khartûm	02	8	20	3	1	5	4,5,1	9		28					58	0	183	141
Kassala																	326	260
Central Sûdân																		
Wad Medani	02	9	20	1	6	7	9	10		23					89	11	390	324
Renk												—		—		—		418
Roseires	02	8	16	1	2	5	6	12		22					94	13	679	631
El Obeid																	435	282
El Fâsher								—	—								180	267
Geneina								—	—			—		—				475
Kadugli												—				—		600
S. Sûdân																		
Malakâl	62	4	24	2	6	8	9,5	14		21					100	20	828	679
Wâu	02	8	16	3	1	8	6,4,5	—		24					89	0	953	922
Juba	02	8	04	1	6	8	6,5	14		21					100	33	1060	885

Upper Winds on 29th (الرياح العليا يوم ٢٩)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh 7h. m.	Mariut h. m.	Port Sa'îd 7h. 15m.	Helwân h. m.	Minya h. m.	Asyût h. m.	Luxor 7h. 15m.	Aswân h. m.	Wâdi Halfa h. m.	Abu Hamad 7h. m.	Kareima 7h. m.	Khartûm 7h. m.
03 34 20		03 29 10				03 28 05			09 34 15	09 33 20	09 31 45
06 34 40		06 28 15				06 03 20			15 01 15	15 26 10	15 23 30
09 31 30		09 31 15				09 03 20			21 35 15	21 26 10	21 33 30
15 30 30		12 32 15				12 03 30			27 35 15	27 26 10	24 36 30
21 30 50						15 04 30			33 33 05	33 25 05	30 03 30
						18 03 30			39 21 05	39 33 05	39 07 30
						21 03 20					
						24 03 30					

Kassala 7h. m.	Port Sûdân 7h. 15m.	El Obeid h. m.	El Fâsher h. m.	Geneina h. m.	Malakal h. m.
09 19 20	09 25 25				
15 23 30	15 02 10				
21 07 05	21 07 20				
27 05 15	27 07 10				
33 05 05	33 15 —				

Cyprus synoptic 8h. on 29th

34710 00961 22301 06282 10106 00200

34800 00890 04200 06271 60100 00200

Upper Air Temp. Almâza at 5h G.M.T. on 29th

Height feet	P.P.P m.b.	TT °F	tt °F
Surface	1000	75	72
500	982	73	71
1000	964	71	68
1500	947	72	65
2000	930	78	57
4000	864	75	55
6000	801	69	48
8000	743	60	43
10000	688	48	36
12000			
14000			
16000			

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

ANNUAL SUBSCRIPTION P.T. 150

Sunset h. m. 18 21 — Month *August* 1946

DAILY WEATHER REPORT

شهر اغسطس ١٩٤٦

1417 P.C.

At 14h. on 29th (الساعة ١٤ يوم ٢٩) — **At 20h. on 29th** (الساعة ٢٠ يوم ٢٩)

	Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
Mediterranean	SALÛM																							130
	MATRÛH	00	9	02	2	0	0	—	11.8	29.1	66	0	02	8	02	2	0	0	—	13.1		74	0	131
	MARIUT	00	7	30	3	0	0	—	10	30	62	0	00	7	32	2	0	0	—	11	26	74	0	150
	ALEXANDRIA	00	9	30	3	0	0	—	10.2	30.6	55	0	00	6	04	3	0	0	—	10.9	27.0	70	0	132
	DAMIETTA	00	8	28	3	1	0	—	9.1	28.8	64	0	00	7	28	1	0	0	—	10.2	26.0	73	0	159
	PORT SA'ÎD	00	8	30	3	0	0	—	9.0	31.6	60	0	00	8	30	4	0	0	—	10.7	26.3	73	0	134
	EL 'ARÎSH												01	9	32	3	1	5	4	9.9	27.9	80	0	135
Lower Egypt	DAMANHÛR	01	7	24	3	1	3	8	9.5	32.0	54	0	00	7	28	3	0	0	—	10.4	25.6	78	0	136
	MANSÛRA	01	8	30	2	1	3	8	9.1	34.0	50	0	00	6	02	1	1	0	—	10.7	26.4	73	0	137
	TANTA	00	8	20	1	1	0	—	9.6	33.6	46	0	00	8	24	1	0	0	—	10.9	26.1	79	0	138
	ZAGAZIG	00	6	24	2	0	0	—	9.0	33.2	55	0	00	6	28	1	0	0	—	10.7	26.8	77	0	139
	SHEBÎN EL KÔM												00	7	30	2	0	0	—	7.9	27.6	67	0	—
Middle Egypt	Cairo ALMÂZA	00	8	29	2	0	0	—	8.3	33.7	46	0	00	7	02	3	0	0	—	10.5	29.0	53	0	141
	Cairo EZBEKÎYA	00	8	30	2	0	0	—	8.3	34.2	41	0	00	7	02	2	0	0	—	11.0	28.6	53	0	—
	Cairo GÎZA	00	8	30	2	0	0	—	8.3	33.2	39	0	00	8	04	1	0	0	—	11.2	28.5	55	0	—
	HELWÂN	00	7	28	4	0	0	—	8.2	34.0	36	0	00	7	32	3	0	0	—	10.2	29.4	48	0	143
	SUEZ	00	9	02	2	0	0	—	8.2	35.0	30	0	00	9	32	2	0	0	—	10.1	28.0	61	0	144
Upper Egypt	FAIYÛM	00	8	02	2	0	0	—	8.0	35.0	31	0	00	8	32	1	0	0	—	9.0	31.6	47	0	153
	MINYA	00	9	32	4	0	0	—	7.1	37.6	26	0	00	8	30	2	0	0	—	8.6	32.3	39	0	154
	ASYÛT	00	8	26	1	0	0	—	7.4	37.7	24	0	00	6	28	1	0	0	—	7.2	33.1	30	0	155
	NAG HAMÂDI	00	8	00	0	0	0	—	4.7	40.7	—	0	00	6	00	0	0	0	—	6.0	32.4	40	0	164
	QENA	00	9	16	1	0	0	—	4.0	41.2	23	0	00	6	24	1	0	0	—	4.8	37.2	19	0	156
	LUXOR	00	7	30	2	0	0	—	4.7	39.0	21	0	00	6	28	1	0	0	—	4.8	36.8	15	0	157
	ASWÂN	00	9	00	0	0	0	—	3.8	41.0	17	0	00	9	00	0	0	0	—	4.7	37.0	14	0	158
Western Desert	SÎWA	00	8	04	2	0	0	—	10.8	36.0	23	0	00		00	0	0	0	—	10.8	34.0	51	0	148
	BAHARÎYA	00	9	00	0	0	0	—	—	35.0	37	0												149
	KHÂRGA												00	9	32	2	0	0	—	7.6	36.0	31	0	151
	DAKHLA	00	9	27	1	0	0	—	6.4	37.8	19	0	00	7	24	1	0	0	—	8.3	32.0	22	0	152
Red Sea	TÔR	00	7	28	4	0	0	—	5.9	32.5	64	0	00	7	28	2	0	0	—	—	33.4	60	0	145
	HURGHÂDA	00	8	32	4	0	0	—		35.2	35	0	00	8	28	3	0	0	—	—	32.7	39	0	146
	QUSEIR	00	8	32	2	0	0	—	5.6	30.0	42	0	00	8	02	2	0	0	—	5.5	30.6	55	0	147
	PORT SÛDÂN	00	8	09	4	0	2	2.4	4	35	59													169
North Sûdân	WÂDI HALFA	00	8	28	3	0	2	2	4	42	06													165
	KAREIMA	00	8	00	0	0	1	8	4	40	24													166
	'ATBARA	00	8	20	3	0	3	8.4	4	41	18													167
	KHARTÛM	01	8	20	3	1	4	8.4	6	39	36													168
	KASSALA	01	8	22	2	1	4	8.4	5	39	47													170
Central Sûdân	WAD MEDANI	02	8	20	3	1	7	7	8	28	66													171
	RENK																							182
	ROSEIRES																							172
	EL OBEID	02	9	16	4	1	6	7.4	7	29	59													174
	EL FÂSHER																							175
	GENEINA																							179
	KADUGLI	02	8	20	3	1	6	9	10	28	70													187
S. Sûdân	MALAKÂL	61	8	14	3	6	8	9	11	29	84													176
	WÂU	01	8	24	2	5	4	8	—	28	66													177
	JUBA																							178

At 8h. on Friday 30th (الساعة ٨ يوم الجمعة ٣٠)

	Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C MM	Max. Diff. from norm. °C	Minimum Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct 1 mms
Mediterranean	SALÛM												—		—				100
	MATRÛH	00	9	02	4	0	0	—	12.8	+1.9	27.2	—	—	19	-3	—	0	101	161
	MARIUT	01	8	29	2	0	3	8	12		27	30	—	24	—	58	0	187	138
	ALEXANDRIA	02	9	32	3	1	5	8	12.7	+1.0	27.0	32	+2	25	+2	57	0	170	186
	DAMIETTA	01	8	28	2	1	3	8	11.1	+0.5	27.1	30	—	22	—	63	0	81	106
	PORT SA'ÎD	01	8	30	2	1	4	8	11.4	+1.2	28.3	35	+2	24	+1	59	0	71	81
	EL 'ARÎSH	00	9	00	0	0	3	3	11.2?	+1.6	29.5	31	+1	20	0	65	0	—	94
Lower Egypt	DAMANHÛR	00	7	24	3	0	0	—	11.5	+0.3	26.3	39	+2	21	+1	82	0	92	101
	MANSÛRA	00	8	32	2	0	0	—	11.5	+0.4	26.6	37	+3	20	0	69	0	66	55
	TANTA	00	8	28	1	0	0	—	12.3	+0.7	26.0	34	0	19	0	67	0	107	44
	ZAGAZIG	00	6	32	2	0	0	—	12.3	+0.5	27.8	35	+1	20	+1	69	0	24	27
	SHEBÎN EL KÔM	00	8	02	2	0	0	—	11.0	-0.5	26.9	36	—	20	—	69	0	36	—
Middle Egypt	Cairo ALMAZA	00	7	02	1	0	0	—	11.7	+0.3	25.0	35	—	21	—	74	0	10	—
	Cairo EZBEKÎYA	05	6	32	1	0	0	—	12.2	+0.8	27.7	35	+1	22	+1	61	0	22	26
	Cairo GÎZA	05	8	30	2	1	2	8	12.3	+0.9	26.7	34	+1	19	0	66	0	41	27
	HELWÂN	00	7	32	3	0	0	—	11.8	+0.7	25.4	35	+1	22	+1	65	0	20	29
	SUEZ	01	9	32	1	1	4	3	11.9	+1.5	27.0					68	0	—	17
Upper Egypt	FAIYÛM	00	8	32	2	0	0	—	11.8	+0.6	25.2	36	+1	20	-1	69	0	13	8
	MINYA	00	9	32	3	0	0	—	11.0	+0.6	27.3	38	+3	23	+2	65	0	dw	—
	ASYÛT	00	7	28	2	0	0	—	10.6	+0.5	26.9	39	+4	23	+1	59	0	0	4
	NAG HAMÂDI	00	8	00	0	0	0	—	8.8	-0.3	30.0	41	—	24	—	57	0	1	—
	QENA	00	8	[illegible]	2	0	0	—	7.9	-0.6	29.6	43	+3	25	+2	50	0	13	—
	LUXOR	00	7	[illegible]	1	0	0	0	6.6	0.0	34.0	44	+3	23	+1	—	0	0	—
	ASWÂN	00	9	[illegible]	3	0	0	0	7.8	-0.5	32.0	42	+1	28	+3	24	0	dw	
Western Desert	SÎWA	00	7	00	0	0	0	—	14.4	+1.3	26.2	40	+3	21	+2	67	0	5	8
	BAHARÎYA																	0	7
	KHÂRGA	00	9	32	4	0	0	0	—	—	31.6	42	+4	—	—	50	0	1	—
	DÂKHLA	00	8	[illegible]	2	0	0	—	10.7	-0.9	30.5	42	+4	27	+3	34	0	0	—
Red Sea	TÔR	00	7	00	0	0	0	—	7.2	-0.5	32.2	37	+4	—	—	71	0	0	13
	HURGHÂDA	00	8	30	4	0	0	—	—	—	29.4	37	+3	26	+2	49	0	1	3
	QUSEIR	00	8	32	3	0	0	—	7.2	-0.4	31.5	37	+3	28	+1	55	0	11	4
	PORT SÛDÂN	00	9	12	3	0	1	4	7		35					53		62	105
North Sûdân	WÂDI HALFA	00	8	22	3	0	3	4	8		31					55		6	—
	KAREIMA																	19	25
	'ATBARA	00	8	18	4	0	3	1	9		30					59		92	63
	KHARTÛM	01	8	16	4	1	3	4	11		28					66		183	144
	KASSALA	00	8	14	3	1	1	4	11		26					62	3	329	263
Central Sûdân	WAD MEDANI	02	9	16	4	1	7	5	13		23					74		390	328
	RENK	01	9	12	3	2	5	4	14		24		—		—	84	—		432
	ROSEIRES	01	8	06	1	5	4	1	15		23					94	49	728	638
	EL OBEID	02	9	18	4	1	6	64	12		24					74		435	286
	EL FÂSHER	03	9	14	2	2	8	6	—	—	22					94		180	271
	GENEINA	01	8	18	1	0	4	4	—	—	22		—		—	83			482
	KADUGLI	02	8	02	2	1	5	9	13		24		—		—	84	—		604
S. Sûdân	MALAKÂL	02	8	18	1	1	6	64	14		23					97	3	831	685
	WÂU	02	8	14	2	1	6	4	13		23					84	2	955	928
	JUBA	25	8	00	0	8	8	64	14		23					94	5	1060	849

UPPER WINDS ON 29th (الرياح العليا يوم ٢٩)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH 13h. 15m.	MARIUT 12h. 45m.	PORT SA'ÎD 12h. 30m.	ALMÂZA h. m.	MINYA 12h. 30m.	LUXOR 12h. 45m.	HURGHÂDA 13h. m.	WÂDI HALFA 13h. 30m.	KAREIMA 13h. m.	KHARTÛM 13h. m.	KASSALA 13h. m.	EL OBEID 13h. m.	MALAKAL h. m.	JUBA h. m.
03 36 45	03 30 20	03 32 15		03 34 35	03 36 10	03 36 30	09 02 25	09 31 15	09 23 20	09 26 10	09 30 70		
06 36 45	06 28 20	06 30 20		06 33 25	06 06 05	06 35 30	15 02 20	15 31 10	15 25 15	15 29 15	15 30 70		
09 31 40	09 29 20	09 29 30		09 31 35	09 35 20	09 32 40	21 02 40	21 31 05	21 09 20	21 26 05	21 15 20		
12 29 20	12 33 35	12 29 35		15 36 30	12 35 20	15 32 35	27 36 30	30 01 10	24 05 20	27 19 10			
21 31 50	15 36 35	15 30 20		21 34 30	15 36 20		33 03 20	33 12 10					
	18 28 35	21 28 30		24 33 30	18 30 15			39 15 15					
	21 30 45												
	24 30 45												
	29 30 40												

UPPER WINDS ON 30th (الرياح العليا يوم ٣٠)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT 7h. m.	PORT SA'ÎD 6h. 30m.	HELWÂN 7h. m.	MINYA 7h. 15m.	ASYÛT h. m.	LUXOR 6h. 30m.	ASWÂN h. m.	WÂDI HALFA h. m.	ABU HAMAD h. m.	KAREIMA 7h. m.	KHARTÛM 6h. m.
	03 34 20	03 33 15	03 35 30	03 36 35		03 35 10				09 31 30	09 19 40
	06 31 25	06 34 10	06 35 20	06 02 40		06 35 15				15 19 20	15 18 30
	09 33 30	09 35 15	09 33 20	09 02 40		09 02 15				21 22 10	21 15 10
		12 30 15	12 34 20	15 35 60		12 34 15				24 12 15	24 13 15
		15 29 15	21 29 20	21 33 30		15 02 15				27 11 10	30 05 30
		18 30 25	27 35 25			21 04 30				33 10 10	39 07 40
		21 29 35	30 34 25			33 02 55				39 27 10	
		24 36 15	36 35 30								
			42 36 30								

KASSALA 6h. 40m.	PORT SÛDÂN h. m.	EL OBEID 7h. m.	EL FÂSHER h. m.	GENEINA 7h. m.	MALAKAL h. m.
09 15 30		09 21 25		09 21 20	
15 20 45		15 19 20		15 22 05	
21 20 20		21 13 20		21 18 30	
27 22 40		24 10 25		27 08 40	
				33 08 40	

UPPER AIR TEMP. ALMÂZA AT 5 30 G.M.T ON 30th

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	1012	77	74
500	994	72	66
1000	976	72	66
1500	958	70	64
2000	941	68	63
4000	874	68	50
6000	811	68	48
8000	752	62	42
10000	696	55	37
12000	644	47	34
14000	595	41	28
16000	548	34	26

CYPRUS SYNOPTIC 8h. ON 30th

34870 01163 00107 11271 90204 00110
34710 00861 00001 11281 80101 00170

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Mean of day

Station	Humidity % on 29th	Diff from normal	Wet Bulb Temp °C on 29th	Diff from normal
Alexandria	62	-9	23.3	+0.6
Ezbekîya	59	-3	23.3	+0.9
Gîza	61	-4	23.1	+1.2
Helwân	59	+7	22.2	+1.7

GÎZA — GRASS MINIMUM TEMP ON 30th 16.9 °C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON 30th 27.8 °C

Discharges at Aswân measured by sluices m³ per sec. DATE	1946	1945
30-8	11296	6231
29-8	4221	6523

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	30-8-46			14.27	+0.48
Nâsser				10.24	+0.39
Malakâl		12.52	+0.59	12.49	+0.57
J. Aulia Res.					
J. Aulia D.S					
Roseires		21.28	+2.16	21.20	+2.06
Sennar Res.				17.21	
Khartûm		17.13	+1.44	17.10	+1.41
Kh. el Girba				15.00	+0.67
'Atbara				16.42	+1.27
Kajnarti		144.24	+2.62	144.18	+2.63
Aswân Res.		109.40		108.82	
Aswân D.S		93.50	+1.44	93.40	+1.37
Roda (Cairo)		20.29	+1.83	20.37	+1.88

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 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 AMOUNT (N)

Clear 0; Trace 1; 1 Tenth 2; 2, 3 Tenths 3; 4, 5, 6 Tenths 4; 7, 8 Tenths 5; 9 Tenths 6; Over 9 Tenths 7; Overcast 8; Fog or Dust 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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ANNUAL SUBSCRIPTION P.T. 150

Sunset h. m. 18 20

Month *August* 1946

DAILY WEATHER REPORT

شهر أغسطس ١٩٤٦

At 14h. on Friday 30th — الساعة ١٤ يوم الجمعة ٣٠ / At 20h. on 30th — الساعة ٢٠ يوم الجمعة ٣٠

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	32	2	0	0	-	13.6	27.9	65	0	00	8	02	2	0	0	-	13.5	26.5	67	0	131
MARIUT	01	8	31	2	1	4	6	12	30	62	0	00	7	29	2	0	1	6	12	29	62	0	150
ALEXANDRIA	01	9	04	2	2	4	8	11.9	31.0	50	0	01	6	04	2	2	4	4	11.8	26.4	66	0	132
DAMIETTA	00	8	30	3	1	2	8	10.6	27.9	63	0	00	7	28	2	1	0	-	10.4	25.9	78	0	159
PORT SA'ÎD	00	8	32	2	0	3	8	10.6	30.7	53	0	00	8	32	2	0	2	8	10.6	26.2	73	0	134
EL 'ARÎSH	00	9	28	3	0	0	-	10.2	28.8	68	0	00	9	32	2	0	0	-	9.9	27.1	72	0	135
LOWER EGYPT																							
DAMANHÛR	01	7	04	3	1	3	8	11.1	32.3	52	0	00	7	04	3	0	0	-	11.5	24.6	82	0	136
MANSÛRA	00	8	04	2	0	0	-	10.0	32.4	48	0	00	6	02	1	0	0	-	10.8	26.0	84	0	137
TANTA	00	8	24	2	0	0	-	10.8	31.9	50	0	00	8	32	1	0	0	-	11.6	25.6	79	0	138
ZAGAZIG	00	6	32	2	0	0	-	11.4	32.6	44	0	00	6	28	1	0	0	-	11.1	26.2	78	0	139
SHEBÎN EL KÔM	00	8	30	3	0	0	-	—	32.9	42	0	00	7	02	2	0	0	-	10.8	28.4	69	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	01	2	0	0	-	9.6	31.0	49	0	00	7	02	2	0	0	-	10.5	28.5	59	0	141
CAIRO EZBEKÎYA	00	9	30	2	0	0	-	9.9	32.7	40	0	00	7	30	2	0	0	-	11.0	28.2	51	0	—
CAIRO GÎZA	00	8	32	2	0	0	-	10.2	31.6	43	0	00	8	32	1	0	0	-	11.2	26.6	67	0	—
HELWÂN	00	7	30	3	0	0	-	9.8	31.8	33	0	00	7	30	2	0	0	-	10.2	28.7	48	0	143
SUEZ	00	9	30	1	0	0	-	9.8	33.8	32	0	00	9	30	1	0	0	-	10.6	30.0	49	0	144
UPPER EGYPT																							
FAIYÛM	00	8	32	3	0	0	-	9.5	33.0	27	0	00	8	32	1	0	0	-	9.8	28.4	46	0	153
MINYA	00	9	32	4	0	0	-	8.6	33.8	31	0	00	8	32	3	0	0	-	9.4	29.2	50	0	154
ASYÛT	00	8	26	1	0	0	-	8.4	35.1	19	0	00	6	28	1	0	0	-	8.7	30.0	35	0	155
NAG' HAMÂDI	00	9	00	0	0	0	-	6.7	36.7	27	0	00	8	00	0	0	0	-	7.6	28.7	44	0	164
QENA	00	9	22	2	0	0	-	4.7	41.4	26	0	00	6	24	2	0	0	-	6.0	31.2	41	0	156
LUXOR	00	7	30	2	0	0	-	4.7	39.0	21	0	00	6	28	3	0	0	-	—	36.8	15	0	157
ASWÂN	00	9	00	0	0	0	-	4.6	40.0	12	0	00	9	32	3	0	0	-	6.0	36.0	13	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	-	14.0	35.0	35		00	5	00	0	0	0	-	12.7	32.0	43	0	148
BAHARÎYA												00	—	00	0	0	0	-	10.9	28.5	55	0	149
KHÂRGA	00	9	32	4	0	0	-	8.3	39.8	22	0	00	9	22	2	0	0	-	8.7	32.3	37	0	151
DAKHLA	00	9	24	1	0	0	-	7.0	40.3	26	0	00	7	32	2	0	0	-	11.2	31.0	33	0	152
RED SEA																							
TÔR	00	7	28	4	0	0	-	7.6	31.5	60	0												145
HURGHÂDA	00	8	32	4	0	0	-		32.4	48	0	00	8	28	4	0	0	-		30.7	51	0	146
QUSEIR	00	8	32	2	0	0	-	6.0	35.0	45	0	00	8	32	2	0	0	-	6.3	30.0	53	0	147
PORT SÛDÂN	01	8	08	5	0	4		3	38	45													169
NORTH SÛDÂN																							
WÂDI HALFA	00	8	02	3	0	0	-	4	43	07													165
KAREIMA	00	9	24	1	0	3	1	5	40	20													166
'ATBARA	01	7	18	5	0	4	8	6	37	48													167
KHARTÛM																							168
KASSALA	01	8	22	3	1	4	8	8	32	55													170
CENTRAL SÛDÂN																							
WAD MEDANI	02	8	16	4	1	7	3	8	30	55													171
RENK	01	9	12	1	1	4	8	—	31	52													182
ROSEIRES	01	9	18	1	0	4	8	10	29	66													172
EL OBEID	02	9	18	3	1	7	6,4	8	30	78													174
EL FÂSHER																							175
GENEINA																							179
KADUGLI	02	8	12	3	1	6	9	10	30	55													187
S. SÛDÂN																							
MALAKÂL	22	8	18	3	6	6	9	11	27	84													176
WÂU	02	8	16	1	1	7	8,4	9	30	55													177
JUBA	10	8	02	3	1	6	9	9	26	74													178

UPPER WINDS ON 30th — الرياح العليا يوم ٣٠

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	Khartûm	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13 h. 15 m.	13 h. m.	12 h. 45 m.	12 h. 30 m.	h. m.	h. m.	12 h. 46 m.
							09 35 20	09 25 10	09 22 10	09 21 30			09 26 05
							15 35 10	15 25 10	15 21 10	15 20 40			15 04 05
							21 35 15	21 28 05	21 27 05	21 17 15			21 07 10
							27 28 05	27 18 05	27 10 05				27 08 10
							39 06 05	33 17 05	33 06 20				33 11 05
								39 17 10					

Remarks

Hours are Egyptian standard time, long 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	Date	1946	1945
	31-8	11296	6127
	30-8	11296	6231

Station	Mean of day Humidity % on 30th	Diff from normal	Wet bulb temp °C on 30th	Diff from normal
Alexandria	60	-10	22.2	-0.4
Ezbekîya	51	-12	22.4	0.0
Gîza	61	-4	22.4	+0.6
Helwân	53	+1	20.9	+0.5

GÎZA — GRASS MINIMUM TEMP ON 31st 19.3 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 31st 27.4 °C

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	31-8-1946			14.16	+0.36
Nâsser				10.34	+0.30
Malakâl		12.54	+0.59	12.52	+0.59
J. Aulia Res.				376.86	-
J. Aulia D.S				376.81	+1.41
Roseires		21.18	+2.07	21.28	+2.16
Sennar Res.				17.19	-
Khartûm				17.18	+1.44
Kh. el Girba				14.96	+0.68
'Atbara				16.42	+1.28
Kajnarti				144.24	+2.62
Aswân Res.		110.15	-	109.40	-
Aswân D.S		93.50	+1.42	93.50	+1.44
Roda (Cairo)		20.29	+1.80	20.29	+1.83

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on Saturday 31st — الساعة ٨ يوم السبت ٣١

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total From Oct. 1 mms.	Norm. From Oct. 1 mms.
MEDITERRANEAN																		
SALÛM												—		—		0		100
MATRÛH	00	9	02	2	0	0	-	12.8	+0.8	26.7	—	—	—	—	67	0	101	161
MARIUT	01	7	31	1	0	4	6	11		29	30	—	25	—	74	0	187	138
ALEXANDRIA	02	9	04	2	2	5	8	11.6	-0.2	28.8	32	+2	25	+2	68	0	170	186
DAMIETTA	01	8	30	2	1	3	8	11.0	+0.2	27.2	29	—	23	—	75	0	81	106
PORT SA'ÎD	01	8	02	2	1	4	9	10.6	+0.3	29.8	32	+1	25	+2	30	0	71	81
EL 'ARÎSH	00	9	00	0	0	0	-	—	—	29.3	31	+1	20	0	36	0	-	94
LOWER EGYPT																		
DAMANHÛR	01	6	04	3	1	4	8	10.8	-0.5	27.0	33	+1	21	+1	78	0	92	101
MANSÛRA	01	8	32	1	1	3	8	11.0	-0.3	28.0	34	0	21	+1	71	0	66	55
TANTA	00	8	04	1	0	0	-	11.9	+0.2	26.0	33	-1	20	+1	84	0	107	44
ZAGAZIG	00	6	02	1	0	0	-	11.0	-0.9	26.6	33	-1	20	+1	74	0	24	27
SHEBÎN EL KÔM	00	8	02	1	0	0	-	10.7	-0.9	27.2	34	—	21	—	77	0	36	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	02	1	1	3	8	10.5	-0.6	25.3	33	—	22	—	84	0	10	—
CAIRO EZBEKÎYA	05	6	02	3	1	3	8	11.2	-0.3	26.1	33	-1	22	+1	74	0	22	26
CAIRO GÎZA	05	6	32	1	1	3	8	11.2	-0.3	26.0	32	-1	22	+3	75	0	41	27
HELWÂN	01	7	32	1	1	3	8	11.0	-0.2	24.6	33	-1	21	0	75	0	20	29
SUEZ	01	9	02	1	1	4	8	11.5	+1.0	26.0	35	0	21	-1	71	0	-	17
UPPER EGYPT																		
FAIYÛM	02	8	32	3	2	5	8	11.1	-0.2	25.2	34	-1	22	+2	74	0	13	8
MINYA	01	8	32	3	1	3	8	10.4	-0.1	25.3	35	0	22	+1	71	0	dr	—
ASYÛT	00	7	30	2	0	0	-	10.8	+0.6	25.5	37	+2	23	+1	71	0	0	4
NAG' HAMÂDI												—		—			1	—
QENA	00	8	22	2	0	0	-	8.6	+0.1	29.0	42	+2	23	0	53	0	13	—
LUXOR	00	7	28	1	0	0	-	8.7	0.0	32.0	43	+2	22	0	—	0	0	—
ASWÂN	00	9	00	0	0	0	-	8.4	0.0	32.0	43	+3	25	0	28	0	dr	
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	-	14.7	+1.4	23.4	36	-1	18	-1	72	0	5	8
BAHARÎYA	00	9	32	1	0	0	-	12.2	+0.1	28.0	38	+3	20	+1	57	0	0	7
KHÂRGA	00	9	32	3	0	0	-	11.8	+1.9	26.4	40	+2	25	+3	68	0	1	—
DÂKHLA	00	8	32	2	0	0	-	11.9	+0.9	27.0	40	+2	24	+2	49	0	0	—
RED SEA																		
TÔR																		13
HURGHÂDA	00	8	30	4	0	0	-			28.2	34	0	—	—	57	0	1	3
QUSEIR	00	8	32	3	0	0	-	6.3	-1.4	30.2	35	+1	27	0	46	0	11	4
PORT SÛDÂN	00	9	06	3	1	1	3	6		36					50	0	62	105
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	3	0	0	-	9		29					29	0	Tr	—
KAREIMA	00	8	26	3	0	1	1	9		32					33	0	19	25
'ATBARA	01	8	22	4	1	5	4,5,1	9		31					49	0	92	64
KHARTÛM	01	8	16	3	1	4	4	10		29					59	0	183	146
KASSALA	01	8	18	3	1	4	4,3	13		31					52	0	329	266
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	16	4	1	4	3	4		26					79	0	390	332
RENK	01	9	12	3	2	5	4	—		27		—		—	79	—	-	426
ROSEIRES	02	8	10	2	1	5	8	15?		25					84	0	728	645
EL OBEID	00	9	18	2	1	1	4,5	12		26					70	0	435	290
EL FÂSHER								—	—								-	276
GENEINA								—	—			—		—			-	489
KADUGLI	02	8	28	2	1	6	4	13		25		—		—	79	—	-	608
S. SÛDÂN																		
MALAKÂL	02	8	00	0	1	7	4,5	13		25					89	2	833	691
WÂU	02	8	00	0	1	6	4	13		23					89	0	966	934
JUBA	25	8	12	2	6	7	6,4	15		28					66	1	1061	853

UPPER WINDS ON 31st — الرياح العليا يوم ٣١

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	7 h. m.	h. m.	9 h. m.	h. m.	7 h. m.	h. m.	7 h. m.	7 h. m.	7 h. 15 m.	7 h. 15 m.	7 h. m.
	03 04 15		02 04 20		02 35 25		02 31 05	09 33 20	09 25 10	09 19 30	09 23 20
	06 03 20		05 03 30		05 35 25		05 33 20	15 32 35	15 02 10	15 19 30	15 22 30
	09 03 20		08 04 40		10 33 15		10 31 10	21 29 20	21 34 15	21 17 20	
	12 05 15		10 05 35				15 22 10	27 29 20	27 31 10	27 16 10	
	18 04 15		15 05 45				20 21 15	33 29 20	33 29 15	33 26 10	
	21 32 05		✓				25 24 20	36 28 10	39 24 05	39 28 05	
	24 35 10						30 26 10	39 26 10			
	27 34 05										
	30 33 10										

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6 h. 30 m.	h. m.	7 h. m.	h. m.	h. m.	7 h. m.
09 18 20		09 24 20			09 33 10
15 19 20		15 25 20			15 32 10
21 16 10		24 26 10			21 34 10
27 02 15		33 12 20			27 36 15
33 03 20		39 12 20			
39 03 30					

CYPRUS SYNOPTIC 6h. ON 31st

34700 00990 08100 10282 10404 00230

34800 00990 98100 10281 60802 00220

UPPER AIR TEMP. ALMÂZA AT 5h G.M.T. ON 31st

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	1002	73	70
500	984	73	72
1000	966	73	69
1500	949	72	66
2000	932	70	65
4000	865	67	62
6000	802	70	48
8000	744	70	46
10000	689	64	46
12000	637	55	39
14000	589	46	32
16000	543	42	27

ANNUAL SUBSCRIPTION P.T. 150

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

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.

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

At 14h. on SATURDAY 31-8 — الساعة ١٤ يوم السبت ٣١/٨

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	°C (ttt)	% Humidity (uu)	Rain 8-14 mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	9	28	2	0	0	—	12.8	27.7	67	0	131
MARIUT	00	7	29	3	0	1	8	11	31	62	0	150
ALEXANDRIA	00	9	04	3	0	0	—	10.8	30.4	63	0	132
DAMIETTA	00	8	28	3	1	0	—	10.0	29.0	64	0	159
PORT SA'ID	00	8	32	3	0	3	8	10.2	32.0	65	0	134
EL 'ARÎSH												135
LOWER EGYPT												
DAMANHÛR	01	7	04	3	1	3	8	10.3	33.2	42	0	136
MANSÛRA	01	8	04	2	1	3	8	9.9	33.4	44	0	137
ṬANṬA	00	8	28	2	0	0	—	10.0	34.0	45	0	138
ZAGAZIG	01	6	02	2	1	4	8	9.8	32.8	44	0	139
SHEBÎN EL KÔM	01	8	30	2	1	4	8	10.0	34.6	38	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	00	7	04	4	1	3	8	8.8	34.0	35	0	141
CAIRO EZBEKÎYA	00	8	32	3	0	0	—	9.1	32.9	41	0	—
CAIRO GÎZA	00	8	32	3	0	2	8	9.5	32.5	45	0	—
ḤELWÂN	00	8	32	3	0	1	8	8.4	33.9	32	0	143
SUEZ	00	9	02	2	0	0	—	8.8	33.0	38	0	144
UPPER EGYPT												
FAIYÛM	00	8	32	3	0	0	—	8.6	32.6	38	0	153
MINYA	00	8	32	4	0	0	—	8.4	33.3	40	0	154
ASYÛṬ	00	8	20	1	0	0	—	8.6	32.9	34	0	155
NAG' ḤAMÂDI	00	8	00	0	0	0	—	8.0	34.5	32	0	164
QENA	00	9	26	2	0	0	—	6.4	37.8	17	0	156
LUXOR												157
ASWÂN	00	9	28	1	0	0	—	5.8	40.5	15	0	158
WESTERN DESERT												
SÎWA	00	8	28	2	0	0	—	12.4	33.6	38	0	148
BAḤARÎYA	00	9	32	1	0	0	—	11.[illegible]	36.2	33	0	149
KHÂRGA	00	9	28	2	0	0	—	9.1	36.9	22	0	151
DAKHLA	00	9	32	1	0	0	—	10.0	37.0	30	0	152
RED SEA												
ṬÛR	00	7	28	4	0	0	—	6.6	30.9	74	0	145
HURGHÂDA	00	8	02	4	0	0	—	—	32.7	50	0	146
QUSEIR	00	8	02	2	0	0	—	6.4	34.2	50	0	147
PORT SÛDÂN	00	7	08	5	0	2	8	3	38	48		208
NORTH SÛDÂN												
WÂDI ḤALFA	00	8	02	3	0	0	—	5	39	15		165
KAREIMA	00	8	00	0	0	1	2	7	39	28		166
'ATBARA												167
KHARTÛM	01	8	18	3	2	4	2,1	7	36	35		209
KASSALA	01	8	14	2	1	4	8	7	33	53		170
CENTRAL SÛDÂN												
WAD MEDANI												171
RENK	01	9	12	3	1	4	8	—	32	55		182
ROSEIRES	01	8	20	1	0	4	8	9	32	63		172
EL OBEID	02	9	20	3	1	5	4,1	8	31	55		174
EL FÂSHER	02	9	16	2	1	5	8,4	—	32	43		175
GENEINA	02	8	10	2	1	5	8,4	—	29	52		179
KADUGLI	02	8	20	3	1	5	9	9	32	50		187
S. SÛDÂN												
MALAKÂL	01	8	32	2	1	4	9	8	31	55		176
WÂU												177
JUBA	02	8	28	2	1	5	4,4	11	26	70		178

At 20h. on 31-8 — الساعة ٢٠ يوم السبت ٣١/٨

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	°C (ttt)	% Humidity (uu)	Rain 14-20 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	8	02	2	0	0	—	12.6	26.3	81	0
MARIUT	00	7	30	3	0	1	6	11	26	79	0
ALEXANDRIA	00	6	04	2	0	0	—	11.5	26.0	76	0
DAMIETTA	00	8	30	2	0	0	—	10.2	26.5	80	0
PORT SA'ID	14	8	32	5	0	0	—	9.9	27.0	76	0
EL 'ARÎSH	00	9	30	3	0	0	—	9.5	27.9	82	0
LOWER EGYPT											
DAMANHÛR	00	7	04	2	1	0	—	10.6	25.8	82	0
MANSÛRA	00	6	04	1	1	0	—	10.4	26.2	77	0
ṬANṬA	00	8	28	1	0	0	—	10.8	26.0	81	0
ZAGAZIG	00	6	32	2	0	0	—	10.2	26.4	71	0
SHEBÎN EL KÔM	00	7	02	2	0	0	—	9.8	25.9	66	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	7	04	3	0	0	—	9.2	29.8	37	0
CAIRO EZBEKÎYA	00	6	02	3	0	0	—	10.0	29.1	50	0
CAIRO GÎZA	00	8	32	1	0	0	—	10.4	27.2	59	0
ḤELWÂN	00	7	04	4	0	0	—	9.1	29	51	0
SUEZ	00	9	02	1	0	0	—	10.2	29.0	58	0
UPPER EGYPT											
FAIYÛM	00	8	30	1	0	0	—	8.2	29.3	47	0
MINYA	00	8	02	2	0	0	—	8.8	28.8	50	0
ASYÛṬ	00	6	28	1	0	0	—	8.3	29.1	39	0
NAG' ḤAMÂDI	00	8	00	0	0	0	—	8.6	31.9	38	0
QENA	00	6	26	2	0	0	—	6.6	30.0	54	0
LUXOR	00	6	28	3	0	0	—	7.6	31.8	15	0
ASWÂN	00	9	30	2	0	0	—	6.6	35.0	15	0
WESTERN DESERT											
SÎWA	00	—	00	0	0	0	—	12.4	31.0	44	0
BAḤARÎYA	00	9	32	1	0	0	—	11.5	27.5	60	0
KHÂRGA	00	9	32	1	0	0	—	9.2	31.2	31	0
DAKHLA	00	7	32	3	0	0	—	13.4	26.0	47	0
RED SEA											
ṬÛR	00	7	28	3	0	0	—	5.2	30.5	63	0
HURGHÂDA	00	8	28	4	0	0	—	—	30.9	53	0
QUSEIR	00	8	02	2	0	0	—	6.0	30.8	52	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI ḤALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 31-8 — الرياح العليا يوم ٣١/٨

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ID	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
12h. m.	12h.45m.	12h.30m.	h. m.	h. m.	12h.30m.	h. m.	13h.15m.	13h. m.	13h.30m.	13h. m.	13h. m.	13h. m.	13h. m.
03 34 05	03 35 15	03 02 10			03 28 10		09 35 25		09 24 35	09 19 20	09 22 15	09 01 10	09 02 20
06 00 00	06 33 15	06 04 15			06 30 25		15 33 35	15 23 05	15 24 15	15 20 25	15 22 15	15 27 05	15 03 25
09 13 10	09 04 15	09 02 15			09 30 25		21 30 25	21 29 15	21 18 05	21 21 20		21 36 15	21 07 15
15 10 10	12 05 20	15 02 25			15 28 20		27 28 35	27 01 10	24 17 05	27 31 05		27 35 15	27 12 15
21 01 05	18 04 25	21 30 15			21 21 15				30 05 25			33 02 15	33 11 20
27 34 15	21 04 20	30 27 20			27 24 15				39 09 30			39 07 10	39 10 25
30 36 15	24 35 05				30 26 05								
39 00 00													
51 32 20													

Remarks

Hours are Egyptian standard time, long. 30° E and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	1st	11008	6179
	31-8	11296	6127

STATION	Mean of day: Humidity % on 31-8	Humidity Diff from normal	Wet Bulb Temp °C on 31-8	Wet Bulb Temp Diff from normal
Alexandria	70	0	24.1	+1.5
Ezbekîya	56	-7	22.6	+0.3
Gîza	62	-3	22.7	+0.9
Ḥelwân	52	0	21.1	+0.7

GÎZA — GRASS MINIMUM TEMP. ON 1st 17.6 °C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 1st 27.1 °C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				14.20	+0.40
Nasser					
Malakâl				12.54	+0.59
J. Aulia Res.				376.84	—
J. Aulia D.S				376.84	+1.42
Roseires		20.70	+1.60	21.18	+2.07
Sennar Res.		17.18	—	17.20	—
Khartûm				17.10	+1.41
Kh. el Girba				14.94	+0.72
'Atbara		16.44	+1.30	16.38	+1.24
Kajnarti		144.43	+2.69	144.28	+2.61
Aswân Res.		110.85	—	110.15	—
Aswân D.S		93.50	+1.41	93.50	+1.42
Roda (Cairo)		20.29	+1.79	20.29	+1.80

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on SUNDAY 1st — الساعة ٨ يوم الأحد ١

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Pressure M.S.L. 1000+ mbs. (ppp)	Diff. from normal mbs.	Temperature Dry Bulb °C (ttt)	Maximum Yesterday °C (MM)	Maximum Diff. from norm. °C	Minimum Today °C (mm)	Minimum Diff. from norm. °C	% Humidity (uu)	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
MEDITERRANEAN																		
SALÛM											—		—					100
MATRÛH	00	9	28	2	0	0	—	12.0	-0.1	25.3	—	—	—	—	83	0	101	161
MARIUT	00	8	29	2	0	0	—	10		28	31	—	24	—	62	0	187	138
ALEXANDRIA	00	9	04	2	2	0	—	10.6	-1.3	27.4	32	+2	24	+1	64	0	170	186
DAMIETTA	00	8	28	3	1	2	8	9.2	-1.7	27.1	30	—	24	—	76	0	81	106
PORT SA'ID	00	8	28	3	0	0	—	9.0	-1.4	28.8	33	+2	25	+2	74	0	71	81
EL 'ARÎSH	01	9	20	1	0	4	8	9.1	-1.8	29.2	31	+1	22	+2	75	0	—	94
LOWER EGYPT																		
DAMANHÛR	00	6	24	3	0	0	—	9.6	-1.9	26.8	34	+2	21	+1	71	0	92	101
MANSÛRA	01	8	32	1	1	4	8	9.8	-1.6	27.0	35	+1	23	+3	80	0	66	55
ṬANṬA	00	8	28	1	0	0	—	10.0	-1.8	25.0	34	0	20	+1	90	0	107	44
ZAGAZIG	01	6	20	1	1	4	8	10.2	-1.8	23.8	33	-1	20	+1	90	0	24	27
SHEBÎN EL KÔM	00	8	28	1	0	0	—	9.5	-2.3	25.4	35	—	20	—	82	0	36	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	02	1	2	5	6	10.2	-1.4	25.0	34	—	22	—	81	0	10	—
CAIRO EZBEKÎYA	05	6	32	1	0	5	8	10.8	-0.8	25.0	34	0	23	+2	76	0	22	26
CAIRO GÎZA	09	6	32	2	2	6	6	10.6	-1.0	24.8	34	+1	20	+1	80	0	41	27
ḤELWÂN	00	7	00	0	0	3	8	10.3	-1.0	24.7	35	+1	21	0	77	0	20	29
SUEZ	01	9	02	1	1	5	8	10.7	+0.1	27.0	35	0	24	+2	76	0	—	17
UPPER EGYPT																		
FAIYÛM	02	8	32	2	2	5	8	10.7	-0.7	24.7	34	-1	22	+2	78	0	13	8
MINYA	00	7	32	3	1	0	—	9.9	-0.7	26.4	34	-1	22	+1	73	0	dr.	—
ASYÛṬ	00	7	30	2	0	0	—	9.6	-0.7	28.8	34	-1	23	+1	56	0	0	4
NAG' ḤAMÂDI	00	8	00	0	0	0	—	8.3	-1.0	28.0	37	—	21	—	55	0	1	—
QENA	00	8	22	2	0	0	—	7.8	-0.8	28.6	38	-2	23	0	57	0	13	—
LUXOR	00	7	28	1	0	0	—	7.9	-0.9	30.0	43	+2	22	-0	25	0	0	—
ASWÂN	00	9	30	1	0	0	—	8.4	-0.1	30.3	42	+2	25	0	27	0	dr.	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	13.0	+0.5	24.0	35	-2	18	-1	78	0	5	8
BAḤARÎYA	00	9	08	1	0	0	—	11.5	-0.7	28.0	37	+2	20	+1	57	0	0	7
KHÂRGA	00	9	00	0	0	0	—	10.0	0.0	26.7	37	-1	21	-1	51	0	1	—
DÂKHLA	00	8	28	2	0	0	—	10.8	-0.3	27.0	37	-1	21	-1	37	0	0	—
RED SEA																		
ṬÛR	00	7	28	3	0	0	—	7.6	-0.8	28.1	32	-1	—	—	79	0	0	13
HURGHÂDA	00	8	30	5	0	0	—	—	—	28.3	34	0	21	-3	50	0	1	3
QUSEIR	00	8	32	2	0	0	—	6.2	-1.6	31.2	34	+1	27	+1	41	0	11	4
PORT SÛDÂN	00	7	20	2	0	0	—	4		36					50	0	62	106
NORTH SÛDÂN																		
WÂDI ḤALFA	00	8	02	1	0	0	—	9		29					25	0	Tr.	—
KAREIMA																0	19	26
'ATBARA	00	8	22	2	0	2	4	8		31					46	0	92	65
KHARTÛM	01	8	26	3	1	3	4,1	9		29					52	0	183	146
KASSALA	00	8	18	2	1	1	4	9		29					62	0	329	268
CENTRAL SÛDÂN																		
WAD MEDANI	02	9	24	3	1	6	6	10		25					79	0	390	336
RENK	05	6	12	3	1	8	6	14		24	—		—		79	—	—	430
ROSEIRES	02	8	16	1	5	5	7,5	13		23					94	1	729	652
EL OBEID	02	9	24	3	1	6	4,2	13		23					65	0	435	294
EL FÂSHER	01	8	00	0	1	4	4	—	—	23					78	0	180	281
GENEINA	02	6	00	0	0	5	6,4	—	—	21		—		—	95	—	—	496
KADUGLI	01	8	28	2	1	4	3	13		25		—		—	79	—	—	612
S. SÛDÂN																		
MALAKÂL	02	8	00	0	1	7	6,4	14		24					94	0	833	697
WÂU	02	8	16	1	1	5	4	13		23					84	25	980	940
JUBA	02	8	16	1	0	5	1	15		22					94	3	1064	857

UPPER WINDS ON 1st — الرياح العليا يوم ١

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ID	HELWÂN	MINYA	ASYÛṬ	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
6h.30m.	6h45m.	h. m.	9h. m.	h. m.	7h. m.	h. m.	7h. m.	7h.15m.	7h.15m.	h. m.	7h15m.
03 31 20	03 33 30		02 33 15		02 33 20		02 34 15	09 35 25	09 01 20		09 26 35
06 33 20	06 35 25		05 36 20		05 34 25		05 32 20	15 31 40	15 35 20		15 28 20
09 36 15	09 35 20		08 02 20		10 34 40		10 32 30	21 31 20	21 35 20		21 29 20
15 01 25	15 35 20		10 02 25		15 35 40		15 26 15	24 28 50			27 25 20
21 36 35	21 01 15		15 02 30				20 25 30				33 25 20
30 36 25	27 36 25		20 35 20								39 23 20
45 34 30	33 30 10		25 28 15								
60 34 20	36 17 20		30 26 15								
75 31 30			35 28 10								

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7h. m.	7h. m.	7h. m.	7h15m.	7h. m.	h. m.
09 21 20	09 32 20	09 31 20	09 26 05	09 23 15	
15 25 25	15 33 20	15 33 15	15 29 15	15 22 25	
21 26 15	21 33 25	21 35 15	21 23 05	21 21 20	
27 29 15			27 24 10	27 18 05	
39 31 05			33 30 05	33 07 20	

UPPER AIR TEMP. ALMÂZA AT 6h. G.M.T ON 1st

HEIGHT FEET	P.P.P m.b.	T °C	T' °C
Surface	1000	75	73
500	982	72	70
1000	964	71	68
1500	947	76	57
2000	930	76	61
4000	864	65	57
6000	801	64	52
8000	743	64	52
10000	688	52	46
12000	636	47	39
14000	588	39	32
16000			

CYPRUS SYNOPTIC 8h. ON 1st

34700 00990 00000 07287 YXXXX 00XXX

ANNUAL SUBSCRIPTION P.T. 150

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	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	8
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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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.

Sunset 16 17 — Month SEPTEMBER 1946 — DAILY WEATHER REPORT — شهر سبتمبر 1946

At 14h. on SUNDAY 1st — الساعة ١٤ يوم الأحد ١

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (DD)	Wind Force (f)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	°C (TTT)	% Humidity (UU)	Rain 8-14 mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	9	28	3	0	0	—	11.0	28.6	57	0	131
MARIUT	00	7	28	4	0	0	—	10	29	59	0	150
ALEXANDRIA	00	9	28	3	0	0	—	11.1	29.6	55	0	132
DAMIETTA	00	8	28	3	0	0	—	8.3	28.5	68	0	159
PORT SA'ÎD	00	8	28	3	0	3	6	8.7	31.9	60	0	134
EL 'ARÎSH	00	9	28	4	0	0	—	8.2	29.9	71	0	135
LOWER EGYPT												
DAMANHÛR	00	7	32	4	0	0	—	9.2	30.3	53	0	136
MANSÛRA	01	8	32	3	1	4	8	8.6	33.0	47	0	137
TANTA	00	8	28	2	0	0	—	8.8	32.0	52	0	138
ZAGAZIG	00	6	28	2	0	2	8	8.3	32.8	41	0	139
SHEBÎN EL KÔM	00	8	02	2	0	2	8	8.6	34.2	39	0	00
MIDDLE EGYPT												
CAIRO ALMÂZA	00	8	32	2	0	0	—	8.1	32.4	33	0	141
CAIRO EZBEKÎYA	00	8	30	2	0	0	—	8.8	32.4	40	0	—
CAIRO GÎZA	00	8	30	2	0	0	—	8.8	32.3	33	0	—
HELWÂN	00	8	30	1	0	0	—	8.3	32.2	27	0	143
SUEZ	00	9	02	2	0	0	—	8.4	32.6	38	0	144
UPPER EGYPT												
FAIYÛM	00	8	32	3	0	0	—	7.9	33.0	28	0	153
MINYA	00	9	24	4	0	0	—	8.3	34.2	26	0	154
ASYÛT	00	8	30	2	0	0	—	7.6	34.0	26	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	6.3	34.5	37	0	164
QENA	00	9	22	2	0	0	—	4.8	38.4	19	0	156
LUXOR	00	7	30	2	0	0	—	5.4	39.0	29	0	157
ASWÂN	00	9	22	2	0	0	—	5.6	37.0	20	0	158
WESTERN DESERT												
SÎWA	00	8	00	0	0	0	—	14.0	33.0	41	0	148
BAHARÎYA												149
KHÂRGA	00	9	32	1	0	0	—	7.9	35.6	30	0	151
DAKHLA	00	9	28	2	0	0	—	9.9	36.0	29	0	152
RED SEA												
TÛR	00	7	28	4	0	0	—	4.8	32.2	58	0	145
HURGHÂDA	00	8	32	3	0	0	—	—	32.4	49	0	146
QUSEIR	00	8	32	2	0	0	—	5.6	33.0	50	0	147
PORT SÛDÂN	00	7	36	4	0	1	8	4	35	50		208
NORTH SÛDÂN												
WÂDI HALFA	00	8	32	2	0	0	—	6	38	16		165
KAREIMA	00	8	00	0	0	0	—	6	38	25		166
'ATBARA	00	8	30	1	0	2	4,2	—	40	15		167
KHARTÛM	01	8	32	2	1	3	8	5	38	24		209
KASSALA	02	8	22	2	1	5	8	5	36	42		170
CENTRAL SÛDÂN												
WAD MEDANI	01	8	24	3	1	4	8	5	35	44		171
RENK												182
ROSEIRES	02	8	16	2	1	5	8	10	30	66		172
EL OBEID	02	9	24	1	1	5	9,2	8	30	49		174
EL FASHER	01	9	16	2	1	5	9,2	—	32	43		175
GENEINA	02	8	20	3	1	5	8	—	29	55		179
KADUGLI	02	8	28	4	1	6	9	8	32	49		187
S. SÛDÂN												
MALAKÂL	02	8	14	2	1	7	4,8	9	28	70		176
WÂU												177
JUBA	02	8	32	1	1	6	8,4	10	30	55		178

At 20h. on 1st — الساعة ٢٠ يوم الأحد ١

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (DD)	Wind Force (f)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	°C (TTT)	% Humidity (UU)	Rain 14-20 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	8	28	3	0	0	—	9.9	27.0	67	0
MARIUT	00	7	28	2	0	0	—	9	25	74	0
ALEXANDRIA	00	6	32	2	0	0	—	9.6	26.0	68	0
DAMIETTA	00	7	28	2	0	0	—	8.3	25.8	76	0
PORT SA'ÎD	00	8	30	2	0	0	—	8.3	26.4	76	0
EL 'ARÎSH	00	9	32	2	0	0	—	8.0	27.2	82	0
LOWER EGYPT											
DAMANHÛR	00	7	32	3	0	0	—	9.1	26.0	79	0
MANSÛRA	00	6	32	2	1	0	—	9.2	25.8	73	0
TANTA	00	8	24	1	0	0	—	9.5	25.0	85	0
ZAGAZIG	00	6	30	2	0	0	—	7.9	25.6	71	0
SHEBÎN EL KÔM	00	7	30	2	0	0	—	8.4	25.9	69	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	7	02	1	0	0	—	8.4	27.6	56	0
CAIRO EZBEKÎYA	00	7	30	2	0	0	—	9.2	28.5	50	0
CAIRO GÎZA	00	8	30	1	0	0	—	8.8	26.9	61	0
HELWÂN	00	7	30	4	0	0	—	8.3	28.7	46	0
SUEZ	00	9	02	2	0	0	—	8.3	30.4	44	0
UPPER EGYPT											
FAIYÛM	00	8	32	1	0	0	—	7.6	28.1	52	0
MINYA	00	8	30	1	0	0	—	7.8	28.6	44	0
ASYÛT	00	6	30	1	0	0	—	7.5	29.7	42	0
NAG' HAMÂDI	00	8	24	1	0	0	—	6.0	29.8	35	0
QENA	00	6	24	2	0	0	—	4.8	30.4	47	0
LUXOR	00	6	28	3	0	0	—	5.0	31.8	20	0
ASWÂN	00	9	28	2	0	0	—	5.4	33.0	18	0
WESTERN DESERT											
SÎWA	00	5	00	0	0	0	—	11.5	28.0	44	0
BAHARÎYA	00	—	00	0	0	0	—	10.6	29.0	52	0
KHÂRGA	00	—	32	1	0	0	—	—	31.8	35	0
DAKHLA	00	7	28	2	0	0	—	10.1	26.0	41	0
RED SEA											
TÛR	00	7	28	3	0	0	—	4.8	31.2	63	0
HURGHÂDA	00	8	32	2	0	0	—	—	27.3	50	0
QUSEIR	00	8	02	2	0	0	—	5.2	30.4	51	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FASHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 1st — الرياح العليا يوم ١

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13h.30m.	12h.15m.	13h. m.	13h. m.	13h. m.	h. m.	13h. m.
							09 34 20	09 24 05	09 29 25	09 24 20	09 27 20		09 02 05
							15 33 30	15 31 05	15 32 10	15 22 15	15 27 00		15 02 10
							21 31 20	21 28 10	21 02 10	21 20 10	18 20 55		21 03 20
							27 32 20		24 01 15	27 20 05			27 32 15
							33 27 15		30 05 20				33 07 05
									39 13 15				39 32 10

UPPER WINDS ON 2nd — الرياح العليا يوم ٢

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
7h.15m.	6h.45m.	6h.30m.	8h.45m.	6h.30m.	7h. m.	6h.30m.	7h. m.	7h.30m.	7h. m.	h. m.	7h. m.
03 31 20	03 31 15	03 28 10	02 36 10	03 01 25	02 28 10	03 33 15	05 33 30	09 01 35	09 34 35		09 25 40
06 31 20	06 31 15	06 32 10	05 36 15	06 34 30	05 02 35	06 34 20	10 33 25	15 31 30	15 32 35		15 30 30
09 33 20	09 34 15	09 29 10	10 32 10	09 32 45	10 01 20	09 33 20	15 31 40	21 30 60	21 28 40		
15 36 35	15 35 20	12 32 10	15 04 15	15 32 55		12 34 15	20 25 15		27 23 30		
21 35 35	21 35 20	18 08 15	20 01 20	21 35 25		15 32 20	25 32 20		33 29 05		
	27 33 10		25 01 10	24 35 20		18 18 02	30 30 10		39 36 10		
	45 35 10		30 12 10	27 30 05		21 04 05	35 15 20				
	48 34 15		40 22 05	30 34 20		27 30 02	40 17 10				
	51 32 10		50 29 20	33 02 10							

UPPER WINDS ON 2nd — الرياح العليا يوم ٢

KASSALA	PORT SÛDÂN	EL OBEID	EL FASHER	GENEINA	MALAKAL
h. m.	7h.15m.	h. m.	7h. m.	7h. m.	h. m.
	09 26 05		09 31 05	09 34 15	
	15 31 25		15 02 20	15 32 15	
	21 32 40		21 35 05	21 27 10	
			27 06 10	27 21 10	
			33 09 10	30 21 10	
			36 13 05		

UPPER AIR TEMP. ALMÂZA AT 6h. GMT ON 2nd

HEIGHT FEET	P.P.P. m.b.	T.T. °F	t.t. °F
Surface	1000	73	69
500	982	71	66
1000	964	69	65
1500	947	67	63
2000	930	70	54
4000	864	67	58
6000	801	67	59
8000	743	61	65
10000	688	54	50
12000	636	46	43
14000	588	37	31
16000	542	33	29

CYPRUS SYNOPTIC 8h. ON 2nd

34700 00790 00000 06281 40106 00180
34800 00790 32200 06260 41003 00180

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 1st	Humidity Diff. from normal	Wet Bulb Temp. on 1st	Wet Bulb Temp. Diff. from normal
Alexandria	64	-6	16.7	-5.9
Ezbekîya	57	-6	21.9	-0.4
Gîza	65	0	21.9	+0.2
Helwân	58	+6	20.8	+0.4

GÎZA — GRASS MINIMUM TEMP. ON 2nd 15.6 °C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 2nd 27.1 °C

Discharges at Aswan measured by sluices m³ per sec.	DATE	1946	1945
	2nd	10947	6488
	1st	11008	6179

GAUGE	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nasser		10.41	+0.33	10.38	+0.32
Malakâl		12.58	+0.62	12.56	+0.61
J. Aulia Res.		376.86	—	376.87	—
J. Aulia D.S	2nd	376.98	+1.52	376.96	+1.54
Roseires		20.19	+1.09	20.70	+1.60
Sennar Res.					
Khartûm		17.14	+1.46	17.18	+1.42
Kh. el Girba				14.60	+0.44
Atbara		16.42	+1.30	16.44	+1.30
Kajnarti		144.28	+2.52	144.32	+2.59
Aswân Res.		111.50	—	110.85	—
Aswân D.S		93.50	+1.38	93.50	+1.41
Roda (Cairo)		20.27	+1.75	20.29	+1.79

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on MONDAY 2nd — الساعة ٨ يوم الاثنين ٢

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (DD)	Wind Force (f)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Temperature Dry Bulb °C (TTT)	Maximum Yesterday °C (MM)	Maximum Diff. from norm. °C	Minimum Today °C (mm)	Minimum Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct. 1 mms
MEDITERRANEAN																		
SALÛM													—	—				100
MATRÛH	01	9	28	3	0	4	—	9.6	-2.6	27.6	29	+1	25	+3	76	0	101	161
MARIUT	00	8	29	1	0	0	—	9	—	28	30	—	23	—	58	0	187	138
ALEXANDRIA	00	9	28	2	0	0	—	9.2	-2.9	28.0	30	0	24	+1	54	0	170	186
DAMIETTA	00	8	22	2	0	0	—	8.7	-2.4	26.2	30	—	20	—	77	0	81	106
PORT SA'ÎD	00	8	26	2	0	0	—	9.0	-1.5	26.2	33	+2	24	+1	72	0	71	81
EL 'ARÎSH	00	9	20	2	0	0	—	8.6	-2.4	27.9	31	+1	21	+1	72	0	—	94
LOWER EGYPT																		
DAMANHÛR	00	7	24	3	0	0	—	9.4	-2.2	25.0	32	0	20	0	78	0	92	101
MANSÛRA	00	8	24	1	0	0	—	8.8	-2.7	26.5	34	0	19	-1	69	0	66	55
TANTA	00	8	24	1	0	0	—	9.5	-2.4	24.0	32	-2	18	-1	83	0	107	44
ZAGAZIG	00	6	20	2	0	0	—	9.2	-3.0	25.4	34	0	19	0	78	0	24	27
SHEBÎN EL KÔM	00	9	32	1	0	0	—	9.2	-2.7	27.0	36	—	22	—	68	0	36	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	00	0	0	0	—	8.9	-2.8	24.5	34	—	21	—	76	0	10	—
CAIRO EZBEKÎYA	05	6	26	1	0	1	8	9.5	-2.2	25.9	34	+1	22	+1	65	0	22	26
CAIRO GÎZA	00	7	28	1	0	0	—	9.5	-2.2	25.1	33	0	18	-1	73	0	41	27
HELWÂN	00	6	32	2	0	2	6	9.5	-1.9	23.6	33	-1	20	-1	76	0	20	29
SUEZ	00	9	02	1	0	0	—	8.9	-1.4	25.8	35	0	22	0	73	0	—	17
UPPER EGYPT																		
FAIYÛM	00	8	32	2	0	0	—	9.5	-2.0	25.0	34	-1	20	0	70	0	13	8
MINYA	00	9	02	2	0	0	—	9.5	-1.2	25.8	34	0	20	-1	72	0	dr.	—
ASYÛT	00	7	28	2	0	0	—	9.2	-1.2	27.3	35	0	22	0	55	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	8.4	-0.9	30.2	36	—	22	—	51	0	1	—
QENA	00	8	26	2	0	0	—	7.8	-0.9	31.8	39	-1	23	0	32	0	13	—
LUXOR	00	7	28	2	0	0	—	7.4	-1.5	30.0	40	-1	22	0	—	0	0	—
ASWÂN	00	9	00	0	0	0	—	8.0	-0.5	31.5	39	-1	24	-1	29	0	dr.	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	12.4	-1.2	24.6	36	-1	19	0	87	0	5	8
BAHARÎYA	00	9	32	1	0	0	—	—	—	28.0	38	+3	20	+1	57	0	0	7
KHÂRGA	00	9	00	0	0	0	—	9.9	-0.2	25.6	36	-2	21	-1	50	0	1	—
DAKHLA	00	8	28	1	0	0	—	10.4	-0.8	28.5	36	-2	22	0	31	0	0	—
RED SEA																		
TÛR	00	7	04	3	0	0	—	5.8	-2.2	33.1	34	+1	—	—	66	0	0	13
HURGHÂDA	00	8	04	4	0	0	—	—	—	30.2	34	0	23	-1	53	0	1	3
QUSEIR	00	8	32	3	0	0	—	5.2	-2.8	31.3	34	+1	26	0	48	0	11	4
PORT SÛDÂN	00	9	00	0	0	0	—	5		37					18	0	73	106
NORTH SÛDÂN																		
WÂDI HALFA	00	8	00	0	0	2	—	9		27					42	0	Tr.	—
KAREIMA																0	25	26
'ATBARA	02	8	32	2	1	5	4,1	8		31					46	0	94	65
KHARTÛM	01	8	20	4	1	4	4,1	9		29					52	0	184	146
KASSALA																0	381	270
CENTRAL SÛDÂN																		
WAD MEDANI	02	8	20	3	1	7	5	11		29					55	0	382	339
RENK	02	8	20	3	2	5	4	—		24		—		—	84	—	—	434
ROSEIRES	02	8	16	1	2	6	8	13		23					94	4	660	659
EL OBEID	22	8	12	2	6	7	6,4	11		23					89	2	516	298
EL FÂSHER	02	9	32	1	1	5	4,2	—	—	23					78	0	207	285
GENEINA	02	8	00	0	1	6	4	—	—	22		—		—	88	—	—	503
KADUGLI	02	8	04	2	1	6	9	13		24		—		—	84	—	—	616
S. SÛDÂN																		
MALAKÂL	25	8	08	1	8	8	6,5	13		23					94	Tr.	914	703
WÂU	02	8	00	0	1	5	4	13		23					84	0	1045	946
JUBA	01	8	10	1	1	4	4,1	14		24					84	0	1117	860

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 2nd — الرياح العليا يوم ٢

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
7h.15m.	6h.45m.	6h.30m.	8h.45m.	6h.30m.	7h. m.	6h.30m.	7h. m.	7h.30m.	7h. m.	h. m.	7h. m.
03 31 20	03 31 15	03 28 10	02 36 10	03 01 25	02 28 10	03 33 15	05 33 30	09 01 35	09 34 35		09 25 40
06 31 20	06 31 15	06 32 10	05 36 15	06 34 30	05 02 35	06 34 20	10 33 25	15 31 30	15 32 35		15 30 30
09 33 20	09 34 15	09 29 10	10 32 10	09 32 45	10 01 20	09 33 20	15 31 40	21 30 60	21 28 40		
15 36 35	15 35 20	12 32 10	15 04 15	15 32 55		12 34 15	20 25 15		27 23 30		
21 35 35	21 35 20	18 08 15	20 01 20	21 35 25		15 32 20	25 32 20		33 29 05		
	27 33 10		25 01 10	24 35 20		18 18 02	30 30 10		39 36 10		
	45 35 10		30 12 10	27 30 05		21 04 05	35 15 20				
	48 34 15		40 22 05	30 34 20		27 30 02	40 17 10				
	51 32 10		50 29 20	33 02 10							

KASSALA	PORT SÛDÂN	EL OBEID	EL FASHER	GENEINA	MALAKAL
h. m.	7h.15m.	h. m.	7h. m.	7h. m.	h. m.
	09 26 05		09 31 05	09 34 15	
	15 31 25		15 02 20	15 32 15	
	21 32 40		21 35 05	21 27 10	
			27 06 10	27 21 10	
			33 09 10	30 21 10	
			36 13 05		

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	c

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

ANNUAL SUBSCRIPTION P.T. 150

Sunset 18 h

DAILY WEATHER REPORT

Month September 1946 — شهر سبتمبر ١٩٤٦

At 14 h. on Monday 2nd — الساعة ١٤ يوم الاثنين ٢

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	°C Temp. (TTT)	% Humidity (UU)	Rain 8-14 h. mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	01	9.	30	3	1	4	8	10.6	28.6	76	0	131
MARIUT	00	7	29	3	0	0	—	8	30	59	0	150
ALEXANDRIA	00	9	02	2	0	0	—	8.2	30.3	67	0	132
DAMIETTA	00	8	28	3	0	0	—	7.8	28.9	60	0	159
PORT SA'ÎD	00	8	30	3	0	0	—	7.5	31.8	61	0	134
EL 'ARÎSH	00	9	32	4	0	0	—	7.6	29.1	77	0	135
LOWER EGYPT												
DAMANHÛR	00	7	04	3	0	0	—	7.9	31.7	45	0	136
MANSÛRA	01	8	02	1	1	3	8	7.6	33.2	49	0	137
TANTA	00	8	28	2	0	0	—	7.8	32.8	54	0	138
ZAGAZIG	00	6	30	2	0	0	—	7.4	31.6	47	0	139
SHEBÎN EL KÔM	00	8	02	2	0	0	—	7.2	32.9	40	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	00	8	01	2	0	0	—	7.3	32.6	27	0	141
CAIRO EZBEKÎYA	00	8	30	2	0	0	—	7.5	32.5	37	0	—
CAIRO GÎZA	00	8	32	2	0	0	—	8.0	31.8	35	0	—
HELWÂN	00	8	26	2	0	0	—	7.4	31.5	25	0	143
SUEZ	00	9	02	2	0	0	—	7.6	32.8	24	0	144
UPPER EGYPT												
FAIYÛM	00	8	26	2	0	0	—	7.4	32.5	34	0	153
MINYA	00	9	04	3	0	0	—	7.4	32.7	32	0	154
ASYÛT	00	8	26	1	0	0	—	7.6	32.2	30	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	6.3	34.9	30	0	164
QENA	00	9	26	2	0	0	—	5.1	38.3	14	0	156
LUXOR	00	7	14	2	0	0	—	6.4	40.0	25	0	157
ASWÂN	00	9	30	2	0	0	—	3.9	38.0	12	0	158
WESTERN DESERT												
SÎWA	00	8	00	0	0	0	—	11.2	35.0	48	0	148
BAHARÎYA									32	1	0	0	—	—	27.0	56	0	149
KHÂRGA	00	9	32	1	0	0	—	7.1	36.0	52	0	151
DAKHLA	00	9	28	1	0	0	—	7.8	36.3	29	0	152
RED SEA												
TÔR	00	7	28	4	0	0	—	5.9	33.1	44	0	145
HURGHADA	00	8	32	4	0	0	—		32.4	51	0	146
QUSEIR	00	8	32	2	0	0	—	5.1	33.2	49	0	147
PORT SUDÂN	00	8	06	4	0	0	—	2	37	40		
NORTH SÛDÂN												
WÂDI HALFA	00	8	02	3	0	2	2	5	38	19		165
KAREIMA												166
'ATBARA	00	8	28	3	0	0	—	4	39	13		167
KHARTÛM												
KASSALA												170
CENTRAL SÛDÂN												
WAD MEDANI	01	8	18	3	1	3	3	5	34	36		171
RENK	01	9	20	3	1	5	8	—	27	66		182
ROSEIRES	02	8	12	1	5	5	7,5	8	27	84		172
EL OBEID	01	8	24	2	1	5	4,4	6	32	52		174
EL FÂSHER	02	9	14	1	1	5	4,2	—	33	41		175
GENEINA	02	8	31	2	1	6	8,1	—	29	57		179
KADUGLI	01	8	28	3	1	4	9	8	31	55		187
S. SÛDÂN												
MALAKÂL	02	8	18	2	1	5	8,4	8	30	66		176
WÂU	01	8	16	1	1	4	9	10	31	49		177
JUBA	02	8	08	1	1	5	8,1	8	31	66		178

At 20 h. on 2nd — الساعة ٢٠ يوم الاثنين ٢

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	°C Temp. (TTT)	% Humidity (UU)	Rain 14-20 h. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	01	8	28	3	1	4	8	9.9	26.6	79	0
MARIUT	00	7	29	2	0	0	—	8	26	74	0
ALEXANDRIA	00	6	32	2	0	0	—	8.4	26.4	68	0
DAMIETTA	00	7	28	2	0	0	—	7.5	25.2	78	0
PORT SA'ÎD	00	8	30	3	0	0	—	7.8	26.3	72	0
EL 'ARÎSH	00	9	32	2	0	0	—	7.4	26.3	82	0
LOWER EGYPT											
DAMANHÛR	00	7	04	3	0	0	—	8.0	25.3	83	0
MANSÛRA	00	6	02	2	1	0	—	8.0	25.2	74	0
TANTA	01	8	24	1	1	4	8	8.8	25.6	81	0
ZAGAZIG	00	6	24	2	0	0	—	8.0	27.0	69	0
SHEBÎN EL KÔM	00	7	30	2	0	0	—	7.1	25.9	65	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	7	06	1	0	0	—	7.1	30.4	34	0
CAIRO EZBEKÎYA	00	7	03	2	0	0	—	7.8	28.1	55	0
CAIRO GÎZA	00	8	00	0	0	0	—	7.8	26.7	60	0
HELWÂN	00	7	03	2	0	0	—	7.1	29.0	43	0
SUEZ	00	9	02	2	0	0	—	7.9	29.0	46	0
UPPER EGYPT											
FAIYÛM	00	8	32	1	0	0	—	6.8	26.7	57	0
MINYA	00	9	32	1	0	0	—	7.1	28.8	38	0
ASYÛT	00	8	23	1	0	0	—	7.2	28.3	40	0
NAG' HAMÂDI	00	8	00	0	0	0	—	6.2	25.1	56	0
QENA	00	6	22	2	0	0	—	5.1	29.0	52	0
LUXOR	00	6	28	3	0	0	—	5.2	31.8	11	0
ASWÂN	00	9	00	0	0	0	—	4.4	35.0	15	0
WESTERN DESERT											
SÎWA	00	5	00	0	0	0	—	9.8	33.0	50	0
BAHARÎYA	00	9	32	1	0	0	—	—	27.0	56	0
KHÂRGA	00	9	32	1	0	0	—	7.5	32.0	30	0
DAKHLA	00	7	28	1	0	0	—	9.4	28.0	30	0
RED SEA											
TÔR	00	7	28	4	0	0	—	4.3	31.5	48	0
HURGHADA	00	8	28	3	0	0	—		28.4	46	0
QUSEIR	00	8	32	2	0	0	—	5.4	29.2	59	0
PORT SUDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 2nd — الرياح العليا يوم ٢

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHADA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
13 h. 30 m.	h. m.	13 h. 45 m.	h. m.	h. m.	13 h. 30 m.	h. m.	h. m.	h. m.	14 h. m.	h. m.	13 h. m.	13 h. m.	13 h. m.
03 32 20		03 25 14			03 33 05				09 26 25		09 22 15	09 19 16	09 36 05
06 31 25		06 30 15			06 29 05				15 26 30		21 07 20	15 20 15	15 35 05
09 31 20		09 31 05			09 30 05				21 30 10		24 07 25	21 17 15	21 35 10
12 31 20		15 02 15			15 16 05				27 30 15			27 19 15	27 04 05
		21 33 05			21 25 05				30 35 15			33 15 10	33 05 05
												39 15 10	39 12 10

At 8 h. on Tuesday 3rd — الساعة ٨ يوم الثلاثاء ٣

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Temperature Dry Bulb °C (TTT)	Maximum Yesterday °C (MM)	Maximum Diff. from norm °C	Minimum Today °C (mm)	Minimum Diff. from norm °C	% Humidity (UU)	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
MEDITERRANEAN																		
SALÛM													—		—			100
MATRÛH	01	9	28	2	1	4	8	9.6	-2.8	26.2	29	+1	22	0	79	0	101	161
MARIUT	00	7	27	2		2	6	9	—	27	30	—	22	—	74	0	187	138
ALEXANDRIA	01	9	28	2	1	4	8	9.1	-3.1	27.0	31	+1	24	+1	69	0	170	156
DAMIETTA	00	7	32	2	1	0	—	8.3	-2.9	25.9	31	—	20	—	79	0	81	106
PORT SA'ÎD	02	8	30	2	2	5	8	8.8	-1.8	26.6	32	+1	23	0	78	0	71	81
EL 'ARÎSH	00	9	00	0	0	0	—	8.6	-2.6	29.1	31	+1	25	+5	69	0	-	94
LOWER EGYPT																		
DAMANHÛR	00	7	30	4	0	0	—	8.3	-3.5	25.8	33	+1	21	+1	80	0	92	101
MANSÛRA	00	8	14	1	0	0	—	8.9	-2.8	26.9	34	0	20	0	77	0	66	55
TANTA	01	8	20	1	1	4	8	8.1	-3.7	26.4	33	-1	19	0	79	0	107	44
ZAGAZIG	00	6	20	1	0	0	—	8.8	-3.5	25.2	33	-1	19	0	81	0	24	27
SHEBÎN EL KÔM	00	8	02	2	0	2	8	8.4	-3.6	26.9	35	—	20	—	72	0	36	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	32	1	1	4	6,8	8.8	-3.0	25.0	34	—	21	—	76	0	10	—
CAIRO EZBEKÎYA	05	6	02	1	1	4	6,8	9.2	-2.6	25.2	33	0	22	+1	74	0	22	26
CAIRO GÎZA	05	6	32	2	2	4	8	9.1	-2.7	25.0	33	0	19	0	74	0	41	27
HELWÂN	00	7	32	1	0	1	6	8.8	-2.7	24.0	33	-1	21	0	76	0	20	29
SUEZ	00	9	30	1	0	0	—	9.4	-1.4	26.4	34	-1	21	-1	69	0	—	17
UPPER EGYPT																		
FAIYÛM	00	9	32	3	0	0	—	8.7	-2.9	25.0	34	-1	21	+1	74	0	13	8
MINYA	00	9	02	2	0	0	—	8.4	-2.4	27.6	34	0	20	0	64	0	dr	—
ASYÛT	00	7	22	1	0	0	—	8.3	-1.7	26.0	35	0	20	-2	50	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	9.2	-0.2	26.1	36	—	22	—	55	0	1	—
QENA	00	8	22	2	0	0	—	8.7	-0.1	27.2	38	-2	23	0	44	0	13	—
LUXOR	00	7	28	1	0	0	—	—	—	30.0	40	+1	21	+1	25	0	0	—
ASWÂN	00	9	00	0	0	0	—	7.8	-0.8	28.5	39	-1	24	-1	29	0	dr	.
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	11.5	-2.3	26.0	37	+1	20	+1	84	0	5	8
BAHARÎYA	00	9	32	1	0	0	—	9.4	-3.0	29.0	39	+4	21	+2	58	0	0	7
KHÂRGA	00	9	00	0	0	0	—	9.4	-0.8	25.3	36	-2	20	-2	40	0	1	—
DÂKHLA	00	8	28	1	0	0	—	9.8	-1.5	27.5	36	-2	20	-2	33	0	0	—
RED SEA																		
TÔR	00	7	28	3	0	0	—	5.5	-2.6	29.1	34	+1			61	0	0	13
HURGHÂDA	00	8	30	4	0	0	—			29.6	33	-1	23	-1	54	0	1	3
QUSEIR	00	8	30	2	0	0	—	5.4	-2.7	32.2	35	+2	26	0	32	0	11	4
PORT SÛDÂN	00	7	14	2	0	0	—	6		36					27	0	7.5	16
NORTH SÛDÂN																		
WÂDI HALFA	00	8	00	0	0	2	1	8		27					33	0	61	—
KAREIMA																0	25	26
'ATBARA	00	8	24	4	0	0	—	7		31					26	0	94	65
KHARTÛM	00	8	18	3	1	2	1	9		30					55	0	184	147
KASSALA	01	8	18	3	1	4	6,4,5	10		27					70	0	381	272
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	18	4	0	3	3	7		27					70	0	382	342
RENK	01	8	12	3	1	5		—		26		—		—	95	—	—	437
ROSEIRES	00	8	16	1	1	2	1	11		26					79	6	666	667
EL OBEID	02	7	18	3	1	8	4	10		29					53	0	516	301
EL FÂSHER	02	9	00	0	1	6	7,4,5	—	—	22					83	26	233	288
GENEINA								—	—			—		—		—	—	509
KADUGLI	02	8	30	2	1	5	4	12		23		—		—	84	—	—	621
S. SÛDÂN																		
MALAKÂL	02	8	00	0	1	7	4,5	11		25					89	0	914	709
WÂU	01	8	20	1	1	4	6,4	12		23					89	1	1046	952
JUBA	05	8	00	0	1	7	6,4,5	14		23					84	9	1117	864

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 3rd — الرياح العليا يوم ٣

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	8 h. 45 m.	7 h. m.	8 h. 45 m.	h. m.	7 h. m.	6 h. 30 m.	7 h. m.	h. m.	7 h. m.	h. m.	6 h. 30 m.
	03 32 15	03 26 10	05 35 15		03 29 10	03 30 05	02 34 10		09 34 25		09 24 35
	06 32 15	06 29 05	10 03 10		05 33 10	06 34 20	05 35 25		15 31 35		15 30 25
	09 35 15	09 31 05	15 04 10		10 30 15	09 32 10	10 35 05		21 27 40		21 33 05
	12 35 15	12 34 05	20 18 05			12 20 10	15 20 00		27 25 35		24 34 30
	15 06 30	15 01 15	25 20 05			15 21 10	20 20 10		33 24 15		30 03 15
	18 05 05	18 06 05	30 21 05				25 07 10		39 26 15		39 07 20
	21 35 05	21 18 05	40 02 15						✓		✓
	24 35 05	24 12 05	50 01 25								
	27 34 10	✓	54 02 30								

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6 h. 30 m.	h. m.	9 h. 15 m.	h. m.	h. m.	7 h. m.
09 20 30		09 23 30			09 32 15
15 22 45		15 22 05			15 28 15
21 32 50		21 09 15			21 20 05
27 23 20		27 08 25			27 18 05
33 15 10		33 06 35			33 19 05
39 03 05					39 20 05

UPPER AIR TEMP. ALMÂZA AT 6 h. GMT ON 3rd

HEIGHT FEET	P.P.P. m.b.	T.T. °F	t.t. °F
Surface	1000	74	72
500	992	70	67
1000	964	69	66
1500	947	68	65
2000	930	70	56
4000	864	72	48
6000	801	68	44
8000	743	61	40
10000	688	55	36
12000	636	49	32
14000	588	48	26
16000	542	34	24

CYPRUS	SYNOPTIC	8 h. ON 3rd			
34700	00990	08200	06281	80306	00180
34800	00890	24200	06261	802	00190

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 2nd	Humidity Diff from normal	Wet Bulb Temp °C on 2nd	Wet Bulb Diff from normal
Alexandria	59	-11	22.5	0.0
Ezbekîya	54	-9	21.0	-0.8
Gîza	61	-4	21.4	-0.3
Helwân	56	+3	20.1	-0.2

GÎZA — GRASS MINIMUM TEMP. ON 3rd 15.8 °C

CAIRO — WATER TEMP. AT 9 h. RIVER NILE ON 9th 27.2 °C

Discharges at Aswan measured by sluices m³ per sec.	DATE	1946	1945
	3-9	10891	7025
	2-9	10947	6488

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser				10.41	+0.33
Malakâl	9-1	12.58	+0.61	12.58	+0.52
J. Aulia Res.				376.96	-
J. Aulia D.S				376.95	+1.52
Roseires		19.30	+0.41	20.19	+1.09
Sennar Res.				17.23	-
Khartûm		17.09	+1.41	17.14	+1.46
Kh. el Girba				14.50	+0.42
'Atbara		16.37	+1.27	16.42	+1.30
Kajnarti				144.28	+2.52
Aswân Res.		112.20	-	111.50	-
Aswân D.S		93.50	+1.37	93.50	+1.38
Roda (Cairo)		20.25	+1.72	20.27	+1.75

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ANNUAL SUBSCRIPTION P.T. 150

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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.

Sunset 18 15 — Month September 1946

DAILY WEATHER REPORT

١٩٤٦ شهر سبتمبر

At 14h. on 3rd (الساعة ١٤ يوم ٣) — **At 20h. on 3rd** (الساعة ٢٠ يوم ٣)

	STATION	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h. mms	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h. mms	Station number
MEDITERRANEAN	SALÛM																							130
	MATRÛH	00	9	30	3	1	0	—	10.2	28.8	79	0	00	8	31	3	0	0	—	10.7	26.6	77	0	131
	MARIUT	00	7	29	3	0	1	6	8	30	62	0	00	7	29	1	0	0	—	9	26	77	0	150
	ALEXANDRIA	00	9	26	3	0	0	—	8.7	30.3	58	0												132
	DAMIETTA	00	8	30	3	1	0	—	8.0	28.9	67	0	00	7	28	1	0	0	—	8.3	25.2	84	0	159
	PORT SA'ÎD	00	8	32	3	0	0	—	8.2	31.2	66	0	00	8	30	3	0	0	—	8.7	26.3	76	0	134
	EL 'ARÎSH	00	9	28	3	0	0	—	7.9	28.9	76	0	00	9	32	2	0	0	—	8.6	26.3	85	0	135
LOWER EGYPT	DAMANHÛR	00	7	28	4	0	0	—	8.4	31.3	52	0	00	7	28	3	0	0	—	8.8	25.6	78	0	136
	MANSÛRA	01	8	32	1	1	4	8	7.6	33.2	53	0	00	6	32	2	1	0	—	9.0	25.8	78	0	137
	TANTA	00	8	28	2	2	0	—	7.7	33.6	49	0	00	8	32	1	0	0	—	9.9	23.0	88	0	138
	ZAGAZIG	00	6	28	2	0	0	—	8.7	32.2	45	0	00	6	32	2	0	0	—	7.4	26.4	75	0	139
	SHEBÎN EL KÔM	00	8	28	2	0	0	—	7.9	34.2	42	0	00	7	30	2	0	0	—	8.4	26.2	70	0	—
MIDDLE EGYPT	CAIRO ALMÂZA	00	8	32	2	0	0	—	8.0	32.5	41	0	00	7	04	1	0	0	—	8.4	30.6	47	0	141
	CAIRO EZBEKÎYA	00	7	30	2	0	0	—	8.2	31.7	46	0	00	7	32	3	0	0	—	9.0	27.3	55	0	—
	CAIRO GÎZA	00	8	30	2	0	0	—	8.4	31.9	44	0	00	8	32	1	0	0	—	8.8	27.4	63	0	—
	HELWÂN	00	7	28	3	1	0	—	7.6	31.4	38	0	00	7	02	2	0	0	—	8.3	29.3	43	0	143
	SUEZ	00	9	30	1	0	0	—	7.5	34.0	29	0	00	9	32	2	0	0	—	8.6	29.4	41	0	144
UPPER EGYPT	FAIYÛM	00	8	32	3	0	0	—	7.4	32.6	34	0	00	8	02	1	0	0	—	7.4	28.1	55	0	153
	MINYA	00	9	32	1	0	0	—	6.8	33.3	40	0	00	8	32	1	0	0	—	7.1	28.8	49	0	154
	ASYÛT	00	8	26	1	0	0	—	7.4	34.9	20	0	00	6	30	1	0	0	—	7.5	30.2	35	0	155
	NAG' HAMÂDI	00	8	24	1	0	0	—	6.6	35.0	27	0	00	8	00	0	0	0	—	6.3	26.8	57	0	164
	QENA	00	9	22	2	0	0	—	5.2	37.8	13	0	00	6	22	3	0	0	—	5.7	30.8	38	0	156
	LUXOR												00	6	24	2	0	0	—	6.2	30.8	23	0	157
	ASWÂN	00	9	00	0	0	0	—	4.3	38.3	15	0	00	9	00	0	0	0	—	5.9	35.0	18	0	158
WESTERN DESERT	SÎWA	00	8	00	0	0	0	—	11.2	34.6	44	0	00	—	00	0	0	0	—	10.6	30.8	49	0	148
	BAHARÎYA	00	9	00	0	0	0	—	—	35.4	31	0	00	9	32	1	0	0	—	—	28.0	57	0	149
	KHÂRGA	00	7	32	4	0	0	—	8.2	37.0	21	0	00	9	32	2	0	0	—	7.9	32.8	29	0	151
	DAKHLA	00	9	28	1	0	0	—	7.3	36.0	25	0	00	7	28	2	0	0	—	10.2	27.0	31	0	152
RED SEA	TÔR	00	7	28	4	0	0	—	5.2	30.9	32	0	00	7	28	3	0	0	—	4.8	30.5	61	0	145
	HURGHÂDA	00	8	32	4	0	0	—		32.6	47	0	00	8	28	3	0	0	—	—	27.6	37	0	146
	QUSEIR	00	8	32	2	0	0	—	4.7	33.2	57	0	00	8	28	1	0	0	—	4.2	30.2	55	0	147
	PORT SÛDÂN	00	8	08	4	0	0	—	4	38	29													169
NORTH SÛDÂN	WÂDI HALFA	00	8	24	3	0	1	1	6	37	18													165
	KAREIMA	00	8	00	0	0	0	—	5	37	33													166
	'ATBARA	00	8	28	2	0	1	8	4	39	—													167
	KHARTÛM																							168
	KASSALA	10	8	00	0	1	5	9.4	5	35	39													170
CENTRAL SÛDÂN	WAD MEDANI	01	8	18	3	0	5	8	4	36	17													171
	RENK	01	7	16	3	1	4	8	—	30	57													182
	ROSEIRES	01	8	18	1	0	4	8	8?	32	55													172
	EL OBEID	03	9	18	2	1	8	8.4	6	32	50													174
	EL FÂSHER	01	7	16	1	1	5	8.4	—	30	52													175
	GENEINA	02	8	18	2	1	5	8.4		29	62													179
	KADUGLI	01	8	24	3	1	4	9	8	31	55													187
S. SÛDÂN	MALAKÂL	02	8	18	3	1	5	8.4	7	31	55													176
	WÂU	01	8	20	1	1	5	8	7	31	58													177
	JUBA	02	8	04	2	1	7	5	9	29	46													178

UPPER WINDS ON 3rd (الرياح العليا يوم ٣)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH 13h. 30m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA 12h. 45m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13h. 15m.	KAREIMA 13h. m.	KHARTÛM 12h. 45m.	KASSALA 13h. m.	EL OBEID h. m.	MALAKAL 12h. 45m.	JUBA 12h. m.
03 33 30				03 35 15			07 32 15	09 31 20	09 30 15	09 24 10		09 23 05	09 13 05
06 33 20				06 32 20			15 31 15	15 24 35	15 30 20	15 34 05		15 23 15	15 19 10
09 34 25				09 33 30			21 29 35	21 21 20	21 31 30	21 26 10		21 23 15	21 20 05
12 33 20				12 34 25			27 27 25	27 31 15	24 32 20				27 25 05
15 33 20				15 34 20			33 29 20	33 28 15	30 35 05				33 25 10
21 31 20				18 36 15			39 30 10	39 36 40	39 09 45				39 24 10
27 31 15				21 36 15									
30 36 25				24 36 05									
36 33 25													

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day: Humidity % on 3rd	Diff from normal	Wet bulb temp °C on 3rd	Diff from normal
Alexandria	69	-1	23.4	+0.9
Ezbekiya	59	-4	22.6	+0.4
Gîza	63	-2	22.3	+0.7
Helwân	56	+3	21.2	+0.9

GÎZA — GRASS MINIMUM TEMP. ON 4th 16.4 °C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON 4th 27.1 °C

Discharges at Aswân measured by sluices m.³ per sec. DATE	1946	1945
4-9	10850	7088
3-9	10891	7025

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	4-9-46			13.90	+0.08
Nâsser					
Malakâl				12.58	+0.11
J. Aulia Res.					
J. Aulia D.S					
Roseires		19.50	+0.42	19.50	+0.41
Sennar Res.				17.18	
Khartûm		17.02	+1.34	17.09	+1.41
Kh. el Girba				14.40	+0.35
Atbara		16.34	+1.25	16.37	+1.27
Kajnarti					
Aswân Res.		112.80		112.20	
Aswân D.S		93.50	+1.35	93.50	+1.37
Roda (Cairo)		20.20	+1.66	20.25	+1.72

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on Wednesday 4th (الساعة ٨ يوم الاربعاء ٤)

	STATION	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry bulb °C TTT	Max. yesterday °C	Diff. from norm. °C	Min. today °C	Diff from norm. °C	% Humidity UU	Rainfall past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
MEDITERRANEAN	SALÛM												—		—				100
	MATRÛH	00	9	30	3	0	0	—	11.0	-1.5	28.2	29	+1	23	+2	73	0	101	161
	MARIUT	01	7	28	1	0	3	6	9		28	30	—	22	—	74	0	187	138
	ALEXANDRIA	02	9	00	0	1	5	4	9.9	-2.4	27.4	31	+1	24	+1	74	0	170	166
	DAMIETTA	00	6	20	2	0	0	—	9.1	-2.2	26.2	31	—	20	—	82	0	81	106
	PORT SA'ÎD	00	8	02	2	0	3	2	7.2	-1.6	27.1	32	+1	22	-1	76	0	71	81
	EL 'ARÎSH	00	9	00	0	0	0	—	9.5	-1.8	28.1	30	0	19	-1	71	0	—	94
LOWER EGYPT	DAMANHÛR	00	6	28	2	0	0	—	9.4	-2.5	26.3	32	0	21	+2	83	0	92	101
	MANSÛRA	02	8	24	1	2	5	8	7.8	-1.7	24.8	35	+1	20	0	83	0	66	55
	TANTA	01	8	28	1	1	4	8	10.2?	-1.9	24.8	34	0	19	+1	83	0	107	94
	ZAGAZIG	02	6	00	0	2	5	8	10.0	-2.4	23.8	33	-1	20	+1	88	0	24	27
	SHEBÎN EL KÔM	01	8	02	1	0	3	8	8.8	-3.3	26.8	35	—	20	—	70	0	36	—
MIDDLE EGYPT	CAIRO ALMAZA	00	7	02	1	2	0	—	9.2	-2.6	25.2	34	—	22	—	72	0	10	—
	CAIRO EZBEKÎYA	05	6	00	0	2	1	8	9.9	-2.1	26.0	34	+1	23	+2	70	0	22	26
	CAIRO GÎZA	05	6	32	1	2	4	8	9.6	-2.4	24.9	33	0	20	+1	75	0	41	27
	HELWÂN	00	7	32	1	0	0	—	9.5	-2.1	24.0	33	-1	20	-1	75	0	20	29
	SUEZ	00	9	30	2	0	0	—	9.8	-1.1	26.0	35	0	21	-1	72	0	—	17
UPPER EGYPT	FAIYÛM	01	8	32	3	1	4	8	9.6	-2.1	25.0	39	-1	21	+1	74	0	13	8
	MINYA	01	8	32	2	1	3	8	9.5	-1.4	26.3	34	0	21	+1	73	0	tr	—
	ASYÛT	00	7	28	1	0	0	—	9.2	-1.4	25.8	35	0	21	-1	62	0	0	4
	NAG' HAMÂDI	00	8	00	0	0	0	—	7.9	-1.6	27.3	36	—	21	—	56	0	1	—
	QENA	00	6	26	2	0	0	—	7.6	-1.3	27.0	37	0	23	0	41	0	13	—
	LUXOR	00	7	28	1	0	0	—	7.6	-1.5	31.0	40	-1	22	0	32	0	0	—
	ASWÂN	00	9	00	0	0	0	—	7.6	-1.1	30.3	40	0	24	-1	29	0	tr	
WESTERN DESERT	SÎWA	00	7	00	0	0	0	—	13.0	-0.9	24.3	37	+1	20	+1		0	5	8
	BAHARÎYA	00	9	00	0	0	0	—	—	—	27.0	37	+2	22	+3	58	0	0	7
	KHÂRGA	00	9	32	1	0	0	—	9.6	-0.6	25.3	37	-1	21	-1	42	0	1	—
	DÂKHLA	00	8	12	1	0	0	—	10.3	-1.1	30.0	37	-1	24	+2	36	0	0	
RED SEA	TÔR	00	7	00	0	0	0	—	5.0	-3.2	26.2	33	0	—	—	27	0	0	13
	HURGHÂDA	00	8	30	4	0	0	—	—	—	29.3	34	0	23	-1	55	0	1	3
	QUSEIR	00	8	32	3	0	0	—	5.2	-3.0	31.6	35	+2	27	+1	35	0	11	4
	PORT SÛDÂN	00	8	20	2	0	0	—	6?		34					36	0	73	66
NORTH SÛDÂN	WÂDI HALFA	00	8	30	2	0	0	—	9		27					30	0	tr	—
	KAREIMA	00	8	00	0	0	1		8		31					29	0	25	26
	'ATBARA	00	8	24	1	0	2	4	7		31					22	0	94	65
	KHARTÛM	00	8	22	3	1	2	4	9		27					58	3	184	147
	KASSALA	01	8	20	3	1	4	6.4	10		27					66	0	387	275
CENTRAL SÛDÂN	WAD MEDANI	02	9	28	4	1	5	3	10		24					84	10	292	344
	RENK												—		—		—		440
	ROSEIRES	02	8	28	2	1	7	7.5	19		23					84	33	697	675
	EL OBEID	01	8	18	3	8	8	9	13		21					74	25	514	304
	EL FÂSHER								—	—									271
	GENEINA								—	—			—		—				514
	KADUGLI	02	8	04	3	1	7	6	14		22		—		—	94	—		626
S. SÛDÂN	MALAKÂL	02	8	02	1	1	6	6	14		23					94	1	915	714
	WÂU																		958
	JUBA	03	9	00	0	1	8	6	14		23					94	0	1117	868

UPPER WINDS ON 4th (الرياح العليا يوم ٤)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH 6h. 30m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 8h. 47m.	MINYA h. m.	ASYÛT 7h. m.	LUXOR h. m.	ASWÂN 7h. m.	WÂDI HALFA 7h. 30m.	ABU HAMAD 7h. m.	KAREIMA 7h. m.	KHARTÛM 6h. 30m.
03 33 35			02 36 10		02 33 20		02 35 05	09 36 30	09 34 25	09 21 25	09 27 10
06 35 40			05 01 15		05 36 35		05 02 20	15 33 20	15 31 15	15 31 25	15 05 05
09 35 40			10 05 25		10 01 30		10 05 10		21 31 15	21 33 20	21 02 15
15 01 35			15 04 20						27 26 25	27 31 20	24 03 15
21 01 40			20 16 05						33 34 05	30 30 20	30 09 05
27 02 30			25 07 10						39 34 10	39 29 20	39 04 05
30 01 40			30 09 05								
36 02 40			40 02 35								
			47 36 20								

KASSALA h. m.	PORT SÛDÂN 1h. m.	EL OBEID h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL h. m.
	09 27 05				

UPPER AIR TEMP. ALMÂZA AT 05 G.M.T. ON 4th

HEIGHT feet	P.P.P m.b.	TT °F	tt °F
Surface	1000	72	70
500	982	70	67
1000	964	68	66
1500	947	65	64
2000	930	70	55
4000	864	75	48
6000	801	68	43
8000	743	63	39
10000	688	55	35
12000	636	49	32
14000	588	41	25
16000	543	33	21

CYPRUS SYNOPTIC 8h. ON 4th

34800 00990 24200 08280 90301 00210
34700 00990 08200 08282 30106 00XX0

ANNUAL SUBSCRIPTION P.T. 150

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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.

DAILY WEATHER REPORT

Sunset 18 14 — Month SEPTEMBER 1946 — ١٩٤٦ شهر سبتمبر

At 14h. on Wednesday 4th (الساعة ١٤ يوم) — **At 20h. on** (الساعة ٢٠ يوم الأربعاء ٤)

	STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN	SALÛM																							130
	MATRÛH	00	9	30	3	0	0	—	10.8	29.2	71	0	00	9	28	4	0	0	—	10.7	27.4	84	0	131
	MARIUT	00	7	30	3	0	0	—	8	30	66	0	00	7	30	1	0	2	6	9	26	89	0	150
	ALEXANDRIA	00	9	20	2	0	0	—	8.6	30.0	67	0	01	6	00	0	1	3	8	9.1	27.0	77	0	132
	DAMIETTA	00	7	30	3	0	0	—	8.0	30.6	49	0	00	6	30	2	0	0	—	8.2	26.0	84	0	159
	PORT SA'ÎD	00	8	30	3	0	0	—	8.4	31.8	51	0	00	8	30	3	0	0	—	8.4	26.7	78	0	134
	EL 'ARÎSH	00	9	32	4	0	0	—	8.2	28.9	77	0	00	9	00	0	0	0	—	8.4	25.2	87	0	135
LOWER EGYPT	DAMANHÛR	00	7	24?	3	0	0	—	8.3	32.8	47	0	00	7	28	3	0	0	—	8.8	26.6	78	0	136
	MANSÛRA	00	8	02	2	1	0	—	8.2	33.5	42	0	00	6	32	1	0	0	—	8.7	26.6	78	0	137
	TANTA	00	8	28	2	1	0	—	7.9	35.0	42	0	00	8	24	1	0	0	—	9.2	27.0	79	0	138
	ZAGAZIG	00	6	32	2	0	0	—	8.0	32.6	37	0	00	6	28	2	0	0	—	8.8	25.8	79	0	139
	SHEBÎN EL KÔM	00	8	04	2	0	0	—	7.6	33.8	40	0	00	8	02	2	0	0	—	7.9	26.9	75	0	—
MIDDLE EGYPT	CAIRO ALMÂZA	00	7	02	2	0	0	—	7.1	33.5	42	0	00	7	03	1	0	0	—	7.8	29.8	51	0	141
	CAIRO EZBEKÎYA	00	8	32	2	0	0	—	8.0	33.3	42	0	00	7	02	2	0	0	—	8.4	29.2	52	0	—
	CAIRO GÎZA	00	8	30	1	0	0	—	8.3	33.0	40	0	00	8	00	0	0	0	—	8.8	25.2	66	0	—
	HELWÂN	00	7	32	3	0	0	—	6.4	35.4	20	0	00	7	32	2	0	0	—	7.5	30.0	39	0	143
	SUEZ	00	9	30	2	0	0	—	6.7	36.0	20	0	00	9	30	2	0	0	—	7.6	31.6	39	0	144
UPPER EGYPT	FAIYÛM	00	8	32	2	0	0	—	6.8	34.2	26	0	00	8	32	1	0	0	—	7.1	28.0	47	0	153
	MINYA	00	9	30	3	0	0	—		32.8	36	0	00	8	32	1	0	0	—	6.7	29.3	47	0	154
	ASYÛT	00	8	26	1	0	0	—	7.2	34.0	27	0	00	6	26	1	0	0	—	7.2	29.3	33	0	155
	NAG' HAMÂDI	00	8	24	1	0	0	=	5.6	35.6	26	0	00	8	00	0	0	0	—	6.0	26.9	60	0	164
	QENA	00	9	24	2	0	0	—	3.9	40.6	25	0	00	6	22	2	0	0	—	4.7	31.6	41	0	156
	LUXOR												00	6	24	1	0	0	—	5.1	32.3	27	0	157
	ASWÂN	00	9	22	1	0	0	—	4.2	40.4	14	0	00	9	00	0	0	0	—	5.2	37.0	15	0	158
WESTERN DESERT	SÎWA	00	8	30	2	0	0	—	11.8	38.2	12	0	00	7	00	0	0	0	—	11.0	33.0	30	0	148
	BAHARÎYA																							149
	KHÂRGA	00	9	28	1	0	0	—	7.8	37.6	21	0	00	9	32	1	0	0	—	7.6	32.2	32	0	151
	DAKHLA	00	9	16	1	0	0	=	7.2	37.0	34	0	00	7	28	2	0	0	—	10.4	29.0	39	0	152
RED SEA	TÔR	00	7	28	3	0	0	—	5.9	32.1	58	0												145
	HURGHÂDA	00	8	32	3	0	0	—	—	33.1	45	0	00	8	28	2	0	0	—	—	25.2	48	0	146
	QUSEIR	00	8	02	2	0	0	—	5.0	34.2	54	0	00	8	22	1	0	0	—	4.0	30.0	62	0	147
	PORT SÛDÂN	01	9	08	4	1	5	2	6	33	41													169
NORTH SÛDÂN	WÂDI HALFA	00	8	30	2	0	0	—	5	37	16													165
	KAREIMA	00	8	30	2	0	0	—	4	39	12													166
	'ATBARA	00	8	30	1	0	1	1	3	39	12													167
	KHARTÛM	00	8	20	2	1	1	4	5	36	27													168
	KASSALA	01	8	20	3	1	4	8	5	33	47													170
CENTRAL SÛDÂN	WAD MEDANI																							171
	RENK	01	9	20	3	1	4	8	—	29	66													182
	ROSEIRES	01	8	20	1	1	3	8	8	29	70													172
	EL OBEID	02	8	20	3	1	7	4,5	7	29	59													174
	EL FÂSHER	93	8	10	3	9	8	6	4	20	—													175
	GENEINA																							179
	KADUGLI	02	8	20	3	1	6	9	9	28	66													187
S. SÛDÂN	MALAKÂL	01	9	22	2	1	3	8	9	29	59													176
	WÂU	02	8	32	2	1	5	8,1	8	29	59													177
	JUBA																							178

UPPER WINDS ON 4th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
13 h. m.	h. m.	12 h. 30 m.	h. m.	12 h. 45 m.	12 h. 30 m.	h. m.	13 h. 15 m.	13 h. m.	13 h. m.	13 h. m.	13 h. m.	h. m.	h. m.
03 34 40		03 30 10		03 35 15	03 32 15		09 35 25	09 29 20	09 26 05	09 22 20	09 28 10		
06 35 40		06 36 05		06 32 20	06 32 10		15 35 30	15 29 18	15 33 18	15 21 20	15 03 05		
09 33 40		09 07 10		09 34 20	09 30 15		21 35 20	21 31 10	21 03 15	21 22 30			
15 36 30		12 06 15		12 35 20	12 28 15		27 33 10		24 04 10	27 21 20			
21 01 40		18 07 15		15 01 15	15 23 05		33 29 05		30 03 18	33 24 20			
30 02 30		21 08 15		18 32 05	18 36 05		39 25 05		39 02 15				
		24 01 05		21 02 05	21 27 02								
		27 36 05		24 14 05	24 18 05								
		30 29 05		27 14 10									

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time.

STATION	Mean of day: Humidity % on 4th	Diff. from normal	Wet bulb temp. °C on 4th	Diff. from normal
Alexandria	73	+4	24.5	+2.1
Ezbekiya	55	-8	22.6	+0.5
Giza	65	0	21.9	+0.3
Helwan	53	0	20.7	+0.4

GIZA — Grass minimum temp. on 5th 18.2°

Discharges at Aswan measured by sluices m³ per sec.	Date	1946	1945
	5-9	10819	6911
	4-9	10850	7088

CAIRO — Water temp. River Nile on 5th 27.1°

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	5-9	—	—	—	—
Nâsser		—	—	—	—
Malakâl		—	—	12.59	+0.61
J. Aulia Res.		—	—	377.00	—
J. Aulia D.S		—	—	376.79	+1.36
Roseires		19.78	+0.72	19.50	+0.42
Sennar Res.		—	—	17.20	—
Khartûm		—	—	17.02	+1.34
Kh. el Girba		—	—	14.20	+0.18
Atbara		16.33	+1.25	16.30	+1.25
Hajnarti		—	—	—	—
Aswân Res.		113.35	—	112.80	—
Aswân D.S		93.50	+1.36	93.50	+1.35
Roda (Cairo)		20.20	+1.66	20.20	+1.66

At 8h. on Thursday 5th (الساعة ٨ يوم الخميس ٥)

	STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	% Humidity UU	Rain past 24 hrs mms.	Total from Oct. 1 mms.	Norm from Oct. 1 mms.
MEDITERRANEAN	SALÛM												—		—				100
	MATRÛH	00	9	28	3	0	0	—	10.2	-2.4	27.0	30	+2	23	+2	79	0	101	161
	MARIUT	00	7	28	2	0	0	—	8		28	30	—	23	—	79	0	187	138
	ALEXANDRIA	00	9	28	2	0	0	—	8.7	-3.8	27.0	32	+2	25	+2	78	0	170	126
	DAMIETTA	04	5	20	2	4	6	6	8.2	-3.3	24.8	32	—	23	—	95	0	81	106
	PORT SA'ÎD	00	8	26	2	0	3	6	8.4	-2.5	26.2	33	+2	23	0	80	0	71	81
	EL 'ARÎSH	00	9	00	0	0	0	—	8.4	-3.0	26.9	31	+1	20	0	78	0	—	94
LOWER EGYPT	DAMANHÛR	09	5	24	2	4	0	—	8.6	-3.5	24.6	35	+3	21	+2	93	0	92	101
	MANSÛRA	01	8	20	1	1	4	8	8.4	-3.4	27.5	38	+4	21	+1	77	0	66	55
	TANTA	01	8	28	1	1	4	8	8.8	-3.4	26.4	35	+1	21	+3	85	0	107	44
	ZAGAZIG	02	6	20	1	2	5	8	8.8	-3.7	25.6	34	0	21	+2	85	0	24	27
	SHEBÎN EL KÔM	00	8	22	1	0	2	8	8.6	-3.6	27.3	35	—	24	—	70	0	36	—
MIDDLE EGYPT	CAIRO ALMAZA	00	7	00	0	1	3	6	8.6	-3.5	24.0	35	—	21	—	83	0	10	—
	CAIRO EZBEKÎYA	05	6	00	0	2	2	8	9.4	-2.7	25.6	35	+2	23	+2	76	0	32	26
	CAIRO GÎZA	09	6	30	1	1	2	8	9.4	-2.7	25.2	34	+1	21	+2	80	0	41	27
	HELWÂN	09	4	00	0	0	2	5	9.0	-2.7	23.1	36	+3	20	-1	84	0	20	29
	SUEZ	00	9	30	1	0	0	—	9.0	-2.0	28.8	39	+4	20	-2	43	0	—	17
UPPER EGYPT	FAIYÛM	00	8	32	3	0	0	—	8.4	-3.4	25.7	35	0	22	+2	67	0	13	8
	MINYA	02	8	32	3	2	5	8	8.4	-2.6	25.9	34	0	21	+1	71	0	[illegible]	—
	ASYÛT	00	7	26	1	0	0	—	8.7	-2.1	26.0	36	+1	21	-1	55	0	0	4
	NAG' HAMÂDI	00	8	00	0	0	0	—	7.8	-1.8	28.8	36	—	19	—	54	0	1	—
	QENA	00	8	28	1	0	0	—	7.1	-1.9	30.2	41	+2	25	+2	40	0	13	—
	LUXOR												—		—				
	ASWÂN	00	9	00	0	0	0	—	6.8	-2.0	31.0	41	+1	26	+1	32	0	[illegible]	
WESTERN DESERT	SÎWA	00	7	00	0	0	0	—	12.3	-1.7	26.2	40	+4	21	+2	75	0	5	8
	BAHARÎYA																	0	7
	KHÂRGA	00	9	00	0	0	0	—	8.4	-1.1	24.4	38	0	20	-2	46	0	1	—
	DÂKHLA	00	8	28	2	0	0	—	9.5	-2.0	27.0	37	0	22	0	37	0	0	—
RED SEA	TÔR	00	7	00	0	0	0	—	5.6	-2.7	24.9	34	+1	—	—	62	0	0	13
	HURGHÂDA	00	8	28	3	0	0	—	—	—	30.6	34	0	23	-1	45	0	1	3
	QUSEIR	00	8	28	1	0	0	—	5.8	-2.8	32.3	35	+2	25	-1	26	0	11	4
	PORT SÛDÂN	00	9	00	0	0	1	4	5		33					30	0	73	106
NORTH SÛDÂN	WÂDI HALFA	00	8	00	0	0	0	—	8		28					35	0	Tr	—
	KAREIMA																		26
	'ATBARA	01	8	00	0	0	4	2	8		30					43	0	94	65
	KHARTÛM	00	8	20	3	0	1	2	9		29					57	0	124	148
	KASSALA	01	8	18	2	1	4	4,1	9		28					66	0	381	278
CENTRAL SÛDÂN	WAD MEDANI	00	9	18	3	0	2	3	10		27					70	0	392	347
	RENK	02	8	16	2	1	6	4	—		25		—		—	94	—		444
	ROSEIRES	01	8	12	2	0	5	7,5	13		24					84	1	700	683
	EL OBEID	02	9	18	2	1	5	4	11		24					89	0	541	307
	EL FÂSHER	01	9	00	0	1	4	4	—	—	22					94	13	296	293
	GENEINA								—	—			—		—				518
	KADUGLI	02	8	28	2	1	5	4	12		23		—		—	74	—		631
S. SÛDÂN	MALAKÂL	01	8	20	2	1	4	6,4	12		26					84	0	965	720
	WÂU	01	8	00	0	1	3	4	13		23					78	0	1046	964
	JUBA	01	8	16	3	1	4	4	14		24					79	0	817	872

UPPER WINDS ON 5th (الرياح العليا يوم ٥)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
6 h. 30 m.	6 h. 45 m.	h. m.	h. m.	h. m.	7 h. m.	h. m.	7 h. m.	7 h. 30 m.	7 h. m.	7 h. m.	h. m.
03 33 25	03 32 20				02 33 10		02 01 10	09 01 20	09 30 20	09 17 35	
06 02 30	06 33 20				05 35 15		05 02 20	15 31 10	15 28 20	21 19 30	
09 01 25	09 31 20				10 34 15		10 02 15	21 31 05	21 24 25	32 31 45	
12 01 30	12 31 20						15 04 10	27 16 05	27 29 30		
15 35 30	15 32 20						20 07 00	33 15 25	33 21 20		
21 34 30	18 35 20										
24 33 25	21 32 10										
	24 32 20										
	27 34 20										

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6 h. 45 m.	7 h. m.	7 h. 30 m.	7 h. m.	h. m.	7 h. m.
09 18 30	09 33 05	09 25 20	09 35 10		09 35 35
15 23 25		15 16 05	15 09 05		15 09 25
21 21 25		21 08 20	21 18 05		21 24 20
27 31 25					27 34 20
33 34 30					

UPPER AIR TEMP. ALMÂZA AT 05 G.M.T. ON

HEIGHT feet	P.P.P m.b.	TT °F	Td °F
Surface	1000	72	70
500	982	70	68
1000	964	68	66
1500	947	72	62
2000	930	81	45
4000	864	72	53
6000	801	67	44
8000	743	61	41
10000	688	56	37
12000	636	49	32
14000	588	43	28
16000	541	35	27

CYPRUS SYNOPTIC 8h. ON 5th

34850 00961 24201 07291 20201 00220
34700 00990 10200 06282 30101 00180

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

ANNUAL SUBSCRIPTION P.T. 150

Sunset 17 12 — Month September 1946 — DAILY WEATHER REPORT — شهر سبتمبر ١٩٤٦

At 14h. on Thursday 5th — الساعة ١٤ يوم ٥

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	°C Temp. (TTT)	% Humidity (UU)	Rain 8-14 mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	9	28	3	0	0	—	9.2	27.0	63	0	131
MARIUT	00	7	28	3	0	0	—	7	31	66	0	150
ALEXANDRIA	00	9	30	3	0	0	—	7.5	30.4	61	0	132
DAMIETTA	00	7	30	2	1	0	—	6.8	32.2	68	0	159
PORT SA'ÎD	00	6	30	2	0	0	—	7.4	33.1	62	0	134
EL 'ARÎSH	00	9	32	3	0	0	—	7.4	29.9	70	0	135
LOWER EGYPT												
DAMANHÛR	00	7	32	3	0	0	—	7.2	32.8	57	0	136
MANSÛRA	00	8	02	1	1	0	—	6.6	35.5	45	0	137
TANTA	00	8	28	1	1	0	—	7.2	35.0	44	0	138
ZAGAZIG	00	6	29	1	0	0	—	6.8	33.8	39	0	139
SHEBÎN EL KÔM	00	8	02	2	0	0	—	7.5	36.6	37	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	00	8	32	1	0	0	—	6.2	35.3	29	0	141
CAIRO EZBEKÎYA	00	8	02	2	0	0	—	5.8	35.3	34	0	—
CAIRO GÎZA	00	8	30	1	0	0	—	6.2	34.7	28	0	142
HELWÂN	00	7	28	4	0	0	—	5.9	34.5	25	0	143
SUEZ												144
UPPER EGYPT												
FAIYÛM	00	8	32	2	0	0	—	6.0	35.4	37	0	153
MINYA	00	9	02	3	1	0	—	5.6	35.3	37	0	154
ASYÛT	00	8	32	1	0	0	—	6.4	36.0	25	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	5.1	36.9	28	0	164
QENA	00	9	32	2	0	0	—	4.4	41.0	27	0	156
LUXOR												157
ASWÂN	00	9	00	0	0	0	—	2.8	41.5	13	0	158
WESTERN DESERT												
SÎWA	00	8	00	0	0	0	—	11.0	36.3	43	0	148
BAHARÎYA	00	9	32	1	0	0	—		34.0	36	0	149
KHÂRGA	00	9	02	2	0	0	—	6.8	38.9	25	0	151
DAKHLA	00	9	28	1	0	0	—	6.6	37.2	24	0	152
RED SEA												
TÛR	00	7	28	3	0	0	—	5.4	32.8	46	0	145
HURGHÂDA	00	8	02	3	0	0	—	—	34.2	41	0	146
QUSEIR	00	8	02	2	0	0	—	4.2	35.0	47	0	147
PORT SÛDÂN	00	9	10	3	0	2	3	3	38	37		169
NORTH SÛDÂN												
WÂDI HALFA	00	8	28	2	0	0	—	4	39	16		165
KAREIMA	00	8	32	3	0	1	2	5	39	13		166
'ATBARA	01	8	00	0	1	3	8,4	4	38	15		167
KHARTÛM	01	8	30	2	0	4	8,4	4	38	21		168
KASSALA	02	8	20	2	1	6	9	5	35	44		170
CENTRAL SÛDÂN												
WAD MEDANI	01	8	10	4	0	5	8	4?	35	35		171
RENK	02	9	26	3	1	5	8		32	41		182
ROSEIRES	01	8	24	1	1	4	8	9	31	55		172
EL OBEID	01	9	00	0	1	4	9	7	31	55		174
EL FÂSHER	01	9	14	3	1	3	8,4		31	43		175
GENEINA	02	8	22	2	1	5	8,4		28	46		179
KADUGLI	01	8	20	3	1	4	9	8	31	55		187
S. SÛDÂN												
MALAKÂL	02	8	18	2	1	6	8,4	7	31	59		176
WÂU	03	8	24	2	1	4	8	7?	29	52		177
JUBA	02	8	18	2	6	8	9	8	28	58		178

At 20h. on Thursday 5th — الساعة ٢٠ يوم الخميس ٥

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	°C Temp. (TTT)	% Humidity (UU)	Rain 14-20 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	8	28	4	0	0	—	9.6	27.2	73	0
MARIUT	00	7	28	1	0	3	6	7	26	84	0
ALEXANDRIA	00	6	32	2	0	0	—	8.0	26.6	80	0
DAMIETTA	00	7	30	1	0	0	—	6.8	26.2	86	0
PORT SA'ÎD	00	8	30	3	0	0	—	7.0	27.3	82	0
EL 'ARÎSH	00	9	32	1	0	0	—	7.1	27.2	85	0
LOWER EGYPT											
DAMANHÛR	00	7	32	2	0	0	—	8.2	26.3	82	0
MANSÛRA	00	6	32	1	0	0	—	6.8	27.4	78	0
TANTA	00	8	24	1	0	0	—	7.9	26.0	84	0
ZAGAZIG	00	6	32	2	0	0	—	7.2	28.0	70	0
SHEBÎN EL KÔM	00	7	30	2	0	0	—	8.9	26.8	69	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	7	32	1	0	0	—	6.6	30.0	63	0
CAIRO EZBEKÎYA	00	8	02	2	0	0	—	7.6	28.7	53	0
CAIRO GÎZA	00	8	32	1	0	0	—	7.5	28.6	64	0
HELWÂN	00	7	32	3	0	0	—	6.3	31.0	42	0
SUEZ	00	9	30	1	0	0	—	6.3	30.8	36	0
UPPER EGYPT											
FAIYÛM	00	8	32	5	0	0	—	6.7	31.8	35	0
MINYA	00	8	32	1	0	0	—	6.8	32.8	36	0
ASYÛT	00	6	22	1	0	0	—	6.0	33.0	44	0
NAG' HAMÂDI	00	8	00	0	0	0	—	4.8	36.6	40	0
QENA	00	6	24	2	0	0	—	4.4	31.0	42	0
LUXOR	00	6	22	1	0	0	—	5.0	31.0	32	0
ASWÂN	00	9	00	0	0	0	—	3.4	36.2	20	0
WESTERN DESERT											
SÎWA	00		28	2	0	0	—	8.4	33.0	61	0
BAHARÎYA	00		00	0	0	0	—		28.0	51	0
KHÂRGA	00	9	32	1	0	0	—	7.0	34.8	29	0
DAKHLA	00	7	28	1	0	0	—	8.4	28.3	33	0
RED SEA											
TÛR	00	7	28	4	0	0	—	4.8	31.6	62	0
HURGHÂDA	00	8	32	2	0	0	—	—	28.6	37	0
QUSEIR	00	8	28	1	0	0	—	3.5	31.0	48	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 5th — الرياح العليا يوم ٥

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ID	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
13 h. 15 m.	13 h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13 h. 15 m.	12 h. 45 m.	13 h. 30 m.	13 h. m.	13 h. m.	13 h. m.	13 h. m.
03 33 65	03 31 15						09 26 05	09 23 12	09 31 05	09 23 05	09 28 10	09 29 05	09 31 05
06 35 40	06 30 20						15 32 15	21 29 30	15 01 05	15 25 05	15 09 05	15 25 10	15 31 05
09 01 45	09 31 25						21 28 30	27 28 15	21 01 05	21 26 10		21 29 20	21 28 05
15 01 35	15 32 20						27 19 20	33 29 30	29 01 15	27 15 05		27 29 10	27 28 05
21 03 30	21 29 30						33 12 20	39 33 140	30 09 05	33 11 05		33 21 05	33 30 05
27 01 20	30 27 25						39 17 20		39 16 15				
	39 31 30												
	45 32 20												
	60 01 25												

Remarks

Hours are Egyptian standard time, long 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	6-9	10778	6856
	5-9	10819	6911

STATION	Mean of day: Humidity % on 5th	Humidity Diff. from normal	Wet Bulb Temp. on 5th	Wet Bulb Temp. Diff. from normal
Alexandria	77	+8	24.6	+2.5
Ezbekîya	59	-4	21.9	-0.2
Gîza	67	+2	22.7	+1.2
Helwân	59	+6	21.4	+1.2

GÎZA — GRASS MINIMUM TEMP. ON 6th 20.1 °C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON 6th 27.3 °C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	6-9			14.06	+0.24
Nasser					
Malakâl				12.60	+0.61
J. Aulia Res.		376.92		376.91	
J. Aulia D.S		376.66	+1.25	376.75	+1.33
Roseires		19.99	+0.96	19.70	+0.72
Sennar Res.		17.20		17.20	
Khartûm		16.80	+1.13	16.95	+1.28
Kh. el Girba		14.20	+0.25	14.40	+0.40
Atbara		16.35	+1.38	16.33	+1.35
Kajnarti		144.11	+2.37		
Aswân Res.		113.90		113.35	
Aswân D.S		93.50	+1.34	93.50	+1.34
Roda (Cairo)		20.23	+1.62	20.20	+1.64

Printed by the Survey of Egypt 1945 (45/306)

At 8h. on Friday 6th — الساعة ٨ يوم الجمعة ٦

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Temperature Dry Bulb °C (TTT)	Maximum Yesterday °C (MM)	Maximum Diff. from norm. °C	Minimum Today °C (mm)	Minimum Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				100
MATRÛH	01	9	32	3	0	4	8	9.0	-3.7	27.4	30	+2	24	+3	84	0	101	181
MARIUT	01	7	00	0	1	3	6	8		29	32	—	23	—	76	0	187	138
ALEXANDRIA	01	9	28	1	1	4	8	8.2	-4.4	28.5	31	+1	25	+2	65	0	170	181
DAMIETTA	01	7	28	2	1	3	8	7.5	-4.1	26.8	34	—	23	—	80	0	81	116
PORT SA'ÎD	01	8	04	2	0	3	6	7.9	-3.1	26.4	34	+3	24	+1	76	0	71	81
EL 'ARÎSH	02	9	16	1	2	5	8	8.0	-3.6	27.3	31	+1	17	-1	61	0	—	94
LOWER EGYPT																		
DAMANHÛR	01	6	04	2	1	3	8	8.2	-4.1	25.2	34	+3	21	+2	84	0	92	101
MANSÛRA	01	8	12	1	1	4	8	8.0	-3.9	28.0	37	+3	22	+2	76	0	66	55
TANTA	00	8	16	1	0	3	8	8.8	-4.1	26.4	35	+1	20	+2	79	0	107	44
ZAGAZIG	01	6	24	1	1	3	8	7.8	-4.8	27.4	35	+1	22	+3	75	0	24	27
SHEBÎN EL KÔM	00	8	02	2	0	2	8	7.1	-5.3	27.7	37	—	23	—	70	0	36	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	04	1	2	5	6	7.4	-4.8	26.5	37	—	23	—	72	0	10	—
CAIRO EZBEKÎYA	07	5	28	1	1	5	6	8.0	-4.2	27.6	36	+3	24	+3	73	0	22	26
CAIRO GÎZA	05	5	30	1	1	3	8	8.0	-4.8	26.9	36	+3	23	+5	77	0	41	27
HELWÂN	00	7	00	0	0	0	—	7.4	-4.4	25.9	36	+3	23	+3	77	0	20	29
SUEZ	00	9	30	1	0	0	—	8.2	-2.9	28.8	38	+3	21	-1	65	0	—	17
UPPER EGYPT																		
FAIYÛM	00	8	02	2	0	0	—	7.2	-4.7	26.0	37	+2	23	+3	73	0	13	8
MINYA	00	9	02	2	1	0	—	7.8	-3.4	26.9	36	+2	21	+1	77	0	tr	—
ASYÛT	00	6	22	1	0	0	—	7.2	-3.7	27.5	37	+2	22	0	57	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	6.6	-3.1	29.9	38	—	20	—	54	0	1	—
QENA	00	8	24	1	0	0	—	5.8	-3.3	28.0	42	+3	24	+1	53	0	13	—
LUXOR	00	7	28	1	0	0	—	5.8	-3.6	32.4	43	+3	24	+2	27	0	0	—
ASWÂN	00	9	00	0	0	0	—	0.9	-3.0	32.0	43	+3	27	+2	31	0	tr	
WESTERN DESERT																		
SÎWA	00	7	28	2	0	0	—	10.4	-3.8	26.0	39	+3	21	+2	86	0	5	8
BAHARÎYA	00	9	32	1	0	0	—	9.0	-3.8	26.0	36	+1	20	+1	62	0	0	7
KHÂRGA	00	9	08	1	0	0	—	6.2	-2.9	27.7	40	+2	20	-2	51	0	1	—
DÂKHLA	00	8	24	1	0	0	—	9.3	-3.6	29.5	38	+1	20	-2	32	0	0	—
RED SEA																		
TÛR	00	7	28	3	0	0	—	5.5	-2.7	28.2	34	+8	—	—	65	0	0	13
HURGHÂDA	00	8	30	3	0	0	—	—	—	31.2	35	+1	23	-1	42	0	1	3
QUSEIR	00	8	30	2	0	0	—	4.4	-4.0	31.2	36	+3	25	-1	29	0	11	4
PORT SÛDÂN	00	9	12	3	0	0	—	5		35					44	0	73	116
NORTH SÛDÂN																		
WÂDI HALFA	00	8	00	0	0	0	—	7		28					35	0	5	—
KAREIMA	00	8	00	0	0	0	—	7		31					31	0	25	26
'ATBARA	00	8	28	3	1	3	4	7		30					38	0	94	65
KHARTÛM	01	8	32	4	1	4	1	9		28					55	0	189	149
KASSALA	01	8	14	3	1	4	6,8	10		28					66	0	281	286
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	20	4	0	3	3	10		27					58	0	372	349
RENK	01	8	16	3	2	5	4			25	—		—		79	—		447
ROSEIRES	02	8	12	1	2	5	4			29					84	1	701	691
EL OBEID	01	9	20	2	0	3	4	10		26					70	0	581	310
EL FÂSHER	02	9	22	1	1	5	4	—	—	22					88	0	346	275
GENEINA	01	6	00	0	1	5	6	—	—	21					94	0		521
KADUGLI	02	8	04	2	1	5	4	11		24		—		—	89	—		636
S. SÛDÂN																		
MALAKÂL	02	7	14	3	6	8	6,8	13		22					94	7	922	725
WÂU	03	8	24	2	1	5	4	12		23					84	0	1046	770
JUBA	02	8	10	1	1	6	6,8	13		24					84	3	1120	876

UPPER WINDS ON 6th — الرياح العليا يوم ٦

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ID	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	7 h. 15 m.	7 h. 15 m.	7 h. m.	6 h. 30 m.
								09 25 10	09 30 20	09 35 15	09 24 30
								15 22 15	15 27 20	15 31 15	15 27 20
								21 19 25	21 25 40	21 27 15	21 03 20
								27 18 40	29 23 40	27 26 25	29 00 10
								33 16 45	w	33 24 25	30 34 10
								39 16 65		39 25 25	✓
								✓		51 22 25	
										✓	

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6 h. 45 m.	h. m.	7 h. m.	7 h. m.	h. m.	h. m.
09 19 30		09 23 30	09 27 10		
15 20 45		15 22 30	15 16 10		
21 22 25		21 23 20	21 11 15		
27 24 10?		27 24 15	27 08 25		
33 03 30		33 23 10	33 05 20		
39 03 20		36 22 10	36 04 25		
		✓			

CYPRUS SYNOPTIC 8h. ON 6th

UPPER AIR TEMP. ALMÂZA AT 05 GMT ON 6th

HEIGHT Feet	P.P.P. m.b.	T.T. °F	°C
Surface	998	78	74
500	980	74.5	71
1000	962	71.5	69.5
1500	945	70	66.5
2000	928	77.5	58
4000	862	71	53.5
6000	800	61	48
8000	741	60	40
10000	686	52.5	34
12000	635	46	24.5
14000	586	38.5	27
16000	541	29	23

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

ANNUAL SUBSCRIPTION P.T. 150

Sunset 18 11

DAILY WEATHER REPORT

Month SEPTEMBER 1946 — شهر سبتمبر 1946

At 14h. on FRIDAY 6th — الساعة ١٤ يوم ٦

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	Temp. °C (ttt)	% Humidity (uu)	Rain 8-14 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	01	9	32	3	1	4	8	4.6	28.6	80	0
MARIUT	00	7	30	3	0	1	8	7	30	70	0
ALEXANDRIA	00	9	04	2	0	0	—	6.6	30.4	64	0
DAMIETTA	00	8	02	2	1	0	—	7.0	30.0	67	0
PORT SA'ÎD	00	8	02	2	0	0	—	7.1	31.3	66	0
EL 'ARÎSH											
LOWER EGYPT											
DAMANHÛR	00	7	32	3	0	0	—	7.0	32.3	54	0
MANSÛRA	00	8	04	1	1	0	—	6.8	35.0	50	0
ṬANṬA	00	8	20	1	0	0	—	6.2	35.0	43	0
ZAGAZIG	00	6	24	1	0	0	—	7.0	33.6	49	0
SHEBÎN EL KÔM	00	8	02	2	0	0	—	6.2	34.2	46	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	7	32	3	0	0	—	7	34	47	0
CAIRO EZBEKÎYA	00	7	30	3	0	0	—	5.6	34.7	41	0
CAIRO GÎZA	00	8	30	2	0	0	—	5.6	33.8	48	0
ḤELWÂN	00	7	28	4	0	0	—	5.1	33.0	45	0
SUEZ	00	9	30	2	0	0	—	5.4	36.8	20	0
UPPER EGYPT											
FAIYÛM	00	8	02	2	0	0	—	5.6	34.8	31	0
MINYA	00	9	32	3	0	0	—	5.4	34.9	32	0
ASYÛṬ	00	8	28	1	0	0	—	6.0	34.3	30	0
NAG' ḤAMÂDI	00	8	00	0	0	0	—	6.0	38.7	28	0
QENA	00	9	22	2	0	0	—	3.4	41.0	27	0
LUXOR	00	7	26	2	0	0	—	3.6	42.0	25	0
ASWÂN	00	9	20	1	0	0	—	2.3	41.2	16	0
WESTERN DESERT											
SÎWA	00	8	00	0	0	0	—	9.1	36.0	47	0
BAHARÎYA											
KHÂRGA	00	9	28	1	0	0	—	5.0	39.9	23	0
DAKHLA	00	9	24	1	0	0	—	5.9	37.5	24	0
RED SEA											
ṬÛR	00	7	28	3	0	0	—	5.5	32.9	65	0
HURGHÂDA	00	8	04	3	0	0	—	—	33.2	46	0
QUṢEIR	00	8	32	3	0	0	—	4.3	35.3	43	0
PORT SÛDÂN	00	8	10	4	0	2	4	2	39	23	
NORTH SÛDÂN											
WÂDI ḤALFA	00	8	22	2	0	0	—	4	40	19	
KAREIMA	00	8	28	3	0	2	2	4	40	17	
'ATBARA	01	8	00	0	1	3	4,2	3	39	12	
KHARTÛM	00	8	20	2	1	2	8	4	38	18	
KASSALA	02	8	20	1	1	5	8,1	4	35	44	
CENTRAL SÛDÂN											
WAD MEDANI	01	8	20	4	0	5	8	4	35	35	
RENK	01	9	16	3	1	4	8	—	30	59	
ROSEIRES											
EL OBEID	01	9	18	2	1	4	8,4	5	32	50	
EL FÂSHER	01	9	20	2	1	4	8,4	—	32	43	
GENEINA	02	8	20	1	1	5	8,4	—	28	66	
KADUGLI	66	4	20	4	6	7	9	10	25	79	
S. SÛDÂN											
MALAKÂL	81	8	14	1	6	6	4,7	9	25	79	
WÂU											
JUBA											

At 20h. on 6th — الساعة ٢٠ يوم ٦

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	Temp. °C (ttt)	% Humidity (uu)	Rain 14-20 mms	Station Number
SALÛM												130
MATRÛH	01	8	32	2	1	4	8	9.0	26.7	86	0	131
MARIUT	00	7	32	2	0	0	—	7	27	84	0	150
ALEXANDRIA	00	6	04	2	0	0	—	7.8	26.9	77	0	132
DAMIETTA	00	7	30	2	0	0	—	7.0	26.8	78	0	159
PORT SA'ÎD	00	8	02	2	0	0	—	7.1	27.6	74	0	134
EL 'ARÎSH	00	9	32	4	0	0	—	7.1	27.2	87	0	135
DAMANHÛR	00	7	32	3	0	0	—	8.0	26.4	87	0	136
MANSÛRA	00	6	02	1	0	0	—	6.6	26.8	80	0	137
ṬANṬA	00	8	24	1	0	0	—	7.9	27.4	74	0	138
ZAGAZIG	00	6	32	2	0	0	—	6.4	27.2	71	0	139
SHEBÎN EL KÔM	00	7	30	2	0	0	—	6.3	27.9	77	0	—
CAIRO ALMÂZA	01	6	06	2	2	3	8	8.5	-3.8	26.4	36	—	22	—	78	0	10	—	141
CAIRO EZBEKÎYA	05	6	06	2	1	4	8	8.8	-3.5	27.7	35	+2	22	+1	77	0	22	26	
CAIRO GÎZA	05	6	30	2	2	4	6	8.8	-3.5	27.3	34	+1	21	+3	78	0	41	27	—
ḤELWÂN	00	7	32	1	0	0	—	8.2	-3.7	27.2	34	+1	22	+1	55	0	20	29	
SUEZ	00	9	30	1	0	0	—	8.7	-2.5	29.7	40	+6	23	+1	55	0	—	17	143
FAIYÛM	00	8	02	1	0	0	—	7.8	-4.2	26.5	37	+2	23	+3	74	0	13	8	144
MINYA	00	9	32	1	0	0	—	7.8	-3.5	27.7	36	+2	20	0	54	0	dz	—	153
ASYÛṬ	00	6	20	1	0	0	—	7.9	-3.1	28.9	37	+3	22	+1	45	0	0	4	154
NAG' ḤAMÂDI	00	8	00	0	0	0	—	7.4	-2.4	30.0	40	—	20	—	48	0	1	—	155
QENA	00	8	24	2	0	0	—	6.4	-2.8	33.0	42	+3	25	+2	39	0	13	—	164
LUXOR	00	7	28	1	0	0	—	6.8	-2.7	31.6	43	+4	25	+2	30	0	0	—	156
ASWÂN	00	9	00	0	0	0	—	6.8	-2.2	31.2	43	+3	27	+2	36	0	dz	—	157
SÎWA	00	7	00	0	0	0	—	10.8	-3.5	25.3	39	+3	21	+2	93	0	5	8	158
BAHARÎYA	00	9	00	0	0	0	—	—	—	28.0	37	+2	21	+2	57	0	0	7	148
KHÂRGA	00	9	00	0	0	0	—	8.3	-2.4	29.3	40	+2	24	+2	46	0	1	—	149
DAKHLA	00	8	28	1	0	0	—	8.7	-3.0	27.0	39	+2	24	+3	42	0	0	—	151
ṬÛR	00	7	00	0	0	0	—	5.5	-3.0	27.9	37	+4	—		61	0	0	13	152
HURGHÂDA	00	8	30	3	0	0	—	—	—	30.2	36	+2	22	-2	51	0	1	3	145
QUṢEIR	00	8	22	1	0	0	—	5.4	-3.1	31.0	36	+3	26	0	38	0	11	4	146
PORT SÛDÂN	00	8	12	2	0	2	1	5		36					22	0	73	106	147
WÂDI ḤALFA	00	8	00	0	0	0	—	7		31					29	0	tr	—	165
KAREIMA	01	8	00	0	0	3	2	8		30					31	0	25	26	166
'ATBARA	01	7	16	4	1	4	4,2	9		28					66	0	94	66	167
KHARTÛM	01	8	16	3	2	4	4,1	10		27					58	0	184	150	169
KASSALA	01	8	18	2	1	4	4,1	10		28					52	1	382	283	170
WAD MEDANI	01	9	18	4	1	4	3	10		25					70	0	392	352	171
RENK	01	8	12	3	2	5	3			27		—		—	70	—	—	450	182
ROSEIRES	02	8	32	1	2	7	7,5	—		23					94	3	704	699	172
EL OBEID	02	9	16	3	1	5	4,5	11		25					79	0	541	313	174
EL FÂSHER	02	9	24	3	1	6	4,1	—	—	22					74	0	246	296	175
GENEINA								—	—			—		—		—	—	524	179
KADUGLI	02	8	12	3	1	5	4	12		25		—		—	79	—	—	641	187
MALAKÂL	01	8	00	0	1	3	4	11		27					70	2	924	730	176
WÂU																4	1050	976	177
JUBA	01	8	16	2	1	3	4,1	13		24					84	4	1124	880	178

At 8h. on SATURDAY 7th — الساعة ٨ يوم السبت ٧

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Pressure M.S.L. 1000+ mbs. (ppp)	Diff. from normal mbs.	Temperature Dry Bulb °C (ttt)	Maximum Yesterday °C (MM)	Maximum Diff. from norm. °C	Minimum Today °C (mm)	Minimum Diff. from norm. °C	% Humidity (uu)	Rainfall Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				100
MATRÛH	00	9	28	1	1	0	—	9.9	-3.0	27.4	29	+1	25	+4	81	0	101	161
MARIUT	01	7	00	0	0	3	6	9	—	28	31	—	25	—	79	0	187	138
ALEXANDRIA	01	7	00	0	2	4	4	9.1	-3.6	28.4	31	+1	24	+1	82	0	170	186
DAMIETTA	00	6	04	2	1	0	—	8.6	-3.1	28.7	31	—	24	—	74	0	81	106
PORT SA'ÎD	00	8	04	2	0	0	—	8.8	-2.3	29.3	34	+3	26	+3	74	0	71	81
EL 'ARÎSH	02	9	12	1	2	7	3	8.8	-2.9	28.5	31	+1	21	+1	69	0	—	94
LOWER EGYPT																		
DAMANHÛR	00	—	02	2	0	0	—	9.1	-3.3	25.2	35	+3	22	+3	92	0	92	101
MANSÛRA	00	8	02	1	0	0	—	8.8	-3.3	27.5	37	+3	23	+3	84	0	66	55
ṬANṬA	00	8	32	1	0	0	—	9.2	-3.3	26.0	36	+2	20	+2	85	0	107	44
ZAGAZIG	02	6	00	0	2	6	8	9.1	-3.6	26.2	36	+2	22	+3	90	0	24	27
SHEBÎN EL KÔM	00	8	02	2	0	2	8	8.3	-4.2	27.4	36	—	21	—	81	0	36	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	6	06	2	2	3	8	8.5	-3.8	26.4	36	—	22	—	78	0	10	—
CAIRO EZBEKÎYA	05	6	06	2	1	4	8	8.8	-3.5	27.7	35	+2	22	+1	77	0	22	26
CAIRO GÎZA	05	6	30	2	2	4	6	8.8	-3.5	27.3	34	+1	21	+3	78	0	41	27
ḤELWÂN	00	7	32	1	0	0	—	8.2	-3.7	27.2	34	+1	22	+1	55	0	20	29
SUEZ	00	9	30	1	0	0	—	8.7	-2.5	29.7	40	+6	23	+1	55	0	—	17
UPPER EGYPT																		
FAIYÛM	00	8	02	1	0	0	—	7.8	-4.2	26.5	37	+2	23	+3	74	0	13	8
MINYA	00	9	32	1	0	0	—	7.8	-3.5	27.7	36	+2	20	0	54	0	dz	—
ASYÛṬ	00	6	20	1	0	0	—	7.9	-3.1	28.9	37	+3	22	+1	45	0	0	4
NAG' ḤAMÂDI	00	8	00	0	0	0	—	7.4	-2.4	30.0	40	—	20	—	48	0	1	—
QENA	00	8	24	2	0	0	—	6.4	-2.8	33.0	42	+3	25	+2	39	0	13	—
LUXOR	00	7	28	1	0	0	—	6.8	-2.7	31.6	43	+4	25	+2	30	0	0	—
ASWÂN	00	9	00	0	0	0	—	6.8	-2.2	31.2	43	+3	27	+2	36	0	dz	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	10.8	-3.5	25.3	39	+3	21	+2	93	0	5	8
BAHARÎYA	00	9	00	0	0	0	—	—	—	28.0	37	+2	21	+2	57	0	0	7
KHÂRGA	00	9	00	0	0	0	—	8.3	-2.4	29.3	40	+2	24	+2	46	0	1	—
DAKHLA	00	8	28	1	0	0	—	8.7	-3.0	27.0	39	+2	24	+3	42	0	0	—
RED SEA																		
ṬÛR	00	7	00	0	0	0	—	5.5	-3.0	27.9	37	+4	—		61	0	0	13
HURGHÂDA	00	8	30	3	0	0	—	—	—	30.2	36	+2	22	-2	51	0	1	3
QUSEIR	00	8	22	1	0	0	—	5.4	-3.1	31.0	36	+3	26	0	38	0	11	4
PORT SÛDÂN	00	8	12	2	0	2	1	5		36					22	0	73	106
NORTH SÛDÂN																		
WÂDI ḤALFA	00	8	00	0	0	0	—	7		31					29	0	tr	—
KAREIMA	01	8	00	0	0	3	2	8		30					31	0	25	26
'ATBARA	01	7	16	4	1	4	4,2	9		28					66	0	94	66
KHARTÛM	01	8	16	3	2	4	4,1	10		27					58	0	184	150
KASSALA	01	8	18	2	1	4	4,1	10		28					52	1	382	283
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	18	4	1	4	3	10		25					70	0	392	352
RENK	01	8	12	3	2	5	3			27		—		—	70	—	—	450
ROSEIRES	02	8	32	1	2	7	7,5	—		23					94	3	704	699
EL OBEID	02	9	16	3	1	5	4,5	11		25					79	0	541	313
EL FÂSHER	02	9	24	3	1	6	4,1	—	—	22					74	0	246	296
GENEINA								—	—			—		—		—	—	524
KADUGLI	02	8	12	3	1	5	4	12		25		—		—	79	—	—	641
S. SÛDÂN																		
MALAKÂL	01	8	00	0	1	3	4	11		27					70	2	924	730
WÂU																4	1050	976
JUBA	01	8	16	2	1	3	4,1	13		24					84	4	1124	880

UPPER WINDS ON 6th — الرياح العليا يوم ٦

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.
			12h30m.				13h15m.			12h45m.	13h. m.	13h. m.	
			03 05 15				09 23 05			09 21 15	09 23 20	09 19 15	
			06 06 15				15 23 05			15 24 05	15 21 10	15 20 20	
			09 09 10				18 23 20				21 07 10	21 17 25	
			15 10 10								27 06 15	27 12 10	
			21 15 20									33 13 05	
			30 21 30									39 10 05	
			45 22 15										

UPPER WINDS ON 7th — الرياح العليا يوم ٧

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛṬ h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI HALFA h. m.	ABU HAMAD h. m.	KAREIMA h. m.	KHARTÛM h. m.
			5h45m.	6h30m.	7h. m.		7h. m.	7h15m.	7h15m.	7h. m.	7h. m.
			02 04 30	03 01 10	02 29 05		02 36 05	09 27 15	09 29 10	09 01 10	09 19 40
			05 06 20	06 35 15	05 36 20		05 05 10	15 26 10	15 26 15	15 30 05	15 24 20
			08 07 25	09 35 15	10 33 15		10 04 30	21 24 15	21 23 15	21 26 15	21 35 15
			10 07 40	15 26 10	15 28 30		15 15 10	27 23 20	27 20 15	27 22 20	24 01 10
			15 09 25	21 24 30				33 23 35	33 19 20	33 19 25	30 02 25
			20 10 20	24 20 40				39 21 40	39 17 20	39 18 30	
			22 17 20	27 19 40							
				30 19 35							
				33 21 20							

KASSALA 6h45m.	PORT SÛDÂN 7h. m.	EL OBEID 7h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL 7h. m.
09 20 15	09 29 20	09 20 35			09 10 10
15 22 15	15 31 15	12 20 30			15 07 15
21 35 15	21 33 20	21 22 40			21 07 30
27 36 20	27 33 20	27 20 15			27 11 25
33 01 35	33 35 20	33 31 15			
39 03 35					

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day Humidity % on 6th	Humidity Diff from normal	Wet Bulb Temp °C on 6th	Wet Bulb Temp Diff from normal
Alexandria	69	0	24.7	+2.4
Ezbekîya	58	-5	24.0	+2.0
Gîza	65	-1	24.3	+2.8
Helwân	56	+3	23.1	+2.9

GÎZA — GRASS MINIMUM TEMP. ON 7th 18.1 °C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 7th 27.4 °C

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser					
Malakâl					
J. Aulia Res.				376.92	
J. Aulia D.S				376.66	+1.25
Roseires	7th	20.19	+1.20	19.44	+0.46
Sennar Res.				17.20	—
Khartûm				16.80	+1.13
Kh. el Girba				14.20	+0.25
'Atbara				16.35	+1.28
Kajnarti		144.13	+2.41	144.11	+2.37
Aswân Res.		114.40	—	113.40	—
Aswân D.S		93.50	+1.35	93.50	+1.34
Roda (Cairo)		20.25	+1.61	20.23	+1.62

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	7th	10739	6986
	6th	10778	6856

CYPRUS SYNOPTIC 8h. ON 7th.

34700 00990 08200 09311 50105 00XX0.
34800 00990 26200 09241 30305 00230.

UPPER AIR TEMP. ALMÂZA AT 6h. G.M.T. ON 7th.

HEIGHT FEET	P.P.P m.b.	T.T °F	t.t °F
Surface	1000	78	74
500	982	73	71
1000	964	74	67
1500	947	80	62
2000	930	80	61
4000	864	74	53
6000	801	64	42
8000	743	58	42
10000	688	47	38
12000	636	40	28
14000	588	36	26
16000	542	26	22

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

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Sunset H. 18 M. 10

Month SEPTEMBER 1946

DAILY WEATHER REPORT

شهر سبتمبر ١٩٤٦

At 14h. on SATURDAY 7th — الساعة ١٤ يوم / At 20h. on — الساعة ٢٠ يوم السبت ٧

Region	Station	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar Press M.S.L. 1000+ mbs. PPP	14h Temp. °C TTT	14h % Humidity UU	Rain 8-14h mms	20h Present Weather ww	20h Visibility V	20h Wind Dir. DD	20h Wind Force F	20h Past Weather W	20h Cloud Amount N	20h Cloud Form C	20h Bar Press M.S.L. 1000+ mbs. PPP	20h Temp. °C TTT	20h % Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN	SALÛM																							130
	MATRÛH	00	9	32	2	0	0	—	10.0	28.6	80	0	00	8	02	1	0	0	—	10.4	26.6	87	0	131
	MARIUT												00	7	32	2	0	0	—	8	27	77	0	150
	ALEXANDRIA	00	9	32	2	0	0	—	8.4	31.4	59	0	00	6	04	1	0	0	—	8.7	26.8	86	0	132
	DAMIETTA	00	8	04	3	0	0	—	7.9	31.0	59	0	00	7	30	1	0	0	—	7.9	27.0	78	0	159
	PORT SA'ÎD	00	8	02	2	0	0	—	7.8	32.4	62	0	00	8	30	2	0	2	1	7.8	28.2	77	0	134
	EL 'ARÎSH	00	9	30	4	0	0	—	7.9	29.8	77	0	00	9	32	4	0	0	—	7.5	27.7	86	0	135
LOWER EGYPT	DAMANHÛR	00	7	32	3	0	0	—	8.0	31.3	54	0	00	7	32	2	0	0	—	8.3	26.4	85	0	136
	MANSÛRA	00	8	02	1	0	0	—	7.8	34.5	49	0	00	6	02	2	0	0	—	7.6	26.6	78	0	137
	TANTA	00	8	28	1	0	0	—	7.8	34.8	55	0	00	8	00	0	0	0	—	8.8	27.6	75	0	138
	ZAGAZIG	00	6	02	3	0	0	—	7.4	33.8	47	0	00	6	08	1	0	0	—	9.1	25.0	76	0	139
	SHEBÎN EL KÔM	00	8	02	2	0	0	—	7.2	35.8	49	0	00	7	02	2	0	0	—	7.9	28.4	72	0	—
MIDDLE EGYPT	CAIRO ALMÂZA	00	8	04	1	0	0	—	6	35	37	0	00	7	04	3	0	0	—	7.3	30.2	47	0	141
	CAIRO EZBEKÎYA	00	8	04	3	0	0	—	7.1	35.3	43	0	00	7	06	4	0	0	—	7.8	29.2	58	0	—
	CAIRO GÎZA	00	8	32	3	0	0	—	7.0	34.5	36	0	00	8	02	1	0	0	—	7.9	29.5	52	0	—
	HELWÂN	00	7	32	4	0	0	—	5.6	37.6	18	0	00	7	02	5	0	0	—	6.2	31.0	37	0	143
	SUEZ	00	9	30	1	0	0	—	6.2	37.2	23	0	00	9	30	2	0	0	—	7.2	30.8	55	0	144
UPPER EGYPT	FAIYÛM	00	8	00	0	0	0	—	5.6	37.7	25	0	00	8	02	1	0	0	—	6.7	30.9	48	0	153
	MINYA	00	9	30	2	0	0	—	6.4	35.6	30	0	00	8	32	1	0	0	—	6.2	30.5	47	0	154
	ASYÛT	00	8	22	1	0	0	—	6.4	37.1	19	0	00	6	26	1	0	0	—	7.0	30.4	29	0	155
	NAG' HAMÂDI	00	8	00	0	0	0	—	5.8	38.0	27	0	00	8	00	0	0	0	—	6.0	27.8	65	0	164
	QENA	00	7	24	2	0	0	—	5.0	39.8	15	0	00	7	24	2	0	0	—	5.5	30.7	51	0	156
	LUXOR	00	7	30	2	0	0	—	5.6	41.0	24	0	00	6	28	2	0	0	—	5.9	32.0	28	0	157
	ASWÂN	00	9	24	1	0	0	—	4.0	41.7	14	0	00	9	00	0	0	0	—	5.4	36.9	18	0	158
WESTERN DESERT	SÎWA	00	8	00	0	0	0	—	9.6	36.2	47	0	00	—	32	2	0	0	—	9.2	33.1	56	0	148
	BAHARÎYA	00	9	00	0	0	0	—	—	37.0	30	0	00	7	32	1	0	0	—	—	27.5	57	0	149
	KHÂRGA	00	9	00	0	0	0	—	6.6	40.0	25	0	00	9	00	0	0	0	—	7.0	34.5	32	0	151
	DAKHLA	00	9	28	1	0	0	—	7.2	38.0	23	0	00	7	28	2	0	0	—	9.0	27.3	40	0	152
RED SEA	TÔR	00	7	28	4	0	0	—	4.3	34.1	41	0	00	7	00	0	0	0	—	4.3	31.1	66	0	145
	HURGHADA	00	8	02	2	0	0	—	—	33.8	45	0	00	8	00	0	0	0	—	—	30.2	54	0	146
	QUSEIR	00	8	02	2	0	0	—	5.4	35.4	47	0	00	8	30	1	0	0	—	4.7	30.3	60	0	147
	PORT SUDÂN	00	9	06	3	0	1	8	3	39	30	0												189
NORTH SÛDÂN	WÂDI HALFA	00	8	26	3	0	0	—	5	41	18	0												165
	KAREIMA	00	8	00	0	1	0	—	5	39	26	0												166
	'ATBARA	01	8	20	3	1	3	4,1	4	39	21	0												167
	KHARTÛM	00	8	18	3	1	2	8	6	36	37	0												168
	KASSALA	00	8	22	1	1	1	1	5	35	35	0												170
CENTRAL SÛDÂN	WAD MEDANI																							171
	RENK	02	9	16	3	2	5	9	6	32	55	0												182
	ROSEIRES	00	8	16	1	1	3	8	9	31	55	0												172
	EL OBEID	01	9	18	2	1	5	4,3	6	31	59	0												174
	EL FÂSHER	02	9	00	0	1	5	4,5	—	28	52	0												175
	GENEINA	01	8	24	1	1	4	8,4	—	30	55	0												179
	KADUGLI	02	8	20	2	1	6	9	—	24?	94?	0												187
S. SÛDÂN	MALAKAL	02	8	16	2	1	5	4	8	31	55	0												176
	WAU	22	6	09	0	6	4	9	9	28	74	0												177
	JUBA	22	8	12	2	6	5	9,1	9	28	79	0												178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 7th — الرياح العليا يوم ٧

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA 13h. 15m.	KAREIMA 13h.	KHARTÛM 13h.	KASSALA 13h.	EL OBEID 13h.	MALAKAL 13h.	JUBA 13h. 30m.
							09 29 30	09 21 15	09 23 15	09 24 10	09 19 10	09 19 20	09 07 10
							15 29 05	15 23 15	15 25 20	15 23 05	15 15 15	15 19 25	15 06 15
							21 27 30	21 23 15	21 25 05	21 32 05	18 12 25	21 18 15	21 06 15
							27 24 45	27 26 15	24 06 10	27 34 20		27 19 20	27 08 15
							33 22 30	33 25 05	30 05 20	33 33 20		33 19 15	33 09 10
							39 20 40	39 27 05	39 05 02			36 18 15	39 09 05

Remarks

Hours are Egyptian standard time, long 30°E and are two hours fast on Greenwich mean time.

Station	Mean of day Humidity % 7th	Diff from normal	Wet Bulb Temp 7th	Diff from normal
Alexandria	82	+13	25.5	+3.2
Ezbekiya	61	−2	24.4	+2.4
Gîza	60	−6	23.5	+2.1
Helwân	42	−11	21.1	+1.0

GÎZA — GRASS MINIMUM TEMP ON 8th 17.7

CAIRO — WATER TEMP RIVER NILE AT 8h. ON 8th 27.6

Discharges at Aswân measured by sluices m³ per sec	DAT	1946	1945
	8-9	10910	6912
	7-9	10739	6986

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	8-9-46				
Nâsser					
Malakâl					
J. Aulia Res.					
J. Aulia D.S					
Roseires		19.90	+0.98	20.19	+1.20
Sennar Res.				17.20	—
Khartûm		16.37	+0.72	16.58	+0.91
Kh. el Girba				14.40	+0.50
Atbara		16.23	+1.26	16.24	+1.29
Kajnarti		144.12	+2.42	144.13	+2.41
Aswân Res		114.78	—	114.40	—
Aswân D.S		93.60	+1.46	93.50	+1.35
Roda (Cairo)		20.27	+1.60	20.25	+1.61

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on SUNDAY 8th — الساعة ٨ يوم الأحد ٨

Region	Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C	Max Diff. from norm. °C	Minimum Today °C	Min Diff from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total From Oct. 1 mms.	Norm From Oct 1 mms.
MEDITERRANEAN	SALÛM												—		—				100
	MATRÛH	00	9	28	1	0	0	—	10.4	−2.6	17.2	29	+1	25	+4	84	0	101	161
	MARIUT	00	7	00	0	0	0	—	9	—	30	32	—	22	—	70	0	187	138
	ALEXANDRIA	00	9	00	0	1	3	4	7.9	−4.9	30.4	32	+2	25	+2	66	0	170	186
	DAMIETTA	01	8	28	2	1	3	6	8.6	−3.3	28.6	32	—	24	—	72	0	81	106
	PORT SA'ÎD	00	0	30	2	0	3	8	8.2	−3.0	29.9	33	+2	26	+3	73	0	71	81
	EL 'ARÎSH	00	9	24	1	0	3	3	8.4	−3.4	30.6	31	+1	23	+3	73	0	—	94
LOWER EGYPT	DAMANHÛR	00	6	04	2	0	0	—	9.0	−3.5	26.0	35	+3	22	+3	90	0	92	101
	MANSÛRA	01	8	16	1	1	3	6	9.8	−2.4	28.5	37	+3	22	+2	81	0	66	55
	TANTA	00	8	00	0	0	0	—	9.8	−2.8	25.0	36	+3	20	+2	92	0	107	44
	ZAGAZIG	04	6	02	1	4	0	—	8.7	−4.1	25.6	36	+2	22	+3	94	0	24	27
	SHEBÎN EL KÔM	01	8	02	2	1	4	8	9.2	−3.4	27.9	37	—	22	—	72	0	36	—
MIDDLE EGYPT	CAIRO ALMAZA	00	7	06	2	0	2	4	8.8	−3.6	27.7	37	—	23	—	78	0	10	—
	CAIRO EZBEKÎYA	05	6	04	2	1	3	6	9.2	−3.2	29.2	36	+3	23	+2	69	0	22	26
	CAIRO GÎZA	05	6	04	1	0	1	4	9.2	−3.2	27.8	35	+2	21	+3	78	0	41	27
	HELWÂN	00	7	04	2	0	1	4	8.3	−3.7	27.8	38	+5	23	+3	63	0	20	29
	SUEZ	00	9	30	1	0	0	—	9.0	−2.3	29.1	41	+7	25	+3	71	0	—	+7
UPPER EGYPT	FAIYÛM	00	8	32	2	0	2	8	8.4	−3.8	26.0	39	+5	23	+3	76	0	13	8
	MINYA	00	9	32	1	0	0	—	7.9	−3.5	27.8	37	+3	22	+2	66	0	dr	—
	ASYÛT	00	7	22	1	0	0	—	8.3	−2.8	28.0	38	+4	23	+2	52	0	0	4
	NAG' HAMÂDI	00	8	00	0	0	0	—	8.0	−1.9	29.4	39	—	20	—	49	0	1	—
	QENA	00	8	16	1	0	0	—	8.2	−1.2	33.2	41	+2	24	+1	44	0	13	—
	LUXOR	00	7	28	2	0	0	—	8.0	−1.6	33.0	43	+3	23	+1	25	0	0	—
	ASWÂN	00	9	00	0	0	0	—	8.0	−1.1	32.2	43	+3	27	+2	24	0	dr	
WESTERN DESERT	SÎWA	00	6	00	0	0	0	—	11.1	−3.3	25.6	38	+2	21	+2	81	0	5	8
	BAHARÎYA	01	9	32	1	1	4	—	9.5	−3.5	26.5	38	+3	19	0	53	0	0	7
	KHÂRGA	00	9	00	0	0	0	—	9.0	−1.8	26.3	41	+4	22	0	37	0	1	—
	DÂKHLA	00	8	28	1	0	0	—	9.2	−2.6	28.0	40	+3	21	0	39	0	0	—
RED SEA	TÔR	00	7	28	4	0	0	—	6.2	−2.4	28.5	38	+6	—	—	73	0	0	13
	HURGHÂDA	00	8	30	3	0	0	—	—	—	29.3	36	+2	24	0	49	0	1	3
	QUSEIR	00	8	26	1	0	0	—	6.2	−2.4	30.4	36	+3	27	+1	29	0	11	4
	PORT SÛDÂN	01	9	20	2	1	4	4,2	5		39					20	0	73	106
NORTH SÛDÂN	WÂDI HALFA	00	8	00	0	0	0	—	7		29					33	0	tr	—
	KAREIMA	00	8	00	0	0	0	—	7		34					20	0	25	26
	'ATBARA	02	8	24	2	1	5	2	7		34					27	0	94	66
	KHARTÛM	01	8	20	3	1	4	4,5	8		31					52	0	184	151
	KASSALA	01	8	18	2	1	4	4,1	9		26					62	0	382	285
CENTRAL SÛDÂN	WAD MEDANI	00	9	20	4	0	2	1	9		28					66	0	392	355
	RENK	02	8	12	3	2	6	4	10		25		—		—	84	—	—	454
	ROSEIRES	02	8	18	1	5	6	5	—		24					89	4	708	707
	EL OBEID	01	9	20	3	1	4	4	11		25					79	20	561	316
	EL FÂSHER	02	9	32	3	1	5	4,5	—	—	24					74	0	246	298
	GENEINA	02	8	04	1	1	6	4	—	—	23		—		—	78	0	—	527
	KADUGLI	02	8	28	2	1	6	2	11		26		—		—	79	—	—	645
S. SÛDÂN	MALAKÂL	02	9	20	1	1	5	4	11		26					95	0	924	735
	WÂU	01	8	20	1	1	5	4,2	12		23					78	4	1054	982
	JUBA																R	1124	884

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 8th — الرياح العليا يوم ٨

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN 8h. 45m.	MINYA	ASYÛT	LUXOR	ASWÂN 7h.	WÂDI HALFA 7h.	ABU HAMAD 7h. 15m.	KAREIMA 7h.	KHARTÛM 7h.
			02 04 20				02 02 10	09 25 20	09 02 35	09 21 15	09 27 25
			05 04 10				05 03 20	15 25 15	15 36 15	15 22 10	15 31 10
			08 09 20				10 35 20	21 23 05	21 34 15	21 23 15	21 04 20
			10 13 10				15 31 05	27 23 15		27 23 20	24 05 30
			15 15 15				20 25 10	33 16 15		33 24 10	30 07 25
			20 14 20				25 33 75	39 24 05		39 26 30	36 09 35
			23 12 25				30 26 10				
			25 12 25								
			30 14 35								

KASSALA 7h.	PORT SÛDÂN 7h.	EL OBEID 7h.	EL FÂSHER 7h.	GENEINA 7h.	MALAKAL
09 17 45	09 34 05	09 23 20	09 36 10	09 04 15	
15 23 40	15 35 10	15 13 10	15 15 05	15 12 20	
21 27 15	21 03 30	21 07 15	21 14 20	21 11 20	
27 27 10	27 04 30	33 05 15	27 12 25	27 11 20	
33 27 10	33 04 25		33 16 30	33 14 40	
	39 06 35		39 18 25		

UPPER AIR TEMP. ALMAZA AT 7h. G.M.T. ON 8th

HEIGHT FEET	P.P.P m.b.	TT °F	°F
Surface	1000	81	76
500	982	75	72
1000	964	78	71
1500	947	77	61
2000	930	78	59
4000	864	73	54
6000	801	66	49
8000	743	55	44
10000	688	46	38
12000	636	34	31
14000	585	29	25
16000	542	23	17

CYPRUS SYNOPTIC 8h. ON 8th

34803 01993 10113 09331 20801 00220.

28213 01961 30203 09292 40404 00240.

ANNUAL SUBSCRIPTION P.T. 150

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

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	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	45
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 Rain	86, 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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

Sunset 18 09 — Month *September* 1946 — شهر سبتمبر ١٩٤٦

DAILY WEATHER REPORT

At 14h. on 8th — الساعة ١٤ يوم ٨ ; At 20h. on Sunday 8th — الساعة ٢٠ يوم الأحد ٨

Region	Station	14h Present weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 8–14h mms	20h Present weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 14–20h mms	Station number
Mediterranean	Salûm																							130
	Matrûh	00	9	30	3	0	0	—	10.3	28.0	79	0	00	8	30	3	0	0	—	11.0	27.2	77	0	131
	Mariut	00	7	29	3	0	1	4	8	30	70	0	00	7	30	1	0	3	4	9	26	89	0	150
	Alexandria	01	9	02	2	2	4	4	9.0	30.1	69	0	01	6	04	1	2	4	4	9.5	27.6	80	0	132
	Damietta	00	8	30	3	1	2	8	7.9	30.5	58	0	00	7	28	2	1	0	—	8.2	27.0	76	0	159
	Port Sa'îd	00	8	28	2	0	2	1	8.0	33.4	56	0	00	8	28	3	0	0	—	8.0	28.3	73	0	134
	El 'Arîsh	00	9	32	4	0	0	—	7.6	30.2	76	0	00	9	28	1	0	0	—	7.9	27.9	90	0	135
Lower Egypt	Damanhûr	01	7	20	3	1	3	4	8.3	34.8	46	0	01	7	28	2	1	3	4	8.4	25.4	82	0	136
	Mansûra	01	8	02	1	1	4	8	7.9	35.8	45	0	00	6	32	1	1	0	—	8.6	27.0	76	0	137
	Tanta	01	8	32	1	1	4	8	8.0	35.0	42	0	01	8	00	0	1	4	8	9.2	27.0	71	0	138
	Zagazig	00	6	32	2	0	0	—			46	0	00	6	04	2	0	0	—	7.8	25.0	76	0	139
	Shebîn el Kôm	00	8	30	2	0	0	—	7.5	36.1	40	0	00	8	02	2	0	0	—	7.6	28.3	71	0	—
Middle Egypt	Cairo Almâza	00	8	02	2	0	2	8	6.6	36.6	37	0	01	7	04	2	0	3	8	8.0	31.2	45	0	141
	Cairo Ezbekîya	00	8	32	3	0	2	8	7.6	35.0	43	0	00	7	02	2	0	1	8	9.0	30.3	54	0	—
	Cairo Gîza	00	7	30	3	0	0	—	8.0	34.5	43	0	00	7	00	0	0	0	—	8.7	30.0	50	0	—
	Helwân	00	7	26	2	0	3	8	6.4	34.9	19	0	00	7	02	4	0	1	8	7.6	31.8	40	0	143
	Suez	00	9	30	2	0	0	—	7.0	37.7	26	0	00	9	30	1	0	0	—	6.8	30.1	49	0	144
Upper Egypt	Faiyûm	01	8	30	2	1	3	8	6.8	37.2	25	0	00	8	00	0	0	0	—	7.2	28.3	62	0	153
	Minya	00	8	28	2	1	2	2	6.9	37.4	22	0	00	8	32	1	0	0	—	7.2	31.3	38	0	154
	Asyût	00	8	22	1	0	0	—	6.7	37.8	15	0	00	6	22	1	0	0	—	7.6	28.9	35	0	155
	Nag Hamâdi	00	8	00	0	0	0	—	6.7	38.9	25	0	00	8	00	0	0	0	—	7.6	26.2	59	0	164
	Qena	00	9	22	2	0	0	—	6.8	40.0	30	0	00	6	24	1	0	0	—	7.1	33.0	39	0	156
	Luxor	00	7	02	2	0	0	—	6.8	42.5	27	0	00	6	28	1	0	0	—	7.5	30.8	38	0	157
	Aswân	00	9	28	1	0	0	—	5.2	41.8	08	0	00	9	00	0	0	0	—	6.7	37.1	10	0	158
Western Desert	Sîwa	00	8	00	0	0	0	—	11.1	37.0	48	0	00	—	00	0	0	0	—	11.4	28.4	63	0	148
	Baharîya	00	9	00	0	0	0	—	8.3	36.0	33	0												149
	Khârga	00	9	32	1	0	0	—	—	41.3	—	0	00	9	32	1	0	0	—	7.9	35.2	34	0	151
	Dakhla	00	9	28	1	0	0	—	6.7	37.8	23	0	00	7	28	2	0	0	—	8.2	28.2	38	0	152
Red Sea	Tôr	00	7	28	3	0	0	—	6.3	37.5	51	0	00	7	28	3	0	0	—	4.6	31.4	71	0	145
	Hurghâda												00	8	00	0	0	0	—		30.4	58	0	146
	Quseir	00	8	04	1	0	0	—	6.6	34.2	58	0	00	8	28	1	0	0	—	6.3	31.8	42	0	147
	Port Sûdân	01	8	04	3	1	4	8,4	4	39	26													169
North Sûdân	Wâdi Halfa																							165
	Kareima	00	8	00	0	0	2	3	4	42	17													166
	'Atbara	01	8	28	3	1	4	4	3	41	14													167
	Khartûm	01	7	28	4	1	4	9	3	39	15													168
	Kassala	01	8	26	2	1	5	8,4	4	36	44													170
Central Sûdân	Wad Medani	01	8	24	4	0	4	8	3	36	35													171
	Renk	01	8	16	3	2	5	3	7	29	52													182
	Roseires	01	8	20	1	1	5	3	—	30	69													172
	El Obeid	02	9	20	2	1	7	8,4	7	32	52													174
	El Fâsher																							175
	Geneina																							179
	Kadugli																							187
S. Sûdân	Malakâl	02	7	12	3	9	8	6	11	26	95													176
	Wâu																							177
	Juba	02	8	02	3	1	7	6,5	10	28	66													178

Upper Winds on 8th — الرياح العليا يوم ٨

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh	Mariut (12 h. 30 m.)	Port Sa'îd	Almâza	Minya	Luxor	Hurghâda	Wâdi Halfa	Kareima (12 h. 45 m.)	Khartûm (13 h. 30 m.)	Kassala (13 h.)	El Obeid (13 h.)	Malakal	Juba
	03 29 15							09 03 10	09 14 05	09 24 05	09 23 15		
	06 31 10							15 35 10	15 10 05	15 22 10	15 17 10		
	09 27 05							21 35 10	21 02 10	21 26 15	21 08 15		
	12 26 05							27 05 05	24 33 15	27 26 20	30 35 10		
	15 21 05							33 03 05		33 21 10			
	18 08 20							39 08 10					

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 8th	Diff from normal	Wet bulb temp °C on 8th	Diff from normal
Alexandria	71	+3	25.5	+3.3
Ezbekiya	56	-7	24.6	+2.7
Gîza	59	-7	24.1	+2.7
Helwân	48	-5	21.9	+1.9

GÎZA — Grass minimum temp. on 9th 16.8 °C

CAIRO — Water temp. River Nile at 8h. on 9th 27.6 °C

Discharges at Aswân measured by sluices m³ per sec. Date	1946	1945
9-9	10858	6936
8-9	10910	6912

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser					
Malakâl		12.62	+0.58	12.62	+0.59
J. Aulia Res.				371.92	
J. Aulia D.S				376.22	+0.81
Roseires		19.90	+1.03	19.90	+0.98
Sennar Res.				17.20	
Khartûm				16.37	+0.70
Kh. el Girba				14.20	+0.34
'Atbara				16.28	+1.26
Kajnarti				144.12	+2.42
Aswân Res.		115.15		114.78	
Aswân D.S		93.60	+1.46	93.60	+1.46
Roda (Cairo)		20.32	+1.65	20.27	+1.60

Printed by the Survey of Egypt, 1945.(45/306)

At 8h. on *Monday 9th* — الساعة ٨ يوم الاثنين ٩

Region	Station	Present weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Dry bulb °C (TTT)	Max. yesterday °C	Max. diff. from norm. °C	Min. today °C	Min. diff. from norm. °C	% Humidity (UU)	Rainfall past 24 hrs mms.	Total from Oct. 1 mms.	Norm from Oct. 1 mms.
Mediterranean	Salûm												—		—				100
	Matrûh	00	9	28	3	0	0	—	10.6	-2.5	27.2	29	+1	25	+4	80	0	101	161
	Mariut	01	7	24	1	1	4	6	9		29		—	25	—	79	0	187	138
	Alexandria	01	9	22	2	2	5	4	9.6	-3.3	28.9	32	+2	25	+2	80	0	170	116
	Damietta	00	7	20	3	0	0	—	8.4	-3.6	27.8	33	—	22	—	77	0	81	106
	Port Sa'îd	00	8	22	2	0	0	—	8.4	-3.0	28.6	34	+3	25	+2	73	0	71	61
	El 'Arîsh	00	9	20	1	0	0	—	8.7	-3.3	29.9	31	+1	23	+3	63	0	—	74
Lower Egypt	Damanhûr	00	6	24	3	0	3	8	9.0	-3.7	27.4	35	+3	22	+3	87	0	92	101
	Mansûra	00	8	24	1	0	0	—	9.0	-3.3	27.0	38	+5	21	+1	84	0	66	55
	Tanta	01	8	00	0	1	4	8	9.8	-2.9	26.5	36	+3	20	+2	93	0	107	44
	Zagazig	00	6	20	2	0	0	—	10.0	-2.9	26.8	35	+1	21	+2	81	0	24	27
	Shebîn el Kôm	01	8	24	2	1	3	8	—	—	28.8	37	—	22	—	65	0	36	—
Middle Egypt	Cairo Almaza	00	7	26	1	0	2	6	10.1	-2.4	27.8		—	22	—	76	0	10	—
	Cairo Ezbekîya	05	5	00	0	0	1	8	10.3	-2.2	27.3	36	+3	23	+2	79	0	22	26
	Cairo Gîza	09	6	28	2	1	4	6	10.6	-1.9	27.5	35	+2	20	+2	80	0	41	27
	Helwân	00	6	00	0	0	0	—	10.3	-1.9	25.8	38	+5	23	+3	73	0	20	29
	Suez	00	9	00	0	0	0	—	9.8	-1.6	29.1	39	+5	24	+2	66	0	—	17
Upper Egypt	Faiyûm	00	8	00	0	0	0	—	10.2	-2.1	28.0	38	+4	23	+3	70	0	13	8
	Minya	00	9	06	1	0	0	—	9.8	-1.8	29.8	38	+4	23	+3	59	0	tr	—
	Asyût	00	7	00	0	0	0	—	10.0	-1.2	30.1	40	+6	23	+2	41	0	0	4
	Nag Hamâdi	00	8	00	0	0	0	—	9.6	-0.4	30.0	40	—	19	—	48	0	1	—
	Qena	00	8	28	1	0	0	—	9.2	-0.3	30.0	41	+2	24	+1	38	0	13	—
	Luxor	00	7	28	2	0	0	—	9.2	-0.5	32.4	43	+3 (struck)	23	+1 (struck)	27	0	0	—
	Aswân	01	9	00	0	1	3	4	8.6	-0.6	30.7	43	+3	27	+2	17	0	tr	
Western Desert	Sîwa	00	7	00	0	0	0	—	12.2	-2.3	27.0	38	+2	19	+1	68	0	5	8
	Baharîya																	0	7
	Khârga	00	9	00	0	0	0	—	9.8	-1.1	27.8	42	+5	22	0	39	0	1	—
	Dâkhla	00	8	28	1	0	0	—	10.2	-1.7	28.5	40	+3	24	+3	31	0	0	—
Red Sea	Tôr	00	7	28	3	0	0	—	6.3	-2.5	27.1	37	+5	—	—	61	0	0	13
	Hurghâda	00	8	28	2	0	0	—			31.2	37	+4	24	+1	35	0	1	3
	Quseir	01	8	30	2	1	3	4	7.2	-1.5	32.2	37	+4	28	+2	35	0	11	4
	Port Sûdân	01	8	02	3	1	4	4	6		39					26	0	73	106
North Sûdân	Wâdi Halfa	00	8	04	2	0	0	—	8		30					38	0	6	—
	Kareima	01	8	24	4	1	5	2	9		30					49	0	25	26
	'Atbara	02	7	20	4	3	8	4	9		30					49	0	74	66
	Khartûm	02	8	22	3	2	5	4	11		25					—	3	187	151
	Kassala	02	8	18	3	1	6	6,4	12		27					70	1	383	298
Central Sûdân	Wad Medani	02	9	18	4	1	7	5	11		24					61	0	392	357
	Renk												—		—		—		459
	Roseires																	708	718
	El Obeid	02	9	04	3	1	6	4	11		22					83	11	572	319
	El Fâsher	81	8	00	0	6	7	6,4	—	—	21					83	8	254	299
	Geneina								—	—			—		—				530
	Kadugli	02	8	20	2	1	6	9	13		24		—		—	—	—		650
S. Sûdân	Malakâl	01	8	00	0	1	5	6,4	13		23					89	9	933	740
	Wâu																	1054	928
	Juba	02	8	00	0	1	6	6,4	14		22					94	0	1124	888

Upper Winds on 9th — الرياح العليا يوم ٩

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh	Mariut	Port Sa'îd	Helwân	Minya	Asyût (7 h.)	(struck) (08 h. 53 m.)	Aswân (7 h.)	Wâdi Halfa	Abu Hamad	Kareima (7 h. 15 m.)	Khartûm (7 h.)
					05 02 10	02 32 20	02 02 10			09 28 25	09 34 40
					10 35 15	05 00 00	05 03 30				15 17 55
					15 28 15	08 32 10	10 03 30				21 35 25
						10 32 25	15 32 15				24 03 30
						15 31 30	20 25 25				30 08 25
						20 28 30	25 24 35				
						23 27 15					
						25 19 10					
						30 15 15					

Kassala (6 h. 45 m.)	Port Sûdân	El Obeid (7 h.)	El Fâsher	Geneina	Malakal (7 h.)
15 23 20		09 24 15			09 17 05
21 20 15		15 21 05			15 25 05
27 36 15		21 09 20			27 14 05
33 05 30		27 10 35			33 14 15
39 15 55		33 08 45			39 13 15

Upper air temp. Almâza at 05 G.M.T. on 9th

Height feet	P.P.P m.b.	TT °F	tt °F
Surface	1000	76	72
500	982	71	70
1000	964	72	69
1500	947.5	75	58
2000	930	77	56
4000	864	72	54
6000	801	62	49
8000	743	52	43
10000	688	42	34
12000	636	40	24
14000	588	30	23
16000	542	21	16

Cyprus synoptic 8h. on 9th

34750 02855 06215 06321 30002 00230

34898 02874 16125 08211 03305 00270

Annual subscription P.T. 150

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	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 Amount (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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.

DAILY WEATHER REPORT

Sunset 18 08 — Month SEPTEMBER 1946 — شهر سبتمبر ١٩٤٦

At 14h. on MONDAY 9th — الساعة ١٤ يوم الاثنين ٩ — Rain 8–14h. At 20h. on 9th — الساعة ٢٠ يوم ٩ — Rain 14–20h.

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8–14 mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14–20 mms	Station Number
MEDITERRANEAN																							
Salûm																							130
Matrûh	00	9	28	3	0	0	—	9.8	28.6	76	0	00	8	28	3	0	0	—	10.2	27.4	78	0	131
Mariut	00	7	24	3	0	0	—	8	32	55	0	00	7	28	2	0	0	—	9	27	84	0	150
Alexandria	00	9	32	4	0	0	—	8.3	30.6	75	0	01	6	06	2	1	4	4	9.2	26.6	84	0	132
Damietta	00	7	28	2	0	0	—	7.4	33.0	60	0	00	7	00	0	0	0	—	8.4	26.2	84	0	159
Port Sa'îd	00	8	20	2	0	0	—	7.5	35.2	40	0	00	8	30	2	0	0	—	9.0	28.3	75	0	134
El 'Arîsh	00	9	32	4	0	0	—	8.0	30.7	56	0	00	9	32	3	0	0	—	7.8	27.7	91	0	135
LOWER EGYPT																							
Damanhûr	00	7	28	4	0	0	—	7.8	34.0	45	0	00	7	32	2	0	0	—	8.6	27.0	78	0	136
Mansûra	01	8	20	2	1	3	8	7.9	36.2	40	0	00	6	02	2	1	0	—	8.6	28.2	76	0	137
Tanta	00	8	24	1	0	0	—	8.0	35.4	42	0	00	8	00	0	0	0	—	8.7	28.3	73	0	138
Zagazig	00	6	24	2	0	0	—	7.8	34.6	45	0	00	6	32	1	1	3	—	8.7	30.2	65	0	139
Shebîn el Kôm	00	8	22	3	0	0	—	7.6	38.2	31	0	00	7	02	2	0	0	—	8.4	27.9	73	0	—
MIDDLE EGYPT																							
Cairo Almâza	00	8	26	2	0	1	8	8.5	36.9	27	0	00	7	19	1	1	3	4	8.3	32.8	26	0	141
Cairo Ezbekîya	00	8	18	2	0	1	8	8.0	36.8	34	0	01	7	00	0	0	4	8	9.1	29.5	43	0	—
Cairo Gîza	00	8	26	1	0	3	8	7.9	38.9	21	0	01	8	00	0	0	3	8	8.8	30.5	42	0	—
Helwân	00	8	22	1	0	1	8	7.6	35.6	24	0	00	7	00	0	0	3	4	8.4	32.1	25	0	143
Suez	00	9	30	1	0	0	—	7.8	37.5	30	0	00	9	30	1	0	0	—	7.8	33.4	32	0	144
UPPER EGYPT																							
Faiyûm	01	8	30	1	1	3	8	7.8	37.0	29	0	01	8	00	0	1	3	8	8.2	30.9	43	0	153
Minya	00	9	32	2	1	0	—	7.4	37.8	35	0	00	8	32	1	0	0	—	8.4	31.2	44	0	154
Asyût	00	8	28	1	0	0	—	8.4	35.3	28	0	00	6	28	1	0	0	—	9.4	30.8	38	0	155
Nag' Hamâdi	00	8	00	0	0	0	—	7.6	37.8	28	0	00	8	00	0	0	0	—	9.0	31.4	37	0	164
Qena	01	9	22	2	0	3	3	7.2	39.0	28	0	00	6	22	2	1	0	—	7.8	32.2	48	0	156
Luxor												00	6	28	1	0	0	—	7.9	29.8	36	0	157
Aswân	00	9	32	2	0	0	—	6.4	41.5	10	0	00	9	00	0	0	0	—	8.2	37.5	14	0	158
WESTERN DESERT																							
Sîwa	00	8	24	2	0	0	—	11.5	36.2	47	0	00	—	00	0	0	0	—	11.0	31.6	53	0	148
Baharîya	00	9	32	1	0	0	—	10.6	35.5	35	0	00	—	00	0	0	0	—	10.3	27.0	56	0	149
Khârga	01	9	28	4	1	4	3	8.0	40.8		0	00	—	32	1	0	0	—	9.0	35.0	31	0	151
Dakhla	00	9	28	1	0	0	—	9.0	38.0	23	0	00	7	28	1	0	0	—	10.2	29.0	29	0	152
RED SEA																							
Tôr	00	7	28	3	0	0	—	7.5	34.9	57	0	00	7	28	3	0	0	—	6.3	28.2	47	0	145
Hurghâda	00	8	02	2	0	0	—	—	34.4	43	0	00	8	00	0	0	0	—	—	28.9	42	0	146
Quseir	00	8	04	1	0	0	—	7.0	34.0	58	0	01	8	02	1	1	3	4	6.6	32.0	40	0	147
Port Sûdân	00	8	06	4	1	3	8,2	4	38	37													208
NORTH SÛDÂN																							
Wâdi Halfa	00	8	02	2	0	0	—	6	41	19													165
Kareima	06	7	00	0	1	4	2	6	37	35													166
'Atbara	02	7	20	3	1	7	4,2	4	36	29													167
Khartûm	02	8	22	3	2	5	2	7	32	43													269
Kassala	01	8	06	1	1	4	8,1	6	34	41													170
CENTRAL SÛDÂN																							
Wad Medani	02	8	18	4	1	5	3	7	31	49													171
Renk	01	9	16	3	1	4	3	—	30	66													182
Roseires																							172
El Obeid																							174
El Fâsher	02	9	14	2	1	6	8,4	—	29	49													175
Geneina	01	8	08	1	1	5	9,4	—	32	43													179
Kadugli	02	8	20	3	1	6	9	9	29	66													187
S. SÛDÂN																							
Malakâl																							176
Wâu	02	8	16	3	6	8	9,4	8	25	74													177
Juba	01	8	26	1	1	5	8	8	31	55													178

UPPER WINDS ON 9th — الرياح العليا يوم ٩

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh	Mariut	Port Sa'îd	Almâza	Minya	Luxor	Hurghâda	Wâdi Halfa	Kareima	Khartûm	Kassala	El Obeid	Malakal	Juba
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	12 h. 45 m.	13 h. m.	12 h. 45 m.	h. m.	h. m.	13 h. 15 m.
								09 00 00	09 22 15	09 20 20			09 05 15
								15 27 05	15 22 20	15 22 15			15 06 05
								21 30 15	21 31 10	21 26 10			21 09 15
									24 31 10	27 26 05			27 06 05
									27 26 10	33 26 10			33 10 05
									30 28 05	39 25 05			39 10 05
									36 28 05				

Remarks

Hours are Egyptian standard time, long. 30 E. and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 9th	Diff from normal	Wet Bulb Temp °C on 9th	Diff from normal
Alexandria	80	+12	25.4	+3.3
Ezbekiya	55	−8	23.4	+1.6
Giza	56	−10	23.2	+1.9
Helwân	45	−8	21.0	+1.0

GÎZA — Grass minimum temp. on 10th 18.9 °C

CAIRO — Water temp. River Nile at 9h. on 10th 28.3 °C

Discharges at Aswân measured by sluices m³ per sec.	Date	1946	1945
	10th	10799	6842
	9th	10858	6936

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	10th			13.86	+0.03
Nâsser					
Malakâl				12.62	+0.58
J. Aulia Res.				376.89	—
J. Aulia D.S				376.05	+0.66
Roseires		19.20	+0.41	19.90	+1.03
Sennar Res.				17.21	—
Khartûm				16.24	+0.58
Kh. el Girba				14.18	+0.38
'Atbara		16.15	+1.15	16.22	+1.21
Kajnarti				144.05	+2.37
Aswân Res.		115.52	—	115.15	—
Aswân D.S		93.60	+1.47	93.60	+1.46
Roda (Cairo)		20.32	+1.65	20.32	+1.65

Printed by the Survey of Egypt, 1945.(45/306)

At 8h. on TUESDAY 10th — الساعة ٨ يوم الثلاثاء ١٠

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
MEDITERRANEAN																		
Salûm												—		—				100
Matrûh	00	9	30	3	0	0	—	11.0	−2.3	28.0	30	+2	—	—	78	0	101	161
Mariut	01	7	20	2	0	3	6	9	—	27	33	—	23	—	79	0	187	138
Alexandria	02	9	20	2	2	5	8	9.6	−3.4	27.0	32	+2	23	0	78	0	170	186
Damietta	00	7	20	1	0	0	—	9.5	−2.7	27.6	35	—	24	—	80	0	81	106
Port Sa'îd	00	8	20	1	0	0	—	9.6	−1.9	30.1	36	+5	26	+3	63	0	71	81
El 'Arîsh	00	9	16	1	0	0	—	9.8	−2.3	30.2	31	+1	21	+1	72	0	—	94
LOWER EGYPT																		
Damanhûr	00	6	20	3	0	0	—	9.2	−3.6	25.8	36	+4	23	+4	85	0	92	101
Mansûra	00	8	20	1	0	0	—	10.0	−2.4	28.5	38	+5	23	+4	75	0	66	55
Tanta	00	8	20	1	0	0	—	9.9	−2.9	27.2	37	+4	22	+4	85	0	107	44
Zagazig	00	6	08	2	0	0	—	10.2	−2.8	28.1	36	+2	22	+4	79	0	24	27
Shebîn el Kôm	00	8	22	2	0	0	—	9.4	−3.4	30.2	39	—	23	—	67	0	36	—
MIDDLE EGYPT																		
Cairo Almaza	00	7	00	0	1	0	—	9.1	−3.5	27.2	38	—	24	—	75	0	10	—
Cairo Ezbekîya	05	6	00	0	1	1	8	10.4	−2.2	28.3	39	+6	24	+4	75	0	22	26
Cairo Gîza	00	8	24	1	1	0	—	10.7	−1.9	29.2	40	+8	22	+4	69	0	41	27
Helwân	00	6	00	0	0	0	—	10.6	−1.7	26.9	38	+5	24	+4	65	0	20	29
Suez	00	9	02	1	0	0	—	10.6	−0.9	30.6	40	+6	24	+2	57	0	—	17
UPPER EGYPT																		
Faiyûm	00	8	00	0	0	0	—	10.3	−2.1	27.7	38	+4	22	+2	64	0	13	8
Minya	00	9	16	2	0	0	—	10.8	−0.9	28.3	38	+5	22	+2	41	0	dr.	—
Asyût	00	7	00	0	0	0	—	11.2	−0.1	30.0	38	+4	24	+3	40	0	0	4
Nag' Hamâdi	00	8	00	0	0	0	—	11.0	+0.9	30.3	39	—	20	—	51	0	1	—
Qena	00	8	24	1	0	0	—	10.4	+0.8	30.2	40	+1	24	+1	48	0	13	—
Luxor	00	7	28	2	0	0	—	10.6	+0.8	32.8	41	+1	25	+3	30	0	0	—
Aswân	01	9	02	1	1	5	4	10.0	+0.7	30.3	42	+2	28	+3	29	0	dr.	—
WESTERN DESERT																		
Sîwa	00	7	00	0	0	0	—	12.8	−1.8	27.0	38	+2	19	+1	63	0	5	8
Baharîya	00	9	32	1	0	0	—	12.3	−1.0	28.0	37	+3	20	+1	51	0	0	7
Khârga	00	9	32	2	0	0	—	11.6	+0.6	28.0	42	+5	23	+1	32	0	1	—
Dâkhla	00	8	28	1	0	0	—	12.2	+0.2	27.0	40	+3	25	+4	30	0	0	—
RED SEA																		
Tôr	00	7	00	0	0	0	—	8.8	−0.1	30.9	37	+5	—	—	61	0	0	13
Hurghâda	00	8	28	2	0	0	—	—	—	34.2	36	+3	23	0	21	0	1	3
Quseir	02	8	28	1	1	5	4	8.2	−0.6	32.4	35	+2	29	+3	28	0	11	4
Port Sûdân	01	9	26	2	1	3	4	8		35					47	0	73	106
NORTH SÛDÂN																		
Wâdi Halfa	00	8	04	1	1	0	—	9		31					43	0	tr.	—
Kareima	00	8	18	1	1	3	4,2	9		31					59	0	25	26
'Atbara	02	8	20	2	0	6	2	10		30					49	0	94	66
Khartûm	01	8	16	3	1	4	1	10		28					62	0	187	152
Kassala	00	8	18	3	0	0	—	11		28					70	0	383	290
CENTRAL SÛDÂN																		
Wad Medani	01	9	20	4	0	3	1	10		27					70	0	392	359
Renk	01	9	12	3	2	4	4	10		25		—		—	84	—	—	460
Roseires																0	708	723
El Obeid	00	9	24	3	1	2	4	11		24					65	1	573	322
El Fâsher	01	9	00	0	1	3	4	—	—	23					89	0	254	300
Geneina	01	8	00	0	1	5	4	—	—	23		—		—	84	—	—	533
Kadugli	02	8	28	2	1	6	4	13		24		—		—	84	—	—	655
S. SÛDÂN																		
Malakâl	02	8	00	0	1	6	4	12		27					79	0	933	745
Wâu	02	8	16	2	1	5	4	12		23					89	2	1056	994
Juba	01	8	12	1	0	5	6,4	13		24					84	0	1124	892

UPPER WINDS ON 10th — الرياح العليا يوم ١٠

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh	Mariut	Port Sa'îd	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa	Abu Hamad	Kareima	Khartûm
h. m.	h. m.	9 h. m.	8 h. 45 m.	7 h. m.	7 h. m.	h. m.	7 h. m.	h. m.	7 h. 30 m.	h. m.	h. m.
		02 05 05	02 15 05	03 14 05	02 00 00		02 02 20		09 27 35		
		05 21 10	05 20 05	06 26 35	05 34 10		04 01 45		15 31 15		
		10 25 15	10 24 20	09 27 30	10 36 20		10 35 30		21 05 20		
		15 23 30	15 23 30	12 24 40			15 34 30		27 06 15		
		17 22 30	20 22 25	15 24 20			20 26 30		33 05 25		
			25 11 15	18 25 50					39 07 35		
			30 02 10	21 25 25							
			35 34 10	24 23 30							

Kassala	Port Sûdân	El Obeid	El Fâsher	Geneina	Malakal
h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	h. m.
	09 01 35	09 22 25	09 00 00	09 15 10	
	15 03 40	15 22 35	15 21 15	15 19 10	
	21 04 40	21 21 20		21 09 30	
	27 07 30	24 18 10		27 19 35	
	33 06 30			33 07 40	
	39 05 25			39 06 30	

Upper Air Temp. Almâza at 6h. G.M.T. on 10th

Height feet	P.P.P m.b.	TT °F	tt °F
Surface	1000	76	73
500	982	72	71
1000	964	73	70
1500	947	79	65
2000	930	78	62
4000	864	70	53
6000	801	59	46
8000	743	52	39
10000	688	41	33
12000	636	38	22
14000	588	28	21
16000	542	23	17

CYPRUS SYNOPTIC 8h. ON 10th

34710 00962 08202 09292 20106 93240.
34803 01994 08114 09261 50305 9723x.

ANNUAL SUBSCRIPTION P.T. 150

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

Sunset 18 06 — Month September 1946

DAILY WEATHER REPORT

١٩٤٦ شهر سبتمبر

At 14h. on 10th Tuesday — الساعة ١٤ يوم الثلاثاء ١٠ — At 20h. on 10th — الساعة ٢٠ يوم ١٠

Station	14h Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar press M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	Rain 8-14 h. mms	20h Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar press M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	Rain 14-20 h. mms	Station number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	28	3	0	0	—	10.8	29.0	79	0	00	8	28	3	0	0	—	11.8	27.2	78	0	131
MARIUT	01	7	28	3	0	3	6	9	31	66	0	00	7	21	2	0	2	6	10	27	89	0	150
ALEXANDRIA	01	9	10	2	2	4	8	9.2	30.6	64	0	01	6	10	2	2	4	4	10.4	27.4	81	0	132
DAMIETTA	00	7	30	3	0	1	8	8.8	30.5	49	0	00	7	28	1	0	0	—	8.8	27.0	84	0	159
PORT SA'ÎD	00	8	30	3	0	0	—	8.7	33.4	63	0	00	8	02	1	0	2	1	9.9	27.5	83	0	134
EL 'ARÎSH	00	9	32	3	0	0	—	8.7	34.1	44	0	00	9	32	4	0	0	—	8.7	28.9	83	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	32	3	0	0	—	8.8	33.4	48	0	01	7	32	2	1	3	8	9.8	26.4	85	0	136
MANSÛRA	00	8	16	1	0	0	—	9.1	34.5	46	0	00	6	02	2	0	0	—	9.0	27.8	83	0	137
TANTA	00	8	00	0	0	0	—	8.5	35.0	42	0	00	8	00	0	0	0	—	9.2	27.9	77	0	138
ZAGAZIG	00	6	30	1	0	0	—	8.6	34.8	43	0	00	6	28	2	0	0	—	8.2	27.4	67	0	139
SHEBÎN EL KÔM	00	8	22	3	0	0	—	8.4	37.7	33	0	00	7	30	2	0	0	—	9.6	27.3	83	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	26	2	0	0	—	7.3	36.4	24	0	00	7	00	0	0	0	—	10.3	32.5	45	0	141
CAIRO EZBEKÎYA	00	8	22	1	0	0	—	8.4	36.8	27	0	05	8	30	2	0	0	—	7.7	34.0	41	0	—
CAIRO GÎZA	00	8	24	1	0	0	—	8.6	38.7	26	0	00	8	30	1	0	0	—	9.8	28.9	65	0	—
HELWÂN	00	7	00	0	0	0	—	8.0	37.1	22	0	00	6	00	0	0	0	—	8.8	32.0	34	0	143
SUEZ	00	9	30	1	0	0	—	8.6	37.3	19	0	00	9	30	1	0	0	—	9.6	31.4	47	0	144
UPPER EGYPT																							
FAIYÛM	00	8	26	1	0	0	—	8.3	34.4	30	0	00	8	00	0	0	0	—	8.2	29.1	57	0	153
MINYA	00	9	08	3	0	0	—	8.7	35.8	31	0	00	9	00	0	1	0	—	9.4	29.7	37	0	154
ASYÛT	00	8	28	1	0	0	—	8.8	37.5	21	0	00	7	22	1	0	0	—	9.0	30.9	39	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	9.1	36.9	30	0	00	8	00	0	0	0	—	7.9	30.3	39	0	164
QENA	00	9	26	2	0	0	—	8.4	39.2	29	0	00	6	24	1	0	0	—	8.2	32.2	39	0	156
LUXOR	00	7	26	2	0	0	—	8.7	41.0	31	0	00	8	28	1	0	0	—	8.7	31.2	22	0	157
ASWÂN	00	9	02	2	0	0	—	7.4	41.0	10	0	00	9	00	0	0	0	—	8.3	37.0	13	0	158
WESTERN DESERT																							
SÎWA	00	8	28	3	0	0	—	12.3	39.0	14	0	00	5	00	0	0	0	—	14.4	32.2	36	0	148
BAHARÎYA																							149
KHÂRGA	00	9	28	3	0	0	—	9.9	40.0	13	0	00	7	32	1	0	0	—	12.4	34.3	21	0	151
DAKHLA	00	9	28	1	0	0	—	9.0	37.0	14	0	00	7	28	1	0	0	—	12.0	27.2	30	0	152
RED SEA																							
TÔR	00	7	28	3	0	0	—	6.8	36.1	57	0	00	7	28	3	0	0	—	6.6	34.1	61	0	145
HURGHÂDA	00	8	02	2	0	0	—	—	35.2	38	0	00	8	32	1	0	0	—		30.2	45	0	146
QUSEIR	00	8	04	1	1	1	1	8.2	35.0	57	0	00	8	04	1	0	0	—	7.4	30.8	58	0	147
PORT SÛDÂN	00	8	06	3	0	1	8	6	37	56													189
NORTH SÛDÂN																							
WÂDI HALFA																							165
KAREIMA																							166
'ATBARA	01	8	32	2	1	3	8	5	40	20													167
KHARTÛM	01	8	30	2	0	4	8,4	7	36	33													168
KASSALA	01	8	28	1	1	5	8	6	37	33													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	20	2	0	4	8	6	35	44													171
RENK																							182
ROSEIRES																							172
EL OBEID	01	9	00	0	1	5	8,4	7	32	47													174
EL FÂSHER	01	9	18	2	1	4	8,4	—	32	43													175
GENEINA																							179
KADUGLI	01	8	28	3	1	4	7	8?	32	49													187
S. SÛDÂN																							
MALAKÂL																							176
WÂU	01	8	16	1	1	5	8	8?	32	52													177
JUBA	87	8	32	1	8	8	7,5	12	22	74													178

At 8h. on Wednesday 11th — الساعة ٨ يوم الأربعاء ١١

Station	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C MM	Max Diff. from norm. °C	Minimum Today °C mm	Min Diff from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct 1 mms
MEDITERRANEAN																		
SALÛM												—		—				100
MATRÛH	01	9	28	3	0	4	8	11.9	-1.5	26.4	30	+2	—	—	81	0	101	161
MARIUT	00	7	28	1	1	0	—	10		28	32	—	26	—	79	0	187	138
ALEXANDRIA	01	9	32	2	2	3	4	10.6	-2.6	28.0	32	+2	26	+3	70	0	170	186
DAMIETTA	01	8	28	3	1	4	8	9.1	-3.2	27.7	35	—	24	—	74	0	81	106
PORT SA'ÎD	01	8	02	1	1	3	8	9.1	-2.5	28.9	34	+3	26	+3	70	0	71	81
EL 'ARÎSH	00	9	16	1	0	0	—	9.0	-3.3	31.1	38	+8	22	+2	73	0	—	94
LOWER EGYPT																		
DAMANHÛR	00	6	24	3	0	0	—	9.5	-3.5	27.0	34	+2	23	+4	86	0	92	101
MANSÛRA	01	8	02	2	1	3	8	9.5	-3.1	28.0	38	+5	24	+5	77	0	66	55
TANTA	00	8	28	1	0	0	—	9.8	-3.2	26.9	36	+3	22	+4	85	0	107	44
ZAGAZIG	02	6	30	2	0	6	8	9.4	-3.7	25.6	36	+3	23	+5	94	0	24	27
SHEBÎN EL KÔM	01	8	22	2	2	3	8	9.1	-3.8	27.8	38	—	23	—	71	0	36	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	6	30	1	1	4	6	9.5	-3.2	26.7	38	—	25	—	89	0	10	—
CAIRO EZBEKÎYA	05	6	28	2	1	5	8	10.4	-2.3	27.9	38	+5	25	+5	78	0	22	26
CAIRO GÎZA	02	7	26	2	2	5	6	10.0	-2.7	27.6	40	+8	24	+6	80	0	41	27
HELWÂN	09	6	28	2	2	5	0	10.2	-2.2	25.9	38	+5	24	+4	85	0	20	29
SUEZ	00	9	02	1	0	0	—	10.0	-1.6	29.1	39	+5	25	+3	69	0	—	17
UPPER EGYPT																		
FAIYÛM	01	8	32	2	1	4	8	10.2	-2.3	27.2	38	+4	24	+4	73	0	13	8
MINYA	01	8	32	2	1	5	5	10.4	-1.4	27.0	38	+5	23	+3	78	0	[illegible]	—
ASYÛT	00	7	22	1	0	0	—	10.4	-1.0	28.3	38	+4	22	+1	63	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	9.2	-1.0	28.3	38	—	19	—	57	0	1	—
QENA	00	8	28	1	0	0	—	9.0	-0.8	29.0	40	+1	23	+1	42	0	13	—
LUXOR	00	7	28	1	0	0	—	9.5	-0.4	30.4	42	+2	22	—	34	0	0	—
ASWÂN	00	9	00	0	0	0	—	9.0	-0.4	31.4	42	+2	27	+3	22	0	[illegible]	
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	13.6	-1.1	26.8	40	+4	18	0	48	0	5	8
BAHARÎYA																	0	7
KHÂRGA	00	9	00	0	0	0	—	10.4	-0.7	28.4	40	+3	24	+2	50	0	1	—
DÂKHLA	00	8	28	1	0	0	—	11.5	-0.6	28.8	39	+2	24	+3	29	0	0	—
RED SEA																		
TÔR	00	7	04	3	0	0	—	8.2	-0.8	27.9	38	+6	—	—	63	0	0	13
HURGHÂDA	00	8	26	2	0	0	—			32.6	37	+4	23	0	25	0	1	3
QUSEIR	00	8	26	1	0	0	—	7.2	-1.7	33.4	37	+4	28	+2	41	0	11	4
PORT SÛDÂN	01	8	18	1	1	3	4	7		35					39	0	73	106
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	2	0	1	4	9		31					36	0	5	—
KAREIMA	01	8	00	0	1	4	8	7		32					36	0	25	26
'ATBARA	01	8	00	0	0	3	2	6		28					41	0	94	66
KHARTÛM	01	8	22	3	1	3	4	8		31					55	0	187	152
KASSALA	01	8	18	2	1	3	6	9		29					66	0	383	293
CENTRAL SÛDÂN																		
WAD MEDANI	02	9	16	4	1	7	1	10		26					79	10	402	362
RENK												—		—		—	—	464
ROSEIRES																6	708	731
EL OBEID	02	9	18	3	1	7	2	9		26					79	0	573	325
EL FÂSHER	01	9	00	0	1	5	4	—	—	24					84	0	254	301
GENEINA	01	8	28	1	1	4	6	—	—	21		—		—	74	0	—	536
KADUGLI	01	8	12	2	1	4	1	12		26		—		—	84	—	—	659
S. SÛDÂN																		
MALAKÂL	02	8	00	0	1	5	4	11		26					84	2	935	750
WÂU	02	8	20	3	6	7	6,4	13		22					88	5	1061	1000
JUBA	01	8	20	2	1	4	6,4	13		22					94	12	1136	896

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

UPPER WINDS ON 10th — الرياح العليا يوم ١٠

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	12 h. m.	12 h. 45 m.	13 h. m.	12 h. 45 m.	h. m.
									09 26 05	09 28 15	09 00 00	09 00 00	
									15 23 05	15 24 05	15 16 15	15 27 05	
										21 16 05		21 27 15	
										27 07 15		27 27 10	
												33 29 10	
												39 29 05	

UPPER WINDS ON 11th — الرياح العليا يوم ١١

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	7 h. m.	9 h. 06 m.	6 h. 15 m.	7 h. m.	6 h. 30 m.	h. m.	h. m.	h. m.	7 h. m.	h. m.
		06 32 10	02 33 25	03 36 30	03 31 25	03 27 05				09 05 50	
		09 31 10	05 33 20	06 34 30	05 34 30	06 27 25				15 05 25	
		15 01 25	08 33 25	09 32 30	10 33 25	09 27 15				21 07 25	
			10 33 25	15 32 25	15 31 25	15 27 25				27 09 25	
			15 34 20	21 34 30		21 29 25					
				30 24 40		30 26 75					
				45 02 40							

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6 h. 45 m.	7 h. 30 m.	7 h. m.	h. m.	h. m.	7 h m.
09 18 25	09 01 35	09 34 35			09 19 15
15 21 35	15 03 30	15 22 15			15 14 05
21 24 40	21 08 25	21 08 20			21 23 05
27 30 15	27 15 35	27 06 15			27 13 05
33 28 25		33 04 10			33 13 10
39 33 25					39 11 05

UPPER AIR TEMP. ALMÂZA AT 6 G.M.T ON 11th

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	1000	79	76
500	982	76	72
1000	964	74	71
1500	947	72	70
2000	930	77	61
4000	[illegible]	72	52
6000	801	64	48
8000	743	55	42
10000	688	45	33
12000	636	37	26
14000	588	31	26
16000	542	25.5	22

CYPRUS SYNOPTIC 8h. ON 11th

34803 01894 24214 09242 10202 00200
34750 01972 08102 08291 50301 00190

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day Humidity % on 10th	Diff from normal	Wet bulb temp °C on 10th	Diff from normal
Alexandria	77	+7	24.9	+2.8
Ezbekiya	62	-1	24.5	+2.7
Giza	62	-4	24.4	+3.1
Helwân	46	-7	21.8	+1.9

GÎZA — GRASS MINIMUM TEMP. ON 11th 21.6 °C

CAIRO — WATER TEMP. AT 8h. RIVER NILE ON 11th 28.6 °C

Discharges at Aswân measured by sluices m³ per sec. Date	1946	1945
11-9	10775	6810
10-9	10799	6842

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				13.85	+0.02
Nâsser				10.65	+0.44
Malakâl		13.88	+0.62	13.87	+0.62
J. Aulia Res.		377.00		376.99	
J. Aulia D.S		375.90	+0.61	376.01	+0.63
Roseires		19.10	+0.42	19.20	+0.41
Sennar Res.				17.18	
Khartûm		16.23	+0.59	16.23	+0.58
Kh. el Girba				14.00	+0.27
'Atbara		16.02	+1.03	16.15	+1.15
Kajnarti		143.92	+2.28	143.97	+2.31
Aswân Res.		115.82		115.52	
Aswân D.S		93.60	+1.48	93.60	+1.47
Roda (Cairo)		20.34	+1.67	20.32	+1.65

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, 1945 (45/306)

ANNUAL SUBSCRIPTION P.T. 150

At 14h. on 11th Wednesday — الساعة ١٤ يوم ١١ الأربعاء; At 20h. on 11th — الساعة ٢٠ يوم ١١ الأربعاء

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	28	3	1	0	—	11.5	28.6	78	0	00	8	28	2	0	0	—	11.0	26.6	78	0	131
MARIUT	00	7	28	3	0	0	—	10	31	66	0	00	7	29	1	0	0	—	10	26	89	0	150
ALEXANDRIA	00	9	28	4	0	0	—	10.4	30.0	62	0	00	6	30	2	0	0	—	11.4	27.0	69	0	132
DAMIETTA	00	8	30	3	1	2	8	8.8	29.1	70	0	00	7	28	2	1	0	—	7.5	26.5	85	0	159
PORT SA'ÎD	00	8	02	2	0	2	1	9.2	32.0	61	0	01	8	30	2	1	3	4,5	9.6	27.6	81	0	134
EL 'ARÎSH	00	9	30	4	0	0	—	8.2	30.6	62	0	00	9	25	3	0	0	—	8.7	28.8	82	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	24	4	0	0	—	9.6	31.3	59	0	00	7	28	3	0	0	—	10.3	25.3	87	0	136
MANSÛRA	01	8	04	2	1	3	8	9.4	33.4	53	0	01	6	02	2	1	3	8	10.3	26.8	78	0	137
TANTA	00	6	24	2	0	0	—	9.6	34.0	51	0	00	8	28	2	0	0	—	11.0	25.5	78	0	138
ZAGAZIG	00	6	32	2	0	0	—	9.0	32.8	54	0	01	6	34	2	0	5	8	9.8	28.0	70	0	139
SHEBÎN EL KÔM	00	8	30	3	0	0	—	8.2	34.7	42	0	00	7	02	2	0	0	—	8.7	26.2	70	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	32	2	0	1	8	8.7	33.7	52	0	00	7	00	0	0	0	—	10.6	28.5	61	0	141
CAIRO EZBEKÎYA	00	8	02	3	0	0	—	9.2	34.5	39	0	00	7	32	2	0	0	—	10.8	26.5	58	0	—
CAIRO GÎZA	00	8	04	2	0	0	—	9.5	34.4	43	0	00	8	00	0	0	0	—	10.3	27.5	59	0	—
HELWÂN	00	7	28	4	0	0	—	8.3	33.7	32	0	00	8	32	4	0	0	—	10.0	29.0	47	0	143
SUEZ	00	9	30	2	0	0	—	7.2	36.9	17	0	00	9	30	2	0	0	—	9.6	30.8	48	0	144
UPPER EGYPT																							
FAIYÛM	00	8	32	3	1	1	8	8.4	34.8	37	0	00	8	32	1	0	0	—	7.8	30.0	39	0	153
MINYA	00	9	32	3	1	0	—	9.1	34.4	45	0	00	9	32	2	0	0	—	9.8	32.0	43	0	154
ASYÛT	00	8	22	1	0	0	—	8.8	35.4	35	0	00	6	28	1	0	0	—	8.8	31.2	47	0	155
NAG' HAMÂDI	00	8	34	1	0	0	—	7.6	36.9	27	0	00	8	00	0	0	0	—	7.5	29.4	52	0	164
QENA	00	9	22	2	0	0	—	6.7	40.0	30	0	00	6	22	2	0	0	—	6.7	34.3	28	0	156
LUXOR												00	6	28	2	0	0	—	7.2	33.1	24	0	157
ASWÂN	00	9	24	1	0	0	—	6.4	40.3	09	0	00	9	00	0	0	0	—	7.0	36.3	10	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	—	12.8	38.0	37	0	00	—	00	0	0	0	—	14.6	30.1	41	0	148
BAHARÎYA	00	9	32	1	0	0	—	10.4	35.5	35	0												149
KHÂRGA	00	9	32	2	0	0	—	7.0	38.3	20	0	00	—	32	1	0	0	—	8.6	34.3	26	0	151
DAKHLA	00	9	28	1	0	0	—	8.3	38.0	23	0	00	8	28	2	0	0	—	11.5	29.0	29	0	152
RED SEA																							
TÔR	00	7	28	4	0	0	—	7.5	32.5	57	0	00	7	28	4	0	0	—	6.2	30.9	57	0	145
HURGHÂDA	00	8	02	2	0	0	—	—	33.6	46	0	00	8	26	1	0	0	—	—	28.6	37	0	146
QUSEIR	00	8	02	2	0	0	—	6.1	34.2	55	2	00	8	30	2	0	0	—	6.2	30.2	67	0	147
PORT SÛDÂN	00	8	06	3	0	1	8	5	37	48	0												169
NORTH SÛDÂN																							
WÂDI HALFA	00	8	02	3	0	3	4	7	41	25													165
KAREIMA	01	8	08	2	1	4	8,1	4	42	17													166
'ATBARA	03	8	32	3	1	8	8	3	40	28													167
KHARTÛM	10	8	20	3	1	5	9	5	37	35													168
KASSALA	02	8	00	0	1	6	9	4	37	35													170
CENTRAL SÛDÂN																							
WAD MEDANI	02	8	30	4	1	5	8	6	32	55													171
RENK	01	9	16	3	1	4	4	—	37	66													182
ROSEIRES																							172
EL OBEID	10	9	20	3	1	7	8	7	32	55													174
EL FÂSHER	10	9	28	1	1	5	8,4	—	31	47													175
GENEINA																							179
KADUGLI																							187
S. SÛDÂN																							
MALAKÂL	02	8	18	1	1	6	8,4	9	29	66													176
WÂU																							177
JUBA	01	8	06	1	0	4	8	8	31	55													178

UPPER WINDS ON 11th — الرياح العليا يوم ١١

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH 12h 15m	MARIUT h. m.	PORT SA'ÎD 12h 20m	ALMÂZA h. m.	MINYA h. m.	LUXOR 13h m.	HURGHÂDA h. m.	WÂDI HALFA 12h 15m	KAREIMA 13h m.	KHARTÛM 13h m.	KASSALA 13h m.	EL OBEID 13h m.	MALAKAL 13h m.	JUBA 13h m.
03 32 25		03 31 15			03 38 05		09 35 40	09 07 30	09 31 25	09 33 10	09 22 20	09 23 15	09 05 20
06 31 30		06 33 15			06 29 05		15 34 30	15 07 25	15 19 25	15 25 30	15 23 30	15 22 15	15 02 25
09 30 25		09 33 30			09 30 15		21 38 30	21 06 15	21 32 15	21 24 05	21 28 15	21 23 15	21 30 10
12 30 40		12 34 20			12 28 20		27 29 15	27 05 15	24 32 15	27 23 05		27 23 10	27 17 20
15 30 35		15 35 25			15 20 15		33 26 15	33 05 20	30 35 20	33 27 05		33 16 05	33 17 10
18 28 50		18 35 30			18 30 20			39 05 20				39 18 10	39 18 10
27 24 30		21 35 34			21 27 25								51 21 05
30 21 25		24 34 30			24 27 50								63 14 05
		27 34 40			27 30 25								

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time.

Station	Mean of day: Humidity % on 11th	Diff from normal	Wet bulb temp °C on 11th	Diff from normal
Alexandria	67	-1	23.9	+1.9
Ezbekiya	62	-2	23.9	+2.2
Gîza	65	-1	23.8	+2.6
Helwân	62	+8	22.4	+2.6

GÎZA — GRASS MINIMUM TEMP. on 12th 16.3°C

CAIRO — WATER TEMP. RIVER NILE AT 9h. on 12th 28.8°C

Discharges at Aswan measured by sluices m³ per sec. — Date	1946	1945
12-9	10766	6938
11-9	10775	6810

Gauge	Date (1946)	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	12-9-46	—	—	14.00	+0.18
Nâsser		—	—	10.69	+0.45
Malakâl		12.70	+0.63	12.68	+0.62
J. Aulia Res.		—	—	377.00	—
J. Aulia D.S		—	—	375.98	+0.61
Roseires		19.46	+0.86	19.10	+0.42
Sennar Res.		—	—	17.21	—
Khartûm		—	—	16.23	+0.59
Kh. el Girba		—	—	12.60	-0.07
'Atbara		15.88	+0.92	16.02	+1.03
Kajnarti		—	—	143.92	+2.28
Aswân Res.		116.10	—	115.88	—
Aswân D.S		93.60	+1.49	93.60	+1.48
Roda (Cairo)		20.34	+1.67	20.34	+1.67

Printed by the Survey of Egypt, 1945. (45/306)

At 8h. on Thursday 12th — الساعة ٨ يوم الخميس ١٢

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C	Max Diff. from norm. °C	Minimum Today °C	Min Diff from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms.	Norm from Oct. 1 mms.
MEDITERRANEAN																		
SALÛM												—		—				100
MATRÛH	00	9	26	3	0	0	—	11.1	-2.4	26.7	29	+1	—	—	79	0	101	161
MARIUT	01	7	26	2	1	4	6	11	—	28	31	—	22	—	70	0	187	138
ALEXANDRIA	02	9	32	2	1	5	4	10.6	-2.7	27.0	32	+2	25	+2	69	0	170	186
DAMIETTA	00	7	20	2	1	2	8	9.6	-2.6	27.0	30	—	22	—	83	0	81	106
PORT SA'ÎD	01	8	28	2	1	4	6	10.2	-1.5	28.3	33	+2	25	+2	79	0	71	81
EL 'ARÎSH	01	9	20	1	1	5	1	9.6	-2.8	28.2	33	+3	24	+4	77	0	—	94
LOWER EGYPT																		
DAMANHÛR	00	6	24	3	0	0	—	10.2	-2.9	25.3	33	+1	21	+2	91	0	92	101
MANSÛRA	08	4	30	2	4	4	0	10.6	-2.1	24.5	36	+3	21	+2	92	0	66	55
TANTA	01	8	28	1	1	4	8	10.8	-2.3	25.8	34	+1	20	+2	88	0	107	44
ZAGAZIG	04	6	24	2	4	0	—	10.6	-2.6	23.9	35	+2	21	+3	100	0	24	27
SHEBÎN EL KÔM	01	8	30	2	4	5	5	10.2	-2.8	25.8	36	—	21	—	82	0	36	
MIDDLE EGYPT																		
CAIRO ALMAZA	05	6	30	1	2	7	6	10.7	-2.1	25.0	35	—	21	—	84	0	10	—
CAIRO EZBEKÎYA	05	6	00	0	2	5	8	11.4	-1.4	25.6	35	+2	22	+2	80	0	22	26
CAIRO GÎZA	00	7	32	1	2	3	8	11.5	-1.9	25.0	39	+2	19	+1	83	0	41	27
HELWÂN	09	5	00	0	0	3		10.8	-1.7	24.0	35	+2	21	+1	83	0	20	29
SUEZ	00	9	02	1	0	0	—	11.1	-0.6	27.2	37	+3	24	+2	73	0	—	17
UPPER EGYPT																		
FAIYÛM	00	8	00	0	6	0	—	10.6	-2.0	26.3	37	+3	21	+2	69	0	13	8
MINYA	00	9	32	1	0	0	—	10.8	-1.1	27.0	36	+3	20	0	68	0	dr	—
ASYÛT	00	7	22	1	0	0	—	10.6	-1.0	28.8	37	+3	23	+2	53	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	10.0	-0.3	30.3	37	—	21	—	51	0	1	—
QENA	00	8	24	1	0	0	—	9.0	-0.9	30.0	42	+4	25	+3	49	0	13	—
LUXOR	00	7	28	2	0	0	—	9.2	-0.8	32.0	41	+1	25	+3	33	0	0	—
ASWÂN	00	9	32	1	0	0	—	8.6	-0.9	29.8	41	+1	26	+2	31	0	dr	
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	12.3	-2.5	28.5	40	+4	19	+1	55	0	5	8
BAHARÎYA																	0	7
KHÂRGA	00	9	28	1	0	0	—	10.6	-0.6	26.7	39	+2	22	+1	46	0	1	—
DÂKHLA	00	8	28	1	0	0	—	11.6	-0.7	29.5	39	+2	24	+3	30	0	0	—
RED SEA																		
TÔR	00	6	00	0	0	0	—	6.3	-2.8	29.3	37	+5	—	—	68	0	0	13
HURGHÂDA	00	8	30	2	0	0	—	—	—	30.4	36	+3	24	+1	48	0	1	3
QUSEIR	00	8	30	2	0	0	—	7.1	-1.9	31.2	36	+3	27	+1	47	0	11	4
PORT SÛDÂN	01	8	30	1	1	5	4,2	8		30					43	0	73	106
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	2	0	1	2	9		31					43	0	Tr	—
KAREIMA	01	8	20	2	1	5	4,2	8		32					50	0	25	26
'ATBARA	02	8	22	3	1	8	2	7		32					43	0	94	67
KHARTÛM	01	8	32	2	1	4		9		28					55	0	187	153
KASSALA	02	8	14	2	1	5	4,5	12		26					79	2	385	295
CENTRAL SÛDÂN																		
WAD MEDANI	02	9	16	3	1	7	4	10		24					84	27	429	365
RENK													—	—		—	—	467
ROSEIRES	01	8	16	1	0	5	4	14.9		24					89	28	736	739
EL OBEID																0	573	328
EL FÂSHER	02	9	28	1	1	7	4,5	—	—	22					83	1	255	302
GENEINA	02	8	00	0	2	8	2	—	—	21			—	—	94	0	=	539
KADUGLI	02	8	12	3	1	6	4	12		23			—	—	84	—	=	664
S. SÛDÂN																		
MALAKÂL	02	8	02	1	1	5	6	11		25					84	0	935	755
WÂU	02	8	00	0	1	6	4,1	10		24					84	0	1061	1006
JUBA	21	8	00	0	5	8	6	13		22					94	1	1137	899

UPPER WINDS ON 12th — الرياح العليا يوم ١٢

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT 7h. m.	LUXOR 6h. m.	ASWÂN 7h. m.	WÂDI HALFA 7h. m.	ABU HAMAD 7h. m.	KAREIMA 7h. 15m.	KHARTÛM h. m.
					02 02 10	03 22 15	02 36 10	09 12 45	09 04 45	09 22 15	
					05 02 30	06 01 20	05 36 30	15 35 30	15 04 40	15 12 10	
					10 36 35	09 01 25	10 01 25	21 33 40			
					15 36 40	15 35 20	15 34 20				
						18 33 20	20 34 20				
						21 34 25	25 31 15				
						27 28 20	30 25 40				
							35 33 50				

KASSALA 6h. 45m.	PORT SÛDÂN 7h. m.	EL OBEID h. m.	EL FÂSHER 7h. m.	GENEINA 7h. 15m.	MALAKAL h. m.
09 20 20	09 03 15		09 28 15	09 14 05	
15 10 05	15 06 15		15 20 15	15 14 05	
21 08 15	21 05 15		21 11 10	21 04 15	
27 07 20	27 07 15		27 04 15	27 06 40	
33 07 15	33 11 10		30 05 20	33 05 35	
39 07 20	39 11 10				

UPPER AIR TEMP. ALMÂZA AT 7h G.M.T. ON 12th

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	1000	76	72
500	982	75	71
1000	964	76	67
1500	947	81	58
2000	930	80	58
4000	864	72	53
6000	801	65	48
8000	743	55	41
10000	683	45	36
12000	636	33	28
14000	588	31	22
16000	542	25	20

CYPRUS SYNOPTIC 8h. ON 12th

34710 01961 08103 07291 90106 00190.
34803 00891 24341 07252 20202 00210.

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

ANNUAL SUBSCRIPTION P.T. 150

Sunset 18 04 — Month SEPTEMBER, 1946 — DAILY WEATHER REPORT — ١٩٤٦ شهر سبتمبر

At 14h. on Thursday 12th — الساعة ١٤ يوم الخميس ١٢

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (ppp)	°C Temp. (TTT)	% Humidity (UU)	Rain 8-14 h. mms	Station Number
Mediterranean												
SALÛM												130
MATRÛH	00	9	28	3	0	0	—	11.4	28.6	77	0	131
MARIUT	00	7	28	3	1	2	6	10	31	62	0	150
ALEXANDRIA	01	9	02	3	2	4	4	10.7	29.6	61	0	132
DAMIETTA	00	8	28	3	1	0	—	9.6	28.9	71	0	159
PORT SA'ÎD	00	8	30	2	0	0	—	10.6	31.8	65	0	134
EL 'ARÎSH	00	9	30	4	0	0	—	9.6	30.1	63	0	135
Lower Egypt												
DAMANHÛR	00	7	28	4	0	0	—	10.2	32.3	54	0	136
MANŞÛRA	01	8	30	2	1	3	8	10.0	33.2	54	0	137
ṬANTA	00	8	24	2	1	0		10.4	33.8	53	0	138
ZAGAZIG	00	6	32	2	0	0	—	9.4	32.9	53	0	139
SHEBÎN EL KÔM	00	8	02	3	0	0	—	9.0	34.6	37	0	—
Middle Egypt												
CAIRO ALMÁZA	00	8	28	3	0	0	—	10.3	34.2	30	0	141
CAIRO EZBEKÎYA	00	8	30	3	0	0	—	10.3	33.8	33	0	—
CAIRO GÎZA	00	8	04	1	0	0	—	10.4	34.1	46	0	—
ḤELWÂN	00	8	28	3	0	0	—	9.5	34.4	20	0	143
SUEZ	00	9	30	2	0	0	—	9.9	35.9	27	0	144
Upper Egypt												
FAIYÛM	00	8	00	0	0	1	8	9.5	35.0	28	0	153
MINYA	01	8	02	2	0	3	4	10.2	35.0	37	0	154
ASYÛṬ	00	8	28	1	0	0	—	9.1	36.0	27	0	155
NAG' ḤAMÂDI	00	8	24	1	0	0	—	7.6	37.0	26	0	164
QENA	00	9	24	1	0	0	—	6.7	39.4	28	0	156
LUXOR	00	7	30	2	0	0	—	7.5	40.0	25	0	157
ASWÂN	00	9	30	2	0	0	—	6.6	40.0	12	0	158
Western Desert												
SÎWA	00	8	28	3	0	0	—	11.5	38.0	44	0	148
BAḤARÎYA	00	9	32	1	0	0	—	11.1	36.0	33	0	149
KHÂRGA	00	9	32	3	0	0	—	9.5	38.9	14	0	151
DAKHLA	00	9	28	1	0	0	—	8.6	37.8	24	0	152
Red Sea												
ṬÛR	00	7	28	4	0	0	—	8.3	32.8	57	0	145
HURGHÂDA	00	8	02	3	0	0	—	—	33.2	43	0	146
QUSEIR	00	8	02	2	0	0	—	7.4	34.2	50	0	147
PORT SÛDÂN	02	8	06	4	1	5	2	—	—	—		169
North Sûdân												
WÂDI ḤALFA												165
KAREIMA	01	8	16	1	1	4	2	—	—	—		166
'ATBARA	02	8	16	3	1	8	2	4	38	31		167
KHARTÛM	02	8	20	3	1	5	1	6	36	31		168
KASSALA	02	8	24	2	1	6	8,2	5	35	44		170
Central Sûdân												
WAD MEDANI	02	8	00	0	1	7	1	6	31	59		171
RENK	01	9	18	3	1	5	8		33	—		182
ROSEIRES	01	8	18	1	0	3	8	9	32	52		172
EL OBEID												174
EL FÂSHER	02	8	00	0	1	7	4,5	—	32	43		175
GENEINA	01	8	26	1	1	5	8,4	—	29	59		179
KADUGLI	02	8	20	3	1	5	9	8	31	55		187
S. Sûdân												
MALAKÂL	10	8	32	1	1	6	9,4	7	32	55		176
WÂU	02	8	26	1	1	7	8,2	6	31	55		177
JUBA	02	8	04	2	1	6	6,4	9	24	74		178

At 20h. on — الساعة ٢٠ يوم

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (ppp)	°C Temp. (TTT)	% Humidity (UU)	Rain 14-20 h. mms
SALÛM											
MATRÛH	00	8	28	3	0	0	—	11.5	26.4	77	0
MARIUT	00	7	28	3	1	2	6	11	26	84	0
ALEXANDRIA	01	6	30	1	2	3	8	11.5	26.0	84	0
DAMIETTA	01	7	28	2	1	3	8	10.2	26.5	77	0
PORT SA'ÎD	00	8	28	2	0	2	6	10.6	25.9	78	0
EL 'ARÎSH	00	9	32	1	0	0	—	8.8	26.6	80	0
DAMANHÛR	00	6	28	3	0	0	—	10.6	25.8	85	0
MANŞÛRA	00	6	32	1	1	0	—	10.6	26.8	78	0
ṬANTA	00	8	28	1	0	0	—	11.0	25.7	79	0
ZAGAZIG	00	6	24	2	0	0	—	10.2	28.0	71	0
SHEBÎN EL KÔM	00	7	30	2	0	0	—	9.9	25.8	73	0
CAIRO ALMÁZA	00	7	00	0	0	0	—	10.4	29.7	46	0
CAIRO EZBEKÎYA	00	7	32	2	0	0	—	10.7	30.2	49	0
CAIRO GÎZA	00	8	32	1	0	0	—	11.4	27.9	57	0
ḤELWÂN	00	7	32	2	0	0	—	10.7	30.1	43	0
SUEZ	00	9	30	2	0	0	—	10.2	30.2	50	0
FAIYÛM	00	8	32	1	0	0	—	9.6	27.0	61	0
MINYA	00	8	00	0	1	0	—	10.0	29.8	47	0
ASYÛṬ	00	6	22	1	0	0	—	9.8	30.0	33	0
NAG' ḤAMÂDI	00	8	32	1	0	0	—	8.7	30.4	42	0
QENA	00	6	24	1	0	0	—	8.0	35.4	20	0
LUXOR	00	6	28	2	0	0	—	8.2	33.7	23	0
ASWÂN	00	9	00	0	0	0	—	7.5	36.0	16	0
SÎWA	00		00	0	0	0	—	11.6	32.0	50	0
BAḤARÎYA											
KHÂRGA	00	—	32	1	0	0	—	9.8	34.0	20	0
DAKHLA	00	7	28	2	0	0	—	10.6	29.0	31	0
ṬÛR	00	7	28	4	0	0	—	6.3	30.9	39	0
HURGHÂDA	00	8	26	2	0	0	—	—	28.6	36	0
QUSEIR	00	9	22	1	0	0	—	7.4	30.0	67	0
PORT SÛDÂN											
WÂDI ḤALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 12th — الرياح العليا يوم ١٢

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÁZA	MINYA	LUXOR	HURGHÂDA	WÂDI ḤALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
13 h.15 m.	12 h.45 m.	12 h.30 m.	h. m.	12 h.30 m.	12 h.30 m.	h. m.	h. m.	12 h.45 m.	13 h. m.	h. m.	h. m.	13 h.15 m.	13 h. m.
03 33 40	03 30 15	03 32 15		03 33 20	03 35 15			09 36 05	09 21 25			09 23 05	09 09 10
06 29 30	06 28 20	06 28 30		06 29 10	06 30 15				15 11 20			15 22 10	15 09 30
09 27 35	09 27 35	09 28 30		09 32 35	09 33 20				21 04 20			21 20 20	
15 27 35	12 28 40	15 29 35		12 32 35	15 34 30				24 06 20			27 29 15	
21 26 45	15 29 40	18 28 35		15 33 30	21 36 30				30 08 30			33 17 15	
	18 29 35	21 27 25		18 33 20	27 36 30				39 08 45				
	21 29 25	27 26 20		21 30 30	30 01 30								
	30 30 30	30 27 20		27 30 15									
	33 29 30	33 26 10		30 26 15									

At 8h. on FRIDAY 13th — الساعة ٨ يوم الجمعة ١٣

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (N)	Cloud Form (C)	Bar Pressure M.S.L. 1000+ mbs. (ppp)	Diff. from normal mbs.	Temperature Dry Bulb °C (TTT)	Maximum Yesterday °C (MM)	Maximum Diff. from norm °C	Minimum Today °C (mm)	Minimum Diff. from norm °C	% Humidity (UU)	Rainfall Past 24 hrs. mms	Total From Oct. 1 mms	Norm From Oct. 1 mms
Mediterranean																		
SALÛM												—		—				100
MATRÛH	00	9	26	3	0	0	—			26.6	29	+1	—	—	68	0	101	161
MARIUT	01	7	00	0	0	3	6	11	—	29	31	—	23	—	70	0	187	138
ALEXANDRIA	01	9	00	0	2	4	4	11.9	−1.5	27.4	31	+1	25	+2	68	0	170	186
DAMIETTA	01	7	24	1	1	4	8	11.0	−1.5	28.2	31	—	22	—	72	0	81	106
PORT SA'ÎD	02	8	28	2	2	6	8	11.2	−0.6	27.3	33	+2	25	+2	76	0	71	81
EL 'ARÎSH	00	9	00	0	0	0	—	10.7	−1.8	29.2	31	+1	22	+2	70	0	—	94
Lower Egypt																		
DAMANHÛR	00	6	28	3	0	0	—	10.7	−2.5	26.8	33	+1	21	+2	87	0	92	141
MANŞÛRA	00	8	02	1	0	0	—	11.4	−1.4	27.2	35	+2	22	+3	75	0	66	55
ṬANṬA	00	8	00	0	0	3	8	11.9	−1.3	27.3	34	+1	20	+2	81	0	107	44
ZAGAZIG	01	6	24	2	1	5	8	10.8	−2.5	28.4	34	+1	21	+3	68	0	24	27
SHEBÎN EL KÔM	01	8	30	2	1	4	8	10.8	−2.4	28.3	37	—	21	—	73	0	36	—
Middle Egypt																		
CAIRO ALMAZA	05	6	02	1	0	1	8	10.6	−2.4	25.7	36	—	22	—	79	0	10	—
CAIRO EZBEKÎYA	09	4	28	2	2	7	6	11.6	−1.4	25.7	35	+2	23	+3	82	0	22	26
CAIRO GÎZA	02	7	02	2	2	6	6	12.2	−0.8	26.7	35	+3	20	+2	78	0	41	27
ḤELWÂN	09	6	30	2	0	0	—	11.1	−1.6	24.7	35	+2	22	+2	83	0	20	29
SUEZ	00	9	00	0	0	0	—	11.1	−0.7	29.1	39	+5	24	+2	65	0	—	17
Upper Egypt																		
FAIYÛM	00	9	32	2	0	0	—	11.5	−1.3	30.4	37	+3	21	+2	70	0	13	8
MINYA	00	9	24	1	0	0	—	11.0	−1.1	31.6	37	+4	21	+1	35	0	dr	—
ASYÛṬ	00	7	22	1	0	0	—	10.8	−0.9	30.2	37	+3	22	+1	41	0	0	4
NAG' ḤAMÂDI	00	8	00	0	0	0	—	10.2	−0.2	29.4	37	—	19	—	52	0	1	—
QENA	00	8	24	1	0	0	—	9.9	−0.1	32.8	41	+3	23	+1	42	0	13	—
LUXOR	00	7	28	2	0	0	—	10.8	+0.7	30.6	41	+7	22	0	38	0	0	—
ASWÂN	00	9	02	2	0	0	—	9.8	+0.2	31.8	40	+1	27	+3	22	0	dr	—
Western Desert																		
SÎWA	00	7	00	0	0	0	—	13.6	−1.3	25.0	39	+3	21	+3	76	0	5	8
BAḤARÎYA																	0	7
KHÂRGA	00	9	00	0	0	0	—	9.8	−1.5	25.4	39	+2	21	0	38	0	1	—
DÂKHLA	00	8	28	1	0	0	—	11.8	−0.4	25.8	38	+1	21	0	31	0	0	—
Red Sea																		
ṬÛR	00	7	28	4	0	0	—	10.0	+0.8	27.9	38	+6	—	—	80	0	0	13
HURGHÂDA	00	8	28	2	0	0	—	—	—	31.7	35	+2	27	+4	33	0	1	3
QUSEIR	00	8	30	1	0	0	—	8.3	−0.9	30.5	35	+2	26	0	34	0	11	4
PORT SÛDÂN	01	8	30	2	1	4	4,8	8		34					29	0	73	106
North Sûdân																		
WÂDI ḤALFA	01	8	02	2	0	3	1	9		29					48	0	15	—
KAREIMA	01	8	18	1	1	4	2	8		32					31	0	25	26
'ATBARA	02	8	20	3	1	8	2	7		32					43	0	94	67
KHARTÛM																0	187	184
KASSALA	01	8	16	3	1	4	4,1	9		29					52	0	265	297
Central Sûdân																		
WAD MEDANI	01	9	18	4	1	4	3	10		24					74	0	429	368
RENK												—		—		—	—	470
ROSEIRES																0	736	747
EL OBEID	02	9	14	3	1	6	4,2	12		23					69	0	573	331
EL FÂSHER	02	9	12	1	1	7	4,5	—	—	25					84	0	255	302
GENEINA	01	8	00	0	1	5		—	—	21		—		—	95	0	—	541
KADUGLI												—		—		—	—	669
S. Sûdân																		
MALAKÂL																7	942	760
WÂU																11	1072	1012
JUBA																19	1156	903

UPPER WINDS ON 13th — الرياح العليا يوم ١٣

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛṬ	LUXOR	ASWÂN	WÂDI ḤALFA	ABU HAMAD	KAREIMA	KHARTÛM
7 h.15 m.	7 h.15 m.	6 h.30 m.	h. m.	6 h.30 m.	h. m.	6 h. m.	h. m.	7 h.15 m.	7 h. m.	7 h. m.	7 h. m.
03 27 30	03 17 20	03 29 10		03 10 15		03 34 15		09 03 60	09 03 30	09 04 40	09 21 50
06 29 25	06 14 05	06 32 10		06 05 10		06 01 30		15 25 35	15 04 20	15 05 30	15 29 25
09 29 25		09 33 20		09 33 10		09 36 40		21 34 20	21 04 15	21 07 30	21 03 25
15 27 40		12 31 25		12 30 20		15 36 10			27 07 15	27 10 15	24 04 30
21 27 60		15 31 25		15 30 10		21 20 15			39 15 05	33 12 15	
		21 29 25		21 32 15		27 23 20				39 13 10	
		27 30 20		27 30 20		30 23 15					
		30 29 10		30 30 25		39 09 05					
				33 32 15							

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	h. m.
09 16 30	09 01 25	09 22 40	09 00 02	09 26 05	
15 21 15	15 03 30	15 24 25	15 25 05	15 09 05	
21 05 20	21 05 20	21 18 20	21 18 15	21 07 35	
27 01 30	27 05 20		27 15 15	27 10 50	
	33 05 20		33 29 30	39 11 35	
	39 36 10				

CYPRUS SYNOPTIC 8h. ON 13th

34710 01802 10102 09282 10406 00220.
34803 01894 24214 09251 60803 00190.

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	13-9	10732	7069
	12-9	10760	6938

STATION	Mean of day Humidity % on 12th	Humidity Diff from normal	Wet Bulb Temp °C on 12th	Wet Bulb Temp Diff from normal
Alexandria	74	+6	23.7	+1.7
Ezbekiya	58	−6	22.6	+1.0
Giza	65	−2	23.3	+2.1
Helwân	59	+5	21.0	+1.2

GÎZA — GRASS MINIMUM TEMP. ON 13th 17.0°C

CAIRO — WATER TEMP. RIVER NILE ON 13th AT 9h. 28.5°C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	13-7-1946	—	—	13.80	−0.02
Nâsser		—	—	10.69	+0.45
Malakâl		12.71	+0.64	12.70	+0.63
J. Aulia Res.		377.08	—	377.00	—
J. Aulia D.S		375.81	+0.45	375.92	+0.56
Roseires		19.30	+0.73	19.46	+0.86
Sennar Res.		17.21	—	17.20	—
Khartûm		16.04	+0.43	16.16	+0.53
Kh. el Girba				13.80	+0.18
Atbara		15.74	+0.81	15.88	+0.92
Kajnarti		143.32	+2.25	143.86	+2.26
Aswân Res.		116.30	—	116.10	—
Aswân D.S		93.60	+1.51	93.60	+1.49
Roda (Cairo)		20.32	+1.65	20.34	+1.67

UPPER AIR TEMP. ALMÁZA AT 7h G.M.T. ON 13th

HEIGHT feet	P.P.P. m.b.	T.T. °F	T.T. °C
Surface	1002	75	71
500	984	74	69
1000	968	78	64
1500	949	80	59
2000	932	80	57
4000	865	73	51
6000	803	63	46
8000	744	52	41
10000	689	44	31
12000	637	40	25
14000	589	35	26
16000	543	25	18

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

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ANNUAL SUBSCRIPTION P.T. 150

DAILY WEATHER REPORT

Time of Sunrise 05 h. 38 m.
Sunset 18 03

Month SEPTEMBER 1946 — شهر سبتمبر ١٩٤٦

At 14 h. on FRIDAY 13th — الساعة ١٤ يوم ١٣

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 8-14 h. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	01	9	30	3	0	4	8	11.5	28.2	60	0
MARIUT	00	7	26	2	0	0	—	11	30	62	0
ALEXANDRIA	01	9	02	2	2	3	8	11.5	30.2	54	0
DAMIETTA	00	8	28	2	1	0	—	10.2	29.8	59	0
PORT SA'ÎD	00	8	28	2	1	0	—	10.8	32.0	59	0
EL 'ARÎSH	00	9	28	3	0	0	—	10.3	29.8	62	0
LOWER EGYPT											
DAMANHÛR	01	7	28	3	1	3	8	10.4	31.2	54	0
MANSÛRA	01	8	02	2	1	3	8	10.4	33.2	44	0
TANTA	01	8	00	0	1	4	8	10.7	34.0	49	0
ZAGAZIG	00	6	32	2	1	0	—	10.2	33.0	50	0
SHEBÎN EL KÔM	00	8	28	3	0	0	—	10.2	33.6	48	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	8	32	1	0	2	8	10.2	33.2	46	0
CAIRO EZBEKÎYA	00	8	30	1	0	0	—	10.3	32.9	43	0
CAIRO GÎZA	00	8	02	1	0	0	—	10.4	33.0	50	0
HELWÂN	00	7	28	3	0	1	8	10.6	33.0	40	0
SUEZ	00	9	02	2	0	0	—	9.5	34.9	30	0
UPPER EGYPT											
FAIYÛM	00	8	02	1	0	0	—	9.9	34.0	31	0
MINYA	00	9	16	2	0	0	—	10.0	37.0	26	0
ASYÛT	00	8	22	1	0	0	—	9.0	37.5	18	0
NAG' HAMÂDI	00	8	32	1	0	0	—	8.4	37.3	26	0
QENA	00	9	22	2	0	0	—	8.6	39.0	29	0
LUXOR											
ASWÂN	00	9	00	0	0	0	—	7.1	40.8	11	0
WESTERN DESERT											
SÎWA	00	8	28	4	0	0	—	13.2	33.3	60	0
BAHARÎYA	00	9	32	1	0	0	—	12.6	35.5	35	0
KHÂRGA	00	9	32	2	0	0	—	8.6	38.3	13	0
DAKHLA	00	9	28	1	0	0	—	8.3	37.5	24	0
RED SEA											
TÔR	00	7	28	4	0	0	—	8.8	31.5	65	0
HURGHÂDA	00	8	02	3	0	0	—	—	34.2	32	0
QUSEIR	00	8	32	2	0	0	—	8.2	32.2	50	0
PORT SÛDÂN	00	8	06	3	1	1	8	6	36	50	0
NORTH SÛDÂN											
WÂDI HALFA	01	8	02	*	0	3	2	6	41	25	
KAREIMA	01	8	00	0	1	5	8,2	5	40	28	
'ATBARA	02	8	16	3	1	8	8,4,2	3	40	28	
KHARTÛM	02	8	20	3	1	5	9,4,1	5	37	33	
KASSALA	02	8	24	2	1	5	8	5	36	40	
CENTRAL SÛDÂN											
WAD MEDANI	00	8	24	1	1	2	8	6	34	41	
RENK	01	9	19	3	1	4	3	—	33	56	
ROSEIRES	00	8	26	2	3	1		—	32	55	
EL OBEID	02	9	20	1	1	6	8,2	7	29	66	
EL FÂSHER											
GENEINA											
KADUGLI	02	8	20	3	1	5	4	—	28	66	
S. SÛDÂN											
MALAKÂL	02	8	18	1	1	6	9,4	8	30	66	
WÂU	21	8	20	2	6	8	5	9	23	84	
JUBA	02	8	00	0	6	6	6,5	9	27	79	

At 20 h. on الجمعة ١٣ — الساعة ٢٠ يوم

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 14-20 h. mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	01	8	32	2	1	4	8	12.3	26.2	67	0	131
MARIUT	00	7	32	1	0	3	8	12	26	74	0	150
ALEXANDRIA	00	6	00	0	0	0	—	12.2	27.0	63	0	132
DAMIETTA	00	6	28	1	0	0	—	11.6	26.2	84	0	159
PORT SA'ÎD	00	8	02	1	0	0	—	10.8	26.8	83	0	134
EL 'ARÎSH	01	9	32	3	0	4		11.1	27.1	75	0	135
LOWER EGYPT												
DAMANHÛR	00	7	28	2	0	0	—	10.7	26.0	75	0	136
MANSÛRA	00	6	02	2	1	0	—	11.1	26.6	65	0	137
TANTA	01	8	00	0	1	3	8	11.9	26.4	76	0	138
ZAGAZIG	00	6	24	2	0	0	—	10.3	29.0	60	0	139
SHEBÎN EL KÔM	00	7	30	2	0	0	—	10.8	26.0	75	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	00	7	04	2	0	0	—	10.2	30.3	47	0	141
CAIRO EZBEKÎYA	00	7	02	2	0	0	—	10.7	29.3	53	0	—
CAIRO GÎZA	00	8	02	3	0	0	—	10.8	28.8	59	0	—
HELWÂN	00	7	32	3	0	0	—	10.0	30.0	43	0	143
SUEZ	00	9	30	2	0	0	—	—	30.4	53	0	144
UPPER EGYPT												
FAIYÛM	00	8	00	0	0	0	—	9.4	28.8	55	0	153
MINYA	00	9	00	0	0	0	—	9.2	31.3	36	0	154
ASYÛT	00	6	26	1	0	0	—	9.1	31.3	31	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	8.5	27.3	50	0	164
QENA	00	6	22	2	0	0	—	7.5	32.0	34	0	156
LUXOR	00	6	28	2	0	0	—	8.8	30.6	33	0	157
ASWÂN	00	9	32	1	0	0	—	7.0	37.0	14	0	158
WESTERN DESERT												
SÎWA	00	—	00	0	0	0	—	12.8	30.0	53	0	148
BAHARÎYA	00	—	00	0	0	0	—	12.3	27.0	56	0	149
KHÂRGA	00	9	32	1	0	0	—	9.6	33.2	22	0	151
DAKHLA	00	7	28	2	0	0	—	12.2	26.0	32	0	152
RED SEA												
TÔR	00	7	28	4	0	0	—	7.1	34.9	56	0	145
HURGHÂDA	00	8	28	3	0	0	—	—	28.6	32	0	146
QUSEIR	00	8	28	1	0	0	—	7.9	30.2	40	0	147
PORT SÛDÂN												169
NORTH SÛDÂN												
WÂDI HALFA												165
KAREIMA												166
'ATBARA												167
KHARTÛM												168
KASSALA												170
CENTRAL SÛDÂN												
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FÂSHER												175
GENEINA												179
KADUGLI												187
S. SÛDÂN												
MALAKÂL												176
WÂU												177
JUBA												178

UPPER WINDS ON 13th — الرياح العليا يوم ١٣

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH 13 h. 15 m.	MARIUT 14 h. 30 m.	PORT SA'ID 12 h. 30 m.	ALMÂZA h. m.	MINYA 12 h. 45 m.	LUXOR 12 h. 30 m.	HURGHÂDA h. m.	WÂDI HALFA 12 h. 45 m.	KAREIMA 12 h. 30 m.	KHARTÛM 13 h. m.	KASSALA h. m.	EL OBEID 13 h. m.	MALAKAL 13 h. m.	JUBA 12 h. m.
03 31 35	03 28 15	03 29 10		03 14 05	03 36 05		09 01 40	09 02 15	09 24 20		09 25 10	09 27 10	09 17 05
06 32 25	06 29 30	06 31 10		06 22 05	06 28 15		15 35 30	15 02 20	15 30 10		15 24 05	15 20 05	15 28 05
09 31 35	09 23 40	09 32 15		09 29 10	09 35 10		21 34 20	21 03 15	21 06 15			21 25 15	
15 27 30		15 26 20		12 30 20	15 33 20		27 34 25	27 03 15	24 07 05			27 25 15	
21 29 20		21 25 20		15 30 20	21 25 15		33 24 15	33 02 15				33 29 15	
27 31 20		30 29 30		21 30 30	27 25 20		39 24 15	39 07 10				39 30 15	
				27 34 20	30 03 35								
				30 32 05									

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day HUMIDITY % 13th	Diff from normal	WET BULB TEMP °C 13th	Diff from normal
Alexandria	63	−4	22.9	+1.0
Ezbeklya	62	−2	23.2	+1.7
Giza	64	−3	23.9	+2.8
Helwân	59	+5	22.4	+2.7

GÎZA — GRASS MINIMUM TEMP. ON 14th 18.7°c

CAIRO — WATER TEMP. AT 9h. RIVER MILE ON 14th 28.4°c

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	14-9	10708	7285
	13-9	10732	7069

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	14-9-46	—	—	—	—
Nâsser		—	—	—	—
Malakâl		—	—	12.71	+0.64
J. Aulia Res.		—	—	377.08	—
J. Aulia D.S		—	—	275.81	+0.45
Roseires		20.30	+1.76	19.30	+0.73
Sennar Res.		—	—	17.21	—
Khartûm		—	—	16.04	+0.43
Kh. el Girba		—	—	—	—
'Atbara		15.68	+0.78	15.74	+0.61
Kajnarti		143.80	+2.26	143.82	+2.25
Aswân Res.		116.50	—	116.30	—
Aswân D.S		93.60	+1.53	93.60	+1.51
Roda (Cairo)		20.32	+1.66	20.32	+1.65

Printed by the Survey of Egypt, 1945 (45/306)

At 8 h. on SATURDAY 14th — السبت ١٤ — الساعة ٨ يوم

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm. °C	Minimum Today °C mm	Minimum Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	Total From Oct. 1 mms	Norm. From Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				100
MATRÛH	01	9	26	2	1	4	8	13.1	−0.7	26.6	29	+1	—	—	76	0	101	161
MARIUT	01	7	28	1	0	3	8	12	—	28	31	—	23	—	70	0	187	138
ALEXANDRIA	02	9	28	1	2	5	8	12.3	−1.2	28.6	31	+1	25	+2	63	0	170	186
DAMIETTA	00	8	20	2	1	2	8	11.4	−1.3	27.3	33	—	23	—	69	0	81	106
PORT SA'ÎD	02	6	30	1	2	6	8	11.4	−0.5	27.3	33	+2	25	+2	76	0	71	81
EL 'ARÎSH	00	9	16	1	0	0	—	11.2	−1.4	29.6	32	+2	20	0	67	0	—	94
LOWER EGYPT																		
DAMANHÛR	00	6	20	3	1	3	8	11.5	−1.8	26.0	32	0	22	+3	78	0	92	101
MANSÛRA	00	8	20	1	0	0	—	12.2	−0.8	27.8	35	+2	23	+4	63	0	66	55
TANTA	00	8	24	1	0	0	—	12.4	−0.9	26.8	34	+1	20	+2	76	0	107	44
ZAGAZIG	02	6	28	2	0	5	8	11.9	−1.5	26.4	33	0	22	+4	77	0	24	27
SHEBÎN EL KÔM	00	8	30	2	0	0	—	11.2	−2.1	29.3	35	—	21	—	65	0	36	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	6	30	1	0	0	—	10.9	−2.2	26.0	35	—	22	—	76	0	10	—
CAIRO EZBEKÎYA	00	6	02	1	0	0	—	12.3	−0.8	27.0	34	+1	22	+2	74	0	22	26
CAIRO GÎZA	00	7	00	0	0	0	—	12.3	−0.8	27.1	33	+1	21	+3	75	0	41	27
HELWÂN	00	6	00	0	0	0	—	11.9	−0.9	25.5	34	+2	22	+2	68	0	20	29
SUEZ	00	9	30	1	0	0	—	12.3	+0.4	28.8	36	+2	23	+2	59	0	—	17
UPPER EGYPT																		
FAIYÛM	00	8	32	3	0	0	—	11.5	−1.4	26.5	36	+2	22	+3	70	0	13	8
MINYA	00	9	04	2	0	0	—	11.4	−0.9	27.7	38	+5	23	+3	64	0	41	—
ASYÛT	00	7	26	1	0	0	—	11.2	−0.6	27.9	39	+5	22	+1	45	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	10.6	+0.1	28.9	38	—	18	—	46	0	1	—
QENA	00	8	24	1	0	0	—	10.7	+0.6	31.8	40	+2	22	0	52	0	13	—
LUXOR	00	7	28	1	0	0	—	10.3	+0.1	30.0	40	0	23	+1	41	0	0	—
ASWÂN	00	9	00	0	0	0	—	9.5	−0.2	32.3	41	+2	25	+1	25	0	41	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	14.3	−0.7	25.8	34	−1	19	+1	85	0	5	8
BAHARÎYA	00	9	00	0	0	0	—	11.2	−2.6	29.5	37	+3	21	+3	49	0	0	7
KHÂRGA	00	9	00	0	0	0	—	11.2	−0.2	26.2	39	+2	21	0	38	0	1	—
DAKHLA	00	8	28	2	0	0	—	11.9	−0.4	29.0	40	+3	25	+4	30	0	0	—
RED SEA																		
TÔR	00	7	28	3	0	0	—	8.7	−0.7	30.1	34?	+2	—	—	63	0	0	13
HURGHÂDA	00	8	30	3	0	0	—	—	—	29.4	35	+2	23	0	54	0	1	3
QUSEIR	00	8	30	2	0	0	—	8.4	−0.9	30.2	35	+2	26	0	44	0	11	4
PORT SÛDÂN	01	8	32	2	1	3	4,2	8		34					29	0	73	106
NORTH SÛDÂN																		
WÂDI HALFA	00	8	28	1	0	1	1	10		29					49	0	21	—
KAREIMA	00	8	06	1	0	3	8,4	9		33					41	0	25	26
'ATBARA	00	8	20	2	1	3	4,2	10		28					58	0	94	67
KHARTÛM	02	8	16	4	2	5	4,2	11		29					49	0	187	154
KASSALA	01	8	22	1	1	4	4,3	11		26					70	0	385	300
CENTRAL SÛDÂN																		
WAD MEDANI	22	9	18	5	6	8	9	11		22					83	28	457	371
RENK	01	8	04	3	2	6	5	—		22		—		—	83	—	—	473
ROSEIRES	02	7	17	1	2	6	7,5	—		22					94	6	742	755
EL OBEID	66	5	08	6	1	8	9	12		23					84	5	578	334
EL FÂSHER								—	—							—	255	303
GENEINA								—	—			—		—		—	—	542
KADUGLI	02	8	12	2	1	7	4	13		23		—		—	84	—	—	674
S. SÛDÂN																		
MALAKÂL	02	8	04	1	1	8	6,4	13		24					94	2	944	765
WÂU	02	8	00	0	1	5	6,4	12		22					94	13	1085	1018
JUBA	02	8	12	2	6	8	6,5	15		21					88	3	1159	906

UPPER WINDS ON 14th — الرياح العليا يوم ١٤

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	HELWÂN 8 h. 03 m.	MINYA h. m.	ASYÛT 7 h. m.	LUXOR h. m.	ASWÂN 7 h. m.	WÂDI HALFA h. m.	ABU HAMAD 7 h. m.	KAREIMA 7 h. m.	KHARTÛM h. m.
			02 33 15		02 33 05		02 02 05		09 35 20	09 03 15	
			05 03 15		05 28 05		05 02 15		15 02 30	15 04 15	
			08 05 15		10 11 05		10 05 15		21 03 25	21 06 10	
			10 03 10		15 29 05		15 35 05		27 02 20	33 10 05	
			15 31 15		20 26 15		20 28 15		33 03 15	39 13 05	
			20 24 25		25 26 20		25 25 15		39 05 10		
			23 24 30				30 20 30				

KASSALA 6 h. 30 m.	PORT SÛDÂN 7 h. m.	EL OBEID 7 h. m.	EL FÂSHER 7 h. 30 m.	GENEINA h. m.	MALAKAL 7 h. m.
09 33 05	09 02 30	09 15 35	09 02 30		09 21 05
15 30 15	15 03 30	15 11 20	15 02 20		15 13 05
21 31 15	18 07 30		21 34 05		21 17 15
27 02 10			27 23 30		27 20 20
33 05 20			33 26 50		30 20 30
39 08 25			39 23 35		

CYPRUS SYNOPTIC 8h. ON 14th

34700 00990 22400 10272 00004 00240
34850 00862 25202 10242 00301 00190

UPPER AIR TEMP. ALMÂZA AT 8 h. G.M.T. ON 14th

HEIGHT FEET	P.P.P m.b.	T.T °F	t.t °F
Surface	1002	75	72
500	984	74	71
1000	966	75	67
1500	949	75	62
2000	902	72	62
4000	865	66	56
6000	803	58	48
8000	744	51	37
10000	689	47	31
12000	637	42	29
14000	589	35	24
16000	543	29	21

ANNUAL SUBSCRIPTION P.T. 150

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

Sunset 18 01

Month SEPTEMBER 1946

DAILY WEATHER REPORT

شهر سبتمبر ١٩٤٦

At 14h. on SATURDAY 14th. (الساعة ١٤ يوم ١٤) — At 20h. on 14th. (الساعة ٢٠ يوم السبت ١٤)

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	32	3	1	3	8	12.8	28.3	70	0	00	8	32	2	0	0	—	13.5	26.2	82	0	131
MARIUT	01	7	30	3	1	4	8	12	30	62	0	00	7	32	1	1	3	6	13	26	74	0	150
ALEXANDRIA	01	9	26	2	2	4	8	12.3	30.4	56	0	01	6	06	1	2	4	4	13.2	26.4	66	0	132
DAMIETTA	01	8	28	3	1	3	8	10.7	29.7	60	0	00	7	28	1	1	0	—	11.6	26.0	78	0	159
PORT SA'ÎD	00	8	28	3	1	3	8	11.1	32.1	52	0	01	8	28	2	1	4	8	12.7	26.7	72	0	134
EL 'ARÎSH	00	9	32	3	0	0	—	11.0	29.5	67	0	00	9	32	2	0	0	—	11.5	27.1	73	0	135
LOWER EGYPT																							
DAMANHÛR	01	7	28	4	1	3	8	11.9	30.8	60	0	00	7	28	2	0	0	—	12.2	25.0	82	0	136
MANSÛRA	01	8	24	2	1	4	8	11.1	31.5	50	0	00	6	02	2	1	0	—	12.2	25.6	78	0	137
TANTA	01	8	28	1	1	4	8	11.8	32.0	51	0	01	8	24	1	1	4	8	13.2	25.4	80	0	138
ZAGAZIG	00	6	24	2	0	2	8	11.1	32.2	49	0	00	6	24	2	0	2	8	12.8	26.0	80	0	139
SHEBÎN EL KÔM	01	8	30	3	1	4	8	—	32.9	40	0	00	7	30	2	0	0	—	12.2	27.9	73	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	32	1	0	0	—	10.8	32.2	38	0	00	7	02	1	0	0	—	11.2	28.8	63	0	141
CAIRO EZBEKÎYA	00	8	02	3	0	0	—	11.4	32.8	44	0	00	7	02	4	0	0	—	12.3	28.5	62	0	—
CAIRO GÎZA	00	8	30	3	0	0	—	11.5	31.5	43	0	00	8	02	1	0	0	—	12.4	27.8	69	0	—
HELWÂN	00	7	00	0	0	0	—	10.8	32.0	33	0	00	6	32	3	0	0	—	11.5	28.5	61	0	143
SUEZ	00	9	30	2	0	0	—	10.2	34.4	31	0	00	9	30	2	0	0	—	11.1	30.3	52	0	144
UPPER EGYPT																							
FAIYÛM	01	8	32	3	1	3	8	10.2	33.2	34	0	00	8	02	1	0	0	—	11.0	28.1	57	0	153
MINYA	01	9	04	3	1	4	4	10.2	37.0	37	0	01	9	32	2	1	3	4	11.0	30.2	45	0	154
ASYÛT	00	8	22	1	0	0	—	9.1	37.1	27	0	00	6	26	1	0	0	—	10.2	31.3	36	0	155
NAG HAMÂDI	00	8	00	0	0	0	—	9.0	37.3	30	0	00	8	00	0	0	0	—	9.4	26.3	48	0	164
QENA	00	9	24	1	0	0	—	9.8	39.0	22	0	00	6	24	1	0	0	—	8.6	31.6	45	0	156
LUXOR												00	6	28	1	0	0	—	9.0	28.0	33	0	157
ASWÂN	00	9	32	1	0	0	—	6.7	39.7	12	0	00	9	00	0	0	0	—	8.7	36.0	13	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	—	14.0	32.8	53	0	00	—	00	0	0	0	—	13.2	28.6	63	0	148
BAHARÎYA	00	9	00	0	0	0	—	9.9	34.5	34	0	00	—	00	0	0	0	—	12.2	28.4	55	0	149
KHÂRGA	00	9	20	1	0	0	—	10.0	37.9	23	0	00	—	00	0	0	0	—	9.9	35.1	36	0	151
DAKHLA	00	9	28	1	0	0	—	9.4	37.8	24	0	00	7	28	3	0	0	—	—	28.0	32	0	152
RED SEA																							
TÔR	00	7	28	3	0	0	—	9.9	32.8	41	0	00	7	28	3	0	0	—	9.8	30.5	55	0	145
HURGHÂDA	00	8	02	3	0	0	—	—	33.2	43	0	00	8	20	1	0	0	—	—	28.9	39	0	146
QUSEIR	00	8	02	2	0	0	—	8.4	34.3	50	0	00	8	32	2	0	0	—	9.0	30.0	44	0	147
PORT SÛDÂN	00	8	04	3	1	1	4	5	37	42													288
NORTH SÛDÂN																							
WÂDI HALFA	01	8	02	3	0	4	4	7	40	24													165
KAREIMA	00	8	00	0	0	0	—	7	40	17													166
'ATBARA	01	8	16	2	1	4	4	5	39	26													167
KHARTÛM	01	8	20	3	2	4	8,4	6	37	20													289
KASSALA	01	8	18	2	1	4	4,3	7	33	41													170
CENTRAL SÛDÂN																							
WAD MEDANI	02	8	18	1	1	7	3	8	29	66													171
RENK	01	9	12	3	1	5	9	7	30	59													182
ROSEIRES	01	8	20	1	1	4	8	—	29	62													172
EL OBEID	01	9	00	0	1	5	4,2	8	28	58													174
EL FÂSHER	02	9	14	3	1	5	8,2	—	32	43													175
GENEINA	01	8	16	1	1	4	8,4	—	31	49													179
KADUGLI	02	8	12	3	1	6	9	10	29	59													187
S. SÛDÂN																							
MALAKÂL	02	8	14	2	1	5	9,4	10	29	70													176
WÂU	02	8	00	0	1	7	8,4	8	29	55													177
JUBA	81	8	04	3	5	6	4,5	10	27	66													178

UPPER WINDS ON 14th. (الرياح العليا يوم ١٤)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	12h.30m.	h. m.	h. m.	h. m.	h. m.	h. m.	13h. m.	12h.45m.	13h. m.	13h. m.	13h. m.	13h.15m.	13h. m.
	03 33 30						09 02 30	09 06 10	09 25 10	09 21 20	09 23 05	09 15 15	09 11 20
	06 34 25						15 01 15	15 12 10	15 24 25	15 21 15	15 12 15	15 13 15	15 13 15
	09 33 50						21 35 10	21 09 15	21 21 10	21 18 15	21 07 45	18 13 15	21 14 15
	12 32 20						27 24 30	27 03 15	24 19 10	27 21 05	27 07 55		27 19 10
							30 22 05	33 07 15	30 06 10	33 23 05	33 07 60		33 23 10
								39 21 25	36 07 25		39 07 45		39 23 15
													51 23 05
													63 31 25

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 14th.	Diff from normal	Wet bulb temp °C on 14th.	Diff from normal
Alexandria	42	-25	23.2	+1.3
Ezbekiya	62	- 2	23.5	+2.1
Giza	67	0	23.3	+2.2
Helwân	60	+6	21.8	+2.2

GÎZA — GRASS MINIMUM TEMP. ON 15th. 18.2 °C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON 15th. 28.3 °C

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	15th.	10702	7285
	14th.	10708	7285

GAUGE	Date (1946)	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	15th.				
Nâsser					
Malakâl					
J. Aulia Res.					
J. Aulia D.S					
Roseires		19.90	+1.39	20.30	+1.76
Sennar Res.				17.20	—
Khartûm				15.93	+0.34
Kh. el Girba				13.94	+0.43
'Atbara		15.62	+0.74	15.68	+0.78
Kajnarti		143.72	+2.22	143.80	+2.26
Aswân Res.		116.70	—	116.50	—
Aswân D.S		93.60	+1.55	93.60	+1.53
Roda (Cairo)		20.29	+1.63	20.32	+1.66

Printed by the Survey of Egypt, 1945.(45/306)

At 8h. on SUNDAY 15th. (الساعة ٨ يوم الأحد ١٥)

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff from norm. °C	% Humidity UU	Rainfall Past 24 hrs. mms	Total From Oct. 1 mms.	Norm From Oct 1 mms
MEDITERRANEAN																		
SALÛM												—		—				100
MATRÛH	01	9	24	1	0	4	8	14.0	+0.1	26.4	29	+1	—	—	77	0	101	161
MARIUT	01	7	30	1	1	4	8	13		27	30	—	24	—	70	0	187	138
ALEXANDRIA	02	9	08	1	2	5	4	12.8	-0.8	28.8	32	+2	25	+3	59	0	176	186
DAMIETTA	01	6	20	1	1	4	8	12.2	-0.6	27.1	32	—	22	—	76	0	81	106
PORT SA'ÎD	01	8	30	2	1	4	8	12.8	+0.8	28.2	33	+3	25	+2	70	0	71	81
EL 'ARÎSH	01	9	00	0	0	3	3	13.0	+0.2	30.1	31	+1	23	+3	59	0	—	94
LOWER EGYPT																		
DAMANHÛR	01	6	28	3	1	3	8	13.1	-0.3	25.8	31	-1	21	+2	78	0	92	101
MANSÛRA	00	8	12	1	0	0	—	13.6	+0.5	28.0	33	0	21	+2	69	0	66	55
TANTA	01	8	00	0	1	5	8	13.9	+0.4	24.3	33	0	19	+1	91	0	107	44
ZAGAZIG	00	6	24	2	0	0	—	13.9	+0.4	26.2	33	0	21	+3	78	0	24	27
SHEBÎN EL KÔM	00	8	02	1	0	0	—	12.8	-0.6	28.2	35	—	21	—	70	0	36	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	00	0	1	3	6	13.4	+0.2	25.5	33	—	22	—	76	0	10	—
CAIRO EZBEKÎYA	09	6	28	1	2	3	8	14.0	+0.8	26.9	34	+1	23	+3	69	0	22	26
CAIRO GÎZA	09	6	32	1	1	3	8	14.0	+0.8	25.5	33	+1	20	+2	80	0	41	27
HELWÂN	01	6	00	0	1	4	8	13.8	+0.9	25.3	33	+1	22	+2	75	0	20	29
SUEZ	00	9	30	1	0	0	—	—	—	29.1	36	+2	25	+4	71	0	—	17
UPPER EGYPT																		
FAIYÛM	01	8	02	2	1	3	8	13.4	+0.3	25.5	35	+1	22	+3	75	0	13	8
MINYA	00	9	32	2	0	0	—	13.0	+0.6	25.8	37	+4	22	+2	79	0	dr.	—
ASYÛT	00	7	22	1	0	0	—	12.4	+0.4	28.0	39	+5	22	+1	58	0	0	4
NAG HAMÂDI	00	8	00	0	0	0	—	11.8	+1.2	28.3	39	—	19	—	56	0	1	—
QENA	00	8	04	1	0	0	—	11.4	+1.2	29.4	40	+2	24	+2	50	0	13	—
LUXOR	00	7	28	2	0	0	—	10.6	+0.3	30.4	40	±0	22	±1	40	0	0	—
ASWÂN	00	9	02	1	0	0	—	10.8	+1.0	29.8	41	+2	25	+1	27	0	dr.	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	14.6	-0.5	27.3	35	0	20	+2	71	0	5	8
BAHARÎYA	00	9	00	0	0	0	—	12.0	-1.9	29.0	36	+2	20	+2	52	0	0	7
KHÂRGA	00	9	00	0	0	0	—	12.2	+0.7	26.6	39	+2	22	+1	45	0	1	—
DÂKHLA	00	8	28	1	0	0	—	13.4	+1.0	27.0	40	+4	20	-1	31	0	0	—
RED SEA																		
TÔR	00	7	04	3	0	0	—	—	—	27.1	35	+3	—	—	63	0	0	13
HURGHÂDA	00	8	30	2	0	0	—	—	—	29.6	34	+1	23	0	50	0	1	3
QUSEIR	00	8	32	2	0	0	—	9.5	0.0	31.3	36	+3	27	+1	42	0	11	4
PORT SÛDÂN	01	8	14	1	1	3	4,1	8		36					29	0	73	106
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	3	0	0	—	10		30					43	0	tr.	—
KAREIMA	00	8	02	1	0	1	4	8		32					21	0	25	26
'ATBARA	01	8	22	2	1	3	1	9		29					52	0	94	67
KHARTÛM	01	9	18	3	2	4	1	10		29					74	0	187	155
KASSALA	00	8	18	2	0	2	4	11		28					70	0	385	303
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	18	4	1	4	3	11		26					79	0	457	373
RENK	01	9	14	3	1	4	4	10		26		—		—	84	—	—	477
ROSEIRES	01	8	16	2	0	4	5	—		24					84	0	742	763
EL OBEID	02	9	18	3	1	5	4,3	11		24					84	7	585	337
EL FÂSHER								—	—							0	255	304
GENEINA								—	—			—		—		—	—	543
KADUGLI	01	8	28	2	1	3	1	12		24		—		—	84	—	—	678
S. SÛDÂN																		
MALAKÂL	02	8	00	0	1	7	8,4	12		25					89	0	944	770
WÂU	01	8	00	0	1	4	6,4	13		23					89	0	1085	1024
JUBA	25	8	22	1	8	7	7,4	13		23					94	tr.	1159	910

UPPER WINDS ON 15th. (الرياح العليا يوم ١٥)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	6h.30m.	9h. m.	6h.30m.	7h. m.	h. m.	7h. m.	7h.15m.	7h. m.	7h.15m.	7h. m.
		03 34 15	02 36 15	03 02 20	02 27 05		02 36 10	09 04 35	09 05 35	09 04 30	09 21 05
		06 35 15	05 36 15	06 02 35	05 33 05		05 02 25	15 06 15	15 04 15	15 05 45	15 34 05
		09 01 15	10 03 20	09 34 25			10 33 25	21 09 20		21 06 35	21 09 30
		15 30 15	15 36 20	12 32 20			15 35 30	27 11 15		27 05 25	24 09 30
		18 30 15	20 04 05	15 32 20				33 15 20		33 03 15	30 08 40
		21 32 15	25 02 05	21 30 15						39 34 05	
		24 33 15	30 01 10	27 32 10							
				30 26 25							
				39 25 30							

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6h.45m.	7h. m.	7h. m.	h. m.	h. m.	7h. m.
09 20 20	09 01 35	09 22 25			09 17 05
15 19 15	15 02 30	15 23 20			
21 02 20	21 03 20	21 06 35			
27 03 20	27 05 20	27 09 70			
30 02 15	33 06 15	33 08 65			
	39 08 25	39 06 20			

CYPRUS SYNOPTIC 8h. ON 15th.

34700 00990 08200 12261 90407 00230
34850 01832 20202 12742 20203 00190

UPPER AIR TEMP. ALMÂZA AT 6h. G.M.T ON 15th.

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	1004	76	72
500	986	73	68
1000	969	72	67
1500	951	70	65
2000	934	67	64
4000	867	59	49
6000	804	60	44
8000	746	50	35
10000	690	46	30
12000	639	40	24
14000	590	33	23
16000	544	27	20

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

ANNUAL SUBSCRIPTION P.T. 150

Sunset h. 18 m. 60

Month **SEPTEMBER** 1946

DAILY WEATHER REPORT

شهر سبتمبر ١٩٤٦

At 14h. on SUNDAY 15th / At 20h. on — الساعة ١٤ يوم / الساعة ٢٠ يوم الأحد ١٥

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain h. 8-14 mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain h. 14-20 mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	30	2	1	3	8	15.1	28.3	70	0	00	8	30	1	0	0	—	14.0	26.0	78	0	131
MARIUT	00	7	28	3	0	0	—	14	30	52	0	00	7	32	1	0	0	—	14	25	79	0	150
ALEXANDRIA	00	9	02	2	0	0	—	14.0	29.4	52	0	00	6	08	1	0	0	—	14.6	26.0	67	0	132
DAMIETTA	00	8	28	3	1	2	8	12.6	28.8	62	0	00	7	28	2	1	0	—	13.6	25.7	76	0	159
PORT SA'ÎD	00	8	30	2	0	3	8	13.0	32.0	60	0	00	8	30	2	0	3	8	14.3	26.6	74	0	134
EL 'ARÎSH	00	9	32	4	0	0	—	12.6	29.3	62	0	00	9	30	2	0	0	—	13.2	27.2	69	0	135
LOWER EGYPT																							
DAMANHÛR	01	7	04	2	1	3	8	13.2	31.3	48	0	00	7	32	2	1	0	—	14.0	25.8	78	0	136
MANSÛRA	01	8	25	2	1	3	8	12.7	32.5	41	0	00	6	04	1	1	0	—	14.8	25.0	73	0	137
TANTA	00	8	28	1	1	0	—	13.4	32.8	50	0	00	8	24	1	0	0	—	14.8	25.0	84	0	138
ZAGAZIG	01	6	28	1	1	4	8	13.4	32.2	54	0	00	6	24	2	0	0	—	14.3	24.2	81	0	139
SHEBÎN EL KÔM	00	8	30	2	0	0	—	12.7	32.2	50	0	00	7	30	2	0	0	—	13.2	25.3	73	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	7	30	1	0	2	8	12.4	31.8	46	0	00	7	02	2	0	0	—	13.9	27.8	58	0	141
CAIRO EZBEKIYA	00	8	28	1	0	1	8	13.1	32.2	49	0	00	7	02	2	0	0	—	14.4	26.8	63	0	—
CAIRO GÎZA	00	8	02	1	0	0	—	13.2	32.0	53	0	00	8	02	1	0	0	—	14.0	26.5	64	0	—
HELWÂN	00	7	30	2	0	1	8	12.2	32.0	37	0	00	6	32	4	0	0	—	13.4	28.1	50	0	143
SUEZ	00	9	30	2	0	0	—	12.4	35.1	33	0	00	9	32	2	0	0	—	13.8	28.1	65	0	144
UPPER EGYPT																							
FAIYÛM	01	8	02	2	1	3	8	12.2	32.8	35	0	00	8	02	1	0	0	—	12.7	28.7	46	0	153
MINYA	00	9	32	3	0	0	—	11.4	33.8	36	0	00	9	32	2	0	0	—	12.8	30.0	36	0	154
ASYÛT	00	8	28	2	0	0	—	11.6	34.5	21	0	00	6	28	1	0	0	—	12.3	30.3	35	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	10.3	35.8	27	0	00	8	00	0	0	0	—	11.2	27.8	51	0	164
QENA	00	9	22	2	0	0	—	8.8	38.6	25	0	00	6	24	1	0	0	—	10.6	31.6	33	0	156
LUXOR												00	6	28	2	0	0	—	11.5	32.0	28	0	157
ASWÂN	00	9	02	2	0	0	—	9.0	38.7	14	0	00	9	32	1	0	0	—	9.8	35.0	15	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	—	15.5	35.5	32	0	00	—	00	0	0	0	—	14.6	30.4	29	0	148
BAHARÎYA												00	—	00	0	0	0	—	12.7	26.0	30	0	149
KHÂRGA	00	9	32	2	0	0	—	11.4	37.2	18	0	00	—	32	2	0	0	—	10.8	33.8	24	0	151
DAKHLA	00	9	28	1	0	0	—	11.0	38.0	24	0	00	7	28	2	0	0	—	13.4	27.5	31	0	152
RED SEA																							
TÔR	00	7	28	3	0	0	—	10.7	31.2	57	0	00	7	28	3	0	0	—	9.0	24.5	51	0	145
HURGHÂDA	00	8	02	2	0	0	—	—	32.1	52	0	00	8	26	2	0	0	—	—	28.2	43	0	146
QUSEIR	00	8	02	1	0	0	—	9.8	34.0	51	0	00	8	30	1	0	0	—	9.0	30.8	55	0	147
PORT SÛDÂN	18	6	02	4	0	0	—	6	40	28	0												169
NORTH SÛDÂN																							
WÂDI HALFA	00	8	02	2	0	0	—	8	41	07	0												165
KAREIMA	00	8	08	2	0	1	2	6	41	19	0												166
ATBARA	01	7	12	2	1	3	8	5	40	20	0												167
KHARTÛM	00	8	26	3	1	2	8	6	37	33	0												168
KASSALA	01	8	20	1	0	3	8	7	33	47	0												170
CENTRAL SÛDÂN																							
WAD MEDANI	00	8	24	3	1	3	6	7	33	47	0												171
RENK	01	9	12	3	1	4	9	6	33	50	0												182
ROSEIRES	00	8	16	1	0	3	8	—	31	59	0												172
EL OBEID	02	9	20	2	1	5	4	8	31	55	0												174
EL FÂSHER																							175
GENEINA																							179
KADUGLI	02	8	12	2	1	6	9	—	32	52	0												187
S. SÛDÂN																							
MALAKÂL	01	8	16	1	1	5	8	8	32	59	0												176
WÂU	01	8	00	0	1	5	8	8	30	59	0												177
JUBA																							178

At 8h. on MONDAY 16th — الساعة ٨ يوم الاثنين ١٦

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				100
MATRÛH	00	9	00	0	0	0	—	16.4	+2.4	28.7	29	+1	—	—	68	0	101	161
MARIUT	00	7	08	1	0	1	8	16	—	27	30	—	19	—	62	0	187	138
ALEXANDRIA	00	9	00	0	0	0	—	16.4	+2.7	26.8	32	+2	23	+1	58	0	170	187
DAMIETTA	00	8	20	2	1	2	8	14.8	+1.9	26.8	30	—	21	—	70	0	81	106
PORT SA'ÎD	02	8	28	2	2	5	8	15.1	+3.0	27.0	33	+3	24	+1	75	0	71	81
EL 'ARÎSH	01	9	20	1	0	3	3	14.3	+1.4	30.0	31	+1	22	+3	62	0	—	94
LOWER EGYPT																		
DAMANHÛR	01	6	28	3	1	3	8	14.8	+1.2	25.0	32	0	20	+1	77	0	92	101
MANSÛRA	01	8	02	1	1	3	8	15.6	+2.4	26.0	34	+1	21	+2	73	0	66	55
TANTA	00	8	28	1	0	0	—	16.2	+2.6	25.0	33	0	19	+1	80	0	107	44
ZAGAZIG	00	6	24	2	0	0	—	15.6	+2.0	26.2	33	0	20	+2	78	0	24	27
SHEBÎN EL KÔM	00	8	28	1	0	2	8	14.8	+1.3	28.9	33	—	20	—	66	0	36	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	00	0	0	3	9	15.6	+2.3	24.6	34	—	21	—	78	0	10	—
CAIRO EZBEKÎYA	09	5	26	1	1	2	8	16.2	+2.9	26.2	34	+1	21	+1	69	0	22	26
CAIRO GÎZA	05	6	02	1	0	1	8	16.3	+3.0	25.2	32	0	19	+1	77	0	41	27
HELWÂN	00	7	04	1	0	1	8	15.6	+2.6	24.0	33	+1	21	+1	76	0	20	29
SUEZ	01	9	02	2	1	5	3	15.4	+3.3	27.0	35	+2	23	+2	69	0	—	17
UPPER EGYPT																		
FAIYÛM	00	8	32	2	0	0	—	16.5	+2.3	25.2	34	0	21	+2	73	0	13	8
MINYA	00	9	32	2	0	0	—	15.0	+2.4	26.4	34	+1	22	+2	66	0	dr	—
ASYÛT	00	7	30	1	0	0	—	14.7	+2.6	26.1	36	+3	22	+1	54	0	0	4
NAG' HAMÂDI	00	6	00	0	0	0	—	13.6	+2.9	28.3	37	—	19	—	45	0	1	—
QENA	00	8	28	1	0	0	—	12.7	+2.3	28.8	40	+2	23	+1	47	0	13	—
LUXOR	00	7	28	1	0	0	—	13.5	+3.1	30.0	40	0	23	+2	38	0	0	—
ASWÂN	00	9	32	1	0	0	—	11.9	+2.0	30.0	41	+2	26	+2	24	0	dr	—
WESTERN DESERT																		
SÎWA	00	6	00	0	0	0	—	16.7	+1.5	26.0	37	+2	18	0	49	0	5	8
BAHARÎYA	00	9	00	0	0	0	—	16.0	+2.0	27.0	36	+2	21	+3	56	0	0	7
KHÂRGA	00	9	30	3	0	0	—	13.0	+1.4	27.7	37	0	25	+4	37	0	1	—
DÂKHLA	00	8	20	1	0	0	—	15.4	+2.9	28.0	38	+2	21	0	27	0	0	
RED SEA																		
TÔR	00	7	28	5	0	0	—	11.9	+2.3	27.0	33	+1	—	—	58	0	0	13
HURGHÂDA	00	8	28	3	0	0	—	—	—	29.4	34	+1	24	+1	45	0	1	3
QUSEIR	00	8	32	2	0	0	—	10.3	+0.7	30.4	35	+3	26	0	45	0	11	4
PORT SÛDÂN	01	8	30	2	1	5	4	9		36					25	0	73	106
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	2	0	0	—	12		29					31	0	tr	—
KAREIMA																0	25	26
ATBARA	01	8	10	1	1	5	1	8		23					26	0	94	67
KHARTÛM	00	8	32?	3	0	0	—	11		29					27	0	187	156
KASSALA	01	8	18	3	1	4	4	11		27					66	0	385	305
CENTRAL SÛDÂN																		
WAD MEDANI	02	9	10	3	1	7		12		26					79	20	477	375
RENK												—		—		—	—	480
ROSEIRES	01	8	14	1	1	5		—		23					84	0	742	770
EL OBEID	01	7	18	3	1	4	4,1	12		26					70	0	585	340
EL FÂSHER	01	8	00	0	0	3	1	—	—	24					79	0	255	304
GENEINA	01	8	06	1	0	3	4	—	—	21		—		—	94	—	—	545
KADUGLI												—		—		—	—	683
S. SÛDÂN																		
MALAKÂL	02	8	04	2	1	6	4,5	13		25					84	0	944	775
WÂU	01	9	00	0	1	3	4	—		—					—	0	1085	1030
JUBA	01	8	28	2	0	3	1	12		24					79	0	1159	914

UPPER WINDS ON 15th — الرياح العليا يوم ١٥

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH 13h. 15m.	MARIUT 12h. 45m.	PORT SA'ÎD 12h. 45m.	ALMÂZA h. m.	MINYA 12h. 30m.	LUXOR 13h. 15m.	HURGHÂDA h. m.	WÂDI HALFA 13h. 15m.	KAREIMA 13h. m.	KHARTÛM 13h. 20m.	KASSALA 13h. m.	EL OBEID 13h. m.	MALAKAL 13h. m.	JUBA h. m.
03 32 20	03 32 15	03 32 20		03 32 15	03 32 15		09 02 30	09 07 15	09 20 05	09 25 15	09 25 10	09 23 10	
06 32 10	06 36 02	06 32 15		06 34 20	06 32 20		15 35 15	15 08 20	15 25 05	15 28 15	15 17 05	15 21 15	
09 33 15	09 33 05	09 28 15		09 35 35	09 32 20			21 05 15	18 17 10	21 03 10	21 10 30	18 21 15	
15 33 15	12 32 20	12 32 15		12 34 20	12 33 20			27 07 15	21 09 20	27 05 05	27 11 30		
21 29 30	15 31 25	15 30 15		15 34 20	15 32 20			39 10 10	24 09 15	33 07 05	33 11 30		
30 29 20	18 30 25	18 30 20		18 32 15	18 32 20			45 10 15	27 13 05		39 11 35		
	21 31 30			21 31 10	21 30 15				30 08 05				
	24 31 30			24 28 15	24 26 30				33 05 02				
	27 30 05			27 26 20									

UPPER WINDS ON 16th — الرياح العليا يوم ١٦

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT 6h. 30m.	PORT SA'ÎD 7h. m.	HELWÂN 8h. 45m.	MINYA h. m.	ASYÛT 7h. m.	LUXOR h. m.	ASWÂN 7h. m.	WÂDI HALFA 7h. 15m.	ABU HAMAD 7h. m.	KAREIMA h. m.	KHARTÛM 6h. m.
	03 31 10	03 31 15	02 02 15		02 32 15		02 35 30	03 22 95	09 03 50		09 28 20
	06 30 15	06 33 10	05 02 20		05 36 40		05 35 55	15 24 25	15 05 30		21 03 30
	09 28 20	09 31 10	08 04 15		10 35 60		10 36 30	27 24 35	21 06 25		24 04 30
	12 31 02	12 29 16	10 36 10		15 34 35		15 28 50	33 21 20	27 04 45		30 06 30
	15 27 15	15 26 10	15 30 10				20 25 20	39 20 30			39 02 40
		18 05 10	20 02 05				25 29 45				
		21 28 05	23 35 10				30 21 30				
		24 12 05	25 30 05								
		27 17 05	30 34 20								

KASSALA 6h. 45m.	PORT SÛDÂN h. m.	EL OBEID 7h. m.	EL FÂSHER 9h. 45m.	GENEINA 7h. m.	MALAKAL 7h. m.
09 17 15		09 20 30	06 20 10	09 12 15	09 09 30
15 33 20		15 15 10	15 15 05	21 10 50	15 10 15
21 34 15		21 05 15	21 10 40	27 10 35	21 05 10
27 03 20		24 08 20	27 09 40		27 07 10
			33 10 40		
			39 05 15		

UPPER AIR TEMP. ALMÂZA AT 6h. G.M.T. ON 16th

HEIGHT FEET	P.P.P m.b.	TT °F	T'T' °F
Surface	1006	74	70
500	998	72	68
1000	989	72	68
1500	970	70	66
2000	952	68	66
4000	935	67	63
6000	869	62	54
8000	806	61	39
10000	747	55	36
12000	692	49	31
14000	640	44	27
16000	591	37	27

CYPRUS SYNOPTIC 8h. ON 16th

34850 08841 24201 11241 80404 00190.

34710 01851 08101 13271 80104 00200.

Remarks

Hours are Egyptian standard time long 30°E and are two hours fast on Greenwich mean time

Mean of day

Station	Humidity % on 15th	Diff from normal	Wet bulb temp °C on 15th	Diff from normal
Alexandria	62	-5	22.4	+0.6
Ezbekiya	60	-4	22.9	+1.6
Giza	67	0	23.2	+2.1
Helwân	58	+4	21.6	+2.1

GIZA — GRASS MINIMUM TEMP. ON 16th 16.2°C

CAIRO — WATER TEMP RIVER NILE AT 9h. ON 16th 28.0°C

Discharges at Aswân measured by sluices m³ per sec. DATE	1946	1945
16-9	10694	7331
15-9	10702	7285

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	16-9-46	—	—	—	—
Nâsser		—	—	—	—
Malakâl		—	—	12.74	+0.65
J. Aulia Res.		—	—	377.10	—
J. Aulia D.S		—	—	375.57	+0.26
Roseires		19.19	+0.71	19.90	+1.39
Sennar Res.		—	—	—	—
Khartûm		15.82	+0.46	15.86	+0.30
Kh. el Girba		—	—	13.70	+0.25
'Atbara		15.44	+0.61	15.62	+0.74
Kajnarti		—	—	143.72	+2.22
Aswân Res.		116.88	—	116.70	—
Aswân D.S		93.60	+1.56	93.60	+1.55
Roda (Cairo)		20.27	+1.61	20.29	+1.63

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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, 1945 (45/306)

ANNUAL SUBSCRIPTION P.T. 150

DAILY WEATHER REPORT

Sunset 17 59 — Month SEPTEMBER 1946 — شهر سبتمبر 1946

At 14h. on MONDAY 16th — الساعة ١٤ يوم ١٦

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	°C Temp. (ttt)	% Humidity (uu)	Rain 8-14 h. mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	9	04	1	0	0	—	16.0	29.0	64	0	131
MARIUT	00	7	28	3	0	1	8	15	31	52	0	150
ALEXANDRIA	00	9	28	3	0	0	—	15.1	29.6	55	0	132
DAMIETTA	00	8	28	3	1	0	—	14.4	27.8	53	0	159
PORT SA'ÎD	00	8	30	3	1	3	8	14.3	31.1	51	0	134
EL 'ARÎSH	00	9	28	2	0	3	3	13.8	29.3	62	0	135
LOWER EGYPT												
DAMANHÛR	00	7	26	3	0	0	—	14.7	30.3	47	0	136
MANSÛRA	00	8	02	1	1	0	—	14.0	31.5	35	0	137
TANTA	00	8	28	3	0	0	—	14.6	31.1	38	0	138
ZAGAZIG	00	6	02	2	0	2	8	14.4	31.2	46	0	139
SHEBÎN EL KÔM	00	8	30	3	0	2	8	14.6	33.8	40	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	00	8	02	2	1	2	8	14.6	31.5	44	0	141
CAIRO EZBEKÎYA	00	8	30	1	0	0	—	14.3	31.3	41	0	—
CAIRO GÎZA	00	8	02	2	0	0	—	14.3	30.3	46	0	—
HELWÂN	00	7	28	3	0	0	—	13.5	30.1	37	0	143
SUEZ												144
UPPER EGYPT												
FAIYÛM	00	8	32	3	0	0	—	13.4	31.4	35	0	153
MINYA	00	9	32	3	0	0	—	13.4	32.4	34	0	154
ASYÛT	00	8	26	1	0	0	—	12.0	33.1	25	0	155
NAG' HAMÂDI	00	8	24	1	0	0	—	10.8	34.3	30	0	164
QENA	00	9	26	2	0	0	—	10.7	36.0	34	0	156
LUXOR	00	7	30	2	0	0	—	11.2	39.8	26	0	157
ASWÂN	00	9	02	3	0	0	—	8.7	38.7	11	0	158
WESTERN DESERT												
SÎWA	00	8	00	0	0	0	—	16.0	37.0	26	0	148
BAHARÎYA	00	9	00	0	0	0	—	18.2	34.0	31	0	149
KHÂRGA	00	9	32	4	0	0	—	11.5	36.2	16	0	151
DAKHLA	00	9	20	1	0	0	—	10.8	37.0	22	0	152
RED SEA												
ṬÔR	00	7	28	4	0	0	—	11.5	29.9	63	0	145
HURGHÂDA	00	8	32	3	0	0	—	—	32.6	40	0	146
QUSEIR	00	8	32	3	0	0	—	9.8	33.2	46	0	147
PORT SÛDÂN	18	6	02	5	1	3	4	6	37	51		148
NORTH SÛDÂN												
WÂDI HALFA	00	8	32	4	0	1	4	8	39	12		165
KAREIMA	00	8	16	2	0	2	8	5	41	18		166
'ATBARA	01	7	08	1	1	4	8,2	4	42	24		167
KHARTÛM	01	8	24	3	1	4	8,2	5	38	25		168
KASSALA	01	8	22	1	1	3	8,1	5	37	35		170
CENTRAL SÛDÂN												
WAD MEDANI	01	8	20	2	1	3	6	6	34	47		171
RENK	01	9	12	3	1	4	3	—	32	50		182
ROSEIRES	00	8	16	1	0	0	—	9	32	50		172
EL OBEID	02	8	24	1	1	6	4,1	8	30	55		174
EL FÂSHER												175
GENEINA												179
KADUGLI	01	8	12	3	1	4	9	9	33	53		187
S. SÛDÂN												
MALAKÂL	01	8	04	1	1	3	8,4	8	31	55		176
WÂU												177
JUBA	22	8	28	1	6	5	9,5	9	31	59		178

At 20h. on الاثنين ١٦ — الساعة ٢٠ يوم

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	°C Temp. (ttt)	% Humidity (uu)	Rain 14-20 h. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	8	00	0	0	0	—	15.6	28.5	61	0
MARIUT	00	7	29	1	0	0	—	15	26	74	0
ALEXANDRIA	00	6	30	2	0	0	—	16.2	26.6	66	0
DAMIETTA	00	7	28	2	1	2	8	15.0	25.8	72	0
PORT SA'ÎD	00	8	30	2	0	3	8	15.2	26.0	69	0
EL 'ARÎSH	00	9	00	0	0	0	—	14.3	26.2	70	0
LOWER EGYPT											
DAMANHÛR	00	7	32	3	0	0	—	15.5	25.2	72	0
MANSÛRA	00	6	32	1	0	0	—	15.1	25.8	67	0
TANTA	00	8	32	2	0	0	—	15.9	24.2	72	0
ZAGAZIG	00	6	32	2	0	0	—	15.1	25.1	66	0
SHEBÎN EL KÔM	00	7	02	2	0	0	—	14.6	23.8	74	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	7	32	3	0	0	—	15.4	29.7	52	0
CAIRO EZBEKÎYA	00	7	02	4	0	0	—	15.1	26.3	55	0
CAIRO GÎZA	00	8	02	3	0	0	—	15.1	26.2	55	0
HELWÂN	00	6	32	4	0	0	—	14.8	26.9	40	0
SUEZ	00	9	30	1	0	0	—	14.4	29.4	43	0
UPPER EGYPT											
FAIYÛM	00	8	02	2	0	0	—	14.2	26.6	47	0
MINYA	00	9	32	2	0	0	—	13.4	28.7	43	0
ASYÛT	00	6	28	1	0	0	—	12.6	29.3	36	0
NAG' HAMÂDI	00	8	24	1	0	0	—	11.0	28.1	53	0
QENA	00	6	24	1	0	0	—	9.0	33.8	19	0
LUXOR	00	6	28	2	0	0	—	10.4	31.7	30	0
ASWÂN	00	9	32	1	0	0	—	9.8	36.0	13	0
WESTERN DESERT											
SÎWA	—	—	00	0	0	0	—	15.4	29.6	43	0
BAHARÎYA											
KHÂRGA	00	—	32	2	0	0	—	12.2	32.9	20	0
DAKHLA	00	7	20	1	0	0	—	15.6	37.0	29	0
RED SEA											
ṬÔR	00	7	28	5	0	0	—	9.9	30.9	54	0
HURGHÂDA	00	8	28	3	0	0	—	—	27.4	42	0
QUSEIR	00	8	32	2	0	0	—	9.2	30.0	48	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 16th — الرياح العليا يوم ١٦

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID 13 h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR 12 h.30 m.	HURGHÂDA h. m.	WÂDI HALFA 13 h.30 m.	KAREIMA 13 h. m.	KHARTÛM 12 h.30 m.	KASSALA 13 h. m.	EL OBEID 13 h. m.	MALAKAL 13 h. m.	JUBA h. m.
		03 34 15			03 34 15		09 35 90	09 05 30	09 25 30	09 33 05	09 23 15	09 00 00	
		06 31 15			06 35 10		15 35 60	15 04 30	15 26 10	15 29 10	15 24 10	15 00 00	
		09 29 15			09 33 20		21 33 20	21 04 25		21 09 05	21 24 30	21 09 05	
		15 39 05			15 29 20			27 03 35		27 05 10	24 25 35	27 09 05	
		21 37 10			21 37 20			33 02 20		33 08 15		33 09 05	
		30 38 10			27 37 10			39 01 10				39 12 05	
		36 27 30			33 44 30								
		39 27 30			36 26 20								
		45 26 55											

UPPER WINDS ON 17th — الرياح العليا يوم ١٧

MATRÛH h. m.	MARIUT 6 h.45 m.	PORT SA'ID 8 h.45 m.	HELWÂN 9 h. m.	P. TAWFIQ 6 h.30 m.	ASYÛT 7 h. m.	LUXOR h. m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h.45 m.	ABU HAMAD 7 h.30 m.	KAREIMA 7 h. m.	KHARTÛM h. m.
	03 29 15	03 03 30	02 31 10	03 35 05	02 33 20		02 36 15	09 36 55	09 02 30	09 03 40	
	06 34 15	06 02 40	05 01 10	06 34 10	05 02 35		05 01 30	15 34 30	15 01 30	15 03 35	
	09 35 20	09 01 45	10 02 35	09 35 25	10 36 65		10 35 20	21 25 15		21 04 30	
	15 34 35	12 01 55	15 01 50	15 34 20	15 36 75		15 23 10			27 06 20	
	21 36 45	15 35 55	20 36 55	21 33 20			20 28 15			33 08 20	
	24 36 75	18 01 55	21 36 50	24 33 25			25 28 25			39 08 15	
	27 36 75	21 01 65		30 25 30			30 26 20				
	30 33 20			36 24 30			35 25 25				
	33 01 105			39 25 30							

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 16th	Humidity Diff from normal	Wet Bulb Temp °C on 16th	Wet Bulb Temp Diff from normal
Alexandria	60	-7	22.1	+0.4
Ezbekiya	56	-8	22.0	+0.7
Giza	60	-7	23.0	+2.0
Helwân	54	0	19.9	+0.4

GIZA — GRASS MINIMUM TEMP. ON 17th 15.0 °C

CAIRO — WATER TEMP AT 9h. RIVER NILE ON 17th 27.7 °C

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	17th	10700	7598
	16th	10694	7331

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	17th				
Nâsser				10.78	+0.49
Malakâl		12.75	+0.64	12.75	+0.65
J. Aulia Res.				377.13	—
J. Aulia D.S				375.59	+0.30
Roseires		19.11	+0.69	19.19	+0.71
Sennar Res.		17.20	—	17.20	—
Khartûm		16.02	+0.52	15.92	+0.40
Kh. el Girba				13.50	+0.10
'Atbara		15.36	+0.57	15.44	+0.61
Kajnarti		143.35	+1.92	143.59	+2.14
Aswân Res.		117.00	—	116.88	—
Aswân D.S		93.60	+1.58	93.60	+1.56
Roda (Cairo)		20.25	+1.60	20.27	+1.61

Printed by the Survey of Egypt, 1946. (45/306)

At 8h. on TUESDAY 17th — الثلاثاء ١٧ — الساعة ٨ يوم

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Pressure M.S.L. 1000+ mbs. (ppp)	Diff. from normal mbs.	Temperature Dry Bulb °C (ttt)	Maximum Yesterday °C (MM)	Maximum Diff. from norm. °C	Minimum Today °C (mm)	Minimum Diff. from norm. °C	% Humidity (uu)	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm. from Oct. 1 mms
MEDITERRANEAN																		
SALÛM													—	—				100
MATRÛH	00	9	00	0	0	0	—	15.6	+1.5	25.6	31	+3	—	—	66	0	101	161
MARIUT	00	7	26	2	0	0	—	15	—	28	31	—	20	—	66	0	187	138
ALEXANDRIA	00	9	28	2	0	0	—	14.6	+0.8	27.4	31	+1	23	+1	69	0	170	187
DAMIETTA	00	7	20	2	0	0	—	14.2	+1.2	26.0	29	—	21	—	79	0	81	106
PORT SA'ÎD	00	8	28	2	0	3	8	14.3	+2.1	27.2	32	+2	24	+1	75	0	71	81
EL 'ARÎSH	01	9	00	0	0	4	3	14.2	+1.2	28.2	30	0	21	+2	61	0	—	94
LOWER EGYPT																		
DAMANHÛR	00	6	28	2	0	0	—	15.0	+1.3	24.8	31	0	20	+1	85	0	92	101
MANSÛRA	00	8	20	1	0	0	—	14.4	+1.0	25.5	33	0	20	+1	76	0	66	55
TANTA	00	8	00	0	0	0	—	15.1	+1.4	25.0	32	-1	18	0	84	0	107	44
ZAGAZIG	00	6	22	1	0	0	—	14.7	+1.0	26.6	32	-1	20	+3	74	0	24	27
SHEBÎN EL KÔM	00	8	28	1	0	0	—	14.2	+0.6	27.4	34	—	20	—	71	0	36	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	00	0	0	0	—	14.2	+0.8	26.2	32	—	20	—	73	0	10	—
CAIRO EZBEKÎYA	05	6	02	1	0	0	—	14.8	+1.4	26.3	32	-1	21	+1	72	0	22	26
CAIRO GÎZA	05	6	30	1	0	0	—	15.4	+2.0	25.4	31	-1	18	0	75	0	41	27
HELWÂN	00	7	04	1	0	0	—	14.3	+1.1	25.5	31	-1	21	+1	66	0	20	29
SUEZ	00	9	00	0	0	0	—	14.8	+2.6	25.1	35	+2	20	-1	66	0	—	17
UPPER EGYPT																		
FAIYÛM	00	8	32	2	0	0	—	14.4	+1.0	25.0	33	-1	19	0	72	0	13	8
MINYA	00	9	32	3	0	0	—	14.3	+1.6	25.3	33	0	20	+1	79	0	tr.	—
ASYÛT	00	7	28	1	0	0	—	13.8	+1.6	25.5	35	+2	22	+1	51	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	11.8	+1.0	28.3	34	—	19	—	56	0	1	—
QENA	00	8	22	2	0	0	—	11.6	+1.0	27.8	39	+1	22	0	56	0	13	—
LUXOR	00	7			0	0	—	11.6	+2.5	30.0	42	+2	22	+1	47	0	0	—
ASWÂN	00	9	30	1	0	0	—	11.6	+1.6	26.9	39	0	23	-1	37	0	tr.	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	16.3	+1.0	26.1	38	+3	18	0	50	0	5	8
BAHARÎYA																	0	7
KHÂRGA	00	9	32	4	0	0	—	15.0	+3.3	26.0	37	0	23	+2	49	0	1	—
DAKHLA	00	8	20	1	0	0	—	15.6	+3.0	25.5	37	+1	23	+2	75	0	0	—
RED SEA																		
ṬÔR	00	7	28	3	0	0	—	12.0	+2.2	27.5	34	+2	—	—	58	0	0	13
HURGHÂDA	00	8	30	4	0	0	—	—	—	31.6	34	+1	25	+2	34	0	1	3
QUSEIR	00	8	30	4	0	0	—	10.0	+0.2	29.2	34	+2	26	0	63	0	11	4
PORT SÛDÂN	01	7	30	2	1	3	4,1	8		33					70	0	73	106
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	3	0	1	2	12		27					33	0	tr.	—
KAREIMA	00	8	04	2	1	2	4	10		27					29	0	25	27
'ATBARA	00	8	08	3	0	0	—	8		31					26	0	94	67
KHARTÛM	00	8	20	3	0	2	1	8		32					41	1	188	157
KASSALA	02	8	18	3	1	5	4,5	10		29					16	0	385	307
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	20	2	0	2	3	10		27					79	0	477	377
RENK	01	9	16	3	1	4	4	9		28		—		—	70	—	—	484
ROSEIRES	01	8	16	1	1	3	1	11		26					79	0	742	776
EL OBEID	01	9	20	3	1	4	4	10		25					—	0	585	343
EL FÂSHER	01	9	00	0	1	4	9,4	—	—	26					62	1	256	305
GENEINA	02	8	00	0	1	7	2	—	—	21		—		—	94	—	—	547
KADUGLI	02	8	04	2	1	6	9	12		23		—		—	95	—	—	688
S. SÛDÂN																		
MALAKÂL	25	8	22	1	5	7	4,5	12		25					89	1	945	779
WÂU	62	8	00	0	8	5	4,2	—		24					84	14	1099	1036
JUBA	00	8	32	2	0	2	4	13		25					79	14	1159	917

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 17th — الرياح العليا يوم ١٧

KASSALA 6 h.45 m.	PORT SÛDÂN 7 h.45 m.	EL OBEID 7 h.30 m.	EL FÂSHER 7 h. m.	GENEINA 7 h. m.	MALAKAL 7 h. m.
09 21 25	09 03 10	09 19 15	09 28 10	09 36 05	09 19 10
15 24 15	15 03 20	15 09 15	15 30 10	15 17 05	15 13 10
24 03 15	18 01 20	21 08 30	18 31 10	21 07 20	21 13 10
27 18 05		27 08 45		27 11 25	24 13 10
		33 08 45		33 10 30	

CYPRUS SYNOPTIC 8h. ON 17th

34700 00990 00000 12261 50105 00190

34810 00961 24101 12261 90300

UPPER AIR TEMP. ALMÂZA AT 6 h. G.M.T. ON 17th

HEIGHT FEET	P.P.P m.b.	T.T °F	t.t °F
Surface	1005	72	68
500	998	74	68
1000	969	72	67
1500	952	71	63
2000	935	73	57
4000	868	66	52
6000	805	57	46
8000	747	56	36
10000	691	51	32
12000	640	45	28
14000	591	35	25
16000	545	26	21

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

ANNUAL SUBSCRIPTION P.T. 150

At 14h. on TUESDAY 17th — الساعة ١٤ يوم الثلاثاء ١٧

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	Temp. °C (ttt)	% Humidity (uu)	Rain 8-14 hr. mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	9	04	2	0	0	—	13.4	29.6	67	0	131
MARIUT	00	8	29	3	0	0	—	13	30	62	0	150
ALEXANDRIA	00	9	28	3	0	0	—	13.8	30.6	50	0	132
DAMIETTA	00	8	28	3	1	2	8	12.8	28.8	62	0	159
PORT SA'ÎD	00	8	28	3	0	1	2	12.8	31.3	58	0	134
EL 'ARÎSH	01	9	32	4	0	4	3	12.4	29.1	59	0	135
LOWER EGYPT												
DAMANHÛR	00	7	32	4	0	0	—	13.5	30.8	50	0	136
MANSÛRA	01	8	30	3	1	3	8	13.0	32.5	39	0	137
ṬANṬA	00	8	28	3	0	0	—	12.6	32.7	46	0	138
ZAGAZIG	01	6	32	2	1	4	8	12.2	31.9	48	0	139
SHEBÎN EL KÔM	00	8	30	3	0	2	8	12.3	33.1	44	0	
MIDDLE EGYPT												
CAIRO ALMÂZA	00	8	30	4	0	2	8	12.7	31.9	41	0	141
CAIRO EZBEKÎYA	00	8	02	2	0	0	—	13.1	31.8	44	0	
GÎZA	00	8	32	2	0	0	—	13.2	31.5	42	0	
ḤELWÂN	00	7	32	3	0	0	—	12.4	31.5	35	0	143
SUEZ	00	9	02	2	0	0	—	12.7	32.4	37	0	144
UPPER EGYPT												
FAIYÛM	00	8	32	4	0	0	—	12.2	32.4	32	0	153
MINYA	00	9	32	4	0	0	—	12.2	33.4	36	0	154
ASYÛṬ	00	8	28	2	0	0	—	10.3	33.1	27	0	155
NAG' ḤAMÂDI	00	8	00	0	0	0	—	9.0	32.9	39	0	164
QENA	00	9	24	1	0	0	—	9.2	36.2	33	0	156
LUXOR	00	7	28	2	0	0	—	9.4	37.0	39	0	157
ASWÂN	00	9	30	3	0	0	—	7.6	37.4	14	0	158
WESTERN DESERT												
SÎWA	00	8	20	4	0	0	—	14.7	37.0	30	0	148
BAHARÎYA												149
KHÂRGA	00	9	32	4	0	0	—	10.8	35.6	15	0	151
DAKHLA	00	9	20	1	0	0	—	11.0	36.0	25	0	152
RED SEA												
ṬÔR	00	7	28	4	0	0	—	10.3	30.1	65	0	145
HURGHÂDA	00	8	32	3	0	0	—	—	32.2	41	0	146
QUSEIR	00	8	32	3	0	0	—	8.6	32.2	49	0	147
PORT SÛDÂN	01	8	04	3	1	4	4	6	39	16		188
NORTH SÛDÂN												
WÂDI ḤALFA	00	8	30	4	0	2	4	7	38	11		165
KAREIMA	00	8	06	2	0	0	—	6	40	19		166
'ATBARA	00	8	04	3	0	3	8,4	3	42	11		167
KHARTÛM	01	8	24	2	1	4	4	4	39	21		169
KASSALA	01	8	24	1	1	3	8,4	3	38	37		170
CENTRAL SÛDÂN												
WAD MEDANI	02	8	30	2	0	7	4	5	37	37		171
RENK												182
ROSEIRES	00	8	30	1	0	3	8	—	33	50		172
EL OBEID												174
EL FÂSHER	00	8	30	4	0	1	4	—	38	—		175
GENEINA												179
KADUGLI												187
S. SÛDÂN												
MALAKÂL	02	8	22	2	1	5	4,5	8	31	62		176
WÂU	02	8	08	1	1	5	8,4	7	32	49		177
JUBA	01	8	02	1	1	4	8	8	32	43		178

At 20h. on 17th — الساعة ٢٠ يوم الثلاثاء ١٧

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	Temp. °C (ttt)	% Humidity (uu)	Rain 14-20 hr. mms
MATRÛH	00	8	12	2	0	0	—	12.3	26.6	59	0
MARIUT	00	7	00	0	0	0	—	—	25	74	0
ALEXANDRIA	00	6	00	0	0	0	—	13.6	27.0	68	0
DAMIETTA	00	7	28	2	1	0	—	12.6	25.6	79	0
PORT SA'ÎD	00	8	28	2	1	3	8	12.8	26.3	74	0
EL 'ARÎSH	01	7	28	2	0	4	—	13.6	27.1	75	0
DAMANHÛR	00	7	32	2	0	0	—	13.8	25.4	76	0
MANSÛRA	00	6	32	2	1	0	—	13.0	25.6	71	0
ṬANṬA	00	8	24	2	0	0	—	13.2	24.3	72	0
ZAGAZIG	00	6	30	2	0	0	—	—	24.3	76	0
SHEBÎN EL KÔM	00	7	02	2	0	0	—	12.6	24.4	67	0
ALMÂZA	00	7	02	2	0	0	—	12.9	27.9	51	0
EZBEKÎYA	00	7	30	2	0	0	—	13.4	26.5	54	0
GÎZA	00	8	02	1	0	0	—	13.4	26.8	57	0
ḤELWÂN	00	8	32	2	0	0	—	12.8	28.0	43	0
SUEZ	00	9	32	1	0	0	—	13.5	27.0	60	0
FAIYÛM	00	8	32	1	0	0	—	12.6	27.2	53	0
MINYA	00	9	32	2	0	0	—	12.2	29.0	42	0
ASYÛṬ	00	6	30	2	0	0	—	10.8	30.0	30	0
NAG' ḤAMÂDI	00	8	00	0	0	0	—	9.1	26.8	58	0
QENA	00	6	24	1	0	0	—	8.7	29.0	48	0
LUXOR	00	6	28	2	0	0	—	8.2	31.7	30	0
ASWÂN	00	9	32	1	0	0	—	8.0	35.0	15	0
SÎWA	00	—	00	0	0	0	—	13.1	31.5	46	0
BAHARÎYA											
KHÂRGA	—	—	32	3	0	0	—	9.9	30.7	37	0
DAKHLA	00	7	20	1	0	0	—	—	25.0	46	0
ṬÔR	00	7	28	4	0	0	—	9.9	30.9	57	0
HURGHÂDA	00	8	26	4	0	0	—	—	27.8	27	0
QUSEIR	00	8	32	2	0	0	—	8.4	28.7	54	0
PORT SÛDÂN											
WÂDI ḤALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 17th — الرياح العليا يوم ١٧

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH 12h. 15m.	MARIUT h. m.	PORT SA'ÎD 13h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13h. 15m.	KAREIMA 13h. m.	KHARTÛM 13h. 30m.	KASSALA 13h. m.	EL OBEID h. m.	MALAKAL 13h. m.	JUBA 13h. 15m.
03 08 25		03 32 15					09 31 30	09 03 35	09 33 05	09 27 05		09 25 15	09 04 05
06 10 30		06 30 25					15 28 35	15 02 25	15 36 15	15 21 05		15 20 15	15 11 10
09 18 15		09 31 30					21 22 25	21 03 20	21 02 15	21 09 05		21 19 15	21 11 25
15 20 25		15 34 30					24 25 45	27 05 20	24 04 20	27 08 15		27 19 10	27 12 30
21 26 30							33 23 40	33 07 30	30 08 25	33 11 20		33 09 05	33 13 25
27 28 25							39 25 40	39 09 05	36 11 25			39 05 25	39 14 30
30 27 30												51 09 40	
39 28 35													
51 24 30													

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	18th.	10700	7487
	17th.	10700	7598

STATION	Mean of day: Humidity % on 17th	Humidity Diff from normal	Wet Bulb Temp °C on 17th	Wet Bulb Temp Diff from normal
Alexandria	66	-1	22.9	+1.3
Ezbekîya	57	-7	21.9	+0.7
Giza	61	6	21.9	+1.0
Helwân	50	-4	20.6	+1.2

GÎZA — GRASS MINIMUM TEMP. ON 18th. 14.0 °C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 18th. 27.2 °C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser				10.80	+0.50
Malakâl		12.78	+0.66	12.75	+0.64
J. Aulia Res.					
J. Aulia D.S					
Roseires	18th	19.00	+0.62	19.11	+0.69
Sennar Res.		17.20	—	17.20	—
Khartûm		16.10	+0.62	16.0	+0.52
Kh. el Girba				3.40	+0.05
'Atbara		15.27	+0.53	15.36	+0.57
Kajnarti				143.35	+1.92
Aswân Res.		117.00	—	117.00	—
Aswân D.S		93.60	+1.60	93.60	+1.58
Roda (Cairo)		20.23	+1.58	20.25	+1.60

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١٩٤٦ شهر شباط

At 8h. on WEDNESDAY 18th. — الساعة ٨ يوم الأربعاء ١٨

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Pressure M.S.L. 1000+ mbs. (ppp)	Diff. from normal mbs.	Temperature Dry Bulb °C (ttt)	Maximum Yesterday °C (MM)	Maximum Diff. from norm. °C	Minimum Today °C (mm)	Minimum Diff. from norm. °C	% Humidity (uu)	Rainfall Past 24 hrs. mms	Total From Oct. 1 mms.	Norm From Oct. 1 mms.
MEDITERRANEAN																		
SALÛM												—		—				100
MATRÛH	00	9	20	3	0	0	—	10.4	-3.8	28.2	32	+4		—	47	0	101	161
MARIUT	00	7	18	1	0	0	—	12		26	31	—	19	—	79	0	187	138
ALEXANDRIA	00	7	12	2	0	0	—	12.0	-2.0	27.0	32	+2	22	0	72	0	170	187
DAMIETTA	01	8	20	1	1	4	8	11.5	-1.6	26.0	30	—	21	—	82	0	81	106
PORT SA'ÎD	02	8	28	2	2	5	8	11.6	-0.7	26.3	32	+2	23	0	77	0	71	81
EL 'ARÎSH	00	9	16	1	0	3	3	11.4	-1.7	27.9	30	+1	19	0	63	0	—	94
LOWER EGYPT																		
DAMANHÛR	00	5	20	2	0	0	—	12.0	-1.8	23.8	32	+1	20	+1	88	0	92	101
MANSÛRA	00	8	20	1	0	0	—	11.9	-1.6	25.2	33	0	19	0	82	0	66	55
ṬANṬA	00	8	00	0	0	0	—	12.3	-1.5	25.0	33	0	18	0	84	0	107	44
ZAGAZIG	00	6	02	2	0	0	—	13.1	-0.8	26.1	33	0	19	+2	79	0	24	27
SHEBÎN EL KÔM	00	8	22	1	0	0	—	13.2	-0.5	26.8	35	—	20	—	73	0	36	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	00	0	0	0	—	11.8	-1.7	24.0	34	—	20	—	77	0	10	—
CAIRO EZBEKÎYA	09	5	32	1	0	0	—	11.8	-1.7	25.2	34	+2	21	+1	78	0	22	26
GÎZA	05	6	02	1	0	0	—	11.6	-1.9	25.0	32	0	17	0	75	0	41	27
ḤELWÂN	05	6	00	0	0	0	—	11.8	-1.5	23.9	33	+1	19	-1	70	0	20	29
SUEZ	00	9	32	1	0	0	—	12.3	0.0	26.0	34	+1	20	-1	69	0	—	17
UPPER EGYPT																		
FAIYÛM	00	8	02	1	0	0	—	11.8	-1.8	24.5	33	0	19	0	77	0	13	8
MINYA	00	9	32	1	0	0	—	11.5	-1.3	24.9	34	+1	19	0	62	0	ds.	—
ASYÛṬ	00	7	20	1	0	0	—	11.5	-0.8	26.0	35	+2	20	-1	59	0	0	4
NAG' ḤAMÂDI	00	8	00	0	0	0	—	10.4	-0.5	27.9	34	—	20	—	59	0	1	—
QENA	00	8	24	2	0	0	—	9.5	-1.2	28.2	38	0	22	0	57	0	13	—
LUXOR	00	7	28	2	0	0	—	9.9	-0.7	30.6	38	-2	22	+1	37	0	0	—
ASWÂN	00	9	32	1	0	0	—	10.0	0.0	27.7	39	0	23	-1	32	0	ds.	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	14.0	1.4	26.0	38	+3	19	+1	55	0	5	8
BAHARÎYA																	0	7
KHÂRGA	00	9	32	2	0	0	—	12.3	+0.5	27.2	36	-1	23	+2	42	0	1	—
DAKHLA	00	8	20	1	0	0	—	12.8	+0.1	27.0	37	+1	21	0	37	0	0	—
RED SEA																		
ṬÔR	00	7	28	4	0	0	—	7.6	-2.3	27.2	34	+3	—	—	65	0	0	13
HURGHÂDA	00	8	28	3	0	0	—			28.6	32	-1	23	0	32	0	1	3
QUSEIR	00	8	30	3	0	0	—	7.6	-2.4	29.4	33	+1	25	-1	28	0	11	4
PORT SÛDÂN	02	9	28	1	1	7	4	8		33					56	0	73	106
NORTH SÛDÂN																		
WÂDI ḤALFA	00	8	06	3	0	0	—	11		27					33	0	17	—
KAREIMA																0	25	27
'ATBARA	01	8	20	2	1	5	4,2	7		32					22	0	94	68
KHARTÛM	01	8	20	4	1	4	1	8		29					52	0	188	157
KASSALA	01	8	20	1	1	4	4	9		29					59	0	385	308
CENTRAL SÛDÂN																		
WAD MEDANI																10	487	378
RENK												—		—		—	—	487
ROSEIRES	01	8	15	1	1	4	1	14		23					78	10	752	782
EL OBEID	10	9	08	3	1	7	4	13		24					74	8	593	346
EL FÂSHER								—	—							0	256	305
GENEINA								—	—			—		—		—	—	549
KADUGLI	02	8	12	3	1	7	9	12		23		—		—	84	—	—	692
S. SÛDÂN																		
MALAKÂL	52	8	14	4	6	8	7,5	13		22					95	34	979	783
WÂU																8	1107	1041
JUBA	01	8	12	1	1	4	6,4	14		23					94	0	1159	921

UPPER WINDS ON 18th — الرياح العليا يوم ١٨

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT 7h. 30m.	PORT SA'ÎD 7h. m.	ḤELWÂN 9h. m.	MINYA 6h. 30m.	ASYÛṬ 7h. m.	LUXOR 7h. m.	ASWÂN 7h. m.	WÂDI HALFA 7h. 15m.	ABU HAMAD 7h. 15m.	KAREIMA h. m.	KHARTÛM 6h. m.
	03 32 05	03 34 05	02 31 10	03 03 20	02 31 15	03 33 25	02 35 20	09 36 50	09 34 20		09 21 20
	06 44 10	06 33 05	05 02 15	06 02 35	05 34 20	06 35 20	05 36 45	15 35 55	15 36 10		15 05 20
	09 04 15	09 34 10	08 36 20	09 02 35	10 01 25	09 33 30	10 36 20	21 33 35	21 32 15		21 03 15
	15 03 10	12 36 30	10 36 20	12 36 00		15 38 15		27 24 15	27 35 05		24 01 15
	21 31 30	15 34 30	15 35 50	15 34 40		21 24 20			39 09 10		
	24 31 30	18 34 30	20 35 55	18 34 45		24 23 10					
	27 31 25		23 35 45	21 34 50		27 27 15					
						30 27 15					

KASSALA 7h. m.	PORT SÛDÂN 7h. 15m.	EL OBEID 7h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL 7h. m.
09 25 30	09 35 20	09 09 20			09 15 20
15 23 15	15 02 10	15 12 20			15 14 20
21 32 15	27 05 10	21 14 30			21 13 30
27 04 20					
33 05 25					
39 06 30					

CYPRUS SYNOPTIC 8h. ON 18th.

34700 00990 06300 11272 20195 00210
34800 05800 22200 11261 40400 00200

UPPER AIR TEMP. ALMÂZA AT 6h G.M.T ON 18th.

HEIGHT FEET	P.P.P m.b.	T.T °C	t.t °F
Surface	1002	72	68
500	984	72	66
1000	966	75	61
1500	949	75	56
2000	932	74	56
4000	865	70	51
6000	803	58	29
8000	744	51	36
10000	689	49	31
12000	637	42	27
14000	589	36	26
16000	543	25	21

ANNUAL SUBSCRIPTION P.T. 150

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Time of Sunrise 05 h. 41 m.
Sunset 17 h. 56 m.

Month SEPTEMBER 1946 — شهر سبتمبر ١٩٤٦

At 14h. on WEDNESDAY 18th (الساعة ١٤ يوم ١٨) — At 20h. on 18th (الساعة ٢٠ يوم الأربعاء ١٨)

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	04	3	0	0	—	9.4	28.6	76	0	28	8	16	1	5	5	9	9.6	25.2	77	dl.	131
MARIUT	00	7	30	2	0	0	—	10	32	50	0	00	7	04	2	0	1	6	9	25	79	0	150
ALEXANDRIA	00	9	00	0	0	0	—	10.3	33.0	47	0	00	6	08	2	0	0	—	10.0	27.0	64	0	132
DAMIETTA	00	8	30	3	1	0	—	10.0	28.0	63	0	00	7	28	1	1	0	—	10.3	25.4	84	0	159
PORT SA'ÎD	00	8	30	3	0	0	—	9.5	31.0	62	0	00	8	30	2	0	0	—	10.6	25.8	73	0	134
EL 'ARÎSH	00	9	32	2	0	0	—	9.6	29.0	57	0	00	9	32	1	0	0	—	10.0	26.1	72	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	24	3	0	0	—	10.0	32.3	44	0	00	7	28	3	0	0	—	9.4	24.7	84	0	136
MANSÛRA	01	8	32	1	1	3	8	10.0	33.0	39	0	00	6	04	2	1	0	—	10.7	25.6	70	0	137
TANTA	00	8	00	0	0	0	—	10.3	32.3	48	0	00	8	00	0	0	0	—	10.4	24.5	74	0	138
ZAGAZIG	00	6	02	3	0	0	—	9.9	32.2	49	0	00	6	32	2	0	0	—	9.5	26.2	69	0	139
SHEBÎN EL KÔM	00	8	02	3	0	0	—	11.0	33.8	38	0	00	7	02	2	0	0	—	9.6	26.2	66	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	30	3	0	0	—	9.1	32.8	65	0	00	9	06	3	0	0	—	9.2	29.2	57	0	141
CAIRO EZBEKÎYA	00	8	02	2	0	0	—	9.8	33.2	39	0	00	7	02	2	0	0	—	9.6	29.0	53	0	—
CAIRO GÎZA	00	8	30	2	0	0	—	9.9	32.7	41	0	00	8	28	1	0	0	—	10.0	28.0	60	0	—
HELWÂN	00	7	28	4	0	0	—	9.4	32.4	31	0	00	6	04	3	0	0	—	9.4	29.0	46	0	143
SUEZ	00	9	02	1	0	0	—	9.8	31.8	36	0	00	9	00	0	0	0	—	11.0	27.0	45	0	144
UPPER EGYPT																							
FAIYÛM	00	8	30	2	0	0	—	9.1	33.5	27	0	00	8	00	0	0	0	—	9.2	26.7	58	0	153
MINYA	00	9	32	3	0	0	—	9.5	33.8	27	0	00	9	00	0	1	0	—	9.4	30.7	34	0	154
ASYÛT	00	8	22	2	0	0	—	9.0	34.2	26	0	00	6	30	1	0	0	—	9.8	28.4	49	0	155
NAG' HAMÂDI	00	8	24	1	0	0	—	7.1	34.8	33	0	00	8	00	0	0	0	—	8.8	27.3	56	0	164
QENA	00	9	24	1	0	0	—	7.0	38.0	28	0	00	6	22	2	0	0	—	—	33.4	21	0	156
LUXOR	00	7	30	2	0	0	—	6.7	37.0	30	0	00	6	28	3	0	0	—	8.0	31.8	29	0	157
ASWÂN	00	9	26	2	0	0	—	—	37.6	11	0	00	9	32	1	0	0	—	8.0	34.0	30	0	158
WESTERN DESERT																							
SÎWA	01	8	20	2	1	4	4	12.3	34.0	45	0	00	—	00	0	0	0	—	11.4	28.8	49	0	148
BAHARÎYA	00	9	00	0	0	0	—	10.2	35.2	36	0												149
KHÂRGA	00	9	32	3	0	0	—	9.5	35.8	21	0	00	—	32	1	0	0	—	9.9	32.3	23	0	151
DAKHLA	00	9	20	1	0	0	—	9.8	36.5	23	0	00	7	20	1	0	0	—	—	26.5	38	0	152
RED SEA																							
TÔR	00	7	28	4	0	0	—	6.8	29.9	66	0	00	7	28	4	0	0	—	—	33.1	66	0	145
HURGHÂDA	00	8	32	4	0	0	—	—	32.1	32	0	00	9	24	3	0	0	—	—	27.6	26	0	146
QUSEIR	00	8	32	2	0	0	—	6.7	32.4	47	0	00	8	30	1	0	0	—	7.0	29.0	53	0	147
PORT SÛDÂN	02	8	04	3	1	5	4	6	35	44													208
NORTH SÛDÂN																							
WÂDI HALFA	00	8	02	2	0	1	2	6	38	10													165
KAREIMA	00	8	30	3	0	3	1	5	42	06													166
'ATBARA	01	8	20	3	1	5	4	3	41	18													167
KHARTÛM	01	8	22	4	1	4	2	5	38	21													209
KASSALA	01	8	24	2	1	4	4	5	37	35													170
CENTRAL SÛDÂN																							
WAD MEDANI	02	8	18	4	1	7	3	6	33	47													171
RENK	01	9	18	3	1	4	8	7	30	59													182
ROSEIRES	01	8	16	1	0	4	8	—	31	55													172
EL OBEID	02	9	18	3	1	7	4,2	8	28	48													174
EL FÂSHER																							175
GENEINA	02	8	20	2	2	5	9,4	—	29	55													179
KADUGLI																							187
S. SÛDÂN																							
MALAKÂL	02	8	08	2	9	8	4,5	9	29	62													176
WÂU																							177
JUBA	02	8	00	0	1	6	9,4	8	32	46													178

UPPER WINDS ON 18th (الرياح العليا يوم ١٨)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA
h. m.	12h 30m.	12h 30m.	h. m.	12h 45m.	12h 30m.	h. m.
	030405	033420		033320	033316	
	063615	063320		063220	063320	
	092605	093120		092420	093230	
	152815	153425		153440	153225	
	212825	213320		213525	212930	
	272920			273440	272620	
	303025			303535	302625	
				392615	392330	
					452220	

WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
13h. 15m.	13h. m.	13h. m.	13h. m.	13h. m.	13h. m.	13h. m.
093610	093520	092455	092515	092330	090830	093515
153120	153515	152325	152715	152105	150728	150405
213635	213406	212215	212910	211320	210305	180305
272335	271205		273605	271130	272415	
332540	331305				332330	
393405	394515				391925	

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 18th	Diff from normal	Wet bulb temp °C on 18th	Diff from normal
Alexandria	66	±1	23.2	+1.7
Ezbekiya	60	-4	22.5	+1.3
Giza	63	-4	22.5	+1.6
Helwân	54	0	20.7	+1.3

GÎZA — GRASS MINIMUM TEMP. ON 19th 15.9 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 19th 27.1 °C

Discharges at Aswân measured by sluices m³ per sec. — Date	1946	1945
19th	10700	7597
18th	10700	7489

Date for all gauge readings: 19th, 1946.

Gauge	Reading (m.)	Diff from normal (m.)	Previous day Reading (m.)	Previous day Diff. from normal (m.)
Jûba				
Nâsser			10.87	+0.56
Malakâl	12.99	+0.67	12.78	+0.66
J. Aulia Res.				
J. Aulia D.S				
Roseires	18.90	+0.57	19.00	+0.62
Sennar Res.			17.20	—
Khartûm			16.10	+0.62
Kh. el Girba			13.20	-0.07
'Atbara	15.22	+0.51	15.27	+0.53
Kajnarti	142.91	+1.58	143.09	+1.68
Aswân Res.	116.89	—	117.00	—
Aswân D.S	93.60	+1.61	93.60	+1.60
Roda (Cairo)	20.23	+1.58	20.23	+1.58

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on THURSDAY 19th (الساعة ٨ يوم الخميس ١٩)

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Norm. from Oct. 1 mms.
MEDITERRANEAN																		
SALÛM												—		—				100
MATRÛH	01	9	26	1	0	4	8	9.0	-5.3	26.8	30	+2	21	0	59	dl.	101	161
MARIUT	00	7	14	1	0	0	—	9	—	27	32	—	22	—	70	0	187	138
ALEXANDRIA	01	9	16	2	1	3	8	9.4	-4.7	26.2	34	+4	23	+1	66	0	170	187
DAMIETTA	00	8	16	2	0	0	—	10.2	-3.0	26.6	30	—	21	—	72	0	81	106
PORT SA'ÎD	00	8	14	1	0	0	—	10.3	-2.1	26.2	32	+2	23	0	69	0	71	81
EL 'ARÎSH	00	9	00	0	0	0	—	10.3	-2.9	28.3	31	+2	19	0	67	0	—	94
LOWER EGYPT																		
DAMANHÛR	00	6	16	3	0	0	—	11.0	-2.9	24.8	34	+3	21	+2	79	0	92	101
MANSÛRA	00	8	12	1	0	0	—	10.0	-3.6	26.5	34	+1	20	+1	67	0	66	55
TANTA	00	8	16	1	0	0	—	10.6	-3.4	25.9	33	0	19	+1	67	0	107	44
ZAGAZIG	00	6	24	1	0	0	—	9.9	-4.1	26.4	33	0	21	+4	75	0	24	27
SHEBÎN EL KÔM	00	8	10	1	0	0	—	9.6	-4.2	27.8	35	—	20	—	63	0	36	—
MIDDLE EGYPT																		
CAIRO ALMAZA	05	6	15	2	0	0	—	9.4	-4.2	30.0	33	—	22	—	47	0	10	—
CAIRO EZBEKÎYA	05	6	16	2	0	0	—	9.9	-3.7	26.0	34	+2	21	+1	58	0	22	26
CAIRO GÎZA	05	6	18	1	0	0	—	10.4	-3.3	27.0	33	+1	19	+2	57	0	41	27
HELWÂN	00	7	10	1	0	0	—	10.3	-3.1	27.0	34	+2	22	+2	47	0	20	29
SUEZ	00	9	00	0	0	0	—	11.0	-1.4	27.8	34	+1	19	-2	52	0	—	17
UPPER EGYPT																		
FAIYÛM	00	8	00	0	0	0	—	10.2	-3.5	27.0	36	+3	21	+2	60	0	13	8
MINYA	00	9	16	2	0	0	—	10.7	-2.3	28.3	35	+2	21	+2	47	0	dr.	—
ASYÛT	00	7	00	0	0	0	—	11.2	-1.2	28.0	35	+2	21	0	43	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	11.1	+0.1	29.1	35	—	18	—	50	0	1	—
QENA	00	8	28	2	0	0	—	10.3	-0.6	29.0	41	+3	23	+1	47	0	13	—
LUXOR	00	7	28	2	0	0	—	10.7	0.0	29.8	38	-2	22	+1	26	0	0	—
ASWÂN	00	9	06	1	0	0	—	10.7	+0.6	29.8	39	0	24	0	29	0	dr.	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	11.5	-4.0	24.2	35	0	17	-1	51	0	5	8
BAHARÎYA																	0	7
KHÂRGA	00	9	00	0	0	0	—	11.2	-0.7	26.7	37	0	21	0	45	0	1	—
DÂKHLA	00	8	28	2	0	0	—	12.0	-0.8	27.0	37	+1	20	0	31	0	0	—
RED SEA																		
TÔR	00	7	28	3	0	0	—	7.9	-2.1	27.9	34	+3	—	—	61	0	0	13
HURGHÂDA	00	8	28	3	0	0	—	—	—	30.7	34	+1	23	+1	27	0	1	3
QUSEIR	00	8	26	2	0	0	—	7.8	-2.3	30.7	34	+2	26	+1	20	0	11	4
PORT SÛDÂN	02	8	22	2	1	5	4	8		36					24	0	73	106
NORTH SÛDÂN																		
WÂDI HALFA	00	8	32	1	0	1	4	11		27					27	0	tr.	—
KAREIMA	01	8	04	3	1	5	4,5	9		31					19	0	25	27
'ATBARA	02	8	20	3	1	7	4,1	8		31					46	0	94	68
KHARTÛM																0	188	158
KASSALA	02	8	18	2	1	5	2	11		26					62	0	385	310
CENTRAL SÛDÂN																		
WAD MEDANI	02	9	20	4	1	6	3	11		26					62	0	487	379
RENK	01	8	08	3	1	5	6	12		24		—		—	74	—	—	490
ROSEIRES	02	8	17	2	2	6	6	—		22					94	1	753	787
EL OBEID	01	9	20	3	1	3	1	12		24					84	0	593	349
EL FÂSHER	02	8	00	0	1	7	4,5	—	—	23					89	0	256	306
GENEINA								—	—			—		—		—	—	551
KADUGLI												—		—		—	—	697
S. SÛDÂN																		
MALAKÂL	02	8	00	0	6	8	4,5	12		26					89	tr.	979	787
WÂU	02	8	00	0	1	5	6,4	13		22					94	2	1109	1046
JUBA	00	8	14	1	0	3	4,3	13		26					79	0	1159	924

UPPER WINDS ON 19th (الرياح العليا يوم ١٩)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT
h. m.	7h. m.	6h. 30m.	8h. 45m.	7h. m.	7h. m.
	031230	031020	021610	030000	020000
	062020	061005	052115	060000	052705
	092220	090610	102610	093510	103315
	152120	153330	152615	153030	152920
	212235		202515	212835	
	272435		252815	272730	
	302125		302720	302625	
			352640		
			372745		

LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	7h. m.	h. m.	7h. 30m.	7h. 15m.	6h. m.
	020210		090120		092240
	050235		153215	090530	152325
	103645			150630	210215
	153540			210530	240120
	203125			270820	300315
	252730			330610	330315
				390415	390830

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	7h. m.	7h. m.	h. m.	h. m.	7h. m.
	091415	092630			090605
	151305	153610			150305
	182505	213215			210705
		273515			271205
		330215			330515
		390730			390715

CYPRUS SYNOPTIC 8h. ON 19th
34710 00861 12101 10282 10105 00190
34850 00610 00000 09261 90401 00190

UPPER AIR TEMP. ALMÂZA AT 05½ G.M.T. ON 19th

HEIGHT (feet)	P.P.P (m.b.)	TT (°F)	tt (°F)
Surface	1000	76	68
500	978	78	66
1000	964	80	62
1500	947	78	56
2000	930	78	59
4000	864	67	55
6000	801	58	49
8000	743	48	42
10000	688	38	32
12000	636	36	27
14000	588	33	29
16000	542	23	32

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

ANNUAL SUBSCRIPTION P.T. 150

Sunset 17 h. 55 m.

DAILY WEATHER REPORT

Month SEPTEMBER 1946 — شهر سبتمبر ١٩٤٦

At 14 h. on THURSDAY 19th — الساعة ١٤ يوم الخميس ١٩

Station	Present Weather (WW)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 8-14 h. mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	01	9	04	3	1	4	8	8.6	28.4	69	0	131
MARIUT	00	7	27	3	0	0	—	9	31	49	0	150
ALEXANDRIA	00	9	28	2	0	0	—	9.2	31.3	47	0	132
DAMIETTA	00	8	04	3	0	2	8	9.2	30.7	41	0	159
PORT SA'ÎD	00	8	04	2	0	0	—	9.5	31.3	45	0	134
EL 'ARÎSH	00	9	30	4	0	0	—	9.6	28.7	52	0	135
LOWER EGYPT												
DAMANHÛR	01	7	24	4	1	3	8	8.8	34.6	28	0	136
MANSÛRA	01	8	20	1	1	4	8	9.1	35.2	28	0	137
TANTA	01	8	16	2	1	4	8	9.5	34.4	35	0	138
ZAGAZIG	00	6	24	1	0	0	—	9.5	35.4	32	0	139
SHEBÎN EL KÔM	00	8	22	3	0	0	—	9.2	36.7	27	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	01	8	30	2	1	4	8	8.6	35.0	41	0	141
CAIRO EZBEKÎYA	02	8	00	0	1	6	8	8.8	35.8	22	0	—
CAIRO GÎZA	01	7	22	1	1	4	8	9.3	37.1	27	0	—
HELWÂN	01	8	00	0	1	4	8	8.2	35.9	18	0	143
SUEZ	01	9	02	1	1	3	8	9.2	35.0	19	0	144
UPPER EGYPT												
FAIYÛM	01	8	24	1	1	4	8	8.6	36.0	23	0	153
MINYA	01	8	16	2	1	4	8	9.1	35.0	26	0	154
ASYÛT	00	8	22	1	0	0	—	9.4	35.9	40	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	9.0	35.4	30	0	164
QENA	00	9	22	2	0	0	—	9.4	37.0	32	0	156
LUXOR	00	7	26	2	0	0	—	9.6	36.7	27	0	157
ASWÂN	00	9	30	2	0	0	—	7.8	38.3	13	0	158
WESTERN DESERT												
SÎWA	00	8	24	4	0	0	—	11.1	32.0	54	0	148
BAHARÎYA	00	9	32	1	0	0	—	10.2	36.0	33	0	149
KHÂRGA	00	9	28	1	0	0	—	9.8	37.6	20	0	151
DAKHLA	00	9	28	2	0	0	—	7.6	36.0	25	0	152
RED SEA												
TÔR	00	7	27	3	0	0	—	7.8	34.5	58	0	145
HURGHÂDA	00	8	32	4	0	0	—	—	34.6	29	0	146
QUSEIR	00	8	32	2	0	0	—	8.3	33.2	46	0	147
PORT SÛDÂN	02	8	06	3	1	6	4,5	6	37	27		168
NORTH SÛDÂN												
WÂDI HALFA	00	8	02	3	0	1	1	8	38			165
KAREIMA	02	8	08	2	1	5	4,5	7	36	20		166
'ATBARA	01	8	20	2	1	4	8,4	5	39	24		167
KHARTÛM	00	8	20	4	1	2	1	5	37	29		169
KASSALA	00	8	28	1	1	2	8	4	37	27		170
CENTRAL SÛDÂN												
WAD MEDANI	00	8	20	2	1	3	8	6	36	33		171
RENK												182
ROSEIRES	10	8	17	2	1	4	8	9	32	52		172
EL OBEID	02	9	18	2	1	6	9,2	8	32	49		174
EL FÂSHER												175
GENEINA												179
KADUGLI												187
S. SÛDÂN												
MALAKÂL	01	9	30	2	4	4	8,4	9	30	59		176
WÂU	01	8	10	2	1	5	8,1	8	32	46		177
JUBA	01	8	28	2	1	4	8	8	33	47		178

At 20 h. on 19th — الساعة ٢٠ يوم الخميس ١٩

Station	Present Weather (WW)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 14-20 h. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	01	8	00	0	1	4	8	10.0	26.0	81	0
MARIUT	00	7	04	1	0	0	—	10	24	79	0
ALEXANDRIA	00	5	00	0	0	0	—	10.7	27.2	65	0
DAMIETTA	00	7	06	1	1	0	—	9.9	27.0	69	0
PORT SA'ÎD	00	8	04	2	0	0	—	10.3	27.1	70	0
EL 'ARÎSH	00	9	12	5	0	0	—	11.0	24.1	85	0
LOWER EGYPT											
DAMANHÛR	00	7	24	2	0	0	—	9.6	25.3	74	0
MANSÛRA	00	6	02	1	1	0	—	10.4	26.3	69	0
TANTA	00	8	20	1	1	0	—	11.0	26.0	70	0
ZAGAZIG	00	6	24	2	0	0	—	9.9	28.0	63	0
SHEBÎN EL KÔM	00	7	30	2	0	0	—	9.4	26.3	61	0
MIDDLE EGYPT											
CAIRO ALMÂZA	01	7	00	0	1	3	8	9.5	32.2	31	0
CAIRO EZBEKÎYA	00	6	02	2	0	2	8	10.2	29.7	44	0
CAIRO GÎZA	01	7	00	0	1	3	8	9.0	29.2	57	0
HELWÂN	00	6	00	0	0	0	—	9.6	29.8	31	0
SUEZ	00	9	00	0	0	0	—	10.4	29.4	46	0
UPPER EGYPT											
FAIYÛM	00	8	00	0	0	0	—	9.5	26.5	57	0
MINYA	00	8	16	1	1	0	—	9.5	29.0	46	0
ASYÛT	00	6	20	1	0	0	—	9.9	26.8	47	0
NAG' HAMÂDI											
QENA	00	6	24	1	0	0	—	8.6	32.4	28	0
LUXOR	00	6	28	1	0	0	—	9.4	27.3	36	0
ASWÂN	00	9	00	0	0	0	—	9.4	35.0	15	0
WESTERN DESERT											
SÎWA	00	—	00	0	0	0	—	11.2	27.5	55	0
BAHARÎYA	00	—	32	1	0	0	—	12.4	26.0	62	0
KHÂRGA	00	9	00	0	0	0	—	9.6	33.2	27	0
DAKHLA	00	7	28	1	0	0	—	12.3	26.6	32	0
RED SEA											
TÔR	00	7	28	3	0	0	—	8.6	34.9	52	0
HURGHÂDA	00	8	26	3	0	0	—		27.4	29	0
QUSEIR	00	8	32	2	0	0	—	8.4	31.5	31	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 19th — الرياح العليا يوم ١٩

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH 13h.30m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13h. m.	KAREIMA 12h.45m.	KHARTÛM 13h.15m.	KASSALA 13h. m.	EL OBEID 13h. m.	MALAKAL 13h. m.	JUBA 13h. m.
03 06 10							09 03 30	09 05 30	09 23 15	09 31 10	09 18 25	09 01 20	09 07 10
06 36 05							15 01 50	15 04 25	15 24 20	15 30 05	15 20 30	15 02 30	15 04 10
✓								21 03 15	21 21 15	21 28 05	21 22 20	21 05 20	21 05 15
								27 01 15	24 33 20	27 35 10	24 22 20	27 06 10	27 07 20
								33 02 15		33 36 05		33 02 10	33 05 05
								39 01 20				39 31 05	39 05 05
													✓

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 19th	Humidity Diff from normal	Wet Bulb Temp °C on 19th	Wet Bulb Temp Diff from normal
Alexandria	63	-4	22.5	+1.0
Ezbekîya	45	-19	20.9	-0.2
Gîza	52	-15	22.8	+2.0
Helwân	35	-19	19.6	+0.3

GÎZA — GRASS MINIMUM TEMP. ON 20th 16.3 °C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 20th 27.3 °C

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	20th	10702	7597
	19th	10700	7597

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				13.68	-0.14
Nâsser				10.86	+0.54
Malakâl		12.80	+0.67	12.79	+0.67
J. Aulia Res.				377.35	—
J. Aulia D.S				375.65	+0.44
Roseires	20th	18.60	+0.32	18.90	+0.57
Sennar Res.		17.20	—	17.19	—
Khartûm		15.92	+0.50	16.14	+0.70
Kh. el Girba		13.10	-0.02	13.10	-0.11
Atbara		15.22	+0.54	15.22	+0.51
Kajnarti		142.76	+1.49	142.91	+1.58
Aswân Res.		116.70	—	116.89	—
Aswân D.S		93.60	+1.64	93.60	+1.61
Roda (Cairo)		20.25	+1.60	20.23	+1.58

Printed by the Survey of Egypt, 1945 (45/306)

DAILY WEATHER REPORT

شهر سبتمبر ١٩٤٦

At 8 h. on FRIDAY 20th — الساعة ٨ يوم الجمعة ٢٠

Station	Present Weather (WW)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Dry Bulb °C (TTT)	Maximum Yesterday °C (MM)	Maximum Diff. from norm. °C	Minimum Today °C (mm)	Minimum Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms	Rainfall Total From Oct. 1 mms	Rainfall Norm. From Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				100
MATRÛH	01	9	28	1	1	4	8	12.4	-1.1	26.8	29	+1	22	+1	78	0	101	161
MARIUT	00	7	00	0	0	0	—	12	—	27	34	—	19	—	70	0	187	128
ALEXANDRIA	00	8	00	0	0	0	—	11.8	-2.4	28.0	33	+3	23	+1	57	0	170	187
DAMIETTA	00	8	12	3	0	0	—	11.4	-1.9	28.9	32	—	25	—	63	0	81	106
PORT SA'ÎD	00	8	04	1	0	0	—	12.0	-0.5	27.6	32	+2	25	+2	65	0	71	81
EL 'ARÎSH	00	9	12	1	0	0	—	—	—	27.7	31	+2	19	0	65	0	—	94
LOWER EGYPT																		
DAMANHÛR	00	6	20	2	0	0	—	11.4	-2.6	26.2	35	+4	21	+2	82	0	92	101
MANSÛRA	00	8	04	1	0	0	—	11.6	-2.1	27.5	36	+3	22	+3	63	0	66	55
TANTA	00	8	00	0	0	0	—	11.9	-2.2	26.8	36	+3	20	+2	67	0	107	44
ZAGAZIG	00	6	08	1	0	0	—	11.1	-2.9	26.8	36	+3	21	+4	65	0	24	27
SHEBÎN EL KÔM	00	8	18	1	0	0	—	10.6	-3.4	27.8	38	—	20	—	63	0	36	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	20	1	0	0	—	11.2	-2.5	30.0	37	—	22	—	27	0	10	—
CAIRO EZBEKÎYA	05	6	16	1	0	0	—	11.6	-2.1	26.2	37	+5	22	+2	43	0	22	26
CAIRO GÎZA	00	6	10	1	0	0	—	11.6	-2.2	27.2	38	+7	19	+2	56	0	41	27
HELWÂN	00	7	00	0	0	0	—	11.6	-2.0	27.9	36	+4	23	+3	28	0	20	29
SUEZ	00	9	14	1	0	0	—	12.8	+0.3	30.8	36	+3	22	+1	46	0	—	17
UPPER EGYPT																		
FAIYÛM	00	8	26	1	0	0	—	12.2	-1.6	26.9	37	+4	20	+1	45	0	13	8
MINYA	00	9	32	2	0	0	—	12.7	-0.4	26.9	37	+4	21	+2	59	0	tr.	—
ASYÛT	00	7	22	1	0	0	—	13.0	+0.5	28.0	37	+4	21	0	33	0	0	4
NAG' HAMÂDI												—		—			1	—
QENA	00	8	28	1	0	0	—	12.4	+1.4	29.8	38	+1	22	0	37	0	13	—
LUXOR	00	7	28	2	0	0	—	12.4	+1.6	29.8	37	-2	21	0	31	0	0	—
ASWÂN	00	9	28	2	0	0	—	12.3	+2.1	30.0	39	0	25	+1	28	0	tr.	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	13.6	-2.0	25.6	33	-2	18	0	71	0	5	8
BAHARÎYA	00	9	00	0	0	0	—	12.2	-2.3	28.2	37	+4	21	+3	56	0	0	7
KHÂRGA	00	9	28	1	0	0	—	12.8	+0.8	27.7	38	+2	20	-1	38	0	1	—
DÂKHLA	00	8	28	1	0	0	—	13.9	+1.0	27.5	38	+2	22	+2	33	0	0	—
RED SEA																		
TÔR	00	7	28	3	0	0	—	11.8	+0.9	27.9	35	+4	—	—	55	0	0	13
HURGHÂDA	00	8	28	2	0	0	—		—	32.2	36	+4	23	+1	19	0	1	3
QUSEIR	00	8	28	2	0	0	—			32.4	36	+4	27	+2	19	0	11	4
PORT SÛDÂN	02	8	30	2	1	6	4,5	10.6	+0.4	34					30	0	73	106
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	2	0	1	4	12		28					37	0	tr.	—
KAREIMA	01	7	24	1	1	5	4	11		30					27	0	25	27
'ATBARA	02	8	22	0	1	5	4,1	10		30					49	1	95	68
KHARTÛM	01	8	12	3	6	3	4,1	9		29					52	28	216	158
KASSALA	01	8	16	1	1	4	4,2	12		26					62	0	385	311
CENTRAL SÛDÂN																		
WAD MEDANI	02	9	14	2	1	7	—	12		27					58	0	487	381
RENK												—		—		—	—	493
ROSEIRES	02	7	24	1	2	6	6	—		22					94	23	776	791
EL OBEID	02	9	32	4	1	5	4	13		23					84	0	593	351
EL FÂSHER	00	9	00	0	0	0	—	—	—	22					69	0	256	306
GENEINA	01	8	04	1	0	3	4	—	—	21		—		—	83	—	—	553
KADUGLI												—		—		—	—	702
S. SÛDÂN																		
MALAKÂL	01	8	00	0	1	3	4	11		24					79	0	979	791
WÂU																0	1109	1051
JUBA	01	8	12	3	1	5	8,4	13		24					84	0	1159	928

UPPER WINDS ON 20th — الرياح العليا يوم ٢٠

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT 7h.30m.	PORT SA'ÎD h. m.	HELWÂN h. m.	MINYA 6h.30m.	ASYÛT h. m.	LUXOR 7h.30m.	ASWÂN h. m.	WÂDI HALFA h. m.	ABU HAMAD 7h. m.	KAREIMA 7h. m.	KHARTÛM 6h. m.
	03 36 15			03 01 10		03 12 05			09 03 40	09 36 10	09 21 15
	06 17 15			06 33 05		06 19 20			15 04 30	15 02 15	15 14 20
	09 16 20			09 29 10		09 16 20			21 04 20	21 06 15	21 11 15
				15 26 20		12 15 30				24 09 15	
				21 35 20		15 14 30				30 12 15	
				27 34 20		21 14 55					
				30 34 25		24 13 45					

KASSALA 6h.45m.	PORT SÛDÂN 7h.30m.	EL OBEID 8h. m.	EL FÂSHER 7h. m.	GENEINA 7h. m.	MALAKAL h. m.
09 30 10	09 01 40	09 16 30	09 04 45	09 05 15	
15 26 05	15 36 30	15 14 10	15 07 35	15 07 15	
21 23 10	21 02 15	21 06 05	21 12 20	21 07 15	
	27 05 25	27 04 20	24 12 15	27 09 10	

CYPRUS SYNOPTIC 8h. ON 20th.

34700 00990 08100 12271 70107 00170

34800 00890 28200 12242 10203 00080

UPPER AIR TEMP. ALMÂZA AT 6h G.M.T. ON 20th.

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	1001	78	65
500	983	81	63
1000	965	82	63
1500	948	81	62
2000	931	79	61
4000	864	68	55
6000	802	58	47
8000	744	50	37
10000	689	45	31
12000	637	42	27
14000	589	36	28
16000	543	31	25

ANNUAL SUBSCRIPTION P.T. 150

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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.

DAILY WEATHER REPORT

Sunset 17 30 — Month SEPTEMBER 1946 — شهر سبتمبر ١٩٤٦

At 14h. on FRIDAY 20th (الساعة ١٤ يوم ١٩) — At 20h. on 19th (الساعة ٢٠ يوم الجمعة ٢٠)

Station	14h ww	V	DD	F	W	N	C	PPP	TTT	UU	Rain 8-14 mms	20h ww	V	DD	F	W	N	C	PPP	TTT	UU	Rain 14-20 mms	Station Number
MEDITERRANEAN: Salûm																							130
Matrûh	01	9	32	2	1	4	8	12.8	28.0	67	0	00	8	04	1	1	3	8	15.5	26.2	76	0	131
Mariut	00	7	32	2	0	1	8	12	32	43	0	00	7	02	1	1	0	2	14	26	74	0	150
Alexandria	00	9	04	3	0	0	—	12.2	31.2	52	0	01	5	04	1	1	3	4	15.1	27.7	77	0	132
Damietta	00	8	04	3	1	2	8	11.2	31.5	50	0	00	7	06	3	0	0	—	13.6	27.4	71	0	159
Port Sa'îd	00	8	04	2	0	0	—	11.4	32.3	45	0	00	8	08	2	0	0	—	13.8	28.0	74	0	134
El 'Arîsh	00	9	30	3	0	0	—	—	29.2	59	0	00	9	04	4	0	0	—	12.8	28.2	73	0	135
LOWER EGYPT: Damanhûr	01	7	32	3	1	3	8	12.8	31.2	42	0	00	7	04	3	0	0	—	12.8	24.8	72	0	136
Mansûra	00	8	18	2	0	0	—	11.6	35.2	30	0	00	6	02	3	0	0	—	13.8	26.6	78	0	137
Tanta	00	8	28	2	0	0	—	11.9	34.6	27	0	00	8	00	0	0	0	—	14.7	27.0	68	0	138
Zagazig	00	6	20	2	0	0	—	11.6	35.2	34	0	00	6	24	2	0	0	—	14.3	27.2	63	0	139
Shebîn el Kôm	00	8	14	3	0	0	—	10.7	36.9	23	0	00	7	04	2	0	0	—	13.2	26.6	77	0	—
MIDDLE EGYPT: Cairo Almâza	00	7	20	4	0	0	—	10.8	35.5	14	0	00	7	14	1	0	0	—	12.6	30.9	27	0	141
Cairo Ezbekîya	00	8	18	3	0	0	—	11.4	35.6	22	0	00	6	00	0	0	0	—	12.8	30.2	39	0	—
Cairo Gîza	00	7	18	2	0	0	—	11.6	36.6	23	0	00	7	00	0	0	0	—	12.8	28.8	51	0	—
Helwân	00	8	20	3	0	0	—	11.4	34.8	20	0	00	7	00	0	0	0	—	13.1	29.8	31	0	143
Suez	00	9	14	1	0	0	—	11.5	35.6	28	0	00	9	28	1	0	0	—	12.7	30.0	21	0	144
UPPER EGYPT: Faiyûm	00	8	22	2	0	0	—	11.4	35.2	25	0	00	8	22	1	0	0	—	12.3	26.8	69	0	153
Minya	00	9	32	2	0	0	—	10.6	34.7	29	0	00	9	32	1	0	0	—	11.5	29.0	40	0	154
Asyût	00	8	28	1	0	0	—	11.9	32.9	26	0	00	6	30	1	0	0	—	11.6	29.3	42	0	155
Nag' Hamâdi																							164
Qena	00	9	22	2	0	0	—	—	37.6	33	0	00	6	24	2	0	0	—	11.2	30.4	41	0	156
Luxor	00	7	30	2	0	0	—	11.1	38.0	31	0	00	6	28	2	0	0	—	11.2	32.4	33	0	157
Aswân	00	9	08	3	0	0	—	9.5	39.0	14	0	00	9	00	0	0	0	—	11.4	36.0	17	0	158
WESTERN DESERT: Sîwa	00	8	00	0	0	0	—	13.8	34.6	25	0	00	—	00	0	0	0	—	14.7	27.4	60	0	148
Baharîya	00	9	32	1	0	0	—	11.5	35.0	32	0	00	—	00	0	0	0	—	13.8	26.5	66	0	149
Khârga	00	9	30	1	0	0	—	12.0	39.0	17	0	00	—	00	0	0	0	—	11.9	35.3	36	0	151
Dakhla	00	9	28	1	0	0	—	9.6	36.5	21	0	00	7	28	1	0	0	—	14.0	27.0	31	0	152
RED SEA: Tôr	00	7	28	2	0	0	—	10.8	35.1	61	0	00	7	28	4	0	0	—	8.7	31.1	49	0	145
Hurghâda	00	8	06	2	0	0	—	—	34.6	27	0	00	8	00	0	0	0	—	—	29.4	53	0	146
Quseir	00	8	02	2	0	0	—	11.0	34.2	51	0	00	8	32	1	0	0	—	10.6	31.6	40	0	147
Port Sûdân	01	8	04	4	1	4		8	37	40	0												169
NORTH SÛDÂN: Wâdi Halfa	00	8	02	3	0	1	1	9	39	10	0												165
Kareima	00	8	04	3	0	2	2	7	40	08	0												166
'Atbara																							167
Khartûm	01	8	04	3	1	3	1	7	35	39	0												168
Kassala	01	8	30	1	1	4	1	6	37	33	0												170
CENTRAL SÛDÂN: Wad Medani																							171
Renk	01	9	28	3	1	4	4	6	30	59	0												182
Roseires	00	8	20	1	0	0	—	8	32	49	0												172
El Obeid																							174
El Fâsher	00	8	32	4	0	0	—	—	35	10	0												175
Geneina	00	8	06	3	0	2	4	—	33	32	0												179
Kadugli																							187
S. SÛDÂN: Malakâl	02	8	00	0	1	6	4,5	8	30	62	0												176
Wâu																							177
Juba	01	8	04	1	1	4	8	7	33	41	0												178

At 8h. on SATURDAY 21st (الساعة ٨ يوم السبت ٢١)

Station	ww	V	DD	F	W	N	C	M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb °C	Max Yesterday °C	Diff. from norm. °C	Min Today °C	Diff. from norm. °C	% Humidity	Rain past 24 hrs mms	Total from Oct. 1 mms	Norm. from Oct 1 mms
MEDITERRANEAN: Salûm												—		—				100
Matrûh	00	9	00	0	0	3	8	16.3	+1.7	28.8	29	+1	22	+1	68	0	101	161
Mariut	01	7	00	0	0	4		15	—	30	32	—	21	—	66	0	187	138
Alexandria	01	8	00	0	2	4	8	16.0	+1.7	28.0	33	+3	23	+1	71	0	170	187
Damietta	01	8	02	2	4	4	8	15.0	+1.5	28.0	34	—	25	—	77	0	81	106
Port Sa'îd	00	8	04	2	0	1	6	15.4	+3.8	28.9	34	+4	26	+3	71	0	71	81
El 'Arîsh	00	9	16	1	0	0	—	15.4	+2.0	29.9	31	+2	20	+1	61	0	—	94
LOWER EGYPT: Damanhûr	00	6	12	2	0	3	8	15.4	+1.2	26.3	34	+3	20	+1	88	0	92	101
Mansûra	01	8	22	1	1	3	8	15.5	+1.7	28.5	36	+3	23	+4	74	0	66	55
Tanta	00	8	00	0	0	0	—	15.9	+1.7	27.0	35	+3	21	+4	84	0	107	44
Zagazig	00	6	20	2	0	0	—	15.2	+1.0	26.8	35	+3	21	+4	85	0	24	27
Shebîn el Kôm	00	8	30	2	0	0	—	14.8	+0.7	27.9	37	—	21	—	78	0	36	
MIDDLE EGYPT: Cairo Almaza	05	6	00	0	0	0	—	16.2	+2.4	25.3	37	—	22	—	79	0	10	—
Cairo Ezbekîya	09	5	28	1	0	0	—	15.6	+1.8	26.3	37	+5	22	+2	80	0	22	26
Cairo Gîza	00	6	30	1	0	0	—	15.6	+1.7	25.5	37	+6	20	+3	80	0	41	27
Helwân	05	5	00	0	0	0	—	15.4	+1.7	24.4	36	+4	22	+2	72	0	20	29
Suez	00	9	32	1	0	0	—	15.5	+2.9	28.0	37	+4	23	+2	50	0	—	17
UPPER EGYPT: Faiyûm	00	8	00	0	0	0	—	15.4	+1.5	26.9	36	+3	21	+2	72	0	13	8
Minya	00	9	32	2	0	0	—	14.4	+1.2	28.0	37	+5	20	+1	63	0	tr	—
Asyût	00	7	22	1	0	0	—	15.0	+2.4	28.2	34	+1	23	+3	45	0	0	4
Nag' Hamâdi	00	8	00	0	0	0	—	14.4	+3.2	30.0	36	—	18	—	56	0	1	—
Qena	00	8	24	1	0	0	—	13.6	+2.4	28.8	39	+2	23	+2	53	0	13	—
Luxor	00	7	28	1	0	0	—	13.2	+2.3	30.0	39	[illegible]	23	+2	41	0	0	—
Aswân	00	8	00	0	0	0	—	13.6	+3.3	30.8	40	+1	25	+1	22	0	tr	8
WESTERN DESERT: Sîwa	00	7	00	0	0	0	—	16.3	+0.6	27.0	35	0	20	+3	78	0	5	7
Baharîya	00	9	32	1	0	0	—	15.6	+1.0	27.5	36	+3	20	+2	54	0	0	
Khârga	00	9	30	1	0	0	—	14.3	+2.2	28.9	40	+4	21	0	52	0	1	—
Dâkhla	00	8	24	1	0	0	—	15.9	+3.0	29.0	39	+3	23	+3	34	0	0	—
RED SEA: Tôr	00	7	00	0	0	0	—	11.9	+1.6	27.9	35	+4	—	—	57	0	0	13
Hurghâda	00	8	28	2	0	0	—	—	—	31.8	35	+3	23	+1	24	0	1	3
Quseir	00	8	30	1	0	0	—	11.6	+1.3	31.0	35	+3	27	+2	25	0	11	4
Port Sûdân	00	9	04	1	1	3	3	10		34					53	0	73	106
NORTH SÛDÂN: Wâdi Halfa	00	8	02	3	0	2	4	13		39					18	0	tr	—
Kareima	00	8	04	3	1	3	4,2	10		32					21	0	25	27
'Atbara	00	7	22	4	1	2	4	10		32					28	0	95	68
Khartûm	00	8	00	0	0	2	4	10		28					66	0	216	159
Kassala	01	8	18	1	1	3	4	10		30					59	0	385	313
CENTRAL SÛDÂN: Wad Medani	01	9	18	2	1	4	4	10		28					66	0	487	382
Renk	01	9	20	3	1	4	4	10		28		—		—	70	—	—	496
Roseires	00	8	12	1	0	0	—	—		24					84	0	776	793
El Obeid	00	9	00	0	0	3	1	11		26					74	0	593	353
El Fâsher	00	8	00	0	0	3	1	—	—	26					58	0	256	307
Geneina	00	8	02	2	0	3	4	—	—	21		—		—	74	0	—	555
Kadugli												—		—		—	—	706
S. SÛDÂN: Malakâl	02	8	00	0	1	7	4,5	11		24					89	0	979	795
Wâu	02	8	20	2	0	3	4	12		28					70	[illegible]	1123	1056
Juba	01	8	00	0	0	4	8	13		25					79	0	1159	931

Upper Winds on 20th (الرياح العليا يوم ٢٠)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh (h. m.)	Mariut (12h. 30m.)	Port Sa'îd (12h. 30m.)	Almâza (h. m.)	Minya (12h. 45m.)	Luxor (12h. 30m.)	Hurghâda (h. m.)	Wâdi Halfa (h. m.)	Kareima (13h. 15m.)	Khartûm (12h. 30m.)	Kassala (h. m.)	El Obeid (h. m.)	Malakal (13h. m.)	Juba (13h. m.)
	03 28 16	03 13 15		03 28 05	03 02 10			09 02 20	09 05 10			09 04 05	09 09 20
	06 22 05	06 16 25		06 26 15	06 02 10			15 03 30	15 05 30			15 03 10	15 12 10
	09 18 10	09 18 25		09 28 20	09 35 15			21 03 20	21 05 20			21 05 05	21 12 15
	15 20 15	15 18 20		15 26 20	12 34 30			27 09 15	24 07 25			27 05 15	27 13 15
	21 17 10	18 20 20		21 24 55	15 29 20			33 05 20	27 04 15				33 13 20
	30 34 25			30 27 55	21 30 45			39 08 15	30 05 10				39 11 20
	36 31 20				30 31 25								

Upper Winds on 21st (الرياح العليا يوم ٢١)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh (h. m.)	Mariut (6h. 45m.)	Port Sa'îd (6h. 30m.)	Helwân (9h. m.)	Minya (h. m.)	Asyût (7h. m.)	Luxor (h. m.)	Aswân (h. m.)	Wâdi Halfa (h. m.)	Abu Hamad (7h. 15m.)	Kareima (7h. m.)	Khartûm (6h. 30m.)
	03 04 05	03 07 15	02 33 10		02 34 05	03 33 15			09 02 50	06 03 55	09 27 05
	06 01 05	06 13 10	05 02 15		05 32 05	06 35 30			15 02 55	15 06 20	15 35 15
	09 33 15	09 20 05	08 03 10		10 33 20	09 34 35			21 03 65	21 07 20	21 33 20
	12 31 25	15 22 05	10 01 15			15 34 30				27 07 20	24 32 20
	15 29 20	18 26 05	15 36 15			18 34 35				33 06 30	30 02 20
	21 26 15	21 25 20	20 09 05							39 07 20	
	27 22 15	27 25 20	23 10 15								
	30 27 20	33 25 30	25 29 20								
	39 24 35	36 24 35	30 24 30								

Kassala (6h. 45m.)	Port Sûdân (7h. m.)	El Obeid (h. m.)	El Fâsher (7h. 15m.)	Geneina (7h. m.)	Malakal (7h. m.)
09 18 10	09 09 40		09 07 05	09 13 10	09 07 40
15 16 05	15 02 45		15 21 15	15 12 10	15 08 30
21 12 05	21 03 30			21 10 60	21 08 20
27 05 05	27 06 30			24 09 50	27 14 30
33 03 05					33 19 20

Upper Air Temp.

Almâza at 5h G.M.T. on 21st

Height (feet)	P.P.P (m.b.)	TT (°F)	tt (°F)
Surface	1006	76	67
500	989	77	68
1000	970	81	64
1500	952	80	64
2000	935	76	62
4000	869	62	56
6000	806	58	50
8000	747	56	41
10000	692	51	39
12000	640	45	32
14000	591	36	26
16000	545	28	22

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Mean of day

Station	Humidity % on 20th	Diff from normal	Wet bulb temp °C on 20th	Diff from normal
Alexandria	65	−2	23.7	+2.3
Ezbekiya	35	−29	20.0	−1.1
Giza	49	−18	21.6	+0.8
Helwân	26	−28	18.6	−0.7

GÎZA — Grass minimum temp. on 21st 18.7°C

CAIRO — Water temp. at 8h. River Nile on 21st 27.2°C

Discharges at Aswân measured by sluices m³ per sec.	1946	1945
21-9	10713	7851
20-9	10702	7597

Gauge

Gauge	Date (1946)	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	21-9-46				
Nâsser		—	—	—	—
Malakâl		12.80	+0.66	12.80	+0.67
J. Aulia Res.		—	—	—	—
J. Aulia D.S		—	—	—	—
Roseires		18.70	+0.46	18.60	+0.82
Sennar Res.		—	—	17.20	—
Khartûm		—	—	15.92	+0.50
Kh. el Girba		—	—	12.10	−0.02
'Atbara		—	—	15.22	+0.54
Kajnarti		142.55	+1.32	142.76	+1.49
Aswân Res.		116.43	—	116.70	—
Aswân D.S		92.64	+1.67	92.64	+1.64
Roda (Cairo)		20.27	+1.63	20.26	+1.60

Cyprus Synoptic 8h. on 21st
34700 00990 06200 15271 80105 00100
34800 00990 26300 15241 90401 20190

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	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 Amount (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

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.

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

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MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Time of Sunrise 05 h. 43 m.
Sunset 17 h. 53 m.

Month SEPTEMBER 1946 — شهر سبتمبر ١٩٤٦

At 14h. on SATURDAY 21st — الساعة ١٤ يوم ٢١ السبت — At 20h. on 21st — الساعة ٢٠ يوم ٢١

STATION	14h. PRESENT WEATHER ww	14h. VISIBILITY v	14h. WIND Dir. DD	14h. WIND Force F	14h. PAST WEATHER W	14h. CLOUD Amount N	14h. CLOUD Form C	14h. BAR PRESS M.S.L. 1000+ mbs. PPP	14h. °C TEMP. TTT	14h. % HUMIDITY UU	14h. RAIN 8-14 mms	20h. PRESENT WEATHER ww	20h. VISIBILITY v	20h. WIND Dir. DD	20h. WIND Force F	20h. PAST WEATHER W	20h. CLOUD Amount N	20h. CLOUD Form C	20h. BAR PRESS M.S.L. 1000+ mbs. PPP	20h. °C TEMP. TTT	20h. % HUMIDITY UU	20h. RAIN 14-20 mms	STATION NUMBER
MEDITERRANEAN — SALÛM																							130
MATRÛH	00	9	32	2	0	3	8	16.0	28.4	73	0	00	8	06	2	0	0	—	17.1	26.2	79	0	131
MARIUT	01	7	30	3	0	3	8	16	30	62	0	00	7	01	1	0	0	—	17	25	74	0	150
ALEXANDRIA	01	9	32	1	2	4	8	16.0	31.0	56	0	00	5	08	2	0	0	—	17.6	27.0	64	0	132
DAMIETTA	01	8	04	3	1	3	8	14.7	29.2	66	0	00	6	28	1	1	2	8	16.0	26.5	78	0	159
PORT SA'ID	00	8	04	3	0	0	—	15.2	31.3	61	0	00	8	30	2	0	0	—	16.6	27.2	74	0	134
EL 'ARÎSH	00	9	04	3	0	0	—	14.4	30.1	62	0	00	9	32	4	0	0	—	15.2	27.7	71	0	135
LOWER EGYPT — DAMANHÛR	01	7	32	4	1	4	8	15.6	31.3	58	0	00	6	32	2	0	0	—	16.6	25.3	78	0	136
MANSÛRA	01	8	32	2	1	4	8	14.7	34.0	39	0	00	6	02	1	1	0	—	16.8	26.6	78	0	137
TANTA	01	8	32	1	1	3	8	15.2	33.6	43	0	00	8	00	0	0	0	—	17.1	26.6	77	0	138
ZAGAZIG	00	6	24	2	0	0	—	14.8	33.9	45	0	00	6	28	2	0	0	—	16.3	26.2	76	0	139
SHEBÎN EL KÔM	01	8	02	2	1	4	8	—	35.6	41	0	00	7	30	2	0	0	—	15.8	26.6	83	0	—
MIDDLE EGYPT — CAIRO — ALMÂZA	00	8	30	2	0	1	8	14.1	32.4	36	0	00	7	04	3	0	0	—	16.1	28.8	53	0	141
EZBEKÎYA																							—
GÎZA	30	7	30	1	0	0	—	14.7	34.0	34	0	00	7	02	2	0	0	—	16.2	29.0	57	0	—
HELWÂN	00	8	28	3	0	0	—	14.4	33.0	32	0	00	7	32	4	0	0	—	16.4	28.0	65	0	143
SUEZ	00	9	30	1	0	0	—	15.1	36.0	17	0	00	9	30	2	0	0	—	16.0	29.4	50	0	144
UPPER EGYPT — FAIYÛM	00	8	32	2	0	2	8	14.2	34.0	31	0	00	8	02	1	0	0	—	15.6	28.0	55	0	153
MINYA	00	9	32	2	0	0	—	13.2	35.0	29	0	00	9	32	3	0	0	—	14.6	31.0	41	0	154
ASYÛT	00	8	32	1	0	0	—	13.0	35.6	26	0	00	6	30	1	0	0	—	14.4	30.8	44	0	155
NAG' HAMÂDI	00	8	24	1	0	0	—	11.8	36.0	29	0	00	8	24	1	0	0	—	12.6	30.3	38	0	164
QENA	00	9	24	1	0	0	—	9.6	39.0	29	0	00	6	24	2	0	0	—	10.7	32.0	42	0	156
LUXOR												00	6	28	2	0	0	—	12.3	33.3	25	0	157
ASWÂN	00	9	32	3	0	0	—	10.8	38.4	14	0	00	9	00	0	0	0	—	11.9	36.3	14	0	158
WESTERN DESERT — SÎWA	00	8	00	0	0	0	—	16.2	35.3	51	0	00	—	00	0	0	0	—	15.5	30.0	63	0	148
BAHARÎYA												00	—	00	0	0	0	—		27.0	63	0	149
KHÂRGA	00	9	32	3	0	0	—	11.8	38.8	15	0	00	—	32	1	0	0	—	13.1	35.5	21	0	151
DAKHLA	00	9	24	1	0	0	—	11.4	38.0	19	0	00	7	32	2	0	0	—	15.6	28.8	35	0	152
RED SEA — TÔR	00	7	28	5	0	0	—	11.5	32.1	43	0	00	7	28	3	0	0	—	—	34.5	59	0	145
HURGHÂDA	00	8	02	3	0	0	—	—	34.3	36	0	00	8	06	1	0	0	—	—	29.2	44	0	146
QUSEIR	00	8	32	2	0	0	—	11.4	35.2	42	0	00	8	02	1	0	0	—	10.8	32.6	41	0	147
PORT SÛDÂN	00	8	06	3	0	2	3	9	34	53													208
NORTH SÛDÂN — WÂDI HALFA	00	8	02	4	0	2	4	10	40	14													165
KAREIMA	00	8	04	3	0	1	4	7	40	14													166
'ATBARA	02	8	31	3	1	5	4	6	41	10													167
KHARTÛM	02	8	08	2	1	5	8,4	7	33	34													209
KASSALA	00	8	24	2	1	0	—	5	39	24													170
CENTRAL SÛDÂN — WAD MEDANI	01	8	08	2	1	4	6	6	36	31													171
RENK																							182
ROSEIRES	00	8	16	1	0	0	—	—	33	53													172
EL OBEID	02	9	32	1	1	5	8,4	6	34	36													174
EL FÂSHER	01	8	04	4	1	4	8,1	—	36	17													175
GENEINA																							179
KADUGLI	02	8	12	2	1	6	4	—	30	55													187
S. SÛDÂN — MALAKÂL																							176
WÂU																							177
JUBA																							178

UPPER WINDS ON 21st — الرياح العليا يوم ٢١

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.
		12h.30m.		12h.45m.	12h.30m.			13h. m.	13h. m.	13h. m.	12h.30m.		
		01 02 15		02 35 20	03 35 10			09 00 30	09 04 20	09 28 05	09 09 05		
		06 02 15		06 35 55	06 32 15			15 03 30	15 05 30	15 31 05	15 05 10		
		09 08 05		09 35 20	09 34 20			21 05 15	21 07 35	21 12 05	21 06 35		
				15 33 35	15 34 15			27 05 15	27 07 30	27 09 05	27 09 05		
				21 32 30	21 35 30			33 05 05		33 04 30	33 09 40		
				24 30 30	30 36 30			39 04 40		39 07 20	39 09 15		
				27 31 30									
				30 30 50									

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	22nd	100.59	78.51
	21st	107.13	78.51

STATION	Mean of day HUMIDITY % on 21st	Diff from normal	WET BULB TEMP °C on 21st	Diff from normal
Alexandria	60	-7	23.6	+2.2
Ezbekîya				
Gîza	63	-4	22.8	+2.1
Helwân	64	+10	21.8	+2.6

GÎZA — GRASS MINIMUM TEMP. ON 22nd 18.7 °C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 22nd 27.4 °C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				10.55	-0.23
Nasser					
Malakâl				12.80	+0.66
J. Aulia Res.				377.19	—
J. Aulia D.S				375.52	+0.35
Roseires	22nd	18.30	+0.12	18.70	+0.46
Sennar Res.				17.22	—
Khartûm				15.75	+0.36
Kh. el Girba				12.40	+0.35
'Atbara		15.11	+0.53	15.18	+0.55
Kajnarti		142.33	+1.15	142.55	+1.32
Aswân Res.		116.18	—	116.43	—
Aswân D.S		93.50	+1.61	93.60	+1.67
Roda (Cairo)		20.39	+1.65	20.27	+1.83

Printed by the Survey of Egypt, 1945.(45/306)

At 8h. on SUNDAY 22nd — الساعة ٨ يوم ٢٢ الأحد

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMP. Dry Bulb °C TTT	MAXIMUM Yester day °C MM	Diff. from norm. °C	MINIMUM Today °C mm	Diff. from norm °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms.	Total From Oct. 1 mms.	Norm. From Oct 1 mms.
MEDITERRANEAN — SALÛM												—		—				100
MATRÛH	00	9	00	C	0	3	8	17.1	+2.4	27.6	29	+1	22	+1	74	0	101	161
MARIUT	00	8	10	1	0	1	8	16	—	28	32	—	22	—	66	0	187	138
ALEXANDRIA	01	9	00	0	1	3	4	16.8	+2.4	27.1	33	+3	23	+1	66	0	170	187
DAMIETTA	01	8	30	2	1	3	8	16.7	+3.1	27.9	30	—	24	—	69	0	81	106
PORT SA'ID	01	8	02	2	1	4	8	16.7	+4.0	27.9	33	+3	25	+3	70	0	71	81
EL 'ARÎSH	00	9	12	1	0	0	—	15.5	+2.0	30.2	32	+3	22	+3	63	0	—	94
LOWER EGYPT — DAMANHÛR	00	6	08	2	0	0	—	16.7	+2.4	25.4	33	+2	22	+3	82	0	92	101
MANSÛRA	00	8	02	1	0	0	—	16.6	+2.6	28.0	36	+4	23	+4	67	0	66	55
TANTA	00	8	00	0	0	0	—	17.1	+2.8	25.0	34	+2	19	+2	80	0	107	44
ZAGAZIG	00	8	02	2	0	0	—	16.0	+1.7	26.4	34	+2	21	+4	81	0	24	27
SHEBÎN EL KÔM	01	8	02	3	0	3	8	15.6	+1.4	26.2	37	—	21	—	76	0	36	—
MIDDLE EGYPT — CAIRO — ALMAZA	00	7	06	3	0	1	8	15.8	+1.9	26.4	35	—	22	—	73	0	10	—
EZBEKÎYA																	22	26
GÎZA	00	7	04	1	0	0	—	16.0	+2.0	27.0	34	+3	20	+3	72	0	41	27
HELWÂN	00	6	00	0	0	0	—	15.8	+2.0	26.0	34	+2	23	+3	72	0	20	29
SUEZ	00	9	32	1	0	0	—	16.3	+3.6	27.0	38	+5	24	+3	69	0	—	17
UPPER EGYPT — FAIYÛM	00	8	30	1	0	0	—	15.6	+1.6	26.2	35	+2	22	+3	81	0	13	8
MINYA	00	9	32	2	0	0	—	15.0	+1.7	26.8	35	+3	22	+3	72	0	tr.	—
ASYÛT	00	7	00	0	0	0	—	14.4	+1.7	30.1	37	+4	24	+4	48	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	13.4	+2.1	29.7	37	—	22	—	54	0	1	—
QENA	00	8	20	2	0	0	—	12.3	+1.0	29.8	41	+4	24	+3	55	0	13	—
LUXOR	00	7	28	2	0	0	—	13.1	+2.1	30.4	40	+1	23	+2	36	0	0	—
ASWÂN	01	9	02	3	1	3	4	12.4	+2.0	30.3	40	+1	26	+2	33	0	tr.	—
WESTERN DESERT — SÎWA	00	7	00	0	0	0	—	16.7	+0.9	24.3	37	+2	22	+5	69	0	5	8
BAHARÎYA	00	9	00	0	0	0	—	14.8	+0.1	28.5	35	+2	21	+3	55	0	0	7
KHÂRGA	00	9	32	3	0	0	—	13.9	+1.7	29.4	39	+3	25	+4	39	0	1	—
DÂKHLA	00	8	24	1	0	0	—	15.5	+2.5	28.0	39	+3	24	+4	37	0	0	—
RED SEA — TÔR	00	7	28	5	0	0	—	10.7	+0.3	28.2	35	+4	—	—	77	0	0	13
HURGHÂDA	00	8	30	3	0	0	—	—	—	30.2	36	+4	26	+4	47	0	1	3
QUSEIR	00	8	32	1	0	0	—	10.3	-0.1	31.7	36	+4	27	+2	43	0	11	4
PORT SÛDÂN	00	8	02	3	1	2	3	11		33					56	0	73	106
NORTH SÛDÂN — WÂDI HALFA	00	8	02	2	0	3	4	12		34					27	0	tr.	—
KAREIMA	00	8	04	3	0	3	4	10		32					17	0	25	27
'ATBARA	02	8	32	3	1	6	4,1	10		30					18	0	95	68
KHARTÛM	01	8	32	3	1	3	4,1	9		33					23	0	216	160
KASSALA	00	8	14	2	0	1	4,3	9		29					16	0	385	314
CENTRAL SÛDÂN — WAD MEDANI	02	9	24	3	1	7	3	10		27					16	0	487	385
RENK	02	8	18	3	2	6	6	9		25	—		—		79	—	—	479
ROSEIRES	01	8	16	1	0	4	4	12		23					89	0	776	795
EL OBEID	01	8	26	2	1	3	4,1	10		26					58	0	592	355
EL FÂSHER	01	9	30	1	0	4	4,1	—	—	23					69	0	256	307
GENEINA	02	8	26	1	0	6	2	—	—	21	—		—		83	—	—	557
KADUGLI											—		—			—	—	711
S. SÛDÂN — MALAKÂL	02	8	12	2	1	5	4,4	12		25					89	0	979	799
WÂU	02	8	16	1	1	5	4	12		23					84	0	1123	1061
JUBA	01	8	12	1	1	4	2	13		25					84	0	1159	935

UPPER WINDS ON 22nd — الرياح العليا يوم ٢٢

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT 7h. m.	LUXOR h. m.	ASWÂN 7h. m.	WÂDI HALFA h. m.	ABU HAMAD 7h. m.	KAREIMA 6h. m.	KHARTÛM 6h. m.
					02 02 20		02 01 15		09 04 40	09 03 30	09 07 35
					05 28 25		05 03 35		15 03 35	15 04 35	15 05 30
					10 24 35		10 01 40		21 03 20	21 04 35	21 04 25
					15 22 30		15 35 25		27 04 15	27 06 50	27 06 30
							20 34 15		33 05 15	33 09 15	30 06 35
							25 24 10			39 11 30	

KASSALA 6h 45m.	PORT SÛDÂN 7h. m.	EL OBEID 7h. m.	EL FÂSHER 7h. m.	GENEINA 7h. m.	MALAKAL 7h. m.
09 17 20	09 01 25	09 26 20	09 32 15	09 25 10	09 15 30
15 20 20	15 02 40	15 01 05	15 11 10	15 15 20	15 15 15
21 12 10	21 04 35	21 07 05	21 06 40	21 09 35	21 14 15
33 07 10	33 06 30	27 10 05	27 07 10		27 11 15
	39 06 40	33 12 05	33 05 20		29 06 25
		39 27 05	39 07 10		

UPPER AIR TEMP. ALMÂZA AT 6h. G.M.T ON 22nd

HEIGHT FEET	P.P.P m.b.	TT °F	TT °F
Surface	1006	75	73
500	989	74	71
1000	970	72	70
1500	952	71	67
2000	935	74	59
4000	869	68	55
6000	806	60	47
8000	747	53	41
10000	692	45	41
12000	640	42	33
14000	591	33	26
16000	545	24	21

CYPRUS SYNOPTIC 8h. ON 22nd

34700 00990 08101 15272 10304 00180
34820 00961 26101 15241 80203 00230

ANNUAL SUBSCRIPTION P.T. 150

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 ... 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 AMOUNT (N)
Clear ... 0
Trace ... 1
1 Tenth ... 2
2, 3 Tenths ... 3
4, 5, 6 Tenths ... 4
7, 8 Tenths ... 5
9 Tenths ... 6
Over 9 Tenths ... 7
Overcast ... 8
Fog or Dust ... 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.

DAILY WEATHER REPORT

Time of Sunrise 05 44 m. — Sunset 17 51 — Month SEPTEMBER 1946 — شهر سبتمبر ١٩٤٦

At 14h. on SUNDAY 22nd — الساعة ١٤ يوم الأحد ٢٢

STATION	PRESENT WEATHER (WW)	VISIBILITY (V)	WIND Dir. (DD)	WIND Force (F)	PAST WEATHER (W)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESS M.S.L. 1000+ mbs. (PPP)	°C TEMP. (TTT)	% HUMIDITY (UU)	RAIN 8-14 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	01	9	02	2	0	4	8	15.8	28.0	79	0
MARIUT	00	8	30	3	0	2	8	16	29	66	0
ALEXANDRIA	01	9	04	3	2	4	4	15.8	30.2	58	0
DAMIETTA	00	8	30	3	1	2	8	15.2	28.0	62	0
PORT SA'ÎD	00	8	30	3	0	1	3	15.5	31.8	54	0
EL 'ARÎSH	01	9	32	3	1	3	3	14.4	29.3	64	0
LOWER EGYPT											
DAMANHÛR	01	7	32	3	1	3	8	15.2	30.3	59	0
MANŞÛRA	01	8	02	2	1	4	8	14.8	32.5	47	0
ṬANṬA	01	8	04	1	1	3	8	15.4	32.6	49	0
ZAGAZIG	00	6	02	3	0	0	—	13.8	32.4	46	0
SHEBÎN EL KÔM	00	8	02	3	0	0	—	14.0	32.6	42	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	8	02	2	0	0	—	13.8	33.1	42	0
CAIRO EZBEKÎYA	00	8	00	0	0	0	—	14.8	32.6	45	0
CAIRO GÎZA	00	8	04	2	0	0	—	15.0	32.8	45	0
ḤELWÂN	00	8	30	5	0	0	—	13.5	33.1	30	0
SUEZ	00	9	02	2	0	0	—	13.9	33.0	34	0
UPPER EGYPT											
FAIYÛM	00	8	02	2	0	0	—	13.5	34.3	31	0
MINYA	00	9	32	4	0	0	—	13.6	34.9	41	0
ASYÛT	00	8	28	2	0	0	—	13.0	34.8	24	0
NAG' ḤAMÂDI	00	8	24	1	0	0	—	10.0	35.8	32	0
QENA	00	9	28	2	0	0	—	9.0	39.0	29	0
LUXOR	00	7	26	2	0	0	—	10.2	39.0	33	0
ASWÂN	00	9	32	2	0	0	—	9.0	39.3	14	0
WESTERN DESERT											
SÎWA	00	8	00	0	0	0	—	16.2	36.0	26	0
BAHARÎYA	00	9	00	0	0	0	—	14.2	35.5	35	0
KHÂRGA	00	9	30	3	0	0	—	11.8	38.3	15	0
DAKHLA	00	9	28	1	0	0	—	12.8	37.8	20	0
RED SEA											
ṬÛR	00	7	28	5	0	0	—	10.2	30.8	68	0
HURGHÂDA	00	8	32	4	0	0	—	—	33.6	34	0
QUSEIR	00	8	32	2	0	0	—	10.3	34.0	51	0
PORT SÛDÂN	00	8	06	3	0	1	8	8	33	66	
NORTH SÛDÂN											
WÂDI ḤALFA	01	8	02	3	0	3	4	8	40	11	
KAREIMA	01	8	08	2	0	3	4	6	41	10	
'ATBARA	02	8	08	2	1	6	4,2	4	41	13	
KHARTÛM	02	8	04	1	1	5	4,1	5	39	16	
KASSALA	00	8	22	1	0	0	—	3	38	31	
CENTRAL SÛDÂN											
WAD MEDANI	01	8	20	2	1	5	3	5	37	29	
RENK											
ROSEIRES	01	8	24	1	0	4	9	8	33	53	
EL OBEID	00	8	20	2	1	2	4	6	34	39	
EL FÂSHER	01	8	32	3	1	4	1	—	37	14	
GENEINA	02	8	08	3	1	7	2	—	33	30	
KADUGLI											
S. SÛDÂN											
MALAKÂL	01	8	16	1	1	5	4	8	32	38	
WÂU											
JUBA	61	7	16	3	6	7	6,1	9	26	74	

At 20h. on 22nd — الساعة ٢٠ يوم الأحد ٢٢

STATION	PRESENT WEATHER (WW)	VISIBILITY (V)	WIND Dir. (DD)	WIND Force (F)	PAST WEATHER (W)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESS M.S.L. 1000+ mbs. (PPP)	°C TEMP. (TTT)	% HUMIDITY (UU)	RAIN 14-20 mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	8	32	3	5	0	—	16.2	26.0	78	dr.	131
MARIUT	00	8	00	0	0	8	4,1	16	25	74	0	150
ALEXANDRIA	00	5	08	2	0	0	—	17.1	26.2	64	0	132
DAMIETTA	00	7	30	1	1	0	—	15.4	25.2	76	0	159
PORT SA'ÎD	00	8	30	2	0	0	—	16.0	26.0	89	0	134
EL 'ARÎSH	00	9	30	4	0	0	—	14.6	28.2	73	0	135
LOWER EGYPT												
DAMANHÛR	00	7	32	2	0	0	—	16.0	25.3	81	0	136
MANŞÛRA	00	6	02	2	1	0	—	15.8	25.0	74	0	137
ṬANṬA	00	8	18	1	0	0	—	17.1	25.1	77	0	138
ZAGAZIG	00	6	32	2	0	0	—	15.9	26.2	73	0	139
SHEBÎN EL KÔM	00	7	02	2	0	0	—	14.7	25.6	71	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	00	7	02	3	0	0	—	15.3	28.0	57	0	141
CAIRO EZBEKÎYA	00	7	02	3	0	0	—	16.0	27.9	61		—
CAIRO GÎZA	00	7	30	2	0	0	—	14.7	28.8	55	0	—
ḤELWÂN	00	7	32	3	0	0	—	15.1	28.3	56	0	143
SUEZ	00	9	32	2	0	0	—	15.5	28.0	57	0	144
UPPER EGYPT												
FAIYÛM	00	8	02	1	0	0	—	14.8	29.1	50	0	153
MINYA	00	9	32	3	0	0	—	13.1	31.0	42	0	154
ASYÛT	00	8	28	1	0	0	—	13.1	30.8	38	0	155
NAG' ḤAMÂDI	00	8	00	0	0	0	—	11.2	29.8	36	0	164
QENA	00	6	26	3	0	0	—	11.1	34.7	21	0	156
LUXOR	00	6	30	2	0	0	—	10.3	34.0	36	0	157
ASWÂN	00	9	32	3	0	0	—	9.4	36.3	16	0	158
WESTERN DESERT												
SÎWA	00	—	00	0	0	0	—	15.5	31.0	41	0	148
BAHARÎYA												149
KHÂRGA	00	—	32	3	0	0	—	12.2	35.2	18	0	151
DAKHLA	00	7	28	1	0	0	—	11.4	38.3	36	0	152
RED SEA												
ṬÛR	00	7	28	5	0	0	—	11.5	31.1	62	0	145
HURGHÂDA	00	8	02	2	0	0	—	—	28.4	40	0	146
QUSEIR	00	8	02	2	0	0	—	10.2	30.7	63	0	147
PORT SÛDÂN												208
NORTH SÛDÂN												
WÂDI ḤALFA												165
KAREIMA												166
'ATBARA												167
KHARTÛM												209
KASSALA												170
CENTRAL SÛDÂN												
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FÂSHER												175
GENEINA												179
KADUGLI												187
S. SÛDÂN												
MALAKÂL												176
WÂU												177
JUBA												178

UPPER WINDS ON 22nd — الرياح العليا يوم ٢٢

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD 12h.45m.	ALMÂZA h. m.	MINYA 12h.30m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI ḤALFA h. m.	KAREIMA 12h.45m.	KHARTÛM 12h. m.	KASSALA 12h. m.	EL OBEID 12h. m.	MALAKAL 12h.45m.	JUBA 12h. m.
	03 35 30	03 35 15		03 36 30				09 05 30	09 03 05	09 19 10	09 24 05	09 17 15	09 35 30
	06 33 30	06 35 15		06 04 40				15 05 35	15 08 15	15 21 05	15 29 15	15 17 20	15 04 10
	09 32 10	09 33 10		09 04 35				21 05 30	21 05 20	21 27 05	21 02 25	21 16 15	21 05 25
	15 32 25	15 33 20		15 05 40				27 04 15	27 06 30	27 07 10	27 05 20	27 18 15	27 04 30
	21 29 35	21 30 25		21 34 40					30 06 30	33 07 35	33 05 35	33 17 15	33 05 35
	27 30 05	27 28 25		27 31 55					39 06 25	39 05 35	39 05 35	39 13 30	
	30 30 05	30 27 25		30 31 50									
	36 29 05	33 01 05											

At 8h. on MONDAY 23rd — الاثنين ٢٣

STATION	PRESENT WEATHER (WW)	VISIBILITY (V)	WIND Dir. (DD)	WIND Force (F)	PAST WEATHER (W)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESSURE M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C (TTT)	MAXIMUM Yesterday °C (MM)	MAXIMUM Diff. from norm. °C	MINIMUM Today °C (mm)	MINIMUM Diff. from norm. °C	% HUMIDITY (UU)	RAINFALL Past 24 hrs mms.	RAINFALL Total From Oct. 1 mms.	RAINFALL Norm. From Oct. 1 mms.
MEDITERRANEAN																		
SALÛM												—		—				100
MATRÛH	00	9	34	2	0	0	—	15.2	+0.4	25.4	29	+1	21	+1	76	dr.	101	161
MARIUT	01	8	19	1	0	3	6,8	15		27	30	—	20	—	70	0	187	138
ALEXANDRIA	01	9	00	0	1	4	8	15.2	+0.7	28.2	31	+1	23	+1	62	0	170	187
DAMIETTA	00	8	16	2	1	2	8	14.0	+0.3	27.6	29	—	21	—	70	0	81	106
PORT SA'ÎD	01	8	26	2	1	4	8	14.6	+1.8	27.7	32	+2	24	+2	66	0	71	81
EL 'ARÎSH	00	9	16	1	1	3	3	13.9	+0.3	29.1	30	+1	21	+2	62	0	—	94
LOWER EGYPT																		
DAMANHÛR	00	7	28	2	0	0	—	14.0	-0.4	25.0	32	+1	20	+1	77	0	92	101
MANŞÛRA	00	8	02	1	0	0	—	14.8	+0.7	27.5	33	+1	22	+3	63	0	66	55
ṬANṬA	00	8	00	0	0	0	—	15.2	+0.8	26.0	33	+1	18	+1	76	0	107	44
ZAGAZIG	00	6	32	2	0	0	—	14.6	+0.2	25.6	33	+1	20	+3	75	0	24	27
SHEBÎN EL KÔM	00	8	02	2	0	0	—	14.3	0.0	26.2	34	—	20	—	72	0	36	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	02	1	0	0	—	14.6	+0.6	25.7	34	—	22	—	71	0	10	—
CAIRO EZBEKÎYA	05	6	32	1	0	0	—	14.4	+0.4	25.5	34	+2	21	+2	75	0	22	26
CAIRO GÎZA	00	6	04	1	0	0	—	14.3	+0.2	25.6	33	+2	20	+3	72	0	41	27
ḤELWÂN	00	7	00	0	0	0	—	14.4	+0.5	25.7	34	+2	21	+1	64	0	20	29
SUEZ	00	9	32	1	0	0	—	15.2	+2.4	25.8	35	+2	23	+2	69	0	—	17
UPPER EGYPT																		
FAIYÛM	00	8	02	2	0	0	—	14.7	+0.5	25.9	36	+2	21	+2	67	0	13	8
MINYA	00	9	32	2	0	0	—	13.8	+0.4	27.4	35	+3	21	+2	63	0	dr.	—
ASYÛT	00	7	22	1	0	0	—	13.2	+0.4	27.9	36	+3	23	+3	57	0	0	4
NAG' ḤAMÂDI	00	8	00	0	0	0	—	12.0	+0.6	28.9	37	—	19	—	59	0	1	—
QENA	00	8	04	1	0	0	—	11.5	+0.1	29.2	41	+4	22	+1	39	0	13	—
LUXOR	00	7	28	2	0	0	—	12.2	+1.1	30.3	40	+4	24	+3	40	0	0	—
ASWÂN	01	9	02	2	1	4	4	11.5	+1.0	30.7	40	+1	27	+4	28	0	dr.	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	16.0	+0.1	26.0	37	+2	21	+4	74	0	5	8
BAHARÎYA	00	9	32	1	0	0	—	14.7	-0.1	28.3	36	+3	20	+2	56	0	0	7
KHÂRGA	00	9	32	4	0	0	—	12.4	+0.1	30.0	39	+3	25	+4	42	0	1	—
DAKHLA	00	8	00	0	0	0	—	13.0	-0.1	30.0	39	+3	23	+3	41	0	0	—
RED SEA																		
ṬÛR	00	7	28	4	0	0	—	11.0	+0.5	27.1	35	+4	—	—	64	0	0	13
HURGHÂDA	00	8	30	3	0	0	—	—	—	29.6	34	+2	25	+3	38	0	1	3
QUSEIR	01	8	32	3	1	3	2	10.3	-0.2	30.6	35	+3	29	+4	46	0	11	4
PORT SÛDÂN	00	8	04	2	0	2	8	11		32					74	0	73	106
NORTH SÛDÂN																		
WÂDI ḤALFA	00	8	32	1	1	3	4	10		29					43	0	21	—
KAREIMA																0	25	27
'ATBARA	01	8	18	3	1	5	2	8		31					41	0	95	69
KHARTÛM	00	8	18	3	1	2	4,1	8		32					41	0	216	180
KASSALA	01	8	18	1	1	4	1	9		30					43	0	385	316
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	16	4	1	5	4	11		25					70	50	537	387
RENK	01	9	16	3	1	4	4	6		27		—		—	58	—	—	502
ROSEIRES	02	8	15	2	2	6	6	13?		23					84	2	778	797
EL OBEID	01	8	14	4	1	4	4,2	10		27					66	0	593	357
EL FÂSHER	01	7	00	0	1	4	4	—	—	24					47	0	256	308
GENEINA	00	8	28	3	1	3	8	—	—	23	—		—		84	—	—	559
KADUGLI											—		—			—	—	715
S. SÛDÂN																		
MALAKÂL	02	8	00	0	1	6	4,2	11		24					94	0	979	803
WÂU	02	8	16		1	5	6,4	11		22					83	2	1125	1066
JUBA	02	8	12	2	1	8	6,4	13		24					84	1	1160	938

UPPER WINDS ON 23rd — الرياح العليا يوم ٢٣

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD 7h. m.	ḤELWÂN 9h. m.	MINYA 6h.30m.	ASYÛT 7h. m.	LUXOR h. m.	ASWÂN 7h. m.	WÂDI ḤALFA h. m.	ABU ḤAMAD 7h. m.	KAREIMA h. m.	KHARTÛM 6h.30m.
		03 33 10	02 01 40	03 02 35	02 01 05		02 05 15		09 07 35		09 24 55
		06 35 10	05 03 15	06 02 40	05 03 25		05 05 20		15 07 40		15 26 35
		09 33 10	08 04 15	09 02 30	10 01 35		10 03 40		21 08 35		21 04 20
			10 03 20	15 01 15			15 02 45		27 05 40		24 04 20
			13 34 25	21 33 30					33 05 30		27 06 20
				24 31 30							30 06 20
				27 32 20							39 07 30
				30 31 40							

KASSALA h.m.	PORT SÛDÂN h. m.	EL OBEID 7h. m.	EL FÂSHER 7h.45m.	GENEINA 7h. m.	MALAKAL 7h. m.
09 18 30		09 23 30	09 35 15	09 31 30	09 12 05
15 21 40		15 24 30	15 04 20	15 34 20	15 31 05
21 22 40		24 30 15	21 06 35	21 09 30	21 36 02
27 23 25		27 04 20	27 10 40	27 13 20	27 03 05
33 13 20		33 06 40	33 18 15	33 10 10	33 04 05
39 07 25		39 06 10			39 02 15

CYPRUS SYNOPTIC 8h. ON 23rd.

34710 00852 00002 13261 80102 00200
34810 00962 28212 12241 90801 00190

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day Humidity % on 22nd	Humidity Diff from normal	Wet Bulb Temp °C on 22nd	Wet Bulb Temp Diff from normal
Alexandria	63	-4	22.8	+1.5
Ezbekiya	62	-3	23.3	+2.3
Giza	59	-8	23.2	+2.5
Helwân	60	+6	21.8	+2.6

GÎZA — GRASS MINIMUM TEMP ON 23rd 18.0 °C

CAIRO — WATER TEMP. AT 8h. RIVER NILE ON 23rd 27.3 °C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser					
Malakâl				12.81	+0.16
J. Aulia Res.				377.23	—
J. Aulia D.8				376.38	+0.23
Roseires	23rd			18.30	+2.12
Sennar Res.				17.22	—
Khartûm				15.62	+0.26
Kh. el Girba				13.10	+0.12
'Atbara				15.11	+0.53
Kajnarti				142.33	+1.15
Aswân Res.		115.90	—	116.13	—
Aswân D.8		93.35	+1.51	93.50	+1.61
Roda (Cairo)		20.27	+1.63	20.39	+1.65

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	23rd.	10084	7569
	22nd.	10459	7851

UPPER AIR TEMP. ALMÂZA AT 64. G.M.T ON 23rd

HEIGHT FEET	P.P.P m.b.	T.T °F	T.T °C
Surface	1006	73	69
500	989	72	68
1000	970	71	67
1500	952	71	65
2000	935	71	57
4000	889	65	57
6000	846	58	47
8000	797	52	41
10000	692	45	36
12000	640	39	28
14000	591	35	26
16000	545	26	22

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.

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 ... 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 AMOUNT (N)

Clear ... 0
Trace ... 1
1 Tenth ... 2
2, 3 Tenths ... 3
4, 5, 6 Tenths ... 4
7, 8 Tenths ... 5
9 Tenths ... 6
Over 9 Tenths ... 7
Overcast ... 8
Fog or Dust ... 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

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DAILY WEATHER REPORT

Sunset 17h 50m — Month SEPTEMBER 1946 — شهر سبتمبر ١٩٤٦

At 14h. on MONDAY 23rd — الساعة ١٤ يوم الاثنين ٢٣

STATION	PRESENT WEATHER (WW)	VISIBILITY (V)	WIND Dir. (DD)	WIND Force (F)	PAST WEATHER (W)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESS M.S.L. 1000+ mbs. (PPP)	TEMP. °C (TTT)	% HUMIDITY (UU)	RAIN 8-14h. mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	9	30	3	0	3	8	15.0	28.2	61	0	131
MARIUT	00	7	28	3	1	2	8	14	29	52	0	150
ALEXANDRIA	01	9	02	2	2	4	8	14.8	29.7	49	0	132
DAMIETTA	01	8	30	3	1	3	8	13.5	28.0	63	0	159
PORT SA'ÎD	01	8	30	3	1	4	8	13.9	31.4	52	0	134
EL 'ARÎSH	00	9	30	3	0	0	—	13.4	28.7	52	0	135
LOWER EGYPT												
DAMANHÛR	01	7	28	3	1	3	8	13.9	29.8	54	0	136
MANSÛRA	01	8	30	1	1	4	8	14.0	31.5	48	0	137
TANTA	01	8	00	0	1	4	8	13.6	31.0	49	0	138
ZAGAZIG	01	6	32	3	1	4	8	13.8	31.6	50	0	139
SHEBÎN EL KÔM	01	8	02	3	1	4	8	13.0	32.3	47	0	
MIDDLE EGYPT												
CAIRO ALMÂZA	00	8	28	2	0	1	8	12.7	31.6	33	0	141
CAIRO EZBEKÎYA	01	8	02	3	0	3	8	13.6	31.2	43	0	
CAIRO GÎZA	00	7	30	1	0	0	—	13.0	31.9	43	0	
HELWÂN	00	7	26	4	0	2	8	12.8	31.3	31	0	143
SUEZ	00	9	30	1	0	3	3	13.4	32.0	38	0	144
UPPER EGYPT												
FAIYÛM	01	8	32	2	1	3	8	12.4	32.8	34	0	153
MINYA	00	9	32	4	0	0	—	12.3	34.4	36	0	154
ASYÛT	00	8	26	1	0	0	—	11.2	34.0	27	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	9.4	38.0	22	0	164
QENA	00	9	24	1	0	0	—	8.8	39.0	29	0	
LUXOR												
ASWÂN	00	9	32	3	0	0	—	8.2	40.0	14	0	
WESTERN DESERT												
SÎWA	00	8	00	0	0	0	—	15.2	34.2	45	0	148
BAHARÎYA												149
KHÂRGA	00	9	32	3	0	0	—	10.2	37.8	17	0	151
DAKHLA	00	9	28	1	0	0	—	10.2	38.0	21	0	152
RED SEA												
TÛR	00	7	28	4	0	0	—	10.6	30.2	59	0	145
HURGHÂDA	00	8	32	4	0	0	—	—	35.1	30	0	146
QUSEIR	01	8	32	2	1	3	1	10.3	33.2	49	0	147
PORT SÛDÂN	00	8	06	3	0	3	8,1	8	33	79		
NORTH SÛDÂN												
WÂDI HALFA	00	8	02	3	0	3	4	6	41	09		165
KAREIMA	00	8	07	4	0	0	—	4	40	14		166
'ATBARA	01	8	12	3	0	3	8	4	38	22		167
KHARTÛM	01	8	18	4	1	5	8,2	5	37	27		
KASSALA	01	9	24	1	1	5	8	3	38	27		170
CENTRAL SÛDÂN												
WAD MEDANI	01	8	16	4	1	4	3	5	35	30		171
RENK	01	9	16	3	1	4	8	5	32	55		182
ROSEIRES	01	8	20	1	2	5	8	—	30	55		172
EL OBEID	02	9	18	4	1	7	4,2	5	33	47		174
EL FÂSHER	01	8	32	3	1	5	4,1	—	37	12		175
GENEINA	00	7	32	3	0	3	4	—	33	36		179
KADUGLI	02	8	28	3	1	6	9	6	32	49		187
S. SÛDÂN												
MALAKÂL	02	8	14	6	1	8	6,4	10	25	74		176
WÂU												177
JUBA	61	7	24	2	6	8	6	13	22	94		178

At 20h. on 23rd — الساعة ٢٠ يوم الاثنين ٢٣

STATION	PRESENT WEATHER (WW)	VISIBILITY (V)	WIND Dir. (DD)	WIND Force (F)	PAST WEATHER (W)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESS M.S.L. 1000+ mbs. (PPP)	TEMP. °C (TTT)	% HUMIDITY (UU)	RAIN 14-20h. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	8	28	3	0	0	—	15.1	26.2	71	0
MARIUT	00	7	00	0	0	0	—	14	24	74	0
ALEXANDRIA	00	5	00	0	0	0	—	15.4	26.2	60	0
DAMIETTA	00	7	30	1	1	0	—	14.2	25.0	70	0
PORT SA'ÎD	00	8	30	2	0	3	8	14.7	25.7	67	0
EL 'ARÎSH	00	9	30	3	0	0	—	13.2	26.9	76	0
LOWER EGYPT											
DAMANHÛR	00	7	28	3	0	0	—	14.7	24.3	78	0
MANSÛRA	00	6	04	1	1	0	—	14.4	24.6	71	0
TANTA	00	8	20	1	0	0	—	14.7	24.3	81	0
ZAGAZIG	00	6	32	2	0	0	—	14.6	27.2	81	0
SHEBÎN EL KÔM	00	7	02	2	0	0	—	13.6	24.2	76	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	7	04	3	0	0	—	13.8	27.4	57	0
CAIRO EZBEKÎYA	00	7	32	1	0	0	—	14.4	27.2	61	0
CAIRO GÎZA	00	7	00	0	1	2	8	13.4	26.3	71	0
HELWÂN	00	7	32	3	0	0	—	13.5	28.1	45	0
SUEZ	00	9	32	2	0	0	—	13.0	27.6	59	0
UPPER EGYPT											
FAIYÛM	00	8	02	1	0	0	—	13.1	26.9	57	0
MINYA	00	9	32	2	0	0	—	13.1	31.0	38	0
ASYÛT	00	6	28	1	0	0	—	12.3	30.0	47	0
NAG' HAMÂDI	00	8	00	0	0	0	—	10.8	29.4	49	0
QENA	00	6	24	2	0	0	—	9.8	33.7	25	0
LUXOR	00	6	28	2	0	0	—	10.2	31.6	34	0
ASWÂN	00	7	32	2	0	0	—	9.1	35.4	17	0
WESTERN DESERT											
SÎWA	00	—	00	0	0	0	—	14.3	29.8	54	0
BAHARÎYA											
KHÂRGA	00	—	32	3	0	0	—	11.4	34.4	24	0
DAKHLA	00	7	28	2	0	0	—	12.7	30.6	40	0
RED SEA											
TÛR	00	7	28	4	0	0	—	9.9	32.1	53	0
HURGHÂDA	00	8	28	2	0	0	—	—	27.6	39	0
QUSEIR	00	8	32	4	0	0	—	9.4	30.7	50	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 23rd — الرياح العليا يوم ٢٣

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.
	12h.45m.								13h.		13h.		
	03 31 35								09 21 15		09 23 20		
	06 30 15								15 23 15		15 15 15		
	09 29 20								21 03 05		21 13 25		
	15 31 20								24 03 05		27 17 05		
	21 27 25										33 11 10		
	27 27 30										39 12 10		
	30 29 30												
	36 28 50												
	39 28 40												

At 8h. on TUESDAY 24th — الساعة ٨ يوم الثلاثاء ٢٤

STATION	PRESENT WEATHER (WW)	VISIBILITY (V)	WIND Dir. (DD)	WIND Force (F)	PAST WEATHER (W)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESSURE M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C (TTT)	Maximum Yesterday °C (MM)	Maximum Diff. from norm. °C	Minimum Today °C (mm)	Minimum Diff. from norm °C	% HUMIDITY (UU)	RAINFALL Past 24 hrs mms.	Total From Oct. 1 mms.	Norm. From Oct. 1 mms.
MEDITERRANEAN																		
SALÛM												—		—				100
MATRÛH	01	9	24	1	0	4	8	15.4	+0.5	27.0	29	+1	21	+1	69	0	101	161
MARIUT	00	7	00	0	0	0	—	15	—	28	30	—	21	—	62	0	187	138
ALEXANDRIA	02	9	24	2	1	5	8	15.4	+0.8	26.6	31	+1	24	+2	69	0	170	187
DAMIETTA	00	7	20	2	1	0	—	14.6	+0.8	26.4	30	—	21	—	73	0	81	106
PORT SA'ÎD	01	8	02	2	1	5	8	14.8	+1.9	28.1	32	+2	23	+1	59	0	71	81
EL 'ARÎSH	00	9	12	1	1	3	3	14.7	+1.0	28.7	30	+1	20	+1	65	0	—	94
LOWER EGYPT																		
DAMANHÛR	01	6	28	2	1	3	8	14.8	+0.3	23.8	31	0	20	+2	80	0	92	101
MANSÛRA	00	8	12	1	0	0	—	15.1	+0.9	25.8	33	+1	20	+1	70	0	66	55
TANTA	00	8	00	0	0	0	—	15.4	+0.9	26.6	32	0	18	+1	71	0	107	44
ZAGAZIG	00	6	08	2	0	0	—	14.7	+0.2	26.8	33	+1	19	+2	69	0	24	27
SHEBÎN EL KÔM	00	8	12	1	0	0	—	14.3	−0.1	27.6	33	—	19	—	62	0	36	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	04	1	0	0	—	14.6	+0.5	24.4	33	—	21	—	62	0	10	—
CAIRO EZBEKÎYA	05	6	02	2	0	0	—	14.8	+0.7	24.2	33	+1	21	+2	70	0	22	26
CAIRO GÎZA	00	7	32	1	0	0	—	14.6	+0.4	23.9	32	+1	18	+1	77	0	41	27
HELWÂN	00	7	02	1	0	1	8	15.0	+1.0	24.9	32	0	21	+1	64	0	20	29
SUEZ	00	9	32	1	0	3	3	—	—	26.6	34	+1	23	+2	64	0	—	17
UPPER EGYPT																		
FAIYÛM	00	8	02	2	0	0	—	15.0	+0.7	25.3	33	0	20	+1	66	0	13	8
MINYA	00	9	32	2	0	0	—	14.4	+0.8	25.2	34	+2	21	+2	77	0	dy.	—
ASYÛT	00	7	22	1	0	0	—	14.0	+1.1	27.1	35	+2	21	+1	56	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	12.7	+1.2	29.3	39	—	19	—	49	0	1	—
QENA	00	8	16	1	0	0	—	12.4	+0.9	29.0	41	+4	23	+2	47	0	13	—
LUXOR	00	7	28	1	0	0	—	12.7	+1.5	30.0	40	+1	22	+1	36	0	0	—
ASWÂN	01	9	00	0	1	3	4	12.2	+1.6	30.0	41	+2	26	+3	30	0	dy.	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	15.9	−0.1	25.0	36	+1	20	+3	80	0	5	8
BAHARÎYA																	0	7
KHÂRGA	00	9	20	4	0	0	—	12.0	−0.4	29.4	38	+2	23	+2	36	0	1	—
DÂKHLA	00	8	12	2	0	0	—	12.2	−1.0	31.0	39	+4	22	+2	31	0	0	—
RED SEA																		
TÛR	00	7	28	3	0	0	—	11.6	+1.0	26.9	33	+2	—	—	67	0	0	13
HURGHÂDA	00	8	30	3	0	0	—	—	—	28.8	36	+4	23	+1	51	0	1	3
QUSEIR	01	8	32	3	1	3	7	10.7	0.0	30.0	35	+3	26	+1	57	0	11	4
PORT SÛDÂN	01	8	02	2	1	4	6	12		31					62	0	73	106
NORTH SÛDÂN																		
WÂDI HALFA	01	8	02	2	0	3	4	10		29					35	0	dy.	—
KAREIMA																0	25	27
'ATBARA	18	6	16	5	1	6	4,2	10		29					49	0	95	69
KHARTÛM	02	7	14	5	1	6	4,2	11		26					70	0	216	161
KASSALA	02	8	18	2	1	5	2	12		26					62	0	385	317
CENTRAL SÛDÂN																		
WAD MEDANI																6	543	389
RENK	05	8	28	3	1	5	8	11		25	—		—		79	—	—	504
ROSEIRES	01	8	04	2	1	3	1	—		22					94	0	778	798
EL OBEID	02	8	20	4	1	5	4,5	11		25					65	0	593	359
EL FÂSHER								—	—							—	256	208
GENEINA								—	—			—		—		—	—	561
KADUGLI	01	8	12	3	1	4	4	12		24		—		—	74	—	—	720
S. SÛDÂN																		
MALAKÂL	01	8	04	2	1	4	6,4	12		25					84	0	979	807
WÂU	01	8	00	0	1	5	6,4	11		23					84	0	1125	1071
JUBA	01	8	04	2	1	4	8	13		23					84	11	1171	942

UPPER WINDS ON 24th — الرياح العليا يوم ٢٤

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI HALFA h. m.	ABU HAMAD h. m.	KAREIMA h. m.	KHARTÛM h. m.
			9h.15m.		7h. m.	6h.30m.	7h. m.				6h.30m.
			02 02 10		02 01 10	03 02 20	02 01 10				09 18 25
			05 04 15		05 01 20	06 02 20	05 06 15				15 18 20
			10 04 20		10 35 20	09 01 30	10 06 30				21 17 25
			15 04 20		15 36 40	15 33 20	15 05 25				24 17 20
			20 01 05		20 33 25		20 01 35				
			25 31 35				25 02 15				
			30 30 35				30 20 15				
			32 31 25				35 24 20				

KASSALA h. m.	PORT SÛDÂN h. m.	EL OBEID h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL h. m.
6h.45m.	7h. m.	7h. m.	h. m.	h. m.	7h. m.
09 19 30	09 10 20	09 24 20			09 08 15
15 20 15	15 12 25	15 30 10			15 13 20
21 16 10	21 11 30	21 10 10			21 13 20
27 12 05	27 09 30	27 11 15			27 11 10
		33 12 20			33 13 20
		39 10 30			39 09 20

UPPER AIR TEMP. ALMÂZA AT 6h. G.M.T. ON 24th

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	1006	76	68
500	989	72	66
1000	970	71	64
1500	952	66	62
2000	935	66	48
4000	869	62	42
6000	806	56	37
8000	747	50	33
10000	692	43	28
12000	640	36	27
14000	591	27	22
16000	545	17	15

CYPRUS SYNOPTIC 8h. ON 24th

34700 00890 08100 13261 70104 00190

34820 00952 32102 12241 70202 00190

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day HUMIDITY % on 23rd	Diff from normal	WET BULB TEMP °C on 23rd	Diff from normal	Previous day Reading	Diff. from normal
Alexandria	59	−8	22.0	+0.8		
Ezbekiya	62	−3	22.3	+1.4		
Giza	67	0	22.5	+1.9		
Helwân	50	−4	20.4	+1.3		

GÎZA — GRASS MINIMUM TEMP. ON 24th 16.0 °C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 24th 27.1 °C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Diff. from normal m.
Jûba				13.50	−0.26
Nasser				10.90	+0.53
Malakâl		12.81	+0.66	12.81	+0.66
J. Aulia Res.				377.30	—
J. Aulia D.S				375.95	+0.12
Roseires				47.20	+0.08
Sennar Res.				17.19	—
Khartûm				15.48	+0.14
Kh. el Girba				12.84	−0.07
'Atbara				15.10	+0.56
Kajnarti					
Aswân Res.		115.66	—	115.90	—
Aswân D.S		93.20	+1.39	93.35	+1.51
Roda (Cairo)		20.25	+1.62	20.37	+1.63

Discharges at Aswân measured by sluices m³ per sec.	DATE 24th	1946	1945
	23rd	10084	7569

Printed by the Survey of Egypt, 1945 (45/306)

ANNUAL SUBSCRIPTION P.T. 150

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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.

DAILY WEATHER REPORT

Sunset 17 h. 49 m. — Month SEPTEMBER 1946 — شهر سبتمبر ١٩٤٦

At 14 h. on TUESDAY 24th — الساعة ١٤ يوم ٢٤ — الثلاثاء

	STATION	PRESENT WEATHER WW	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 8-14 mms	STATION NUMBER
MEDITERRANEAN	SALÛM												130
	MATRÛH	00	9	30	2	1	3	8	15.5	28.0	65	0	131
	MARIUT	00	7	29	3	0	2	8	15	29	59	0	150
	ALEXANDRIA	01	9	30	3	2	3	8	14.8	30.2	52	0	132
	DAMIETTA	01	8	02	3	1	4	8	13.9	27.9	63	0	159
	PORT SA'ID	00	8	32	2	1	3	8	14.3	30.2	56	0	134
	EL 'ARÎSH												135
LOWER EGYPT	DAMANHÛR	02	7	32	3	2	5	8	13.9	29.8	54	0	136
	MANSÛRA	01	8	02	1	1	4	8	14.4	31.0	45	0	137
	TANTA	01	8	34	1	1	3	8	14.4	31.0	42	0	138
	ZAGAZIG	01	6	34	2	1	4	8	15.3	31.2	42	0	139
	SHEBÎN EL KÔM	01	8	04	3	1	3	8	14.6	31.9	43	0	
MIDDLE EGYPT	CAIRO ALMÂZA	00	8	30	3	0	1	8	13.5	30.9	36	0	141
	CAIRO EZBEKÎYA	00	8	30	1	0	0	—	14.0	30.9	38	0	
	CAIRO GÎZA	00	8	30	2	0	0	—	14.4	30.8	40	0	
	HELWÂN	00	7	28	3	0	0	—	13.4	30.6	30	0	143
	SUEZ	00	9	30	1	0	0	—	13.6	33.2	34	0	144
UPPER EGYPT	FAIYÛM	00	8	02	1	0	2	8	13.6	31.4	33	0	153
	MINYA	00	9	32	3	0	0	—	13.2	31.6	45	0	154
	ASYÛT	00	8	28	1	0	0	—	12.3	32.6	37	0	155
	NAG' HAMÂDI	00	8	00	0	0	0	—	10.6	35.8	38	0	164
	QENA	00	9	24	1	0	0	—	10.4	39.0	29	0	156
	LUXOR	00	7	30	2	0	0	—	10.7	39.0	33	0	157
	ASWÂN	00	9	32	2	0	0	—	8.6	40.0	13	0	158
WESTERN DESERT	SÎWA	00	8	00	0	0	0	—	15.9	33.4	46	0	148
	BAHARÎYA												149
	KHÂRGA	00	9	20	3	0	0	—	10.7	37.4	16	0	151
	DAKHLA	00	9	12	2	0	0	—	9.5	39.0	21	0	152
RED SEA	TÔR	00	7	28	4	0	0	—	11.6	30.2	64	0	145
	HURGHADA	00	8	32	3	0	0	—	—	31.6	50	0	146
	QUSEIR	00	8	02	2	1	0	—	11.1	32.2	55	0	147
	PORT SUDÂN	01	8	06	3	1	3	8,2	9	33	74		188
NORTH SUDÂN	WÂDI HALFA	00	8	06	3	0	2	4	6	39	15		165
	KAREIMA	25	8	20	3	8	4	6,4	5	38	25		166
	'ATBARA	02	8	22	3	1	5	4,2	6	36	35		167
	KHARTÛM	02	8	12	3	2	5	4,1	5	35	35		207
	KASSALA	01	8	06	1	1	4	8,1	6	36	35		170
CENTRAL SUDÂN	WAD MEDANI	02	8	14	2	1	7	4	8	30	49		171
	RENK	01	9	20	3	1	4	4	—	32	63		182
	ROSEIRES	01	8	08	1	0	4	1	—	30	59		172
	EL OBEID	02	9	14	3	1	5	8,1	—	32	41		174
	EL FÂSHER	01	8	08	4	1	4	8,1	—	33	38		175
	GENEINA	00	8	30	3	0	0	—	—	33	38		179
	KADUGLI	01	8	12	3	1	4	9	8	31	49		187
S. SUDÂN	MALAKÂL	01	8	12	2	1	4	8	8	31	55		176
	WÂU												177
	JUBA	02	8	08	2	1	6	9	7	31	49		178

At 20 h. on 24th — الساعة ٢٠ يوم ٢٤

STATION	PRESENT WEATHER WW	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 14-20 mms
SALÛM											
MATRÛH	00	8	04	2	0	3	8	16.4	26.0	73	0
MARIUT	00	7	31	1	0	1	6	16	25	74	0
ALEXANDRIA	01	5	04	1	2	3	4	16.8	26.4	63	0
DAMIETTA	00	7	30	1	1	0	—	15.6	25.8	76	0
PORT SA'ID	00	8	30	1	0	1	8	15.5	29.2	73	0
EL 'ARÎSH	00	9	32	4	0	0	—	15.2	28.4	59	0
DAMANHÛR	00	7	32	2	1	0	—	—	24.2	78	0
MANSÛRA	00	6	02	2	1	0	—	16.8	25.6	71	0
TANTA	00	8	00	0	0	0	—	15.6	24.5	72	0
ZAGAZIG	00	6	32	2	0	0	—	15.4	25.6	81	0
SHEBÎN EL KÔM	00	7	04	2	0	0	—	15.2	25.1	77	0
CAIRO ALMÂZA	00	7	02	3	0	0	—	14.6	27.2	59	0
CAIRO EZBEKÎYA	00	6	02	2	0	0	—	15.2	26.8	58	0
CAIRO GÎZA	00	7	00	0	0	0	—	14.3	26.0	26	0
HELWÂN	00	7	32	3	0	0	—	14.8	27.6	46	0
SUEZ	00	9	20	2	0	0	—	14.0	27.4	56	0
FAIYÛM	00	8	02	1	0	0	—	14.3	27.0	48	0
MINYA	00	8	32	2	0	0	—	13.9	28.8	38	0
ASYÛT	00	6	26	1	0	0	—	13.2	29.1	34	0
NAG' HAMÂDI	00	8	00	0	0	0	—	11.6	26.9	68	0
QENA	00	6	24	2	0	0	—	11.1	31.6	31	0
LUXOR	00	6	28	1	0	0	—	11.6	29.2	39	0
ASWÂN	00	9	32	2	0	0	—	10.0	35.3	21	0
SÎWA	—	—	00	0	0	0	—	15.9	30.0	54	0
BAHARÎYA	—	—	32	1	0	0	—	15.0	27.0	56	0
KHÂRGA	00	9	32	3	0	0	—	10.7	28.4	43	0
DAKHLA	00	7	32	2	0	0	—	12.3	30.8	36	0
TÔR	00	7	28	3	0	0	—	11.5	31.9	54	0
HURGHADA	00	8	28	2	0	0	—	—	27.4	37	0
QUSEIR	00	8	02	2	0	0	—	10.8	29.2	53	0

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 24th — الرياح العليا يوم ٢٤

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHADA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.
	13 h.	13 h.			12 h. 15 m.		13 h.		13 h. 30 m.	13 h.	13 h.		
	03 36 25	03 33 05			03 20 15		09 11 05		09 21 05	09 06 10	09 16 15		
	06 02 35	06 21 05			06 19 20		15 09 35		15 24 05	15 02 10	15 18 15		
	09 03 20	09 15 05			09 20 25		21 10 20		21 24 35	21 10 15	21 16 15		
	12 04 40	15 01 15			15 18 25		27 10 30		24 26 20	27 19 20	27 11 25		
		21 31 10			21 13 20				30 29 35	33 13 15	33 07 55		
		24 31 15			27 12 35				33 30 30	39 13 25	36 05 60		
		27 28 20			30 09 30								
		30 20 20			36 12 45								
		36 29 35											

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day: Humidity % on 24th	Humidity Diff from normal	Wet bulb temp °C on 24th	Wet bulb temp Diff from normal
Alexandria	64	-3	22.1	+0.9
Ezbekîya	58	-7	20.9	+0.1
Gîza	66	-1	21.3	+0.7
Helwân	51	-3	19.8	+0.8

GÎZA — GRASS MINIMUM TEMP. ON 25th 18.7 °C

CAIRO — WATER TEMP. AT 9 h. RIVER NILE ON 25th 26.9 °C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nasser					
Malakâl				12.81	+0.66
J. Aulia Res.					
J. Aulia D.S					
Roseires	25th	18.18	+0.19	18.00	-0.06
Sennar Res.				17.21	—
Khartûm				15.44	+0.13
Kh. el Girba					
'Atbara				15.00	+0.50
Kajnarti		142.04	+1.04	142.09	+1.09
Aswân Res.		115.46	—	115.66	—
Aswân D.S		93.65	+1.27	93.20	+1.39
Roda (Cairo)		20.23	+1.61	20.25	+1.62

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	25th	9489	7671
	24th	9821	7931

Printed by the Survey of Egypt, 1945. (45/306)

At 8 h. on WEDNESDAY 25th — الساعة ٨ يوم ٢٥ — الأربعاء

	STATION	PRESENT WEATHER WW	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm. °C	Minimum Today °C mm	Minimum Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	Total from Oct. 1 mms	Norm. from Oct. 1 mms
MEDITERRANEAN	SALÛM												—		—				102
	MATRÛH	01	9	02	1	0	4	8	17.8	+2.8	27.8	29	+1	23	+3	66	0	101	161
	MARIUT	01	7	00	0	0	3	8,1	17	—	27	30	—	19	—	70	0	187	138
	ALEXANDRIA	02	9	00	0	2	5	4	17.6	+2.9	28.4	31	+1	24	+2	61	0	170	187
	DAMIETTA	00	8	28	1	1	3	8	16.8	+2.9	27.4	30	—	22	—	67	0	81	106
	PORT SA'ID	01	8	30	2	1	4	8	17.2	+1.2	28.3	32	+2	24	+2	60	0	71	81
	EL 'ARÎSH	00	9	12	1	0	0	—	16.4	+2.6	29.2	31	+2	19	0	61	0	—	94
LOWER EGYPT	DAMANHÛR	00	6	12	2	0	0	—	16.7	+2.1	24.2	30	-1	21	+3	83	0	92	101
	MANSÛRA	01	8	02	1	1	3	0	17.6	+3.3	26.5	33	+1	22	+3	72	0	66	55
	TANTA	00	8	00	0	0	0	—	17.5	+2.9	25.0	32	0	18	+1	77	0	107	44
	ZAGAZIG	00	6	28	2	0	0	—	17.4	+2.7	26.2	31	-1	20	+3	77	0	24	27
	SHEBÎN EL KÔM	00	8	04	3	0	0	—	17.6	+3.1	26.8	33	—	20	—	69	0	36	
MIDDLE EGYPT	CAIRO ALMAZA	00	7	04	1	0	0	—	16.1	+1.9	26.0	34	—	22	—	60	0	10	—
	CAIRO EZBEKÎYA	05	5	32	2	0	0	—	17.0	+2.8	24.3	32	0	22	+3	73	0	22	26
	CAIRO GÎZA	00	6	22	1	0	0	—	17.0	+2.7	24.6	32	+1	20	+3	80	0	41	27
	HELWÂN	00	7	06	3	0	0	—	16.8	+2.7	26.0	32	0	22	+2	61	0	20	29
	SUEZ	00	9	32	1	0	0	—	16.2	+3.2	26.8	35	+2	22	+1	65	0	—	17
UPPER EGYPT	FAIYÛM	00	8	02	1	0	0		16.8	+2.4	25.3	32	-1	21	+2	68	0	13	8
	MINYA	00	9	30	1	0	0	—	16.0	+2.3	26.7	33	+1	20	+1	62	0	dz.	—
	ASYÛT	00	7	22	1	0	0	—	15.6	+2.6	26.0	34	+2	21	+1	55	0	0	4
	NAG' HAMÂDI	00	8	00	0	0	0	—	14.7	+3.1	29.8	37	—	22	—	51	0	1	—
	QENA	00	8	26	2	0	0	—	14.2	+2.6	28.4	41	+4	23	+2	43	0	13	—
	LUXOR	00	7	28	2	0	0	—	13.9	+2.6	30.2	42	+3	22	+1	34	0	0	—
	ASWÂN	01	9	30	1	1	3	1	13.4	+2.7	30.3	41	+2	26	+3	27	0	dz.	—
WESTERN DESERT	SÎWA	00	7	00	0	0	0	—	17.8	+1.7	26.0	36	+2	21	+4	81	0	5	8
	BAHARÎYA	00	9	00	0	0	0	—	—	—	28.0	36	+3	20	+2	57	0	0	7
	KHÂRGA	00	9	32	3	0	0	—	—	—	28.8	38	+2	26	+5	36	0	1	—
	DAKHLA	00	8	12	1	0	0	—	14.3	+1.0	30.0	39	+4	21	+1	30	0	0	—
RED SEA	TÔR	00	7	28	3	0	0	—	13.6	+2.9	23.9	32	+1	—	—	60	0	0	13
	HURGHADA	00	8	30	3	0	0	—	—	—	28.2	33	+1	22	0	52	0	1	3
	QUSEIR	00	8	30	2	0	0	—	13.2	+2.4	29.0	34	+2	26	+1	52	0	11	4
	PORT SÛDÂN	00	8	02	1	0	2	8,1	13		31					79	0	73	106
NORTH SUDÂN	WÂDI HALFA	02	8	02	2	1	7	4,5	12		30					33	0	61	—
	KAREIMA	01	8	04	2	0	4	2	11		30					55	14	25	27
	'ATBARA	02	8	06	3	0	6	4,2	12		32					34	0	95	69
	KHARTÛM	01	8	00	0	1	4	4	11		31					52	0	216	161
	KASSALA																0	385	319
CENTRAL SUDÂN	WAD MEDANI	01	9	00	0	1	3	4	12		26					70	0	543	391
	RENK	01	9	20	3	1	4	4	11		28		—		—	70	—	—	506
	ROSEIRES	01	8	08	1	0	4	8,4	—		26					79	0	778	800
	EL OBEID	01	9	18	1	1	3	4,2	12		27					62	0	593	361
	EL FÂSHER	01	8	00	0	1	5	8,4	—	—	23					78	14	270	309
	GENEINA								—	—			—		—		—	—	562
	KADUGLI	02	8	08	2	1	5	4	12		27		—		—	70	—	—	725
S. SUDÂN	MALAKÂL	02	8	00	0	6	7	4,5	13		26					89	1	986	811
	WÂU																0	1125	1076
	JUBA	01	8	12	1	1	5	4	14		24					84	4	1175	945

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 25th — الرياح العليا يوم ٢٥

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	HELWÂN h. m.	MINYA h. m.	CAIRO 9 h. 15 m.	LUXOR h. m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h. 15 m.	ABU HAMAD 7 h. 15 m.	KAREIMA h. m.	KHARTÛM 6 h. m.
			02 04 25		02 05 20		02 02 05	09 15 05	09 08 25		09 24 10
			05 04 30		05 02 15		05 04 20	15 11 15	15 09 15		15 14 10
			10 03 30				10 04 35	21 18 02	21 05 15		21 09 20
			15 04 10				15 05 20		24 05 20		24 13 20
			20 01 15				20 06 05				30 18 30
			25 30 55								
			30 27 40								
			35 24 20								
			40 19 30								

KASSALA h. m.	PORT SÛDÂN 6 h. 45 m.	EL OBEID 7 h. m.	EL FÂSHER 7 h. m.	GENEINA h. m.	MALAKAL 7 h. m.
	09 02 20	09 21 20	09 02 05		09 31 05
	15 04 15	15 17 10	15 08 05		15 16 10
	21 05 20	21 12 30	21 16 30		21 19 15
	27 09 25	27 09 30	27 19 35		27 13 15
	33 09 35	33 09 20			33 11 15
	39 11 55				

CYPRUS SYNOPTIC 8 h. ON 25th

34700 00000 08102 16271 90404 00190
34810 01951 24213 16241 95104 00190

UPPER AIR TEMP. ALMÂZA AT 6 h. G.M.T. ON 25th

HEIGHT FEET	P.P.P m.b.	T.T °F	t.t °F
Surface	1007	—	—
500	990	73	67
1000	971	72	67
1500	953	70	66
2000	936	69	62
4000	870	64	52
6000	807	64	44
8000	748	56	39
10000	693	51	34
12000	641	43	29
14000	592	36	27
16000	546	28	22

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

ANNUAL SUBSCRIPTION P.T. 150

Time of Sunrise 35 43 h. m.
Sunset 17 48

DAILY WEATHER REPORT

Month SEPTEMBER 1946 — شهر سبتمبر ١٩٤٦

1417 F.C.

At 14h. on WEDNESDAY 25th — الساعة ١٤ يوم ٢٥ / At 20h. on 25th — الساعة ٢٠ يوم الأربعاء ٢٥

STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 h. mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20 h. mms	Station Number
MEDITERRANEAN: SALÛM																							130
MATRÛH	01	9	04	1	1	4	8	17.9	28.2	69	0	00	8	06	2	1	0	—	18.3	25.6	75	0	131
MARIUT	01	9	30	3	1	4	8	17	29	62	0	00	7	32	2	0	0	—	18	25	74	0	150
ALEXANDRIA	01	9	04	2	2	3	8	17.1	29.0	58	0	00	5	04	2	0	0	—	18.2	26.0	69	0	132
DAMIETTA	00	8	28	3	1	2	3	16.3	28.2	62	0	00	7	30	1	1	2	8	16.8	25.5	76	0	159
PORT SA'ÎD	00	8	30	4	0	1	3	16.6	31.0	53	0	00	8	30	2	0	3	8	17.5	26.0	65	0	134
EL 'ARÎSH	00	9	30	4	0	0	—	15.9	28.7	58	0	01	9	32	4	1	4	8	16.4	26.4	68	0	135
LOWER EGYPT: DAMANHÛR	01	7	32	3	1	4	8	16.3	30.8	51	0	00	7	32	3	1	0	—	17.0	24.2	82	0	136
MANSÛRA	01	8	02	2	1	4	8	16.3	32.2	41	0	00	6	02	1	1	0	—	17.6	24.6	77	0	137
TANTA	00	8	00	0	0	0	—	16.7	32.0	46	0	00	8	00	0	0	0	—	18.0	24.6	73	0	138
ZAGAZIG	00	6	24	2	0	3	8	16.3	31.6	50	0	00	6	30	2	0	0	—	16.8	25.4	72	0	139
SHEBÎN EL KÔM	01	8	02	3	1	3	8	15.1?	32.1	41	0	00	7	02	2	0	0	—	16.2	25.4	76	0	—
MIDDLE EGYPT: CAIRO ALMÂZA	00	8	02	3	0	0	—	15.1	31.8	33	0	00	7	04	3	0	0	—	16.3	28.0	53	0	141
CAIRO EZBEKÎYA	00	8	02	3	0	0	—	15.8	32.1	43	0	00	7	02	3	0	0	—	16.8	27.1	60	0	—
CAIRO GÎZA	00	7	30	1	0	0	—	15.9	31.7	43	0	00	7	00	0	0	0	—	16.3	27.1	60	0	—
HELWÂN	00	8	30	3	0	0	—	15.2	32.0	30	0	00	7	02	4	0	0	—	16.8	27.7	46	0	143
SUEZ	00	9	30	1	0	0	—	15.8	32.0	29	0	00	9	30	2	0	0	—	15.9	27.2	59	0	144
UPPER EGYPT: FAIYÛM	00	8	02	2	0	0	—	15.0	32.6	33	0	00	8	32	1	0	0	—	16.0	27.2	48	0	153
MINYA	00	9	30	3	0	0	—	13.2	33.2	34	0	00	8	32	2	0	0	—	14.8	27.8	54	0	154
ASYÛT	00	8	22	1	0	0	—	12.8	35.0	25	0	00	6	26	1	0	0	—	12.8	28.4	53	0	155
NAG HAMÂDI	00	8	00	0	0	0	—	11.5	37.0	38	0	00	8	00	0	0	0	—	11.9	27.0	60	0	164
QENA	00	9	24	1	0	0	—	10.7	39.8	27	0	00	6	24	2	0	0	—	11.8	34.1	24	0	156
LUXOR	00	7	28	1	0	0	—	10.4	39.5	33	0	00	6	28	1	0	0	—	12.3	32.0	28	0	157
ASWÂN	01	9	06	1	1	3	1	10.0	41.7	11	0	00	9	32	2	0	0	—	10.3	36.3	17	0	158
WESTERN DESERT: SÎWA	00	8	00	0	0	0	—	16.6	34.6	46	0	00	—	00	0	0	0	—	15.4	30.5	55	0	148
BAHARÎYA	00	9	08	1	0	0	—	—	35.2	36	0	00	—	32	1	0	0	—	—	26.0	62	0	149
KHÂRGA	00	9	04	1	0	0	—	11.8	39.2	14	0	00	—	32	4	0	0	—	12.0	34.3	24	0	151
DAKHLA	00	9	28	1	0	0	—	10.2?	38.8	11	0	00	8	08	2	0	0	—	—	31.0	29	0	152
RED SEA: TÔR	00	7	28	4	0	0	—	12.7	29.9	60	0	00	7	28	3	0	0	—	—	31.9	35	0	145
HURGHADA	00	8	02	4	0	0	—	—	32.6	39	0	00	8	32	3	0	0	—	—	26.8	41	0	146
QUSEIR	00	8	02	2	0	0	—	13.1	32.0	54	0	00	8	30	1	0	0	—	12.7	29.0	55	0	147
PORT SÛDÂN	00	8	06	3	0	0	—	10	34	66													268
NORTH SÛDÂN: WÂDI HALFA	01	8	08	2	1	3	4	9	42	11													165
KAREIMA	01	8	06	2	1	3	8	7	39	21													166
'ATBARA	18	6	12	4	1	5	8	6	39	20													167
KHARTÛM	01	8	00	0	1	3	9,1	6	37	27													209
KASSALA	01	8	08	2	0	3	8,1	5	39	21													170
CENTRAL SÛDÂN: WAD MEDANI	01	8	04	2	1	4	6	7	35	44													171
RENK	01	9	20	3	1	4	8	—	33	53													182
ROSEIRES	01	8	32	1	0	4	8	—	33	53													172
EL OBEID	22	9	22	1	1	5	9,4	6	34	36													174
EL FÂSHER																							175
GENEINA	01	8	04	2	1	5	8,2	—	33	36													179
KADUGLI	02	8	20	4	1	7	9	9	26	94													187
S. SÛDÂN: MALAKÂL	02	8	20	2	6	7	9,4	11	27	70													176
WÂU																							177
JUBA																							178

UPPER WINDS ON 25th — الرياح العليا يوم ٢٥

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	12 h 30 m.	12 h 30 m.	h. m.	13 h. m.	13 h. m.	h. m.	13 h 15 m.	h. m.	13 h. m.	13 h. m.	13 h. m.	h. m.	13 h 15 m.
	03 34 05	03 36 10		03 01 20	03 03 10		09 09 15		09 02 15	09 07 10	09 16 05		09 10 25
	06 02 05	06 36 05		06 02 30	06 04 15		15 13 10		15 07 15	15 06 15	15 15 15		15 11 40
	09 05 10	09 36 10		09 36 20	09 02 15		21 11 20		21 04 25	21 08 15	21 13 15		21 23 10
	15 01 05	15 04 10		15 32 30	15 34 20		27 14 20		24 05 30	27 12 20	27 10 30		27 14 05
				21 27 30	21 31 35		33 13 35		27 06 30	33 12 20	33 11 25		33 19 10
				30 28 25			36 15 30			39 12 30	39 11 15		39 15 10
				33 38 45									
				36 31 50									

Remarks

Hours are Egyptian standard time, long 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	26th	9152	7545
	25th	9489	7671

STATION	Mean of day: Humidity % on 25th	Diff from normal	Wet Bulb Temp °C on 25th	Diff from normal
Alexandria	63	−4	22.7	+1.6
Ezbekiya	60	−5	21.9	+1.2
Giza	65	−3	22.2	+1.7
Helwân	50	−4	20.5	+1.5

GÎZA — GRASS MINIMUM TEMP. ON 26th 18.2 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 26th 26.6 °C

GAUGE	Date	Reading	Diff from normal	Previous day Reading	Previous day Diff. from normal
	1946	m.	m.	m.	m.
Jûba				13.58	−0.17
Nâsser				10.94	+0.56
Malakâl		12.82	+0.65	12.81	+0.65
J. Aulia Res.				377.27	—
J. Aulia D.S	26th			375.09	0.00
Roseires		17.97	+0.05	18.18	+0.19
Sennar Res.				17.19	—
Khartûm				15.28	0.00
Kh. el Girba					
'Atbara		14.66	+0.26	14.79	+0.34
Kajnarti				142.04	+1.04
Aswân Res.		115.34	—	115.46	—
Aswân D.S		93.90	+1.16	93.05	+1.27
Roda (Cairo)		20.20	+1.59	20.23	+1.61

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on THURSDAY 26th — الساعة ٨ يوم الخميس ٢٦

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total From Oct. 1 mms	Norm. From Oct. 1 mms
MEDITERRANEAN: SALÛM												—		—				100
MATRÛH	01	9	04	1	0	4	8	18.0	+3.0	26.0	29	+1	22	+2	69	0	101	161
MARIUT	01	8	32	1	1	4	8	17	—	28	30	—	20	—	62	0	187	138
ALEXANDRIA	01	9	04	1	1	4	4	17.0	+2.2	26.6	31	+2	24	+2	65	0	170	187
DAMIETTA	00	7	04	1	1	2	8	16.7	+2.7	27.0	30	—	21	—	69	0	81	106
PORT SA'ÎD	00	8	30	2	0	3	8	16.7	+3.6	27.6	32	+2	23	+1	63	0	71	81
EL 'ARÎSH	00	9	20	1	1	3	8	16.3	+2.4	28.7	30	+1	22	+3	64	0	—	94
LOWER EGYPT: DAMANHÛR	00	6	32	2	0	0	—	17.2	+2.5	24.3	31	0	20	+2	83	0	92	101
MANSÛRA	00	8	02	1	0	0	—	17.4	+3.0	26.0	33	+1	22	+3	73	0	46	65
TANTA	00	8	00	0	0	0	—	17.5	+2.8	25.4	32	0	18	+1	77	0	107	44
ZAGAZIG	00	6	32	2	0	0	—	16.8	+2.0	24.8	32	0	20	+3	80	0	24	27
SHEBÎN EL KÔM	01	8	02	2	1	3	8	15.6?	+1.0	27.4	33	—	20	—	66	0	36	—
MIDDLE EGYPT: CAIRO ALMAZA	00	7	04	1	0	0	—	17.1	+2.8	24.6	33	—	20	—	73	0	10	—
CAIRO EZBEKÎYA	05	6	02	2	0	0	—	17.2	+2.9	28.7	33	+1	21	+2	77	0	22	26
CAIRO GÎZA	00	6	02	1	0	0	—	17.1	+2.7	24.9	32	+1	20	+3	75	0	41	27
HELWÂN	00	7	04	2	0	0	—	17.0	+2.8	25.0	33	+1	21	+1	68	0	20	29
SUEZ	00	9	02	2	0	0	—	16.0	+2.9	27.3	34	+1	22	+1	62	0	—	17
UPPER EGYPT: FAIYÛM	01	8	02	2	1	3	8	17.0	+2.5	25.0	33	0	21	+2	74	0	13	8
MINYA	01	8	30	3	1	3	2	15.8	+2.0	24.8	34	+2	20	+1	75	0	dr.	—
ASYÛT	00	7	22	1	0	0	—	15.0	+1.9	26.8	37	+5	21	+1	44	0	0	4
NAG HAMÂDI	00	8	00	0	0	0	—	12.8?	+1.1	28.9	38	—	20	—	62	0	1	—
QENA	01	8	32	1	0	3	1	13.6	+1.8	29.0	42	+5	23	+2	42	0	13	—
LUXOR	00	7	28	1	0	0	—	13.5	+2.0	30.0	40	+4 (struck)	22	+1 (struck)	41	0	0	—
ASWÂN	00	9	32	2	0	0	—	12.6	+1.8	32.0	43	+4	26	+3	26	0	dr.	—
WESTERN DESERT: SÎWA	00	7	00	0	0	0	—	16.4	+0.2	25.2	36	+2	20	+3	77	0	5	8
BAHARÎYA	00	9	00	0	0	0	—	—	—	27.5	37	+4	20	+3	54	0	0	7
KHÂRGA	02	9	30	1,	2	5	4	13.4	+0.8	28.9	41	+5	27?	+7	45	0	1	—
DÂKHLA	00	8	32	1	0	0	—	14.4	+1.0	29.5	41	+6	25	+5	37	0	0	—
RED SEA: TÔR	00	7	28	4	0	0	—	—	—	26.2	32	+1	—	—	59	0	0	13
HURGHÂDA	00	8	30	4	0	0	—	—	—	28.4	34	+2	22	0	48	0	1	3
QUSEIR	00	8	32	3	0	0	—	12.7	+1.8	28.8	33	+1	25	0	55	0	11	4
PORT SÛDÂN	00	8	04	1	0	0	—	11		36					37	0	73	106
NORTH SÛDÂN: WÂDI HALFA	00	8	32	1	0	2	4,1	11		32					20	0	tr.	—
KAREIMA	18	6	24	5	0	4	1	12		30					43	4	29	27
'ATBARA	00	8	20	1	1	3	1	11		29					47	0	95	69
KHARTÛM	00	8	06	3	0	2	1	13		27					66	5	221	162
KASSALA	00	8	18	2	0	0	—	14?		27					66	0	385	320
CENTRAL SÛDÂN: WAD MEDANI	00	9	20	4	0	3	4	13		25					79	0	543	392
RENK	01	9	16	3	2	4	3	12		26		—		—	70	—	—	508
ROSEIRES																—	778	802
EL OBEID	01	9	28	3	1	4	4	13		23					84	55	648	363
EL FÂSHER	02	9	20	3	1	5	6	—	—	22					78	0	270	309
GENEINA								—	—			—		—		—	—	563
KADUGLI	01	8	04	2	1	4	9	13		24		—		—	69	—	—	729
S. SÛDÂN: MALAKÂL	02	8	02	3	1	5	4,5	13		24					84	73	1053	814
WÂU	03	8	32	1	2	8	6	13		23					94	17	1142	1081
JUBA	01	8	04	1	0	4	4,1	14		25					79	0	1175	948

UPPER WINDS ON 26th — الرياح العليا يوم ٢٦

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	6 h 45 m.	7 h. m.	10 h. m.	7 h. m.	h. m.	7 h 30 m.	7 h. m.	7 h 30 m.	7 h. m.	h. m.	6 h 30 m.
	03 36 15	03 35 05	02 03 25	03 01 30		08 01 15	02 01 15	09 05 40	09 13 30		09 07 20
	06 34 15	06 01 05	05 04 20	06 02 30		06 02 35	05 04 40	15 08 45	15 12 40		15 06 15
	09 32 15	09 36 10	10 01 25	09 01 15		09 02 35	10 03 55		21 10 30		21 25 30
	15 29 25		15 33 30	15 36 25		15 01 40	15 02 40		27 09 25		24 23 20
	21 29 20		20 31 35	21 30 20		21 34 40	20 03 20		33 10 20		30 20 15
	30 28 35		25 29 40	30 28 25		29 09 30	25 08 05				
	36 01 02		30 29 50	39 28 40			30 02 05				
							40 18 15				
							50 10 10				

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. m.	6 h 45 m.	7 h. m.	7 h 30 m.	h. m.	7 h. m.
09 20 20	09 02 45	09 31 15	09 31 25		09 36 25
15 25 50	15 01 30	15 01 15	15 29 15		15 02 10
21 25 15	21 08 15	21 05 15	21 27 20		21 02 10
27 16 10	27 05 20		27 27 10		27 07 30
33 16 10	33 06 20				29 05 20
39 28 05					

UPPER AIR TEMP. ALMÂZA AT 6h. G.M.T. ON 26th.

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	1007	73	68
500	990	72	67
1000	971	71	66
1500	953	70	65
2000	936	68	63
4000	870	69	49
6000	807	68	51
8000	748	60	45
10000	693	50	38
12000	641	44	31
14000	591	33	24
16000	545	25	19

CYPRUS SYNOPTIC 8h. ON 26th.
34700 00990 08200 15281 80405 00200
34810 00862 24302 14241 40300 00200

ANNUAL SUBSCRIPTION P.T. 150

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

Time of Sunrise 05 46 h. m.
Sunset 17 47 h. m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.O.

DAILY WEATHER REPORT

Month SEPTEMBER 1946 — شهر سبتمبر ١٩٤٦

At 14h. on THURSDAY 26th. — الساعة ١٤ يوم الخميس ٢٦

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 8-14 hr. mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	9	32	2	1	0	—	17.5	27.4	63	0	131
MARIUT	01	8	28	2	1	4	8	17	29	59	0	150
ALEXANDRIA	01	9	02	2	2	4	8	16.3	29.0	52	0	132
DAMIETTA	00	8	28	3	1	2	8	15.6	28.0	60	0	159
PORT SA'ÎD	00	8	21	3	0	1	1	15.8	29.6	57	0	134
EL 'ARÎSH	00	9	32	4	0	0	—	15.1	28.1	64	0	135
LOWER EGYPT												
DAMANHÛR	01	7	24	4	1	4	8	15.8	30.0	53	0	136
MANSÛRA	01	8	32	2	1	4	8	15.5	31.5	47	0	137
TANTA	00	8	32	1	0	0	—	15.9	30.6	49	0	138
ZAGAZIG	00	6	32	2	0	0	—	15.5	31.4	49	0	139
SHEBÎN EL KÔM	01	8	04	3	1	4	8	14.6	32.6	34	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	00	8	02	1	0	0	—	14.5	31.3	39	0	141
CAIRO EZBEKÎYA	00	8	02	3	0	0	—	15.5	32.2	42	0	—
CAIRO GÎZA	00	8	02	2	0	0	—	15.5	31.4	45	0	—
HELWÂN	00	7	32	3	0	0	—	14.7	31.9	30	0	143
SUEZ	00	9	02	1	0	0	—	14.7	31.7	33	0	144
UPPER EGYPT												
FAIYÛM	00	8	32	3	0	0	—	14.8	32.2	29	0	153
MINYA	00	8	32	4	0	0	—	13.6	33.3	29	0	154
ASYÛT	00	8	32	1	0	0	—	12.8	36.0	25	0	155
NAG' HAMÂDI	02	8	00	0	2	5	4	11.0	33.3	42	0	164
QENA	01	9	24	1	1	4	3	11.2	39.4	27	0	156
LUXOR												157
ASWÂN	00	9	30	2	0	0	—	8.8	41.8	08	0	158
WESTERN DESERT												
SÎWA	00	8	00	0	0	0	—	16.8	34.4	25	0	148
BAHARÎYA	00	9	32	1	0	0	—	15.5	35.2	31	0	149
KHÂRGA	02	9	28	1	2	5	5	11.8	38.9	14	0	151
DAKHLA	00	9	32	1	0	0	—	10.0	39.0	22	0	152
RED SEA												
TÔR	00	7	28	4	0	0	—	12.0	29.8	55	0	145
HURGHÂDA	00	8	32	3	0	0	—	—	30.4	62	0	146
QUSEIR	00	8	32	2	0	0	—	11.9	32.2	53	0	147
PORT SÛDÂN	00	7	04	4	0	1	4	8	36	59		248
NORTH SÛDÂN												
WÂDI HALFA	01	8	32	2	1	4	4,1	8	42	08		165
KAREIMA	05	6	28	2	3	3	2	8	38	17		166
'ATBARA	00	8	28	3	0	2	8	8	38	19		167
KHARTÛM	00	8	28	3	0	1	8	8	35	35		209
KASSALA	00	8	22	1	0	2	8	6	37	33		170
CENTRAL SÛDÂN												
WAD MEDANI	01	8	32	1	0	3	6	7	35	35		171
RENK	01	9	28	3	1	4	8	7	32	49		182
ROSEIRES	00	8	24	2	0	2	8	—	32	43		172
EL OBEID	01	9	00	0	0	4	7,4	9	30	55		174
EL FÂSHER	01	9	16	1	1	5	4,1	—	27	52		175
GENEINA								—				179
KADUGLI	01	8	28	2	1	4	9	10	32	41		187
S. SÛDÂN												
MALAKÂL	01	8	22	2	1	4	8	9	32	52		176
WÂU	22	8	00	0	5	5	6,8	9	28	74		177
JUBA	01	8	02	2	1	3	8	8	34	39		178

At 20h. on 26th — الساعة ٢٠ يوم الخميس ٢٦

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 14-20 hr. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	7	32	2	0	0	—	17.5	25.4	67	0
MARIUT	01	7	31	1	0	3	6	16	25	74	0
ALEXANDRIA	01	6	02	3	2	3	4	—	26.2	60	0
DAMIETTA	00	7	30	1	1	2	8	15.8	25.0	76	0
PORT SA'ÎD	01	8	26	2	1	4	6	15.8	25.7	71	0
EL 'ARÎSH	01	9	00	0	0	3	—	15.2	26.6	63	0
LOWER EGYPT											
DAMANHÛR	00	7	32	3	1	0	—	15.6	24.3	81	0
MANSÛRA	00	6	28	2	1	0	—	15.8	24.6	73	0
TANTA	00	8	00	0	0	0	—	17.0	25.0	72	0
ZAGAZIG	00	6	30	2	0	0	—	17.1	25.6	75	0
SHEBÎN EL KÔM	00	7	02	2	0	0	—	15.4	26.6	72	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	7	02	3	0	0	—	15.0	28.2	52	0
CAIRO EZBEKÎYA	00	6	02	2	0	0	—	15.9	27.0	61	0
CAIRO GÎZA	00	7	00	0	0	0	—	15.4	26.6	66	0
HELWÂN	00	6	32	1	0	0	—	15.2	27.8	52	0
SUEZ	00	9	02	1	0	0	—	15.4	29.4	55	0
UPPER EGYPT											
FAIYÛM	00	8	02	1	0	0	—	15.1	27.6	53	0
MINYA	00	8	30	2	0	0	—	14.3	28.7	52	0
ASYÛT	00	6	22	1	0	0	—	13.2	28.8	47	0
NAG' HAMÂDI	02	8	00	0	2	5	4	11.8	26.8	66	0
QENA	01	6	24	1	1	4	3	11.5	34.0	24	0
LUXOR	00	6	28	1	0	0	—	11.4	30.4	34	0
ASWÂN	00	9	32	2	0	0	—	9.4	36.7	17	0
WESTERN DESERT											
SÎWA	02	—	00	0	1	5	5	16.2	30.0	36	0
BAHARÎYA	00	—	00	0	0	0	—	15.4	25.0	61	0
KHÂRGA	00	—	28	3	0	0	—	12.0	34.7	22	0
DAKHLA	00	7	32	2	0	0	—	14.6	29.0	—	0
RED SEA											
TÔR	00	7	28	5	0	0	—	10.6	21.1	36	0
HURGHÂDA	00	8	02	2	0	0	—	—	27.3	43	0
QUSEIR	00	8	32	2	0	0	—	11.6	29.5	46	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 26th — الرياح العليا يوم ٢٦

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13h. m.	13h. m.	13h. m.	13h. m.	13h. m.	13h. m.
		12h30m.			12h15m.			03 28 05	03 36 10	03 12 05	03 26 05	03 02 05	03 36 05
		03 34 15			03 03 30			15 28 10	15 06 10	15 25 05	15 00 00	15 05 05	15 07 10
		06 22 10			06 02 30				21 08 20	21 26 05	21 11 05	21 11 05	21 07 15
		09 29 05			09 02 30				24 08 20	27 11 10	27 15 05		
		15 31 20			15 35 35				30 09 30	33 09 15	33 11 10		
		21 28 35								39 12 25	39 12 15		
		27 28 55											

At 8h. on FRIDAY 27th — الساعة ٨ يوم الجمعة ٢٧

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Temp. Dry Bulb °C (TTT)	Maximum Yesterday °C (MM)	Maximum Diff. from norm. °C	Minimum Today °C (mm)	Minimum Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms.	Rainfall Total from Oct. 1 mms.	Rainfall Norm from Oct. 1 mms.
MEDITERRANEAN																		
SALÛM													—		—			100
MATRÛH	00	9	27	2	0	0	—	15.1	+0.7	25.6	28	0	20	0	72	0	101	161
MARIUT	01	8	28	1	0	4	8	15		28	30	—	23	—	62	0	187	138
ALEXANDRIA	02	9	04	2	2	5	8	15.6	+0.7	28.0	31	+2	24	+2	57	0	170	187
DAMIETTA	01	7	20	2	1	4	4	14.6	+0.5	27.0	29	—	21	—	68	0	81	106
PORT SA'ÎD	01	8	26	3	1	4	4	14.8	+1.6	26.8	31	+1	24	+2	68	0	71	81
EL 'ARÎSH	01	9	18	1	0	3	3	14.7	+0.7	27.4	30	+1	22	+3	62	0	—	94
LOWER EGYPT																		
DAMANHÛR	01	6	28	3	1	3	8	15.5	+0.7	24.2	31	0	20	+2	82	0	92	101
MANSÛRA	01	8	12	1	1	4	6	15.2	+0.7	25.5	33	+1	20	+1	76	0	66	55
TANTA	00	8	24	1	0	0	—	15.6	+0.7	25.6	32	0	18	+1	75	0	107	44
ZAGAZIG	02	6	22	1	2	5	8	—	—	26.6	32	0	20	+3	75	0	24	27
SHEBÎN EL KÔM	01	8	24	2	1	3	8	15.1	+0.4	25.2	34	—	20	—	72	0	36	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	00	0	1	3	4	15.4	+1.0	25.3	32	—	21	—	68	0	10	—
CAIRO EZBEKÎYA	05	6	02	2	1	4	2	15.5	+1.1	24.8	33	+1	22	+3	72	0	22	26
CAIRO GÎZA	00	6	30	1	1	2	8	15.6	+1.1	24.9	33	+2	20	+3	77	0	41	27
HELWÂN	01	7	32	2	1	5	4	15.6	+1.3	24.4	32	+1	21	+2	72	0	20	29
SUEZ	00	9	02	1	0	0	—	—	—	26.0	34	+2	20	-1	69	0	—	17
UPPER EGYPT																		
FAIYÛM	01	8	02	3	1	3	8	15.2	+0.6	24.9	33	0	20	+1	70	0	13	8
MINYA	02	8	02	2	2	5	4	14.4	+0.5	26.0	33	+1	22	+3	68	0	dr.	—
ASYÛT	01	7	18	1	1	5	6	14.2	+1.0	26.	37	+5	23	+3	63	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	12.6	+0.8	28.8	36	—	21	—	64	0	1	—
QENA	00	8	24	1	0	0	—	12.0	+0.1	28.6	40	+3	25	+4	57	0	13	—
LUXOR	00	7	28	1	0	0	—	12.4	+0.8	30.4	40	+1	24	+3	40	0	0	—
ASWÂN	00	9	32	2	0	0	—	11.4	+0.5	30.7	43	+5	26	+3	30	0	dr.	
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	16.7	+0.5	25.0	35	+1	19	+2	61	dr.	5	8
BAHARÎYA	01	9	32	1	0	0	—	16.4	+1.2	26.0	36	+3	21	+4	62	0	0	7
KHÂRGA	00	9	04	2	0	0	—	13.6	+0.9	29.5	41	+5	27	+7	34	0	1	—
DAKHLA	00	8	12	1	0	0	—	13.4	-0.1	29.5	40	+5	26	+6	38	0	0	—
RED SEA																		
TÔR	00	7	28	4	0	0	—	11.8	+0.9	28.5	31	+1	—	—	54	0	0	13
HURGHÂDA	00	8	30	4	0	0	—	—	—	29.2	33	+1	23	+1	54	0	1	3
QUSEIR	00	8	30	2	0	0	—	11.5	+0.5	29.8	34	+2	27	+2	49	0	11	4
PORT SÛDÂN	00	8	02	2	0	0	—	9		33					41	0	73	106
NORTH SÛDÂN																		
WÂDI HALFA	00	8	32	1	0	3	4	10		30					27	0	dr.	—
KAREIMA	00	7	00	0	0	0	—	8		29					49	0	29	27
'ATBARA	02	8	28	3	0	8	4	8		32					28	0	45	70
KHARTÛM	00	7	30	3	0	0	—	8		31					38	0	221	162
KASSALA	00	8	18	3	0	0	—	9		30					59	0	385	321
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	24	3	0	0	—	9		28					66	0	543	393
RENK	01	9	16	3	1	4	3	9		28		—		—	70	—	—	510
ROSEIRES																0	778	804
EL OBEID	00	9	00	0	0	0	—	10		27					70	0	648	365
EL FÂSHER	01	9	00	0	1	5	4,5	—	—	23					78	0	270	309
GENEINA	02	8	18	2	1	5	4	—	—	22		—		—	83	—	—	564
KADUGLI	00	8	28	3	1	3	1	11		24		—		—	74	—	—	734
S. SÛDÂN																		
MALAKÂL	00	8	00	0	1	2	4	10		27					84	0	1053	817
WÂU	00	8	30	2	0	0	—	10		24					89	tr.	1142	1086
JUBA	00	8	16	2	0	2	4	11		25					84	0	1175	951

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 27th — الرياح العليا يوم ٢٧

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	Hurghada	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	6h30m.	h. m.	7h. m.	7h. m.	7h. m.	6h30m.
	03 23 30				03 32 50	03 36 20		07 07 45	09 04 30	09 23 25	09 36 25
	06 33 30				06 36 50	06 02 30		15 08 40	15 08 20	15 35 25	12 01 35
	09 32 20				09 34 40	09 03 30		21 06 20	21 07 15	21 03 20	
	15 29 30					15 36 30		27 02 10		27 03 35	
	21 25 30					21 01 40		33 31 05		33 04 30	
						30 12 40		39 22 15		39 04 30	

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6h45m.	h. m.	7h. m.	h. m.	7h. m.	7h. m.
09 19 20	09 01 45	09 32 15		09 06 20	09 08 10
15 17 05	15 03 35	15 35 20		15 08 20	15 04 15
21 14 05	21 04 30	21 03 20		21 09 20	21 02 15
27 26 15	27 02 25	27 04 35		27 10 20	27 02 30
33 04 30	33 03 20	33 05 35		33 11 30	33 03 25
39 04 35		39 10 35			39 04 30
					45 04 40

UPPER AIR TEMP. ALMÂZA AT 6h. G.M.T. ON 27th.

HEIGHT FEET	P.P.P. m.b.	T.T. °F	t.t. °F
Surface	1006	73	68
500	989	72	67
1000	970	70	66
1500	952	68	66
2000	935	66	63
4000	869	68	48
6000	806	65	51
8000	747	55	44
10000	692	45	39
12000	640	37	29
14000	591	31	27
16000	545	25	22

CYPRUS SYNOPTIC 8h. ON 27th.

34700 00990 00001 12297X XXXXX 00XXX

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	27th	8873	7769
	26th	9152	7545

STATION	Mean of day Humidity % on 26th	Humidity Diff from normal	Wet Bulb Temp °C on 26th	Wet Bulb Temp Diff from normal
Alexandria	60	-7	21.7	+0.6
Ezbekiya	63	-2	21.9	+1.3
Gîza	65	-3	22.3	+1.8
Helwân	56	+2	20.8	+0.3

GÎZA — GRASS MINIMUM TEMP. ON 27th 18.2° C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 27th 26.4° C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	27th			13.58	-0.17
Nasser		10.98	+0.58	10.96	+0.57
Malakâl		12.82	+0.64	12.82	+0.65
J. Aulia Res.				377.29	—
J. Aulia D.S				375.01	-0.06
Roseires		17.75	-0.08	17.97	+0.05
Sennar Res.				17.18	—
Khartûm		15.14	-0.06	15.20	-0.03
Kh. el Girba				12.80	+0.12
'Atbara		14.56	+0.21	14.66	+0.26
Kajnarti		141.92	+1.04	142.03	+1.09
Aswân Res.		115.32	—	115.34	—
Aswân D.S		92.75	+1.05	92.90	+1.16
Roda (Cairo)		20.18	+1.58	20.20	+1.59

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	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
Dustatorm	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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, 1945 (45/306)

ANNUAL SUBSCRIPTION P.T. 150

Sunset h. m. 17 45

Month *September* 1946

DAILY WEATHER REPORT

شهر سبتمبر ١٩٤٦

At 14h. on 27th Friday — At 20h. on 27th (الجمعة ٢٧)

Region	Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
Mediterranean	SALÛM																							130
	MATRÛH	00	9	30	3	0	0	—	14.6	27.0	72	0	00	8	00	0	0	0	—	14.8	25.0	76	0	131
	MARIUT												00	7	29	1	0	2	6	14	25	74	0	150
	ALEXANDRIA	01	9	28	3	2	4	4	14.2	29.0	52	0	01	6	32	2	2	3	4	14.6	26.0	62	0	132
	DAMIETTA	00	8	28	3	1	2	8	12.7	27.9	63	0	01	7	28	1	1	3	8	13.0	25.0	76	0	159
	PORT SA'ÎD	01	8	30	2	1	3	8	13.1	30.1	53	0	00	8	30	3	0	3	8	13.4	25.7	72	0	134
	EL 'ARÎSH	00	9	28	3	0	0	—	12.3	28.8	61	0	00	9	28	2	0	0	—	12.6	26.2	73	0	135
Lower Egypt	DAMANHÛR	01	7	24	3	1	3	8	14.2	30.3	41	0	00	7	23	2	1	0	—	13.5	24.8	80	0	136
	MANSÛRA	01	8	02	1	1	4	8	12.8	31.5	44	0	00	6	32	2	1	0	—	13.5	25.0	76	0	137
	TANTA	00	8	28	1	0	0	—	13.2	31.0	48	0	01	8	24	1	1	4	8	14.6	23.4	73	0	138
	ZAGAZIG	01	6	20	2	1	3	8	13.2	31.6	51	0	00	6	30	2	0	0	—	12.4	25.2	82	0	139
	SHEBÎN EL KÔM	01	8	02	3	0	3	8	12.7	32.2	43	0	00	7	02	2	0	0	—	12.4	24.4	79	0	—
Middle Egypt	CAIRO ALMÂZA												00	7	02	2	0	0	—	13.1	27.2	57	0	141
	CAIRO EZBEKÎYA	00	8	30	2	0	0	—	12.8	31.5	63	0	00	6	02	2	0	0	—	13.5	26.5	62	0	—
	CAIRO GÎZA	00	7	04	1	0	0	—	13.9	30.5	49	0	00	7	00	0	0	0	—	13.5	27.0	63	0	—
	HELWÂN	00	7	32	2	0	0	—	12.3	31.3	32	0	00	6	30	2	0	0	—	13.0	27.6	46	0	143
	SUEZ	00	9	30	1	0	0	—	12.4	32.2	30	0	00	9	30	1	0	0	—	11.9	28.8	46	0	144
Upper Egypt	FAIYÛM	00	8	30	2	0	0	-	12.6	31.4	36	0	00	8	32	1	0	0	—	12.7	25.3	71	0	153
	MINYA	00	8	32	4	1	0	—	11.8	33.7	28	0	02	8	30	2	2	6	5	11.8	29.8	41	0	154
	ASYÛT	00	8	22	1	1	0	—	11.1	34.1	32	0	00	6	28	1	0	0	-	11.6	30.0	47	0	155
	NAG' HAMÂDI	00	8	24	1	0	0	—	9.2	36.8	32	0	00	8	24	1	0	0	—	10.2	29.8	46	0	164
	QENA	00	9	24	1	0	0	—	8.3	37.4	33	0	00	6	26	2	0	0	—	9.1	33.3	28	0	156
	LUXOR	00	7	30	2	0	0	—	9.6	40.5	32	0	00	6	28	3	0	0	—	9.9	33.4	24	0	157
	ASWÂN	00	9	32	3	0	0	—	6.4	41.6	09	0	05	5	32	5	0	0	—	7.8	36.8	18	0	158
Western Desert	SÎWA	00	8	00	0	0	0	—	16.0	34.0	46	0	00	—	00	0	0	0	—	14.0	30.0	41	0	148
	BAHARÎYA												00	—	00	0	0	0	—	—	25.5	58	0	149
	KHÂRGA	01	9	32	1	1	4	4	—	39.1	14	0	01	9	32	3	1	3	4	11.0	35.1	18	0	151
	DAKHLA	00	9	32	1	0	0	—	7.5	38.5	23	0	00	7	32	1	0	0	—	13.0	29.4	37	0	152
Red Sea	TÔR	00	7	28	5	0	0	—	10.3	29.9	64	0	00	7	28	4	0	0	—	—	31.2	62	0	145
	HURGHÂDA	00	8	32	4	0	0	—	—	33.6	31	0	00	8	32	2	0	0	—	—	28.2	47	0	146
	QUSEIR	00	8	32	3	0	0	—	10.4	32.4	54	0	01	8	04	1	0	0	—	10.2	29.7	64	0	147
	PORT SÛDÂN	00	7	04	3	0	0	—	5	35	50													268
North Sûdân	WÂDI HALFA	00	8	28	3	0	1	8	5	42	09	0												165
	KAREIMA	00	8	00	0	0	0	—	—	39	18	0												166
	'ATBARA	01	8	30	2	1	4	8,4	3	42	11	0												167
	KHARTÛM	01	7	32	4	0	3	8	3	41	14													268
	KASSALA	00	8	32	1	0	1	8	2	37	30													170
Central Sûdân	WAD MEDANI	01	6	10	5	5	3	8	3	38	25													171
	RENK																							182
	ROSEIRES	00	8	14	1	0	2	8	—	33	60													172
	EL OBEID	00	9	04	2	0	1	8	4	34	36													174
	EL FÂSHER	01	9	32	3	1	4	8	—	33	30													175
	GENEINA	01	8	02	2	1	4	8,4	—	32	41													179
	KADUGLI	01	8	04	3	1	4	9	6	34	36													187
S. Sûdân	MALAKÂL	00	7	02	3	0	2	8	5	33	56													176
	WÂU	01	7	30	3	1	5	8	6	32	47													177
	JUBA	01	8	04	3	1	4	8	7	33	44													178

At 8h. on Saturday 28th (الساعة ٨ يوم السبت ٢٨)

Region	Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm.	Min. Today °C	Min. Diff. from norm.	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm. from Oct. 1 mms
Mediterranean	SALÛM												—		—				100
	MATRÛH	00	9	28	1	0	3	8	13.6	-1.6	25.0	28	0	20	0	77	0	101	161
	MARIUT	01	8	31	1	0	3	6	13		28	30	—	23	—	62	0	187	138
	ALEXANDRIA	01	9	00	0	2	3	8	12.3	-2.7	27.8	31	+2	24	+2	60	0	170	187
	DAMIETTA	01	7	16	2	1	4	3	12.7	-1.5	25.2	29	—	21	—	78	0	81	106
	PORT SA'ÎD	01	8	22	3	1	4	1	12.7	-0.7	25.8	32	+2	24	+2	75	0	71	81
	EL 'ARÎSH	00	9	20	1	0	3	3	12.8	-1.3	27.1	30	+1	24	+5	75	0	—	94
Lower Egypt	DAMANHÛR	01	6	24	2	1	4	8	13.1	-1.8	23.8	31	0	20	+2	83	0	92	101
	MANSÛRA	01	8	04	1	1	4	6	11.8	-2.8	25.5	33	+1	20	+1	78	0	66	55
	TANTA	01	8	20	1	1	4	8	13.8	-1.2	25.0	31	-1	19	+2	80	0	107	44
	ZAGAZIG	01	6	22	2	1	4	8	13.4	-1.6	26.8	32	0	20	+3	77	0	24	27
	SHEBÎN EL KÔM	00	8	22	2	0	2	8	13.0	-1.8	25.8	33	—	20	—	73	0	36	—
Middle Egypt	CAIRO ALMAZA	03	7	00	0	2	8	4	13.2	-1.3	25.0	32	—	21	—	74	0	10	—
	CAIRO EZBEKÎYA	05	6	04	1	1	5	1	12.5	-1.0	24.0	33	+1	21	+2	75	0	22	26
	CAIRO GÎZA	01	6	00	0	1	4	4	13.5	-1.1	23.8	32	+1	18	+1	85	0	41	27
	HELWÂN	02	7	00	0	2	6	3	13.5	-0.9	23.8	32	+1	19	+2	76	0	20	29
	SUEZ	00	9	32	1	0	0	—	12.8	-0.6	27.9	33	+1	23	+2	66	0	—	17
Upper Egypt	FAIYÛM	02	8	02	1	2	5	8	13.9	-0.8	24.8	33	0	20	+1	73	0	13	8
	MINYA	01	9	32	1	1	3	2	13.7	-1.3	26.6	34	+3	20	+1	65	0	dr	—
	ASYÛT	00	7	22	1	0	0	—	12.4	-0.7	28.0	36	+4	22	+2	56	0	0	4
	NAG' HAMÂDI	00	8	00	0	0	0	—	10.8	-1.1	28.8	38	—	22	—	64	0	1	—
	QENA	01	8	02	1	0	3	1	10.7	-1.3	29.0	40	+3	25	+4	47	0	13	—
	LUXOR	00	7	28	1	0	0	—	10.8	-0.9	30.0	41	+2	24	+3	41	0	0	—
	ASWÂN	00	9	30	1	0	0	—	9.4	-1.6	30.0	43	+5	27	+4	28	0	dr	
Western Desert	SÎWA	00	7	00	0	0	0	—	14.6	-1.7	25.3	36	+2	17	0	60	0	5	8
	BAHARÎYA	00	7	00	0	0	0	—	14.4	-0.9	26.0	35	+2	20	+3	62	0	0	7
	KHÂRGA	01	9	02	3	0	3	1	11.2	-1.6	28.7	40	+4	27	+7	46	0	1	—
	DÂKHLA	00	8	04	1	0	0	—	11.8	-1.7	28.0	37	+4	24	+4	47	0	0	—
Red Sea	TÔR	00	7	28	3	0	0	—	9.5	-1.5	27.9	33	+3	—	—	57	0	0	13
	HURGHÂDA	00	8	29	2	0	0	—	—	—	29.2	34	+2	24	+2	50	0	1	3
	QUSEIR	00	8	32	4	0	0	—	9.6	-1.5	30.0	34	+2	27	+2	53	0	11	4
	PORT SÛDÂN	00	8	30	2	0	0	—	7		33					47	0	73	106
North Sûdân	WÂDI HALFA	00	8	32	2	0	0	—	7		31					33	0	tr	—
	KAREIMA	01	8	06	2	0	3	4	7		30					25	0	29	27
	'ATBARA	00	8	08	1	0	0	—	6		33					20	0	95	70
	KHARTÛM	00	8	10	2	0	1	1	4		31					38	0	221	163
	KASSALA	00	8	00	0	0	0	—	4		31					55	0	385	323
Central Sûdân	WAD MEDANI	00	9	16	4	0	3	3	6		28					58	tr	543	395
	RENK												—		—		—	—	512
	ROSEIRES	00	8	04	1	0	2	1	7		26					55	0	778	806
	EL OBEID	02	6	18	1	1	8	2	5		28					66	0	648	366
	EL FÂSHER	00	9	32	1	0	0	—	—	—	24					65	0	270	310
	GENEINA	01	7	00	0	1	4	4	—	—	23		—		—	78	—	—	564
	KADUGLI	01	8	28	2	1	4	1	8		26		—		—	70	—	—	738
S. Sûdân	MALAKÂL	01	8	00	0	0	3	4	7		24					70	0	1053	820
	WÂU	00	8	00	0	0	2	1	7		26					79	0	1142	1091
	JUBA	01	8	16	2	1	5	2	9		25					84	0	1175	955

UPPER WINDS ON 27th الرياح العليا يوم ٢٧

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13 h. 15 m.	12 h. 45 m.	12 h. 30 m.	12 h. 45 m.	13 h. 15 m.	13 h. m.	12 h. 30 m.
							09 05 15	09 03 05	09 08 15	09 04 15	09 04 20	09 05 25	09 07 10
							15 06 15	15 06 10	15 07 15	15 04 15	15 04 10	15 05 30	15 06 15
							21 07 30	21 08 15	21 09 20	21 13 05	21 06 20	21 05 25	21 06 15
							27 09 30	27 07 20	24 05 20	27 10 05	27 09 30	27 05 40	27 06 15
							33 06 35	33 07 20				33 05 45	33 06 20
								39 07 15					39 05 20

REMARKS

Hours are Egyptian standard time, long 30 E and are two hours fast on Greenwich mean time.

Station	Mean of day: Humidity % on 27th	Diff. from normal	Wet bulb temp. °C on 27th	Diff. from normal
Alexandria	57	-10	21.8	+0.8
Ezbekîya	61	-4	21.8	+1.3
Gîza	65	-3	22.3	+1.9
Helwân	55	+1	20.4	+1.5

GÎZA — GRASS MINIMUM TEMP. ON 28th 16.0 °C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON 28th 26.3 °C

Discharges at Aswân measured by sluices m³ per sec. DATE	1946	1945
28.9	8875	7705
27.9	8873	7767

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	28.9				
Nâsser				10.98	+0.58
Malakâl		12.82	+0.64	12.82	+0.64
J. Aulia Res.					
J. Aulia D.S					
Roseires				17.75	-0.08
Sennar Res.					
Khartûm				15.14	-0.06
Kh. el Girba					
'Atbara				14.56	+0.21
Kajnarti		141.88	+1.04	141.92	+1.04
Aswân Res.		115.19		115.32	
Aswân D.S		92.75	+1.08	92.75	+1.05
Roda (Cairo)		20.16	+1.57	20.18	+1.58

Printed by the Survey of Egypt, 1945 (45/306)

UPPER WINDS ON 28th الرياح العليا يوم ٢٨

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	h. m.	h. m.	7 h. m.	h. m.	7 h. m.	7 h. 15 m.	7 h. m.	7 h. 15 m.	7 h. m.
					02 06 15		02 36 10	09 07 50	09 05 40	09 08 50	09 13 25
					05 03 40		05 04 35	15 06 15	15 04 30	15 08 55	15 08 15
					10 03 30		10 03 30	21 35 15	21 04 30	21 07 45	18 06 25
					15 01 20		15 03 30	27 31 10	09 06 20	24 07 40	30 06 30
							20 01 15	33 31 15		30 06 30	39 07 35
							25 34 10			39 01 25	
							30 34 25				
							35 36 15				
							40 01 15				

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	7 h. 15 m.	7 h. m.	h. m.	7 h. m.	7 h. m.
	09 01 55	09 20 —		09 09 05	09 19 15
	15 02 35	15 24 05		15 05 20	15 18 05
	21 05 20	21 23 15		21 06 15	21 28 15
		27 19 15		27 11 15	27 29 20
		33 16 25		33 11 20	33 30 20
				39 10 20	39 31 30

UPPER AIR TEMP. ALMÂZA AT 05 G.M.T. ON 28th

HEIGHT FEET	P.P.P. mb	T.T. °F	tt °F
Surface	1004	70	68
500	989	72	67
1000	968	71	66
1500	951	69	65
2000	934	67	63
4000	867	66	52
6000	804	58	42
8000	746	51	39
10000	690	43	33
12000	639	39	27
14000	590	35	26
16000	544	26	21

CYPRUS SYNOPTIC 8h. ON 28th

34800 00990 26101 11241 11401 00180

347xx 009xx 14100 18 27x

ANNUAL SUBSCRIPTION P.T. 150

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 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 AMOUNT (N)

- Clear 0
- Trace 1
- 1 Tenth 2
- 2, 3 Tenths 3
- 4, 5, 6 Tenths 4
- 7, 8 Tenths 5
- 9 Tenths 6
- Overcast 7
- Dust 8
- Fog 9

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.

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

DAILY WEATHER REPORT

Sunset 17 44 — Month SEPTEMBER 1946 — شهر سبتمبر ١٩٤٦

At 14h. on SATURDAY 28th (الساعة ١٤ يوم ٢٨) — At 20h. on 28th (الساعة ٢٠ يوم السبت ٢٨)

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	04	2	0	3	8	13.1	27.3	68	0	00	8	00	0	0	0	—	13.5	25.0	73	0	131
MARIUT	00	8	30	3	0	1	8,2	12	29	59	0	00	7	30	1	0	0	—	13	25	84	0	150
ALEXANDRIA	00	9	04	2	0	0	—	12.6	30.0	53	0	00	6	04	1	0	0	—	13.9	25.0	70	0	132
DAMIETTA	01	8	30	3	1	3	5	11.5	28.0	63	0	00	7	28	1	1	0	—	12.3	25.0	77	0	159
PORT SA'ÎD	01	8	30	2	1	4	2	11.9	29.6	62	0	00	8	32	2	0	2	8	13.0	25.4	75	0	134
EL 'ARÎSH	01	9	31	3	1	5	2	11.2	28.1	67	0	00	9	28	1	0	0	—	12.2	25.9	80	0	135
LOWER EGYPT																							
DAMANHÛR	01	7	28	4	1	3	8	12.2	30.3	50	0	00	6	32	3	1	0	—	13.0	24.8	77	0	136
MANSÛRA	01	8	28	2	1	4	8	11.4	32.2	45	0	00	6	02	1	1	0	—	12.6	24.4	79	0	137
TANTA	01	8	32	2	1	4	8	11.8	31.3	46	0	00	8	00	0	0	0	—	13.6	24.4	71	0	138
ZAGAZIG	02	6	24	2	2	5	8	11.8	30.8	56	0	00	6	32	2	0	0	—	13.4	25.2	79	0	139
SHEBÎN EL KÔM	00	8	30	3	0	2	8	11.2	31.8	46	0	00	7	30	2	0	0	—	12.6	24.2	76	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	02	8	28	1	1	5	2	10.8	31.6	24	0	00	7	04	2	0	0	—	12.6	27.4	62	0	141
CAIRO EZBEKÎYA	02	8	30	2	1	5	2	11.4	30.7	47	0	00	6	02	2	0	0	—	13.2	26.9	56	0	—
CAIRO GÎZA	00	7	28	1	1	2	8	11.6	31.0	43	0	00	7	00	0	0	0	—	12.6	24.1	79	0	—
HELWÂN	02	8	26	2	0	5	2	11.0	30.3	40	0	00	7	32	1	1	1	1	12.6	26.6	52	0	143
SUEZ	00	9	30	1	0	0	—	11.9	30.2	48	0	00	9	30	2	0	0	—	12.7	27.4	47	0	144
UPPER EGYPT																							
FAIYÛM	02	8	00	0	2	6	8	11.2	30.6	41	0	00	8	02	1	0	0	—	12.2	24.9	67	0	153
MINYA	02	8	30	3	2	5	—	11.9	33.9	30	0	02	8	32	1	2	8	2	12.0	28.6	48	0	154
ASYÛT	00	8	22	1	0	0	—	10.2	34.5	28	0	00	6	26	1	0	0	—	11.5	29.3	39	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	8.3	34.8	36	0	00	8	00	0	0	0	—	10.6	27.7	55	0	164
QENA	02	9	20	1	1	5	3	7.4	34.0	42	0	01	6	24	1	2	4	3	8.6	30.2	46	0	156
LUXOR	00	7	02	2	0	0	—	8.0	39.0	37	0	00	6	28	3	0	0	—	9.6	32.0	28	0	157
ASWÂN	00	9	00	0	0	0	—	5.2	41.0	12	0	00	9	32	4	0	0	—	7.5	36.4	16	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	—	14.2	34.0	36	0	00	—	00	0	0	0	—	13.1	28.4	49	0	148
BAHARÎYA	00	9	00	0	0	0	—	—	34.5	29	0	00	—	32	1	0	0	—	—	25.0	61	0	149
KHÂRGA	02	9	02	3	2	6	5	10.0	35.2	20	0	00	—	04	2	0	3	3	10.0	32.6	23	0	151
DAKHLA	00	9	08	1	0	0	—	—	38.0	23	0	00	7	08	1	0	0	—	12.0	28.2	44	0	152
RED SEA																							
TÔR	00	7	28	3	0	0	—	—	30.2	62	0	00	7	28	3	0	0	—	10.0	30.7	53	0	145
HURGHÂDA	01	8	32	3	1	3	1	—	32.2	41	0	01	8	24	2	1	5	5	—	28.6	40	0	146
QUSEIR	00	8	02	2	0	0	—	9.1	32.2	49	0	00	8	04	2	0	0	—	8.8	29.2	63	0	147
PORT SÛDÂN	00	7	02	4	0	0	—	4	35	50													208
NORTH SÛDÂN																							
WÂDI HALFA	00	8	04	2	0	3	8	4	42	09													165
KAREIMA	00	8	04	3	0	0	—	3	40	16													166
'ATBARA	00	7	10	3	0	1	8	1	41	13													167
KHARTÛM	01	8	08	2	1	4	8,2	1	40	14													200
KASSALA	01	7	04	3	0	3	8	0	42	17													170
CENTRAL SÛDÂN																							
WAD MEDANI	02	8	16	2	0	7	—	1	38	25													171
RENK	01	9	18	3	1	4	8	2	36	44													182
ROSEIRES	01	8	24	1	0	3	8	—	35	44													172
EL OBEID	02	8	20	1	1	8	4,2	1	36	33													174
EL FÂSHER																							175
GENEINA																							179
KADUGLI	02	8	28	3	1	6	9	4	31	55													187
S. SÛDÂN																							
MALAKÂL	01	8	18	1	1	4	8	—	34	50													176
WÂU																							177
JUBA	02	8	04	1	1	5	2,1	3	35	44													178

UPPER WINDS ON 28th (الرياح العليا يوم ٢٨)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	12h. 30m.	19h. 30m.	h. m.	13h. 15m.	12h. 30m.	h. m.	12h. 30m.	12h. 45m.	13h. m.	13h. m.	13h. m.	13h. m.	12h. 45m.
	03 32 40	03 31 05		03 34 10	03 02 15		09 03 15	09 06 30	09 06 10	09 05 15	09 25 05	09 10 10	09 14 05
	06 34 30	06 28 05		06 36 20	06 36 20		15 03 10	15 06 35	15 08 15	15 06 10	15 23 05	15 18 10	15 14 05
	09 32 10	09 30 05		09 36 20	09 36 30		21 07 10	21 09 30	21 08 30	21 07 15	21 25 10	21 16 15	21 13 15
	15 26 10	15 27 15		15 33 15	15 36 05		27 07 10	27 09 20	24 08 30	27 08 10	24 25 15	27 15 10	27 14 20
		21 26 10		21 32 30	21 30 30		33 31 30	33 05 05	30 09 30	33 07 30		33 16 10	33 11 15
		30 28 15		27 29 50	27 29 20			39 33 10	39 09 45	39 07 40			39 08 20
		45 26 55		30 30 45	30 28 30								

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	29th	8847	7347
	28th	8875	7705

STATION	Mean of day: Humidity % on 28th	Diff from normal	Wet bulb temp °C on 28th	Diff from normal
Alexandria	63	−4	22.1	+1.2
Ezbekîya	60	−5	21.5	+1.1
Gîza	77	+9	21.9	+1.6
Helwân	60	+6	20.6	+1.7

GÎZA — GRASS MINIMUM TEMP. ON 29th 16.8 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 29th 26.3 °C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser				10.99	+0.58
Malakâl		12.82	+0.63	12.82	+0.64
J. Aulia Res.				377.29	—
J. Aulia D.S				374.87	−0.16
Roseires	[illegible]	17.40	−0.27	17.59	−0.16
Sennar Res.				17.20	—
Khartûm	29			15.09	−0.08
Kh. el Girba					
'Atbara				14.48	+0.19
Kajnarti		141.76	+1.01	141.88	+1.04
Aswân Res.		115.08	—	115.19	—
Aswân D.S		92.75	+1.13	92.75	+1.08
Roda (Cairo)		20.09	+1.53	20.16	+1.59

Printed by the Survey of Egypt, 1945.(45/306)

At 8h. on SUNDAY 29th (الساعة ٨ يوم الأحد ٢٩)

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Total From Oct. 1 mms.	Norm From Oct 1 mms.
MEDITERRANEAN																		
SALÛM												—		—				100
MATRÛH	01	9	60	0	0	4	8	14.2	−1.1	26.0	28	c	21	+1	69	0	101	161
MARIUT	00	7	01	1	0	3	8	14	—	28	29	—	20	—	58	0	187	138
ALEXANDRIA	02	9	00	0	1	5	4	14.8	−0.3	27.4	31	+2	23	+1	60	0	170	187
DAMIETTA	04	5	00	0	0	1	6	13.5	−0.8	26.0	30	—	20	—	78	0	81	106
PORT SA'ÎD	00	8	02	2	0	2	4	13.5	0.0	27.4	31	+1	23	+1	66	0	71	81
EL 'ARÎSH	01	9	20	1	1	5	8	13.5	−0.7	25.9	31	+2	23	+4	76	0	—	94
LOWER EGYPT																		
DAMANHÛR	01	6	24	2	1	3	8	13.9	−1.1	23.6	31	0	20	+2	81	0	92	101
MANSÛRA	01	8	04	1	1	4	8	14.3	−0.4	25.0	34	+2	20	+1	80	0	66	55
TANTA	00	8	28	1	0	0	—	14.4	−0.7	25.0	32	0	18	+1	84	0	107	44
ZAGAZIG	01	6	24	2	1	4	8	14.0	−1.1	25.6	32	0	19	+2	78	0	24	27
SHEBÎN EL KÔM	00	8	02	2	0	0	—	13.6	−1.3	25.8	34	—	19	—	75	0	36	
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	00	0	0	0	—	13.8	−0.8	23.2	32	—	20	—	81	0	10	—
CAIRO EZBEKÎYA	09	5	32	1	0	3	0	14.2	−0.4	23.8	32	0	21	+2	78	0	22	26
CAIRO GÎZA	00	6	30	1	0	0	—	14.2	−0.5	23.0	31	0	18	+1	85	0	41	27
HELWÂN	09	6	00	0	0	0	—	14.0	−0.6	23.2	31	0	21	+4	80	0	20	29
SUEZ	00	9	28	2	0	0	—	14.7	+1.2	28.2	31	−1	23	+2	63	0	—	17
UPPER EGYPT																		
FAIYÛM	00	8	32	1	0	2	8	13.8	−1.0	25.2	34	+1	21	+2	74	0	13	8
MINYA	00	9	30	1	0	0	—	13.5	−0.6	25.4	34	+3	19	+1	57	0	dr.	—
ASYÛT	00	7	22	1	0	0	—	12.8	−0.6	27.1	35	+3	22	+2	52	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	11.8	−0.2	27.7	39	—	20	—	59	0	1	—
QENA	01	8	28	1	1	4	3	11.4	−0.7	27.0	36	−1	23	+2	56	0	13	—
LUXOR	00	7	28	2	0	0	—	11.8	0.0	30.0	40	±1	23	±2	36	0	0	—
ASWÂN	00	9	32	3	0	0	—	10.0	−1.1	29.8	41	+3	26	+3	30	0	dr.	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	13.9	−2.5	25.4	36	+2	21	+5	71	0	5	8
BAHARÎYA	00	9	08	1	0	0	—	14.8	−0.6	28.5	35	+2	20	+3	55	0	0	7
KHÂRGA	00	9	32	3	0	3	1	11.8	−1.1	28.8	36	0	27	+7	35	0	1	—
DÂKHLA	00	8	16	1	0	0	—	12.4	−1.3	28.5	38	+3	23	+3	43	0	0	—
RED SEA																		
TÔR	00	7	28	3	0	0	—	9.8	−1.4	27.5	32	+2	—	—	63	0	0	13
HURGHÂDA	00	8	30	2	0	0	—	—	—	29.2	34	+2	24	+2	50	0	1	3
QUSEIR	00	8	28	4	0	0	—	9.6	−1.6	30.2	33	+1	27	+2	52	0	11	4
PORT SÛDÂN	00	8	04	2	0	0	—	8		33					56	0	73	106
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	2	0	3	1	8		31					29	0	tr.	—
KAREIMA	00	8	06	3	0	0	—	6		31					33	0	29	27
'ATBARA	01	8	06	2	1	3	2	6		32					38	0	95	70
KHARTÛM	02	8	28	3	1	6	1	5		31					46	0	221	163
KASSALA	02	8	18	3	1	5	5,2	7		29					49	0	385	324
CENTRAL SÛDÂN																		
WAD MEDANI	02	9	16	4	1	7	3	5		28					66	0	543	396
RENK	01	9	12	3	1	4	4	7		26		—		—	79	—	—	514
ROSEIRES																1	779	807
EL OBEID	02	8	18	3	1	5	4	5		27					58	0	648	367
EL FÂSHER	01	9	00	0	1	5	2	—	—	23					69	0	270	310
GENEINA								—	—			—		—		—	—	565
KADUGLI	01	8	28	2	1	4	4,2	8		23		—		—	78	—	—	743
S. SÛDÂN																		
MALAKÂL	02	8	00	0	1	5	4,4	7		24					89	0	1053	823
WÂU	02	8	16	2	1	6	4,2	8		24					84	1	1143	1096
JUBA	02	8	12	3	1	6	4,4	10		25					70	1	1176	959

UPPER WINDS ON 29th (الرياح العليا يوم ٢٩)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	7h. m.	h. m.	8h. 45m.	h. m.	7h. m.	h. m.	7h. m.	7h. 30m.	7h. 15m.	7h. m.	h. m.
	03 36 10		02 31 05		02 03 20		02 01 30	09 07 40	09 06 45	09 03 50	
	06 36 10		05 02 10		05 02 30		05 02 35	15 07 15	15 07 55	15 03 45	
	09 35 15		10 34 20		10 36 25		10 03 30	21 03 15	21 07 40	21 03 45	
	15 33 10		15 32 30		v		15 36 25	27 05 15		27 01 35	
	21 30 30		20 30 35				20 22 20	33 05 10		33 01 30	
	24 31 30		25 30 45				25 01 10	39 03 10			
	30 30 25		30 30 30				30 31 10				
	39 21 10		31 30 40				35 36 10				
	51 26 25						40 05 10				

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6h. 45m.	7h. m.	7h. 30m.	h. m.	h. m.	7h. m.
09 18 15	09 02 25	09 27 30			09 17 20
15 14 20	15 06 20	15 06 15			15 18 30
21 12 20	21 09 40	21 01 15			21 19 15
27 10 25	27 08 35				v
33 09 30	33 09 30				
29 06 20					

UPPER AIR TEMP. ALMÂZA AT 5h. G.M.T. ON 29th

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	1003	71	68
500	985	70	67
1000	967	68	66
1500	950	70	64
2000	931	70	—
4000	866	61	—
6000	804	56	—
8000	745	50	—
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h. ON 29th

34700 00990 14100 1226x xxxxx 02xxx

34800 00990 24200 13291 30305 00180

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 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 AMOUNT (N)
- Clear 0
- Trace 1
- 1 Tenth 2
- 2, 3 Tenths 3
- 4, 5, 6 Tenths 4
- 7, 8 Tenths 5
- 9 Tenths 6
- Over 9 Tenths 7
- Overcast 8
- Fog or Dust 9

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.

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

ANNUAL SUBSCRIPTION P.T. 150

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.O.

DAILY WEATHER REPORT

Time of Sunrise 05 47 h. m. — Sunset 17 43

Month September 1946 — شهر سبتمبر ١٩٤٦

At 14 h. on 29th — الساعة ١٤ يوم ٢٩

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. dd	WIND Force f	PAST WEATHER w	CLOUD Amount n	CLOUD Form c	BAR PRESS M.S.L. 1000+ mbs. ppp	TEMP. °C ttt	% HUMIDITY uu	RAIN 8-14 h. mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	01	9	03	2	1	4	8	14.6	27.0	68	0	131
MARIUT	00	8	30	2	0	1	4	14.	29	52	0	150
ALEXANDRIA	00	9	06	2	0	0	—	13.8	29.6	50	0	132
DAMIETTA	00	8	30	3	1	1	8	13.0	27.9	59	0	159
PORT SA'ÎD	01	8	32	3	1	3	4	13.5	30.5	54	0	134
EL 'ARÎSH	00	9	28	2	0	0	—	12.6	28.6	59	0	135
LOWER EGYPT												
DAMANHÛR	01	7	28	3	1	3	8	13.1	30.8	48	0	136
MANSÛRA	01	8	04	1	1	4	8	13.1	32.0	41	0	137
ṬANṬA	01	8	32	2	1	4	8	13.2	30.3	48	0	138
ZAGAZIG	01	6	24	3	1	4	8	13.1	30.6	49	0	139
SHEBÎN EL KÔM	01	8	30	4	1	4	8	12.3	31.9	43	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	00	8	02	2	0	3	8	12.3	31.5	41	0	141
CAIRO EZBEKÎYA	01	8	30	2	1	3	3	13.0	30.9	40	0	—
CAIRO GÎZA	01	7	04	1	1	2	8	13.4	31.3	42	0	—
HELWÂN	00	8	28	2	0	1	—	12.4	30.0	31	0	143
SUEZ	00	9	30	2	0	0	—	12.4	34.3	28	0	144
UPPER EGYPT												
FAIYÛM	01	8	32	3	1	3	8	12.4	31.5	25	0	153
MINYA	00	9	32	4	0	0	—	—	33.8	33	0	154
ASYÛṬ	00	8	28	2	0	0	—	10.4	33.5	30	0	155
NAG' HAMÂDI	00	8	24	1	0	0	—	9.2	35.0	37	0	164
QENA	00	9	24	1	1	0	—	8.3	36.2	30	0	156
LUXOR												157
ASWÂN	01	9	32	2	1	3	1	7.0	39.0	14	0	158
WESTERN DESERT												
SÎWA	00	8	00	0	0	0	—	13.9	35.0	40	0	148
BAHARÎYA	00	9	00	0	0	0	—	13.9	36.0	33	0	149
KHÂRGA	00	9	32	2	0	0	—	9.1	36.7	17	0	151
DAKHLA	00	9	16	1	0	0	—	8.3	37.0	22	0	152
RED SEA												
ṬÛR	00	7	28	4	0	0	—	—	30.2	61	0	145
HURGHÂDA												146
QUSEIR	00	8	32	2	0	0	—	9.4	32.0	54	0	147
PORT SÛDÂN	00	8	02	3	0	0	—	6	28	74		208
NORTH SÛDÂN												
WÂDI HALFA	00	8	02	3	0	2	8,1	5	41	13		165
KAREIMA	00	8	06	3	0	0	—	3	40	14		166
'ATBARA												167
KHARTÛM	02	7	02	2	2	5	8,4	1	39	20		[illegible]
KASSALA	01	8	14	2	1	4	8,1	1	38	29		170
CENTRAL SÛDÂN												
WAD MEDANI	01	8	18	2	1	3	3	2	37	27		171
RENK	01	9	16	3	1	4	8	3	32	65		182
ROSEIRES	01	8	18	1	1	4	8	—	32	43		172
EL OBEID	02	8	30	2	1	5	8,2	3	33	41		174
EL FÂSHER	02	8	32	1	1	6	2	—	36	19		175
GENEINA	02	8	04	2	1	5	2	—	33	36		179
KADUGLI	01	8	20	3	1	6	4	5	32	43		187
S. SÛDÂN												
MALAKÂL	02	8	12	4	1	8	8,4	7	29	62		176
WÂU												177
JUBA	01	8	04	2	1	5	8,4	6	32	43		178

At 20 h. on Sunday 29th — الساعة ٢٠ يوم الأحد ٢٩

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. dd	WIND Force f	PAST WEATHER w	CLOUD Amount n	CLOUD Form c	BAR PRESS M.S.L. 1000+ mbs. ppp	TEMP. °C ttt	% HUMIDITY uu	RAIN 14-20 h. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	9	02	4	0	0	—	14.6	25.2	74	0
MARIUT	00	7	32	1	0	0	—	14	25	70	0
ALEXANDRIA	00	6	04	1	0	0	—	14.2	25.6	64	0
DAMIETTA	00	6	32	1	0	0	—	13.4	25.0	74	0
PORT SA'ÎD	00	8	32	2	0	0	—	13.8	25.4	73	0
EL 'ARÎSH	00	9	32	2	0	0	—	13.1	26.1	70	0
LOWER EGYPT											
DAMANHÛR	00	7	28	2	1	0	—	13.5	24.8	77	0
MANSÛRA	01	6	32	1	1	0	—	12.6	24.0	79	0
ṬANṬA	01	8	28	1	1	4	8	12.6	24.0	73	0
ZAGAZIG	00	6	32	2	0	0	—	13.8	24.9	78	0
SHEBÎN EL KÔM	00	7	30	2	0	0	—	12.8	24.9	74	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	7	04	2	0	0	—	12.8	27.9	66	0
CAIRO EZBEKÎYA	00	6	02	2	0	0	—	—	26.7	61	0
CAIRO GÎZA	00	7	00	0	0	0	—	13.0	26.4	65	0
HELWÂN	00	7	32	2	0	0	—	13.1	27.2	42	0
SUEZ	00	9	30	1	0	0	—	14.4	27.3	54	0
UPPER EGYPT											
FAIYÛM	00	8	02	2	0	0	—	12.3	27.0	44	0
MINYA	00	8	30	2	1	0	—	11.4	28.5	43	0
ASYÛṬ	00	6	28	1	0	0	—	11.8	28.2	44	0
NAG' HAMÂDI	00	8	00	0	0	0	—	10.2	28.0	55	0
QENA	01	6	32	2	0	3	1	—	33.0	23	0
LUXOR	00	6	28	3	0	0	—	10.3	31.4	30	0
ASWÂN	00	9	32	2	0	0	—	8.6	34.2	21	0
WESTERN DESERT											
SÎWA	00	—	00	0	0	0	—	11.9	31.0	48	0
BAHARÎYA	00	—	00	0	0	0	—	15.4	25.0	61	0
KHÂRGA	01	—	32	1	1	4	3	10.7	33.3	25	0
DAKHLA	00	7	32	2	0	0	—	—	29.0	40	0
RED SEA											
ṬÛR	00	7	28	3	0	0	—	10.0	30.2	54	0
HURGHÂDA	00	8	30	2	0	0	—	—	28.4	49	0
QUSEIR	00	8	32	1	0	0	—	9.6	30.2	52	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

At 8 h. on MONDAY 30th — الساعة ٨ يوم الاثنين ٣٠

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. dd	WIND Force f	PAST WEATHER w	CLOUD Amount n	CLOUD Form c	BAR PRESSURE M.S.L. 1000+ mbs. ppp	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C ttt	MAXIMUM Yesterday °C mm	MAXIMUM Diff. from norm. °C	MINIMUM Today °C mm	MINIMUM Diff. from norm. °C	% HUMIDITY uu	RAINFALL Past 24 hrs. mms.	RAINFALL Total From Oct. 1 mms.	RAINFALL Norm. From Oct. 1 mms.
MEDITERRANEAN																		
SALÛM													—	—				100
MATRÛH	03	9	16	1	5	8	9	15.2	-0.2	23.6	29	+1	23	+2	86	1	102	161
MARIUT	01	8	00	0	0	4	2	14		24	30	—	21	—	79		187	138
ALEXANDRIA	02	8	00	0	2	5	4	14.7	-0.5	24.8	31	+2	25	+3	71	0	170	187
DAMIETTA	01	7	30	2	1	4	5	14.0	-0.3	26.0	30	—	21	—	71	0	81	106
PORT SA'ÎD	02	8	02	2	2	5	4	14.6	+1.0	26.5	31	+1	24	+2	66	0	71	81
EL 'ARÎSH	01	9	16	1	0	4	—	14.3	0.0	28.2	30	+1	19	0	63	0	—	94
LOWER EGYPT																		
DAMANHÛR	01	6	16	1	1	3	8	13.9	-1.2	24.3	31	0	20	+2	80	0	92	101
MANSÛRA	01	8	02	1	1	4	8	15.0	+0.2	25.0	32	+1	21	+2	72	0	66	55
ṬANṬA	01	8	00	0	1	4	8	15.1	-0.1	24.0	32	0	18	+1	78	0	147	44
ZAGAZIG	01	6	02	2	1	4	8	14.6	-0.6	24.1	32	0	20	+3	82	0	24	27
SHEBÎN EL KÔM	01	8	02	2	1	3	8	13.9	-1.1	24.9	33	—	19	—	73	0	36	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	04	1	1	2	8	14.2	-0.5	24.8	33	—	20	—	75	0	10	—
CAIRO EZBEKÎYA	05	5	02	2	1	4	1	—	—	23.7	32	0	21	+2	79	0	22	26
CAIRO GÎZA	00	6	00	0	1	2	8	14.3	-0.5	24.0	32	+1	19	+2	82	0	41	27
ḤELWÂN	01	7	02	2	1	4	1	14.3	-0.4	24.8	31	0	21	+4	70	0	20	29
SUEZ	00	9	02	1	0	0	—	12.6	-1.0	28.7	35	+3	20	-1	50	0	—	17
UPPER EGYPT																		
FAIYÛM	01	8	02	2	1	3	4	14.4	-0.5	25.0	32	-1	20	+1	71	0	13	8
MINYA	01	8	32	3	1	3	2	13.4	-0.8	25.8	34	+3	19	+1	63	0	45	—
ASYÛṬ	00	7	30	1	0	0	—	12.6	-0.9	25.8	34	+2	21	+1	56	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	12.2	+0.1	29.0	36	—	20	—	58	0	1	—
QENA	01	8	20	1	1	3	1	11.4	-0.8	27.0	42	+5	22	+2	59	0	13	—
LUXOR	00	7	28	2	0	0	—	12.3	+0.4	29.4	42	+3	22	+2	38	0	0	—
ASWÂN	00	9	00	0	0	0	—	10.7	-0.5	29.3	40	+2	25	+2	31	0	45	—
WESTERN DESERT																		
SÎWA	02	7	04	3	1	6	4	13.9	-2.6	25.0	36	+2	20	+4	76	0	5	8
BAHARÎYA	02	9	32	1	1	4	—	13.6	-1.9	27.0	37	+5	20	+3	56	0	0	7
KHÂRGA	01	9	32	2	1	4	3	11.9	-1.1	29.1	39	+3	26	+6	39	0	1	—
DAKHLA	00	8	12	1	0	0	—	12.2	-1.6	29.5	38	+3	21	+2	40	0	0	—
RED SEA																		
ṬÛR	00	7	28	2	0	0	—	10.6	-0.7	27.5	30	0	—	—	53	0	0	13
HURGHÂDA	01	8	28	2	1	4	4	—	—	28.6	30	+2	21	0	44	0	1	3
QUSEIR	00	8	28	2	0	0	—	9.8	-1.5	30.0	34	+2	26	+1	41	0	11	4
PORT SÛDÂN	01	9	00	0	1	6	4	9		31					55	0	73	106
NORTH SÛDÂN																		
WÂDI HALFA	01	8	04	2	1	3	4	9		29					31	0	25	—
KAREIMA	01	7	16	4	0	2	4	9		31					43	0	29	27
'ATBARA	18	6	20	4	8	4	4,1	8		30					46	1	96	70
KHARTÛM	01	8	04	3	1	4	4	11		27					58	0	221	164
KASSALA	02	8	18	1	1	6	4,5	10		26					62	1	386	325
CENTRAL SÛDÂN																		
WAD MEDANI	61	9	16	3	8	7	8	9		24					84	1	504	397
RENK	01	9	12	3	1	4	4	10		26		—		—	70	—	—	516
ROSEIRES																	779	848
EL OBEID	01	8	22	4	1	5	4,5	10		25					70	2	650	368
EL FÂSHER	02	9	14	3	1	6	2	—	—	23					78	0	270	310
GENEINA	01	8	20	2	1	3	4	—	—	21		—		—	88		—	565
KADUGLI	02	8	12	2	1	7	4	12		21		—		—	88	—		748
S. SÛDÂN																		
MALAKÂL	02	8	00	0	1	5	4,4	11		26					84	0	1053	226
WÂU																	1143	1101
JUBA	52	8	18	1	5	8	0,4	13		22					94	7	1183	963

UPPER WINDS ON 29th — الرياح العليا يوم ٢٩

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD 12 h. 00 m.	ALMÂZA h. m.	MINYA h. m.	LUXOR 12 h. 45 m.	HURGHÂDA h. m.	WÂDI HALFA 13 h. 30 m.	KAREIMA 12 h. 45 m.	KHARTÛM 13 h. 15 m.	KASSALA 13 h. m.	EL OBEID 13 h. m.	MALAKAL 12 h. m.	JUBA 13 h. m.
	03 34 05	03 36 10			03 02 20		09 03 20	09 07 45	09 07 10	09 16 15	09 24 20	09 14 25	09 04 15
	06 35 02	06 33 15			06 35 20		15 04 15	15 07 40	15 05 10	15 17 20	15 26 10	15 17 15	15 12 10
	09 00 00	09 38 05			09 34 30		21 05 10	21 07 35	21 06 20	21 17 05	21 25 05	21 17 20	21 18 15
	15 32 25	15 03 05			15 25 30		27 05 05	27 06 15	27 04 15	27 14 10	27 03 10	27 16 10	27 16 20
	21 28 35	21 15 05			21 20 20		33 20 05	33 05 20	30 01 45	33 17 10	33 07 25	33 19 20	33 16 40
	27 33 30	27 33 05			27 29 20		39 16 05	39 21 05		39 07 20			39 17 30
		30 32 05			30 26 25								
		36 35 10											
		45 00 35											

UPPER WINDS ON 30th — الرياح العليا يوم ٣٠

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 8 h. 45 m.	MINYA 9 h. m.	ASYÛṬ 7 h. m.	LUXOR h. m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h. 45 m.	ABU HAMAD h. m.	KAREIMA 6 h. 30 m.	KHARTÛM 6 h. 30 m.
			02 03 15	03 36 15	02 34 10		02 01 20	09 06 25		09 16 30	09 15 45
			05 04 15	06 03 15	05 33 05		05 02 30	15 07 25		15 13 40	15 19 40
			08 03 20	09 04 20	10 36 15		10 02 30	21 12 10		21 11 50	21 24 20
			10 03 20	12 03 30	15 30 30		15 36 15	27 10 10		27 4 20	24 27 15
			14 35 30	15 34 30			20 28 10	33 12 15		33 18 30	
				18 36 30			25 25 10	39 13 10			
				21 35 40							
				24 32 15							
				27 31 40							

KASSALA h. m.	PORT SÛDÂN h. m.	EL OBEID 7 h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL 7 h. m.
		09 21 30			09 24 05
		15 18 25			15 19 20
		21 12 15			21 15 20
		33 09 10			27 10 15
		39 04 25			33 08 15

UPPER AIR TEMP. ALMÂZA AT 06 G.M.T. ON 1/56

HEIGHT FEET	P.P.P m.b.	T.T °F	t.t °F
Surface	1003	73	69
500	985	74	66
1000	967	72	66
1500	950	71	65
2000	933	75	59
4000	866	67	56
6000	804	60	51
8000	745	50	43
10000	690	41	36
12000	638	32	20
14000	590	27	2[illegible]
16000	5[illegible]	4[illegible]	[illegible]

CYPRUS SYNOPTIC 8 h. ON 30th

34710 01951 28201 14261 30404 00180

34820 01951 22193 14241 15403 00179

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day HUMIDITY % on 29th	Diff from normal	WET BULB TEMP °C on 29th	Diff from normal	Previous day Reading m.	Diff. from normal m.
Alexandria	60	-7	21.7	+0.8	11.00	+0.59
Ezbekîya	64	-1	21.3	+0.9	12.82	+0.63
Gîza	70	+2	21.7	+1.4	377.30	—
Helwân	57	+3	19.7	+0.9	374.81	-0.19
GÎZA	GRASS MINIMUM TEMP. ON 30th 17.8 °C				17.40	-0.27
CAIRO	WATER TEMP. AT 9 h. RIVER NILE ON 30th 26.6 °C				17.20	—

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Diff. from normal m.
Jûba					
Nasser				11.00	+0.59
Malakâl		12.82	+0.62	12.82	+0.63
J. Aulia Res.				377.30	—
J. Aulia D.S				374.81	-0.19
Roseires				17.40	-0.27
Sennar Res.				17.20	—
Khartûm				15.00	-0.12
Kh. el Girba				12.50	+0.02
'Atbara		14.26	+0.06	14.38	-0.13
Kajnarti		141.51	+0.82	141.76	+1.01
Aswân Res.		114.90	—	115.08	—
Aswân D.S		92.75	+1.18	92.75	+1.13
Roda (Cairo)		19.93	+1.40	20.09	+1.53

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	30-9	8858	6991
	29-9	8847	7347

Printed by the Survey of Egypt, 1946 (45/306)

ANNUAL SUBSCRIPTION P.T. 150

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 ... 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 AMOUNT (N)

Clear ... 0
Trace ... 1
1 Tenth ... 2
2, 3 Tenths ... 3
4, 5, 6 Tenths ... 4
7, 8 Tenths ... 5
9 Tenths ... 6
Over 9 Tenths ... 7
Overcast ... 8
Fog or Dust ... 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.

Time of Sunrise 5 h. 48 m.
Sunset 17 42

Month ~~October~~ September 1946 — ١٩٤٦ شهر أكتوبر

DAILY WEATHER REPORT

At 14h. on Monday 30th Sept. ٣٠/٩ الساعة ١٤ يوم الاثنين — At 20h. on 30th Sept. الساعة ٢٠ يوم ٣٠/٩

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20 mms	Station Number
Mediterranean																							
SALÛM																							130
MATRÛH	02	9	32		2	5	8	13.9	26.0	67	0	50	8	00	0	2	5	7	12.6	22.0	86	1	131
MARIUT	00	8	02	2	0	2	8,2	13	29	59	0	02	7	03	1	2	6	4,5	14	23	84	0	150
ALEXANDRIA	02	9	08	1	2	5	4	13.1	26.0	60	0	00	6	04	2	0	0	—	13.8	26.0	64	0	132
DAMIETTA	01	8	02	3	1	3	8	12.7	26.8	60	0	01	7	30	1	1	3	4	13.0	25.0	76	0	159
PORT SA'ÎD	01	8	32	2	1	4	4	13.1	30.0	54	0	00	8	06	2	0	3	4	13.2	25.8	66	0	134
EL 'ARÎSH	00	9	32	2	0	0	—	12.7	28.2	61	0	00	9	32	2	0	0	—	12.4	25.9	64	0	135
Lower Egypt																							
DAMANHÛR	00	7	32	3	1	3	8	12.8	30.8	49	0	01	6	32	3	1	5	5	13.0	24.8	82	0	136
MANSÛRA	01	8	02	1	1	3	8	12.6	32.5	44	0	00	6	02	2	1	0	—	13.2	24.8	72	0	137
TANTA	00	8	32	2	1	0	—	11.5	31.0	56	0	01	8	32	1	1	4	8	13.2	24.8	69	0	138
ZAGAZIG	01	6	32	3	1	3	8	11.9	31.4	45	0	00	6	32	2	0	2	8	12.3	25.3	68	0	139
SHEBÎN EL KÔM	00	8	02	3	0	0	—	12.2	31.9	43	0	00	7	02	2	0	0	—	12.2	25.7	67	0	—
Middle Egypt																							
CAIRO ALMÂZA	00	8	04	3	0	2		11.0	31.0	47	0	01	7	06	2	0	0	—	12.0	28.5	59	0	141
CAIRO EZBEKÎYA	00	8	02	3	0	0	—	—	32.4	37	0	00	7	04	2	0	0	—	—	26.8	60	0	—
CAIRO GÎZA	00	7	30	1	0	0	—	12.2	32.0	39	0	00	7	30	1	1	2	8	11.8	27.1	64	0	—
HELWÂN	00	9	32	2	1	1	3	10.7	32.8	26	0	01	7	02	3	1	3	1	11.9	28.0	46	0	143
SUEZ	00	9	02	1	0	0	—	12.0	32.0	28	0	00	9	32	1	0	0	—	12.6	27.4	43	0	144
Upper Egypt																							
FAIYÛM	01	8	02	2	1	3	4	11.0	32.9	29	0	08	8	32	2	1	3	4	11.5	27.9	52	0	153
MINYA	00	9	32	3	1	0	—	10.6	34.3	33	0	01	8	32	2	1	2	2	11.0	28.3	54	0	154
ASYÛT	00	8	28	1	0	0	—		33.2	29	0	00	6	28	1	0	0	—	10.8	29.4	44	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	8.7	37.0	41	0	00	8	00	0	0	0	—	9.9	27.3	58	0	164
QENA	01	9	24	1	1	3	1	7.9	32.0	32	0	01	6	24	1	1	3	1	9.2	31.0	42	0	156
LUXOR	00	7	10	2	0	0	—	9.0	37.5	33	0	00	6	28	1	0	0	—	9.6	30.0	36	0	157
ASWÂN	00	9	32	2	0	0	—	7.1	39.0	14	0	00	9	32	1	0	0	—	8.3	34.3	21	0	158
Western Desert																							
SÎWA	03	8	04	3	2	8	4	12.4	32.0	43	0	18	—	04	7	3	8	4	11.5	27.8	45	0	148
BAHARÎYA																							149
KHÂRGA	00	9	04	1	0	0	—	9.6	37.0	18	0	00	—	04	1	0	0	—	10.0	32.7	27	0	151
DAKHLA	00	9	12	1	0	0	—	8.6	37.3	22	0	00	7	24	3	0	0	—	11.3	29.0	41	0	152
Red Sea																							
TÔR	00	7	28	4	0	0	—	11.0	29.5	68	0	00	7	28	4	0	0	—	8.8	29.2	65	0	145
HURGHÂDA	00	8	32	2	0	0	—	—	31.6	41	0	00	8	02	1	0	0	—	—	27.0	51	0	146
QUSEIR	00	8	04	2	0	0	—	9.6	32.0	54	0	00	8	02	2	0	0	—	9.4	29.6	39	0	147
PORT SÛDÂN	01	8	04	3	1	4	4	7	32	66													208
North Sûdân																							
WÂDI HALFA	00	8	02	3	0	1	8,4	5	42	11	—												165
KAREIMA	00	7	18	1	0	0	—	5	39	26	—												166
'ATBARA	01	8	24	3	1	4	8	5	38	29	—												167
KHARTÛM	01	8	18	3	1	3	8,4	5	37	25	—												209
KASSALA	02	8	20	2	1	5	8,4	5	35	42	—												170
Central Sûdân																							
WAD MEDANI	02	8	14	3	1	7	4	7	32	43	—												171
RENK	01	9	18	3	1	4	8	5	30	55	—												182
ROSEIRES	02	8	12	1	2	8	5	—	27	66	—												172
EL OBEID	01	9	24	2	1	4	8,4	6	31	62	—												174
EL FÂSHER	01	9	24	1	1	4	8,1	—	33	38	—												175
GENEINA	00	7	24	2	0	3	8	—	31	52	—												179
KADUGLI	02	8	20	3	1	6	9	8	29	66	—												187
S. Sûdân																							
MALAKÂL	02	8	16	4	1	7	0,4	6	32	52	—												176
WÂU	02	8	08	2	1	5	8,4	7	29	59	—												177
JUBA	02	8	24	2	5	6	8,4	8	29	66	—												178

At 8h. on TUESDAY 1st — الساعة ٨ يوم الثلاثاء أول

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C MM	Max. Diff. from norm. °C	Minimum Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Norm. from Oct. 1 mms.
Mediterranean																		
SALÛM												—		—				100
MATRÛH	01	9	22	2	2	4	8	—	—	—	29	+1	19	-1	75	1	102	162
MARIUT	01	8	00	0	0	4	2	14	—	24		—	21	—	84	0 ?	187	138
ALEXANDRIA	01	8	00	0	1	3	8	13.4	-1.9	26.3	31	+2	22	+1	69	3	170	187
DAMIETTA	01	8	04	2	2	3	8	12.3	-2.1	26.8	30	—	23	—	64	0	81	106
PORT SA'ÎD	02	8	28	2	2	6	8	12.7	-1.0	28.8	31	+1	25	+3	60	0	71	81
EL 'ARÎSH	02	9	00	0	0	5	3	12.7	-1.6	26.2	29	0	22	+3	67	0	—	94
Lower Egypt																		
DAMANHÛR	01	6	28	2	1	4	8	12.6	-2.6	23.0	31	0	20	+2	85	2	94	101
MANSÛRA	00	8	02	2	6	0	—	13.0	-1.9	27.0	33	+1	21	+2	68	4	70	55
TANTA	00	7	02	1	1	0	—	13.2	-2.1	25.0	32	0	19	+2	76	6	183	44
ZAGAZIG	00	6	32	2	0	0	—	12.7	-2.6	24.9	32	0	21	+4	75	0	24	37
SHEBÎN EL KÔM	00	8	02	1	6	0	—	12.3	-2.8	24.8	33	—	19	—	71	1	31	—
Middle Egypt																		
CAIRO ALMAZA	00	7	06	2	0	1	8	12.2	-2.6	25.7	34	—	22	—	70	dr	10	—
CAIRO EZBEKÎYA	05	6	32	1	0	2	8	—	—	24.9	34	+2	22	+3	70	dr	22	26
CAIRO GÎZA	00	6	06	1	0	0	—	12.4	-2.5	25.0	33	+2	20	+3	74	dr	41	27
HELWÂN	00	6	00	0	0	1	8	12.2	-2.5	24.0	33	+2	22	+3	74	dr	20	29
SUEZ	00	9	00	0	0	0	—	13.2	-0.5	26.4	33	+1	22	+2	58	0	—	17
Upper Egypt																		
FAIYÛM	01	8	30	2	1	4	8	11.9	-3.0	25.0	34	+1	20	+1	68	dr	13	8
MINYA	01	8	16	2	1	3	2	11.6	-2.7	28.6	35	+4	21	+3	45	0	dr	—
ASYÛT	00	7	26	1	0	0	—	11.8	-1.7	27.0	36	+4	22	+2	61	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	11.4	-0.8	29.0	36	—	21	—	70	0	1	—
QENA	00	8	24	1	0	0	—	11.5	-0.8	26.6	40	+4	22	+2	63	0	13	—
LUXOR	00	7	28	2	0	0	—	11.2	-0.8	30.0	38	~~+1~~	22	~~+2~~	36	0	0	—
ASWÂN	02	9	00	0	1	5	4	10.0	-1.3	31.4	40	+2	26	+3	30	0	dr	
Western Desert																		
SÎWA	00	7	00	0	0	0	—	14.2	-2.3	24.0	35	+1	19	+3	70	0	5	8
BAHARÎYA																	0	7
KHÂRGA	00	8	04	2	0	2	—	11.1	-2.0	27.6	37	+1	24	+4	44	0	1	—
DÂKHLA	00	8	28	2	0	0	—	11.8	-2.1	27.0	40	+5	23	+4	40	0	0	—
Red Sea																		
TÔR	00	7	28	3	0	0	—	—	-4.4	26.9	30	0	—	—	57	0	0	13
HURGHÂDA	00	8	28	1	0	0	—	—	—	29.2	33	+1	21	0	27	0	1	3
QUSEIR	00	8	28	2	0	0	—	9.2	-2.2	29.8	36	+4	25	0	31	0	11	4
PORT SÛDÂN	00	8	28	1	1	1	4,5	9		25					79	0	73	106
North Sûdân																		
WÂDI HALFA	00	8	20	1	0	3	—	9		30					27	0	tr	—
KAREIMA	01	8	00	0	1	4	4	9		27					66	0	29	28
'ATBARA	02	7	20	4	1	5	4,5	9		29					52	0	96	71
KHARTÛM	01	8	24	3	1	4	4,5	9		28					58	0	221	165
KASSALA	01	8	14	2	1	4	4	10		27					58	0	286	326
Central Sûdân																		
WAD MEDANI	02	9	18	3	2	7	5	10		24					84	0	544	398
RENK	01	9	12	3	1	4	4	—		28		—		—	70	—	—	518
ROSEIRES	02	8	14	1	0	6	8	—		23					94	0	779	809
EL OBEID	02	9	16	3	8	6	4,2	10		24					74	dr	650	369
EL FÂSHER	01	9	10	3	1	4	4,1	—	—	25					70	0	270	311
GENEINA	01	8	02	1	1	3	4	—	—	22		—		—	88	0	—	366
KADUGLI	02	8	04	2	1	6	4	11		23		—		—	89	—	—	753
S. Sûdân																		
MALAKÂL	00	8	00	0	1	2	4	11		23					94	0	1053	829
WÂU	00	8	00	0	0	3	4	9		24					84	0	1143	1106
JUBA	01	8	08	1	1	3	4	10		23					89	tr	1183	967

UPPER WINDS ON 30-9 — الرياح العليا يوم ٣٠-٩

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD 12h. 45m.	ALMÂZA h. m.	MINYA 12h. 45m.	LUXOR 12h. m.	HURGHÂDA 13h. m.	WÂDI HALFA 13h. 15m.	KAREIMA 13h. m.	KHARTÛM 13h. m.	KASSALA 13h. m.	EL OBEID 13h. m.	MALAKAL 13h. m.	JUBA 13h. 15m.
		02 04 02		03 01 15	03 03 05	03 34 05	09 09 15	09 15 20	09 23 15	09 19 10	09 27 15	09 18 40	09 36 15
		06 03 05		06 03 20	06 05 15	06 32 40	15 11 15	15 15 25	15 18 25	15 22 10	15 17 05	15 17 55	15 05 15
		09 06 05		09 03 25	09 33 20	09 30 25	21 11 10	21 24 20	21 14 05	21 22 15	21 11 25	21 16 50	21 01 05
		12 04 05		15 01 15	15 33 25	15 31 —	27 13 05	27 13 30	24 13 05	27 21 15	24 09 15	24 15 50	27 06 10
				21 35 25	21 29 20		33 18 02	33 09 20	30 11 30	33 03 05	27 09 15		33 29 15
				27 30 30	24 30 20		39 36 10	39 09 20	39 11 35		33 03 15		39 22 10
				30 28 35									
				36 26 40									

REMARKS

Hours are Egyptian standard time, long 30°E. and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 30-9	Diff from normal	Wet bulb temp. °C on 30-9	Diff from normal
Alexandria	55	-12	21.6	+0.8
Ezbekiya	64	-1	21.5	+1.2
Giza	67	-1	22.1	+1.8
Helwân	52	-2	20.5	+1.7

GÎZA — GRASS MINIMUM TEMP. ON 1st 18.7 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 1st 26.4 °C

Discharges at Aswân measured by sluices m³ per sec.	1946	1945
1-10	8866	6889
30-9	8858	6991

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	1			13.40	-0.34
Nâsser					
Malakâl		13.82	+0.02	12.82	+0.62
J. Aulia Res.				377.40	—
J. Aulia D.S.				374.68	-0.28
Roseires		17.50	+0.01	17.39	-0.19
Sennar Res.				17.21	—
Khartûm				14.92	-0.15
Kh. el Girba				12.51	+0.08
'Atbara		14.18	+0.03	14.26	+0.06
Kajnarti		141.29	+0.67	141.51	+0.82
Aswân Res.		114.60	—	114.90	—
Aswân D.S.		92.75	+1.20	92.75	+1.18
Roda (Cairo)		19.73	+1.23	19.93	+1.40

UPPER WINDS ON 1st — الرياح العليا يوم أول

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT 7h. 45m.	PORT SA'ÎD h. m.	HELWÂN 8h. 45m.	MINYA 7h. m.	ASYÛT 7h. m.	LUXOR 6h. 45m.	ASWÂN 7h. m.	WÂDI HALFA h. m.	ABU HAMAD h. m.	KAREIMA 7h. m.	KHARTÛM 6h. 30m.
	03 05 05		00 00 00	03 01 15	02 19 05	03 02 15	02 04 10			09 17 30	09 23 20
	06 10 05		02 27 05	06 18 25	05 20 05	06 09 15	05 02 30			15 17 30	15 11 10
	09 06 15		05 07 10	09 24 05	10 27 15	09 33 20	10 02 35			21 14 25	21 07 20
	12 03 05		10 36 10	12 22 10	15 28 25	12 35 20	15 03 10			27 18 25	24 05 15
	15 08 15		15 22 05	15 22 10	20 26 35	15 33 25	20 20 35			33 08 30	30 05 05
	18 05 10		20 24 25	18 22 15		18 31 25	25 31 35			39 08 35	
	21 07 20		25 25 25	21 22 15		21 31 25	30 34 10				
	24 07 25		30 26 30	24 27 40		24 26 15	35 24 45				
	30 06 25		35 23 40	27 27 25		27 27 20	40 29 10				

KASSALA 6h. 45m.	PORT SÛDÂN 7h. m.	EL OBEID 7h. m.	EL FÂSHER h. m.	GENEINA 7h. m.	MALAKAL h. m.
09 17 15	09 36 30	09 18 15		09 11 10	
15 19 15	15 07 10	15 10 15		15 14 15	
21 31 05	18 07 10	21 09 20		27 07 25	
27 01 45		27 01 30		33 07 20	
		33 07 50		39 07 25	

UPPER AIR TEMP. ALMÂZA AT 6h G.M.T. ON 1st

Height Feet	P P P m.b.	T T	
Surface	1003	73	69
500	985	74	66
1000	967	72	66
1500	950	70	65
2000	933	74	58
4000	866	67	56
6000	804	60	51
8000	745	50	43
10000	690	41	36
12000	638	32	[illegible]
14000	590	26	[illegible]
16000	[illegible]	15	[illegible]

CYPRUS SYNOPTIC 8h. ON 1st
34760 02855 00015 12231 40404 00180
34887 02853 20257 12231 6X401 XX190

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 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 AMOUNT (N)
- Clear 0
- Trace 1
- 1 Tenth 2
- 2, 3 Tenths 3
- 4, 5, 6 Tenths 4
- 7, 8 [illegible] 5
- 9 Tenths 6
- Over 9 [illegible] 7
- Overcast 8
- Fog or Dust 9

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-5	1
Very light	6-12	2
Light	13-15	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.

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

ANNUAL SUBSCRIPTION P.T. 150

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Time of Sunrise 5 49 a.m.
Sunset 17 40

Month OCTOBER 1946 — شهر أكتوبر ١٩٤٦

At 14h. on TUESDAY 1st — الساعة ١٤ يوم الثلاثاء ١

STATION	PRESENT WEATHER (ww)	VISIBILITY (v)	WIND Dir. (dd)	WIND Force (f)	PAST WEATHER (w)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESS M.S.L. 1000+ mbs. (ppp)	TEMP. °C (ttt)	% HUMIDITY (uu)	RAIN 8-14 mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	9	32	3	1	3	8	13.2	27.0	69	0	131
MARIUT	01	8	32	3	1	3	8	12	28	58	0	150
ALEXANDRIA	01	9	08	2	1	4	8	13.0	27.4	60	0	132
DAMIETTA	01	8	08	3	1	3	8	12.0	27.9	63	0	159
PORT SA'ÎD	01	8	28	2	1	4	8	12.4	30.0	54	0	134
EL 'ARÎSH	00	9	32	3	0	0	—	11.6	28.3	55	0	135
LOWER EGYPT												
DAMANHÛR	01	7	04	3	1	5	8	12.2	30.6	52	0	136
MANSÛRA	01	8	02	1	1	4	8	12.0	32.0	46	0	137
TANTA	01	8	04	2	1	4	8	12.2	30.0	53	0	138
ZAGAZIG	01	6	24	2	1	4	8	11.8	31.1	54	0	139
SHEBÎN EL KÔM	01	8	02	3	1	4	8	11.1	31.6	50	0	—
MIDDLE EGYPT												
CAIRO (ALMÁZA)	00	8	04	2	0	2	8	10.3	32.3	52	0	141
CAIRO (EZBEKÎYA)	00	8	30	2	0	2	8	11.1	32.9	39	0	—
CAIRO (GÎZA)	00	7	02	2	0	0	—	11.4	32.8	37	0	
HELWÂN	00	8	26	4	0	3	8	10.2	33.0	28	0	143
SUEZ	00	9	02	1	0	0	—	11.1	33.0	30	0	144
UPPER EGYPT												
FAIYÛM	01	8	30	2	1	4	8	10.6	32.8	33	0	153
MINYA	00	7	04	2	1	0	—	9.8	35.7	29	0	154
ASYÛT	00	8	28	1	0	0	—	10.4	34.0	31	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	9.5	36.6	34	0	164
QENA	00	9	22	2	0	0	—	8.4	38.8	35	0	156
LUXOR	00	7	10	2	0	0	—	9.8	38.5	30	0	157
ASWÂN	04	9	30	1	1	3	4	7.2	40.5	15	0	158
WESTERN DESERT												
SÎWA	00	8	28	2	0	0	—	12.8	31.2	47	0	148
BAHARÎYA	00	9	00	0	0	0	—	—	35.8	25	0	149
KHÂRGA	00	9	32	1	0	0	—	9.6	37.8	22	0	151
DAKHLA	00	9	02	—	0	0		9.8	37.0	22	0	152
RED SEA												
TÔR	00	7	28	4	0	0	—	10.4	31.5	52	0	145
HURGHÂDA	00	8	02	3	0	0	—	—	32.9	34	0	146
QUSEIR	00	8	32	2	0	0	—	9.4	32.2	53	0	147
PORT SÛDÂN	00	8	04	3	1	3	4	7	33	56	0	169
NORTH SÛDÂN												
WÂDI HALFA	00	8	30	2	0	1	8	6	39	12	0	165
KAREIMA	02	8	00	0	0	5	4,5	7	35	37	0	166
'ATBARA	02	7	28	2	1	5	8,3	5	37	24	0	167
KHARTÛM	01	8	26	2	1	4		6	35	39	0	168
KASSALA	01	8	22	2	1	4	8	4	37	33	0	170
CENTRAL SÛDÂN												
WAD MEDANI	02	8	28	2	1	7	4	6	34	36	0	171
RENK	01	9	20	3	1	4	8	—	32	55	0	182
ROSEIRES	02	8	20	2	2	5	4	8	31	55	0	172
EL OBEID	02	8	08	2	1	8	4,2	5	32	59	0	174
EL FÂSHER	01	9	12	2	1	4	8	—	33	36	0	175
GENEINA												179
KADUGLI	01	8	20	3	1	4	9	6	33	41	0	187
S. SÛDÂN												
MALAKÂL	01	8	20	1	1	4	8	7	35	44	0	176
WÂU												177
JUBA	10	8	32	3	1	5	8	8	33	47	0	178

At 20h. on 1st — الساعة ٢٠ يوم الثلاثاء ١

STATION	PRESENT WEATHER (ww)	VISIBILITY (v)	WIND Dir. (dd)	WIND Force (f)	PAST WEATHER (w)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESS M.S.L. 1000+ mbs. (ppp)	TEMP. °C (ttt)	% HUMIDITY (uu)	RAIN 14-20 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	02	8	32	3	5	5		14.7	24.2	87	tr
MARIUT	00	7	04	1	1	1	6	14	23	84	0
ALEXANDRIA	01	6	00	0	2	3	4	14.8	24.4	72	0
DAMIETTA	00	7	30	1	1	0	—	13.5	25.0	74	0
PORT SA'ÎD	01	8	32	2	1	4	6	13.9	26.1	70	0
EL 'ARÎSH	00	9	32	3	0	0	—	13.0	26.3	99	0
LOWER EGYPT											
DAMANHÛR	01	7	32	2	1	3	8	8.8	24.2	78	0
MANSÛRA	00	6	04	2	1	0	—	13.6	24.6	79	0
TANTA	01	8	00	0	1	4	8	14.2	24.2	78	0
ZAGAZIG	00	6	32	2	0	0	—	12.6	24.2	79	0
SHEBÎN EL KÔM	00	7	02	2	0	0	—	13.6	25.0	77	0
MIDDLE EGYPT											
CAIRO (ALMÁZA)	01	7	04	3	1	4	8	12.2	27.4	74	0
CAIRO (EZBEKÎYA)	00	6	02	3	0	1	4	12.2	26.3	63	0
CAIRO (GÎZA)	00	7	30	1	0	0	—	12.2	27.0	65	0
HELWÂN	00	7	32	4	0	0	—	12.8	28.0	52	0
SUEZ	00	9	02	1	0	0	—	12.7	29.0	40	0
UPPER EGYPT											
FAIYÛM	01	8	02	2	1	4	8	12.4	27.8	54	0
MINYA	02	8	30	1	2	5	4	11.1	29.7	46	0
ASYÛT	00	6	26	1	0	0	—	11.6	30.3	46	0
NAG' HAMÂDI	00	8	00	0	0	0	—	10.7	27.9	62	0
QENA	01	6	24	1	0	3	1	9.9	30.0	53	0
LUXOR	00	6	28	3	0	0	—	10.7	33.0	25	0
ASWÂN	00	9	32	2	1	2		8.4	36.0	19	0
WESTERN DESERT											
SÎWA	00	8	28	2	0	0	—	18.3	27.8	55	0
BAHARÎYA	00	9	00	0	0	0	—				0
KHÂRGA	00	—	32	1	0	0	—	11.6	32.8	30	0
DAKHLA	00	7	24	3	0	0	—	12.0	27.5	36	0
RED SEA											
TÔR	00	7	28	3	0	0	—	10.3	29.2	70	0
HURGHÂDA	00	8	00	0	0	0	—	—	28.6	63	0
QUSEIR	00	8	30	1	0	0	—	9.8	28.7	58	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 1st — الرياح العليا يوم ١

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÁZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	12h.30m.	12h.30m.	12h.30m.	12h.30m.	12h.30m.	h. m.	12h.15m.	12h.45m.	13h. m.	13h. m.	13h. m.	h. m.	h. m.
	03 01 20	03 04 15	03 28 25	03 33 05	03 02 15		09 09 20	09 00 00	09 20 05	09 34 05	09 14 15		
	06 05 20	06 02 05	06 29 20	06 29 10	06 02 15		15 12 20	15 00 00	15 17 05	15 33 15	15 07 05		
	09 05 15	09 03 10	09 29 20	09 28 30	09 33 05		21 12 10	21 00 00	21 18 20	21 33 15	21 15 20		
	15 23 05	15 23 15		15 24 25	12 31 10		27 05 10	27 01 20	24 19 30	27 09 05	27 19 30		
	21 24 30	18 25 35		21 25 20	15 33 30		33 11 25	33 01 15	27 16 25	33 09 15	33 13 15		
	24 23 30	21 26 25		30 25 30	24 31 35		39 09 15	39 02 10	30 15 25	39 14 15	39 13 25		
	27 23 35	30 24 35		45 24 —	30 26 30				39 12 05				
		39 24 50											

At 8h. on WEDNESDAY 2nd — الساعة ٨ يوم الأربعاء ٢

STATION	PRESENT WEATHER (ww)	VISIBILITY (v)	WIND Dir. (dd)	WIND Force (f)	PAST WEATHER (w)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESSURE M.S.L. 1000+ mbs. (ppp)	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C (ttt)	MAXIMUM Yesterday °C (MM)	MAXIMUM Diff. from norm. °C	MINIMUM Today °C (mm)	MINIMUM Diff. from norm. °C	% HUMIDITY (uu)	RAINFALL Past 24 hrs mms	RAINFALL Total From Oct. 1 mms	RAINFALL Norm. From Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				
MATRÛH	02	9	24	3	2	5	8	16.4	-0.0	22.6	28	0	20	0	69	tr	tr	0
MARIUT	01	7	10	1	0	3	8	14	—	27	29	—	20	—	72	0	0	0
ALEXANDRIA	01	9	12	2	2	4	8	15.0	-0.4	26.4	30	+1	23	+2	66	0	0	0
DAMIETTA	01	8	04	3	1	3	8	13.9	-0.6	26.7	29	—	23	—	66	0	0	0
PORT SA'ÎD	01	8	04	2	1	4	8	14.3	+0.5	28.0	31	+1	25	+3	63	0	0	0
EL 'ARÎSH	00	9	00	0	0	0	—	14.0	-0.4	27.4	31	+2	21	+2	66	0	0	0
LOWER EGYPT																		
DAMANHÛR	01	6	08	2	1	3	8	14.7	-0.6	24.0	31	0	21	+3	82	0	0	0
MANSÛRA	00	8	32	2	0	0	—	14.6	-0.3	26.5	33	+1	22	+3	72	0	0	0
TANTA	01	8	04	1	1	4	8	15.0	-0.3	26.4	31	-1	18	+1	72	0	0	0
ZAGAZIG	00	6	32	2	0	0	—	14.4	-1.0	26.4	32	0	20	+3	75	0	0	0
SHEBÎN EL KÔM	00	8	04	2	0	0	—	13.5	-1.7	25.3	33	—	20	—	73	0	0	—
MIDDLE EGYPT																		
CAIRO (ALMAZA)	00	7	04	1	0	0	—	13.6	-1.3	25.5	34	—	23	—	75	0	0	—
CAIRO (EZBEKÎYA)	05	6	04	2	0	1	8	13.9	-1.0	24.3	35	+2	21	+2	76	0	0	0
CAIRO (GÎZA)	00	6	28	1	0	0	—	13.9	-1.1	22.4	34	+3	19	+2	84	0	0	0
HELWÂN	00	7	00	0	0	0	—	12.8	-1.0	26.0	34	+3	23	+4	69	0	0	0
SUEZ	00	9	30	1	0	0	—	14.0	+0.0	27.6	34	+2	23	+3	48	0	0	0
UPPER EGYPT																		
FAIYÛM	01	8	02	1	1	3	8	12.4	-1.6	25.8	35	+2	21	+2	67	0	0	0
MINYA	00	9	32	2	1	0	—	13.0	-1.4	26.2	36	+5	22	+4	57	0	0	—
ASYÛT																0	0	0
NAG' HAMÂDI	00	8	00	0	0	0	—	12.3	0.0	31.2	37	—	22	—	48	0	0	—
QENA	01	8	24	1	1	3	1	12.0	-0.4	28.4	41	+5	24	+4	44	0	0	—
LUXOR	00	7	28	2	0	0	—	12.0	+0.9	31.0	39	+1	25	+5	32	0	0	—
ASWÂN	01	9	02	2	1	3	1	11.2	-0.2	29.4	41	+3	27	+4	38	0	0	0
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	16.8	+0.2	23.0	32	-2	—	—	66	0	0	0
BAHARÎYA	00	9	00	0	0	0	—	—	—	29.0	36	+4	21	+4	58	0	0	0
KHÂRGA	00	9	02	1	0	2	3	12.2	-1.0	27.0	38	+2	25	+5	39	0	0	—
DÂKHLA	00	8	28	1	0	0	—	13.2	-0.8	27.0	37	+2	22	+3	43	0	0	—
RED SEA																		
TÔR	00	7	28	2	0	0	—	10.8	-0.8	26.9	—	—	—	—	57	0	0	0
HURGHÂDA	00	8	30	2	0	0	—	—	—	27.8	34	+2	22	+1	56	0	0	0
QUSEIR	00	8	30	1	0	0	—	12.0	+0.4	30.0	34	+2	26	+1	42	0	0	0
PORT SÛDÂN																0	0	0
NORTH SÛDÂN																		
WÂDI HALFA	01	8	02	2	0	2	4	10	—	31					33	0	0	—
KAREIMA	01	8	00	0	1	4	4	9		31					55	0	0	0
'ATBARA	00	8	30	3	0	0	—	8		31					38	0	0	0
KHARTÛM	01	8	12	2	1	3	4	9		31					52	0	0	0
KASSALA	01	8	00	0	0	4	4,1	8		29					52	0	0	0
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	18	3	0	3	3	9		27					66	0	0	0
RENK	01	9	28	3	1	4	3	—		29		—		—	59	—	—	0
ROSEIRES	01	8	12	1	1	4	6	—		26					70	0	0	0
EL OBEID	02	9	00	0	1	6	4,2	9	—	26					70	0	0	0
EL FÂSHER								—	—							0	0	0
GENEINA								—	—			—		—			—	0
KADUGLI	01	8	12	2	1	4	4	12		26		—		—	79	—	0	0
S. SÛDÂN																		
MALAKÂL	01	8	04	1	1	3	4	9		28					74	0	0	0
WÂU	02	8	00	0	1	6	4,2	9		24					84	24	24	2
JUBA	01	8	30	1	0	4	2	11		24					84	0	0	0

UPPER WINDS ON 2nd — الرياح العليا يوم ٢

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	6h.45m.	h. m.	9h. m.	7h. m.	h. m.	7h. m.	7h. m.	7h.25m.	7h. 15m.	7h. m.	h. m.
	03 09 15		00 04 10	03 35 10		03 19 20	02 01 15	09 07 55	09 12 30	09 36 05	
	06 06 15		02 05 15	06 16 05		06 19 30	05 02 35	15 09 50	15 14 20	15 06 15	
	09 06 15		05 06 20	09 12 15		09 30 25	10 06 30	21 13 40	21 13 20	21 07 10	
	12 06 05		08 07 20	15 31 15		12 31 25	15 10 20	27 12 45	24 11 30	33 08 30	
	15 06 05		10 08 20	18 32 05		15 24 25	20 14 15	33 14 45		39 07 30	
	18 06 05		15 10 10			18 24 20	25 19 15	39 14 55			
	21 03 02		20 18 10				30 25 10				
	24 04 05		23 19 20				35 26 15				
			25 22 20				40 25 35				

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7h. m.	h. m.	7h. m.	h. m.	h. m.	7h. m.
09 04 15		09 23 05			09 05 10
15 05 10		15 11 10			15 06 20
21 06 10		21 11 35			21 08 20
27 09 10		27 09 35			27 08 20
33 11 05		33 07 30			

UPPER AIR TEMP. ALMÁZA AT 5h G.M.T ON 2nd

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	1004	72	68
500	986	71	66
1000	968	70	65
1500	951	70	63
2000	934	70	62
4000	867	62	56
6000	804	54	49
8000	746	45	40
10000	690	38	33
12000	639	32	25
14000	590	29	22
16000	546	21	14

CYPRUS SYNOPTIC 8h. ON 2nd

34710 01951 08101 14251 70404 00180
34820 01962 24202 15231 70202 00171

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	2-10	8866	6709
	1-10	8866	6889

STATION	Mean of day HUMIDITY % (1st)	Diff from normal	WET BULB TEMP °C (1st)	Diff from normal
Alexandria	68	+1	21.8	+1.0
Ezbekîya	60	-5	21.8	+1.6
Gîza	64	-4	22.1	+1.9
Helwân	57	+3	20.9	+2.1

GÎZA — GRASS MINIMUM TEMP. ON 2nd 17.0°C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 2nd 26.3°C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	2-10-46	—	—	—	—
Nâsser		—	—	11.03	+0.59
Malakâl		12.82	+0.61	12.82	+0.62
J. Aulia Res.		—	—	—	—
J. Aulia D.S		—	—	—	—
Roseires		17.78	+0.41	17.50	+0.01
Sennar Res.		—	—	17.30	—
Khartûm		—	—	14.84	-0.17
Kh. el Girba		—	—	—	—
'Atbara		14.09	0.00	14.18	+0.03
Kajnarti		141.11	+0.54	141.20	+0.47
Aswân Res.		114.26	—	114.16	—
Aswân D.S		92.76	+1.25	92.75	+1.20
Roda (Cairo)		19.53	+1.05	19.38	+1.23

Printed by the Survey of Egypt, 1946 (45/306)

ANNUAL SUBSCRIPTION P.T. 150

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 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 AMOUNT (N)

Clear 0
Trace 1
1 Tenth 2
2, 3 Tenths 3
4, 5, 6 Tenths 4
7, 8 Tenths 5
9 Tenths 6
Over 9 Tenths 7
Overcast 8
Fog or Dust 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.

Sunset 17 39 — Month OCTOBER 1946 — شهر أكتوبر ١٩٤٦

DAILY WEATHER REPORT

At 14h. on Wednesday 2nd — الساعة ١٤ يوم الأربعاء ٢

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	°C Temp. (ttt)	% Humidity (uu)	Rain 8-14 h. mms	Station Number
Mediterranean												
SALÛM												130
MATRÛH	00	9	32	3	2	3	8	15.9	25.8	59	0	131
MARIUT	01	8	28	4	1	3	6,4,6	14	28	66	0	150
ALEXANDRIA	01	9	04	3	2	4	8	15.0	27.6	59	0	132
DAMIETTA	01	8	04	3	1	3	8,4,5	13.6	27.4	65	0	159
PORT SA'ÎD	02	8	02	2	2	6	2,8	13.9	28.0	60	0	134
EL 'ARÎSH	01	9	32	2	0	3	1	13.4	26.2	66	0	135
Lower Egypt												
DAMANHÛR	01	7	04	2	1	4	8	13.5	31.3	45	0	136
MANSÛRA	01	8	02	1	1	4	8	13.4	31.8	51	0	137
TANTA	02	8	02	2	2	5	8	13.1	30.0	53	0	138
ZAGAZIG	00	6	28	2	0	0	—	13.4	32.2	50	0	139
SHEBÎN EL KOM	01	8	02	3	1	4	8	12.8	31.8	48	0	—
Middle Egypt												
CAIRO ALMÂZA	01	8	02	3	0	4	8,4	11.6	33.5	33	0	141
CAIRO EZBEKIYA	01	8	28	3	0	4	8,3	12.4	33.1	41	0	—
CAIRO GÎZA	01	7	28	2	1	3	8	12.8	32.0	42	0	—
HELWÂN	01	8	00	0	1	4	8,4	11.5	33.7	25	0	143
SUEZ	01	9	00	0	1	4	1	12.4	34.0	31	0	144
Upper Egypt												
FAIYÛM	01	8	00	0	1	3	8	11.6	34.8	32	0	153
MINYA	01	9	28	2	1	3	2	11.1	33.9	36	0	154
ASYÛT	00	8	26	1	0	0	—	11.6	32.0	49	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	9.8	35.2	21	0	164
QENA	01	9	24	1	1	4	1	8.8	39.2	28	0	156
LUXOR	00	7	06	2	0	0	—	9.4	39.0	33	0	157
ASWÂN	00	9	06	1	0	0	—	7.1	41.5	16	0	158
Western Desert												
SÎWA	00	8	00	0	0	0	—	16.6	30.0	53	0	148
BAHARÎYA												149
KHÂRGA	02	9	02	2	2	5	5	10.8	37.8	19	0	151
DAKHLA	00	9	28	2	0	0	—		36.5	20	0	152
Red Sea												
TÛR	00	7	28	4	0	0	—	10.7	32.1	62	0	145
HURGHADA	00	8	04	1	0	0	—		32.3	35	0	146
QUSEIR	00	8	04	1	0	0	—	10.7	32.0	61	0	147
PORT SUDÂN	00	8	04	3	0	0	—	7	34	53		[illegible]
North Sudan												
WÂDI HALFA	01	8	12	2	0	3	4	5	42	11		165
KAREIMA	00	8	00	0	1	2	8	5	39	17		166
'ATBARA	00	8	20	3	0	2	4,2	3	39	21		167
KHARTÛM	01	8	08	3	1	3	8	4	37	27		[illegible]
KASSALA	01	8	04	2	1	4	8,4	3	39	23		170
Central Sudan												
WAD MEDANI	01	8	16	3	0	5	6	5	36	37		171
RENK	01	9	20	3	1	4	8	—	36	42		182
ROSEIRES	00	8	06	1	0	2	8	6	35	44		172
EL OBEID	02	8	00	0	1	5	8	4	33	36		174
EL FÂSHER												175
GENEINA	02	8	07	1	1	5	9,1	—	31	43		179
KADUGLI	01	8	04	3	1	4	9	6	33	36		187
S. Sudan												
MALAKÂL	01	8	06	1	1	4	8	5	33	53		176
WÂU	02	8	08	1	1	6	8,2	5	32	34		177
JUBA	21	8	32	2	5	5	8,1	5	34	41		178

At 20h. on 2nd — الساعة ٢٠ يوم الأربعاء ٢

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	°C Temp. (ttt)	% Humidity (uu)	Rain 14-20 h. mms
Mediterranean											
SALÛM											
MATRÛH	00	8	06	1	0	3	8	16.3	23.8	69	0
MARIUT	00	7	31	1	0	1	6	16	25	74	0
ALEXANDRIA	01	6	04	1	2	3	4	16.4	25.0	68	0
DAMIETTA	00	7	04	1	1	0	—	16.0	25.0	76	0
PORT SA'ÎD	00	8	04	2	0	3	8	15.5	26.1	71	0
EL 'ARÎSH	02	9	32	4	0	6	3	14.0	26.2	69	0
Lower Egypt											
DAMANHÛR	00	7	32	2	1	3	8	15.6	23.0	74	0
MANSÛRA	00	6	32	1	1	0	—	15.4	23.6	77	0
TANTA	01	6	32	2	1	4	8	15.6	23.5	80	0
ZAGAZIG	00	6	32	2	0	0	—	14.7	23.8	80	0
SHEBÎN EL KOM	00	7	02	2	0	0	—	14.3	23.4	73	0
Middle Egypt											
CAIRO ALMÂZA	00	7	02	3	1	3	4	14.6	26.6	66	0
CAIRO EZBEKIYA	00	6	02	4	0	3	4	15.1	26.3	69	0
CAIRO GÎZA	01	6	30	1	1	4	8	14.4	26.6	67	0
HELWÂN	00	6	02	4	1	1	8	14.0	27.4	58	0
SUEZ	01	9	30	1	1	4	3	14.2	27.8	58	0
Upper Egypt											
FAIYÛM	01	8	30	2	1	3	8	13.6	28.0	51	0
MINYA	02	8	32	3	2	7	6	11.9	30.1	49	0
ASYÛT	00	6	28	1	0	0	—	12.3	28.9	54	0
NAG' HAMÂDI	00	8	00	0	0	0	—	10.6	28.9	52	0
QENA	01	6	26	2	1	3	1	10.7	32.4	26	0
LUXOR	00	6	28	3	0	0	—	11.2	33.0	25	0
ASWÂN	00	9	32	2	0	0	—	6.7	36.8	19	0
Western Desert											
SÎWA	00	5	00	0	0	0	—	16.6	25.0	61	0
BAHARÎYA	01		00	0	1	4		15.1	25.5	65	0
KHÂRGA	01		02	3	1	4	5	10.8	32.0	28	0
DAKHLA	00	7	28	2	0	0	—	13.4	27.3	39	0
Red Sea											
TÛR	00	7	28	3	0	0	—	10.8	29.9	64	0
HURGHADA	00	8	00	0	0	0	—		28.1	62	0
QUSEIR	00	8	32	2	0	0	—	10.6	29.2	54	0
PORT SUDÂN											
North Sudan											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
Central Sudan											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. Sudan											
MALAKÂL											
WÂU											
JUBA											

Upper Winds on 2nd — الرياح العليا يوم ٢

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh	Mariut	Port Said	Almâza	Minya	Luxor	Hurghada	Wâdi Halfa	Kareima	Khartûm	Kassala	El Obeid	Malakal	Juba
h. m.	h. m.	h. m.	12 h. 30 m.	12 h. 45 m.	h. m.	h. m.	13 h. 30 m.	13 h. m.	13 h. m.	12 h. 45 m.	13 h. m.	13 h. m.	13 h. m.
	03 33 35		03 04 10	03 30 15			09 10 10	09 03 05	09 08 05	09 03 05	09 11 05	09 11 05	09 07 25
	06 32 35		06 06 25	06 30 10			15 14 15	15 06 20	15 08 20	15 05 10	15 14 20	15 10 10	15 08 15
	09 32 45		09 06 20	09 22 05			21 15 25	21 09 15	21 06 15	21 06 15	21 14 15	21 08 10	21 06 20
	12 31 45		12 06 20	15 27 05			27 15 10	27 09 15	27 09 20		27 10 25	24 08 15	27 07 20
			15 07 20	21 26 55			33 09 10	33 10 15	30 09 35		33 09 25		
			18 10 05	27 24 45			36 12 15	39 09 20	39 10 30		39 16 30		
				30 23 30									
				36 24 45									
				39 24 60									

At 8h. on Thursday 3rd — الساعة ٨ يوم الخميس ٣

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Pressure M.S.L. 1000+ mbs. (ppp)	Diff. from normal mbs.	Temperature Dry Bulb °C (ttt)	Maximum Yesterday °C (MM)	Maximum Diff. from norm. °C	Minimum Today °C (mm)	Minimum Diff. from norm. °C	% Humidity (uu)	Rainfall Past 24 hrs. mms	Rainfall Total From Oct. 1 mms	Rainfall Norm From Oct. 1 mms
Mediterranean																		
SALÛM												—		—				0
MATRÛH	01	9	24	2	0	4	8	16.8	+1.2	23.5	28	+1	19	−1	64	0	16	1
MARIUT	01	7	23	1	1	6	9	16		23	30	—		—	84	0	0	0
ALEXANDRIA	02	9	28	2	5	5	9	16.4	+0.9	24.4	30	+1	22	+1	72	dr.	dr	0
DAMIETTA	02	8	30	2	1	5	4,8,9	15.4	+0.8	25.8	29	—	23	—	73	0	0	0
PORT SA'ÎD	02	8	04	2	2	6	4,8	15.6	+1.7	27.0	31	+2	25	+3	64	0	0	0
EL 'ARÎSH	02	9	00	0	1	6	3	15.1	+0.6	26.1	29	0	23	+5	77	0	0	0
Lower Egypt																		
DAMANHÛR	01	6	28	3	1	3	8	15.1	−0.3	23.6	32	+1	19	+1	86	0	0	0
MANSÛRA	01	8	02	1	1	4	8	15.4	+0.4	25.0	33	+1	22	+3	76	0	0	0
TANTA	01	8	00	0	1	4	8	16.0	+0.6	23.4	32	0	19	+2	87	0	0	0
ZAGAZIG	02	6	02	2	2	6	8	15.5	0.0	23.4	32	0	21	+4	83	0	0	0
SHEBÎN EL KÔM	01	8	02	2	1	4	8	16.0	−0.1	23.4	34	—	20	—	81	0	0	—
Middle Egypt																		
CAIRO ALMAZA	21	7	00	0	5	5	2,4,5	15.3	+0.3	23.8	34	—	21	—	78	dr.	dr	—
CAIRO EZBEKIYA	09	5	02	1	1	5	0	15.6	+0.6	23.6	34	+3	21	+2	81	dr.	dr	0
CAIRO GÎZA	20	6	28	1	5	6	0	15.5	+0.5	22.4	33	+2	20	+4	89	dr.	dr	0
HELWÂN	09	5	00	0	2	6	4,5	15.4	+0.5	23.5	35	+4	21	+2	78	0	0	0
SUEZ	20	8	30	1	5	8	5	15.9	+2.0	24.8	37	+5	23	+3	75	dr.	dr	0
Upper Egypt																		
FAIYÛM	02	8	32	1	2	6	9	15.5	+0.4	23.4	35	+3	22	+4	79	0	0	0
MINYA	21	7	28	1	5	7	5,4	14.8	+0.3	22.0	35	+4	21	+3	57	dr.	dr	—
ASYÛT	01	7	30	1	1	5	6	15.0	+1.3	26.8	34	+2	25	+5	68	0	0	0
NAG' HAMÂDI	00	8	00	0	0	0	—	13.8	+1.4	28.9	37	—	23	—	60	0	0	—
QENA	01	8	24	1	1	3	1	12.6	+0.1	29.4	41	+5	24	+4	51	0	0	—
LUXOR	00	7	28	1	0	0	—	12.6	+0.4	32.0	40	+3	25	+5	28	0	0	—
ASWÂN	01	9	32	3	1	3	1	11.0	−0.5	29.7	42	+4	27	+4	35	0	0	
Western Desert																		
SÎWA	00	7	00	0	0	0	—	18.2	+1.5	20.2	31	−3	18	−2	77	0	0	0
BAHARÎYA	00	9	32	1	0	0	—	16.8	+1.1	24.0	35	+3	18	+1	67	0	0	0
KHÂRGA	01	9	02	3	1	3	3	13.0	−0.2	27.4	38	+2	26	+6	55	0	0	—
DÂKHLA	00	8	28	2	0	0	—	13.1	−1.0	29.0	37	+2	21	+2	43	0	0	—
Red Sea																		
TÛR	00	7	28	3	0	0	—	12.0	+0.3	29.4	32	+2			49	0	0	0
HURGHÂDA	00	8	30	4	0	0	—			27.2	33	+1	—	—	66	0	0	0
QUSEIR	00	8	30	2	0	0	—	10.4	−1.3	29.8	34	+2	27	+2	54	0	0	0
PORT SÛDÂN	00	9	00	0	0	0	—	9		33					47	0	0	0
North Sudan																		
WÂDI HALFA	00	8	02	3	0	1	4	9		34					16	0	0	—
KAREIMA	00	8	00	0	0	0	—	7		32					28	0	0	0
'ATBARA	00	7	12	3	0	0	—	5		33					32	0	0	0
KHARTÛM	00	8	26	2	1	1	4,1	7		31					46	0	0	0
KASSALA	00	8	14	3	0	0	—	7		30					55	1	1	0
Central Sudan																		
WAD MEDANI	01	9	20	3	0	3	3	8		29					59	0	0	0
RENK	01	9	18	3	1	4	3	—		30		—		—	59	—	0	1
ROSEIRES	01	8	12	1	0	3	1	9		26					70	0	0	1
EL OBEID	01	8	24	1	0	4	4	8		28					66	0	0	0
EL FÂSHER	01	9	00	0	1	3	4	—	—	24					74	1	1	0
GENEINA	01	8	00	0	1	4	4,1	—	—	22		—		—	94	0	0	0
KADUGLI	02	8	28	2	1	5	4	—		26		—		—	70	—	0	5
S. Sudan																		
MALAKÂL	01	8	00	0	1	4	4	9		28					79	0	0	4
WÂU																0	0	5
JUBA	02	8	16	1	0	5	8	12		24					94	0	0	4

Upper Winds on 3rd — الرياح العليا يوم ٣

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh	Mariut	Port Said	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa	Abu Hamad	Kareima	Khartûm
h. m.	8 h. 15 m.	6 h. 45 m.	9 h. m.	7 h. 15 m.	7 h. m.	h. m.	7 h. m.	h. m.	h. m.	h. m.	h. m.
	03 33 10	03 05 15	02 35 05	03 33 05	02 33 15		02 01 25				
	06 32 15	06 04 10	05 07 10	06 24 15	05 33 25		05 02 50				
	09 32 10	09 08 05	08 04 15	09 26 60	10 32 55		10 03 50				
		12 04 05	10 01 05	12 26 60	15 30 55		15 05 55				
		15 27 05	15 21 30	15 24	20 31 60		20 05 45				
		18 26 10	20 22 40								
		21 19 35	23 23 60								
			25 22 35								
			30 24 55								

Kassala	Port Sûdân	El Obeid	El Fâsher	Geneina	Malakal
7 h. m.	7 h. m.	h. m.	h. m.	h. m.	6 h. 45 m.
09 18 25	09 02 40				09 25 05
	15 02 35				15 26 05
21 10 25	21 06 35				21 10 05
27 06 30	27 06 25				27 08 05
	33 08 30				
					39 09 02

Upper Air Temp. Almâza at 05 GMT on 3rd

Height Feet	P.P.P. m.b.	T.T. °F	t.t. °F
Surface	1005	72	68
500	987	73	69
1000	969	72	68
1500	951	70	66
2000	934	70	61
4000	868	64	54
6000	806	56	51
8000	746	51	41
10000	691	43	38
12000	639	33	32
14000	590	30	24
16000	544	21	19

Cyprus Synoptic 8h. on 3rd

34710	00951	26101	13241	60410	00160
34820	00905	20201	15221	30302	00160

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	Date	1946	1945
	3rd	8670	6589
	2nd	8866	6709

Station	Mean of day: Humidity % on 2nd	Humidity Diff. from normal	Wet Bulb Temp. °C on 2nd	Wet Bulb Temp. Diff. from normal
Alexandria	65	−2	21.7	+0.9
Ezbekiya	66	+1	22.3	+2.1
Gîza	70	+2	22.2	+2.1
Helwân	58	+4	21.2	+2.5

Gîza — Grass minimum temp. on 3rd 18.1 °C

Cairo — Water temp. at 9h. River Nile on 3rd 26.6 °C

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser					
Malakâl				12.82	+0.61
J. Aulia Res.					
J. Aulia D.S					
Roseires		17.50	+0.22	17.78	+0.41
Sennar Res.				17.21	
Khartûm				14.72	
Kh. el Girba					
'Atbara				14.09	0.00
Kajnarti				141.11	+0.54
Aswân Res.		113.80		114.25	
Aswân D.S		92.65	+1.19	92.75	+1.25
Roda (Cairo)		19.48	+0.99	19.53	+1.05

Printed by the Survey of Egypt, 1945. (45/306)

ANNUAL SUBSCRIPTION P.T. 150

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	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 Amount (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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.

Sunset 17 38 Month October 1946

DAILY WEATHER REPORT

١٩٤٦ شهر أكتوبر

At 14h. on Thursday 3rd 10/3 الساعة ١٤ يوم — At 20h. on 3rd الساعة ٢٠ يوم الخميس ٣

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
Mediterranean																							
SALÛM																							130
MATRÛH	00	9	32	3	1	3	8	15.9	26.2	61	0	06	8	30	3	0	3	—	16.3	25.0	61	0	131
MARIUT	00	7	27	3	1	2	8,1	15	28	52	0	00	7	31	1	0	2	8	16	24	69	0	150
ALEXANDRIA	01	9	28	2	2	3	8	15.1	27.7	46	0	02	6	04	2	2	5	6	16.3	24.0	67	0	132
DAMIETTA	50	8	30	3	1	5	7	14.4	25.9	78	dr	01	7	30	1	1	3	5	14.8	23.8	77	0	159
PORT SA'ÎD	50	7	04	2	5	6	7	14.6	28.0	60	dr	60	8	14	2	6	5	7	14.8	23.7	90	dr	134
EL 'ARÎSH	03	9	02	2	2	8	4	14.2	26.8	69	0	01	9	04	2	1	4	3	14.2	26.1	73	0	135
Lower Egypt																							
DAMANHÛR	01	7	04	3	1	4	8	14.8	30.2	52	0	01	7	32	2	1	3	8	15.6	23.3	78	0	136
MANSÛRA	01	8	32	2	1	4	8	14.2	29.6	45	0	01	6	32	2	1	3	8	15.8	23.6	75	0	137
TANTA	01	8	28	2	1	4	8	15.0	29.0	50	0	01	8	24	1	1	5	8	16.4	22.2	80	0	138
ZAGAZIG	02	6	24	2	2	5	8	14.0	30.1	55	0	00	6	32	2	0	0	—	14.7	23.8	79	0	139
SHEBÎN EL KÔM	01	8	30	3	1	4	8	13.9	31.2	46	0	00	7	02	2	1	1	3	14.7	23.0	75	0	—
Middle Egypt																							
CAIRO ALMÂZA	02	8	30	2	1	5	8,4,5	13.6	30.2	43	0	01	7	02	2	1	4	4	14.8	25.4	64	0	141
CAIRO EZBEKÎYA	02	8	30	2	1	6	3,8,4	14.0	30.6	49	0	01	6	02	3	1	4	8	15.1	25.2	67	0	—
CAIRO GÎZA	02	7	30	1	1	5	8	14.6	30.3	47	0	01	7	04	1	1	4	8	14.0	25.6	65	0	—
HELWÂN	02	8	32	1	2	8	8	14.0	29.9	42	0	00	7	02	3	0	3	4	14.6	25.9	63	0	143
SUEZ	02	9	00	0	2	7	5	14.4	29.8	46	0	01	9	30	2	1	4	3	14.2	25.4	58	0	144
Upper Egypt																							
FAIYÛM	02	8	32	2	2	6	8	13.9	31.0	40	0	02	8	32	1	2	6	9	13.8	26.1	48	0	153
MINYA	03	8	14	1	5	8	9	14.2	26.4	53	dr	03	8	02	1	2	8	3	13.8	24.0	57	0	154
ASYÛT	01	8	25	1	1	5	8	14.2	27.7	57	0	01	8	28	1	1	5	6	—	26.5	59	0	155
NAG' HAMÂDI	00	8	24	1	0	0	—	11.8	32.3	41	0	00	8	24	2	0	0	—	12.6	26.4	50	0	164
QENA	01	9	26	2	1	3	1	11.0	37.0	24	0	01	6	28	1	1	3	1	11.4	29.8	35	0	156
LUXOR	00	7	30	2	0	0	—	11.1	35.5	27	0	00	6	28	3	0	0	—	11.9	30.0	30	0	157
ASWÂN	05	5	32	5	0	0	—	7.4	38.0	21	0	06	5	32	5	0	0	—	10.2	34.0	27	0	158
Western Desert																							
SÎWA	00	8	00	0	0	0	—	17.4	31.0	59	0	00	—	00	0	0	0	—	17.0	25.0	60	0	148
BAHARÎYA	00	9	00	0	0	0	—	14.6	32.0	49	0												149
KHÂRGA	01	9	32	3	1	4	3,5	12.2	34.5	26	0	02	—	32	4	2	5	5	12.2	29.8	34	0	151
DAKHLA	00	9	32	2	0	0	—	—	36.0	27	0	00	7	32	1	0	0	—	13.1	28.0	44	0	152
Red Sea																							
TÔR	00	7	28	5	0	0	—	12.0	32.8	51	0		7	28	4				11.9	30.5	57	0	145
HURGHÂDA	01	8	30	5	1	3	1	—	31.7	46	0	00	8	24	4	0	0	—	—	27.1	66	0	146
QUSEIR	00	8	32	3	0	0	—	9.1	33.4	54	0	00	8	32	5	0	0	—	8.7	29.2	62	0	147
PORT SUDÂN	00	8	06	3	0	0	—	6	34	56	0												189
North Sûdân																							
WADI HALFA	00	8	02	3	0	1	4	7	39	14													165
KAREIMA																							166
'ATBARA	00	8	06	2	0	1	8	2	40	19													167
KHARTÛM	01	8	04	3	0	4	6	3	39	17													168
KASSALA	01	8	18	2	1	3	8	1	39	23													170
Central Sûdân																							
WAD MEDANI	01	8	20	2	0	3	8	2	38	29													171
RENK	01	9	08	3	1	4	8	3	35	39													182
ROSEIRES	11	9	16	1	0	4	9	6	34	41													172
EL OBEID	11	9	00	0	1	4	9	2	35	35													174
EL FÂSHER	01	9	08	2	1	5	8	—	34	34													175
GENEINA	01	8	02	1	1	5	8	—	30	59													179
KADUGLI	02	8	04	2	1	5	9	5	35	39													187
S. Sûdân																							
MALAKÂL	22	8	08	1	6	5	8,4	5	28	66													176
WÂU																							177
JUBA	01	8	04	2	1	3	8	5	35	27													178

UPPER WINDS ON 3rd الرياح العليا يوم ٣

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA 12 h. 48 m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13 h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA 13 h. m.	EL OBEID 13 h. m.	MALAKAL h. m.	JUBA 13 h. 15 m.
			03 34 15				09 10 —			09 18 05	09 36 25		09 01 15
			06 34 15				15 13 20			15 12 15	15 02 05		15 05 15
			09 35 20				21 11 25			21 16 05	21 06 05		21 07 15
			12 03 05				27 13 15			27 14 05	✓		24 01 25
			15 34 15										
			18 22 15										
			21 24 20										
			24 22 30										
			30 21 40										

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day Humidity % on 3rd	Diff from normal	Wet bulb temp °C on 3rd	Diff from normal
Alexandria	70	0	20.3	-0.4
Ezbekiya	68	+3	21.7	+1.6
Giza	71	+3	21.5	+1.4
Helwân	64	+10	21.0	+2.4

GÎZA — Grass minimum temp. on 4th 14.3 °C

CAIRO — Water temp. River Nile at 8h. on 4th 26.3 °C

Discharges at Aswân measured by sluices m³ per sec. Date	1946	1945
4-10	8444	6589
3-10	8670	6589

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba		13.33	-0.41	13.36	-0.38
Nâsser	—			11.05	+0.59
Malakâl		12.82	+0.59	12.82	+0.60
J. Aulia Res.				377.31	
J. Aulia D.S				374.41	-0.42
Roseires		17.30	+0.13	17.50	+0.22
Sennar Res.	[illegible]	17.29		17.21	
Khartûm		14.54	-0.32	14.59	-0.34
Kh. el Girba	4				
Atbara		13.85	-0.10	13.97	-0.05
Kajnarti				120.93	+0.43
Aswân Res.		113.43		113.80	
Aswân D.S		92.80	+1.11	92.65	+1.19
Roda (Cairo)		19.48	+1.03	19.46	+0.99

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on Friday 4th الساعة ٨ يوم الجمعة ٤

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct 1 mms
Mediterranean																		
SALÛM												—		—				0
MATRÛH	01	9	24	3	5	4	8	16.2	+0.5	23.0	27	0	20	0	70	dr	tr	1
MARIUT	01	7	32	2	0	3	8	15	—	26	28	—	23	—	62	0	0	1
ALEXANDRIA	01	9	04	2	2	4	4	15.6	0.0	26.4	29	0	23	+2	55	0	dr	0
DAMIETTA	01	8	20	1	1	3	9	14.4	-0.3	26.0	29	—	20	—	68	dr	dr	0
PORT SA'ÎD	01	8	26	2	5	3	8	14.7	+0.7	26.1	30	+1	22	0	66	4	4	0
EL 'ARÎSH	02	9	30	1	2	8	3	12.6	-2.0	—	29	0	20	+2	72	0	0	0
Lower Egypt																		
DAMANHÛR	01	6	00	2	1	3	8	15.0	-0.5	24.0	31	0	19	+1	82	0	0	0
MANSÛRA	01	8	02	1	1	4	8	14.8	-0.3	24.2	32	0	19	0	72	0	0	0
TANTA	00	8	28	1	0	0	—	15.6	+0.1	25.0	30	-2	17	0	67	0	0	0
ZAGAZIG	00	6	24	2	0	0	—	15.2	-0.4	25.4	33	+1	18	+1	61	0	0	0
SHEBÎN EL KÔM	00	8	28	2	0	0	—	14.3	-1.1	23.7	33	—	19	—	76	0	0	—
Middle Egypt																		
CAIRO ALMAZA	01	7	00	0	0	3	4	14.7	-0.3	23.0	32	—	19	—	66	0	dr	—
CAIRO EZBEKÎYA	05	6	28	1	0	3	3	15.1	0.0	22.7	32	+1	20	+1	74	0	dr	0
CAIRO GÎZA	01	7	30	1	1	4	1	14.7	-0.4	21.8	31	0	17	+1	78	0	dr	0
HELWÂN	01	7	32	2	1	4	1	14.6	-0.4	23.0	31	0	20	+1	66	0	0	0
SUEZ	02	9	30	1	2	5	3	15.0	+1.0	25.0	30	-2	22	+2	65	0	dr	0
Upper Egypt																		
FAIYÛM	02	8	02	2	2	5	3	15.6	+0.5	23.8	32	0	20	+2	67	0	0	0
MINYA	02	8	32	3	2	5	2	15.5	+0.9	20.6	27	-4	20	+2	65	dr	dr	—
ASYÛT	01	7	26	1	1	4	5	14.4	+0.6	20.5	29	-2	22	+2	73	0	0	0
NAG' HAMÂDI	01	8	24	1	1	4	4	12.3	-0.2	25.4	34	—	22	—	73	0	0	—
QENA	01	8	24	1	1	4	—	11.5	-1.1	28.2	38	+2	23	+3	52	0	0	—
LUXOR	00	7	28	1	0	0	—	12.0	-0.3	30.4	36	+2	23	+3	34	0	0	—
ASWÂN	02	9	32	2	1	5	4	11.4	-0.2	28.6	39	+1	25	+2	36	0	0	—
Western Desert																		
SÎWA	00	7	00	0	0	0	—	18.2	+1.4	20.6	31	-3	14	-2	35	0	0	0
BAHARÎYA																	0	0
KHÂRGA	01	9	32	4	0	5	5	13.2	-0.1	25.4	35	-1	24	+4	54	0	0	—
DÂKHLA	00	8	20	1	0	0	—	14.8	+0.6	25.5	37	+2	21	+2	58	0	0	—
Red Sea																		
TÔR	00	7	00	0	0	0	—	9.6	-2.3	27.8	38	+3	—	—	58	0	0	0
HURGHÂDA	00	8	30	4	0	0	—	—	—	28.4	34	+2	23	+2	56	0	0	0
QUSEIR	00	8	32	4	0	0	—	9.6	+2.2	28.4	35	+4	26	+2	55	0	0	0
PORT SÛDÂN	00	8	32	3	0	1	6	10		32					63	0		0
North Sûdân																		
WÂDI HALFA	01	8	30	3	1	4	4	11		28					35	0	0	—
KAREIMA	00	7	06	4	0	0	—	8		31					33	0	0	0
'ATBARA	00	7	16	1	0	0	—	6		33					26	0	0	0
KHARTÛM	00	8	26	4	0	0	—	8		30					49	0	0	0
KASSALA	00	8	[illegible]	3	1	3	4	8		29					59	0	1	0
Central Sûdân																		
WAD MEDANI	00	9	24	4	0	0	—	8		27					66	0	1	1
RENK	01	9	04	3	1	4	4	9		27		—		—	66	—	—	3
ROSEIRES	02	8	16	1	1	7	8	10		24					74	0	0	2
EL OBEID	02	8	26	3	5	8	4,0,2	9		24					74	1	1	1
EL FÂSHER	01	8	28	2	9	5	8,4	—	—	23					78	3	4	0
GENEINA	05	6	02	2	0	4	4,1	—	—	21		—		—	83	0	0	0
KADUGLI	02	8	28	2	1	6	4	11		23		—		—	94	—	—	10
S. Sûdân																		
MALAKÂL	02	8	00	0	1	6	4	10		24					89	6	6	8
WÂU	02	8	26	3	6	8	4,5	12		23					84	6	6	10
JUBA	01	8	16	1	0	4	0,4,1	12		25					79	0	tr	8

UPPER WINDS ON 4th الرياح العليا يوم ٤

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI HALFA 7 h. 15 m.	ABU HAMAD 7 h. m.	KAREIMA 7 h. 15 m.	KHARTÛM h. m.
								09 02 55	09 06 45	09 07 40	
								15 04 50	15 11 30	15 09 30	
									21 12 35	27 14 15	
										33 13 20	

KASSALA 7 h. m.	PORT SÛDÂN h. m.	EL OBEID 7 h. m.	EL FÂSHER h. m.	GENEINA 7 h. m.	MALAKAL 7 h. m.
09 15 10		09 30 55		09 06 45	09 31 30
15 18 20		15 32 35		15 10 40	15 31 30
21 21 25		21 05 10		21 13 40	21 31 25
27 24 30		24 12 15		27 12 45	27 30 15
33 22 25		33 13 05			33 30 15
					39 30 10

CYPRUS SYNOPTIC 8h. ON 4th

34830 04963 26213 1322 1 40400 00170

34710 0195! 30201 1324 1 30402 00170

UPPER AIR TEMP. ALMÂZA AT 6h G.M.T. ON 4th

Height Feet	P.P.P m.b.	TT °F	tt °F
Surface	1006	70	66
500	989	70	65
1000	970	69	64
1500	952	67	63
2000	935	66	58
4000	868	59	51
6000	806	55	42
8000	747	49	35
10000	692	46	32
12000	640	38	26
14000	591	30	24
16000	545	21	17

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

ANNUAL SUBSCRIPTION P.T. 150

DAILY WEATHER REPORT

Month October 1946 — شهر أكتوبر ١٩٤٦

Station	At 14h. on Friday 4th (الساعة ١٤ يوم ٤/١٠) Present Weather ww	Visibility v	Wind Dir. dd	Wind Force f	Past Weather w	Cloud Amount n	Cloud Form c	Bar Press M.S.L. 1000+ mbs. ppp	Temp. °C ttt	Humidity % uu	Rain 8-14 mms	At 20h. on 4th (الساعة ٢٠ يوم ٤/١٠) Present Weather ww	Visibility v	Wind Dir. dd	Wind Force f	Past Weather w	Cloud Amount n	Cloud Form c	Bar Press M.S.L. 1000+ mbs. ppp	Temp. °C ttt	Humidity % uu	Rain 14-20 mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	30	3	1	3	8	16.6	26.4	53	0	01	8	30	3	0	4	8	17.5	25.0	71	0	131
MARIUT	01	8	29	3	0	4	0	14	28	58	0	00	7	30	2	5	/	/	14	24	54	dr	150
ALEXANDRIA	01	9	02	3	2	3	8	15.1	28.0	44	0	01	6	32	3	2	3	4	17.8	24.4	49	0	132
DAMIETTA	01	8	28	3	1	4	8	13.6	26.4	58	0	00	7	28	1	1	2	8	15.5	24.0	65	0	159
PORT SA'ÎD	01	8	28	2	1	3	8	14.2	29.3	54	0	01	8	28	2	1	4	8	16.0	24.6	65	0	134
EL 'ARÎSH												00	9	28	2	0	0	—	—	29.2	57	0	135
LOWER EGYPT																							
DAMANHÛR	01	7	28	3	1	3	8	14.4	29.3	53	0	01	7	28	3	1	3	8	—	22.6	78	0	136
MANSÛRA	01	8	32	2	1	4	8	14.0	28.0	51	0	00	6	04	2	1	0	—	16.4	23.0	73	0	137
ṬANṬA	00	8	32	2	1	0	—	14.6	30.0	47	0	00	8	28	1	0	0	—	17.2	21.5	78	0	138
ZAGAZIG	01	6	32	2	0	3	8	13.6	31.8	53	0	00	6	32	2	0	0	—	16.0	23.2	73	0	139
SHEBÎN EL KÔM	01	8	28	4	2	4	8	13.8	31.2	44	0	00	7	30	2	0	0	—	14.6	22.6	69	0	—
MIDDLE EGYPT																							
CAIRO (ALMÂZA)	02	8	28	2	1	5	8,1	13.7	28.7	36	0	01	7	02	2	1	4	4	16.0	24.5	57	0	141
CAIRO (EZBEKÎYA)	01	8	26	1	1	5	8	13.8	29.8	41	0	00	6	02	3	1	3	1	16.3	23.9	61	0	—
CAIRO (GÎZA)	01	8	28	2	1	4	8	14.4	29.6	38	0	01	7	30	1	1	4	8	16.0	25.0	61	0	—
ḤELWÂN	02	8	28	2	1	5	1	13.5	27.9	33	0	01	7	32	4	1	4	1	16.0	24.6	56	0	143
SUEZ	02	9	30	2	2	5	2	13.5	30.4	32	0	02	9	32	2	2	5	8	15.6	26.0	58	0	144
UPPER EGYPT																							
FAIYÛM	02	8	30	2	2	6	6	13.8	29.0	31	0	02	8	30	3	2	6	6	15.4	25.1	47	0	153
MINYA	02	7	32	3	2	7	5	13.2	29.3	42	0	02	7	30	1	2	7	2	14.7	25.3	52	0	154
ASYÛṬ	02	8	28	1	2	5	5	13.5	28.0	39	0	02	6	28	1	2	5	5	14.4	26.0	48	0	155
NAG' ḤAMÂDI	01	8	24	2	2	4	5	7.9	31.4	39	0	01	8	24	1	2	5	4	12.0	25.2	66	0	164
QENA	01	9	24	1	1	3	3	8.4	36.0	24	0	01	6	24	1	1	3	3	11.8	29.2	31	0	156
LUXOR	00	7	26	2	0	0	—	9.8	35.5	35	0	00	6	28	3	0	0	—	12.4	28.8	29	0	157
ASWÂN	02	9	02	3	1	5	4	8.2	36.0	23	0	00	9	32	4	0	0	—	10.6	33.0	28	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	—	17.4	29.3	44	0	00	—	00	0	0	0	—	17.0	24.2	61	0	148
BAHARÎYA												00	—	32	1	0	0	—	15.6	23.0	66	0	149
KHÂRGA	02	9	32	4	2	5	2	13.1	32.7	27	0	02	—	32	4	2	6	5	14.6	24.8	52	0	151
DAKHLA	00	9	20	2	0	0	—	—	34.0	31	0	00	7	20	2	0	0	—	15.2	25.0	54	0	152
RED SEA																							
ṬÔR	00	7	28	3	0	0	—	10.8	29.9	63	0	00	7	28	4	0	0	—	10.3	29.8	48	0	145
HURGHÂDA	00	8	23	4	0	0	—	—	30.6	49	0	02	—	28	4	1	5	4	—	27.8	61	0	146
QUSEIR	00	8	32	4	0	0	—	9.6	32.2	60	0	00	8	32	2	0	0	—	10.3	28.2	72	0	147
PORT SÛDÂN	00	8	04	3	0	0	—	7	33	63													268
NORTH SÛDÂN																							
WÂDI ḤALFA	01	8	02	4	1	3	—	7	37	19													165
KAREIMA	00	8	04	2	0	3	—	4	40	15													166
'ATBARA	18	6	06	4	0	1	8	2	41	09													167
KHARTÛM	00	7	30	2	0	1	8	2	39	16													289
KASSALA	01	8	12	2	1	4	8	3	37	27													170
CENTRAL SÛDÂN																							
WAD MEDANI	00	8	24	3	0	0	—	3	37	27													171
RENK	02	8	12	5	2	5	8	5	39	62													182
ROSEIRES	02	7	17	1	6	6	9,5	—	26	79													172
EL OBEID	02	7	26	4	1	6	2	4	33	41													174
EL FÂSHER	02	9	04	3	1	7	4,2	—	30	43													175
GENEINA	01	7	04	2	1	4	8	—	30	49													179
KADUGLI	02	8	28	3	1	6	9	6	32	43													187
S. SÛDÂN																							
MALAKÂL	01	8	28	1	1	5	8,4	6	36	41													176
WÂU	01	8	32	3	1	5	8	6	30	55													177
JUBA	28	8	20	1	9	8	6,4	9	22	94													178

UPPER WINDS ON 4th (الرياح العليا يوم ٤)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT 12h.30m.	PORT SA'ÎD 12h.30m.	ALMÂZA h. m.	MINYA 18h.45m.	LUXOR 18h.45m.	HURGHÂDA h. m.	WÂDI HALFA 18h.45m.	KAREIMA h. m.	KHARTÛM 18h.45m.	KASSALA 18h. m.	EL OBEID 18h. m.	MALAKAL 18h.15m.	JUBA h. m.
03 32 25	03 33 15	03 33 05		03 36 20	03 32 05		09 01 55		09 36 10	09 30 15	09 31 30	09 29 05	
06 32 30	06 26 20	06 26 20		06 35 25	06 33 15		15 02 00		15 36 15	15 17 05	15 30 35	15 30 15	
09 32 30	09 32 10			09 34 40	09 34 25		21 01 15		21 01 15	21 16 15	21 29 40	21 36 20	
	15 30 15			15 34 25	12 33 20		27 07 20		24 01 20	27 12 05	27 30 20	27 03 05	
	21 36 30			21 30 35	15 29 25								
				27 28 35									
				30 25 05									
				33 24 40									
				39 33 40									

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	5-10	8186	6582
	4-10	8444	6589

STATION	Mean of day: Humidity % on 4th	Humidity Diff from normal	Wet Bulb Temp °C on 4th	Wet Bulb Temp Diff from normal	Previous day: Humidity %	Humidity Diff from normal
Alexandria	50	-17	19.4	-1.3		
Ezbekîya	62	-3	19.8	-0.2		
Gîza	64	-4	19.8	-0.2		
Helwân	55	+1	18.6	0.0		

GÎZA — GRASS MINIMUM TEMP. ON 5th 12.9 °C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON 5th 26.0 °C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba				13.33	-0.41
Nasser					
Malakâl	10	12.82	+0.59	12.82	+0.59
J. Aulia Res.					
J. Aulia D.S					
Roseires		17.41	+0.35	17.30	+0.13
Sennar Res.				17.20	—
Khartûm		14.57	-0.22	14.54	-0.32
Kh. el Girba					
'Atbara		13.86	-0.03	13.85	-0.10
Kajnarti					
Aswân Res.	6	113.00	—	113.43	—
Aswân D.S		92.35	+1.00	92.50	+1.11
Roda (Cairo)		19.46	+1.00	19.48	+1.03

Printed by the Survey of Egypt, 1945 (45/306)

1946 — شهر أكتوبر

Station	At 8h. on Saturday 5th (الساعة ٨ يوم السبت ٥) Present Weather ww	Visibility v	Wind Dir. dd	Wind Force f	Past Weather w	Cloud Amount n	Cloud Form c	Bar Pressure M.S.L. 1000+ mbs. ppp	Diff. from normal mbs.	Temperature Dry Bulb °C ttt	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	Humidity % uu	Rainfall Past 24 hrs. mms	Total From Oct. 1 mms.	Norm From Oct. 1 mms.
MEDITERRANEAN																		
SALÛM											—		—					1
MATRÛH	01	9	22	2	1	4	8	18.8	+3.0	24.8	28	+1	20	0	71	0	tr	2
MARIUT	00	8	30	1	0	2	8	17	—	26	29	—	21	—	51	dr	dr	1
ALEXANDRIA	01	9	04	2	2	4	8	17.9	+2.2	25.6	30	+1	24	+1	52	0	dr	0
DAMIETTA	00	8	20	1	1	2	8	17.1	+2.3	24.7	27	—	17	—	63	0	0	0
PORT SA'ÎD	00	8	26	2	0	0	—	17.1	+3.1	25.9	30	+1	22	0	51	0	4	0
EL 'ARÎSH	00	9	18	1	0	2	3	16.7	+2.0	28.1	29	0	17	-1	55	0	0	0
LOWER EGYPT																		
DAMANHÛR	01	6	28	2	1	3	8	17.0	+1.4	23.0	30	-1	19	+1	78	0	0	0
MANSÛRA	00	8	02	2	0	0	—	17.5	+2.3	23.8	31	-1	17	-1	65	0	0	0
ṬANṬA	00	8	24	1	0	0	—	17.8	+2.2	23.0	30	-2	16	-1	74	0	0	0
ZAGAZIG	00	6	24	1	0	0	—	17.5	+1.8	24.2	32	+1	17	0	67	0	0	0
SHEBÎN EL KÔM	00	8	28	2	0	0	—	17.4	+2.4	21.8	32	—	18	—	77	0	0	—
MIDDLE EGYPT																		
CAIRO (ALMAZA)	00	7	00	0	1	3	1	17.3	+2.2	23.1	30	—	18	—	62	0	dr	—
CAIRO (EZBEKÎYA)	05	6	30	1	0	3	2	17.5	+2.4	22.3	31	0	19	+1	69	0	dr	0
CAIRO (GÎZA)	01	6	02	1	1	3	—	17.6	+2.4	21.2	31	0	15	-1	72	0	dr	0
ḤELWÂN	01	6	00	0	0	3	1	17.8	+2.7	21.5	29	-2	18	-1	70	0	0	0
SUEZ	01	9	32	1	1	4	1	18.0	+3.9	23.4	31	-1	20	0	62	0	dr	0
UPPER EGYPT																		
FAIYÛM	01	8	02	2	1	4	6	17.9	+2.7	21.8	30	-2	17	-1	62	0	0	0
MINYA	02	8	30	2	2	5	4	16.8	+2.1	25.0	29	-2	19	+1	56	0	dr	—
ASYÛṬ	01	7	28	1	1	5	4	16.6	+2.7	22.9	31	0	22	+2	65	0	0	0
NAG' ḤAMÂDI	01	8	25	1	1	4	4	14.6	+2.0	26.8	33	—	21	—	50	0	0	—
QENA	01	8	24	1	1	4	3	14.2	+1.5	25.3	36	0	21	+1	55	0	0	—
LUXOR	00	7	28	2	0	0	—	14.3	+1.9	28.0	37	+1	21	+1	44	0	0	—
ASWÂN	00	9	26	3	0	0	—	13.8	+2.1	26.4	39	+1	24	+2	39	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	19.8	+3.0	21.0	31	-2	—	—	68	0	0	0
BAHARÎYA	00	9	00	0	0	0	—	—	—	24.0	34	+2	19	+2	66	0	0	0
KHÂRGA	03	9	02	4	2	8	0	15.2	+1.8	24.1	33	-3	22	+2	55	0	0	—
DAKHLA	00	8	24	1	0	0	—	17.1	+2.8	25.5	35	0	22	+3	52	0	0	—
RED SEA																		
ṬÔR	00	7	28	5	0	0	—	—	—	26.5	33	+3	—	0	58	0	0	0
HURGHÂDA	01	7	30	5	1	4	4	—	—	26.7	32	0	21	0	56	0	0	0
QUSEIR	00	8	32	4	0	0	—	11.5	-0.4	28.8	33	+2	26	+2	53	0	0	0
PORT SÛDÂN	00	8	02	3	0	1	4	10		31					74	0	0	1
NORTH SÛDÂN																		
WÂDI ḤALFA	00	8	32	2	0	0	—	13		26					32	0	0	—
KAREIMA	00	8	06	3	0	2	4	9		32					31	0	0	0
'ATBARA																	0	0
KHARTÛM	00	7	14	3	1	0	—	8		28					58	0	0	0
KASSALA	02	8	18	2	1	5	4	10		28					58	0	1	1
CENTRAL SÛDÂN																		
WAD MEDANI	02	8	18	4	1	7	3	10		26					70	0	0	1
RENK	00	9	14	3	1	0	—	9		26		—		—	70	—		4
ROSEIRES																2	2	3
EL OBEID	05	6	20	3	0	4	1	10		25					79	0	1	1
EL FÂSHER	00	7	00	0	0	0	—	—	—	23					57	0	4	0
GENEINA	01	8	04	2	1	4	2	—	—	22		—		—	69		—	1
KADUGLI	02	8	20	2	1	6	4	11		23		—		—	89	—	—	15
S. SÛDÂN																		
MALAKÂL	02	8	18	1	1	8	0,4	12		23					94	11	17	12
WÂU																0	6	15
JUBA																6	6	12

UPPER WINDS ON 5th (الرياح العليا يوم ٥)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT 7h. m.	PORT SA'ÎD h. m.	HELWÂN 9h00m.	MINYA h. m.	ASYÛṬ 7h. m.	LUXOR h. m.	ASWÂN 7h. m.	WÂDI HALFA 7h.15m.	ABU HAMAD 7h.15m.	KAREIMA 7h. m.	KHARTÛM 6h. m.
	02 25 20		02 01 45		02 35 20		02 36 20	09 04 40	09 05 30	09 11 30	09 17 15
	06 34 20		05 02 05		05 36 00		05 01 25	15 08 30	15 10 00	15 11 25	15 10 30
	09 33 20		08 02 20		10 35 50		10 03 20	21 11 20	21 08 25	21 11 20	21 09 30
	12 34 25		10 01 20				15 04 15	27 15 15		27 12 20	24 02 30
	15 34 25		15 04 05				20 09 10			33 12 20	
	18 34 20		20 31 15				25 26 20			39 11 20	
	21 34 15		23 28 05								
	24 35 30		25 23 10								
	30 27 20										

KASSALA 6h.45m.	PORT SÛDÂN 7h.30m.	EL OBEID h. m.	EL FÂSHER h. m.	GENEINA 7h. m.	MALAKAL h. m.
09 30 25	09 36 20			09 04 30	
15 17 30	15 09 35			15 08 30	
21 10 10	21 06 20			21 11 30	
27 08 15	27 09 30			27 13 15	
33 09 15	33 11 20			33 14 15	
39 08 15				39 15 15	

CYPRUS SYNOPTIC 8h. ON 5th

34700 00990 26200 16341 20409 00170

34810 00961 20301 16201 30106 00141

UPPER AIR TEMP. ALMÂZA AT 6h G.M.T ON 5th

HEIGHT FEET	P.P.P m.b.	T.T °F	t.t °F
Surface	1008	68	63
500	990	70	62
1000	972	69	60
1500	954	66	59
2000	937	64	58
4000	871	60	46
6000	808	56	38
8000	749	51	36
10000	693	46	31
12000	641	40	26
14000	592	34	26
16000	546	26	22

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

ANNUAL SUBSCRIPTION P.T. 150

At 14h. on Saturday 5th — الساعة ١٤ يوم ١٠/٥

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms
MEDITERRANEAN											
SALÛM											
MATRÛH	01	9	32	2	1	4	8	18.8	26.2	64	0
MARIUT											
ALEXANDRIA	02	9	02	3	2	5	8	17.4	27.0	46	
DAMIETTA	01	8	30	3	1	4	8	16.2	26.0	55	0
PORT SA'ÎD	00	8	32	2	0	2	2	16.3	28.5	47	0
EL 'ARÎSH	00	9	32	4	0	0	—	15.6	28.1	39	0
LOWER EGYPT											
DAMANHÛR	01	7	28	4	1	3	8	16.8	28.3	56	0
MANSÛRA	01	8	30	2	1	4	8	16.4	28.8	73	0
TANTA	01	8	32	2	1	4	8	16.4	29.0	71	0
ZAGAZIG	00	6	24	2	0	0	—	15.8	29.2	42	0
SHEBÎN EL KÔM	01	8	30	4	1	4	8	15.5	29.2	45	0
MIDDLE EGYPT											
CAIRO ALMÂZA											
CAIRO EZBEKÎYA	00	8	32	2	0	1	1	15.8	29.6	38	0
CAIRO GÎZA	00	7	30	2	0	0	—	16.3	28.5	40	0
HELWÂN	00	8	28	3	0	0	—	15.4	28.6	31	0
SUEZ	00	9	30	1	0	3	1	15.8	29.0	33	0
UPPER EGYPT											
FAIYÛM	01	8	02	2	1	3	6	15.4	29.0	31	0
MINYA	00	9	32	4	1	0	—	14.8	28.2	43	0
ASYÛT	01	8	28	2	1	4	5	14.0	29.1	34	0
NAG' HAMÂDI	01	8	24	1	1	4	4	12.3	31.0	28	0
QENA	02	8	24	2	1	5	4	11.4	31.8	39	0
LUXOR											
ASWÂN	00	9	32	2	0	0	—	9.8	35.8	21	0
WESTERN DESERT											
SÎWA	00	8	00	0	0	0	—	18.3	30.0	53	0
BAHARÎYA	00	9	00	0	0	0	—	14.3	34.5	44	0
KHÂRGA	01	9	02	4	1	3	1	14.0	31.6	22	0
DAKHLA	00	9	24	2	0	0	—	14.0	33.0	34	0
RED SEA											
TÔR	00	7	28	4	0	0	—	11.0	28.4	60	0
HURGHÂDA	02	7	32	4	2	6	4	—	28.6	53	0
QUSEIR	00	8	32	3	0	0	—	11.0	30.4	52	0
PORT SÛDÂN	00	8	06	4	0	0	—	8	33	59	
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA	00	8	20	3	0	3	8	4	38	21	
KHARTÛM	00	7	12	3	0	1	4	3	39	20	
KASSALA	01	8	04	2	1	4	8	3	38	29	
CENTRAL SÛDÂN											
WAD MEDANI	00	8	18	3	1	0	—	4	37	33	
RENK											
ROSEIRES											
EL OBEID	05	5	20	1	0	0	—	5	33	47	
EL FÂSHER											
GENEINA											
KADUGLI	02	8	20	3	1	6	9	7	33	47	
S. SÛDÂN											
MALAKÂL	01	8	18	1	1	4	8	7	31	62	
WÂU	01	8	00	0	1	4	8,4	6	33	47	
JUBA	01	8	04	1	1	4	8,4	7	33	47	

At 20h. on 5th — الساعة ٢٠ يوم السبت ٥

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
SALÛM												130
MATRÛH	00	8	00	0	1	0	—	18.6	23.8	69	0	131
MARIUT	00	7	32	1	0	3	0	17	23	65	0	150
ALEXANDRIA	01	6	00	0	2	3	4	18.4	23.6	59	0	132
DAMIETTA	01	7	04	1	1	3	8	18.0	24.2	65	0	159
PORT SA'ÎD	00	8	32	2	0	1	1	17.2	23.8	55	0	134
EL 'ARÎSH	00	9	28	4	0	0	—	15.5	28.4	57	0	135
DAMANHÛR	01	7	28	2	1	3	8	17.4	24.0	80	0	136
MANSÛRA	01	6	22	1	1	3	8	17.4	22.8	66	0	137
TANTA	00	8	28	1	1	0	—	17.9	21.7	83	0	138
ZAGAZIG	00	6	32	2	0	0	—	16.6	23.4	73	0	139
SHEBÎN EL KÔM	00	7	30	2	0	0	—	16.3	21.3	70	0	—
CAIRO ALMÂZA	00	7	02	1	0	0	—	17	24	57	0	141
CAIRO EZBEKÎYA	00	7	32	3	0	0	—					—
CAIRO GÎZA												—
HELWÂN	00	9	32	3	0	0	—	16.4	24.9	46	0	143
SUEZ	00	9	02	2	0	0	—	16.4	24.8	54	0	144
FAIYÛM	01	8	32	1	1	3	6	16.8	23.6	53	0	153
MINYA	00	8	02	2	1	0	—	16.0	22.9	53	0	154
ASYÛT	00	6	26	1	1	0	—	15.1	25.3	52	0	155
NAG' HAMÂDI	01	8	00	0	1	3	4	13.6	25.0	61	0	164
QENA	02	6	22	2	2	5	4	12.6	27.0	46	0	156
LUXOR	00	6	28	2	0	0	—	12.7	29.8	26	0	157
ASWÂN	00	9	32	3	0	0	—	10.8	33.4	23	0	158
SÎWA	00	—	00	0	0	0	—	18.2	23.6	62	0	148
BAHARÎYA	00	—	00	0	0	0	—	16.8	24.5	64	0	149
KHÂRGA	00	—	20	3	0	0	—	14.7	28.9	—	0	151
DAKHLA	00	7	24	1	0	0	—	17.0	25.0	57	0	152
TÔR	00	7	28	3	0	0	—	11.9	28.2	61	0	145
HURGHÂDA	02	7	28	3	2	6	4	—	25.2	61	0	146
QUSEIR	00	8	32	3	0	0	—	11.9	27.2	65	0	147
PORT SÛDÂN												208
WÂDI HALFA												165
KAREIMA												166
'ATBARA												167
KHARTÛM												209
KASSALA												170
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FÂSHER												175
GENEINA												179
KADUGLI												187
MALAKÂL												176
WÂU												177
JUBA												178

UPPER WINDS ON 5th — الرياح العليا يوم ٥

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA 13h. m.	EL OBEID 13h. m.	MALAKAL 13h. m.	JUBA 13h. 15m.
										09 05 05	09 27 15	09 19 15	09 07 10
										15 18 05	15 32 15	15 19 15	15 09 10
										21 18 05	21 05 15	21 18 10	21 08 10
											27 07 25	27 19 05	27 11 10
												33 30 15	33 19 10
												39 04 20	39 12 10

Remarks

Hours are Egyptian standard time, long. 30° E and are two hours fast on Greenwich mean time

STATION	Mean of day: Humidity % on 5th	Diff from normal	Wet bulb temp °C on 5th	Diff from normal
Alexandria	53	-14	19.1	-1.5
Ezbekiya	—	—	—	—
Giza	—	—	—	—
Helwân	52	-2	18.0	-0.5

GÎZA — GRASS MINIMUM TEMP. ON 6th — °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 6th 25.4 °C

Discharges at Aswân measured by sluices m³ per sec. DATE	1946	1945
6-10	7801	6582
5-10	7186	6582

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				13.35	-0.39
Nâsser	10			11.08	+0.62
Malakâl		12.82	+0.58	12.82	+0.59
J. Aulia Res.				377.39	—
J. Aulia D.S				374.30	-0.43
Roseires		17.39	+0.42	17.41	+0.35
Sennar Res.				19.30	—
Khartûm				16.57	-0.22
Kh. el Girba					
'Atbara				13.76	-0.13
Kajnarti					
Aswân Res.	6	112.66	—	113.00	—
Aswân D.S		92.15	+0.87	92.35	+1.00
Roda (Cairo)		19.39	+0.99	19.46	+1.04

Printed by the Survey of Egypt, 1945.(45/306)

At 8h. on Sunday 6th — الساعة ٨ يوم الأحد ٦

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct 1 mms
MEDITERRANEAN																		
SALÛM												—		—				1
MATRÛH	00	9	20	1	0	0	—	17.6	+1.7	22.0	27	0	17	-2	70	0	tr	2
MARIUT	01	7	00	0	0	4	6	18	—	24	28	—	18	—	61	0	dr	1
ALEXANDRIA	01	9	00	0	2	4	8	18.0	+2.2	26.0	29	0	22	+1	48	0	dr	1
DAMIETTA	01	8	28	2	1	4	6	17.1	+2.3	25.2	—	—	—	—	58	0	0	1
PORT SA'ÎD	01	8	02	2	1	2	4	17.2	+3.1	26.3	30	+1	22	0	51	0	4	0
EL 'ARÎSH	00	9	16	1	0	3	3	16.3	+1.6	27.3	30	+1	18	0	57	0	0	0
LOWER EGYPT																		
DAMANHÛR	01	6	28	2	1	3	8	17.5	+1.8	23.8	29	-2	19	+1	76	0	0	0
MANSÛRA	01	8	20	1	1	4	8	17.1	+1.8	26.0	31	-1	18	0	55	0	0	0
TANTA	00	8	04	1	0	0	—	17.6	+1.9	22.6	30	-1	16	-1	77	0	0	0
ZAGAZIG	00	6	32	2	0	0	—	17.4	+1.6	23.2	30	-1	17	0	72	0	0	0
SHEBÎN EL KÔM	01	8	02	2	0	3	8	—	—	21.3	31	—	17	—	83	0	0	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	00	0	0	0	—	16.2	+1.0	22.0	30	—	18	—	64	0	dr	—
CAIRO EZBEKÎYA	05	6	02	1	0	0	—									0	dr	0
CAIRO GÎZA	00	7	30	1	0	0	—	17.6	+2.3	23.5	29	-1	—	—	63	0	dr	0
HELWÂN	00	7	32	1	0	0	—	17.2	+2.0	22.4	29	-2	19	0	55	0	0	0
SUEZ	00	9	32	1	0	0	—	17.2	+3.0	23.6	31	-1	20	0	59	0	dr	0
UPPER EGYPT																		
FAIYÛM	00	8	30	2	0	0	—	17.4	+2.1	21.5	30	-2	18	0	70	0	0	0
MINYA	00	8	32	3	0	0	—	16.6	+1.8	22.7	29	-2	18	0	68	0	dr	—
ASYÛT	00	7	22	2	0	0	—	16.3	+2.3	22.3	30	-1	20	+1	64	0	0	0
NAG' HAMÂDI	00	8	00	0	0	0	—	15.0	+2.3	25.9	32	—	20	—	59	0	0	—
QENA	00	8	22	2	0	0	—	13.9	+1.1	24.4	33	-3	21	+1	57	0	0	—
LUXOR	00	7	28	2	0	0	—	14.0	+1.5	28.4	36	-2	21	+1	37	0	0	—
ASWÂN	00	9	02	4	0	0	—	13.0	+1.2	27.4	38	0	24	+2	34	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	19.2	+2.3	22.3	31	-2	13	-3	72	0	0	0
BAHARÎYA	00	9	32	1	0	0	—	16.6	+0.7	25.0	35	+3	18	+1	61	0	0	0
KHÂRGA	00	9	20	4	0	0	—	15.2	+1.7	23.5	32	-3	22	+2	27	0	0	—
DÂKHLA	00	8	08	1	0	0	—	17.0	+2.6	25.5	34	-1	21	+2	58	0	0	—
RED SEA																		
TÔR	00	7	28	3	0	0	—	—	—	24.8	28	-2	—	—	55	0	0	0
HURGHÂDA	00	8	30	4	0	0	—			25.7	30	-2	21	0	56	0	0	0
QUSEIR	00	8	30	2	0	0	—	12.2	+0.2	27.2	32	+1	25	+1	48	0	0	0
PORT SÛDÂN	01	8	30	3	1	3	0	12		30					70	0	0	1
NORTH SÛDÂN																		
WÂDI HALFA	00	8	30	3	0	0	—	12		27					27	0	0	—
KAREIMA	00	8	08	3	0	1	—	9		30					38	0	0	0
'ATBARA	00	8	10	3	1	3	4	9		32					22	0	0	0
KHARTÛM	01	7	20	2	1	3	2	8		31					43	0	0	0
KASSALA	00	8	14	2	1	0	—	9		29					59	0	1	1
CENTRAL SÛDÂN																		
WAD MEDANI	02	9	16	3	1	7	3	9		26					79	0	0	2
RENK	00	9	16	3	1	0	—	8		29		—		—	59	—	—	6
ROSEIRES	00	8	28	1	0	0	—	—		27					74	0	2	4
EL OBEID	05	6	00	0	0	4	4	—		26					74	0	1	2
EL FÂSHER	00	7	00	0	0	3	4	—	—	23					53	0	4	1
GENEINA	00	8	06	2	1	0	—	—	—	21		—		—	74		0	1
KADUGLI	00	8	28	2	0	0	—	10		24		—		—	74	—	—	20
S. SÛDÂN																		
MALAKÂL	02	8	00	0	1	5	4,5	9		26					84	0	17	16
WÂU																0	6	20
JUBA	01	8	12	1	1	4	4,5	12		24					84	0	6	16

UPPER WINDS ON 6th — الرياح العليا يوم ٦

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 9h. m.	MINYA 6h. 30m.	ASYÛT 7h. m.	LUXOR h. m.	ASWÂN 7h. m.	WÂDI HALFA 7h. m.	ABU HAMAD 7h. m.	KAREIMA 7h. 15m.	KHARTÛM 6h. 30m.
			02 02 15	03 36 25	02 34 20		02 36 30	09 05 30	09 06 30	09 10 40	09 19 05
			05 04 15	06 01 40	05 36 30		05 02 25	15 36 35	15 08 40	15 09 50	15 15 15
			08 06 25	09 36 05	10 35 35		10 02 40	21 03 40		21 07 35	21 07 15
			10 07 15	15 32 20			15 07 15			27 06 35	24 07 20
			15 04 15	18 37 10			20 06 05			33 03 30	27 07 15
			23 32 10	21 37 10			25 10 20				30 02 30
			30 24 25	27 35 20			30 09 25				
			35 24 35	30 35 30			40 07 25				
			40 23 55	35 24 40			50 07 15				

KASSALA 6h. 30m.	PORT SÛDÂN 7h. 15m.	EL OBEID 7h. m.	EL FÂSHER h. m.	GENEINA 7h. m.	MALAKAL 7h. 30m.
09 18 20	09 01 30	09 25 30		09 05 35	09 28 05
15 13 10	15 01 25	15 32 05		15 07 45	15 00 00
21 10 30	21 08 70	21 07 15			21 04 10
27 08 25	27 11 45	27 07 10			27 05 10
33 09 25		33 36 10			33 06 15
39 10 30					39 07 10

CYPRUS SYNOPTIC 8h. ON 6th

34700 00990 06200 17241 50305 00140

34800 00990 00000 17221 70202 00161

UPPER AIR TEMP. ALMÂZA AT 6h G.M.T ON 6th

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	1007	87	62
500	990	70	61
1000	972	68	64
1500	954	66	57
2000	937	64	56
4000	871	58	48
6000	808	60	40
8000	749	55	36
10000	693	50	32
12000	641	41	27
14000	592	35	26
16000	546	29	24

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

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

ANNUAL SUBSCRIPTION P.T. 150

DAILY WEATHER REPORT

Month OCTOBER 1946 — شهر أكتوبر ١٩٤٦

At 14h. on SUNDAY 6th / At 20h. on 6th

STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20 mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	04	2	0	2	8	17.1	29.0	63	0	00	9	04	2	0	0	—	17.4	25.4	58	0	131
MARIUT	01	9	30	3	0	3	8,4	17	26	55	0	00	7	01	2	0	0	—	18	23	65	0	150
ALEXANDRIA	01	9	04	2	2	4	4	17.2	26.6	49	0	00	6	04	3	0	0	—	17.9	22.4	54	0	132
DAMIETTA	00	8	28	3	1	3	6	15.9	26.0	48	0	00	7	28	1	1	0	—	17.0	23.0	65	0	159
PORT SA'ÎD	00	8	02	3	0	3	4	16.0	28.0	50	0	00	8	32	3	0	3	8	17.1	23.7	60	0	134
EL 'ARÎSH	00	9	30	4	0	0	—	14.7	27.1	58	0	00	9	30	2	0	0	—	16.0	25.1	67	0	135
LOWER EGYPT																							
DAMANHÛR	01	7	32	4	1	4	8	16.3	28.0	32	0	00	7	32	3	1	3	8	17.1	23.0	72	0	136
MANSÛRA	01	8	04	2	1	4	8	15.9	28.8	43	0	01	6	02	1	1	3	8	17.4	22.3	69	0	137
TANTA	01	8	28	2	1	4	8	16.2	28.5	45	0	01	8	32	1	1	4	8	17.9	20.5	85	0	138
ZAGAZIG	00	6	02	3	0	2	8	16.0	29.1	48	0	00	6	28	2	1	4	8	17.0	22.1	68	0	139
SHEBÎN EL KÔM	01	8	30	3	1	3	8	16.0	30.2	43	0	00	7	02	2	0	0	—	16.4	21.6	71	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	01	8	02	2	0	4	1	14.8	29.0	67	0	01	7	02	3	1	4	4	16.3	24.4	57	0	141
CAIRO EZBEKÎYA	01	6	02	2	0	4	1	—	—	—	0	00	8	02	3	1	3	8	—	—	—	0	—
CAIRO GÎZA	01	8	32	2	0	4	1	14.6	28.8	37	0	02	7	02	3	1	5	1	16.7	24.3	57	0	—
HELWÂN	00	8	32	4	0	3	4	14.8	26.8	29	0	00	7	22	4	0	3	4	16.4	24.7	52	0	143
SUEZ	01	9	02	1	1	3	1	14.8	30.0	36	0	00	9	02	2	0	0	—	17.0	24.6	55	0	144
UPPER EGYPT																							
FAIYÛM	01	8	30	2	1	4	8	15.0	28.5	32	0	01	8	32	1	1	4	8	16.0	25.4	50	0	153
MINYA	01	8	32	4	1	3	2	14.2	29.3	34	0	00	8	32	2	0	0	—	15.6	24.4	56	0	154
ASYÛT	00	8	32	1	0	0	—	13.8	28.1	65	0	00	6	32	1	0	0	—	15.0	25.2	77	0	155
NAG' HAMÂDI	00	8	24	1	0	0	—	12.3	30.7	42	0	00	8	00	0	0	0	—	13.5	24.9	63	0	164
QENA	00	9	24	2	0	0	—	10.7	35.0	34	0	00	6	22	2	0	0	—	12.3	27.3	49	0	156
LUXOR	00	7	10	2	0	0	—	11.8	36.5	36	0	00	6	28	2	0	0	—	13.0	26.3	41	0	157
ASWÂN	00	9	32	1	0	0	—	9.0	37.8	18	0	00	9	32	4	0	0	—	10.8	34.5	13	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	—	18.3	31.3	30	0	00	—	00	0	0	0	—	17.4	23.4	53	0	148
BAHARÎYA	00	9	00	0	0	0	—	—	33.0	34	0												149
KHÂRGA	00	9	02	3	0	0	—	13.1	32.7	51	0	00	9	02	2	0	0	—	14.0	28.4	27	0	151
DAKHLA	00	9	08	1	0	0	—	15.2	33.0	34	0	00	7	08	1	0	0	—	16.7	25.0	54	0	152
RED SEA																							
TÔR	00	7	28	4	0	0	—	11.5	28.2	66	0	00	7	28	4	0	0	—	11.5	28.2	61	0	145
HURGHÂDA	00	8	02	3	0	0	—	—	29.4	54	0	00	8	28	3	0	0	—	—	25.8	55	0	146
QUSEIR	00	8	32	3	0	0	—	11.8	31.0	49	0	00	8	30	2	0	0	—	12.2	26.6	50	0	147
PORT SÛDÂN	01	8	04	3	1	4	2	8	29	66													[illegible]
NORTH SÛDÂN																							
WÂDI HALFA	00	8	02	3	0	0	—	8	37	17													165
KAREIMA	00	8	04	3	0	1	4	5	39	12													166
'ATBARA	00	7	12	4	0	3	8	—	40	15													167
KHARTÛM	02	7	04	3	1	5	9,4	3	38	18													[illegible]
KASSALA	00	8	08	1	0	2	8	2	38	21													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	08	3	1	4	8	3	36	27													171
RENK	01	9	20	3	1	4	8	3?	32	55													182
ROSEIRES	02	8	16	1	1	5	5	5	33	53													172
EL OBEID	05	6	08	2	1	7	8,4	3	35	25													174
EL FÂSHER	01	7	02	3	1	3	4	—	36	19													175
GENEINA	00	8	02	2	0	0	—	—	32	29													179
KADUGLI																							187
S. SÛDÂN																							
MALAKÂL	01	8	16	3	1	4	8,4	5	33	47													176
WÂU																							177
JUBA	02	8	04	3	1	6	0,4	6	28	70													178

UPPER WINDS ON 6th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA 14h. 30m.	MINYA 13h. m.	LUXOR 12h. 45m.	HURGHÂDA h. m.	WÂDI HALFA 13h. 15m.	KAREIMA 12h. 45m.	KHARTÛM 13h. 30m.	KASSALA 13h. 30m.	EL OBEID 13h. m.	MALAKAL 13h. m.	JUBA 12h. m.
			03 35 10	03 30 10	03 36 10		09 02 40	09 06 30	09 06 35	09 11 10	09 25 05	09 28 05	09 18 15
			06 35 20	06 35 25	06 35 15		15 05 30	15 06 30	15 06 35	15 09 15		15 06 10	15 17 10
			09 06 05	09 36 20	09 33 15		21 09 15	21 06 30	21 06 60	21 06 20		21 07 05	21 17 10
				12 35 20	15 35 30		27 06 35	27 06 25	27 06 55	27 04 20		27 05 15	27 16 10
				15 32 10	21 31 30		33 04 30	33 07 20	33 05 20	33 09 20		33 04 10	33 22 05
				21 32 30			39 04 25	39 09 15	39 06 35	39 05 20		39 05 05	39 13 05
				30 33 35									

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec. DATE	1946	1945
7-10	7482	6641
6-10	7801	6582

STATION	Mean of day: Humidity % on 6th	Diff from normal	Wet bulb temp °C on 6th	Diff from normal
Alexandria	49	-18	18.8	-1.8
Ezbekîya	—	—	—	—
Gîza	54	-14	19.1	-0.8
Helwân	48	-6	17.9	-0.6

GÎZA — GRASS MINIMUM TEMP. ON 7th 11.8°c

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 7th 24.8°c

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser					
Malakâl					
J. Aulia Res.				377.35	
J. Aulia D.S				374.34	-0.34
Roseires	8:	17.20	+0.35	17.39	+0.42
Sennar Res.				17.20	
Khartûm	7			14.56	-0.16
Kh. el Girba					
'Atbara				13.70	-0.13
Kajnarti					
Aswân Res.		112.34		112.66	
Aswân D.S		41.95	+0.70	92.15	+0.87
Roda (Cairo)		19.28	+0.89	19.39	+0.99

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on MONDAY 7th

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct 1 mms
MEDITERRANEAN																		
SALÛM												—		—				1
MATRÛH	00	9	18	3	0	0	—	17.5	+1.5	23.4	29	-2	18	-1	64	0	tr	3
MARIUT	00	7	00	0	0	0	—	18	—	25	27	—	—	—	70	0	dr	1
ALEXANDRIA	00	8	16	2	0	0	—	17.8	+1.9	25.6	28	-1	21	0	57	0	dr	1
DAMIETTA	00	8	28	1	1	0	—	—	—	24.2	28	—	19	—	65	0	0	1
PORT SA'ÎD	01	8	32	2	1	3	4	16.7	+2.5	26.3	30	+1	21	-1	55	0	4?	0
EL 'ARÎSH	01	9	16	1	1	4	3	16.0	+1.2	24.4	29	0	20	+2	79	0	0	0
LOWER EGYPT																		
DAMANHÛR	00	6	24	2	0	0	—	17.2	+1.8	22.2	29	-2	17	-1	84	0	0	0
MANSÛRA	00	8	02	1	1	0	—	17.8	+2.5	24.0	31	-1	18	0	60	0	0	0
TANTA	00	8	28	1	0	0	—	17.9	+2.1	22.6	30	-1	14	-3	69	0	0	0
ZAGAZIG	00	6	24	2	0	0	—	17.1	+1.2	24.2	30	-1	17	+1	68	0	0	0
SHEBÎN EL KÔM	00	8	02	2	0	0	—	17.1	+1.5	23.8	31	—	16	—	63	0	0	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	06	1	0	0	—	16.8	+1.5	21.8	30	—	18	—	68	0	dr	—
CAIRO EZBEKÎYA	05	6	00	0	0	0	—	17.4	+2.4	21.8	—	—	—	—	68	0	dr	0
CAIRO GÎZA	00	6	30	2	0	0	—	17.0	+2.0	21.6	30	0	14	-2	73	0	dr	0
HELWÂN	00	6	32	2	0	0	—	17.0	+1.7	22.2	29	-2	18	-1	58	0	0	0
SUEZ	00	9	32	1	0	0	—	17.2	+2.4	24.0	31	-1	19	-1	59	0	dr	0
UPPER EGYPT																		
FAIYÛM	00	8	30	3	0	0	—	17.1	+1.7	22.0	30	-2	16	-2	64	0	0	0
MINYA	00	9	30	2	0	0	—	16.3	+1.4	22.9	30	-1	18	0	66	0	dr	—
ASYÛT	00	7	28	1	0	0	—	16.4	+2.3	22.0	30	-1	20	+1	74	0	0	0
NAG' HAMÂDI	00	8	00	0	0	0	—	15.0	+2.2	24.6	32	—	21	—	55	0	0	—
QENA	00	8	24	2	0	0	—	14.3	+1.4	24.2	37	+1	20	0	61	0	0	—
LUXOR	00	7	28	2	0	0	—	14.3	+1.7	29.0	37	-1	21	+1	40	0	0	—
ASWÂN	00	9	32	3	0	0	—	13.1	+1.2	27.9	38	0	24	+2	31	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	18.6	+1.6	20.0	32	-1	12	-4	57	0	0	0
BAHARÎYA																	0	0
KHÂRGA	00	9	32	2	0	0	—	15.2	+1.6	23.8	33	-2	22	+2	50	0	0	—
DÂKHLA	00	8	16	1	0	0	—	17.1	+2.6	23.0	33	-2	18	-1	59	0	0	—
RED SEA																		
TÔR	00	7	28	3	0	0	—	13.0	+0.7	22.5	29	-1	—	—	62	0	0	0
HURGHÂDA	00	8	30	4	0	0	—	—	—	25.7	31	-1	20	-1	61	0	0	0
QUSEIR	00	8	28	3	0	0	—	12.4	+0.2	26.5	32	+1	24	0	53	0	0	0
PORT SÛDÂN	01	8	04	2	1	3	4,2	11		32					46	0	0	2
NORTH SÛDÂN																		
WÂDI HALFA	00	8	32	2	0	0	—	12		26					28	0	0	—
KAREIMA	00	8	06	3	0	0	—	9		31					26	0	0	0
'ATBARA	00	7	04	3	0	2	1	9		30					38	0	0	0
KHARTÛM	00	7	26	2	1	2	4	7		31					46	0	0	0
KASSALA	00	8	18	3	0	0	—	8		29					55	0	1	1
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	16	3	1	2	1	8		28					66	0	0	2
RENK	01	9	18	3	1	4	4	8		29		—		—	66	—	—	7
ROSEIRES	01	8	20	1	1	4	1	—		27					70	0	2	5
EL OBEID	01	7	22	2	1	4	4	8		27					70?	0	1	2
EL FÂSHER	02	7	04	3	1	8	4,2	—	—	26					34?	0	4	1
GENEINA	02	8	04	2	1	8	2	—	—	19		—		—	60	0	0	1
KADUGLI	02	8	08	2	1	7	4	10		24		—		—	84	—	—	25
S. SÛDÂN																		
MALAKÂL	02	8	16	1	1	6	0,4,2	10		31					66	0	17	20
WÂU	01	8	18	2	1	4	4	10		24					84	0	6	25
JUBA	02	8	12	1	6	6	0,4	12		24					29	1	7	20

UPPER WINDS ON 7th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT 6h. 45m.	PORT SA'ÎD 6h. 30m.	HELWÂN 8h. 45m.	MINYA h. m.	ASYÛT 7h. m.	LUXOR h. m.	ASWÂN 7h. m.	WÂDI HALFA 7h. 15m.	ABU HAMAD 7h. m.	KAREIMA 7h. m.	KHARTÛM 6h. m.
	03 02 20	03 01 30	03 36 10		03 31 15		03 03 10	09 07 35	09 05 60	09 08 40	09 16 20
	06 36 10	06 03 20	05 07 20		05 01 20		05 05 15	15 09 30	15 06 45	15 08 60	15 10 30
	09 01 15	09 02 15	08 06 20		10 32 30		10 02 10	21 07 20	21 08 25	21 09 35	21 09 20
	15 24 10	15 35 05	10 02 25				15 02 03	27 08 15		27 11 40	24 09 15
	18 25 30	21 04 15	15 03 15				20 15 05	33 11 05			30 12 15
	21 26 05	27 24 30	20 27 15				25 18 20	39 09 30			
	30 13 20	30 30 25	23 22 20				30 17 —				
	33 21 15	33 23 25	25 22 20								
	42 28 40	36 26 25	30 26 25								

KASSALA 7h. m.	PORT SÛDÂN 7h. m.	EL OBEID 7h. m.	EL FÂSHER h. m.	GENEINA 7h. m.	MALAKAL 7h. 15m.
09 13 10	09 03 35	09 30 25		09 04 35	09 23 20
15 11 20	15 05 25	15 36 05		15 07 50	15 21 20
21 09 30	21 06 25	21 09 15		21 07 45	21 17 05
27 11 30	27 09 40	24 05 25		27 09 40	27 13 15
33 09 30	33 09 45			33 09 35	33 12 15
39 08 30	39 09 35			39 09 40	39 09 20

UPPER AIR TEMP. ALMÂZA AT 6h G.M.T. ON 7-10

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	1008	70	64
500	990	67	61
1000	972	66	60
1500	954	65	59
2000	927	62	58
4000	871	60	42
6000	808	61	41
8000	749	56	37
10000	693	51	34
12000	641	46	30
14000			
16000			

CYPRUS SYNOPTIC 8h. ON 7th

34700 00990 54303 15241 42105 00180
34800 00990 24201 16211 71401 00160

ANNUAL SUBSCRIPTION P.T. 150

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

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.

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

DAILY WEATHER REPORT

Month OCTOBER 1946 — شهر أكتوبر ١٩٤٦

At 14h. on MONDAY 7th (الساعة ١٤ يوم ٧) — At 20h. on 7th (الساعة ٢٠ يوم ٧ الاثنين)

Region	Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
Mediterranean	Salûm																							130
	Matrûh	00	9	30	3	0	0	—	17.0	29.2	62	0	00	8	14	1	0	0	—	17.4	24.0	78	0	131
	Mariut	00	8	30	2	0	2	8,1	18	27	52	0	00	7	00	0	0	0	—	18	20	83	0	150
	Alexandria	01	9	04	2	1	4	1,5	17.6	26.6	57	0	00	6	00	0	0	0	—	19.0	24.6	56	0	132
	Damietta	01	8	30	3	1	3	8,6	16.7	26.0	55	0	00	7	32	1	1	2	8	17.2	24.0	67	0	159
	Port Sa'îd	00	8	30	3	0	3	4,5	16.8	27.8	49	0	01	8	02	4	1	4	5	17.8	24.3	64	0	134
	El 'Arîsh	00	9	32	5	0	3	3	15.5	27.6	54	0	00	9	28	4	0	0	—	16.8	24.2	76	0	135
Lower Egypt	Damanhûr	00	7	04	4	0	3	1	17.1	28.4	49	0	00	7	32	3	0	0	—	17.6	22.0	72	0	136
	Manşûra	01	8	02	2	1	4	8	16.8	29.0	46	0	00	6	28	2	1	0	—	18.2	22.6	66	0	137
	Ţanţa	01	8	28	2	1	3	8	17.1	29.0	40	0	01	8	28	1	1	3	8	17.9	21.7	80	0	138
	Zagazig	00	6	32	3	0	0	—	16.6	29.1	43	0	00	6	32	2	0	0	—	17.4	22.2	66	0	139
	Shebîn el Kôm	00	8	02	3	0	0	—	16.0	30.2	43	0	00	7	02	2	0	0	—	17.5	21.2	82	0	—
Middle Egypt	Cairo Almâza	00	8	04	3	0	0	—	16.9	29.1	43	0	00	7	02	3	0	1	4	17.5	24.1	55	0	141
	Cairo Ezbekîya	00	8	04	3	0	0	—	16.0	29.1	40	0	00	8	04	2	0	0	—	17.6	22.4	56	0	—
	Cairo Gîza	00	8	30	2	0	0	—	15.9	28.8	40	0	00	7	02	4	0	0	—	17.5	23.4	63	0	—
	Ḥelwân	00	7	32	3	0	0	—	15.4	28.7	29	0	00	7	02	4	0	0	—	17.4	24.0	48	0	143
	Suez	00	9	02	1	0	0	—	15.8	29.4	41	0	00	9	32	2	0	0	—	17.8	24.0	60	0	144
Upper Egypt	Faiyûm	00	8	32	3	0	0	—	15.4	29.3	45	0	00	8	30	2	0	0	—	16.8	24.3	63	0	153
	Minya	00	9	32	4	0	0	—	14.7	29.7	34	0	00	8	30	2	0	0	—	15.4	24.4	49	0	154
	Asyûţ	00	8	26	1	0	0	—	14.3	28.9	60	0	00	6	26	1	0	0	—	15.0	25.7	82	0	155
	Nag' Ḥamâdi	00	8	24	1	0	0	—	12.0	30.8	40	0	00	8	00	0	0	0	—	14.2	25.2	57	0	164
	Qena	00	9	24	2	0	0	—	12.0	35.6	39	0	00	9	22	2	0	0	—	12.6	27.6	58	0	156
	Luxor												00	6	28	1	0	0	—	13.4	27.0	43	0	157
	Aswân	00	9	30	2	0	0	—	8.8	39.0	14	0	00	9	32	4	0	0	—	11.0	25.0	14	0	158
Western Desert	Sîwa	00	8	00	0	0	0	—	18.2	32.7	41	0	00	5	00	0	0	0	—	17.9	22.2	63	0	148
	Baḥarîya	00	9	00	0	0	0	—	15.5	33.0	39	0	00		00	0	0	0	—	16.7	25.0	61	0	149
	Khârga	00	9	32	3	0	0	—	13.2	33.4	16	0	00		02	2	0	0	—	15.2	28.0	28	0	151
	Dakhla	00	9	16	1	0	0	—	13.0	32.0	38	0	00	7	16	1	0	0	—	16.8		65	0	152
Red Sea	Ţôr	00	7	28	4	0	0	—	12.4	29.1	64	0	00	7	28	3	0	0	—	13.5	28.1	77	0	145
	Hurghâda	00	8	32	4	0	0	—		29.6	52	0	00	8	28	3	0	0	—		25.9	55	0	146
	Quşeir	00	8	04	2	0	0	—	12.3	30.0	61	0	00	8	28	2	0	0	—	11.9	28.0	51	0	147
	Port Sûdân	00	8	04	3	0	3	1	9	32	75													200
North Sûdân	Wâdi Ḥalfa																							165
	Kareima																							166
	'Aţbara	18	6	10	4	1	6	2	4	40	12													167
	Khartûm	01	8	06	3	1	4	6,8,4	3	39	23													169
	Kassala	01	8	08	2	0	3	8	2	40	14													170
Central Sûdân	Wad Medani	01	8	14	4	0	3	8	3	37	33													171
	Renk	01	9	18	3	1	4	8	3	33	56													182
	Roseires	01	8	08	1	1	5	8	4	35	44													172
	El Obeid	11	7	24	1	1	7	9,4,2	2	35	44													174
	El Fâsher	02	7	24	1	1	7	4	—	36	35													175
	Geneina	02	8	04	4	1	8	2	—	32	29													179
	Kadugli	02	7	28	3	1	5	8	4	34	41													187
S. Sûdân	Malakâl	10	8	18	3	1	7	9,4,5		28	66													176
	Wâu	01	8	18	2	1	4	9		32	49													177
	Juba	02	8	20	3	5	5	9,4	7	30	49													178

UPPER WINDS ON 7th (الرياح العليا يوم ٧)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh h. m.	Mariut 13h. m.	Port Sa'îd h. m.	Almâza h. m.	Minya h. m.	Luxor h. m.	Hurghâda h. m.	Wâdi Ḥalfa h. m.	Kareima h. m.	Khartûm h. m.	Kassala h. m.	El Obeid 13h. m.	Malakal 13h. m.	Juba 13h.30m.
	03 33 10										09 31 05	09 21 10	09 23 25
	06 02 20										15 25 05	15 20 10	15 24 15
	09 01 25										21 35 10	21 22 10	21 11 10
	12 01 35												27 18 10
	15 01 40												33 15 20
	18 01 35												39 26 20
	21 24 15												
	24 24 30												
	27 25 45												

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	Date	1946	1945
	8.10	7211	6701
	7.10	7482	6641

Station	Mean of day: Humidity % on 7th	Diff from normal	Wet bulb temp °C on 7th	Diff from normal
Alexandria	54	−13	19.9	−0.6
Ezbekiya	56	−10	18.7	−1.0
Giza	62	−6	19.1	−0.8
Helwân	47	−6	17.4	−1.0

GÎZA — Grass minimum temp. on 8th 11.8° C

CAIRO — Water temp. River Nile at 8h. on 8th 24.6° C

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				13.34	−0.40
Nâsser				11.10	+0.61
Malakâl				12.82	+0.57
J. Aulia Res.					
J. Aulia D.S					
Roseires	7	17.18	+0.41	17.20	+0.35
Sennar Res.				17.21	
Khartûm	8			14.49	−0.17
Kh. el Girba					
'Atbara		13.64	−0.06	13.66	−0.09
Kajnarti		140.13	+0.01	140.42	+0.20
Aswân Res.		112.10		112.34	
Aswân D.S		91.75	+0.55	91.95	+0.70
Roda (Cairo)		19.15	+0.76	19.28	+0.89

Printed by the Survey of Egypt, 1945.(45/306)

At 8h. on TUESDAY 8th (الساعة ٨ يوم ٨ الثلاثاء)

Region	Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Mediterranean	Salûm												—		—				1
	Matrûh	00	7	18	3	0	0	—	17.0	+0.9	24.2	31	+4	20	+1	51	0	tr.	3
	Mariut	00	8	18	2	0	0	—	18		24	27	—	16	—	65	0	tr.	1
	Alexandria	00	9	16	2	0	0	—	18.2	+2.2	24.0	29	0	19	−2	66	0	tr.	1
	Damietta	00	8	22	1	0	0	—	17.8	+2.8	28.8	27	—	18	—	45	0	0	1
	Port Sa'îd	00	8	30	2	0	1	1	17.8	+3.5	25.5	30	+1	21	0	64	0	4	0
	El 'Arîsh	00	9	14	2	0	0	—	17.4	+2.6	28.1	29	0	17	−1	52	0	0	1
Lower Egypt	Damanhûr	00	6	24	2	0	0	—	17.8	+2.0	22.2	29	−2	18	0	82	0	0	1
	Manşûra	00	8	08	1	0	0	—	17.8	+2.4	24.0	30	−2	17	−1	69	0	0	0
	Ţanţa	00	8	00	0	0	0	—	18.3	+2.5	22.3	30	−1	15	−1	78	0	0	0
	Zagazig	00	6	32	2	0	0	—	17.8	+1.8	22.8	30	−1	16	0	75	0	0	0
	Shebîn el Kôm	00	8	30	2	0	0	—	17.1	+2.4	19.4	31	—	16	—	81	0	0	—
Middle Egypt	Cairo Almâza	00	7	04	1	0	0	—	17.8	+2.4	22.2	30	—	19	—	72	0	tr.	—
	Cairo Ezbekîya	05	5	02	1	0	0	—	18.2	+2.8	20.9	30	−1	17	−1	74	0	tr.	0
	Cairo Gîza	00	7	30	1	0	0	—	17.9	+2.4	20.5	30	0	15	−1	88	0	tr.	0
	Ḥelwân	00	6	04	1	0	0	—	17.6	+2.2	22.6	29	−2	19	0	63	0	0	0
	Suez	00	9	32	1	0	0	—	18.3	+3.9	22.0	31	−1	17	−3	62	0	tr.	0
Upper Egypt	Faiyûm	00	8	32	3	0	0	—	17.9	+2.5	21.5	30	−2	16	−2	68	0	0	0
	Minya	00	9	24	2	0	0	—	17.0	+2.1	22.5	30	−1	19	+1	69	0	tr.	—
	Asyûţ	00	8	26	2	0	0	—	16.3	+2.1	21.1	30	−1	20	+1	65	0	0	0
	Nag' Ḥamâdi	00	8	00	0	0	0	—	15.0	+2.1	25.8	32	—	20	—	59	0	0	—
	Qena	00	8	22	2	0	0	—	14.3	+1.3	24.0	37	+1	20	+1	61	0	0	—
	Luxor	00	7	28	1	0	0	—	14.3	+1.6	28.8	38	0	20	0	35	0	0	—
	Aswân	00	9	02	3	0	0	—	12.7	+0.7	27.4	40	+2	24	+2	30	0	0	
Western Desert	Sîwa	00	7	00	0	0	0	—	19.4	+2.4	19.9	24	+1	12	−4	56	0	0	0
	Baḥarîya	00	9	00	0	0	0	—	16.4	+0.4	26.0	34	+2	19	+2	62	0	0	0
	Khârga	00	9	02	3	0	0	—	15.6	+1.9	22.6	34	−1	22	+3	52	0	0	—
	Dâkhla	00	8	30	1	0	0	—	17.0	+2.4	24.0	33	−2	20	+1	60	0	0	—
Red Sea	Ţôr	00	7	28	3	0	0	—	12.8	+1.4	21.2	31	+1			62	0	0	0
	Hurghâda	00	8	30	5	0	0	—			24.9	31	0	21	0	60	0	0	0
	Quseir	00	8	32	3	0	0	—	12.6	+0.3	26.8	32	+1	24	0	59	0	0	0
	Port Sûdân	00	8	00	0	0	0	—	11		32					49	0	0	2
North Sûdân	Wâdi Ḥalfa	00	8	02	1	0	1	6,2	12		27					23	0	0	—
	Kareima	00	8	28	2	0	3		10		29					49	0	0	0
	'Aţbara	01	8	04	3	1	4	1	9		32					15	0	0	0
	Khartûm	00	8	00	0	1	2	4,1	9		29					52	0	0	0
	Kassala	00	8	16	2	0	0	—	9		29					59	0	1	2
Central Sûdân	Wad Medani	00	9	18	4	0	0	—	10		31					52	0	0	2
	Renk												—		—		—	—	9
	Roseires	00	8	18	1	0	2	1			27					70	0	2	6
	El Obeid	02	9	24	4	1	7	4,5	9	—	24					74	0	1	4
	El Fâsher	02	8	14	1	1	8	4,2	—	—	24					54	0	4	1
	Geneina	05	6	08	2	1	8	2	—		21		—		—	65	—	—	2
	Kadugli	02	8	28	3	1	7	9	11		24		—		—	84	—	—	30
S. Sûdân	Malakâl	01	8	20	2	1	5	4,6	11		26					84	25	42	24
	Wâu	02	8	18	4	6	6	6,4	10		23					89	17	23	30
	Juba	61	8	28	1	6	8	9	14		21					95	7	14	24

UPPER WINDS ON 8th (الرياح العليا يوم ٨)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh h. m.	Mariut h. m.	Port Sa'îd 6h.30m.	Helwân 8h.45m.	Minya 6h.45m.	Asyûţ 7h. m.	Luxor 7h.30m.	Aswân h. m.	Wâdi Ḥalfa 7h. m.	Abu Hamad h. m.	Kareima 7h.15m.	Khartûm 6h.30m.
		03 31 05	02 06 25	03 01 45	02 35 15	03 01 05		09 04 40		09 07 30	09 17 20
		06 02 10	05 06 25	06 02 40	05 36 25	06 34 10		15 05 30		15 10 40	15 13 25
		09 12 30	08 02 40	09 01 40	10 35 25	09 33 10		21 06 30		21 08 55	21 10 30
		12 02 40	10 02 50	15 36 15	15 34 25	12 18 05		27 08 15		24 07 55	24 09 30
		15 03 40	15 04 70	21 26 30		15 22 10				33 05 40	30 08 35
		18 02 40	20 03 40	24 26 25		18 27 10				39 04 30	39 07 30
		21 03 35	23 04 45	30 24 30		21 25 15					
		30 02 10	25 04 50	33 24 30		24 25 20					
		36 30 25		36 27 20		30 21 10					

Kassala 6h.45m.	Port Sûdân 7h. m.	El Obeid 7h. m.	El Fâsher h. m.	Geneina 7h. m.	Malakal 7h. m.
09 19 20	09 03 30	09 20 25		09 08 25	09 22 35
15 13 20	15 06 35	15 16 15		15 09 45	15 22 35
21 11 35	21 11 35	21 06 30		21 08 65	21 19 20
27 12 35	27 13 30	27 05 30		27 08 45	27 16 25
33 09 25	33 15 35	33 04 40		33 09 35	33 17 20
39 07 30				39 11 30	39 16 20

Upper Air Temp. Almâza at 06h G.M.T. on 8th

Height Feet	P.P.P m.b.	TT °F	tt °F
Surface	1008	67.5	63
500	990	70.5	63
1000	972	70	62
1500	954	67	60.5
2000	937	66.5	56
4000	871	65	41.5
6000	808	60	40
8000	749	55	39.5
10000	693	51	33.5
12000	641	44	28
14000	592	36	24
16000	546	30	22.5

Cyprus Synoptic 8h. on 8th

34710 00752 22402 16261 80403 00190
34803 00962 24102 15231 30403 00160

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.

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	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 Amount (N)	
Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

ANNUAL SUBSCRIPTION P.T. 150

Month ... 1946 — DAILY WEATHER REPORT — شهر ... ١٩٤٦

At 14h. on TUESDAY 8th — الساعة ١٤ بتوقيت ... الثلاثاء ٨

STATION	PRESENT WEATHER (ww)	VISIBILITY (v)	WIND Dir. (dd)	WIND Force (f)	PAST WEATHER (w)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESS M.S.L. 1000+ mbs. (ppp)	TEMP. °C (ttt)	% HUMIDITY (uu)	RAIN 8-14 hr. mms	STATION NUMBER
MEDITERRANEAN: SALÛM												130
MATRÛH	00	9	30	3	3!	0	0	16.4	29.1	68	0	131
MARIUT	00	7	34	2	0	0	—	17	31	28	0	150
ALEXANDRIA	00	9	28	2	0	0	—	17.5	29.4	37	0	132
DAMIETTA	00	8	32	1	1	0	—	16.0	28.0	55	0	159
PORT SA'ÎD	00	8	32	2	0	0	—	17.5	27.0	65	0	134
EL 'ARÎSH												135
LOWER EGYPT: DAMANHÛR	00	7	28	3	0	0	—	17.5	31.3	44	0	136
MANSÛRA	00	8	32	2	0	0	—	17.4	31.6	36	0	137
TANTA	00	8	00	0	0	0	—	17.1	30.0	41	0	138
ZAGAZIG	00	6	08	2	0	0	—	16.6	30.0	40	0	139
SHEBÎN EL KÔM	00	8	30	3	0	0	—	16.3	31.6	41	0	
MIDDLE EGYPT, CAIRO: ALMÂZA	00	8	04	3	0	0	—	15.9	30.5	40	0	141
EZBEKÎYA	00	8	02	3	0	0	—	16.4	30.9	37	0	
GÎZA	00	8	30	2	0	0	—	16.7	30.0	34	0	
HELWÂN	00	7	02	4	0	0	—	15.9	30.6	23	0	
SUEZ	00	9	02	1	0	0	—	16.2	31.0	32	0	143
UPPER EGYPT: FAIYÛM	00	8	32	4	0	0	—	15.5	31.5	24	0	144
MINYA	00	9	32	3	0	0	—	15.2	31.0	32	0	153
ASYÛT	00	8	22	1	0	0	—	13.5	30.5	55	0	154
NAG' HAMÂDI	00	8	24	1	0	0	—	12.6	30.3	46	0	155
QENA	00	9	22	2	0	0	—	11.2	34.4	39	0	164
LUXOR	00	7	10	2	0	0	—	11.9	36.0	38	0	156
ASWÂN	00	9	32	3	0	0	—	10.8	38.3	17	0	157
WESTERN DESERT: SÎWA	00	8	24	2	0	0	—	18.6	34.2	28	0	158
BAHARÎYA												148
KHÂRGA	00	9	32	2	0	0	—	13.0	33.4	12	0	149
DAKHLA	00	9	16	1	0	0	—	13.0	32.0	38	0	151
RED SEA: TÔR	00	7	28	5	0	0	—	12.8	28.9	65	0	152
HURGHÂDA	00	8	23	4	0	0	—		29.7	46	0	145
QUSEIR	00	8	32	2	0	0	—	12.0	30.4	56	0	146
PORT SÛDÂN	00	8	04	3	0	0	—					147
NORTH SÛDÂN: WÂDI HALFA	00	8	02	3	0	1	1	9	39	12		169
KAREIMA												165
'ATBARA	12	7	12	4	1	0	—	4	41	08		166
KHARTÛM	01	8	04	2	0	4	8	4	39	16		167
KASSALA	01	8	24	1	0	3	8	3	38	29		170
CENTRAL SÛDÂN: WAD MEDANI	01	8	18	4	0	4	8	4	37	27		171
RENK	01	9	20	3	1	4	8		34	47		182
ROSEIRES	01	8	16	1	0	5	8	6	33	47		172
EL OBEID	01	9	00	0	1	4	9	5	34	41		174
EL FÂSHER	02	7	04	3	1	5	2	—	35	22		175
GENEINA	02	7	24	2	1	5	2	—	31	33		179
KADUGLI	01	8	20	2	1	4	9	8	32	52		187
S. SÛDÂN: MALAKÂL	01	8	18	2	1	4	8,4	7	31	62		176
WÂU	01	8	18	2	1	4	8,4	6	31	55		177
JUBA	02	8	24	1	5	5	8,4	8	29	66		178

At 20h. on 8th — الساعة ٢٠ بتوقيت ... الثلاثاء ٨

STATION	PRESENT WEATHER (ww)	VISIBILITY (v)	WIND Dir. (dd)	WIND Force (f)	PAST WEATHER (w)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESS M.S.L. 1000+ mbs. (ppp)	TEMP. °C (ttt)	% HUMIDITY (uu)	RAIN 14-20 hr. mms
MEDITERRANEAN: SALÛM											
MATRÛH	00	8	00	0	0	0	—	16.6	24.6	82	0
MARIUT	00	7	00	0	0	0	—	17	23	78	0
ALEXANDRIA	00	6	08	1	0	0	—	18.6	25.0	68	0
DAMIETTA	00	8	16	1	1	0	—	17.5	21.5	78	0
PORT SA'ÎD	00	8	32	1	0	0	—	17.5	23.3	72	0
EL 'ARÎSH	00	9	02	2	0	0	—	17.4	24.4	77	0
LOWER EGYPT: DAMANHÛR	00	7	32	2	0	0	—	17.5	24.2	76	0
MANSÛRA	00	6	32	1	0	0	—	17.6	24.6	50	0
TANTA	00	8	28	1	0	0	—	17.4	21.8	79	0
ZAGAZIG	00	6	32	2	0	0	—	17.2	24.8	61	0
SHEBÎN EL KÔM	00	7	02	2	0	0	—	16.8	23.3	68	0
MIDDLE EGYPT, CAIRO: ALMÂZA	00	7	04	1	0	0	—	17.3	29.2	53	0
EZBEKÎYA	00	7	26	1	0	0	—	17.5	25.8	48	0
GÎZA	00	8	30	1	0	0	—	17.5	23.2	70	0
HELWÂN	00	6	32	3	0	0	—	17.4	26.9	39	0
SUEZ	00	9	30	1	0	0	—	17.9	25.0	47	0
UPPER EGYPT: FAIYÛM	00	8	02	2	0	0	—	17.0	26.0	45	0
MINYA	00	9	32	4	0	0	—	15.8	26.6	45	0
ASYÛT	00	6	28	1	0	0	—	13.9	25.7	66	0
NAG' HAMÂDI	00	8	00	0	0	0	—	12.4	26.0	52	0
QENA	00	6	24	1	0	0	—	11.5	28.3	43	0
LUXOR											
ASWÂN	00	9	32	2	0	0	—	11.5	35.0	15	0
WESTERN DESERT: SÎWA	00		00	0	0	0	—	17.9	28.5	68	0
BAHARÎYA											
KHÂRGA	00	9	02	3	0	0	—	13.9	28.4	29	0
DAKHLA	00	7	20	2	0	0	—		24.2	59	0
RED SEA: TÔR	00	7	28	4	0	0	—	13.0	28.2	70	0
HURGHÂDA	00	8	28	3	0	0	—		24.7	61	0
QUSEIR	00	8	28	2	0	0	—	11.6	27.6	47	0
PORT SÛDÂN											
NORTH SÛDÂN: WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN: WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN: MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 8th — الرياح العليا يوم ٨

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	13h. m.	13h. m.	12h. 30m.	h. m.	h. m.	h. m.	13h. 15m.	h. m.	13h. m.	12h. 45m.	13h. m.	13h. 15m.	12h. 00m.
	03 27 10	03 36 05	03 01 30				09 03 30		09 28 05	09 20 05	09 34 05	09 20 20	09 21 05
	06 29 20	06 01 10	06 02 60				15 05 20		15 17 05	15 15 15	15 01 10	15 20 15	15 26 05
	09 31 20	09 36 15	09 06 40				21 05 25		21 17 05	21 13 05	21 36 15	21 23 05	21 27 05
	15 34 15	15 01 20					27 03 30		24 14 10	27 03 05			
	21 35 20	18 36 30					33 14 10		27 08 10	33 10 20			
	30 34 20	21 36 30					39 03 10		30 08 20	39 12 20			
	39 28 30	24 01 35							39 04 25				
	51 28 25	27 01 40											
	60 28 40												

Remarks

Hours are Egyptian standard time, long. 30 E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	9.10	6949	6881
	8.10	7211	6701

STATION	Mean of day: HUMIDITY % on 8th	HUMIDITY Diff from normal	WET BULB TEMP °C on 8th	WET BULB TEMP Diff from normal
Alexandria	62	−5	19.9	−0.6
Ezbekiya	55	−11	19.2	−0.4
Giza	69	+1	19.2	−0.6
Helwân	45	−8	18.1	−0.2

GÎZA — GRASS MINIMUM TEMP. ON 9th 11.0° C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 9th 24.3° C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	9th			12.54	−0.20
Nâsser				11.10	+0.60
Malakâl		12.81	+0.55	12.82	+0.57
J. Aulia Res.				377.37	
J. Aulia D.S				374.25	−0.31
Roseires		17.02	+0.37	17.18	+0.41
Sennar Res.				17.20	
Khartûm				14.46	−0.16
Kh. el Girba					
'Atbara		13.56	−0.04	13.64	−0.06
Kajnarti		139.97	+0.08	140.13	+0.01
Aswân Res.		111.94		112.10	
Aswân D.S		91.55	+0.40	91.75	+0.55
Roda (Cairo)		18.95	+0.56	19.15	+0.76

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on WEDNESDAY 9th — الساعة ٨ بتوقيت ... الأربعاء ٩

STATION	PRESENT WEATHER (ww)	VISIBILITY (v)	WIND Dir. (dd)	WIND Force (f)	PAST WEATHER (w)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESSURE M.S.L. 1000+ mbs. (ppp)	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C (ttt)	MAXIMUM Yesterday °C (MM)	MAXIMUM Diff. from norm °C	MINIMUM Today °C (mm)	MINIMUM Diff from norm °C	% HUMIDITY (uu)	RAINFALL Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct. 1 mms
MEDITERRANEAN: SALÛM													—	—				1
MATRÛH	00	9	26	2	0	3	8	17.4	+1.2	24.4	30	+3	19	1	50	0	tr.	4
MARIUT	00	7	25	1	0	0	—	17		27	32	—	18	—	62	0	dr.	2
ALEXANDRIA	00	9	32	2	0	0	—	17.4	+1.3	26.4	31	+2	22	+1	60	0	dr.	1
DAMIETTA	00	8	20	1	0	0	—	18.2	+3.1	22.4	30	—	17	—	65	0	dr.	1
PORT SA'ÎD	00	8	26	2	0	0	—	17.1	+2.7	25.3	30	+1	21	0	58	0	4	0
EL 'ARÎSH	00	9	20	1	0	0	—	15.9	+1.0	27.9	29	0	18	0	47	0	0	1
LOWER EGYPT: DAMANHÛR	00	6	24	2	0	0	—	17.0	+1.1	22.0	33	+2	18	0	64	0	0	1
MANSÛRA	00	8	24	1	0	0	—	17.2	+1.7	24.2	33	+2	17	−1	57	0	0	0
TANTA	00	8	24	1	0	0	—	17.8	+1.9	24.0	31	0	15	−1	60	0	0	0
ZAGAZIG	00	6	20	1	0	0	—	17.5	+1.5	24.4	32	+1	17	+1	60	0	0	0
SHEBÎN EL KÔM	00	8	30	2	0	0	—	16.4	+0.6	22.0	34	—	17	—	76	0	0	—
MIDDLE EGYPT, CAIRO: ALMAZA	05	5	00	0	0	0	—	15.7	+0.3	25.0	32	—	19	—	42	0	dr.	—
EZBEKÎYA	05	5	08	1	0	0	—	17.1	+1.7	22.0	32	+1	18	0	44	0	dr.	0
GÎZA	05	6	26	1	0	0	—	17.1	+1.5	26.7	31	+1	14	−2	50	0	dr.	0
HELWÂN	00	6	00	0	0	0	—	17.4	+1.9	22.2	32	+1	20	+1	36	0	0	0
SUEZ	00	9	00	0	0	0	—	17.5	+3.0	25.0	32	0	16	−4	43	0	dr.	0
UPPER EGYPT: FAIYÛM	00	8	00	0	0	0	—	17.2	+1.7	23.8	32	0	16	−2	56	0	0	0
MINYA	00	9	32	2	0	0	—	17.0	+2.0	23.5	32	+1	17	−1	56	0	dr.	—
ASYÛT	00	8	00	0	0	0	—	16.2	+1.9	26.0	32	+1	20	+1	39	0	0	0
NAG' HAMÂDI	00	8	00	0	0	0	—	14.8	+1.8	24.8	31	—	19	—	47	0	0	—
QENA	00	8	24	2	0	0	—	14.6	+1.5	22.6	36	0	19	0	69	0	0	—
LUXOR	00	7	28	2	0	0	—	14.3	+1.5	28.6	39	+2	20	−0	35	0	0	—
ASWÂN	00	9	02	2	0	0	—	13.1	+1.0	27.0	39	+2	24	+2	31	0	0	
WESTERN DESERT: SÎWA	00	7	00	0	0	0	—	18.8	+1.7	20.8	34	+1	12	−3	60	0	0	0
BAHARÎYA																		0
KHÂRGA	00	9	02	3	0	0	—	14.7	+0.9	26.0	34	−1	23	+4	41	0	0	—
DAKHLA	00	8	02	2	0	0	—	16.8	+2.1	27.5	34	0	23	+5	50	0	0	—
RED SEA: TÔR	00	7			0	0	—	12.0	−0.6	27.9	29	−1			57	0	0	0
HURGHÂDA	00	8	28	3	0	0	—			27.7	30	−1	23	+3	31	0	0	0
QUSEIR	00	8	30	2	0	0	—	12.8	+0.4	28.0	32	+1	24	0	43	0	0	0
PORT SÛDÂN	00	9	04	3	0	0	—	11		32					52	0	0	3
NORTH SÛDÂN: WÂDI HALFA	00	8	04	1	0	0	—	13		27					22	0	0	—
KAREIMA	00	8	06	1	0	0	—	10		29					29	0	0	0
'ATBARA	00	8	32	2	0	0	—	10		28					62	0	0	0
KHARTÛM	00	8	24	2	0	0	—	10		28					58	0	0	1
KASSALA	00	8	14	3	0	0	—	11		27					66	0	1	2
CENTRAL SÛDÂN: WAD MEDANI																0	0	3
RENK	01	9	12	3	1	5	6	10		24		—		—	99	—	—	10
ROSEIRES	02	8	08	1	1	4	6	13		22					84	1	3	7
EL OBEID	00	9	22	1	0	3	4	8		32					43	0	1	4
EL FÂSHER	01	8	00	0	0	4	1	—	—	24					47	0	4	2
GENEINA	05	6	04	2	1	4	4	—	—	21		—		—	57	—	—	2
KADUGLI	02	8	20	2	1	7	4	10		24		—		—	84	—	—	35
S. SÛDÂN: MALAKÂL	02	8	00	0	1	5	6,4,5	11		24					84	0	42	28
WÂU	02	8	00	0	6	5	4	11		24					74	3	50	35
JUBA	02	8	12	2	1	8	6,4,5	13		23					95	tr.	14	28

UPPER WINDS ON 9th — الرياح العليا يوم ٩

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	7h. m.	h. m.	9h. m.	6h. 45m.	7h. m.	6h. 30m.	7h. m.	h. m.	7h. 15m.	7h. m.	7h. m.
	03 29 25		02 32 05	03 04 30	02 02 25	03 13 05	02 02 15		09 02 20	09 06 20	09 26 30
	06 30 15		05 01 15	06 04 45	05 02 50	06 35 05	05 03 15		15 10 25	15 08 45	15 11 20
	09 20 20		08 35 20	09 02 05	10 02 60	09 15 05	10 09 10		21 10 25	21 02 45	
	15 29 35		10 35 25	15 02 60		15 29 05	15 36 05		27 10 25	27 07 50	
	21 32 35		15 35 25	21 01 70		21 26 15	20 27 15		33 10 35	33 07 40	
	30 34 15		20 35 35			28 28 10	25 24 15			39 07 35	
	33 34 20		23 35 50				30 22 20				
	36 33 15		24 35 40				35 24 10				
	39 32 20						40 08 10				

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6h. 30m.	7h. m.	7h. m.	h. m.	7h. 15m.	7h. m.
09 18 25	09 00 20	09 25 20		09 06 20	09 19 10
15 15 20	15 03 35	12 29 20		15 02 40	15 22 10
21 14 20	21 04 35	15 21 20		21 09 65	21 30 10
27 05 20	27 08 30	21 02 20		24 10 65	27 35 10
33 02 15		27 02 15			33 02 20
39 04 15					39 11 10

UPPER AIR TEMP. ALMÂZA AT 5h GMT ON 9th

HEIGHT FEET	P.P.P m.b.	T.T °F	T.T °F
Surface	1007	72	57
500	989.5	82	60
1000	971	81	58
1500	953	80	57
2000	936	77	56
4000	870	69	51
6000	807	57.5	45.5
8000	748	48	36.5
10000	692	46	32
12000	640	41	27
14000	592	36	27
16000	546	32	24

CYPRUS SYNOPTIC 8h. ON 9th

34710	00852	22402	15261	80404	00180
34820	00762	18202	15241	40201	00170

ANNUAL SUBSCRIPTION P.T. 150

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	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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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.

DAILY WEATHER REPORT

Month OCTOBER 1946 — شهر أكتوبر ١٩٤٦

At 14h. on WEDNESDAY 9th — الساعة ١٤ يوم الأربعاء ٩

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (DD)	Wind Force (f)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	°C Temp. (TTT)	% Humidity (UU)	Rain 8-14 mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	9	28	3	0	0	—	16.3	26.5	80	0	131
MARIUT	01	7	28	2	1	4	8	15	28	62	0	150
ALEXANDRIA	01	9	28	2	1	4	4	15.4	29.0	59	0	132
DAMIETTA	00	8	30	3	0	0	—	14.6	27.3	63	0	159
PORT SA'ÎD	00	8	30	3	0	0	—	14.8	28.8	64	0	134
EL 'ARÎSH	00	9	28	3	0	0	—	14.7	27.1	61	0	135
LOWER EGYPT												
DAMANHÛR	01	7	28	4	1	3	8	14.8	29.8	42	0	136
MANSÛRA	01	8	02	2	1	4	8	14.4	31.0	53	0	137
TANTA	00	8	24	1	0	0	—	14.6	31.0	42	0	138
ZAGAZIG	00	6	16	2	0	0	—	14.3	32.4	41	0	139
SHEBÎN EL KÔM	00	8	02	3	0	0	—	14.2	34.2	39	0	
MIDDLE EGYPT												
CAIRO ALMÂZA	00	8	28	2	0	0	—	14.0	31.8	32	0	141
CAIRO EZBEKÎYA	00	8	02	2	0	0	—	14.2	32.8	30	0	
CAIRO GÎZA	00	8	30	1	0	0	—	15.1	32.5	23	0	
HELWÂN	00	7	28	3	0	0	—	14.2	31.9	15	0	143
SUEZ	00	9	30	1	0	0	—	14.3	33.0	16	0	144
UPPER EGYPT												
FAIYÛM	00	8	02	2	0	0	—	14.7	33.0	21	0	153
MINYA	00	9	32	3	0	0	—	14.7	34.0	20	0	154
ASYÛT	00	8	28	1	0	0	—	12.8	31.7	45	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	11.4	33.6	31	0	164
QENA	00	9	24	2	0	0	—	11.4	35.4	37	0	156
LUXOR	00	7	30	2	0	0	—	11.8	36.0	33	0	157
ASWÂN	00	9	28	2	0	0	—	8.6	38.4	17	0	158
WESTERN DESERT												
SÎWA	00	8	28	3	0	0	—	17.5	34.4	34	0	148
BAHARÎYA	00	9	00	0	0	0	—	14.0	34.2	40	0	149
KHÂRGA	00	9	04	4	0	0	—	13.2	35.0	10	0	151
DAKHLA	00	9	08	2	0	0	—	12.3	33.0	34	0	152
RED SEA												
TÛR	00	9	28	3	0	0	—	13.1	30.9	59	0	145
HURGHÂDA	00	8	02	2	0	0	—		30.3	42	0	146
QUSEIR	00	8	02	2	0	0	—	12.2	32.0	44	0	147
PORT SÛDÂN	00	7	03	4	0	0	—	7	34	47		
NORTH SÛDÂN												
WÂDI HALFA	00	8	02	3	0	0	—	8	39	08		165
KAREIMA	00	9	04	3	0	0	—	5	40	11		166
'ATBARA	18	6	14	5	0	0	—	4	39	28		167
KHARTÛM	01	8	00	0	1	4	9	4	38	17		
KASSALA	00	8	08	1	0	2	8	3	37	33		170
CENTRAL SÛDÂN												
WAD MEDANI	01	8	16	4	1	3	8	3	37	27		171
RENK	01	9	18	3	1	4	8		33	56		182
ROSEIRES	01	8	18	1	1	3	8	6	35	44		172
EL OBEID	01	9	04	3	1	5	9	3	35	29		174
EL FÂSHER	00	8	08	2	1	1	1	—	37	13		175
GENEINA	01	8	02	2	1	3	4	—	33	23		179
KADUGLI	02	8	20	3	1	5	9	7	32	55		187
S. SÛDÂN												
MALAKÂL	02	8	18	1	1	5	8,4	6	32	55		176
WÂU	11	8	16	1	1	4	9	8	29	62		177
JUBA	02	8	24	3	1	5	9	7	29	59		178

At 20h. on 9th — الساعة ٢٠ يوم الأربعاء ٩

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (DD)	Wind Force (f)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	°C Temp. (TTT)	% Humidity (UU)	Rain 14-20 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	01	9	30	3	0	4	8	16.2	25.0	68	0
MARIUT	00	7	30	2	1	3	6	16	24	69	0
ALEXANDRIA	01	6	28	2	2	4	4	16.4	24.0	67	0
DAMIETTA	00	8	32	1	0	2	8	15.0	24.7	72	0
PORT SA'ÎD	00	8	30	2	0	1	2	15.0	24.5	74	0
EL 'ARÎSH	01	9	30	1	1	3	3	14.6	24.5	80	0
LOWER EGYPT											
DAMANHÛR	00	7	28	2	1	3	8	15.0	23.8	69	0
MANSÛRA	00	6	02	2	1	0	—	15.2	23.0	79	0
TANTA	00	8	00	0	0	0	—	15.9	23.1	76	0
ZAGAZIG	00	6	30	2	0	0	—	14.7	24.4	77	0
SHEBÎN EL KÔM	00	7	02	2	0	0	—	14.7	23.6	84	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	7	03	2	0	0	—	15.0	26.2	76	0
CAIRO EZBEKÎYA	00	8	26	3	0	0	—	15.1	24.8	60	0
CAIRO GÎZA	00	8	30	2	0	0	—	14.7	26.1	63	0
HELWÂN	00	7	32	2	0	0	—	14.4	27.2	34	0
SUEZ	00	9	32	1	0	0	—	15.0?	26.6	63	0
UPPER EGYPT											
FAIYÛM	00	8	02	1	0	0	—	14.3	25.3	44	0
MINYA	00	9	32	2	0	0	—	13.8	27.1	36	0
ASYÛT	00	6	28	1	0	0	—	13.8	27.1	49	0
NAG' HAMÂDI	00	8	00	0	0	0	—	12.4	24.9	56	0
QENA	00	6	24	1	0	0	—	11.4	26.2	47	0
LUXOR	00	6	28	1	0	0	—	11.1	26.4	34	0
ASWÂN	00	9	30	2	0	0	—	10.4	34.0	22	0
WESTERN DESERT											
SÎWA	00	—	00	0	0	0	—	17.6	24.3	69	0
BAHARÎYA											
KHÂRGA	00		02	4	0	0	—	11.2	29.8	22	0
DAKHLA	00	7	08	2	0	0	—		26.0	55	0
RED SEA											
TÛR	00	7	28	3	0	0	—		30.8	57	0
HURGHÂDA	00	8	28	2	0	0	—		27.3	39	0
QUSEIR	00	8	28	2	0	0	—	12.0	28.3	41	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 9th — الرياح العليا يوم ٩

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SAÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.
13	13	13	12				13	12	13	12	13	13	
	03 33 15	03 31 15	06 32 45				09 36 30	09 07 45	09 07 10	09 07 10	09 36 05	09 25 05	
	06 28 15	06 28 25	09 32 15				15 06 15	15 07 40	15 09 15	15 08 20	15 06 05	15 23 05	
	09 26 20	09 29 25	12 32 20				21 10 10	21 07 55	21 08 10	21 09 20	21 07 10	21 11 05	
	12 29 30	15 31 35	15 31 20					27 07 55	24 07 15	27 09 20	24 08 10	27 06 05	
	15 29 30	21 32 30	18 28 15					33 07 50	27 05 15	33 12 20			
	21 29 25	30 34 05						39 07 50	30 05 15	39 14 15			
	24 27 10	36 28 15							33 06 15				
	27 26 20	39 28 20											
	30 25 15	45 30 15											

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	10.10	6653	6281
	9.10	6949	6281

STATION	Mean of day Humidity % on 9th	Diff from normal	Wet Bulb Temp °C on 9th	Diff from normal
Alexandria	61	−6	21.5	−1.1
Ezbekiya	46	−20	18.9	−0.7
Giza	51	−17	20.1	+0.3
Helwân	29	−24	16.2	−2.0
GIZA	GRASS MINIMUM TEMP. ON 10th		14.2°	°C
CAIRO	WATER TEMP. RIVER NILE ON 10th	AT 9h.	24.5°	°C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	10th	12.58	−0.17	13.50	−0.25
Nâsser		11.15	+0.65	11.15	+0.65
Malakâl		12.81	+0.55	12.81	+0.55
J. Aulia Res.		377.37		377.44	
J. Aulia D.S		374.22	−0.20	374.23	−0.26
Roseires		16.98	+0.39	17.02	+0.37
Sennar Res.		17.21		17.19	
Khartûm		14.39	−0.08	14.43	−0.09
Kh. el Girba					
Atbara		13.52	−0.03	13.58	−0.04
Kajnarti		139.81	−0.16	139.97	−0.08
Aswân Res.		111.68		111.90	
Aswân D.S		91.35	+0.27	91.55	+0.40
Roda (Cairo)		18.95	+0.53	18.95	+0.56

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71568

At 8h. on THURSDAY 10th — الساعة ٨ يوم الخميس ١٠

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (DD)	Wind Force (f)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Temperature Dry Bulb °C (TTT)	Maximum Yesterday °C (MM)	Maximum Diff. from norm. °C	Minimum Today °C (mm)	Minimum Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs. mms	Total From Oct. 1 mms	Norm From Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				
MATRÛH	01	9	24	1	1	4	8	15.9	−0.3	24.4	28	+1	20	+1	82	0	tr.	4
MARIUT	01	7	00	0	0	3	8	19		28	29	—	21	—	62	0	dr.	2
ALEXANDRIA	02	9	28	1	2	5	8	15.2	−1.0	26.2	30	+1	23	+2	60	0	dr.	1
DAMIETTA	00	8	16	1	0	1	8	14.2	−1.0	24.0	29	—	19	—	75	0	dr.	1
PORT SA'ÎD	01	8	22	2	1	4	8	14.7	+0.2	25.1	31	+2	22	+1	77	0	4	0
EL 'ARÎSH	01	9	18	1	1	4	3	14.3	−0.7	27.4	32	+3	19	+1	62	0	0	1
LOWER EGYPT																		
DAMANHÛR	01	6	24	2	1	3	8	15.1	−0.9	24.2	32	+1	19	+1	76	0	0	1
MANSÛRA	02	8	30	1	2	5	6	15.0	−0.5	25.8	32	+1	19	+1	70	0	0	0
TANTA	01	8	24	1	1	3	8	15.5	−0.5	23.0	32	+1	17	+1	86	0	0	0
ZAGAZIG	00	6	28	1	0	0	—	15.0	−1.1	24.2	33	+2	18	+2	79	0	0	0
SHEBÎN EL KÔM	00	8	24	1	0	0	—	14.6	−1.3	23.8	35	—	19	—	78	0	0	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	00	0	0	0	—	14.9	−0.6	23.3	34	—	19	—	81	0	dr.	—
CAIRO EZBEKÎYA	05	5	00	0	0	2	8	15.1	−0.4	22.8	34	+3	19	+1	74	0	dr.	0
CAIRO GÎZA	05	6	30	1	0	1	8	15.6	−0.1	23.2	33	+3	17	+1	79	0	dr.	0
HELWÂN	00	6	00	0	0	2	8	15.0	−0.6	23.0	33	+3	19	0	74	0	0	0
SUEZ	00	9	32	1	0	0	—	15.9	+1.3	24.0	34	+2	20	0	72	0	dr.	0
UPPER EGYPT																		
FAIYÛM	00	8	32	2	0	1	8	15.6	+0.1	22.8	34	+2	18	0	76	0	0	0
MINYA	00	9	32	2	0	0	—	15.4	+0.3	24.0	34	+3	19	+1	75	0	dr.	—
ASYÛT	00	7	22	2	0	0	—	15.0	+0.6	23.8	33	+2	20	+1	69	0	0	0
NAG' HAMÂDI	00	8	00	0	0	0	—	14.2	+1.0	24.8	35	—	17	—	58	0	0	—
QENA	00	7	24	2	0	0	—	13.2	+0.1	24.0	38	+2	19	0	68	0	0	—
LUXOR	00	7	28	1	0	0	—	13.6	+0.7	28.0	37	0	20	+1	33	0	0	—
ASWÂN	00	9	32	2	0	0	—	12.4	+0.2	27.0	39	+2	24	+2	29	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	17.6	+0.4	21.0	36	+3	13	−2	81	0	0	0
BAHARÎYA																	0	0
KHÂRGA	00	9	32	3	0	0	—	14.2	+0.4	24.5	36	+1	21	+2	34	0	0	—
DAKHLA	00	8	24	2	0	0	—	15.9	+1.1	23.0	35	+1	21	+3	59	0	0	—
RED SEA																		
TÛR	00	7	28	4	0	0	—	13.1	+0.3	27.5	32	+3	17	−2	48	0	0	0
HURGHÂDA	00	8	28	2	0	0	—	—	—	27.5	32	+1	20	0	49	0	0	0
QUSEIR	00	8	30	2	0	0	—	11.2	−1.3	27.0	33	+2	24	0	30	0	0	0
PORT SÛDÂN	00	8	03	3	0	0	—	10		32					55	0	0	3
NORTH SÛDÂN																		
WÂDI HALFA	00	7	04	2	0	0	—	13		26					30	0	0	—
KAREIMA	00	8	08	3	0	0	—	9		32					16	0	0	0
'ATBARA	00	7	08	2	0	0	—	8		31					31	0	0	0
KHARTÛM	00	8	00	0	0	0	—	8		32					34	0	0	1
KASSALA	00	8	18	2	0	0	—	8		28					58	0	1	2
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	16	3	0	0	—	8?		28					66	0	0	3
RENK	01	9	12	3	1	4	4	8?		26		—		—	79	—	—	12
ROSEIRES	00	8	16	1	0	0	—	12?		26					70	0	3	8
EL OBEID	00	9	16	3	1	2	1	9		26					58	0	1	5
EL FÂSHER	00	8	00	0	0	0	—	—	—	23					41	0	4	2
GENEINA	00	8	00	0	0	0	—	—	—	21		—		—	53	—	—	2
KADUGLI	02	8	28	3	1	7	4	10		23		—		—	94	—	—	40
S. SÛDÂN																		
MALAKÂL	01	8	00	0	1	3	4,1	10		26					79	2	44	31
WÂU																0	50	40
JUBA	01	8	12	2	1	5	4	12		23					94	2	16	32

UPPER WINDS ON 10th — الرياح العليا يوم ١٠

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SAÎD h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI HALFA h. m.	ABU HAMAD h. m.	KAREIMA h. m.	KHARTÛM h. m.
	7	6	8	6	7	7	7	7	7	7	6
	03 32 10	03 32 05	02 30 05	03 01 15	02 33 15	03 36 15	02 36 25	09 04 30	09 05 30	09 05 40	09 16 10
	06 31 15	06 35 05	05 01 15	06 01 30	05 31 15	06 02 30	05 01 20	15 31 30	15 07 20	15 07 40	15 08 20
	09 33 15	09 35 10	08 02 30	09 35 25	10 02 55	09 01 40	10 03 20	21 31 10	21 07 30	21 07 50	21 09 30
	15 32 30	12 36 20	10 02 30	15 36 45	15 33 50	12 01 35	15 02 05	27 19 20	27 07 30	27 10 40	24 09 35
	21 30 25	15 36 20	15 36 40	21 35 35		15 01 35	20 19 05	33 18 25	33 09 20	33 12 50	27 09 35
	24 29 20	21 30 20	17 34 20	27 34 30		18 35 25	25 24 20	39 06 10		39 13 30	30 10 30
	30 31 30	24 30 15		30 34 30							33 10 30
	36 29 45	27 32 10		36 30 30							39 11 35
	39 29 40										

KASSALA h. m.	PORT SÛDÂN h. m.	EL OBEID h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL h. m.
7	6	7		7	7
09 18 05	09 02 00	09 24 20		09 05 20	09 15 15
15 11 20	15 01 35	15 07 05		15 09 35	15 10 10
21 10 30	21 04 35	21 36 15		21 09 35	21 10 20
27 09 35	27 07 25	27 05 20		27 08 45	27 08 20
33 07 00	33 09 25	33 35 00		33 09 60	33 07 20
39 07 05	39 13 25			39 08 40	

CYPRUS SYNOPTIC 8h. ON 10th

34710 01853 26213 12241 60403 00170

34860 01972 32114 12221 82302 00180

UPPER AIR TEMP. ALMÂZA AT 06 h. G.M.T. ON 10th

HEIGHT feet	P.P.P m.b.	T °F	t °F
Surface	1006	70	67
500	989	70	66
1000	970	70	66
1500	952	69	63
2000	935	66	61
4000	869	65	48
6000	806	61	46
8000	747	53	41
10000	692	46	33
12000	640	41	30
14000	591	36	29
16000	545	31	26

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

ANNUAL SUBSCRIPTION P.T. 150

DAILY WEATHER REPORT

Month October 1946 — شهر أكتوبر ١٩٤٦

At 14h. on Thursday 10th — الساعة ١٤ يوم ١٠/١٠

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (DD)	Wind Force (f)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 8-14 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	9	02	3	1	0	—	14.7	26.6	69	0
MARIUT	01	8	27	2	1	4	8	14	28	59	0
ALEXANDRIA	01	9	28	2	2	4	8	14.0	28.2	55	0
DAMIETTA	01	8	02	3	1	3	8	12.8	28.8	63	0
PORT SA'ID	01	8	28	3	1	3	4	13.4	28.6	56	0
EL 'ARÎSH	01	9	28	3	1	3	3	12.7	27.1	57	0
LOWER EGYPT											
DAMANHÛR	01	7	04	3	1	4	8	13.5	28.2	56	0
MANSÛRA	01	8	32	2	2	5	8	13.0	28.8	53	0
ṬANṬA	02	8	28	1	1	5	8	13.0	28.3	56	0
ZAGAZIG	01	6	02	2	1	4	8	13.0	29.8	50	0
SHEBÎN EL KÔM	01	8	30	4	1	4	8	12.8	29.2	45	0
MIDDLE EGYPT											
CAIRO ALMÂZA	01	8	28	2	1	4	8	13.1	28.6	42	0
CAIRO EZBEKÎYA	01	8	22	2	1	5	8	13.1	30.8	42	0
CAIRO GÎZA	01	7	30	2	1	4	8	13.5	28.2	47	0
ḤELWÂN	01	8	32	4	1	3	8	12.8	28.0	44	0
SUEZ	00	9	30	2	1	3	3	13.2	29.0	40	0
UPPER EGYPT											
FAIYÛM	01	8	32	2	1	3	8	11.5	29.3	34	0
MINYA	00	9	32	3	0	0	—	13.4	29.8	50	0
ASYÛṬ	00	7	22	1	0	0	—	12.3	29.1	48	0
NAG' ḤAMÂDI	00	8	24	1	0	0	—	11.2	30.8	32	0
QENA	00	9	24	2	0	0	—	9.6	33.3	34	0
LUXOR	00	7	30	2	0	0	—	10.8	36.0	29	0
ASWÂN	00	9	02	3	0	0	—	10.2	35.7	16	0
WESTERN DESERT											
SÎWA	00	8	00	0	0	0	—	16.7	30.0	56	0
BAḤARÎYA	00	9	00	0	0	0	—	14.3	30.0	36	0
KHÂRGA	00	9	32	4	0	0	—	12.4	23.5	18	0
DAKHLA	00	9	20	2	0	0	—		33.0	37	0
RED SEA											
ṬÛR	00	7	28	4	0	0	—	10.2	29.1	65	0
HURGHÂDA	00	8	32	3	0	0	—	—	30.8	39	0
QUSEIR	00	8	32	2	0	0	—	9.5	31.2	53	0
PORT SÛDÂN	00	8	06	4	0	0	—	7	34	53	
NORTH SÛDÂN											
WÂDI ḤALFA	00	8	32	2	0	0	—	8	37	09	
KAREIMA	00	8	04	2	0	0	—	5	39	12	
'AṬBARA	18	6	06	5	0	0	—	3	41	10	
KHARTÛM	00	8	04	3	0	1	8	3	39	13	
KASSALA	01	8	20	1	0	4	8	3	39	16	
CENTRAL SÛDÂN											
WAD MEDANI	41	8	20	1	1	5	8		36	35	
RENK	01	9	20	3	1	4	8	3	33	50	
ROSEIRES											
EL OBEID	01	9	10	1	1	5	8,1	3	36	34	
EL FÂSHER	01	9	32	4	0	3	8,1	—	35	13	
GENEINA											
KADUGLI	02	8	20	4	1	6	4	6	33	44	
S. SÛDÂN											
MALAKÂL	01	8	16	3	0	4	8,4	5	32	55	
WÂU	01	8	00	0	1	5	8,4	6	31	55	
JUBA	02	8	32	2	1	5	9	6	31	62	

At 20h. on 10th — الساعة ٢٠ يوم ١٠ الخميس ١٠

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (DD)	Wind Force (f)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 14-20 mms	Station Number
SALÛM												130
MATRÛH	00	8	12	1	0	0	—	13.4	23.6	75	0	131
MARIUT	00	7	29	1	1	2	0	14	24	74	0	150
ALEXANDRIA	01	6	28	1	2	4	4	14.6	25.0	68	0	132
DAMIETTA	00	7	28	1	0	1	3	13.2	25.2	64	0	159
PORT SA'ID	01	8	30	4	1	3	8	12.4	24.6	71	0	134
EL 'ARÎSH	01	9	00	0	1	3	3	13.1	24.6	66	0	135
DAMANHÛR	00	7	04	3	0	0	—	12.6	23.4	78	0	136
MANSÛRA	00	6	04	2	1	0	—	13.8	23.6	73	0	137
ṬANṬA	01	6	28	1	1	3	8	13.8	23.0	78	0	138
ZAGAZIG	00	6	32	2	0	0	—	13.4	23.8	78	0	139
SHEBÎN EL KÔM	00	7	30	2	0	0	—	13.2	23.7	76	0	—
CAIRO ALMÂZA	00	7	02	2	0	0	—	13.5	25.1	59	0	141
CAIRO EZBEKÎYA	00	7	26	3	1	2	1	13.5	23.9	65	0	—
CAIRO GÎZA	00	8	32	1	0	0	—	14.2	24.2	69	0	—
ḤELWÂN	00	7	32	2	0	0	—	13.4	26.1	52	0	143
SUEZ	00	9	30	1	0	0	—	13.8	28.2	56	0	144
FAIYÛM	00	8	32	1	0	0	—	13.1	22.8	70	0	153
MINYA	00	9	32	1	0	0	—	13.2	25.9	56	0	154
ASYÛṬ	00	6	30	1	0	0	—	12.4	26.6	52	0	155
NAG' ḤAMÂDI	00	8	00	0	0	0	—	11.4	24.0	71	0	164
QENA	00	6	24	2	0	0	—		21.6	27	0	156
LUXOR	00	6	28	3	0	0	—	11.1	29.4	27	0	157
ASWÂN	00	9	32	1	0	0	—	10.0	31.0	20	0	158
SÎWA	00	—	00	0	0	0	—	15.4	26.1	72	0	148
BAḤARÎYA	00	—	00	0	0	0	—	15.4	25.0	61	0	149
KHÂRGA	00	—	32	1	0	0	—	13.0	28.8	23	0	151
DAKHLA	00	7	24	1	0	0	—	15.6	22.0	57	0	152
ṬÛR	00	7	28	5	0	0	—	10.3	27.4	62	0	145
HURGHÂDA	00	8	28	2	0	0	—	—	27.1	44	0	146
QUSEIR	00	8	30	2	0	0	—	9.4	27.0	48	0	147
PORT SÛDÂN												208
WÂDI ḤALFA												165
KAREIMA												166
'AṬBARA												167
KHARTÛM												209
KASSALA												170
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FÂSHER												175
GENEINA												179
KADUGLI												187
MALAKÂL												176
WÂU												177
JUBA												178

UPPER WINDS ON 10th — الرياح العليا يوم ١٠

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.
12 h.45 m.		13 h. m.		12 h.45 m.	12 h.30 m.		13 h.15 m.	13 h. m.	13 h. m.		13 h. m.		
	03 33 05	03 32 15		03 35 15	03 34 10		09 36 20	09 00 00	09 06 30		09 00 00		
	06 31 15	06 30 15		06 36 20	06 34 15		15 31 10	15 05 02	15 06 35		15 12 05		
	09 30 15	09 30 15		09 35 30	09 35 25		21 21 15	18 02 05	18 06 55				
	15 33 35	15 32 15		15 32 30	15 35 35		27 22 20	21 05 05	21 06 55				
		21 32 30		18 32 25	21 35 15		33 20 40		24 05 30				
		27 31 30		21 31 30			39 29 10		27 07 20				
		30 27 15		30 31 30					30 04 15				
		39 27 30		45 29 45									
		45 28 50											

UPPER WINDS ON 11th — الرياح العليا يوم ١١

PORT SÛDÂN h. m.	EL OBEID h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL h. m.
7 h. m.	7 h. m.	7 h. m.		7 h. m.
09 01 30	09 26 25	09 06 10		09 19 10
15 02 20	15 33 10	15 07 55		15 10 05
21 05 30	21 05 20	21 06 60		21 12 10
27 05 35	27 05 10	27 06 70		27 10 15
33 04 30		33 08 40		33 11 10
				39 12 15

At 8h. on Friday 11th — الساعة ٨ يوم ١١ الجمعة

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (DD)	Wind Force (f)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Temp. Dry Bulb °C (TTT)	Maximum Yesterday °C (MM)	Maximum Diff. from norm. °C	Minimum Today °C (mm)	Minimum Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs. mms	Rainfall Total from Oct. 1 mms	Rainfall Norm from Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				1
MATRÛH	00	9	22	2	0	0	—	11.5	+3.8	28.4	28	+1	21	+2	33	0	85	5
MARIUT	00	8	16	3	0	0	—	12	—	23	28	—	18	—	72	0	85	2
ALEXANDRIA	00	9	16	2	0	0	—	12.7	-3.5	23.6	30	+1	20	0	68	0	85	2
DAMIETTA	00	8	20	1	0	1	8	12.7	-2.5	21.6	29	—	18	—	80	0	85	2
PORT SA'ID	00	8	18	2	0	0	—	13.5	-1.1	24.2	30	+1	21	0	81	0	4	1
EL 'ARÎSH	00	9	00	0	0	2	3	12.8	-2.2	25.6	29	0	21	+3	64	0	0	1
LOWER EGYPT																		
DAMANHÛR	00	6	08	4	0	0	—	13.4	-2.2	23.0	30	-1	17	-1	68	0	0	1
MANSÛRA	00	8	16	1	0	0	—	13.4	-2.2	23.0	31	0	17	+1	76	0	0	1
ṬANṬA	00	8	20	2	0	0	—	13.4	-2.6	24.5	30	-1	17	+1	72	0	0	1
ZAGAZIG	00	6	18	2	0	0	—	13.6	-2.5	24.4	31	0	18	-2	71	0	0	0
SHEBÎN EL KÔM	00	8	12	3	0	0	—	12.7	-3.3	24.3	32	—	19	—	79	0	0	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	00	0	0	0	—	13.3	-2.3	24.8	31	—	18	—	59	0	85	—
CAIRO EZBEKÎYA	05	5	08	1	0	2	4	13.5	-2.1	22.9	31	0	19	+1	71	0	85	0
CAIRO GÎZA	05	6	14	1	0	0	—	14.0	-1.8	24.2	30	0	16	0	72	0	85	1
ḤELWÂN	00	7	00	0	0	0	—	13.9	-1.9	21.2	29	-3	18	0	78	0	0	0
SUEZ	00	9	00	0	0	0	—	14.6	-0.1	25.4	31	-1	18	0	65	0	85	0
UPPER EGYPT																		
FAIYÛM	00	8	00	0	0	0	—	14.2	-1.4	22.2	30	-2	18	0	79	0	0	0
MINYA	00	9	08	1	0	0	—	14.2	-1.0	27.4	31	0	18	-1	56	0	85	—
ASYÛṬ	00	7	22	1	0	0	—	14.2	-0.2	24.7	30	-1	20	+1	63	0	0	0
NAG' ḤAMÂDI	00	8	00	0	0	0	—	13.5	+0.2	24.9	32	-3	17	-2	58	0	0	—
QENA	00	7	24	2	0	0	—	12.8	-0.4	24.6	35	0	20	+1	65	0	0	—
LUXOR	00	7	28	1	0	0	—	12.8	-0.2	28.0	37	—	19	—	33	0	0	—
ASWÂN	00	9	32	2	0	0	—	12.3	0.0	24.8	37	0	22	+3	47	0	0	
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	16.0	-0.3	23.0	34	+5	17	+1	66	0	0	0
BAḤARÎYA	00	9	00	0	0	0	—	14.8	-1.6	26.0	35	+4	20	+4	62	0	0	0
KHÂRGA	00	9	30	1	0	0	—	13.2	-0.7	22.7	34	-1	18	-1	64	0	0	—
DAKHLA	00	8	28	1	0	0	—	14.8	-0.1	23.5	34	0	13	0	63	0	0	—
RED SEA																		
ṬÛR	00	7	04	3	0	0	—			26.5	29	0	21	+2	60	0	0	0
HURGHÂDA	00	8	28	3	0	0	—	—	—	26.4	32	+1	22	+3	52	0	0	0
QUSEIR	00	8	32	6?	0	0	—	10.4	-2.2	27.8	32	+1	24	0	52	0	0	0
PORT SÛDÂN	00	8	04	2	0	3	8	10		31					74	0	0	4
NORTH SÛDÂN																		
WÂDI ḤALFA	00	8	02	2	0	0	—	15		28					44	0	0	—
KAREIMA	00	8	02	2	0	0	—	12		26					34	0	0	0
'AṬBARA	00	8	02	2	0	0	—	8		31					41	0	0	0
KHARTÛM	00	8	24	2	0	0	—	7		29					49	0	0	1
KASSALA																0	1	2
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	24	2	0	0	—	9		28					52	0	0	4
RENK	00	9	16	3	1	0	—			27		—		—	84	—	—	13
ROSEIRES	08	8	20	1	1	2	1	10		24					74	0	3	9
EL OBEID	02	9	24	2	0	5	4	9		26					74	0	1	5
EL FÂSHER	02	8	28	1	1	5	4,5	—	—	22					53	0	4	2
GENEINA								—	—							0	—	3
KADUGLI	00	8	28	3	0	3	1	9		24		—		—	74	—		45
S. SÛDÂN																		
MALAKÂL	00	8	00	0	0	2	4	8		28					74	10	54	34
WÂU	01	8	00	0	1	4	4	9		25					74	0	50	45
JUBA	00	8	12	3	1	2	4	9		25					84	0	16	35

UPPER WINDS ON 11th — الرياح العليا يوم ١١

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛṬ h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI HALFA h. m.	ABU HAMAD h. m.	KAREIMA h. m.	KHARTÛM h. m.
						6 h.30 m.		7 h.30 m.	7 h. m.		6 h.30 m.
		03 22 05				03 01 15		09 03 45	09 06 30		09 29 25
		06 22 10				06 18 15		15 29 35	15 10 30		15 15 20
		09 20 15				09 18 15			21 10 30		21 08 25
		15 22 45				15 21 10			24 09 30		24 08 30
						21 20 10					30 06 35
						30 26 35					
						33 26 25					
						39 26 30					
						42 28 35					

UPPER AIR TEMP. ALMÂZA AT 5h. G.M.T. ON 11th

HEIGHT FEET	P.P.P m.b.	T.T °F	T.T °F
Surface	1005	68	64
500	988	72	62
1000	969	71	61
1500	953	75	55
2000	934	74	56
4000	868	66	51
6000	805	58	46
8000	746	49	38
10000	691	43	29
12000	640	36	25
14000	590	30	25
16000	544	26	22

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	11-10	03 25	6766
	10-10	6053	6881

STATION	Mean of day: Humidity % on 10th	Humidity Diff. from normal	Wet Bulb Temp. °C on 10th	Wet Bulb Temp. Diff. from normal
Alexandria	62	-5	21.3	-0.9
Ezbekîya	64	-2	20.4	+0.8
Gîza	69	+1	20.5	+0.8
Helwân	57	+4	19.8	-1.6

GÎZA — GRASS MINIMUM TEMP. ON 11th 12.3° C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 11th 24.8° C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		13.40	-0.16	13.58	-0.17
Nâsser				11.45	+0.65
Malakâl	10	12.81	+0.54	12.81	+0.55
J. Aulia Res.				377.37	—
J. Aulia D.S				374.32	-0.20
Roseires		16.78	+0.25	16.98	+0.29
Sennar Res.		17.20	—	17.21	—
Khartûm		10.32	-0.07	10.39	-0.08
Kh. el Girba					
'Atbara		13.51	+0.01	13.52	-0.03
Kajnarti		139.64	-0.23	139.81	-0.16
Aswân Res.	11	111.52	—	111.68	—
Aswân D.S		94.15	+0.15	91.35	+0.27
Roda (Cairo)		18.88	+0.44	18.95	+0.53

CYPRUS SYNOPTIC 8h. ON 11th

34710 08962 30202 11241 60XXP 00180

34820 08862 24102 10221 10801 00160

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

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ANNUAL SUBSCRIPTION P.T. 150

DAILY WEATHER REPORT

Month OCTOBER 1946 — شهر أكتوبر ١٩٤٦

At 14h. on FRIDAY 11th (الساعة ١٤ يوم ١١) — At 20h. on 11th (الساعة ٢٠ يوم الجمعة ١١)

Region	Station	14h ww	14h V	14h DD	14h F	14h W	14h N	14h C	14h PPP	14h TTT	14h UU	Rain 8-14 mms	20h ww	20h V	20h DD	20h F	20h W	20h N	20h C	20h PPP	20h TTT	20h UU	Rain 14-20 mms	Station Number
MEDITERRANEAN	SALÛM																							130
	MATRÛH	00	9	30	3	0	0	—	11.1	27.0	77	0	00	8	28	3	0	0	—	12.0	25.2	84	0	131
	MARIUT	18	5	23	4	0	0	—	11	32	36	0	00	7	29	2	0	0	—	11	25	70	0	150
	ALEXANDRIA	05	6	20	1	0	0	—	10.8	29.4	50	0	00	6	28	2	0	0	—	11.9	25.0	74	0	132
	DAMIETTA	00	8	12	2	0	0	—	13.1	29.7	48	0	00	7	14	1	0	0	—	10.6	24.0	82	0	159
	PORT SA'ÎD	00	8	18	2	0	0	—	11.5	30.2	39	0	00	8	14	1	0	0	—	11.0	26.8	72	0	134
	EL 'ARÎSH	00	9	28	3	0	0	—	12.2	27.2	56	0	00	9	00	0	0	0	—					135
LOWER EGYPT	DAMANHÛR	00	7	24	4	0	0	—	11.0	30.6	38	0	00	6	24	3	0	0	—	10.4	25.0	61	0	136
	MANSÛRA	00	8	20	1	0	0	—	11.6	32.0	37	0	00	6	02	1	0	0	—	11.2	26.8	55	0	137
	TANTA	00	8	00	0	0	0	—	10.4	31.8	48	0	00	8	00	0	0	0	—	11.4	23.9	68	0	138
	ZAGAZIG	00	6	30	2	0	0	—	12.7	31.2	45	0	00	6	32	2	0	0	—	11.0	25.6	59	0	139
	SHEBÎN EL KÔM	00	8	00	0	0	0	—	11.2	34.9	25	0	00	7	30	2	0	0	—	10.4	24.9	60	0	—
MIDDLE EGYPT	CAIRO ALMÂZA	00	8	24	3	0	0	—	11.9	34.2	30	0	00	7	00	0	0	0	—	10.7	29.0	29	0	141
	CAIRO EZBEKÎYA	00	9	20	2	0	0	—	10.8	33.8	27	0	00	7	00	0	0	0	—	10.8	27.4	44	0	—
	CAIRO GÎZA	00	7	22	3	0	0	—	11.1	34.8	31	0	00	8	00	0	0	0	—	11.4	22.6	60	0	—
	HELWÂN	00	8	18	1	0	0	—	11.4	32.6	26	0	00	7	00	0	0	0	—	11.1	27.7	37	0	143
	SUEZ	00	9	14	1	0	0	—	12.6	29.0	52	0	00	9	00	0	0	0	—	11.8	25.4	62	0	144
UPPER EGYPT	FAIYÛM	00	8	00	0	0	0	—	12.7	34.0	30	0	00	8	00	0	0	0	—	11.2	24.1	69	0	153
	MINYA	00	9	32	2	0	0	—	11.9	32.5	29	0	00	9	32	1	0	0	—	12.4	29.2	41	0	154
	ASYÛT	00	8	20	1	0	0	—	11.6	30.8	38	0	00	6	26	1	0	0	—	12.3	26.3	41	0	155
	NAG' HAMÂDI	00	8	24	1	0	0	—	9.6	30.4	33	0	00	8	00	0	0	0	—	10.8	24.6	63	0	164
	QENA	00	9	24	2	0	0	—	8.7	35.0	24	0	00	6	24	1	0	0	—	9.6	26.4	58	0	156
	LUXOR	00	7	30	2	0	0	—	9.8	36.0	36	0	00	6	28	1	0	0	—	10.2	24.8	42	0	157
	ASWÂN	00	9	32	2	0	0	—	8.8	35.0	19	0	00	9	32	1	0	0	—	9.4	31.4	10	0	158
WESTERN DESERT	SÎWA	00	8	00	0	0	0	—	14.3	36.0	47	0	00	—	00	0	0	0	—	12.4	26.0	65	0	148
	BAHARÎYA																							149
	KHÂRGA	00	9	28	2	0	0	—	8.7	33.2	21	0	00	—	04	1	0	0	—	11.6	28.0	30	0	151
	DAKHLA	00	9	28	2	0	0	—	10.3	32.0	38	0	00	8	28	2	0	0	—		23.6	62	0	152
RED SEA	TÔR	00	7	28	4	0	0	—	11.1	27.8	69	0	00	7	28	4	0	0	—	8.8	29.1	53	0	145
	HURGHÂDA	00	8	32	2	0	0	—	—	28.6	51	0	00	8	28	2	0	0	—	—	26.1	52	0	146
	QUSEIR	00	8	32	4	0	0	—	10.6	30.2	53	0	00	8	30	2	0	0	—	10.3	27.3	45	0	147
	PORT SÛDÂN	00	8	04	3	0	0	—	8	32	67													168
NORTH SÛDÂN	WÂDI HALFA	00	8	02	2	0	0	—	9	34	08													165
	KAREIMA	00	8	04	2	0	0	—	6	40	11													166
	'ATBARA	00	8	10	3	0	0	—	3	39	14													167
	KHARTÛM	00	8	04	3	0	2	8	3	39	16													169
	KASSALA	00	8	20	1	1	0	—	2	38	10													170
CENTRAL SÛDÂN	WAD MEDANI	01	8	16	3	0	3	8	3	37	27													171
	RENK	01	9	20	3	1	4	8		34	47													182
	ROSEIRES	01	8	20	1	1	4	8	5	37	37													172
	EL OBEID	01	9	12	3	1	3	8	3	36	31													174
	EL FÂSHER	01	8	06	3	1	4	2	—	36														175
	GENEINA	01	7	04	3	1	4	4	—	33	23													179
	KADUGLI	02	8	04	3	1	5	9	5	34	47													187
S. SÛDÂN	MALAKÂL	01	8	10	1	1	4	8	5	34	53													176
	WÂU	01	8	00	0	1	4	9	4	32	49													177
	JUBA	01	8	04	2	1	4	8	4	34	41													178

UPPER WINDS ON 11th (الرياح العليا يوم ١١)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	12h.45m.	13h. m.	12h.45m.	12h.45m.	12h.30m.	h. m.	13h.15m.	12h.15m.	13h. m.	13h. m.	13h. m.	13h. m.	12h.30m.
—	03 25 60	03 22 10	03 33 15	03 23 15	03 35 15		09 02 20	09 07 30	09 07 25	09 22 05	09 01 05	09 20 15	09 06 05
	06 26 40	06 27 15	06 34 20	06 34 10	06 36 15		15 27 25	15 07 20	15 07 20	15 36 05	15 06 05	15 16 05	15 08 05
		09 29 20	09 27 10	09 01 15	09 36 20		21 24 30	21 07 20	21 07 20	21 05 05	18 07 15	21 12 05	21 12 05
		15 29 35	15 30 40	15 01 20	15 35 25		27 21 25	27 10 15	24 07 20	27 13 05		27 07 05	27 08 20
			21 29 40	21 35 40	21 35 30		33 21 20	33 11 10	27 07 30	33 13 15		33 08 05	33 11 20
			27 32 35	27 34 35	27 27 20		39 26 25	39 12 10	30 07 15	39 09 10			39 12 40
			30 30 30	30 36 30	30 28 20				39 02 20				45 13 25
				45 27 35									

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	12th	6151	6766
	11th	6395	6766

STATION	Mean of day: Humidity % on 11th	Diff from normal	Wet bulb temp °C on 11th	Diff from normal
Alexandria	69	+2	21.1	+0.7
Ezbekiya	52	-14	20.0	+0.4
Giza	60	-8	20.7	+1.0
Helwân	52	-1	19.1	+0.9

GÎZA — GRASS MINIMUM TEMP. ON 12th 12.5° C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON 12th 24.9° C

GAUGE	Date	Reading	Diff from normal	Previous day Reading	Previous day Diff. from normal
	1946	m.	m.	m.	m.
Jûba				13.40	-0.36
Nâsser					
Malakâl				12.81	+0.54
J. Aulia Res.					
J. Aulia D.S					
Roseires	12th			16.28	+0.25
Sennar Res.				17.20	—
Khartûm				14.32	-0.07
Kh. el Girba					
'Atbara				13.51	+0.01
Kajnarti		139.52	-0.26	139.64	-0.23
Aswân Res.		111.40	—	111.52	—
Aswân D.S		90.95	0.00	91.15	+0.15
Roda (Cairo)		18.83	+0.38	18.88	+0.44

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on SATURDAY 12th (الساعة ٨ يوم السبت ١٢)

Region	Station	ww	V	DD	F	W	N	C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max Yesterday °C	Max Diff. from norm °C	Min Today °C	Min Diff from norm °C	% Humidity	Rain Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct 1 mms
MEDITERRANEAN	SALÛM												—		—				1
	MATRÛH	00	9	20	1	0	0	—	12.8	-3.6	24.6	32	+5	20	+1	82	0	tr.	5
	MARIUT	01	7	26	3	0	3	8	12		29	33	—	22	—	66	0	dr.	2
	ALEXANDRIA	01	9	28	3	1	4	8	12.8	-3.5	26.0	31	+2	23	+3	72	0	dr.	2
	DAMIETTA	00	8	18	2	0	2	8	11.4	-3.9	23.0	32	—	18	—	85	0	dr.	2
	PORT SA'ÎD	00	8	22	3	0	0	—	12.0	-2.7	25.3	31	+2	22	+2	78	0	4	1
	EL 'ARÎSH	00	9	20	1	0	0	—	11.1	-4.0	25.3	30	+1	21	+3	66	0	0	1
LOWER EGYPT	DAMANHÛR	00	6	24	2	0	0	—	12.3	-3.8	22.8	34	+2	19	+3	84	0	0	1
	MANSÛRA	00	8	04	1	0	0	—	12.4	-3.3	24.8	34	+3	18	0	76	0	0	1
	TANTA	00	8	00	0	0	0	—	12.8	-3.3	24.0	32	+1	17	+1	83	0	0	1
	ZAGAZIG	00	6	32	2	0	0	—	13.5	-2.7	25.4	33	+2	18	+2	79	0	0	0
	SHEBÎN EL KÔM	00	8	22	2	0	0	—	13.1	-2.9	21.6	36	—	19	—	87	0	0	—
MIDDLE EGYPT	CAIRO ALMAZA	00	7	00	0	1	0	—	12.9	-2.8	25.2	35	—	20	—	67	0	dr.	—
	CAIRO EZBEKÎYA	05	5	00	0	1	4	8	13.2	-2.5	23.1	36	+5	19	+1	78	0	dr.	0
	CAIRO GÎZA	05	6	00	0	1	1	8	13.4	-2.5	25.5	35	+5	16	0	71	0	dr.	1
	HELWÂN	01	6	00	0	0	3	0	13.6	-2.1	22.5	33	+3	19	0	64	0	0	0
	SUEZ	00	9	30	2	0	0	—	12.6	-1.2	24.8	32	+1	18	-2	68	0	dr.	0
UPPER EGYPT	FAIYÛM	00	8	00	0	0	0	—	13.2	-2.5	22.2	35	+3	17	-1	63	0	0	0
	MINYA	00	9	16	1	0	0	—	13.2	-2.1	25.6	33	+3	19	+1	50	0	dr.	—
	ASYÛT	00	7	00	0	0	0	—	13.5	-1.0	26.2	32	+1	19	0	47	0	0	0
	NAG' HAMÂDI	00	8	00	0	0	0	—	12.7	-0.7	25.8	33	—	17	—	57	0	0	—
	QENA	00	7	28	2	2	0	—	12.0	-1.3	23.8	36	+1	19	0	61	0	0	—
	LUXOR	00	7	10	1	0	0	—	13.2	+0.1	25.0	36	-1	18	-1	61	0	0	—
	ASWÂN	00	9	32	1	0	0	—	12.0	-0.4	27.0	36	-1	20	-2	33	0	0	—
WESTERN DESERT	SÎWA	00	—	00	0	0	0	—	14.0	-3.3	20.8	36	+3	17	+2	69	0	0	0
	BAHARÎYA	00	9	00	0	0	0	—	13.8	-2.5	26.0	35	+4	21	+5	48	0	0	0
	KHÂRGA	00	9	00	0	0	0	—	13.1	-0.9	22.0	34	-1	18	-1	46	0	0	—
	DÂKHLA	00	8	28	2	0	0	—	14.2	-0.8	26.0	33	-1	18	0	48	0	0	—
RED SEA	TÔR	00	7	28	3	0	0	—	11.2	-1.7	25.7	30	+1	20	+1	56	0	0	0
	HURGHÂDA	00	8	26	1	0	0	—	—	—	27.8	30	-1	20	0	33	0	0	0
	QUSEIR	00	8	28	2	0	0	—	10.7	-2.0	27.2	32	+1	23	-1	31	0	0	0
	PORT SÛDÂN	01	8	28	3	0	3	6	10		29					70	0	0	4
NORTH SÛDÂN	WÂDI HALFA	00	8	04	1	0	0	—	11		24					30	0	0	—
	KAREIMA	00	8	04	1	0	0	—	8		29					20	0	0	0
	'ATBARA	00	8	04	3	0	0	—	9		30					16	0	0	0
	KHARTÛM	00	8	00	0	0	1	1	5		30					33	0	0	1
	KASSALA	00	8	14	3	0	0	—	6		29					52	0	1	3
CENTRAL SÛDÂN	WAD MEDANI	00	9	20	1	0	2	1	6		28					58	0	0	4
	RENK	01	9	18	3	1	4	3	7		28		—		—	74	—	—	15
	ROSEIRES	00	8	16	1	0	2	1			27					66	0	3	10
	EL OBEID	02	8	24	3	1	8	2	7		27					58	0	1	6
	EL FÂSHER	02	8	30	1	1	6	4,2	—	—	19					88	0	4	3
	GENEINA	01	8	00	0	1	4	4,1	—	—	20		—		—	56	—	—	3
	KADUGLI	02	8	28	2	1	6	4	10		24		—		—	84	—	—	50
S. SÛDÂN	MALAKÂL	01	8	24	1	1	5	4	9		26					84	0	54	38
	WÂU	02	8	18	2	1	6	4,2	9		23					89	2	52	50
	JUBA	62	8	26	2	6	8	6,5	12		20					94	19	35	38

UPPER WINDS ON 12th (الرياح العليا يوم ١٢)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	7h.15m.	8h.45m.	h. m.	7h. m.	h. m.	7h. m.	7h. m.	8h.15m.	7h. m.	6h.30m.
		03 30 25	02 34 10		02 23 05		02 01 10	09 05 35	09 04 30	09 06 35	09 11 30
		06 30 30	05 31 10		05 30 05		05 03 40	15 30 25	15 05 20	15 07 35	15 11 30
		09 30 20	08 31 20		10 31 10		10 04 40	21 26 35	21 06 25	21 10 30	21 06 15
			10 31 30		15 26 10		15 24 30	27 23 20		27 11 35	24 04 10
			15 33 50				20 23 35	33 20 40		33 09 35	30 03 10
			20 33 55				25 23 20	39 21 10		39 09 35	
			23 23 55				30 24 15				
			25 34 60								

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6h.30m.	7h. m.	7h. m.	7h. m.	7h. m.	h. m.
09 17 10	09 06 15	09 27 30	09 34 05	09 17 05	
15 13 10	15 10 20	15 27 30	15 07 20	15 09 35	
21 04 20	21 07 30	21 03 15	21 07 40	21 10 40	
	27 08 35	27 04 20	27 10 30	27 11 40	
		33 05 15		33 12 35	
				39 11 25	

CYPRUS SYNOPTIC 8h. ON 12th

34710 01853 22413 07221 40500 17201
34850 01863 57413 06221 10406 00170

UPPER AIR TEMP. ALMÂZA AT 6h. G.M.T. ON 12th

HEIGHT FEET	P.P.P. m.b.	TT °F	tt °F
Surface	1013	70	65
500	994	70	67
1000	977	65	66
1500	959	71	57
2000	942	71	54
4000	875	66	51
6000	812	59	49
8000	753	50	42
10000	697	41	34
12000	645	35	27
14000	596	28	23
16000	549	21	18

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

ANNUAL SUBSCRIPTION P.T. 150

Sunset 17 27 — Month OCTOBER 1946

DAILY WEATHER REPORT

شهر أكتوبر ١٩٤٦

At 14h. and 20h. on SATURDAY 12th — الساعة ١٤ يوم ، الساعة ٢٠ يوم السبت ١٢

Station	14h Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station number
Mediterranean																							
Salûm																							130
Matrûh	00	9	04	3	0	0	—	12.0	36.6	80	0	00	8	04	3	0	0	—	11.5	24.6	82	0	131
Mariut	00	8	28	2	0	3	8	12	28	62	0	00	7	00	0	0	0	—	12	22	83	0	150
Alexandria	01	9	28	2	2	4	8	13.0	28.2	57	0	00	6	02	2	0	0	—	13.1	24.0	67	0	132
Damietta	00	8	26	2	0	0	—	11.0	27.0	67	0	00	7	28	2	0	0	—	11.8	23.8	72	0	159
Port Sa'îd	14	7	26	5	3	0	—	11.1	29.0	65	0	00	7	30	4	0	0	—	13.1	23.8	78	0	134
El 'Arîsh												00	9	28	2	0	0	—	13.8	25.1	74	0	135
Lower Egypt																							
Damanhûr	00	7	28	3	0	3	8	11.2	30.8	43	0	00	7	32	3	0	0	—	12.3	22.4	77	0	136
Mansûra	01	8	30	2	1	4	8	11.1	31.5	48	0	00	6	32	2	1	0	—	13.2	22.6	81	0	137
Tanta	00	8	24	2	0	0	—	11.6	31.0	50	0	00	8	24	3	0	0	—	12.8	23.0	76	0	138
Zagazig	00	6	24	2	0	0	—	11.5	31.8	49	0	00	6	32	2	0	0	—	12.8	24.8	73	0	139
Shebîn el Kôm	00	8	22	4	0	0	—	11.0	33.2	42	0	00	7	30	2	0	0	—	12.3	23.7	77	0	—
Middle Egypt																							
Cairo: Almâza	00	8	27	1	0	0	—	11.3	32.0	38	0	00	7	02	2	0	0	—	13.6	25.1	59	0	141
Cairo: Ezbekîya	00	8	22	2	0	0	—	11.4	31.6	43	0	00	6	26	3	0	1	1	12.8	26.6	71	0	—
Cairo: Gîza	00	7	28	1	0	0	—	11.6	31.9	40	0	00	8	02	3	0	1	4	13.0	26.1	67	0	—
Helwân	00	8	26	1	0	0	—	10.8	30.7	34	0	00	6	02	1	0	1	1	12.4	27.0	50	0	143
Suez	00	9	12	1	0	0	—	11.3	31.8	46	0	00	9	32	2	0	0	—	13.4	26.0	72	0	144
Upper Egypt																							
Faiyûm	00	8	00	0	0	0	—	11.1	32.0	36	0	00	8	00	0	0	0	—	11.9	25.1	64	0	153
Minya	00	9	32	2	0	0	—	11.5	34.0	27	0	00	9	02	1	0	0	—	11.4	29.5	24	0	154
Asyût	00	8	20	1	0	0	—	10.7	32.0	32	0	00	6	26	1	0	0	—	11.6	27.5	41	0	155
Nag' Hamâdi	00	8	24	1	0	0	—	9.6	33.3	35	0	00	8	00	0	0	0	—	10.3	25.1	60	0	164
Qena	00	9	24	1	0	0	—	9.0	36.8	35	0	00	6	24	1	0	0	—	9.2	27.4	42	0	156
Luxor	00	7	10	2	0	0	—	10.0	36.0	29	0	00	6	28	1	0	0	—	10.3	25.4	39	0	157
Aswân	00	9	30	2	0	0	—	8.4	35.3	11	0	00	9	32	2	0	0	—	8.4	25.3	46	0	158
Western Desert																							
Sîwa	00	8	22	3	0	0	—	13.2	36.1	45	0	00	—	00	0	0	0	—	12.2	27.6	59	0	148
Baharîya	00	9	00	0	0	0	—	13.6	35.0	37	0												149
Khârga	00	9	20	1	0	0	—	11.1	34.8	14?	0	00	—	32	1	0	0	—	11.4	29.2	28	0	151
Dakhla	00	9	28	2	0	0	—	10.0?	32.0	38	0	00	7	24	1	0	0	—		25.5	49	0	152
Red Sea																							
Tôr	00	7	28	4	0	0	—	11.9	31.3	55	0	00	7	28	5	0	0	—	10.2	31.5	39	0	145
Hurghâda	00	8	04	2	0	0	—	—	31.3	32	0	00	8	28	2	0	0	—	—	28.6	32	0	146
Quseir	00	8	02	2	0	0	—	10.0	32.3	42	0	00	8	32	2	0	0	—	10.4	27.8	45	0	147
Port Sudân	00	8	42	4	0	0	—	8	32	63													268
North Sûdân																							
Wâdi Halfa	00	6	02	2	0	0	—	7	37	10													165
Kareima																							166
'Atbara	12	7	32	4	0	0	—	2	39	12													167
Khartûm	02	6	04	3	1	5	8,1	2	39	17													269
Kassala	01	8	00	0	1	4	8	1	39	21													170
Central Sûdân																							
Wad Medani																							171
Renk	01	9	16	3	1	4	8	1	35	44													182
Roseires	10	7	20	2	1	6	9	3	36	40													172
El Obeid	02	4	24	2	1	8	8,2	2	36	29													174
El Fâsher	02	8	32	2	1	6	4	—	37	11													175
Geneina								—															179
Kadugli	02	8	28	3	1	5	9	5	33	53													187
S. Sûdân																							
Malakâl	02	8	16	4	1	8	6,4	7	29	23													176
Wâu	02	8	20	1	1	8	8,2	6	31	55													177
Juba	02	8	28	2	6	7	4,1	8	28	66													178

UPPER WINDS ON 12th — الرياح العليا يوم ١٢

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh h. m.	Mariut h. m.	Port Sa'îd h. m.	Almâza h. m.	Minya h. m.	Luxor h. m.	Hurghâda h. m.	Wâdi Halfa 13 h. 30 m.	Kareima h. m.	Khartûm 13 h. m.	Kassala 13 h. m.	El Obeid 13 h. m.	Malakal h. m.	Juba h. m.
							09 03 20		09 05 15	09 27 05	09 26 25		
							15 26 15		15 04 25	15 18 05	15 29 25		
							21 29 30		21 06 30	21 14 05	21 30 20		
							27 26 25		24 07 20	27 09 05	27 29 15		
							30 26 25		27 07 20		33 24 05		
											39 17 25		

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 12th	Diff from normal	Wet bulb temp °C on 12th	Diff from normal
Alexandria	67	0	21.7	+0.4?
Ezbekîya	66	+2	21.7	+2.2
Gîza	63	-5	22.0	+2.4
Helwân	51	-2	19.5	+1.4

GÎZA — Grass minimum temp. on 13th 14.6° C

CAIRO — Water temp. River Nile at 9h. on 13th 25.1° C

Discharges at Aswân measured by sluices m³ per sec.	1946	1945
Date 13th	5890	6766
12th	6151	6766

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser					
Malakâl				12.81	+0.54
J. Aulia Res.				377.37	—
J. Aulia D.S				374.44	-0.14
Roseires	13th			16.78	+0.31
Sennar Res.				17.20	—
Khartûm				14.26	-0.07
Kh. el Girba					
'Atbara				13.47	+0.07
Kajnarti		139.43	-0.26	139.52	-0.26
Aswân Res.		111.31	—	111.40	—
Aswân D.S		90.75	-0.14	90.93	0.00
Roda (Cairo)		18.66	+0.42	18.83	+0.38

Printed by the Survey of Egypt, 1945. (45/306)

At 8h. on SUNDAY 13th — الساعة ٨ يوم الأحد ١٣

Station	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry bulb °C TTT	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Mediterranean																		
Salûm												—		—				1
Matrûh	18	7	20	4	3	5	9	7.8	-8.7	27.6	28	+1	21	+2	34	0	tr.	6
Mariut	10	7	16	3	0	0	—	9		25	29	—	19	—	84	0	dr.	2
Alexandria	00	9	12	2	0	0	—	9.9	-6.5	26.0	29	0	21	+1	55	0	dr.	2
Damietta	00	8	12	2	0	0	—	10.3	-5.1	24.4	28	—	17	—	79	0	dr.	2
Port Sa'îd	14	7	18	5	3	0	—	11.2	-3.6	24.4	31	+2	21	0	75	0	4	1
El 'Arîsh	05	6	12	4	0	0	—	11.5	-3.6	26.3	29	0	22	+4	68	0	0	1
Lower Egypt																		
Damanhûr	00	7	20	3	0	0	—	10.0	-6.2	23.6	32	+2	19	+2	73	0	0	1
Mansûra	00	8	16	1	0	0	—	10.8	-4.9	25.0	32	+1	18	0	70	0	0	1
Tanta	00	8	16	1	0	0	—	11.2	-5.0	25.0	31	0	18	+2	68	0	0	1
Zagazig	00	6	18	2	0	0	—	11.5	-4.8	25.8	33	+2	20	+4	65	0	0	0
Shebîn el Kôm	00	8	14	2	0	0	—	10.4	-5.7	24.2	34	—	19	—	67	0	0	—
Middle Egypt																		
Cairo: Almaza	00	7	18	2	0	0	—	10.9	-4.9	28.0	31	—	21	—	34	0	dr.	—
Cairo: Ezbekîya	05	6	18	3	0	0	—	11.8	-4.0	24.5	33	+2	21	+3	64	0	dr.	0
Cairo: Gîza	05	6	18	2	0	0	—	11.9	-4.0	26.3	33	+3	18	+2	58	0	dr.	1
Helwân	05	5	00	0	0	0	—	12.0	-3.8	23.1	32	+2	20	+2	65	0	0	0
Suez	00	9	12	1	0	0	—	11.7	-3.1	27.0	35	+4	20	+1	74	0	dr.	0
Upper Egypt																		
Faiyûm	00	8	18	2	0	0	—	12.2	-3.6	22.8	34	+2	19	+1	64	0	0	0
Minya	00	9	16	1	0	0	—	12.3	-3.1	28.0	35	+5	19	+1	44	0	dr.	—
Asyût	00	7	00	0	0	0	—	12.6	-2.0	26.5	33	+2	20	+2	46	0	0	0
Nag' Hamâdi	00	8	00	0	0	0	—	12.2	-1.3	26.3	35	—	17	—	60	0	0	—
Qena	00	7	30	2	0	0	—	11.9	-1.4	24.0	38	+3	19	0	51	0	0	—
Luxor	00	7	28	1	0	0	—	12.8	-0.4	27.8	37	[illegible]	19	[illegible]	22	0	0	—
Aswân	00	9	02	1	0	0	—	11.2	-1.3	25.8	37	0	21	-1	31	0	0	—
Western Desert																		
Sîwa	00	7	00	0	0	0	—	10.8	-6.6	26.0	36	+3	15	0	69	0	0	0
Baharîya																	0	0
Khârga	00	9	32	1	0	0	—	12.4	-1.7	26.2	35	0	22	+3	40	0	0	—
Dâkhla	00	8	20	1	0	0	—	12.8	-2.3	23.0	34	0	18	0	52	0	0	—
Red Sea																		
Tôr	00	7	28	3	0	0	—	11.1	-2.0	22.9	32	+3	19	0	39	0	0	0
Hurghâda	00	8	26	1	0	0	—	—	—	27.4	33	+2	19	-1	45	0	0	0
Quseir	00	8	30	3	0	0	—	10.6	-2.2	28.2	34	+3	24	0	44	0	0	0
Port Sûdân	02	8	30	2	1	5	2	10		31					46	0	0	5
North Sûdân																		
Wâdi Halfa	00	8	04	1	0	0	—	10		24					34	0	0	—
Kareima	00	8	06	1	0	0	—	8		31					24	0	0	0
'Atbara	01	8	04	3	1	4	4,1	8		31					22	0	0	0
Khartûm	02	8	00	0	2	8	1	7		29					49	0	0	1
Kassala	01	8	14	3	0	3	3	9		27					66	0	1	3
Central Sûdân																		
Wad Medani	02	9	16	5	1	7	1	10		24					74	0	0	4
Renk	02	8	16	3	2	6	9	10		24		—		—	84	—	—	16
Roseires																1	4	11
El Obeid	02	9	24	2	1	5	4	9		24					74	0	1	6
El Fâsher	02	8	00	0	1	8	2	—	—	22					38	0	4	3
Geneina	01	8	00	0	1	5	4,1	—	—	20		—		—	73	—	—	3
Kadugli	02	8	12	3	1	5	9	10		26		—		—	70	—	—	54
S. Sûdân																		
Malakâl	02	8	14	3	8	7	4,5	12		24					84	tr.	54	41
Wâu	02	8	00	0	1	6	4,2	11		23					84	0	52	55
Juba	02	8	20	1	6	8	6,4	13		22					69	6	41	41

UPPER WINDS ON 13th — الرياح العليا يوم ١٣

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh h. m.	Mariut 7 h. m.	Port Sa'îd h. m.	Helwân 7 h. m.	Minya h. m.	Asyût h. m.	Luxor h. m.	Aswân 7 h. m.	Wâdi Halfa 7 h. 15 m.	Abu Hamad 7 h. m.	Kareima 7 h. m.	Khartûm 6 h. m.
	03 21 60		02 16 10				02 02 10	09 07 15	09 08 30	09 05 45	09 19 20
	06 22 50		05 18 30				05 04 25	15 33 05	15 05 20	15 04 35	15 04 25
	09 23 40		10 21 20				10 08 25	21 27 05	21 05 20	21 01 15	21 01 20
	12 23 05?		15 20 15				15 06 15	27 23 05	27 04 30	27 03 30	24 02 15
	15 23 35		20 20 10				20 19 10	33 26 20		33 03 20	27 12 10
	18 34 45		25 23 15					39 19 10		39 02 20	30 25 10
	21 25 35		30 34 15								39 27 05
	24 29 30		40 33 35								

Kassala 7 h. m.	Port Sûdân 7 h. m.	El Obeid 7 h. m.	El Fâsher 7 h. 45 m.	Geneina 7 h. m.	Malakal 7 h. m.
09 19 35	09 05 20	09 29 15	09 13 20	09 33 05	09 02 45
15 16 20	15 09 30	15 02 15	15 09 30	15 03 15	15 01 30
21 14 30	21 08 30	21 06 30	21 06 35	21 07 25	21 32 30
27 12 15	27 11 40	27 06 20	24 05 30	27 09 50	27 33 20
33 12 20	30 10 35	30 05 15		33 10 40	33 32 15
		39 05 05		39 13 35	39 10 05

Upper air temp. Almâza at 6 4. G.M.T. on 13th

Height feet	P.P.P m.b.	TT °F	tt °F
Surface	1002	77	65
500	984	83	57
1000	966	83	63
1500	949	82	61
2000	932	80	59
4000	865	71	54
6000	803	61	46
8000	744	52	39
10000	689	45	32
12000	637	37	29
14000	589	29	26
16000	543	23	18

Cyprus synoptic 8h. on 13th
34710 00961 26201 10221 50400 00150
34800 00990 00000 10191 36206 00160

ANNUAL SUBSCRIPTION P.T. 150

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 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 AMOUNT (N)

- Clear 0
- Trace 1
- 1 Tenth 2
- 2, 3 Tenths 3
- 4, 5, 6 Tenths 4
- 7, 8 Tenths 5
- 9 Tenths 6
- Over 9 Tenths 7
- Overcast 8
- Fog or Dust 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.

Sunset 17 26

Month October 1946

DAILY WEATHER REPORT

١٩٤٦ شهر أكتوبر

At 14h. on Sunday 13th — الساعة ١٤ يوم ١٣/١٠

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 8-14 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	30	0	22	5	3	9	—	4.8	36.0	—	0
MARIUT	18	5	21	4	0	0	—	7	37	14	0
ALEXANDRIA	33	3	20	4	3	9	—	7.0	34.5	29	0
DAMIETTA	00	8	18	2	0	0	—	8.6	34.9	15	0
PORT SA'ÎD	00	8	22	3	0	0	—	9.1	34.9	24	0
EL 'ARÎSH	00	9	32	2	0	0	—	9.6	36.9	20	0
LOWER EGYPT											
DAMANHÛR	18	5	20	5	3	0	—	7.8	36.3	17	0
MANSÛRA	00	8	16	3	0	0	—	8.8	35.5	28	0
TANTA	00	8	20	3	0	0	—	9.1	34.6	23	0
ZAGAZIG	00	6	18	3	0	0	—	11.1	34.8	27	0
SHEBÎN EL KÔM	00	8	14	4	0	0	—	9.0	36.8	18	0
MIDDLE EGYPT — CAIRO ALMÂZA	00	8	20	2	0	0	—	9	37	14	0
CAIRO EZBEKÎYA	00	8	18	4	0	0	—	9.2	36.3	21	0
CAIRO GÎZA	00	7	18	2	0	0	—	9.6	36.6	20	0
HELWÂN	00	8	20	1	0	0	—	9.5	35.0	15	0
SUEZ	00	9	12	1	0	0	—	10.2	31.8	38	0
UPPER EGYPT											
FAIYÛM	00	8	26	1	0	0	—	8.8	36.8	20	0
MINYA	00	9	16	2	0	0	—	9.5	36.9	24	0
ASYÛT	00	8	12	1	0	0	—	9.2	33.1	39	0
NAG' HAMÂDI	00	8	00	0	0	0	—	11.5	35.9	28	0
QENA	00	9	24	2	0	0	—	8.2	35.2	41	0
LUXOR	00	7	26	1	0	0	—	8.8	36.0	31	0
ASWÂN	00	9	28	1	0	0	—	7.6	36.8	10	0
WESTERN DESERT											
SÎWA	00	8	22	4	0	0	—	9.2	37.2	38	0
BAHARÎYA	00	9	00	0	0	0	—		35.5	35	0
KHÂRGA	00	9	28	1	0	0	—	8.7	36.2	18	0
DAKHLA	00	9	20	1	0	0	—	8.4	33.0	32	0
RED SEA											
TÔR	00	7	28	3	0	0	—	10.0	31.2	56	0
HURGHÂDA											
QUSEIR	00	8	32	3	0	0	—	9.5	32.0	50	0
PORT SÛDÂN	00	8	08	4	0	1	6	8	32	59	
NORTH SÛDÂN											
WÂDI HALFA	00	8	02	1	0	1	1	6	37	11	—
KAREIMA	00	8	00	0	0	3	2	5	39	28	
'ATBARA	01	8	24	3	1	4	2,2	3	38	21	
KHARTÛM	02	8	18	3	2	7	8	4	36	31	
KASSALA	01	8	16	2	1	4	8	4	37	33	
CENTRAL SÛDÂN											
WAD MEDANI	02	8	18	4	1	7	1	4	36	31	
RENK	01	7	20	3	1	4	8	6	31	59	
ROSEIRES											
EL OBEID	02	9	00	0	1	5	8,1	3	34	32	
EL FÂSHER											
GENEINA											
KADUGLI	02	8	12	3	1	5	9	8	30	69	
S. SÛDÂN											
MALAKÂL	02	8	12	3	1	5	8,4	8	31	55	
WÂU											
JUBA	02	8	28	2	1	5	8	8	30	55	

At 20h. on 13th — الساعة ٢٠ يوم ١٣/١٠ أحد

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 14-20 mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	8	20	4	3	0	—	4.0	30.6	16	0	131
MARIUT	00	7	00	0	0	0	—				0	150
ALEXANDRIA	00	6	20	3	0	0	—	7.5	28.4	41	0	132
DAMIETTA	00	7	14	1	0	0	—	8.0	25.8	53	0	159
PORT SA'ÎD	00	8	14	2	0	0	—	8.6	26.8	68	0	134
EL 'ARÎSH	00	9	00	0	0	0	—	9.6	24.3	80	0	135
LOWER EGYPT												
DAMANHÛR	00	6	20	3	1	0	—	7.5	29.0	31	0	136
MANSÛRA	00	6	28	1	0	0	—	8.2	27.0	43	0	137
TANTA	01	8	16	1	1	3	8	8.7	28.1	44	0	138
ZAGAZIG	00	6	16	1	0	0	—	8.8	26.8	49	0	139
SHEBÎN EL KÔM	00	7	14	2	0	0	—	8.8	28.6	32	0	—
MIDDLE EGYPT — CAIRO ALMÂZA	00	7	15	2	0	0	—	9.5	27.0	24	0	141
CAIRO EZBEKÎYA	00	7	00	0	0	0	—	9.0	28.0	31	0	—
CAIRO GÎZA	00	8	00	0	0	0	—	9.2	24.9	45	0	—
HELWÂN	00	7	00	0	0	0	—	9.1	29.0	19	0	143
SUEZ	01	9	12	1	1	4	—	8.3	26.0	55	0	144
UPPER EGYPT												
FAIYÛM	00	8	00	0	0	0	—	8.6	24.0	67	0	153
MINYA	00	9	32	1	0	0	—	8.8	28.0	44	0	154
ASYÛT	00	6	00	0	0	0	—	9.6	24.4	57	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	9.1	22.6	61	0	164
QENA	00	6	24	1	0	0	—	8.4	26.4	52	0	156
LUXOR	00	7	28	1	0	0	—	9.1	25.8	31	0	157
ASWÂN	00	9	00	0	0	0	—	8.3	32.0	17	0	158
WESTERN DESERT												
SÎWA	00	—	00	0	0	0	—	7.6	29.6	63	0	148
BAHARÎYA	00	—	32	1	0	0	—	9.8	25.0	61	0	149
KHÂRGA	00	—	00	0	0	0	—	9.1	30.0	27	0	151
DAKHLA	00	7	20	1	0	0	—		27.0	31	0	152
RED SEA												
TÔR	00	7	28	3	0	0	—	9.0	26.2	64	0	145
HURGHÂDA	00	8	00	0	0	0	—	—	28.2	32	0	146
QUSEIR	00	8	30	2	0	0	—	9.2	26.8	68	0	147
PORT SÛDÂN												160
NORTH SÛDÂN												
WÂDI HALFA												165
KAREIMA												166
'ATBARA												167
KHARTÛM												200
KASSALA												170
CENTRAL SÛDÂN												
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FÂSHER												175
GENEINA												179
KADUGLI												187
S. SÛDÂN												
MALAKÂL												176
WÂU												177
JUBA												178

UPPER WINDS ON 13th — الرياح العليا يوم ١٣

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT 12 h. 45 m.	PORT SA'ÎD h. m.	ALMÂZA 12 h. 15 m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13 h. 45 m.	KAREIMA 12 h. 45 m.	KHARTÛM 13 h. m.	KASSALA 12 h. 45 m.	EL OBEID 13 h. m.	MALAKAL 13 h. m.	JUBA h. m.
	03 23 55		03 20 20				09 09 02	09 00 00	09 18 10	09 19 25	09 28 55	09 15 30	
	06 23 50		06 21 30				15 16 15	15 00 00	15 15 05	15 21 05	15 15 05	15 16 15	
	09 22 30		09 20 25				21 21 30	21 03 02	21 16 05	21 21 25	21 07 10	21 15 30	
			12 18 20				27 23 35	27 05 25	24 18 10	27 21 20		27 16 20	
			15 19 25				33 22 30		27 21 15	33 20 20		33 10 15	
			18 20 20				39 23 15		30 20 10			39 14 10	
			21 21 15						39 16 02				
			27 24 15										

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day HUMIDITY % on 13th	Diff from normal	WET BULB TEMP °C on 13th	Diff from normal
Alexandria	36	-32	19.0	-1.3
Ezbekiya	42	-24	19.7	+0.3
Giza	46	-22	19.8	+0.3
Helwân	36	-17	18.0	-0.1

GÎZA — GRASS MINIMUM TEMP. ON 14th 14.9° C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 14th 25.4° C

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	14-10	5617	6294
	13-10	5890	6766

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nasser	14			11.20	+0.67
Malakâl				12.80	+0.52
J. Aulia Res.				277.39	—
J. Aulia D.S				274.07	-0.15
Roseires					
Sennar Res.				17.20	—
Khartûm				14.18	-0.09
Kh. el Girba					
'Atbara		13.36	+0.06	13.42	+0.08
Kajnarti		139.38	-0.19	139.43	-0.26
Aswân Res.		111.28	—	111.31	—
Aswân D.S		90.55	-0.27	90.75	-0.14
Roda (Cairo)		18.85	+0.38	18.88	+0.42

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on Monday 14th — الساعة ٨ يوم ١٤ اثنين

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	Diff. from norm. °C	MINIMUM Today °C mm	Diff from norm °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	Total from Oct. 1 mms.	Norm from Oct 1 mms.
MEDITERRANEAN																		
SALÛM											—		—					1
MATRÛH	00	9	22	3	0	0	—	5.1	-11.4	24.4	36	+9	21	+2	50	0	tr	6
MARIUT	00	7	20	3	1	1	4	5	—	26		—	22	—	32		tr	2
ALEXANDRIA	01	9	20	2	1	4	4	5.2	-11.2	26.7	35	+7	25	+5	45	0	tr	2
DAMIETTA	00	8	14	1	0	1	8	5.2	-10.3	25.8	35	—	21	—	60	0	tr	2
PORT SA'ÎD	14	7	16	5	3	1	4	5.8	-9.1	27.5	35	+6	22	+1	35	0	4	1
EL 'ARÎSH	01	9	16	1	0	3	3	6.8	-8.3	30.9	38	+9	17	-1	17	0	0	1
LOWER EGYPT																		
DAMANHÛR	00	6	20	3	0	0	—	5.1	-11.1	25.6	36	+6	19	+2	33	0	0	1
MANSÛRA	01	8	16	2	1	4	0	5.8	-10.0	26.2	36	+5	20	+2	69	0	0	1
TANTA	00	8	16	2	1	3	8	5.9	-10.4	26.0	36	+5	21	+5	36	0	0	1
ZAGAZIG	00	6	08	2	0	0	—	5.6	-10.7	27.8	35	+4	20	+4	35	0	0	0
SHEBÎN EL KÔM	00	8	16	2	0	0	—	5.8	-10.4	24.8	37	—	21	—	36	0	0	—
MIDDLE EGYPT — CAIRO ALMAZA	00	7	20	2	0	3	1	5.7	-10.1	29.4	38	—	24	—	17	0	tr	—
CAIRO EZBEKÎYA	05	6	16	2	0	2	4	6.7	-9.1	24.1	37	+6	21	+3	39	0	tr	0
CAIRO GÎZA	05	6	18	1	0	2	1	6.8	-9.2	25.8	37	+7	18	+2	40	0	tr	1
HELWÂN	00	7	00	0	0	2	1	7.0	-8.9	25.0	36	+6	22	+4	23	0	0	0
SUEZ	01	9	12	1	1	4	1	8.4	-6.5	27.8	34	+3	20	+1	39	0	tr	0
UPPER EGYPT																		
FAIYÛM	01	8	18	2	1	3	3	7.5	-8.3	24.6	38	+6	19	+2	32	0	0	0
MINYA	01	8	32	2	1	4	2	8.7	-6.7	26.0	38	+8	19	+2	39	0	tr	—
ASYÛT	00	7	12	1	0	0	—	9.4	-5.3	27.1	35	+4	20	+2	48	0	0	0
NAG' HAMÂDI	00	8	00	0	0	0	—	10.0	-3.6	25.4	36	—	15	—	48	0	0	—
QENA	00	8	24	2	0	0	—	9.8	-3.6	22.8	38	+3	19	0	47	0	0	—
LUXOR	00	7	28	1	0	0	—	9.4	-3.9	27.6	38	+1	19	-1	40	0	0	—
ASWÂN	00	9	02	1	0	0	—	9.4	-3.2	26.0	38	+1	22	0	31	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	8.8	-3.6	22.4	38	+6	16	+1	66	0	0	0
BAHARÎYA	00	9	08	1	0	0	—	8.4	-3.1	26.0	36	+5	20	+4	62	0	0	0
KHÂRGA	00	9	00	0	0	0	—	10.3	-3.9	23.0	37	+2	17	-2	42	0	0	—
DAKHLA	00	8	04	1	0	0	—	10.4	-4.7	21.0	35	+1	17	-1	49	0	0	—
RED SEA																		
TÔR	00	7	28	3	0	0	—	8.0	-5.2	20.0	31	-3	18	-1	37	0	0	0
HURGHÂDA	00	8	00	0	0	0	—	—	—	26.6	34	+3	16	-4	23	0	0	0
QUSEIR	00	8	24	1	0	0	—	8.6	-4.4	25.8	33	+2	21	-3	39	0	0	0
PORT SÛDÂN	00	8	04	2	0	3	8	11		30					70	0	0	5
NORTH SÛDÂN																		
WÂDI HALFA	00	8	18	1	0	0	—	9		26					18	0	0	—
KAREIMA	01	8	00	0	0	4	4	9		29					20	0	0	0
'ATBARA	02	8	20	3	1	8	4,1	8		31					24	0	0	0
KHARTÛM	01	8	18	3	2	4	4,1	9		28					66	0	0	1
KASSALA																0	1	3
CENTRAL SÛDÂN																		
WAD MEDANI	02	9	18	3	1	7	1	11		26					70	0	0	5
RENK	01	9	16	3	1	4	3			26	—		—		79	—	—	18
ROSEIRES																0	4	12
EL OBEID	00	9	18	3	1	3	4,1	10		26					70	0	1	7
EL FÂSHER	01	9	00	0	1	4	4	—	—	19					49	0	4	3
GENEINA	00	8	20	2	0	2	4	—	—	21	—		—		88	0	—	4
KADUGLI	02	8	28	2	1	6	4	12		24	—		—		84	—	—	58
S. SÛDÂN																		
MALAKÂL	01	8	00	0	1	4	4	11		27					74	0	54	44
WÂU																1	53	60
JUBA	01	9	12	2	1	4	8,4	12		25					84	0	41	44

UPPER WINDS ON 14th — الرياح العليا يوم ١٤

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT 7h.30 m.	PORT SA'ÎD 7 h. m.	HELWÂN 9 h. m.	MINYA h. m.	ASYÛT 7 h. m.	LUXOR 6 h.30 m.	ASWÂN h. m.	WÂDI HALFA 7 h. 15 m	ABU HAMAD 7 h. m.	KAREIMA 7 h. 15 m.	KHARTÛM 6 h. 30 m.
	03 26 40	03 21 40	02 17 15		03 16 15	03 33 05		09 05 10	09 15 25	09 04 35	09 26 35
	06 24 40	06 22 25	05 20 40		05 19 20	06 15 10		15 22 20	15 02 20	15 01 20	15 36 02
	09 22 45	09 22 40	08 21 50		10 15 30	09 16 10		21 20 35	21 05 15	21 30 05	21 07 05
	15 23 65	12 21 40	10 21 40			12 14 05		27 20 35	27 02 10	27 33 10	24 07 15
	18 23 65	15 21 45	14 21 55			15 14 15		33 22 35	33 09 15	33 33 10	30 11 15
	21 22 10					21 20 10		39 24 15	39 12 15	39 34 10	39 16 25

KASSALA h. m.	PORT SÛDÂN 7 h. m.	EL OBEID 7 h. m.	EL FÂSHER h m	GENEINA 7 h. m.	MALAKAL 7 h. m.
	09 13 15	09 24 35		09 29 15	09 20 10
	15 12 30	15 27 35		15 05 05	
	21 15 25	21 29 25		21 11 10	
	27 13 25	27 30 15		27 09 10	
	33 14 20	33 26 05		33 [illegible] 10	
	36 13 20	36 23 10		39 10 15	

UPPER AIR TEMP. ALMÂZA AT 6h G.M.T ON 14th

HEIGHT FEET	P.P.P m.b.	T.T °F	T.T °F
Surface	996	79	60
500	977	85	61
1000	961	85	61
1500	943	84	60
2000	926	81	59
4000	860	73	54
6000	798	65	48
8000	740	55	45
10000	685	45	37
12000	633	35	30
14000	585	25	24
16000	540	19	17

CYPRUS SYNOPTIC 8h. ON 14th

34720	02755	22215	03262	10502	47210		
34817	02862	16427	02271	39701	00240		

ANNUAL SUBSCRIPTION P.T. 150

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	00
Distant Lightning	07
Light Mist	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

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.

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

Sunset 17 25 Month October 1946

DAILY WEATHER REPORT

١٩٤٦ شهر اكتوبر

At 14h. on Monday 14th — الساعة ١٤ يوم ١٤ | At 20h. on 14th — الساعة ٢٠ يوم الاثنين ١٤

Station	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 8-14h mms	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
Salûm																							130
Matrûh	01	9	30	4	0	4	8	4.7	26.6	69	00	02	8	24	1	6	5	9	7.2	19.8	85	6	131
Mariut	01	7	26	1	1	4	4	5	29	46	0	02	7	26	3	2	7	4,5	6	26	62	0	150
Alexandria	01	9	28	4	2	3	1	5.1	27.7	48	0	02	6	28	4	2	5	6	6.2	26.0	62	0	132
Damietta	01	7	18	4	1	3	6,4	4.0	34.2	20	0	01	6	28	5	1	3	6	5.0	25.2	71	0	159
Port Sa'îd	14	6	22	5	3	0	–	3.9	34.8	24	0	01	7	28	4	1	4	1	5.8	25.6	66	0	134
El 'Arîsh	05	6	16	4	0	0	–	4.2	38.7	18	0	00	9	00	0	0	0	–	5.4	28.8	82	0	135
LOWER EGYPT																							
Damanhûr	01	7	28	6	1	4	4	4.6	31.8	30	0	00	7	28	3	0	0	–	5.5	24.2	67	0	136
Mansûra	01	8	20	3	1	4	6	4.0	34.8	21	0	00	6	02	2	1	0	–	5.8	24.6	66	0	137
Tanta	02	7	24	4	2	6	6	4.3	34.0	16	0	02	7	24	1	2	6	6	6.6	24.1	66	0	138
Zagazig	18	6	20	5	3	0	–	4.6	34.8	22	0	00	6	28	2	3	0	–	5.8	24.2	67	0	139
Shebîn el Kôm	18	5	22	5	3	0	–	3.8	36.4	16	0	00	7	22	2	0	0	–	6.6	24.0	68	0	—
MIDDLE EGYPT																							
Cairo Almâza	05	6	20	5	0	0	–	4.4	36.7	12	0	00	7	04	2	2	0	–	6.2	27.2	43	0	141
Cairo Ezbekîya	12	7	16	5	0	1	4	4.7	36.0	17	0	01	6	32	2	1	4	4	6.4	26.6	52	0	—
Cairo Gîza	00	6	20	4	0	0	–	5.2	36.0	17	0	00	8	30	1	0	0	–	7.0	25.5	53	0	—
Helwân	00	7	18	4	0	0	–	4.7	35.3	12	0	00	7	30	1	0	0	–	5.9	28.1	26	0	143
Suez	00	9	12	1	0	0	–	5.5	31.0	44	0	00	9	12	1	0	0	–	5.4	28.0	62	0	144
UPPER EGYPT																							
Faiyûm	00	8	22	4	0	0	–	4.4	37.2	11	0	01	8	22	2	1	3	8	5.9	28.0	31	0	153
Minya	00	9	14	3	1	0	–	6.7	36.1	18	0	00	9	32	1	0	0	–	6.8	27.3	36	0	154
Asyût	00	8	14	1	0	0	–	7.5	32.0	38	0	00	6	14	1	0	0	–	7.5	24.0	53	0	155
Nag' Hamâdi	00	8	00	0	0	0	–	6.7	34.8	27	0	00	8	00	0	0	0	–	7.8	22.7	69	0	164
Qena	00	9	24	1	0	0	–	7.9	36.4	29	0	00	6	25	1	0	0	–	8.0	26.8	50	0	156
Luxor	00	7	02	2	0	0	–	6.8	37.0	30	0	00	6	28	1	0	0	0	7.4	25.8	37	0	157
Aswân	00	9	00	0	0	0	–	5.9	40.1	14	0	00	9	00	0	0	0	–	6.4	33.2	16	0	158
WESTERN DESERT																							
Sîwa	00	8	22	4	0	0	–	7.0	30.4	36	0	00		28	4	0	0	–	9.6	25.0	61	0	148
Baharîya	00	9	00	0	0	0	–	7.5	35.0	37	0	00	–	00	0	0	0	–		26.0	67	0	149
Khârga	00	9	32	1	0	0	–	8.2	37.0	17	0	00	9	00	0	0	0	–	8.6	30.5	32	0	151
Dakhla	00	9	04	1	0	0			32.0	38	0	00	7	04	1	0	0	–		21.0	47	0	152
RED SEA																							
Tôr	00	7	12	3	0	0	–	6.8	31.8	54	0	00	7	14	4	0	0	–	6.8	28.5	52	0	145
Hurghâda	00	8	12	2	0	0	–		31.9	40	0	00	8	12	2	0	0	–	—	25.9	73	0	146
Quseir	00	8	08	3	0	0	–	7.6	29.2	63	0	00	8	12	2	0	0	–	7.0	27.4	67	0	147
Port Sudân	02	8	02	4	1	5	8,2	6	33	68													[illegible]
NORTH SÛDÂN																							
Wâdi Halfa	00	8	00	0	0	0	–	6	37	10													165
Kareima	00	8	00	0	1	1	4	5	39	18													166
'Atbara	01	8	20	3	1	4	8,1	3	39	24													167
Khartûm	01	8	22	4	1	4	8,1	4	37	31													[illegible]
Kassala	01	8	28	1	1	5	8,4	4	37	35													170
CENTRAL SÛDÂN																							
Wad Medani	01	8	18	2	1	4	6	5	35	39													171
Renk	01	9	18	3	1	4	8	5	33	47													182
Roseires	02	8	16	2	2	7	6		24	74													172
El Obeid	02	9	28	1	1	6	8,4	5	34	26													174
El Fâsher	01	9	04	2	1	4	8,4	–	35	13													175
Geneina	01	8	04	3	1	4	8	–	32	36													179
Kadugli	02	8	20	3	1	5	2	8	32	49													187
S. SÛDÂN																							
Malakâl	10	8	19	2	1	5	6	7	36	37													176
Wâu	02	8	24	2	1	6	8,4,1	7	32	49													177
Juba	01	8	22	3	1	4	8	7	32	55													178

UPPER WINDS ON 14th الرياح العليا يوم ١٤

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

Matrûh	Mariut	Port Sa'îd	Almâza	Minya	Luxor	Hurghâda	Wâdi Halfa	Kareima	Khartûm	Kassala	El Obeid	Malakal	Juba
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13h. 30m.	13h. m.	13h. m.	13h. m.	13h. 15m.	13h. m.
								09 00 00	09 23 05	09 26 05	09 24 20	09 19 15	09 03 10
								15 00 00	15 18 10	15 16 05	15 26 30	15 18 10	15 07 11
								21 00 00	21 14 05	21 17 05	21 33 35	21 19 10	21 08 20
								27 31 10	24 07 05	27 05 10	27 36 20	27 17 15	27 09 15
									27 29 05				
									30 23 15				
									33 24 15				
									39 26 15				

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 14th	Diff from normal	Wet bulb temp °C on 14th	Diff from normal
Alexandria	51	-17	20.1	-0.2
Ezbekiya	40	-26	18.7	-0.6
Giza	40	-28	18.9	-0.5
Helwân	18	-35	16.4	-1.6

GÎZA — GRASS MINIMUM TEMP. ON 15th 15.2° C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 15th 25.3 °C

Discharges at Aswân measured by sluices m³ per sec.	Date	1946	1945
	15-10	5372	6397
	14-10	5617	6294

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	15-10-1946			13.36	-0.38
Nâsser					
Malakâl				12.80	+0.51
J. Aulia Res.				377.42	–
J. Aulia D.S				373.99	-0.17
Roseires		17.10	+0.89	16.66	+0.35
Sennar Res.				17.19	–
Khartûm				14.10	-0.10
Kh. el Girba					
'Atbara				13.36	+0.06
Kajnarti				139.38	-0.19
Aswân Res.		111.36	–	111.28	–
Aswân D.S		90.35	-0.41	90.56	-0.27
Roda (Cairo)		18.77	+0.29	18.85	+0.38

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on Tuesday 15th — الساعة ٨ يوم الثلاثاء ١٥

Station	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Dry Bulb °C (TTT)	Max. Yesterday °C (MM)	Diff. from norm. °C	Min. Today °C (mm)	Diff from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
MEDITERRANEAN																		
Salûm												—		—				2
Matrûh	02	9	02	3	6	7	9	11.0	-5.6	21.7	27	0	18	-1	66	9	9	7
Mariut	02	7	30	2	2	6	9,4	10	—	23	31	—	20	—	61	2	2	3
Alexandria	02	8	04	3	2	5	9	8.8	-7.7	23.3	29	+1	20	0	60	2	2	2
Damietta	01	8	16	1	1	4	8	8.4	-7.1	23.0	35	—	20	—	74	0	dr	2
Port Sa'îd	01	8	26	3	1	4	4	8.8	-6.1	24.8	35	+6	22	+1	69	0	4	1
El 'Arîsh	00	8	20	2	0	0	–	8.3	-6.9	25.2	39	+10	20	+2	23	0	0	2
LOWER EGYPT																		
Damanhûr	01	6	24	3	5	5	4	9.1	-7.2	21.8	35	+5	19	+2	78	1	1	2
Mansûra	01	8	24	2	1	4	8	9.0	-6.8	22.3	36	+5	19	+1	77	0	0	1
Tanta	01	8	28	1	1	4	8	9.6	-6.7	23.6	35	+4	18	+2	75	0	0	1
Zagazig	01	6	28	2	1	4	8	9.6	-6.8	23.6	35	+4	19	+4	75	0	0	0
Shebîn el Kôm	01	8	30	2	2	4	8	9.0	-7.2	23.2	37	—	20	—	72	0	0	—
MIDDLE EGYPT																		
Cairo Almaza	01	7	30	1	1	4	6,4	9.1	-6.8	23.2	37	—	21	—	89	0	dr	—
Cairo Ezbekîya	01	6	28	2	1	4	4	9.4	-6.5	23.4	36	+5	21	+4	69	0	dr	0
Cairo Gîza	02	7	28	1	2	5	6	9.9	-6.2	24.1	37	+7	18	+2	66	0	dr	1
Helwân	01	6	00	0	1	4	4	9.2	-6.8	22.4	36	+6	20	+2	66	0	0	0
Suez	00	9	02	1	0	0	–	8.7	-6.3	23.8	33	+2	19	0	60	0	dr	0
UPPER EGYPT																		
Faiyûm	01	8	00	0	1	4	8	9.8	-6.0	23.8	37	+5	19	+2	67	0	0	0
Minya	00	9	24	2	0	0	–	10.3	-5.2	26.0	38	+8	19	+2	52	0	dr	—
Asyût	00	7	20	2	0	0	–	10.7	-4.1	24.5	34	+4	21	+3	43	0	0	0
Nag' Hamâdi	00	8	00	0	0	0	–	10.3	-3.4	26.7	37	—	17	—	64	0	0	—
Qena	00	8	24	2	0	0	–	9.2	-4.3	25.0	38	+3	19	0	54	0	0	—
Luxor	00	7	28	1	0	0	–	9.4	-4.0	29.4	39	+2	19	0	33	0	0	—
Aswân	00	9	00	0	0	0	–	9.5	-3.2	26.9	41	+4	22	0	38	0	0	
WESTERN DESERT																		
Sîwa	00	7	00	0	0	0	–	13.2	-4.3	20.8	31	-1	15	0	70	0	0	0
Baharîya	00	9	00	0	0	0	–			25.5	36	+5	19	+3	58	0	0	0
Khârga	00	9	04	1	0	0	–	11.0	-3.3	21.9	37	+2	20	+1	42	0	0	—
Dâkhla	00	8	28	2	0	0	–	11.9	-3.3	23.5	34	0	19	+1	79	0	0	—
RED SEA																		
Tôr	00	7	04	3	0	0	–	9.0	-4.3	27.5	32	0	20	+1	68	0	0	0
Hurghâda	02	7	28	2	0	5	–	—	—	25.7	33	+2	18	-2	60	0	0	0
Quseir	00	8	08	1	0	0	–	6.7	-6.4	27.3	35	+4	21	-2	73	0	0	0
Port Sûdân	01	9	12	3	1	4	8	9		31					70	0	0	5
NORTH SÛDÂN																		
Wâdi Halfa	00	8	20	1	0	0	–	10		26					27	0	0	—
Kareima	01	8	00	0	1	4	4,1	9		28					22	0	0	0
'Atbara	02	7	20	4	1	6	4,5	9		29					35	0	0	0
Khartûm	02	8	10	3	5	5	4,5	9		29					52	0	0	1
Kassala	02	8	18	2	1	5	6,4	10		27					66	0	1	3
CENTRAL SÛDÂN																		
Wad Medani	02	9	04	3	1	8	8	11		24					74	6	6	5
Renk	01	9	32	3	1	5	3			29		—		—	66	—	—	19
Roseires	02	7	14	1	2	6	9,5	12		24					84	0	4	13
El Obeid	02	9	16	2	1	6	4,1	12		24					74	18	19	7
El Fâsher	01	9	02	1	1	4	1	—	—	24					50	0	4	4
Geneina	01	8	00	0	1	3	4	—	—	20		—		—	78	—	—	4
Kadugli	01	8	28	2	1	4	4	11		26		—		—	70	—	—	62
S. SÛDÂN																		
Malakâl	01	8	00	0	0	5	6,4	11		26					84	0	54	47
Wâu	02	8	00	0	6	5	8,4	10		23					94	9	62	65
Juba	01	8	20	2	1	4	8,4	12		26					79	0	41	47

UPPER WINDS ON 15th الرياح العليا يوم ١٥

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh	Mariut	Port Sa'îd	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa	Abu Hamad	Kareima	Khartûm
h. m.	7h. m.	h. m.	8h. 45m.	7h. m.	7h. m.	7h. m.	7h. m.	7h. 45m.	h. m.	h. m.	7h. m.
	03 34 20		02 30 25	03 27 25	02 29 30	03 35 25	02 31 10	09 34 30			09 37 24
	06 33 20		05 31 15	06 27 20	05 33 30	06 33 30	05 34 05	15 01 35			15 06 15
	09 33 15		08 34 10	09 28 20	10 22 45	09 35 15	10 01 05	21 36 30			21 05 30
	12 28 30			12 26 20		15 25 05	15 35 20	27 33 50			24 05 25
	15 29 20			15 25 35		18 26 65	20 31 15				30 04 25
	18 30 15			18 25 44		21 27 20					39 02 15
	24 30 10			21 24 35							
				24 25 35							

Kassala	Port Sûdân	El Obeid	El Fâsher	Geneina	Malakal
7h. m.	7h. m.	h. m.	7h. m.	7h. m.	7h. 15m.
09 20 35	09 15 20		09 09 05	09 01 05	09 31 05
15 21 25	15 13 35		15 14 05	15 35 20	15 36 05
21 24 20	21 13 20			21 06 20	
27 36 05				27 07 20	
33 05 10				33 07 20	
39 08 30				39 07 20	

UPPER AIR TEMP. ALMÂZA AT 06 GMT ON 15th

Height feet	P.P.P m.b.	TT °F	°F
Surface	1000	72	67
500	982	70	66
1000	964	68	64
1500	947	66	63
2000	930	64	62
4000	864	68	55
6000	801	51	48
8000	743	47	40
10000	688	40	34
12000	636	34	26
14000	588	25	22
16000	542	18	16

CYPRUS SYNOPTIC 8h. ON 15th

34710 00952 26202 05221 50407 97161
34883 01063 04114 05211 20203 94160

ANNUAL SUBSCRIPTION P.T. 150

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

Sunset 17 24 — Month October 1946

DAILY WEATHER REPORT

شهر أكتوبر 1946

At 14h. on Tuesday 15th — الساعة ١٤ يوم ١٥

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	Temp. °C (ttt)	Humidity % (uu)	Rain 8-14 mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	02	9	32	3	2	7	9	12.8	22.2	56	0	131
MARIUT	03	7	30	3	1	7	4	11	24	74	0	150
ALEXANDRIA	02	9	30	4	2	6	9	11.4	22.0	50	0	132
DAMIETTA	01	8	26	4	1	4	8	9.1	24.8	55	0	159
PORT SA'ÎD	14	7	26	6	3	3	4	9.6	25.8	55	3	134
EL 'ARÎSH	01	9	28	4	1	5	3	9.5	26.4	58	0	135
LOWER EGYPT												
DAMANHÛR	01	7	28	4	1	4	8	10.2	25.3	52	0	136
MANSÛRA	01	8	28	3	1	4	8	9.8	27.2	46	0	137
TANTA	01	8	28	4	2	4	8	10.0	27.4	45	0	138
ZAGAZIG												
SHEBÎN EL KÔM	01	8	30	4	1	4	8	9.2	28.6	47	0	139
MIDDLE EGYPT												
CAIRO ALMÂZA	01	8	28	2	1	4	8/6	9.5	27.8	41		141
CAIRO EZBEKÎYA	01	8	26	2	1	5	8/4	9.4	27.8	49	0	
CAIRO GÎZA	01	8	30	2	1	5	6	9.9	27.3	47	0	
HELWÂN	01	8	00	0	1	5	8	9.1	27.5	43	0	143
SUEZ	02	9	02	2	2	6	5	9.4	27.4	54	0	144
UPPER EGYPT												
FAIYÛM	01	8	24	2	1	4	8	8.8	29.2	44	0	153
MINYA	01	8	24	2	1	4	8	9.8	30.6	41	0	154
ASYÛT	00	8	20	1	0	0	—	9.8	29.1	45	0	155
NAG' HAMÂDI	00	8	24	1	0	0	—	9.4	31.1	38	0	164
QENA	00	9	24	2	0	0	—	9.8	34.0	36	0	156
LUXOR	00	7	30	2	0	0	—	8.0	36.7	33	0	157
ASWÂN	00	9	24	1	0	0	—	6.8	37.0		0	158
WESTERN DESERT												
SÎWA	00	8	00	0	0	0	—	12.1	28.1	51	0	148
BAHARÎYA	—	—	—	—	—	—	—	—	—	—	—	149
KHÂRGA	00	9	28	2	0	0	—	10.7	31.9	28	0	151
DAKHLA	00	9	28	1	0	0	—		34.0	52	0	152
RED SEA												
TÔR	00	7	28	3	0	0	—	6.0	30.2	62	0	145
HURGHÂDA	00	8	08	1	0	0	—		28.8	69	0	146
QUSEIR	00	8	02	2	0	0	—	7.2	31.2	72	0	147
PORT SÛDÂN	02	8	08	4	1	8	6	6	33	70		[illegible]
NORTH SÛDÂN												
WÂDI HALFA	00	8	22	3	0	0	—	7	31	11		165
KAREIMA												166
'ATBARA	01	8	32	3	1	4	4/1	4	38	17		167
KHARTÛM	02	7	00	0	1	5	4/1	5	35	30		[illegible]
KASSALA	02	8	00	0	1	5	1	3	37	35		170
CENTRAL SÛDÂN												
WAD MEDANI	02	8	04	4	1	5	1	4	34	41		171
RENK	01	9	14	3	1	4	9	3	33	53		182
ROSEIRES	11	8	20	1	1	6	9	6	34	41		172
EL OBEID	01	9	28	2	1	4	2/1	4	33	36		174
EL FÂSHER	01	8	04	2	1	4	5/1	—	35	22		175
GENEINA												179
KADUGLI	01	8	04	2	1	4	9	6	33	47		187
S. SÛDÂN												
MALAKÂL	10	8	22	4	1	7	9/4	6	31	55		176
WÂU	02	8	00	0	1	5	4/2	8	32	43		177
JUBA	10	8	28	2	4	5	6/4	8	27	70		178

At 20h. on 15th — الساعة ٢٠ يوم ١٥

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	Temp. °C (ttt)	Humidity % (uu)	Rain 14-20 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	8	02	1	2	0	—	12.7	21.0	64	0
MARIUT	00	7	29	4	0	2	6	13	21	65	0
ALEXANDRIA	01	6	28	4	2	3	4	13.1	22.0	43	0
DAMIETTA	00	7	28	1	1	0	—	11.1	22.2	59	0
PORT SA'ÎD	14	8	26	5	3	0	—	12.0	22.2	61	0
EL 'ARÎSH	00	9	00	0	0	0	—	11.2	22.9	71	0
LOWER EGYPT											
DAMANHÛR	01	7	28	3	1	3	8	12.3	21.3	68	0
MANSÛRA	00	6	04	2	1	0	—	12.0	20.6	66	
TANTA	01	8	24	1	1	4	8	12.2	19.0	76	
ZAGAZIG	00	6	32	2	0	0	—	12.6	21.2	74	0
SHEBÎN EL KÔM	00	7	30	2	1	2	6	11.5	20.8	66	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	7	02	2	1	0	—	12.3	22.0	56	0
CAIRO EZBEKÎYA	00	6	30	2	0	0	—	12.3	21.9	63	0
CAIRO GÎZA	00	8	30	2	0	0	—	12.8	21.9	61	0
HELWÂN	00	7	30	4	0	0	—	12.3	22.2	56	0
SUEZ	00	9	32	2	0	0	—	12.2	24.0	59	0
UPPER EGYPT											
FAIYÛM	01	8	32	5	1	4	8	11.1	22.8	53	0
MINYA	00	8	32	1	1	0	—	10.8	23.0	52	0
ASYÛT	00	6	22	1	0	0	—	11.4	25.5	45	0
NAG' HAMÂDI	00	8	00	0	0	0	—	10.6	24.4	66	0
QENA	00	6	24	1	0	0	—	10.4	26.6	60	0
LUXOR	00	6	28	1	0	0	—	10.2	26.7	32	0
ASWÂN	00	9	32	2	0	0	—	8.8	31.3	23	0
WESTERN DESERT											
SÎWA	00	8	00	0	0	0	—	13.2	22.0	60	0
BAHARÎYA	00		32	1	0	0	—		25.0	61	0
KHÂRGA	00	9	28	1	0	0	—	10.4	28.2	34	0
DAKHLA	00	7	28	1	0	0	—	11.8	23.0	38	0
RED SEA											
TÔR	00	7	28	3	0	0	—	8.4	24.8	55	0
HURGHÂDA	00	8	00	0	0	0	—		26.2	72	0
QUSEIR	00	8	02	2	0	0	—	7.9	26.7	85	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 15th — الرياح العليا يوم ١٥

MATRÛH	MARIUT	PORT SA'ID	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	13 h. 15 m.	h. m.	13 h. m.	h. m.	13 h. m.	h. m.	13 h. 15 m.	h. m.	13 h. m.	12 h. 45 m.	13 h. 30 m.	13 h. m.	13 h. 15 m.
	03 33 15		02 00 00		03 32 05		09 05 05		09 22 05	09 22 10	09 00 15	09 36 05	09 06 -10
	06 32 20		06 31 10		06 30 10		48 00 00		15 06 10	15 26 05	15 30 10	15 00 00	15 06 10
	09 31 30		09 48 10		09 31 20		21 30 20		21 00 20	21 38 10	21 09 20	21 36 15	18 08 20
	15 27 30		12 26 10		15 31 10				24 05 20	27 28 15	27 07 25	27 34 05	
	21 25 30		15 24 15		21 27 05					33 31 10		33 30 05	

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	16. 10	5090	6397
	15. 10	5372	6397

STATION	Mean of day: Humidity % on 15th	Humidity Diff from normal	Wet Bulb Temp °C on 15th	Wet Bulb Temp Diff from normal
Alexandria	49	-19	16.7	-3.5
Ezbekiya	60	-6	19.2	+0.1
Giza	58	-10	19.0	-0.3
Helwân	55	+2	18.6	+0.7

GÎZA — GRASS MINIMUM TEMP. ON 16th 12.8° C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 16th 25.0 C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	16th			13.38	-0.34
Nasser					
Malakâl				12.80	+0.50
J. Aulia Res.				377.34	
J. Aulia D.S				373.94	-0.16
Roseires		12.17	+1.06	17.10	+0.89
Sennar Res.				17.21	
Khartûm				16.00	-0.14
Kh. el Girba					
'Atbara		13.24	+0.04	13.30	+0.05
Kajnarti		139.24	-0.11	139.32	-0.18
Aswân Res.		111.46		111.36	
Aswân D.S		90.15	-0.53	90.35	-0.41
Roda (Cairo)		18.73	+0.23	18.77	+0.29

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on Wednesday 16th — الساعة ٨ يوم ١٦

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Pressure M.S.L. 1000+ mbs. (ppp)	Diff. from normal mbs.	Temp. Dry Bulb °C (ttt)	Maximum Yesterday °C (mm)	Maximum Diff. from norm °C	Minimum Today °C (mm)	Minimum Diff. from norm °C	Humidity % (uu)	Rainfall Past 24 hrs mms	Total From Oct 1 mms	Norm From Oct 1 mms
MEDITERRANEAN																		
SALÛM												—		—				2
MATRÛH	03	9	20	-	0	7	1	13.8	-2.6	12.8	24	-3	17	-1	33	0	9	7
MARIUT	00	7	17	1	0	2	0	14	—	21	26	—	17	—	65	0	2	3
ALEXANDRIA	01	9	16	3	2	3	8	14.4	-2.2	21.0	27	-1	19	-1	57	0	2	3
DAMIETTA	00	8	18	1	0	1	8	13.2	-2.4	20.8	26	—	15	—	65	0	dr	3
PORT SA'ÎD	00	8	26	3	0	2	4	14.0	-1.0	22.7	28	-1	19	-2	59	0	4	1
EL 'ARÎSH	00	9	20	2	0	0	—	14.0	-1.2	22.9	28	0	19	+2	60	0	0	2
LOWER EGYPT																		
DAMANHÛR	00	7	20	3	0	0	—	13.9	-2.5	19.0	26	-4	16	-1	70	0	1	2
MANSÛRA	01	8	08	1	1	4	0	14.3	-1.6	21.3	29	-2	14	-4	65	0	0	1
TANTA	01	8	00	0	1	4	8	14.7	-1.7	18.7	28	-3	14	-2	82	0	0	1
ZAGAZIG	01	6	20	2	1	4	8	14.7	-1.8	19.2	29	-2	15	0	78	0	0	0
SHEBÎN EL KÔM	01	8	28	1	1	4	8	12.5	-2.8	20.2	29	—	17	—	67	0	0	—
MIDDLE EGYPT																		
CAIRO ALMAZA	05	6	06	1	1	4	0	14.0	-2.0	21.3	29	—	18	—	51	0	dr	—
CAIRO EZBEKÎYA	05	6	02	1	1	4	4	14.3	-1.7	20.7	29	-1	19	+2	58	0	dr	1
CAIRO GÎZA	01	7	30	1	1	4	4	14.6	-1.6	20.8	29	-1	16	+1	68	0	dr	1
HELWÂN	01	7	32	1	1	4	4	14.3	-1.8	22.0	28	-2	19	+1	51	0	0	0
SUEZ	00	9	02	1	0	0	—	15.1	+0.1	20.6	29	-2	19	0	64	0	dr	0
UPPER EGYPT																		
FAIYÛM	01	8	02	2	1	3	8	14.3	-1.6	22.0	31	-1	18	+1	52	0	0	0
MINYA	00	9	02	2	0	0	—	14.3	-1.3	22.5	32	+2	17	0	64	0	dr	—
ASYÛT	00	7	28	1	0	0	—	13.9	-0.9	21.3	30	0	18	0	67	0	0	0
NAG' HAMÂDI	00	8	00	0	0	0	—	13.5	-0.3	23.2	32	—	17	—	65	0	0	—
QENA	00	8	24	2	0	0	—	12.6	-0.9	23.2	35	0	19	0	52	0	0	—
LUXOR	00	7	28	1	0	0	—	13.2	-0.3	27.3	38	+2	19	0	28	0	0	—
ASWÂN	00	9	32	2	0	0	—	12.7	-0.1	25.8	39	+2	22	+1	31	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	14.3	-3.2	20.0	29	-3	11	+3	72	0	0	0
BAHARÎYA	00	9	00	0	0	0	—	15.3	+1.0	25.2	35	+4	18	+2	60	0	0	0
KHÂRGA	00	9	02	1	0	0	—	12.9	-1.5	20.5	33	-2	16	-3	55	0	0	—
DÂKHLA	00	8	24	3	0	0	—	14.3	-0.5	22.5	35	+1	18	0	63	0	0	—
RED SEA																		
TÔR	00	7	04	3	0	0	—	12.7	-0.8	25.2	30	+1	19	+1	61	0	0	0
HURGHÂDA	00	8	30	3	0	0	—	—	—	26.0	30	-1	20	0	68	0	0	0
QUSEIR	00	8	30	2	0	0	—	11.0	-2.2	25.6	32	+1	23	0	59	0	0	0
PORT SÛDÂN	01	8	10	2	1	4	0	9		32					75	0		6
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	3	0	0	—	12		25					42	0	0	—
KAREIMA	00	8	04	4	0	3	1	9		28					25	0	0	0
'ATBARA	01	8	02	2	1	4	4/2	7		32					38	0	0	0
KHARTÛM	01	8	28	2	1	3	4	8		28					25	0	0	2
KASSALA	02	8	14	1	0	5	2	8		28					66	0	1	4
CENTRAL SÛDÂN																		
WAD MEDANI	02	9	24	3	1	7	1	9		27					70	0	6	5
RENK											—		—		—	—	21
ROSEIRES	01	8	17	1	1	5	5			24					89	8	12	14
EL OBEID	03	9	24	2	1	8	4/2	9		25					79	0	19	8
EL FÂSHER	02	8	06	1	1	6	2	—	—	23					36	0	4	4
GENEINA	02	8	08	1	1	6	2	—	—	20	—		—		49	—	—	4
KADUGLI	01	8	28	2	2	4	4	10		29	—		—		62	—	—	65
S. SÛDÂN																		
MALAKÂL	02	5	00	0	1	5	0/4	10		27					79	0	54	50
WÂU	02	8	18	3	5	8	4/1	10		24					84	6	68	70
JUBA	02	8	14	1	1	7	0/4	12		22					95	0	41	50

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 16th — الرياح العليا يوم ١٦

MATRÛH	MARIUT	PORT SA'ID	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	7 h. m.	6 h. 30 m.	9 h. 30 m.	6 h. 45 m.	7 h. m.	7 h. m.	7 h. m.	7 h. 15 m.	7 h. 15 m.	7 h. m.	6 h. 30 m.
	03 30 05	03 28 15	02 02 10	03 02 30	02 31 05	03 32 15	02 36 20	09 02 30	09 04 30	09 04 45	09 05 10
	06 31 05	06 30 15	05 02 10	06 36 20	05 33 25	06 36 10	05 36 30	15 30 15	15 07 20	15 05 45	15 03 20
	09 30 05	09 34 05	08 02 05	09 32 20	10 32 30	09 35 02	10 04 10	21 27 20	21 08 15	21 02 20	21 01 10
	12 30 05	12 24 20	10 34 10	12 31 25	15 32 25	12 30 25	15 24 20	27 29 20	27 09 05	27 05 20	24 03 10
	15 29 30	15 24 35	15 29 10	15 33 15		15 25 20	20 21 20	33 20 20	33 12 10	33 36 10	30 07 15
	21 29 40	18 24 30	18 29 20	21 23 10		18 19 25		39 21 30	39 16 20		
	27 20 25			27 25 20		27 21 40					
	30 21 20			30 22 35		30 20 50					
	39 21 35			39 33 40		39 22 55					

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. m.	h. m.	7 h. m.	7 h. 15 m.	6 h. 45 m.	7 h. m.
09 19 05		09 26 10	09 08 10	09 09 15	09 17 10
15 03 05		15 05 20	15 12 35	15 15 20	15 15 20
21 09 05		21 05 30	18 13	21 11 30	21 12 10
27 07 15		27 06 35		27 10 40	27 11 15
33 09 15		33 07 35		33 11 40	33 07 15
		39 07 20		39 10 65	39 09 10

CYPRUS SYNOPTIC 8h. ON 16th

34720	01743	30213	12211	30406	00140
34874	01953	04113	12191	10203	00140

UPPER AIR TEMP. ALMÂZA AT 6h G.M.T ON 16th

HEIGHT feet	P.P.P m.b.	T.T °F	T.T °C
Surface	1004	64	59
500	986	66	56
1000	968	64	56
1500	951	62	54
2000	934	60	52
4000	867	56	48
6000	804	47	42
8000	746	39	37
10000	690	46	30
12000	639	40	27
14000	590	31	25
16000	544	23	19

ANNUAL SUBSCRIPTION P.T. 150

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

Sunset 17 23

Month OCTOBER 1946

DAILY WEATHER REPORT

شهر أكتوبر ١٩٤٦

At 14h. on WEDNESDAY 16 Ch. — الساعة ١٤ يوم ١٦

STATION	PRESENT WEATHER WW	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 8-14 mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	02	9	20	3	2	5	5	10.8	27.0	31	0	131
MARIUT	02	8	18	3	2	6	4,2	12	27	40	0	150
ALEXANDRIA	01	9	20	2	2	5	4	12.6	25.2	44	0	132
DAMIETTA	01	8	30	3	1	3	8	12.7	24.8	48	0	159
PORT SA'ÎD	00	8	12	3	0	3	2	13.1	24.7	50	0	134
EL 'ARÎSH	00	9	28	3	0	2	3	12.4	25.0	53	0	135
LOWER EGYPT												
DAMANHÛR	02	7	28	3	1	6	4	12.6	26.7	45	0	136
MANSÛRA	01	8	16	1	1	4	8	12.6	28.0	42	0	137
ṬANṬA	01	8	28	2	1	3	8	12.8	27.6	40	0	138
ZAGAZIG	00	6	24	2	0	0	—	12.8	27.4	46	0	139
SHEBÎN EL KÔM	01	8	22	2	1	4	8	12.2	27.9	41	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	00	8	28	1	0	3	8	13.2	28.0	28	0	141
CAIRO EZBEKÎYA	00	8	30	1	0	3	8	12.3	27.8	31	0	
CAIRO GÎZA	00	8	32	1	0	1	8	13.1	28.3	35	0	—
ḤELWÂN	00	8	28	2	0	3	8	12.4	27.0	26	0	143
SUEZ	01	9	32	1	1	3	3	12.6	28.0	37	0	144
UPPER EGYPT												
FAIYÛM	01	8	30	2	1	4	8	12.4	27.5	35	0	153
MINYA	01	9	32	2	1	3	8	12.2	27.5	34	0	154
ASYÛṬ	00	8	26	1	0	0	—	12.6	27.5	35	0	155
NAG' ḤAMÂDI	00	8	24	1	0	0	—	11.8	29.9	35	0	164
QENA	00	9	22	2	0	0	—	10.4	33.6	38	0	156
LUXOR												157
ASWÂN	00	9	32	2	0	0	—	9.6	34.0	14	0	158
WESTERN DESERT												
SÎWA	00	8	22	4	0	0	—	14.0	28.6	56	0	148
BAḤARÎYA	01	9	00	0	1	4	—	12.7	28.5	49	0	149
KHÂRGA	00	9	28	3	0	0	—	12.2	30.7	35	0	151
DAKHLA	00	9	24	3	0	0	—		34.0	31	0	152
RED SEA												
ṬÛR	00	7	28	4	0	0	—	11.4	27.5	67	0	145
HURGHÂDA	00	8	02	2	0	0	—	—	28.6	50	0	146
QUSEIR	00	8	02	2	0	0	—	10.6	29.2	63	0	147
PORT SÛDÂN	01	9	08	3	2	4	8,4	8	33	70		166
NORTH SÛDÂN												
WÂDI HALFA	00	8	04	4	0	0	—	9	35	18		165
KAREIMA												166
'ATBARA	25	7	20	2	8	4	8,1	3	39	21		167
KHARTÛM	01	8	32	2	1	3	9,1	3	38	17		168
KASSALA	02	8	16	1	1	5	8	3	38	40		170
CENTRAL SÛDÂN												
WAD MEDANI	02	8	32	1	1	5	8	2	36	31		171
RENK	01	9	18	3	1	5	8		35	44		182
ROSEIRES	01	8	16	1	1	3	8	5?	33	44		172
EL OBEID	02	9	32	1	1	7	4,2	4	33	36		174
EL FÂSHER	02	9	32	3	1	6	8,2	—	36	09		175
GENEINA												179
KADUGLI	02	8	12	3	1	7	9	8				187
S. SÛDÂN												
MALAKÂL	01	8	16	2	1	5	8,4	6	33	56		176
WÂU	02	8	08	2	1	8	6,4	7	31	55		177
JUBA	01	8	32	1	5	5	8	6	33	47		178

At 20h. on 16 Ch. — الساعة ٢٠ يوم ١٦ الأربعاء

STATION	PRESENT WEATHER WW	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 14-20 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	8	00	0	2	0	—	12.7	19.9	73	0
MARIUT	00	9	07	1	2	0	—	13	20	78	0
ALEXANDRIA	00	6	12	2	0	0	—	13.6	22.8	72	0
DAMIETTA	01	6	28	1	1	4	6	13.4	21.0	67	0
PORT SA'ÎD	00	6	30	2	0	3	2	14.3	22.0	56	0
EL 'ARÎSH	00	9	28	2	0	0	—	13.8	23.3	56	0
LOWER EGYPT											
DAMANHÛR	01	7	28	3	1	4	8	12.8	21.6	78	0
MANSÛRA	00	6	08	1	1	0	—	14.2	21.6	67	0
ṬANṬA	01	8	20	1	1	4	8	14.0	21.2	69	0
ZAGAZIG	00	6	04	2	0	0	—	14.2	21.8	64	0
SHEBÎN EL KÔM	01	7	28	2	1	3	6	13.5	22.7	60	0
MIDDLE EGYPT											
CAIRO ALMÂZA	01	7	06	1	1	4	6	13.6	24.1	40	0
CAIRO EZBEKÎYA	02	7	02	1	1	5	8	13.5	23.6	48	0
CAIRO GÎZA	01	8	02	1	0	4	8	13.9	23.8	46	0
ḤELWÂN	01	7	00	0	1	4	4	13.6	23.9	34	0
SUEZ	00	9	32	1	0	0	—	14.3	23.4	49	0
UPPER EGYPT											
FAIYÛM	01	8	02	1	1	4	8	12.8	21.6	60	0
MINYA	00	9	32	1	0	0	—	14.2	23.0	55	0
ASYÛṬ	00	6	00	0	0	0	—	13.2	22.0	59	0
NAG' ḤAMÂDI	00	8	00	0	0	0	—	13.4	22.2	63	0
QENA	00	6	22	2	0	0	—	12.0	25.0	57	0
LUXOR	00	6	22	3	0	0	—	12.8	25.6	37	0
ASWÂN	00	9	32	1	0	0	—	11.8	30.0	21	0
WESTERN DESERT											
SÎWA	00	—	00	0	0	0	—	13.5	22.0	63	0
BAḤARÎYA											
KHÂRGA	00	9	00	0	0	0	—	12.6	28.2	29	0
DAKHLA	00	7	28	2	0	0	—	14.4	22.0	65	0
RED SEA											
ṬÛR	00	7	28	3	0	0	—	11.4	27.2	60	0
HURGHÂDA	00	8	28	2	0	0	—	—	25.2	58	0
QUSEIR	00	8	32	2	0	0	—	10.7	26.2	75	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 16 Ch. — الرياح العليا يوم ١٦

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.
	13	13	13 h45				13 h45		13	13	13	13 h15	13
	03 22 20	03 30 05	03 06 05				09 36 20		09 05 15	09 03 05	09 02 05	09 18 15	09 06 10
	06 22 20	06 25 05	06 05 05				15 29 20		15 08 05	15 10 05	15 05 10	15 18 15	15 07 15
	09 25 25	09 - -	09 35 15				21 30 20		21 06 10	21 08 10	2106 20	21 17 05	21 06 10
	12 26 30	12 - -	12 33 25				27 22 30		24 07 10	27 31 05	27 07 20	27 15 10	27 10 10
	15 29 25	15 26 35	15 04 15										
	18 28 25	18 26 30	18 25 15										
	21 28 25	21 22 30	21 25 30										
	24 25 35												
	27 25 40												

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

	DATE	1946	1945
Discharges at Aswân measured by sluices m³ per sec.	17 Ch.	4941	6062
	16 Ch.	5070	6397

STATION	Mean of day HUMIDITY % on 16 Ch.	Diff from normal	WET BULB TEMP °C on 16 Ch.	Diff from normal
Alexandria	62	-6	17.2	-3.0
Ezbekîya	47	-19	16.8	-2.5
Gîza	51	-17	17.6	-1.6
Helwân	36	-17	15.5	-2.4

GÎZA — GRASS MINIMUM TEMP. ON 17 Ch. 12.4° C

CAIRO — WATER TEMP. AT 8h. RIVER NILE ON 17 Ch. 25.0° C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	17 Ch.			13.38	-0.32
Nâsser				11.34	+0.70
Malakâl		13.80	+0.80	13.80	+0.50
J. Aulia Res				377.34	—
J. Aulia D.S				373.87	-0.16
Roseires		16.90	+0.88	77.17	+1.06
Sennar Res.				77.20	—
Khartûm				13.93	-0.16
Kh. el Girba					
'Atbara		13.16	-0.02	73.24	+0.04
Kajnarti				139.24	-0.11
Aswân Res.		111.66	—	111.66	—
Aswân D.S		90.00	-0.60	90.15	-0.53
Roda (Cairo)				18.73	+0.23

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on THURSDAY 17 Ch. — الساعة ٨ يوم ١٧ الخميس

STATION	PRESENT WEATHER WW	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	MAXIMUM Diff. from norm. °C	MINIMUM Today °C mm	MINIMUM Diff from norm °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	RAINFALL Total From Oct. 1 mms	RAINFALL Norm From Oct 1 mms
MEDITERRANEAN																		
SALÛM													—	—				2
MATRÛH	00	9	18	3	0	0	—	13.5	-3.2	20.2	28	+1	17	-1	66	0	9	8
MARIUT	00	7	21	1	0	1	8	14	—	21	27	—	17	—	57	0	2	3
ALEXANDRIA	00	9	20	2	0	0	—	15.2	-1.4	24.0	26	-2	20	0	43	0	2	3
DAMIETTA	00	8	18	2	0	0	—	13.5	-2.2	23.6	26	—	18	—	59	0	dz.	3
PORT SA'ÎD	00	7	16	2	0	1	2	15.1	0.0	23.7	27	-1	19	-2	55	0	4	1
EL 'ARÎSH	00	9	00	0	0	0	—	15.2	-0.1	24.6	27	-1	15	-2	60	0	0	2
LOWER EGYPT																		
DAMANHÛR	00	6	20	3	0	0	—	13.6	-2.8	20.6	27	-3	16	-1	59	0	1	2
MANSÛRA	00	8	20	1	0	0	—	14.7	-1.3	21.8	29	-2	16	-2	61	0	0	1
ṬANṬA	00	8	16	1	0	0	—	14.8	-1.7	22.3	28	-3	17	+1	56	0	0	1
ZAGAZIG	00	6	24	2	0	0	—	14.8	-1.7	23.2	29	-2	17	+2	59	0	0	1
SHEBÎN EL KÔM	00	8	14	2	0	0	—	14.0	-2.4	19.9	30	—	17	—	62	0	0	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	8	18	2	0	0	—	14.8	-1.3	24.3	30	—	20	—	39	0	dz.	—
CAIRO EZBEKÎYA	05	5	16	1	0	0	—	15.0	-1.1	21.3	29	-1	19	+2	48	0	dz.	1
CAIRO GÎZA	05	6	10	1	0	0	—	15.4	-0.9	23.8	30	0	16	+1	47	0	dz.	1
ḤELWÂN	00	7	00	0	0	0	—	15.5	-0.7	21.0	28	-2	17	-1	48	0	0	0
SUEZ	00	9	00	0	0	0	—	15.8	+0.7	23.8	29	-2	16	-3	54	0	dz.	1
UPPER EGYPT																		
FAIYÛM	00	8	18	2	0	0	—	15.5	-0.5	21.8	29	-3	17	0	47	0	0	0
MINYA	00	9	16	1	0	0	—	15.8	+0.1	26.0	30	0	16	-1	50	0	dz.	—
ASYÛṬ	00	7	00	0	0	0	—	15.8	+0.9	23.5	29	-1	18	0	47	0	0	0
NAG' ḤAMÂDI	00	8	00	0	0	0	—	15.6	+1.7	24.0	31	—	19	—	53	0	0	—
QENA	00	8	24	2	0	0	—	15.1	+1.5	23.0	34	-1	18	0	50	0	0	—
LUXOR	00	7	28	2	0	0	—	15.6	+2.0	26.4	34	-2	17	+1	34	0	0	—
ASWÂN	00	9	30	2	0	0	—	15.1	+2.2	23.7	35	-2	20	-1	35	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	15.6	-2.1	19.0	29	-3	10	-4	65	0	0	0
BAḤARÎYA	00	9	00	0	0	0	—	15.9	-0.8	22.0	32	+1	16	0	66	0	0	0
KHÂRGA	00	9	04	1	0	0	—	15.6	+1.1	20.3	32	-2	17	-1	69	0	0	—
DAKHLA	00	8	28	1	0	0	—	16.0	+0.6	19.0	35	+1	17	0	72	0	0	—
RED SEA																		
ṬÛR	00	7	28	3	0	0	—	14.7	+1.1	28.5	28	-1	19	+1	45	0	0	0
HURGHÂDA	00	8	26	2	0	0	—			25.9	30	-1	19	-1	35	0	0	0
QUSEIR	00	8	30	2	0	0	—	13.4	+0.1	26.0	30	-1	23	0	52	0	0	0
PORT SÛDÂN	01	8	22	2	1	4	8	12		32					71	0	0	6
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	2	0	2	2	14		24					34	0	0	—
KAREIMA	02	8	06	2	1	5	4,5	11		29					27	0	0	1
'ATBARA	02	7	02	2	1	6	2	8		28					55	dz.	dz.	1
KHARTÛM	01	8	30	3	8	4	4,1	8		30					55	1	1	2
KASSALA	01	8	18	2	1	3	1	9		28					58	0	1	4
CENTRAL SÛDÂN																		
WAD MEDANI	02	9	12	2	9	7	3	11		25					84	9	15	6
RENK	01	9	05	3	2	4	4	9		25	—		—		79	—	—	22
ROSEIRES	01	8	08	2	0	4	6	11		28					52	0	12	15
EL OBEID	02	9	26	3	1	6	4	10		24					65	0	19	8
EL FÂSHER	02	8	00	0	2	8	2	—	—	21					41	0	4	4
GENEINA	02	8	24	2	0	6	4,1	—	—	20	—		—		83	—	—	4
KADUGLI	02	8	28	4	1	7	4	12		23	—		—		78	—	—	68
S. SÛDÂN																		
MALAKÂL	02	8	08	1	2	8	4,5	10		26					74	0	54	52
WÂU	02	8	16	4	1	8	4,5	12		23					78	0	68	75
JUBA	97	3	32	2	9	8	6,9	12		21					94	36	77	53

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 17 Ch. — الرياح العليا يوم ١٧

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ḤELWÂN h. m.	MINYA h. m.	ASYÛṬ h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI HALFA h. m.	ABU HAMAD h. m.	KAREIMA h. m.	KHARTÛM h. m.
	7	6 h45	8 h45	7	7	6	7	7 h15	7 h15	7	6
	03 23 30	03 14 25	02 13 15	03 21 15	03 00 00	03 04 10	02 01 15	09 02 35	09 04 40	09 03 40	09 03 20
	06 22 20	06 19 20	05 19 25	06 20 05	05 33 10	06 11 25	05 36 10	15 35 30	15 06	15 07 30	15 02 35
	09 22 20	09 22 15	10 22 20	09 00 00	10 35 15	09 34 20	10 34 25	21 24 20	21 08 25	21 07 40	21 10 20
	12 22 25	12 26 15	15 22 20	12 28 15	15 32 15	12 33 05		27 21 30	27 08 30	27 07 30	30 20 30
	15 22 35	15 25 10	20 23 25	15 28 25		15 35 10		33 21 20		33 08 30	39 07 20
	18 23 25	18 26 10	25 25 30	18 28 30				39 21 30		39 09 30	
		21 29 15	30 23 20	21 28 30							
				24 29 45							

KASSALA h. m.	PORT SÛDÂN h. m.	EL OBEID h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL h. m.
6 h45	7	7		7	
09 18 25	09 10 15	09 31 30		09 27 10	
15 22 15	15 13 30	15 01 25		15 10 15	
21 24 15	21 14 40	21 05 15		21 10 30	
27 24 15	27 13 55	27 03 10		27 08 40	
33 25 15		33 02 10		33 07 40	
				39 04 30	

UPPER AIR TEMP. ALMÂZA AT 6 Ch. G.M.T. ON 17 Ch.

HEIGHT FEET	P.P.P. m.b.	T.T. °F	T.T. °F
Surface	1006	67	58
500	989	72	57
1000	970	72	57
1500	952	71	56
2000	936	68	56
4000	869	58	48
6000	806	48	43
8000	747	50	34
10000	690	43	30
12000	640	40	24
14000	591	31	24
16000	545	25	21

CYPRUS SYNOPTIC 8h. ON 17 Ch.

34723 02862 00027 14211 36307 00160

34807 02864 14226 15181 16207 00130

ANNUAL SUBSCRIPTION P.T. 150

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

Sunset 17 22 — Month October 1946

DAILY WEATHER REPORT

شهر أكتوبر ١٩٤٦

At 14h. on Thursday 17th — الساعة ١٤ يوم ١٧/١٠

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	°C Temp. (ttt)	% Humidity (uu)	Rain 8-14 hr. mms	Station Number
Mediterranean												
SALÛM												130
MATRÛH	01	9	24	3	0	4	8	12.3	28.4	26	0	131
MARIUT	01	8	27	3	0	3	8	13	28	37	0	150
ALEXANDRIA	01	9	24	2	1	3	8	13.4	27.0	37	0	151
DAMIETTA	00	8	28	2	0	0	—	13.1	29.3	29	0	159
PORT SA'ÎD	00	8	18	2	0	0	—	13.8	28.9	31	0	134
EL 'ARÎSH	00	9	30	3	0	0	—	14.2	27.8	32	0	135
Lower Egypt												
DAMANHÛR	00	7	28	3	0	2	8	13.4	29.6	29	0	136
MANSÛRA	00	8	20	1	0	0	—	13.4	29.5	33	0	137
TANTA	00	8	28	2	0	0	—	13.6	29.0	29	0	138
ZAGAZIG	00	6	32	2	0	0	—	13.6	29.6	33	0	139
SHEBÎN EL KÔM	00	8	32	3	0	0	—	12.6?	31.3	23	0	—
Middle Egypt												
CAIRO ALMÂZA	00	8	20	3	0	0	—	13.3	30.1	23	0	141
CAIRO EZBEKÎYA	00	8	18	1	0	0	—	13.4	30.9	28	0	—
CAIRO GÎZA	00	8	26	3	0	0	—	14.0	30.9	28	0	—
HELWÂN	00	8	24	1	0	0	—	13.2	29.8	31	0	143
SUEZ	00	9	16	1	0	0	—	13.9	29.0	34	0	144
Upper Egypt												
FAIYÛM	00	8	26	1	0	0	—	12.6	30.0	26	0	153
MINYA	00	9	20	2	0	0	—	14.3?	32.0	28	0	154
ASYÛT	00	8	22	1	0	0	—	13.9	30.0	30	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	13.1	30.6	33	0	164
QENA	00	9	24	2	0	0	—		32.6	37	0	156
LUXOR	00	7	20	2	0	0	—	13.1			0	157
ASWÂN	00	9	30	2	0	0	—	11.2	32.7	16	0	158
Western Desert												
SÎWA	00	8	00	0	0	0	—	15.1	30.0	55	0	148
BAHARÎYA												149
KHÂRGA	00	9	02	1	0	0	—	13.4	31.9	27	0	151
DAKHLA	00	9	28	1	0	0	—	13.1	31.0	37	0	152
Red Sea												
TÛR	00	7	28	3	0	0	—	13.8	28.5	57	0	145
HURGHÂDA	00	8	02	3	0	0	—	—	29.2	38	0	146
QUSEIR	00	8	04	2	0	0	—	12.4	30.0	76	0	147
PORT SÛDÂN	00	8	04	3	1	3	8	9	35	70		288
North Sûdân												
WÂDI HALFA	00	8	02	3	0	3	1	10	34	18		165
KAREIMA	01	8	02	3	1	4	4,1	7	38	22		166
'ATBARA	01	8	08	3	1	4	8,1	3	39	20		167
KHARTÛM	01	8	32	3	1	4	8,4	5	37	24		289
KASSALA	01	8	06	5	1	4	8,4,1	3	38	21		170
Central Sûdân												
WAD MEDANI	01	9	18	2	1	4	3	5	34	36		171
RENK	01	9	28	3	1	4	8	4	31	49		182
ROSEIRES	01	9	12	1	1	5	8	6	34	36		172
EL OBEID	03	8	06	2	2	8	8,4	4	34	32		174
EL FÂSHER	02	8	32	3	1	6	2	—	34	15		175
GENEINA	02	8	04	4	1	6	9,1	—	33	28		179
KADUGLI	02	8	28	3	1	5	9	6	33	47		187
S. Sûdân												
MALAKÂL	28	8	26	2	9	5	9	6	28	58		176
WÂU												177
JUBA	02	8	26	5	2	6	8,5	10	21	94		178

At 20h. on 17th — الساعة ٢٠ يوم ١٧ الخميس

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	°C Temp. (ttt)	% Humidity (uu)	Rain 14-20 hr. mms
Mediterranean											
SALÛM											
MATRÛH	01	8	00	0	1	4	8	12.7	23.0	65	0
MARIUT	00	7	08	1	0	0	—	14	19	83	0
ALEXANDRIA	01	6	12	2	2	4	8	14.3	22.4	55	0
DAMIETTA	00	7	28	1	0	0	—	14.0	23.7	62	0
PORT SA'ÎD	00	8	06	2	0	0	—	14.3	24.2	54	0
EL 'ARÎSH	00	9	12	1	0	0	—	14.2	21.9	66	0
Lower Egypt											
DAMANHÛR	00	7	28	3	0	0	—	13.6?	21.8	67	0
MANSÛRA	00	6	02	1	0	0	—	14.3	21.3	72	0
TANTA	00	8	24	1	0	0	—	14.7	20.5	66	0
ZAGAZIG	00	6	32	2	0	0	—	14.5	21.2	54	0
SHEBÎN EL KÔM	00	7	30	2	0	0	—	13.2	21.6	60	0
Middle Egypt											
CAIRO ALMÂZA	00	7	04	1	0	0	—	13.6	25.0	33	0
CAIRO EZBEKÎYA	00	6	02	1	0	0	—	13.6	22.4	48	0
CAIRO GÎZA	00	8	00	0	0	0	—	14.0	22.8	48	0
HELWÂN	00	6	00	0	0	0	—	13.8	24.9	24	0
SUEZ	00	9	00	0	0	0	—	14.2	24.4	43	0
Upper Egypt											
FAIYÛM	00	8	00	0	0	0	—	12.8	21.1	67	0
MINYA	00	9	16	1	0	0	—	13.2	24.2	48	0
ASYÛT	00	6	00	0	0	0	—	13.5	23.1	69	0
NAG' HAMÂDI	00	8	00	0	0	0	—	13.2	24.1	54	0
QENA	00	6	24	1	0	0	—	12.8	24.2	49	0
LUXOR	00	6	28	1	0	0	—	12.8	25.0	34	0
ASWÂN	00	9	32	1	0	0	—	11.9	28.0	22	0
Western Desert											
SÎWA	00	—	00	0	0	0	—	12.0	22.3	58	0
BAHARÎYA											
KHÂRGA	00	9	20	1	0	0	—	13.4	27.6	29	0
DAKHLA	00	7	28	1	0	0	—	15.0	23.0	29	0
Red Sea											
TÛR	00	7	28	3	0	0	—	12.8	25.2	50	0
HURGHÂDA	00	8	28	2	0	0	—	—	25.1	39	0
QUSEIR	00	8	32	2	0	0	—	11.9	25.0	70	0
PORT SÛDÂN											
North Sûdân											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
Central Sûdân											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. Sûdân											
MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 17th — الرياح العليا يوم ١٧

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	12h. 30m.	12 h. 30 m.	12 h. 30 m.	h. m.	h. m.	h. m.	12 h. 30 m.	13 h. m.	13 h. m.	13 h. m.	13 h. m.	h. m.	13 h. m.
	03 26 20	03 21 15	03 21 15				09 02 25	09 04 15	09 36 20	09 12 05	09 07 10		09 03 15
	06 26 15	06 21 20	06 20 20				15 03 05	15 04 20	15 03 25	15 05 05	15 07 05		15 06 20
	09 24 25	09 22 20	09 21 15				21 18 20	21 05 20	21 07 30	21 08 15	21 05 35		18 06 20
	12 25 20	15 22 25	12 19 30				27 18 10	27 07 20	24 07 30	27 10 20	27 07 30		
	15 24 15	21 24 25	15 22 35					33 08 20			33 08 20		
	21 30 20	30 23 20	18 22 35										
	30 26 20	33 23 35	21 22 25										
			27 22 20										
			30 23 10										

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	18-10	4799	5739
	17-10	4941	6062

STATION	Mean of day: Humidity % on 17th	Humidity Diff from normal	Wet Bulb Temp °C on 17th	Wet Bulb Temp Diff from normal
Alexandria	47	-21	17.2	-2.9
Ezbekîya	42	-24	16.7	-2.5
Gîza	55	-13	17.1	-2.0
Helwân	32	-21	15.6	-2.2

GÎZA — GRASS MINIMUM TEMP. ON 18th 10.2 °C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 16th 25.4° °C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	18	13.50	-0.18	13.39	-0.30
Nâsser		11.26	+0.71	11.25	+0.71
Malakâl		12.82	+0.52	12.80	+0.50
J. Aulia Res.				377.29	—
J. Aulia D.S				373.86	-0.14
Roseires		16.98	+1.06	16.90	+0.88
Sennar Res.		17.20	—	17.20	—
Khartûm		13.84	-0.12	13.86	-0.16
Kh. el Girba					
'Atbara		13.07	+0.01	13.16	-0.02
Kajnarti		139.10	-0.02	139.17	-0.08
Aswân Res.		111.85	—	111.66	—
Aswân D.S		89.35	-0.67	90.00	-0.60
Roda (Cairo)		18.80	+0.22	18.80	+0.26

Printed by the Survey of Egypt, 1945 (45/306)

DAILY WEATHER REPORT

شهر أكتوبر ١٩٤٦

At 8h. on Friday 18th — الساعة ٨ يوم ١٨ الجمعة

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Pressure M.S.L. 1000+ mbs. (ppp)	Diff. from normal mbs.	Temperature Dry Bulb °C (ttt)	Maximum Yesterday °C (mm)	Maximum Diff. from norm. °C	Minimum Today °C (mm)	Minimum Diff. from norm. °C	% Humidity (uu)	Rainfall Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct. 1 mms
Mediterranean																		
SALÛM												—		—				2
MATRÛH	01	9	00	0	5	4	8	13.0	-3.7	20.4	30	+3	17	-1	67	tr	9	8
MARIUT	00	7	16	2	0	1	8	13	—	22	28	—	17	—	65	0	2	3
ALEXANDRIA	01	9	12	3	2	4	4	13.5	-3.2	22.4	28	0	20	0	55	0	2	3
DAMIETTA	00	8	12	2	0	0	—	13.4	-2.3	25.4	30	—	19	—	57	0	tr	3
PORT SA'ÎD	00	7	12	3	0	2	4	13.8	-1.4	23.7	31	+3	19	-2	47	0	4	1
EL 'ARÎSH	00	9	14	1	0	0	—	13.6	-1.7	23.8	31	+3	14	-3	52	0	0	2
Lower Egypt																		
DAMANHÛR	00	6	20	2	0	0	—	13.4	-3.1	21.4	31	+1	17	0	68	0	1	2
MANSÛRA	00	8	12	1	0	0	—	12.5	-2.5	23.0	31	0	16	-1	60	0	0	1
TANTA	00	8	20	1	0	0	—	13.9	-2.6	24.0	30	0	14	-2	61	0	0	1
ZAGAZIG	00	6	32	2	0	0	—	13.8	-2.7	22.4	31	+1	15	0	70	0	0	1
SHEBÎN EL KÔM	00	8	16	2	0	0	—	12.8	-3.6	20.5	32	—	17	—	72	0	0	—
Middle Egypt																		
CAIRO ALMÂZA	00	7	00	0	0	0	—	13.5	-2.6	22.9	31	—	16	—	34	0	tr	—
CAIRO EZBEKÎYA	05	6	16	2	0	1	4	14.0	-2.1	22.2	31	+1	17	0	44	0	tr	1
CAIRO GÎZA	05	7	00	0	0	0	—	14.3	-2.0	23.2	32	+3	18	-2	55	0	tr	1
HELWÂN	00	6	00	0	0	0	—	14.3	-2.0	21.6	30	0	18	0	41	0	0	0
SUEZ	00	9	00	0	0	0	—	14.4	-0.8	21.0	31	0	16	-3	49	0	tr	1
Upper Egypt																		
FAIYÛM	00	8	00	0	0	0	—	14.4	-1.6	19.5	31	0	15	-2	56	0	0	0
MINYA	00	9	24	2	0	0	—	15.2	-0.5	21.7	32	+2	18	+1	49	0	tr	—
ASYÛT	00	7	00	0	0	0	—	15.0	0.0	22.0	31	+1	17	-1	50	0	0	0
NAG' HAMÂDI	00	8	00	0	0	0	—	15.0	-1.0	24.2	31	—	17	—	56	0	0	—
QENA	00	8	22	2	0	0	—	14.7	+1.1	22.0	34	-1	17	-1	52	0	0	—
LUXOR	00	7	28	2	0	0	—	14.8	+1.1	26.0	34	-2	17	-2	35	0	0	—
ASWÂN	00	9	32	3	0	0	—	14.0	+1.0	27.0	33	-3	21	0	26	0	0	—
Western Desert																		
SÎWA	00	7	00	0	0	0	—	15.0	-2.7	20.3	31	-1	14	0	75	0	0	0
BAHARÎYA																	0	0
KHÂRGA	00	9	20	1	0	0	—	14.8	+0.3	20.0	32	-2	16	-2	55	0	0	—
DAKHLA	00	8	00	0	0	0	—	15.0	-0.5	21.0	32	-2	17	0	58	0	0	—
Red Sea																		
TÛR	00	7	04	4	0	0	—	14.3	+0.6	24.9	29	0	16	-2	60	0	0	0
HURGHÂDA	00	8	28	1	0	0	—	—	—	24.9	30	-1	17	-2	28	0	0	0
QUSEIR	00	8	26	2	0	0	—	12.0	-1.4	26.0	31	0	22	-1	36	0	0	0
PORT SÛDÂN	01	9	30	3	1	4	8	12		29					74	0	0	7
North Sûdân																		
WÂDI HALFA	00	8	02	2	0	1	1	13		24					47	0	0	—
KAREIMA	00															0	0	1
'ATBARA	00	8	06	2	0	0	—	9		29					37	0	tr	1
KHARTÛM	00	8	08	3	0	0	—	8		31					43	0	1	2
KASSALA	00	7	10	4	0	0	—	8		33					26	0	1	4
Central Sûdân																		
WAD MEDANI	00	9	16	3	0	0	—	10		28					62	0	15	6
RENK	01	8	20	3	1	5	9	11		24		—		—	84	—	—	24
ROSEIRES	00	8	17	3	0	2	4	13?		26					70	0	12	16
EL OBEID	02	9	20	3	1	5	4	9		26					62	0	19	9
EL FÂSHER	02	8	00	0	1	5	8,1	—	—	23					36	0	4	5
GENEINA								—	—			—		—		—	—	4
KADUGLI	01	8	28	2	1	4	9	10		23		—		—	84	—	—	70
S. Sûdân																		
MALAKÂL	02	8	10	2	1	8	0,4	12		29					70	26	80	54
WÂU	03	8	12	5	9	8	0,4,2	10		23					84	37	105	80
JUBA	02	8	16	1	1	5	4,2	14		23					89	27	104	56

UPPER WINDS ON 18th — الرياح العليا يوم ١٨

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	7 h. m.	6 h. 45 m.	h. m.	7 h. m.	h. m.	7 h. m.	h. m.	7 h. m.	7 h. 15 m.	h. m.	6 h. 30 m.
	03 18 30	03 15 15		03 02 10		03 04 15		09 03 40	09 07 20		09 10 25
	06 22 30	06 17 10		06 04 05		06 01 15		15 12 15	15 10 35		15 11 35
	09 23 30	09 19 15		09 05 15		09 36 10		21 11 20	21 05 35		21 09 30
	15 24 35			15 27 30		15 23 20		27 17 20	27 02 15		24 09 20
	21 26 20			21 29 35		21 18 40		33 20 30	33 03 15		30 06 20
	30 27 30			30 27 35		27 21 60		39 22 20	39 07 10		39 05 30
	36 25 40					30 22 40					
	42 23 50					39 21 45					
	45 25 65					45 21 85					

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. m.	7 h. m.	7 h. 30 m.	7 h. m.	h. m.	7 h. 15 m.
09 11 40	09 11 20	09 28 15	09 01 05		09 18 15
15 13 50	15 04 20	15 03 15	15 06 25		15 15 20
21 14 35	21 14 45	21 05 30	21 07 40		21 08 20
27 14 30	27 17 30	27 05 30	27 08 30		27 06 30
33 14 20		33 07 20	33 16 10		33 05 25
		39 09 20			

UPPER AIR TEMP. ALMÂZA AT 6h G.M.T. ON 18th

HEIGHT FEET	P.P.P m.b.	T.T °F	t.t °F
Surface	1004	68	57
500	986	74	58
1000	968	74	57
1500	951	72	56
2000	934	69	55
4000	867	57	49
6000	804	48	42
8000	746	44	32
10000	690	43	31
12000	639	36	28
14000	590	29	27
16000	544	22	20

CYPRUS SYNOPTIC 8h. ON 18th

34730 01854 00054 13201 70XXX 97180

34837 01953 08314 15211 75305 00160

ANNUAL SUBSCRIPTION P.T. 150

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	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	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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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.

Sunset 17 31 — Month October 1946

DAILY WEATHER REPORT

شهر أكتوبر ١٩٤٦

At 14h. on Friday 18th — الساعة ١٤ يوم ١٠/١٨ ; At 20h. on 18th — الساعة ٢٠ يوم الجمعة ١٨

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	8	28	3	1	3	8	13.0	22.6	64	0	01	8	32	4	0	4	8	14.3	23.0	66	0	131
MARIUT	01	8	24	2	1	4	4	12			0	00	7	27	2	0	0	—	14	23	57	0	150
ALEXANDRIA	01	9	28	2	2	3	8	12.0	27.7	43	0	00	5	28	2	0	0	—	14.2	23.0	56	0	132
DAMIETTA	01	8	28	2	1	3	6	12.3	28.6	36	0	01	7	18	1	1	4	7	12.7	22.8	76	0	159
PORT SAÏD	01	8	26	2	1	3	4	12.7	28.9	32	0	00	8	06	2	0	0	—	13.2	23.4	59	0	134
EL 'ARÎSH	00	9	30	3	0	0	—	12.3	26.8	49	0	00	9	28	2	0	0	—	13.4	22.2	72	0	135
LOWER EGYPT																							
DAMANHÛR	01	7	28	3	1	4	8	12.8	28.6	48	0	00	6	28	3	1	0	—	13.1	20.8	67	0	136
MANSÛRA	01	8	28	2	1	3	8	12.4	30.5	31	0	00	6	02	1	1	0	—	13.8	23.6	61	0	137
TANTA	00	8	28	3	0	0	—	12.3	30.7	33	0	00	8	20	1	0	0	—	14.0	21.3	63	0	138
ZAGAZIG	00	6	24	2	0	0	—	13.0	31.6	34	0	00	7	24	2	0	0	—	13.1	22.9	69	0	139
SHEBÎN EL KÔM	00	8	26	2	0	2	8	12.2	32.2	27	0	01	7	30	2	1	3	6	12.6	23.6	52	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	28	3	0	2	8	12.3	30.2	24	0	01	7	15	1	1	3	0	12.9	25.2	33	0	141
CAIRO EZBEKÎYA	00	8	20	2	0	1	8	12.6	31.2	25	0	01	6	00	0	0	3	8	13.2	23.7	45	0	—
CAIRO GÎZA	00	8	26	3	0	0	—	13.0	31.9	20	0	00	8	00	0	0	0	—	13.9	19.7	70	0	—
HELWÂN	00	8	00	0	0	1	8	12.7	29.2	24	0	00	7	18	1	0	1	8	13.6	25.1	29	0	143
SUEZ	00	9	14	1	0	0	—	12.7	30.8	27	0	00	9	00	0	0	0	—	13.0	24.0	56	0	144
UPPER EGYPT																							
FAIYÛM	01	8	30	2	1	3	8	12.8	30.5	29	0	01	8	02	1	1	3	8	13.5	22.8	55	0	153
MINYA	00	9	28	2	0	0	—	14.0	32.5	29	0	01	8	32	1	1	4	3	13.6	29.5	34	0	154
ASYÛT	00	8	22	1	0	0	—	13.0	30.9	29	0	00	6	22	1	0	0	—	14.0	27.1	37	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	12.7	30.2	31	0	00	8	00	0	0	0	—	13.4	23.0	66	0	164
QENA	00	9	24	2	0	0	—	11.9	30.4	43	0	00	6	24	1	0	0	—	12.3	24.3	50	0	156
LUXOR	00	7	30	2	0	0	—	12.0	34.0	36	0	00	6	28	1	0	0	—	13.0	27.8	34	0	157
ASWÂN	00	9	32	2	0	0	—	10.4	33.0	21	0	00	9	32	3	0	0	—	11.6	30.0	16	0	158
WESTERN DESERT																							
SÎWA	00	8	28	3	0	0	—	15.1	27.2	61	0	00	—	00	0	0	0	—	15.4	22.4	71	0	148
BAHARÎYA	01	9	00	0	1	4	—	12.7	28.5	49	0	00	—	00	0	0	0	—	15.9	22.0	66	0	149
KHÂRGA	00	9	32	1	0	0	—	13.0	32.9	29	0	00	9	30	1	0	0	—	14.1	27.4	29	0	151
DAKHLA	00	9	00	0	0	0	—		31.0	37	0	00	7	32	1	0	0	—	15.1	21.0	64	0	152
RED SEA																							
TÔR	00	7	28	3	0	0	—	12.7	30.5	52	0	00	7	28	3	0	0	—	13.0	24.2	59!	0	145
HURGHÂDA	00	8	02	3	0	0	—	—	29.9	37	0	00	8	28	2	0	0	—	—	24.2	41	0	146
QUSEIR	00	8	32	3	0	0	—	11.5	30.0	49	0	00	8	30	2	0	0	—	11.5	26.2	62	0	147
PORT SÛDÂN	00	8	04	2	1	3	8	9	32	63													468
NORTH SÛDÂN																							
WÂDI HALFA	00	8	02	3	0	0	—	9	35	15													165
KAREIMA	00	8	04	2	0	0	—	6	38	15													166
'ATBARA	00	8	32	1	0	1	8	5	38	15													167
KHARTÛM	00	8	16	3	0	2	8	3	39	16													200
KASSALA	00	8	14	2	1	2	0,5	3	38	25													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	20	3	0	4	8	3	37	24													171
RENK	01	9	20	3	1	4	8	5	32	49													182
ROSEIRES	90	6	24	1	9	7	9		22	28													172
EL OBEID	00	9	00	0	0	1	8,2	4	35	25													174
EL FASHER	01	9	06	2	1	4	8,1	—	34	18													175
GENEINA	01	8	07	2	1	4	4,1	—	34	15													179
KADUGLI	02	8	12	3	1	5	9	6	33	47													187
S. SÛDÂN																							
MALAKÂL	01	8	16	1	1	5	8	7	31	59													176
WÂU	01	8	00	0	1	4	8,4	7	30	55													177
JUBA	01	8	04	2	1	3	4	7	30	52													178

UPPER WINDS ON 18th — الرياح العليا يوم ١٨

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT 12h.30m.	PORT SAÏD 12h.30m.	ALMÂZA 12h.30m.	MINYA 12h.45m.	LUXOR 12h.45m.	HURGHÂDA h. m.	WÂDI HALFA 13h.15m.	KAREIMA 13h. m.	KHARTÛM 12h.30m.	KASSALA 13h. m.	EL OBEID 12h.30m.	MALAKAL 13h. m.	JUBA 13h. m.
	03 22 20	03 27 15	03 23 10	03 25 10	03 25 20		09 02 30	09 06 05	09 04 10	09 18 20	09 27 05	09 09 10	09 00 00
	06 23 25	06 26 30	09 27 05	06 25 15	06 25 15		15 18 10	15 06 05	18 24 20	15 17 20	15 22 20	15 11 15	15 04 05
	09 24 30	09 27 20	15 29 30	09 28 20	09 02 25		18 16 20	21 N 20		21 15 20	21 09 30	21 10 05	21 06 15
	15 25 25	15 27 25	21 26 30	15 31 25	15 22 30			27 12 20		27 13 35	27 09 30	27 11 10	27 07 20
	21 24 30		30 32 45	21 30 35									
	30 25 45												

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 18th	Diff from normal	Wet bulb temp °C on 18th	Diff from normal
Alexandria	53	-15	18.0	-2.1
Ezbekiya	38	-28	17.0	-2.1
Giza	56	-12	17.4	-1.6
Halwân	29	-24	15.5	-2.2

GÎZA — GRASS MINIMUM TEMP. ON 19th 11.9° C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON 19th 24.9° C

Discharges at Aswân measured by sluices m³ per sec. DATE	1946	1945
19 - 10	4630	5469
18 - 10	4799	5739

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	19th			13.50	-0.18
Nâsser				11.26	+0.71
Malakâl		12.82	+0.52	12.82	+0.52
J. Aulia Res.					
J. Aulia D S					
Roseires		17.42	+1.62	16.98	+1.06
Sennar Res.				17.20	—
Khartûm				13.84	-0.12
Kh. el Girba					
'Atbara		13.00	0.00	13.07	+0.01
Kajnarti		139.02	-0.01	139.10	-0.02
Aswân Res.		112.02	—	111.85	—
Aswân D.S		89.70	-0.70	89.85	-0.67
Roda (Cairo)		18.85	+0.27	18.80	+0.22

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on Saturday 19th — الساعة ٨ يوم السبت ١٩

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct 1 mms
MEDITERRANEAN																		
SALÛM												—		—				2
MATRÛH	60	9	24	1	6	7	9	16.6	-0.2	24.3	28	+1	18	0	53	2	11	7
MARIUT	02	7	30	2	2	6	6	14	—	25	27	—	21	—	65	1	3	3
ALEXANDRIA	02	9	30	4	5	5	9	15.1	-1.7	23.5	29	+1	21	+1	64	1	3	3
DAMIETTA	01	8	20	3	1	3	6	13.8	-2.0	21.8	30	—	18	—	72	0	dr	3
PORT SAÏD	01	7	26	3	1	3	4	14.0	-1.2	23.3	30	+2	21	+1	57	0	4	1
EL 'ARÎSH	00	9	16	2	0	0	—	13.5	-1.8	24.9	31	+3	16	-1	47	0	0	2
LOWER EGYPT																		
DAMANHÛR	01	6	24	2	1	3	4	14.2	-2.3	20.8	31	+1	17	0	67	0	1	2
MANSÛRA	01	8	20	1	1	4	0	14.4	-1.7	21.5	32	+2	17	0	76	0	0	1
TANTA	00	8	24	1	0	0	—	14.8	-1.6	22.0	31	+1	15	-1	74	0	0	1
ZAGAZIG	00	6	24	2	0	0	—	14.4	-2.2	23.1	32	+2	17	+2	73	0	0	1
SHEBÎN EL KÔM	00	8	22	2	0	0	—	13.9?	-2.6	19.8	33	—	17	—	77	0	0	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	8	18	1	0	0	—	15.0	-1.2	21.7	31	—	18	—	70	0	dr	—
CAIRO EZBEKÎYA	05	6	16	1	0	0	—	15.4	-0.8	20.6	32	+2	18	+1	73	0	dr	1
CAIRO GÎZA	05	6	18	1	0	0	—	15.8	-0.6	24.0	32	+3	15	0	63	0	dr	1
HELWÂN	00	7	00	0	0	0	—	15.9	-0.5	20.1	31	+1	17	-1	73	0	0	0
SUEZ	00	9	30	1	0	0	—	15.2	-0.1	24.0	32	+1	16	-3	51	0	dr	1
UPPER EGYPT																		
FAIYÛM	00	8	30	2	0	0	—	16.0	0.0	21.2	32	+1	17	0	74	0	0	0
MINYA	00	9	32	3	0	0	—	16.0	+0.2	22.6	34	+4	17	0	69	0	dr	—
ASYÛT	00	7	20	1	0	0	—	15.6	+0.5	23.1	32	+2	19	+1	55	0	0	0
NAG' HAMÂDI	00	8	00	0	0	0	—	15.0	+0.9	24.8	32	—	14	—	61	0	0	—
QENA	00	7	24	2	0	0	—	14.2	+0.5	21.4	35	+1	17	-1	57	0	0	—
LUXOR	00	7	28	2	0	0	—	14.4	+0.6	26.8	35	+1	18	0	32	0	0	—
ASWÂN	00	9	32	3	0	0	—	13.1	+0.1	26.0	35	-1	22	+1	25	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	19.0	+1.3	19.9	29	-2	13	-3	82	0	0	0
BAHARÎYA	00	9	00	0	0	0	—	14.2	-2.6	24.0	33	+2	18	+2	67	0	0	0
KHÂRGA	00	9	30	1	0	0	—	15.2	+0.6	25.8	34	0	18	6	32	0	0	—
DÂKHLA	00	8	32	1	0	0	—	16.2	+0.7	23.0	33	0	19	+6	66	0	0	—
RED SEA																		
TÔR	00	7	04	3	0	0	—	13.4	-0.4	24.1	31	+3	19	+1	54	0	0	0
HURGHÂDA	00	8	26	2	0	0	—	—	—	27.2	31	0	18	-1	24	0	0	0
QUSEIR	00	8	28	2	0	0	—	12.3	-1.1	25.6	31	+1	23	0	33	0	0	0
PORT SÛDÂN	01	8	32	2	1	4	6	11		31					66	0	0	7
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	2	0	0	—	12		26					32	0	0	—
KAREIMA	00	8	06	3	0	0	—	9		28					35	0	0	1
'ATBARA	00	8	08	2	0	0	—	9		31					43	0	dr	1
KHARTÛM	02	8	20	3	1	5	4,5	8		29					52	0	1	2
KASSALA	00	8	14	2	0	0	—	9		28					52	0	1	5
CENTRAL SÛDÂN																		
WAD MEDANI	25	9	00	0	8	8	0	10		25					70	dr	15	6
RENK	01	9	16	3	1	4	4	9		27		—		—	70	—	—	25
ROSEIRES	00	8	16	1	0	0	—			24					74	2	14	17
EL OBEID	01	9	20	3	1	4	1	8		28					48	0	19	9
EL FÂSHER	01	9	00	0	1	5	2	—	—	25					36	0	4	5
GENEINA	01	8	32	1	0	4	4	—	—	21		—		—	43	—	—	4
KADUGLI	02	8	28	3	1	5	4	10		24		—		—	74	—	—	72
S. SÛDÂN																		
MALAKÂL	01	8	00	0	1	4	4	9		26					89	0	80	56
WÂU	01	8	00	0	1	4	4,1	9		24					84	0	105	85
JUBA	03	8	00	0	1	8	4,5	11		23					94	0	104	59

UPPER WINDS ON 19th — الرياح العليا يوم ١٩

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT 6h.45m.	PORT SAÏD h. m.	HELWÂN 9h.00m.	MINYA 7h. m.	ASYÛT 7h. m.	LUXOR 7h. m.	ASWÂN 7h. m.	WÂDI HALFA 7h.15m.	ABU HAMAD 7h.15m.	KAREIMA h. m.	KHARTÛM 6h.30m.
	03 34 25		02 25 10	03 36 30	02 29 10	03 35 10	02 02 15	09 03 40	09 07 30		09 30 15
	06 34 15		05 26 15	06 35 20	05 34 20	06 01 30	05 03 35	15 08 30	15 05 35		15 06 25
	09 34 20		08 26 15	09 31 15	10 35 10	09 36 35	10 04 35	21 15 15	21 05 15		21 08 25
			10 29 15	12 31 15	15 29 20	12 35 35	15 14 05	27 18 15			27 08 35
			15 28 30	15 27 25	20 29 25	15 35 02	20 17 25	33 27 10			
			19 27 40	18 09 30		18 25 20	25 15 15	39 32 15			
				21 11 30		21 22 20					
				27 27 25		24 20 20					
				30 28 20		27 19 20					

KASSALA 7h. m.	PORT SÛDÂN 7h. m.	EL OBEID 7h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL 7h. m.
09 17 05	09 11 15	09 24 55			09 21 05
15 15 20	15 11 30	15 22 15			15 20 05
21 10 15		33 08 40			21 18 10
27 06 15		39 06 55			27 18 10
					33 15 05
					39 11 15

CYPRUS SYNOPTIC 8h. ON 19th

34720 00962 00012 11191 600XX 06151

34824 09763 22253 12181 30101 01131

UPPER AIR TEMP. ALMÂZA AT 6h GMT ON 19th

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	1005	66	62
500	988	67	62
1000	969	66	61
1500	952	65	60
2000	934	64	56
4000	808	57	48
6000	805	49	40
8000	746	47	35
10000	691	42	30
12000	640	36	24
14000	590	32	25
16000	544	25	22

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

ANNUAL SUBSCRIPTION P.T. 150

Sunset 17 h. Month October 1946

DAILY WEATHER REPORT

At 14h. on Saturday 19th 10/19 الساعة ١٤ بتوقيت السبت ١٩

Station	Present Weather ww	Visibility v	Wind Dir. dd	Wind Force f	Past Weather w	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. ppp	°C TEMP. ttt	% HUMIDITY uu	Rain 8-14 h. mms
MEDITERRANEAN											
SALŪM											
MATRŪH	02	9	30	3	6	5	9	16.6	22.2	69	2
MARIUT	01	7	28	3	2	4	0,24	15	25	51	0
ALEXANDRIA	02	9	30	3	2	5	8	15.4	25.4	47	0
DAMIETTA	01	8	26	4	1	5	9	13.5	24.0	60	0
PORT SA'ÎD	14	7	26	5	3	4	8	13.9	26.0	59	0
EL 'ARÎSH	00	9	28	4	0	2	3	13.2	26.1	59	0
LOWER EGYPT											
DAMANHŪR	01	7	32	4	6	4	8	14.6	25.3	55	1
MANSŪRA	50	7	02	2	5	5	9	14.3	24.8	61	dr
TANTA	02	8	28	2	2	6	6	14.6	26.0	48	0
ZAGAZIG	01	6	24	2	1	4	8	13.9	27.6	52	0
SHEBÎN EL KÔM	51	8	30	4	5	5	9	13.8	25.9	55	dr
MIDDLE EGYPT											
CAIRO ALMÂZA	02	8	28	2	1	5	8	13.7	26.8	57	0
CAIRO EZBEKÎYA	02	8	30	3	1	5	8	14.2	27.1	46	0
CAIRO GÎZA	02	7	30	2	1	5	6	14.3	28.0	44	0
HELWÂN	01	9	30	1	1	5	8	14.4	26.4	41	0
SUEZ	01	9	30	1	1	4	3	13.6	30.0	33	0
UPPER EGYPT											
FAIYŪM	01	8	30	2	1	4	8	13.9	28.0	42	0
MINYA	00	9	32	3	0	0	—	14.6	29.0	40	0
ASYŪT	00	7	22	1	0	0	—	13.9	28.5	32	0
NAG' HAMÂDI	00	8	24	1	0	0	—	12.6	31.0	31	0
QENA	00	8	22	2	0	0	—	11.2	33.6	34	0
LUXOR	00	7	12	2	0	0	—	12.3	34.0	33	0
ASWÂN	00	9	30	3	0	0	—	10.0	34.4	15	0
WESTERN DESERT											
SÎWA	00	8	00	0	0	0	—	17.9	26.2	35	0
BAHARÎYA											
KHÂRGA	00	9	32	2	0	0	—	13.6	31.1	17	0
DAKHLA	00	9	32	1	0	0	—	—	32.0	28	0
RED SEA											
TÛR	00	7	28	3	0	0	—	13.8	29.5	57	0
HURGHADA	00	8	02	2	0	0	—	—	30.7	34	0
QUSEIR	00	8	02	2	0	0	—	11.8	31.0	49	0
PORT SŪDÂN	01	8	00	0	1	4	8	9	32	66	—
NORTH SŪDÂN											
WÂDI HALFA	00	8	02	4	0	0	—	8	36	13	
KAREIMA											
'ATBARA	01	8	12	3	1	4	8	4	37	22	
KHARTŪM	01	8	30	3	1	4	8,4	4	36	21	0
KASSALA	01	8	04	1	0	5	8	3	29	23	
CENTRAL SŪDÂN											
WAD MEDANI	02	8	00	0	1	6	8	4	34	27	
RENK	01	9	28	3	1	4	8	3	34	23	
ROSEIRES	01	8	32	2	1	4	8	5	34	41	
EL OBEID	01	9	22	2	1	4	8,2	3	34	22	
EL FÂSHER	01	9	32	4	1	4	8,1	—	33	23	
GENEINA	01	8	28	3	0	3	6,4	—	34	16	
KADUGLI	02	8	28	3,5	1	5	9	5	31	70	
S. SŪDÂN											
MALAKÂL	01	8	10	1	1	5	9,4	5	33	47	
WÂU											
JUBA	02	8	02	1	8	5	8	6	31	55	

At 20h. on 19th السبت ١٩ الساعة ٢٠ بتوقيت

Station	Present Weather ww	Visibility v	Wind Dir. dd	Wind Force f	Past Weather w	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. ppp	°C TEMP. ttt	% HUMIDITY uu	Rain 14-20 h. mms	Station Number
MEDITERRANEAN												
SALŪM												130
MATRŪH	01	8	30	3	2	4	8	18.0	22.0	50	0	131
MARIUT	02	7	30	2	2	5	8	16	22	50	0	150
ALEXANDRIA	01	5	30	4	2	4	8	17.1	23.4	54	0	132
DAMIETTA	14	8	26	5	1	2	6	15.8	21.8	55	0	159
PORT SA'ÎD	14	7	26	6	3	3	8	16.8	22.1	59	0	134
EL 'ARÎSH	01	8	28	4	5	4	—	16.0	23.7	67	0	135
LOWER EGYPT												
DAMANHŪR	00	7	32	3	1	0	—	16.6	20.0	72	0	136
MANSŪRA	00	6	32	2	1	0	—	16.7	20.6	71	0	137
TANTA	01	8	28	1	2	4	8	17.4	19.0	76	0	138
ZAGAZIG	00	6	32	2	0	0	—	16.7	20.2	73	0	139
SHEBÎN EL KÔM	00	7	30	2	1	0	—	16.3	24.9	40	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	00	7	04	2	1	3	0	16.6	21.9	71	0	141
CAIRO EZBEKÎYA	00	6	02	1	0	0	—	17.2	22.8	69	0	—
CAIRO GÎZA	00	8	32	1	0	0	—	17.1	21.3	65	0	—
HELWÂN	00	7	32	4	0	0	—	17.1	22.0	58	0	143
SUEZ	00	9	30	2	0	0	—	16.6	23.0	65	0	144
UPPER EGYPT												
FAIYŪM	01	8	32	3	1	4	8	16.2	23.4	55	0	153
MINYA	00	9	32	1	0	0	—	14.6	24.8	48	0	154
ASYŪT	00	6	28	1	0	0	—	15.2	24.4	57	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	14.3	23.2	56	0	164
QENA	00	6	32	2	0	0	—	12.7	24.6	43	0	156
LUXOR	00	6	28	3	0	0	—	13.1	27.3	30	0	157
ASWÂN	00	9	32	4	0	0	—	11.5	31.0	13	0	158
WESTERN DESERT												
SÎWA	00	—	00	0	0	0	—	18.2	23.0	66	0	148
BAHARÎYA		—	00	0	0	0	—	16.8	24.0	67	0	149
KHÂRGA	00	9	32	1	0	0	—	15.1	27.2	30	0	151
DAKHLA	00	7	00	0	0	0	—	15.4	22.0	72	0	152
RED SEA												
TÛR	00	7	28	3	0	0	—	13.5	26.2	63	0	145
HURGHADA	00	8	28	2	0	0	—	—	25.1	33	0	146
QUSEIR	00	8	32	2	0	0	—	12.0	26.3	67	0	147
PORT SŪDÂN												208
NORTH SŪDÂN												
WÂDI HALFA												165
KAREIMA												166
'ATBARA												167
KHARTŪM												209
KASSALA												170
CENTRAL SŪDÂN												
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FÂSHER												175
GENEINA												179
KADUGLI												187
S. SŪDÂN												
MALAKÂL												176
WÂU												177
JUBA												178

UPPER WINDS ON 19th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRŪH h. m.	MARIUT h. m.	PORT SAÎD h. m.	ALMÂZA 12 h.30 m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13 h.30 m.	KAREIMA h. m.	KHARTŪM 13 h. m.	KASSALA 13 h. m.	EL OBEID 13 h. m.	MALAKAL 12 h.45 m.	JUBA 13 h.45 m.
			02 18 20				09 02 25		09 23 15	09 23 05	09 22 20	09 23 05	09 09 05
			09 22 15				15 16 05		15 21 15	15 26 05	15 28 35	15 20 05	15 07 20
			12 23 20				21 18 15		21 20 25	21 04 05	21 21 20	21 15 15	21 02 30
			15 24 20				23 21 10		24 09 30	27 09 10	27 17 15	27 16 15	27 05 30
			18 02 25				23 22 05						
			21 26 20										

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by stations m³ per sec.	DATE	1946	1945
	20-10	4440	5198
	19-10	4630	5469

STATION	Mean of day Humidity % on 1946	Humidity Diff from normal	Wet Bulb Temp °C on 1946	Wet Bulb Temp Diff from normal
Alexandria	59	-9	17.9	-2.1
Ezbekiya	65	-1	18.5	-0.5
Giza	58	-10	18.9	0.0
Helwân	60	+7	17.4	-0.2

GIZA — GRASS MINIMUM TEMP ON 20th 11.2° C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 20th 24.8 C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	20th			13.36	+0.32
Nâsser				11.27	+0.71
Malakâl		12.82	+0.52	12.82	+0.52
J. Aulia Res.		—	—	377.40	—
J. Aulia D.S				373.80	-0.09
Roseires		16.92	+1.22	17.42	+1.62
Sennar Res.				17.19	—
Khartûm				13.93	+0.04
Kh. el Girba					
'Atbara		12.99	+0.04	13.00	0.00
Kajnarti		138.95	0.00	139.02	-0.01
Aswân Res.		112.27	—	112.03	—
Aswân D.S.		89.56	-0.74	89.70	-0.70
Roda (Cairo)		18.85	+0.27	18.85	+0.27

Printed by the Survey of Egypt, 1945 (45/306)

1946 شهر أكتوبر

At 8h. on Sunday 20th الأحد ٢٠ الساعة ٨ بتوقيت

Station	Present Weather WW	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm °C	Minimum Today °C mm	Diff. from norm °C	% HUMIDITY U	Rainfall Past 24 hrs. mms	Total from Oct. 1 mms.	Norm from Oct. mms
MEDITERRANEAN																		
SALŪM													—	—				2
MATRŪH	02	9	02	3	1	5	8	18.7	+1.9	21.8	23	-3	16	0	58	2	13	9
MARIUT	01	7	29	3	1	4	8	17	—	23	26	—	20	—	50	0	3	4
ALEXANDRIA	02	9	30	5	2	5	6	19.1	+2.3	23.0	26	-2	21	+1	46	0	3	3
DAMIETTA	02	8	28	4	2	5	6	16.4	+0.6	21.9	25	—	20	—	52	0	dr	3
PORT SA'ÎD	01	7	26	4	1	4	4	16.8	+1.5	21.9	27	-1	20	0	60	0	4	1
EL 'ARÎSH	00	9	24	2	0	0	—	16.4	+1.0	22.8	27	-1	20	+3	51	0	0	2
LOWER EGYPT																		
DAMANHŪR	01	7	28	3	1	4	2	17.1	+0.5	21.0	26	+4	18	+1	75	1	2	2
MANSŪRA	01	8	28	2	1	4	0	17.4	+1.3	21.0	28	-2	15	-2	57	dr	dr	1
TANTA	00	8	28	1	1	3	8	17.6	+1.0	20.6	28	-2	15	0	68	0	0	2
ZAGAZIG	02	6	24	2	2	5	8	17.6	+1.0	21.2	30	0	17	+2	73	0	0	1
SHEBÎN EL KÔM	02	8	22	2	02	5	8	16.6	+0.1	20.8	29	—	17	—	88	dr	dr	—
MIDDLE EGYPT																		
CAIRO ALMAZA	05	6	00	0	2	4	0	17.3	+1.0	21.9	29	—	18	—	67	0	dr	—
CAIRO EZBEKÎYA	05	4	28	1	0	3	4	17.9	+1.6	20.8	29	-1	18	+1	61	0	dr	1
CAIRO GÎZA	05	6	28	1	1	2	8	17.9	+1.4	22.0	28	-1	14	-1	69	0	dr	1
HELWÂN	02	6	00	0	2	5	4	18.0	+1.6	19.6	28	-2	16	-2	67	0	0	1
SUEZ	00	9	00	0	0	0	—	17.9	+2.5	22.0	31	0	16	-3	61	0	dr	1
UPPER EGYPT																		
FAIYŪM	01	8	02	1	1	4	8	18.0	+1.9	20.3	29	-2	16	-1	66	0	0	0
MINYA	00	9	04	3	0	0	—	12.0	+2.2	23.0	29	-1	18	+1	59	0	dr	—
ASYŪT	00	7	22	1	0	0	—	17.4	+2.2	22.3	30	0	18	+1	64	0	0	0
NAG' HAMÂDI	00	8	00	0	0	0	—	15.9	+1.7	22.9	32	—	19	—	66	0	0	—
QENA	00	7	24	1	0	0	—	15.5	+1.8	22.0	35	+1	17	-1	64	0	0	—
LUXOR	00	7	28	2	0	0	—	15.9	+2.0	28.0	34	-2	17	-1	33	0	0	—
ASWÂN	00	9	32	4	0	0	—	10.0	+0.9	23.44	35	-1	21	0	37	0	0	
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	20.3	+2.5	19.0	28	-4	10	-4	72	0	0	0
BAHARÎYA	00	9	00	0	0	0	—	18.0	+1.4	25.0	38	0	19	+4	61	0	0	0
KHARGA	00	9	02	2	0	0	—	16.6	+1.9	20.4	32	-2	19	+1	56	0	0	—
DAKHLA	00	8	28	1	0	0	—	18.0	+2.4	21.0	33	0	17	0	65	0	0	—
RED SEA																		
TÛR	00	7	28	3	0	0	—	15.1	+1.2	24.9	30	+1	20	+2	51	0	0	0
HURGHADA	00	8	30	4	0	0	—	—	—	24.3	31	0	19	0	54	0	0	0
QUSEIR	00	8	04	4	0	0	—	12.8	-0.6	26.0	32	+2	23	0	64	0	0	0
PORT SŪDÂN	01	8	32	3	1	4	6	11		30					66	0	0	2
NORTH SŪDÂN																		
WÂDI HALFA	00	8	02	4	0	0	—	14		24					28	0	0	—
KAREIMA	00	8	06	2	0	2	4	10		29					43	0	0	1
'ATBARA	00	8	08	2	0	1	4	9		28					48	0	0	1
KHARTŪM	01	7	24	1	0	2	2,4	9		29					49	0	1	2
KASSALA	00	8	14	2	0	0	—	9		28					58	0	1	5
CENTRAL SŪDÂN																		
WAD MEDANI	01	9	00	0	1	4	3	9		26					62	0	15	7
RENK	01	8	12	3	1	4	3			29					59	—	—	27
ROSEIRES	01	8	10	1	1	5	0	11?		23					84	0	14	18
EL OBEID	00	9	24	2	0	2	4	9		27					52	0	19	10
EL FÂSHER	00	9	00	0	0	3	4	—	—	23					44	0	4	5
GENEINA	00	8	04	2	0	2	4	—	—	22					44	—	—	4
KADUGLI	01	8	28	4	1	4	4	10		24					74	—	—	74
S. SŪDÂN																		
MALAKÂL	02	8	00	0	1	5	4	10		25					89	0	80	58
WÂU	02	8	00	0	1	8	4,5	11		23					84	4	109	90
JUBA	02	8	30	2	8	8	0,5	13		21					94	30	134	62

UPPER WINDS ON 20th الرياح العليا يوم ٢٠

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRŪH h. m.	MARIUT 7 h.15 m.	PORT SAÎD 6 h.45 m.	HELWÂN 8 h.45 m.	MINYA 7 h. m.	ASYŪT 7 h. m.	LUXOR 7 h.45 m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h.45 m.	ABU HAMAD 7 h.15 m.	KAREIMA 7 h. m.	KHARTŪM 8 h.30 m.
	02 32 20	02 29 30	02 29 05	03 02 30	02 30 05	02 35 05	02 36 25	09 03 45	09 07 20	02 02 10	09 23 30
	06 31 30	06 30 35	05 36 15	06 02 30	05 02 30	06 36 20	05 01 45	15 10 15	15 28 XX	09 02 20	15 04 05
	09 31 40	09 28 35	08 36 20	09 36 25	10 36 25	09 35 15	10 07 20	21 23 05	21 05 20	15 04 20	18 06 10
	12 30 50	15 29 20	10 35 30	15 32 15	15 35 10	15 01 35	15 04 05	27 20 10	27 03 05	21 05 25	21 11 10
	15 28 35		15 33 35	21 34 30	20 32 10	21 32 20	20 21 15	33 31 10		27 07 30	24 12 05
	18 31 50					30 25 30	25 24 25	39 21 10		33 09 40	27 04 25
	21 30 35					39 24 30	30 22 35	45 15 15		39 09 55	33 36 05
	24 30 35					45 24 40	35 23 20				
	27 29 30						40 26 20				

KASSALA 6 h.45 m.	PORT SŪDÂN 7 h. m.	EL OBEID 7 h.30 m.	EL FÂSHER 8 h.45 m.	GENEINA 7 h. m.	MALAKAL 7 h. m.
09 17 15	09 05 25	09 20 15	09 01 65	09 04 20	09 19 10
15 14 20	15 06 20	15 18 20	15 09 35	15 07 50	15 25 05
21 11 15		21 09 15	21 05 35	21 09 35	21 27 05
27 09 10		27 09 25	27 06 50	27 10 30	27 05 05
33 09 10		33 09 20		33 11 15	33 05 10
		36 08 30		39 11 20	39 05 15

UPPER AIR TEMP ALMÂZA AT 6h GMT ON 20th

HEIGHT FEET	PPP m.b.	TT °C	TT °F
Surface	1008	65	60
500	990	66	58
1000	972	63	57
1500	954	61	56
2000	937	60	54
4000	871	50	46
6000	808	56	38
8000	749	50	34
10000	693	44	31
12000	641	36	30
14000	592	27	23
16000	546	23	20

CYPRUS SYNOPTIC 8h. ON 20th

34720 01863 00013 12191 40XXX 97151
34887 02863 14115 12171 13305 00120

ANNUAL SUBSCRIPTION P.T. 150

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	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	94 96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly cloudy	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	3
Fog or Dust	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.

DAILY WEATHER REPORT

Time of Sunrise 6 h. 20 m.
Sunset 17 h. 19 m.

Month *October* 1946 — شهر أكتوبر ١٩٤٦

At 14h. on *Sunday 20th* — الساعة ١٤ يوم ٢٠/١٠

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force f	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 8-14 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	01	9	32	3	2	4	8	18.7	22.6	54	0
MARIUT	01	7	28	4	2	8	8	17	23	50	0
ALEXANDRIA	02	9	28	5	2	5	9	17.2	23.0	52	0
DAMIETTA	02	8	28	4	1	5	4	16.2	22.5	51	0
PORT SA'ÎD	14	7	26	6	3	4	4	16.3	23.8	51	0
EL 'ARÎSH	01	9	26	3	1	4	3	15.6	24.8	47	0
LOWER EGYPT											
DAMANHÛR	01	7	24	4	1	4	8	16.8	25.6	57	0
MANSÛRA	01	8	30	2	1	4	8	16.4	24.8	47	0
TANTA	01	8	28	3	1	5	8	17.1	24.1	49	0
ZAGAZIG	02	6	28	3	2	5	8	16.3	25.8	48	0
SHEBÎN EL KÔM	01	8	26	4	1	3	8	16.2	25.2	44	0
MIDDLE EGYPT											
CAIRO ALMÂZA	01	8	30	2	1	4	8	16	26	62	0
CAIRO EZBEKÎYA	05	7	30	2	1	4	8	16.4	25.4	58	0
CAIRO GÎZA	01	8	28	3	1	3	8	16.7	26.6	53	0
HELWÂN	00	8	30	6	0	3	8	16.3	24.5	56	0
SUEZ	00	9	28	1	0	0	—	16.3	26.6	52	0
UPPER EGYPT											
FAIYÛM	01	8	32	4	1	4	8	16.2	25.5	59	0
MINYA											
ASYÛT	00	9	30	1	0	0	—	15.0	26.0	41	0
NAG' HAMÂDI	00	8	00	0	0	0	—	13.0	28.8	46	0
QENA	00	8	22	2	0	0	—	11.8	32.4	38	0
LUXOR	00	7	18	2	0	0	—	12.3	33.0	34	0
ASWÂN	00	9	32	2	0	0	—	9.8	32.7	24	0
WESTERN DESERT											
SÎWA	02	8	00	0	1	7	4	19.1	26.2	63	0
BAHARÎYA	02	9	00	0	1	4	—	17.0	27.5	47	0
KHÂRGA	00	9	20	2	0	0	—	14.0	28.3	34	0
DAKHLA	00	9	28	1	0	0	—	14.5	30.0	47	0
RED SEA											
TÔR	00	7	28	5	0	0	—	13.8	26.2	64	0
HURGHÂDA	00	8	32	4	0	0	—	—	27.3	40	0
QUSEIR	00	8	32	3	0	0	—	12.4	29.0	47	0
PORT SÛDÂN	01	8	04	4	1	3	8	9	32	63	
NORTH SÛDÂN											
WÂDI HALFA	00	8	02	3	0	0	—	9	34	18	
KAREIMA	01	8	08	1	0	3	4	6	27	25	
'ATBARA	01	8	12	1	0	4	8	4	29	23	
KHARTÛM	01	8	08	3	1	4	9,4	4	37	27	
KASSALA	01	8	08	1	0	3	8	3	28	22	
CENTRAL SÛDÂN											
WAD MEDANI	01	8	00	0	1	3	8	4	36	31	
RENK	01	9	32	3	1	5	8	4	29	66	
ROSEIRES	02	7	24	1	2	5	8	5?	24	39	
EL OBEID	10	9	24	1	0	5	9	3	34	32	
EL FÂSHER	01	9	04	3	0	3	8	—	35	18	
GENEINA	00	8	04	3	0	0	—	—	35	30	
KADUGLI	02	7	20	4	1	5	8	6	31	49	
S. SÛDÂN											
MALAKÂL	93	6	16	2	9	8	9,4	2	22	94	
WÂU	02	8	16	2	1	6	8,4	8	27	58	
JUBA	01	8	30	2	1	5	8,4	7	28	66	

At 20h. on *20th* — الساعة ٢٠ يوم الأحد ٢٠

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force f	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 14-20 mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	01	8	28	4	1	4	8	19.8	21.0	55	0	131
MARIUT	01	7	29	3	2	4	8	18	21	50	0	150
ALEXANDRIA	01	5	30	4	2	4	6	19.1	21.0	55	0	132
DAMIETTA	01	8	28	4	1	4	6	17.0	21.0	57	0	159
PORT SA'ÎD	02	8	26	4	1	5	6	17.4	21.3	61	0	134
EL 'ARÎSH	03	7	20	2	2	8	6	16.3	21.4	65	0	135
LOWER EGYPT												
DAMANHÛR	01	7	24	2	1	3	8	17.4	19.3	68	0	136
MANSÛRA	00	6	02	2	1	0	—	17.8	20.0	60	0	137
TANTA	00	8	32	1	0	0	—	18.4	17.2	72	0	138
ZAGAZIG	00	6	32	2	0	0	—	18.4	18.6	71	0	139
SHEBÎN EL KÔM	00	7	30	2	0	0	—	18.0	18.2	70	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	00	7	04	2	1	3	0	17.9	21.9	71	0	141
CAIRO EZBEKÎYA	00	7	32	2	0	0	—	18.3	19.9	62	0	—
CAIRO GÎZA	00	8	32	1	0	0	—	18.6	19.0	65	0	—
HELWÂN	00	7	32	4	0	0	—	18.4	20.0	55	0	143
SUEZ	00	9	30	1	0	0	—	17.8	21.0	62	0	144
UPPER EGYPT												
FAIYÛM	00	8	32	3	0	0	—	18.3	20.7	55	0	153
MINYA	00	9	32	2	1	0	—	16.6	22.8	51	0	154
ASYÛT	00	6	28	1	0	0	—	16.6	22.4	48	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	14.8	21.8	61	0	164
QENA	00	6	24	1	0	0	—	13.1	22.8	53	0	156
LUXOR	00	6	28	2	0	0	—	13.5	25.5	37	0	157
ASWÂN	00	9	32	4	0	0	—	13.6	29.0	22	0	158
WESTERN DESERT												
SÎWA	00	—	00	0	0	0	—	18.8	23.6	65	0	148
BAHARÎYA	00	9	02									149
KHÂRGA	00	9	02	2	0	0	—	16.9	19.6	25	0	151
DAKHLA	00	7	22	1	0	0	—	17.6	20.0	71	0	152
RED SEA												
TÔR	00	7	28	5	0	0	—	13.6	25.1	50	0	145
HURGHÂDA	00	8	28	4	0	0	—	—	23.4	52	0	146
QUSEIR	00	8	32	4	0	0	—	12.2	26.0	64	0	147
PORT SÛDÂN												200
NORTH SÛDÂN												
WÂDI HALFA												165
KAREIMA												166
'ATBARA												167
KHARTÛM												209
KASSALA												170
CENTRAL SÛDÂN												
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FÂSHER												175
GENEINA												179
KADUGLI												187
S. SÛDÂN												
MALAKÂL												176
WÂU												177
JUBA												178

UPPER WINDS ON 20th — الرياح العليا يوم

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.
			12h. m.				12h. 15m.	12h. 45m.	12h. 30m.	12h. m.			12h. 15m.
			03 32 15				09 25 30	09 06 30	09 09 10	09 08 10			09 03 15
			06 32 10				15 12 10	15 05 20	15 11 05	15 20 05			15 03 15
			09 29 15				21 22 05	21 06 20	21 10 05	21 11 10			21 08 20
							27 25 05	27 03 10	24 10 05				
							33 31 05	33 36 10	27 11 10				
							39 33 05	39 31 05	33 15 20				
									39 17 10				

UPPER WINDS ON 21st — الرياح العليا يوم

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT 7h. m.	PORT SA'ÎD h. m.	HELWÂN 9h. 30m.	MINYA 9h. m.	ASYÛT 9h. m.	LUXOR h. m.	ASWÂN 7h. m.	WÂDI HALFA 7h. 15m.	ABU HAMAD 7h. 15m.	KAREIMA 7h. m.	KHARTÛM 6h. 30m.
	02 01 30		02 03 20	03 01 35	03 36 25		02 36 05	09 02 05	09 04 25	09 06 35	09 26 30
	06 01 20		05 01 10	06 01 40	05 01 30		05 02 35	15 10 10	15 03 20	15 05 40	15 05 20
	09 06 05		10 03 35	09 02 35	10 36 15		10 03 30	21 09 10	21 05 20	21 04 35	21 06 25
	12 32 15		15 04 10	12 01 35			15 22 05	27 17 15	27 04 35	27 03 20	24 06 25
	15 35 15		20 02 15	15 35 15			20 01 15	33 21 20	33 23 05	33 36 10	30 08 25
			25 35 20	18 36 30				39 34 10	36 27 15	39 34 10	36 11 15
			30 32 25	24 31 15							
			35 31 40	30 34 20							
			40 29 40	33 31 15							

KASSALA 7h. m.	PORT SÛDÂN h. m.	EL OBEID 7h. m.	EL FÂSHER 7h. m.	GENEINA h. m.	MALAKAL h. m.
09 15 35		09 08 30	09 01 05		
15 15 35		15 08 05	15 16 05		
21 13 35		21 09 25	24 08 20		
27 13 15		27 11 20	27 08 20		
		33 12 20	33 09 30		
		36 08 10			
		39 03 25			

At 8h. on *Monday 21st* — الساعة ٨ يوم الاثنين ٢١

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force f	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	MAXIMUM Diff. from norm. °C	MINIMUM Today °C mm	MINIMUM Diff. from norm °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	RAINFALL Total From Oct. 1 mms	RAINFALL Norm. From Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				2
MATRÛH	01	9	32	1	1	4	8	21.5	+4.6	21.1	24	-2	19	+1	49	0	13	10
MARIUT	01	7	00	0	1	4	8	20	—	23	24	—	23	—	87	0	3	4
ALEXANDRIA	02	9	04	2	2	6	6	20.4	+3.5	24.0	25	-3	21	+1	82	0	3	4
DAMIETTA	01	8	32	3	1	3	6	19.0	+3.1	21.6	24	—	20	—	65	0	tr	4
PORT SA'ÎD	00	8	28	2	0	0	—	19.5	+4.2	23.3	25	-3	20	0	56	0	4	2
EL 'ARÎSH	00	9	20	1	0	0	—	18.4	+3.0	23.1	26	-2	16	-1	64	0	0	2
LOWER EGYPT																		
DAMANHÛR	01	7	04	3	1	3	8	19.6	+3.0	20.3	27	-3	17	0	72	0	2	2
MANSÛRA	01	8	20	1	1	4	6	19.8	+3.7	21.0	26	-4	16	-1	61	0	tr	2
TANTA	01	8	00	0	1	3	8	20.2	+3.5	20.8	26	-4	14	-1	65	0	0	2
ZAGAZIG	00	6	28	2	0	0	—	20.7	+4.0	21.6	28	-2	14	-1	63	0	0	1
SHEBÎN EL KÔM	00	8	02	2	0	0	—	20.0	+3.4	18.2	28	—	15	—	72	0	tr	—
MIDDLE EGYPT																		
CAIRO ALMAZA	05	6	00	0	2	4	0	19.3	+3.3	21.9	29	—	18	—	67	0	tr	—
CAIRO EZBEKÎYA	05	5	00	0	0	0	—	19.6	+3.3	18.0	27	-3	15	-2	68	0	tr	1
CAIRO GÎZA	05	6	30	1	0	0	—	20.3	+3.7	19.3	27	-2	12	-3	63	0	tr	2
HELWÂN	00	7	32	2	0	0	—	20.0	+3.5	19.2	25	-4	16	-2	52	0	0	1
SUEZ	00	9	32	1	0	0	—	19.9	+4.4	18.4	28	-3	14	-5	65	0	tr	1
UPPER EGYPT																		
FAIYÛM	00	8	02	2	0	0	—	20.2	+4.1	18.6	26	-5	13	-4	63	0	0	0
MINYA	00	8	32	3	0	0	—	19.8	+2.9	19.4	27	-3	15	-2	65	0	tr	—
ASYÛT	00	7	30	2	0	0	—	19.1	+3.8	18.1	27	-3	16	-1	63	0	0	0
NAG' HAMÂDI	00	8	00	0	0	0	—	17.0	+4.1	20.3	29	—	17	—	60	0	0	—
QENA	00	7	26	2	0	0	—	17.0	+2.2	19.0	34	0	16	-2	70	0	0	—
LUXOR	00	7	28	2	0	0	—	16.8	+2.8	21.0	34	+2	15	+3	64	0	0	—
ASWÂN	00	9	32	3	0	0	—	15.2	+2.0	22.2	34	-2	20	-1	46	0	0	
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	22.0	+4.2	18.6	28	-4	11	-3	73	0	0	0
BAHARÎYA																0	0	0
KHÂRGA	00	9	02	3	0	0	—	18.2	+3.4	19	30	-4	17	-1	—	0	0	—
DAKHLA	00	8	28	1	0	0	—	19.0	+4.1	19.0	31	-2	17	0	72	0	0	—
RED SEA																		
TÔR	00	7	04	3	0	0	—	15.9	+1.8	20.2	27	-2	17	-1	53	0	0	0
HURGHÂDA	00	8	28	3	0	0	—	—	—	22.2	26	-4	17	-2	50	0	0	0
QUSEIR	00	8	32	4	0	0	—	14.3	+0.8	24.2	30	0	22	-1	59	0	0	0
PORT SÛDÂN	00	8	20	3	0	2	6	13		30					70	0	0	8
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	4	0	1	—	15		22					44	0	0	—
KAREIMA	00	8	04	3	0	2	4	10		29					31	0	0	1
'ATBARA	00	8	08	3	0	3	1	10		30					46	0	tr	1
KHARTÛM	01	8	28	3	1	5	4	9		31					33	0	1	2
KASSALA	00	8	14	3	0	0	—	10		28					45	0	1	5
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	24	3	0	3	1	10		27					66	0	15	7
RENK	01	9	32	3	1	4	3	10		26		—		—	79	—	—	28
ROSEIRES	01	8	16	1	0	4	1			24					79	0	14	19
EL OBEID	61	8	00	0	8	7	5,4	11		23					84	48	67	10
EL FÂSHER	02	9	02	1	1	6	4,2	—	—	23					74	0	4	6
GENEINA								—	—			—		—		0	—	4
KADUGLI	02	8	28	2	1	7	4	12		22		—		—	83	—	—	75
S. SÛDÂN																		
MALAKÂL	01	8	08	1	8	4	4	12		24					84	5	85	60
WÂU	02	8	00	0	1	6	4,5	12		23					89	0	109	94
JUBA	02	8	20	1	1	7	0,4	13		23					94	0	134	65

UPPER WINDS ON 21st — الرياح العليا يوم

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT 7h. m.	PORT SA'ÎD h. m.	HELWÂN 9h. m.	MINYA 9h. m.	ASYÛT 9h. m.	LUXOR h. m.	ASWÂN 7h. m.	WÂDI HALFA 7h. 15m.	ABU HAMAD 7h. 15m.	KAREIMA 7h. m.	KHARTÛM 6h. 30m.
			02 03 30	03 01 35	03 36 25		02 36 05	09 02 05	09 04 25	09 06 35	09 26 30
			05 01 10	06 01 40	05 01 30		05 02 35	15 10 10	15 03 20	15 05 40	15 05 20
			10 03 35	09 02 35	10 36 15		10 03 30	21 09 10	21 05 20	21 04 35	21 06 25
			15 04 10	12 01 35			15 22 05	27 17 15	27 04 35	27 03 20	24 06 25
			20 02 15	15 35 15			20 01 15	33 21 20	33 23 05	33 36 10	30 08 25
			25 35 20	18 36 30				39 34 10	36 27 15	39 34 10	36 11 15
			30 32 25	24 31 15							
			35 31 40	30 34 20							
			40 29 40	33 31 15							

KASSALA 7h. m.	PORT SÛDÂN h. m.	EL OBEID 7h. m.	EL FÂSHER 7h. m.	GENEINA h. m.	MALAKAL h. m.
09 15 35		09 08 30	09 01 05		
15 15 35		15 08 05	15 16 05		
21 13 35		21 09 25	24 08 20		
27 13 15		27 11 20	27 08 20		
		33 12 20	33 09 30		
		36 08 10			
		39 03 25			

CYPRUS SYNOPTIC 8h. ON 21st

34700 00990 00000 19181 10000 00130
34844 00991 30201 30170 70211 00110

Remarks

Hours are Egyptian standard time, long 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	21-10	4299	4990
	20-10	4444	5198

STATION	Mean of day: HUMIDITY % on 20th	Diff from normal	WET BULB TEMP °C on 20th	Diff from normal
Alexandria	48	-20	16.3	-3.6
Ezbekîya	56	-10	16.3	-2.6
Gîza	61	-7	16.9	-1.9
Helwân	55	+2	15.6	-1.9

GÎZA — GRASS MINIMUM TEMP. ON 21st 9.7° C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 21st 24.0 °C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day: Reading m.	Previous day: Diff. from normal m.
Jûba					
Nâsser				11.27	+0.70
Malakâl		12.23	+0.53	12.88	+0.52
J. Aulia Res.				377.20	—
J. Aulia D.S				374.86	+0.02
Roseires		16.84	+1.23	16.92	+1.22
Sennar Res.	21/10	17.20	—	17.20	—
Khartûm				13.86	+0.04
Kh. el Girba					
'Atbara		12.04	+0.16	12.99	+0.04
Kajnarti		128.84	-0.01	128.95	0.00
Aswân Res.		112.52	—	112.27	—
Aswân D.S		89.00	-0.76	89.55	-0.74
Roda (Cairo)		18.53	+0.24	18.55	+0.27

UPPER AIR TEMP. ALMÂZA AT 6h G.M.T ON 21st

HEIGHT FEET	P.P.P m.b.	T.T °F	t.t °F
Surface	1010	60	56
500	992	64	56
1000	974	60	54
1500	956	58	52
2000	939	56	51
4000	872	46	44
6000	809	53	36
8000	750	50	27
10000	695	44	29
12000	642	37	26
14000	593	29	24
16000	547	20	18

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.

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 ... 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 AMOUNT (N)

Clear ... 0
Trace ... 1
1 Tenth ... 2
2, 3 Tenths ... 3
4, 5, 6 Tenths ... 4
7, 8 Tenths ... 5
9 Tenths ... 6
Over 9 Tenths ... 7
Overcast ... 8
Fog or Dust ... 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

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Sunset 17 18 Month *October* 1946

DAILY WEATHER REPORT

١٩٤٦ شهر اكتوبر

At 14h. on 21st (الساعة ١٤ يوم ٢١) — At 20h. on 21st (الساعة ٢٠ يوم ٢١)

STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	01	9	04	3	1	4	8	21.1	22.0	43	0	01	8	02	3	1	4	8	21.1	20.6	59	0	131
MARIUT	01	8	32	2	0	4	8	20	24	47	0	00	7	03	1	1	1	6	20	18	73	0	150
ALEXANDRIA	01	9	32	1	2	4	4	19.8	24.2	54	0	01	5	04	2	2	4	8	20.7	21.0	49	0	132
DAMIETTA	01	8	32	3	1	3	8	19.1	23.4	45	0	00	8	32	3	1	2	8	19.5	21.4	54	0	159
PORT SA'ÎD	01	8	30	4	1	4	8	19.2	25.1	87	0	00	8	30	3	0	3	8	16.8	21.9	57	0	134
EL 'ARÎSH	01	9	28	3	1	3	3	18.0	24.9	49	0	00	9	30	3	0	0	—	14.7	24.2	52	0	135
LOWER EGYPT																							
DAMANHÛR	01	7	28	3	1	4	8	19.2	24.3	58	0	01	7	32	3	1	3	8	18.6	20.0	68	0	136
MANSÛRA	01	8	02	2	1	4	8	19.1	26.8	41	0	00	6	32	2	1	0	—	20.4	19.6	69	0	137
TANTA	00	8	32	1	0	0	—	18.6	25.0	43	0	00	8	32	1	0	0	—	20.0	18.0	72	0	138
ZAGAZIG	00	6	02	2	0	0	—	18.6	25.8	45	0	00	6	32	2	0	0	—	19.0	19.8	66	0	139
SHEBÎN EL KÔM	00	8	02	3	0	0	—	18.3	26.3	42	0	00	7	30	2	0	0	—	18.6	19.2	66	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	10	8	02	2	0	0	—	18.0	25.7	46	0	00	7	04	3	0	0	—	18.8	21.4	61	0	141
CAIRO EZBEKÎYA	00	8	04	3	0	0	—	18.3	26.3	41	0	00	7	04	2	0	0	—	19.1	21.0	58	0	—
CAIRO GÎZA	00	8	30	3	0	0	—	18.7	25.3	31	0	00	8	02	1	0	0	—	19.5	21.0	51	0	—
HELWÂN	00	8	02	2	0	0	—	18.3	25.3	29	0	00	7	02	5	0	0	—	19.0	21.0	47	0	143
SUEZ	00	9	30	2	0	0	—	18.2	25.9	39	0	00	9	32	2	0	0	—	18.6	21.9	56	0	144
UPPER EGYPT																							
FAIYÛM	00	8	02	4	0	0	—	17.4	25.5	31	0	00	8	32	2	0	0	—	16.6	20.8	52	0	153
MINYA	00	8	32	4	0	0	—	17.0	25.0	40	0	00	8	32	2	0	0	—	17.8	20.0	55	0	154
ASYÛT	00	8	28	1	0	0	—	16.4	26.0	31	0	00	6	26	1	0	0	—	16.3	22.0	47	0	155
NAG' HAMÂDI	00	8	24	1	0	0	—	14.7	28.8	49	0	00	8	00	0	0	0	—	15.0	20.1	68	0	164
QENA	00	8	24	2	0	0	—	14.0	26.3	39	0	00	6	24	1	0	0	—	14.2	22.8	53	0	156
LUXOR	00	7	10	2	0	0	—	14.2	31.0	42	0	00	6	28	2	0	0	—	15.2	20.8	58	0	157
ASWÂN	00	9	30	3	0	0	—	11.6	32.4	21	0	00	9	32	3	0	0	—	12.8	24.0	22	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	—	21.1	26.8	63	0	00	—	00	0	0	0	—	20.2	19.0	69	0	148
BAHARÎYA												00	—	32	1	0	0	—		23.0	66	0	149
KHÂRGA	00	9			0	0	—	15.4	27.4	31	0	00	9	02	1	0	0	—		24.5	33	0	151
DAKHLA	00	9	28	1	0	0	—	15.4	28.0	51	0	00	7	32	1	0	0	—	19.4	18.0	78	0	152
RED SEA																							
TÔR	00	7	28	3	0	0	—	14.2	26.1	60	0	00	7	28	3	0	0	—	14.7	25.2	64	0	145
HURGHÂDA	00	8	32	3	0	0	—	—	26.1	47	0	00	8	28	3	0	0	—	—	22.9	49	0	146
QUSEIR	00	8	32	3	0	0	—	14.2	28.0	52	0	00	8	30	2	0	0	—	13.5	24.2	66	0	147
PORT SÛDÂN	00	8	04	4	0	3	8	10	32	63													169
NORTH SÛDÂN																							
WÂDI HALFA	00	8	02	3	0	0	—	10	34	19													165
KAREIMA	00	7	08	1	0	3	8,9	7	38	29													166
'ATBARA	01	8	30	3	1	4	8	5	31	25													167
KHARTÛM	01	8	06	3	1	4	8,9	5	38	31													168
KASSALA	00	8	00	0	0	3	8	4	38	25													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	12	3	0	3	8	5	37	31													171
RENK	01	9	28	3	1	4	8	5?	33	41													182
ROSEIRES	01	8	28	1	0	4	8		34	41													172
EL OBEID	25	9	26	4	1	6	6,9	8	27	58													174
EL FÂSHER																							175
GENEINA																							179
KADUGLI	02	8	28	3	1	6	9	9	29	62													187
S. SÛDÂN																							
MALAKÂL	01	8	16	1	1	4	6,9	7	31	59													176
WÂU	22	8	00	0	5	6	8	7	29	59													177
JUBA	28	8	24	2	9	5	6,8	—	—	—													178

UPPER WINDS ON 21st (الرياح العليا يوم ٢١)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT 12 h. 05 m.	PORT SA'ÎD 13 h. m.	ALMÂZA h. m.	MINYA 13 h. m.	LUXOR 12 h. 30 m.	HURGHÂDA 13 h. 15 m.	WÂDI HALFA 13 h. 15 m.	KAREIMA 12 h. 45 m.	KHARTÛM 13 h. m.	KASSALA 12 h. 45 m.	EL OBEID 13 h. m.	MALAKAL 13 h. m.	JUBA 13 h. 30 m.
—	03 01 10	03 36 15		03 01 25	03 36 10	03 34 50	09 36 20	09 06 20	09 05 05	09 17 15	09 31 15	09 18 10	09 02 15
	06 01 10	06 02 15		06 36 35	06 34 20	06 32 05	15 01 10	15 05 20	15 05 10	15 13 15	15 34 15	15 20 15	15 08 30
	09 04 10	09 03 15		12 03 15	09 27 05	09 31 20	21 10 15	21 03 15	21 07 05	21 13 10	21 01 15	21 22 15	21 07 40
	12 03 10	12 05 15		15 02 20	12 26 15	12 31 65	27 23 05	27 02 15	24 05 10	27 10 15	27 34 15	27 22 15	33 10 20
	15 03 05	15 04 10		18 01 20	15 26 20	15 28 30	30 25 15	33 02 15	27 07 15	33 08 10	33 04 15	33 22 20	39 09 25
	18 25 05			21 31 10	18 25 25	18 26 50		39 03 20	30 07 15	39 04 10			
	21 35 10			24 31 15		21 31 40			33 10 10				
	24 34 20			27 31 10		24 25 50							
	27 34 20			30 31 15									

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day: Humidity % on 21st	Diff from normal	Wet bulb temp °C on 21st	Diff from normal
Alexandria	43	-25	16.1	-3.7
Ezbekiya	57	-9	16.3	-2.6
Giza	51	-17	15.8	-2.9
Helwân	44	-9	14.7	-2.7

GÎZA — Grass minimum temp. on 22nd 8.2°C

CAIRO — Water temp. River Nile at 8h. on 22nd 23.3°C

Discharges at Aswân measured by sluices m³ per sec.	1946	1945
DATE 22-10	4128	4796
21-10	4299	4990

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	22-10-46				
Nâsser				11.38	+0.71
Malakâl		12.84	+0.53	12.83	+0.53
J. Aulia Res.					
J. Aulia D.S					
Roseires		16.82	+1.31	16.84	+1.33
Sennar Res.		17.21	—	17.20	—
Khartûm				13.94	+0.20
Kh. el Girba					
'Atbara		13.10	+0.28	13.04	+0.16
Kajnarti		138.70	-0.04	138.84	-0.01
Aswân Res.		112.29		112.52	
Aswân D.S		89.25	-0.83	89.40	-0.76
Roda (Cairo)		18.73	+0.14	18.83	+0.24

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on *Tuesday 22nd* (الساعة ٨ يوم الثلاثاء ٢٢)

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C	Max Diff. from norm. °C	Minimum Today °C	Min Diff from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				2
MATRÛH	01	9	08	1	1	4	8	21.6	+4.7	22.6	23	-3	19	+1	53	0	13	10
MARIUT	01	7	02	1	2	4	6	21		22	25	—	16	—	57	0	3	4
ALEXANDRIA	02	9	08	1	2	5	6	20.2	+4.3	25.0	26	-2	22	+2	43	0	3	4
DAMIETTA	01	8	04	3	1	3	6	20.2	+4.3	23.0	25	—	19	—	51	0	dr	4
PORT SA'ÎD	01	8	04	3	1	4	6	20.6	+5.2	23.3	27	-1	21	+1	52	0	4	2
EL 'ARÎSH	00	9	12	2	0	0	—	19.8	+4.3	22.4	26	-2	19	+2	50	0	0	2
LOWER EGYPT																		
DAMANHÛR	00	7	28	2	1	2	8	19.9	+3.2	20.3	25	-5	16	-1	70	0	2	3
MANSÛRA	00	8	04	2	0	0	—	20.2	+4.0	22.0	28	-2	16	-1	62	0	dr	2
TANTA	00	8	32	1	0	0	—	20.0	+3.3	21.3	26	-4	12	-3	63	0	0	2
ZAGAZIG	00	6	32	2	0	0	—	19.9	+3.2	20.4	28	-2	14	-1	66	0	0	1
SHEBÎN EL KÔM	00	8	02	2	0	0	—	19.2	+2.5	17.8	27	—	14	—	69	0	dr	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	04	2	0	0	—	19.9	+3.5	19.0	26	—	10	—	71	0	dr	—
CAIRO EZBEKÎYA	05	5	02	1	0	0	—	19.8	+3.4	18.1	27	-3	15	-2	69	0	dr	1
CAIRO GÎZA	05	6	04	1	0	0	—	20.0	+3.4	19.6	26	-3	12	-3	65	0	dr	2
HELWÂN	00	7	04	4	0	0	—	19.6	+3.0	20.6	26	-3	16	-2	47	0	0	1
SUEZ	00	9	00	0	0	0	—	19.8	+4.3	21.8	28	-2	16	-3	53	0	dr	1
UPPER EGYPT																		
FAIYÛM	00	8	32	3	0	0	—	19.5	+3.3	20.2	26	-5	14	-3	57	0	0	0
MINYA	00	9	32	2	0	0	—	18.4	+2.4	20.5	28	-3	15	-2	58	0	dr	—
ASYÛT	00	7	28	1	0	0	—	17.9	+2.5	19.1	27	-3	15	-2	58	0	0	0
NAG' HAMÂDI	00	8	00	0	0	0	—	17.6	+3.2	21.3	27	—	14	—	56	0	0	—
QENA	01	7	26	2	0	3	1	16.4	+2.5	18.4	32	-2	15	-3	77	0	0	—
LUXOR	00	7	28	2	0	0	—	17.0	+2.9	22.4	31	-4	15	-3	48	0	0	—
ASWÂN	00	9	32	3	0	0	—	15.2	+1.9	22.7	32	-3	20	-1	39	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	21.9	+4.0	17.2	27	-4	9	-5	75	0	0	0
BAHARÎYA	00	9	00	0	0	0	—			22.0	28	-2	16	+1	62	0	0	0
KHÂRGA	00	9	08	1	0	0	—	17.4	+2.6	18.1	28	-5	14	-4	64	0	0	—
DÂKHLA	00	8	28	1	0	0	—	18.8	+3.0	18.5	29	-4	15	-2	63	0	0	—
RED SEA																		
TÔR	00	7	04	3	0	0	—			20.7	27	-1	21	+3	38	0	0	0
HURGHÂDA	00	8	28	2	0	0	—	—	—	22.8	27	-3	21	+2	45	0	0	0
QUSEIR	00	8	28	3	0	0	—	14.8	+1.4	24.7	28	-2	21	-2	52	0	0	0
PORT SÛDÂN	01	8	30	3	1	3	5	13		29					74	0	0	9
NORTH SÛDÂN																		
WÂDI HALFA	00	8	32	2	0	0	—	15		22					33	0	0	—
KAREIMA	00	8	06	2	0	0	—	11		29					33	0	0	1
'ATBARA	01	8	08	2	1	4	4	11		30					49	0	dr	1
KHARTÛM	00	7	26	3	1	1	4	9		29					49	1	2	2
KASSALA	00	8	20	2	0	2	1	10		29					52	0	1	5
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	30	3	0	2	1	10		28					58	0	15	7
RENK	00	9	16	3	1	0	—	10		27		—		—	79	—		30
ROSEIRES	00	8	16	1	0	2	1	13?		24					84	0	14	20
EL OBEID	00	7	30	4	0	1	4	11		26					74	2	69	11
EL FÂSHER	01	8	00	0	1	4	4,2	—	—	23					47	0	4	6
GENEINA								—	—			—		—				4
KADUGLI	01	8	28	2	1	4	4	12		25		—		—	79	—		76
S. SÛDÂN																		
MALAKÂL	01	8	08	1	1	4	4	12		26					70	1	86	62
WÂU	01	8	18	2	1	4	4	12		23					57	6	115	98
JUBA	02	8	24	1	1	6	8,9	12		23					94	3	137	68

UPPER WINDS ON 22nd (الرياح العليا يوم ٢٢)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT 7 h. 30 m.	PORT SA'ÎD h. m.	HELWÂN 8 h. 45 m.	MINYA h. m.	ASYÛT h. m.	LUXOR h. m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h. 15 m.	ABU HAMAD 7 h. 15 m.	KAREIMA 7 h. m.	KHARTÛM 6 h. m.
	03 05 35		02 05 25				02 01 20	09 05 40	09 06 15	09 09 35	09 02 35
	06 04 30		05 04 35				05 04 15	15 03 40	15 04 30	15 05 25	15 05 35
	09 05 30		08 05 55				10 07 05		21 03 15	21 01 10	21 07 25
	12 01 20		10 05 50				15 12 20		27 05 10	27 01 15	27 09 15
	15 05 20		15 05 30				20 18 10		33 15 10	33 35 10	30 06 15
	18 06 30		20 06 45						39 23 20	39 10 10	
			23 04 20								
			25 03 15								
			30 02 10								

KASSALA 7 h. m.	PORT SÛDÂN 6 h. 40 m.	EL OBEID 7 h. 30 m.	EL FÂSHER 7 h. 15 m.	GENEINA h. m.	MALAKAL 7 h. m.
15 11 20	06 02 20	09 02 40	09 02 15		09 10 05
21 06 30		15 05 30	15 05 25		15 16 10
27 02 20		21 04 20	21 10 30		21 20 10
33 06 25		27 07 15	27 13 30		27 27 10
		33 11 25			33 28 05

CYPRUS SYNOPTIC 8h. ON 22nd

34853 00761 20201 23181 10307 00120

UPPER AIR TEMP. ALMÂZA AT 05 G.M.T. ON 22nd

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	1010	60	56
500	992	60	55
1000	974	63	54
1500	956	62	53
2000	939	56	52
4000	872	60	39
6000	809	58	37
8000	750	53	34
10000	675	46	28
12000	642	38	27
14000	593	27	23
16000	547	18	17

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

ANNUAL SUBSCRIPTION P.T. 150

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Time of Sunrise 22 h. 02 m.
Sunset 17 17

Month October 1946 — شهر اكتوبر ١٩٤٦

At 14h. on Tuesday 22nd — الساعة ١٤ يوم الثلاثاء ٢٢

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 8-14 h. mms	STATION NUMBER
MEDITERRANEAN: SALÛM												130
MATRÛH	01	9	32	2	1	4	8	21.0	22.8	53	0	131
MARIUT												150
ALEXANDRIA	01	9	04	2	2	4	8	19.8	20.0	65	0	132
DAMIETTA	01	8	02	3	1	5	8	18.4	22.8	52	0	159
PORT SA'ÎD	01		04	6	1	4	8	18.2	24.8	48	0	134
EL 'ARÎSH	00	9	09	3	0	0	—		24.4	52	0	135
LOWER EGYPT: DAMANHÛR	01	7	04	4	1	3	8	19.1	26.0	48	0	136
MANSÛRA	01	8	02	2	1	4	8	19.1	23.2	46	0	137
ṬANṬA	00	8	04	3	0	0	—	19.0	26.5	43	0	138
ZAGAZIG	00	6	32	2	0	0	—	18.6	25.6	46	0	139
SHEBÎN EL KÔM	00	8	04	3	0	0	—	19.1	26.8	43	0	—
MIDDLE EGYPT: CAIRO ALMÂZA	00	8	02	4	0	0	—	17.3	26.8	28	0	141
EZBEKÎYA	00	8	02	4	0	0	—	17.6	27.6	37	0	—
GÎZA	00	8	02	4	0	0	—	17.9	26.9	33	0	—
ḤELWÂN	00	8	02	4	0	0	—	17.0	26.7	26	0	143
SUEZ	00	9	32	2	0	0	—	17.2	27.2	33	0	144
UPPER EGYPT: FAIYÛM	00	8	32	4	0	0	—	16.6	27.2	33	0	153
MINYA	00	9	30	3	0	0	—	15.5	27.7	36	0	154
ASYÛṬ	00	8	32	1	0	0	—	15.2	26.0	48	0	155
NAG' ḤAMÂDI	00	8	00	0	0	0	—	14.6	26.8	44	0	164
QENA	01	7	24	1	1	4	3	13.8	30.6	35	0	156
LUXOR	01	7	10	2	1	4	1	13.8	32.0	33	0	157
ASWÂN	00	9	32	3	0	0	—	11.1	34.8	17	0	158
WESTERN DESERT: SÎWA	00	8	00	0	0	0	—	20.9	26.6	61	0	148
BAḤARÎYA	00	9	00	0	0	0	—	17.2	25.2	53	0	149
KHÂRGA	01	9	32	2	1	4	4	14.8	29.4	27	0	151
DAKHLA	00	9	28	1	0	0	—	14.8	27.0	56	0	152
RED SEA: ṬÔR	00	7	28	4	0	0	—	14.2	27.1	47	0	145
HURGHÂDA	00	8	02	2	0	0	—	—	27.6	52	0	146
QUSEIR	01	8	02	3	0	4	1	14.0	29.0	53	0	147
PORT SÛDÂN	00	8	04	3	1	1	8	11	32	63		169
NORTH SÛDÂN: WÂDI ḤALFA	00	8	04	3	0	1	1	11	34	20		165
KAREIMA												166
'ATBARA	01	8	10	3	1	4	8	6	37	29		167
KHARTÛM	00	8	32	1	0	2	8.4	6	37	27		168
KASSALA	01	8	04	1	0	3	8	4	39	16		170
CENTRAL SÛDÂN: WAD MEDANI	01	8	12	2	0	4	8	5	37	24		171
RENK	01	9	18	3	1	4	8	5	34	36		182
ROSEIRES												172
EL OBEID	00	7	32	2	0	0	—	6	33	36		174
EL FÂSHER	01	9	02	3	1	5	8	—	32	26		175
GENEINA												179
KADUGLI	00	8	04	3	1	3	1	8	32	41		187
S. SÛDÂN: MALAKÂL	01	8	20	1	1	4	8.4	7	33	50		176
WÂU	01	8	00	0	1	4	9	7	32	43		177
JUBA	02	8	32	3	1	5	6.4	7	32	55		178

At 20h. on Tuesday 22nd — الساعة ٢٠ يوم الثلاثاء ٢٢

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 14-20 h. mms
MEDITERRANEAN: SALÛM											
MATRÛH	00	8	00	0	1	3	8	21.1	20.8	56	0
MARIUT	01	7	02	1	0	5	6	20	22	57	0
ALEXANDRIA	01	5	04	1	2	5	4	21.1	21.6	55	0
DAMIETTA	01	8	02	3	1	4	8	19.8	22.0	60	0
PORT SA'ÎD	01	8	02	3	1	3	8	17.4	22.1	61	0
EL 'ARÎSH	00	9	02	2	0	0	—	18.0	23.8	55	0
LOWER EGYPT: DAMANHÛR	01	7	32	3	1	4	8	19.5	20.8	72	0
MANSÛRA	00	1	02	2	1	0	—	20.6	20.8	71	0
ṬANṬA	00	8	02	2	0	0	—	20.3	18.9	73	0
ZAGAZIG	00	6	32	2	0	0	—	17.4	19.9	62	0
SHEBÎN EL KÔM	00	7	02	2	0	0	—	20.6	20.3	38	0
MIDDLE EGYPT: CAIRO ALMÂZA	00	7	02	3	0	0	—	17.9	21.0	58	0
EZBEKÎYA	00	1	02	3	0	0	—	19.2	20.4	66	0
GÎZA	00	8	02	2	0	0	—	17.8	21.0	59	0
ḤELWÂN	00	7	02	5	0	0	—	18.8	20.8	55	0
SUEZ	00	9	30	2	0	0	—	18.8	21.4	59	0
UPPER EGYPT: FAIYÛM	00	8	32	4	0	0	—	18.3	21.7	57	0
MINYA	00	8	32	1	0	0	—	16.8	20.8	53	0
ASYÛṬ	00	6	26	1	0	0	—	16.0	21.6	61	0
NAG' ḤAMÂDI	00	8	00	0	0	0	—	15.2	20.3	62	0
QENA	01	6	26	2	1	4	3	14.0	23.8	47	0
LUXOR	00	6	28	1	0	0	—	15.4	21.8	59	0
ASWÂN	00	9	32	1	0	0	—	12.8	27.0	21	0
WESTERN DESERT: SÎWA	00	8	00	0	0	0	—	19.6	20.3	74	0
BAḤARÎYA	00		00	0	0	0	—	18.7	21.0	65	0
KHÂRGA	00	9	00	0	0	8	1	15.4	24.2	33	0
DAKHLA	00	7	32	1	0	0	—	19.2	19.0	66	0
RED SEA: ṬÔR	00	7	00	0	0	0	—		21.5	52	0
HURGHÂDA	00	8	28	2	0	0	—		23.2	45	0
QUSEIR	00	8	28	2	1	3	2	13.8	25.0	68	0
NORTH SÛDÂN: WÂDI ḤALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN: WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN: MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 22nd — الرياح العليا يوم ٢٢

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT 12 h. 30 m.	PORT SA'ÎD 12 h. 30 m.	ALMÂZA 12 h. 30 m.	MINYA 12 h. 30 m.	LUXOR 12 h. 30 m.	HURGHÂDA h. m.	WÂDI ḤALFA 13 h. 15 m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA 13 h. m.	EL OBEID 13 h. m.	MALAKAL 13 h. m.	JUBA 13 h. m.
	03 04 30	03 04 30	03 04 40	03 04 40	03 04 30		09 36 05			09 02 05	09 01 10	09 27 05	09 09 10
	06 00 20	06 04 30	06 03 35	06 04 15	06 04 10		15 09 10			15 11 05	15 03 10	15 34 05	15 09 20
	09 04 15	09 04 30	09 03 20	09 03 20	09 20 10		18 09 05			21 23 05	21 03 10	21 02 05	21 09 30
	15 09 20	15 06 10	15 06 20	15 34 30	15 29 20					27 27 05	24 05 10	27 35 05	27 10 35
	21 08 20	21 06 15	21 05 25	21 38 15	21 24 20							33 01 05	33 11 35
	30 8 20		30 01 05	30 49 10	30 28 10								39 12 40
	39 12 05			39 54 05	39 35 25								
				45 36 05	45 36 40								
				54 28 30	57 36 20								

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	23-10	3969	4582
	22-10	4628	4796

STATION	Mean of day HUMIDITY % on 22nd	Diff from normal	WET BULB TEMP °C on 22nd	Diff from normal
Alexandria	47	-21	17.0	-2.7
Ezbekîya	62	-4	16.6	-2.2
Gîza	56	-12	16.4	-2.2
Helwân	45	-8	15.3	-2.0
GÎZA	GRASS MINIMUM TEMP. ON 23rd		9.9	°C
CAIRO	WATER TEMP. RIVER NILE ON 23rd	AT 9h.	22.7	°C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	23-10			13.46	-0.21
Nâsser				11.27	+0.72
Malakâl		12.84	+0.53	12.84	+0.53
J. Aulia Res.				277.20	
J. Aulia D.S				220.88	-0.15
Roseires		16.54	+1.09	16.12	+1.31
Sennar Res.				17.21	
Khartûm					
Kh. el Girba					
'Atbara		13.10	+0.36	13.10	+0.28
Kajnarti		138.41	-0.01	138.71	-0.04
Aswân Res.		113.17		112.17	
Aswân D.S		89.10	-0.84	89.25	-0.83
Roda (Cairo)		18.63	+0.09	18.73	+0.19

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on Wednesday 23rd — الساعة ٨ يوم الاربعاء ٢٣

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yester day °C MM	MAXIMUM Diff. from norm. °C	MINIMUM Today °C mm	MINIMUM Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	Total From Oct 1 mms	Norm. From Oct 1 mms
MEDITERRANEAN: SALÛM												—		—				2
MATRÛH	01	7	00	0	0	4	8	20.3	+3.3	19.7	24	-2	18	0	69	0	13	11
MARIUT	01	7	04	1	1	5	8	20		22		—	16	—	65	0	3	4
ALEXANDRIA	02	9	08	2	2	5	6	20.0	+3.0	22.2	27	-1	20	+1	56	0	3	4
DAMIETTA	00	8	02	2	1	2	8	—	—	23.3	25	—	20	—	65	0	4	4
PORT SA'ÎD	00	8	04	3	0	2	3	18.6	+3.1	24.8	26	-2	21	+1	61	0	4	2
EL 'ARÎSH	00	9	12	1	0	0	—	18.0	+2.4	22.9	25	-3			62	0	0	3
LOWER EGYPT: DAMANHÛR	01	7	04	3	1	3	4	19.4	+2.7	20.6	26	-4	15	-1	72	0	2	3
MANSÛRA	00	8	02	1	0	0	—	18.8	+2.6	21.0	28	-2	17	0	74	0	4	2
ṬANṬA	00	8	32	1	0	0	—	19.1	+2.3	21.3	28	-2	18	-2	71	0	0	2
ZAGAZIG	02	6	32	2	2	5	8	18.6	+1.8	21.0	27	-3	15	0	63	0	0	1
SHEBÎN EL KÔM	00	8	02	2	0	0	—	19.5	+2.8	19.3	28	—	15	—	76	0	4	—
MIDDLE EGYPT: CAIRO ALMAZA	00	7	03	1	0	2	3	18.5	+2.1	18.0	27	—	14	—	75	0	4	—
EZBEKÎYA	05	5	02	3	0	1	4	18.3	+1.9	17.2	29	0	15	-2	82	0	4	1
GÎZA	05	6	02	1	0	0	—	18.6	+1.9	19.7	27	-2	19	-2	73	0	4	2
ḤELWÂN	00	6	09	5	0	0	—	17.8	+1.2	20.6	27	-2	17	0	67	0	0	1
SUEZ	00	9	30	1	0	0	—	18.3	+2.7	21.8	29	-1	11	-3	68	0	4	1
UPPER EGYPT: FAIYÛM	01	8	02	3	1	3	8	17.6	+1.4	20.2	28	-3	15	-2	73	0	0	0
MINYA	01	8	30	2	1	3	2	16.8	+0.8	19.8	28	-1	14	-3	70	0	4	—
ASYÛṬ	01	7	28	1	1	4	1	16.8	+1.4	18.7	27	-3	14	-3	70	0	0	0
NAG' ḤAMÂDI	00	8	00	0	0	0	—	16.3	+1.8	20.3	27	—	12	—	60	0	0	—
QENA	01	7	24	2	1	3	1	15.5	+1.6	19.0	32	-2	15	-2	73	0	0	—
LUXOR	00	7	28	2	0	0	—	15.9	+1.8	23.4	33	-2	14	-2	42	0	0	—
ASWÂN	00	9	32	2	0	0	—	14.7	+1.3	24.2	35	-1	20	-1	31	0	0	
WESTERN DESERT: SÎWA	00	8	00	0	0	0	—	20.8	+2.9	18.0	28	-3	9	-5	73	0	0	0
BAḤARÎYA	00	9	32	1	0	0	—	17.4	+2.4	17.2	28	-2	14	-1	70	0	0	0
KHÂRGA	00	9	00	0	0	3	1	16.0	+1.1	17.8	31	-2	13	-5	65	0	0	—
DAKHLA	00	8	00	0	0	0	—	17.1	+1.2	19.5	29	-4	13	-4	63	0	0	—
RED SEA: ṬÔR	00	7	04	4	0	0	—	14.7	+0.3	18.9	28	0	15	-3	75	0	0	0
HURGHÂDA	00	8	30	3	0	0	—			23.4	29	-1	17	-2	24	0	0	0
QUSEIR	00	8	28	2	0	0	—	13.9	+0.2	24.0	30	0	21	-2	43	0	0	0
PORT SÛDÂN	00	8	32	3	0	0	—	13		30					70	0	0	9
NORTH SÛDÂN: WÂDI ḤALFA	00	8	04	2	0	1	1	13		23					—	0	0	—
KAREIMA	01	8	—	—	—	—	—	10		29					31	0	0	1
'ATBARA	01	8	12	2	1	3	8.4	11		32					52	0	4	1
KHARTÛM	00	8	32	3	0	1	4	9		32					38	0	2	3
KASSALA	00	7	00	0	0	0	—	9		29					52	0	1	6
CENTRAL SÛDÂN: WAD MEDANI	00	8	20	4	0	3	3	9		29					49	0	15	8
RENK												—		—		—		31
ROSEIRES	00	8	12	1	0	1	4			26					66	0	14	21
EL OBEID	01	8	28	1	1	3	8	11		26					58	0	69	11
EL FÂSHER	02	9	00	0	1	7	4	—	—	24					36	0	4	6
GENEINA	01	8	32	2	1	5	4	—	—	21		—		—	35	0		4
KADUGLI	01	8	28	3	0	4	1	12		25		—		—	77	—		77
S. SÛDÂN: MALAKÂL	01	8	00	0	1	4	4	11		27					79	0	86	64
WÂU	02	8	16	1	6	6	8.4	14		21					88	1	116	101
JUBA	01	8	00	0	1	4	4.1	13		23					84	16	153	71

UPPER WINDS ON 23rd — الرياح العليا يوم ٢٣

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT 7 h. m.	PORT SA'ÎD h. m.	HELWÂN 8 h. 45 m.	MINYA 6 h. 45 m.	ASYÛṬ h. m.	LUXOR 7 h. 30 m.	ASWÂN 7 h. m.	WÂDI ḤALFA 7 h. 15 m.	ABU ḤAMAD h. m.	KAREIMA 7 h. m.	KHARTÛM 6 h. 30 m.
	03 04 20		02 55 15	03 01 20		06 08 15	02 01 10	09 08 40		09 07 35	09 03 25
	06 03 25		05 06 20	06 04 10		09 10 15	05 04 35	15 09 15		15 06 30	15 08 30
	09 01 25		10 08 35	09 08 05		12 15 05	10 04 25	21 09 15		21 05 30	21 09 35
			15 11 15	12 24 05		15 18 25		27 06 05		27 04 35	24 11 40
			20 11 15	15 27 10		18 26 20		33 09 25			30 13 50
			25 17 05	18 21 05		21 26 05					
			30 13 05	21 04 05		24 32 05					
			32 16 05	24 09 05		27 32 10					
				27 09 05		30 29 20					

KASSALA 7 h. m.	PORT SÛDÂN h. m.	EL OBEID 7 h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL 7 h. 15 m.
09 19 05		09 02 30			09 24 15
15 11 40		15 01 10			15 25 10
21 11 40		21 36 05			21 32 05
27 08 30		27 09 15			27 33 05
33 02 20		33 08 25			33 12 05

CYPRUS SYNOPTIC 8h. ON 23rd

34740 01990 30202 20170 70400 00130
34800 01950 22201 22171 20800

UPPER AIR TEMP. ALMAZA AT 06 G.M.T. ON 23rd

HEIGHT FEET	P.P.P m.b.	T.T °F	t.t °F
Surface	1009	65	575
500	99	62	58
1000	973	64	60
1500	955	63	59
2000	938	61	58
4000	871	65	45
6000	808	64	40
8000	750	55	35
10000	649	44	30
12000	592	37	28
14000	592	35	22
16000	546	28	22

ANNUAL SUBSCRIPTION P.T. 150

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 ... 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 AMOUNT (N)

Clear ... 0
Trace ... 1
1 Tenth ... 2
2, 3 Tenths ... 3
4, 5, 6 Tenths ... 4
7, 8 Tenths ... 5
9 Tenths ... 6
Over 9 Tenths ... 7
Overcast ... 8
Fog or Dust ... 9

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.

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

Sunset H. 17 M. 16 — Month **October** 1946

DAILY WEATHER REPORT

١٩٤٦ شهر أكتوبر

At 14h. on Wednesday 23rd — الساعة ١٤ يوم ٢٣

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	°C Temp. (ttt)	% Humidity (uu)	Rain 8-14 h. mms	Station Number
Mediterranean												
SALÛM												130
MATRÛH	01	7	04	2	1	4	8	19.0	23.2	50	6	131
MARIUT	01	8	02	3	1	3	8	18	26	55	0	150
ALEXANDRIA	01	9	04	3	2	4	8	17.8	25.0	56	0	132
DAMIETTA	01	8	04	3	1	4	8	15.9	24.0	67	0	159
PORT SA'ÎD	00	7	04	5	0	1	3	17.0	25.3	62	0	134
EL 'ARÎSH												135
Lower Egypt												
DAMANHÛR	01	7	02	2	1	3	8	17.5	25.8	52	0	136
MANSÛRA	01	8	02	2	1	4	8	17.0	28.0	54	0	137
TANTA	00	8	32	4	1	1	8	16.2	27.0	49	0	138
ZAGAZIG	00	6	32	3	0	2	8	16.3	26.9	53	0	139
SHEBÎN EL KÔM	00	8	04	3	0	0	—	16.8	28.8	43	0	
Middle Egypt												
CAIRO ALMÂZA	01	8	04	3	0	4	1	15.0	29.4	34	0	141
CAIRO EZBEKÎYA	01	8	02	4	1	4	1	15.5	28.8	44	0	
CAIRO GÎZA	01	7	04	3	1	4	1	15.8	29.2	39	0	
HELWÂN	01	8	02	4	1	4	1	15.0	29.0	33	0	143
SUEZ	00	9	30	1	0	0	—	15.4	29.9	34	0	144
Upper Egypt												
FAIYÛM	01	8	30	2	1	4	3	14.6	29.6	30	0	153
MINYA	02	8	02	2	2	5	—	14.4	28.2	40	0	154
ASYÛT	01	8	30	1	1	4	3	14.6	26.2	47	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	15.5	29.0	42	0	164
QENA	01	8	24	2	1	3	—	12.7	30.8	36	0	156
LUXOR	01	7	30	2	1	4	1	12.8	35.0	30	0	157
ASWÂN	00	9	32	2	0	0	—	11.0	35.3	13	0	158
Western Desert												
SÎWA												148
BAHARÎYA	00	9	00	0	0	0	—	16.4	25.2	53	0	149
KHÂRGA												151
DAKHLA	00	9	28	1	0	0	—		27.0	57	0	152
Red Sea												
TÛR	00	7	28	3	0	0	—	13.8	28.2	59	0	145
HURGHADA	00	8	32	2	0	0	—	—	28.9	48	0	146
QUSEIR	00	8	02	2	0	0	—	14.8	29.0	59	0	147
PORT SÛDÂN	00	8	04	3	0	1	8	10	31	70		
North Sûdân												
WÂDI HALFA	00	8	02	2	0	1	1	6	37	09		165
KAREIMA	01	9	08	1	0	3	8	6	39	23		166
'ATBARA	01	8	10	3	1	3	8	6	38	19		167
KHARTÛM	01	8	06	3	0	3	8	5	39	16		
KASSALA	01	8	02	1	0	3	8	3	39	10		170
Central Sûdân												
WAD MEDANI	01	8	04	4	0	4	8	5	37	20		171
RENK												182
ROSEIRES	01	8	24	1	0	4	8		36	33		172
EL OBEID	00	9	02	2	0	2	8,1	5	34	29		174
EL FÂSHER	02	7	04	1	1	5	8,4	—	35	29		175
GENEINA	01	8	00	0	1	4	8	—	33	24		179
KADUGLI	01	8	30	3	1	4	4	8	32	49		187
S. Sûdân												
MALAKÂL	01	8	30	2	1	5	8,5	6	29	47		176
WÂU	01	8	22	2	1	4	8,1	7	31	—		177
JUBA	01	8	32	2	1	5	8,1	7	32	43		178

At 20h. on 23rd — الساعة ٢٠ يوم ٢٣

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	°C Temp. (ttt)	% Humidity (uu)	Rain 14-20 h. mms
Mediterranean											
SALÛM											
MATRÛH	02	8	00	0	1	5	8	19.2	21.2	60	0
MARIUT	00	7	02	2	0	3	6	18	21	74	0
ALEXANDRIA	01	5	04	2	2	4	6	18.7	21.4	64	0
DAMIETTA	01	8	02	3	1	3	8	17.5	22.0	80	0
PORT SA'ÎD	01	8	06	3	1	4	6	17.1	23.5	77	0
EL 'ARÎSH	00	9	28	3	0	0	—	16.3	22.3	65	0
Lower Egypt											
DAMANHÛR	01	7	04	3	1	3	8	18.6	20.0	67	0
MANSÛRA	00	6	32	2	1	0	—	17.9	20.2	83	0
TANTA	00	8	32	1	1	4	8	17.9	20.3	82	0
ZAGAZIG	00	6	32	2	0	0	—	17.5	21.1	87	0
SHEBÎN EL KÔM	00	7	02	2	0	0	—	18.6	21.2	77	0
Middle Egypt											
CAIRO ALMÂZA	00	7	04	3	0	0	—	16.1	22.5	61	0
CAIRO EZBEKÎYA	00	6	02	4	0	0	—	16.8	23.3	79	0
CAIRO GÎZA	00	8	04	2	0	0	—	17.1	23.2	72	0
HELWÂN	00	7	02	6	0	2	1	16.2	22.0	72	0
SUEZ	00	9	30	2	0	0	—	16.6	23.2	68	0
Upper Egypt											
FAIYÛM	00	8	32	3	1	0	—	16.0	23.7	65	0
MINYA	00	8	30	1	1	0	—	15.1	21.7	62	0
ASYÛT	00	6	32	1	1	0	—	14.7	21.8	69	0
NAG' HAMÂDI	00	8	00	0	0	0	—	14.4	22.6	69	0
QENA	01	6	24	2	1	3	1	13.2	25.0	47	0
LUXOR	00	6	28	2	0	0	—	13.8	22.4	48	0
ASWÂN	00	9	00	0	0	0	—	11.9	21.0	17	0
Western Desert											
SÎWA	00	—	00	0	0	0	—	18.4	20.3	67	0
BAHARÎYA											
KHÂRGA	01	9	32	1	1	4	3	14.4	26.2	38	0
DAKHLA	00	7	28	1	0	0	—	17.0	19.0	63	0
Red Sea											
TÛR	00	7	28	3	0	0	—	14.0	23.5	58	0
HURGHADA	00	8	28	2	0	0	—	—	22.9	37	0
QUSEIR	00	8	32	2	0	0	—	13.0	25.2	82	0
PORT SÛDÂN											
North Sûdân											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
Central Sûdân											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. Sûdân											
MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 23rd — الرياح العليا يوم ٢٣

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SAÎD h. m.	ALMÂZA 12h.30m.	MINYA 12h.45m.	LUXOR 12h.30m.	HURGHADA h. m.	WÂDI HALFA 12h.45m.	KAREIMA 12h. m.	KHARTÛM h. m.	KASSALA 12h. m.	EL OBEID 12h. m.	MALAKAL 12h. m.	JUBA 12h. m.
			02 04 15	03 02 10	03 05 15		09 25 20	09 06 15		09 06 25	09 04 15	09 26 05	09 03 05
			06 07 30	06 27 01	06 23 05		15 02 10	15 09 10		15 05 40	15 04 15	15 25 10	15 07 15
			09 04 30	09 22 05	09 24 05		21 12 05	21 06 15		21 06 50	21 05 20	21 27 05	21 08 25
			15 13 10	12 27 01	15 19 05		23 12 10	27 05 05		27 16 35	27 05 20	27 04 05	27 09 40
			21 16 15	15 26 15	21 22 10			33 07 05			33 04 20	33 08 15	33 11 40
				18 26 10	27 21 05			39 06 05			39 04 05		39 11 25
				21 24 05	30 24 05								
				24 15 05									
				30 03 05									

At 8h. on Thursday 24th — الساعة ٨ يوم ٢٤

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Pressure M.S.L. 1000+ mbs. (ppp)	Diff. from normal mbs.	Temperature Dry Bulb °C (ttt)	Maximum Yesterday °C (MM)	Maximum Diff. from norm °C	Minimum Today °C (mm)	Minimum Diff. from norm °C	% Humidity (uu)	Rainfall Past 24 hrs. mms	Rainfall Total From Oct. 1 mms.	Rainfall Norm From Oct. 1 mms.
Mediterranean																		
SALÛM													—					2
MATRÛH	01	9	00	0	2	4	8	17.2	+0.2	19.8	25	-1	16	-2	69	0	13	11
MARIUT	00	7	03	1	0	2	0	17	—	23	26	—	17	—	65	0	3	4
ALEXANDRIA	01	9	04	2	2	4	4	17.5	+0.4	24.0	26	-2	21	+2	63	0	3	4
DAMIETTA	00	8	32	2	1	2	8	16.0	0.0	23.5	24	—	21	—	78	0	tr	4
PORT SA'ÎD	01	8	30	2	1	3	5	15.5	0.0	24.8	28	0	23	+3	74	0	4	2
EL 'ARÎSH	00	9	14	2	0	0	—	15.2	-0.4	24.3	27	-1	14	+3	62	0	0	3
Lower Egypt																		
DAMANHÛR	01	7	04	2	1	3	8	16.6	-0.2	21.6	27	+2	17	+1	79	0	2	3
MANSÛRA	01	8	02	1	1	4	0	16.2	0.0	21.5	29	-1	18	+1	82	0	tr	2
TANTA	01	8	23	1	1	4	8	16.3	-0.6	21.7	29	-1	16	+1	80	0	0	2
ZAGAZIG	01	6	32	2	1	4	8	16.3	-0.5	19.9	28	-2	17	+2	93	0	0	1
SHEBÎN EL KÔM	01	8	02	2	1	4	8	16.6	-0.2	19.8	29	—	16	—	86	0	tr	—
Middle Egypt																		
CAIRO ALMAZA	01	7	06	2	2	4	0	16.1	-0.4	20.5	29	—	18	—	85	0	tr	—
CAIRO EZBEKÎYA	05	5	02	1	2	8	6	15.8	-0.7	20.8	30	+1	18	+1	86	tr	tr	1
CAIRO GÎZA	05	6	02	1	1	5	6	16.3	-0.4	22.5	29	0	20	+5	79	0	tr	2
HELWÂN	01	6	04	2	5	4	4	15.6	-1.1	21.4	30	+1	19	+2	78	tr	0	1
SUEZ	01	9	30	2	1	4	1	15.6	0.0	22.9	32	+2	19	+1	76	0	tr	1
Upper Egypt																		
FAIYÛM	01	8	32	3	1	4	3	15.8	-0.5	19.9	31	0	18	+2	87	0	0	0
MINYA	03	8	30	2	2	8	2	15.5	-0.6	17.6	29	0	14	-2	84	0	tr	—
ASYÛT	01	7	22	1	1	4		15.1	-0.4	18.9	28	-2	12	-5	75	0	0	0
NAG' HAMÂDI	02	8	00	0	2	5	4	14.6	0.0	25.0	30	—	15	—	51	0	0	—
QENA	01	7	24	1	1	4	3	14.2	+0.2	22.0	32	-2	17	0	47	0	0	—
LUXOR	00	7	28	2	0	0	—	14.6	+0.4	25.8	36	+1	16	+1	35	0	0	—
ASWÂN	01	9	02	1	1	3	4	13.1	-0.4	25.4	37	+1	21	+1	32	0	0	—
Western Desert																		
SÎWA	00	7	00	0	0	0	—	18.6	+0.6	18.1	28	-3	9	-5	75	0	0	0
BAHARÎYA																0	0	0
KHÂRGA	01	9	04	1	1	4	3	14.8	-0.3	20.7	32	-1	11	-1	54	0	0	—
DAKHLA	00	8	24	2	0	0	—	15.0	-1.0	22.5	29	-4	18	+2	56	0	0	—
Red Sea																		
TÛR	00	7	28	3	0	0	—	12.2	-1.2	18.1	24	+1	15	-3	54	0	0	0
HURGHADA	00	7	28	2	0	0	—	—	—	25.1	29	-1	15	-4	35	0	0	0
QUSEIR	01	8	30	2	1	4	4	12.7	-1.1	25.0	31	+1	21	-2	40	0	0	0
PORT SÛDÂN	01	8	02	2	1	3	8	13		29					70	0	0	10
North Sûdân																		
WÂDI HALFA	00	8	02	2	0	1	4	12		25					19	0	0	—
KAREIMA	00	8	00	0	0	0	—	9		29					35	0	0	1
'ATBARA	18	5	08	5	0	0	—	9		31					31	0	tr	1
KHARTÛM	00	8	28	1	0	0	—	8		29						0	2	3
KASSALA	00	8	00	0	0	0	—	8		28					45	0	1	6
Central Sûdân																		
WAD MEDANI	00	9	30	2	0	0	—	8		28					52	0	15	8
RENK	01	9	18	3	1	4	4			27					79	—	—	33
ROSEIRES																0	14	22
EL OBEID	00	9	24	3	0	0	—	9		25					70	0	69	12
EL FÂSHER								—	—							0	4	6
GENEINA								—								—	—	4
KADUGLI	01	8	24	2	0	3	1	11		24					74	—	—	78
S. Sûdân																		
MALAKÂL	01	8	00	0	1	4	4	10		24					84	8	94	66
WÂU	01	8	00	0	1	4	4	10		23					89	0	116	104
JUBA	01	8	18	1	0	4	4	11		24					84	0	153	74

UPPER WINDS ON 24th — الرياح العليا يوم ٢٤

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT 7h. m.	PORT SAÎD h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT h. m.	LUXOR 12h.45m.	ASWÂN 7h. m.	WÂDI HALFA 8h.15m.	ABU HAMAD 7h.15m.	KAREIMA h. m.	KHARTÛM 7h. m.
	03 03 20					03 06 01	02 02 10	09 02 25	09 07 30		09 14 30
	09 11 10					06 11 15	05 08 15	15 03 25	15 06 55		15 08 40
	15 15 05					09 13 10	10 11 15		21 08 35		21 06 30
	21 27 05					12 17 10			27 06 25		24 06 30
	30 22 30					15 18 15			33 05 30		30 06 25
	39 20 05					18 22 20			39 07 10		
	45 23 15					21 22 20					
	51 23 30										
	60 22										

KASSALA 7h. m.	PORT SÛDÂN 7h. m.	EL OBEID 7h.45m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL 7h. m.
09 11 30	09 09 20	09 25 30			09 23 15
15 10 30	15 10 30	15 03 30			15 24 05
21 09 30	21 10 40	21 05 30			21 13 05
	27 10 40	27 06 35			27 30 05
		33 07 35			33 06 30
					39 08 05

CYPRUS SYNOPTIC 8h. ON 24th

34700 00990 00000 17171 00403 00120

34800 00990 24100 19161 20403 00110

UPPER AIR TEMP. ALMÂZA AT 6h. G.M.T. ON 24th

HEIGHT FEET	P.P.P. m.b.	T.T. °F	T.T. °F
Surface	1006	69	62
500	989	68	65
1000	970	67	63
1500	952	65	62
2000	935	72	54
4000	869	71	46
6000	806	65	42
8000	747	56	36
10000	692	47	30
12000	640	41	26
14000	591	35	25
16000	545	27	20

Remarks

Hours are Egyptian standard time, long 30 E. and are two hours fast on Greenwich mean time

Station	Mean of day Humidity % on 23rd	Humidity Diff from normal	Wet Bulb Temp °C on 23rd	Wet Bulb Diff from normal	Previous day Humidity %	Previous day Diff from normal	Previous day Wet Bulb Temp °C	Previous day Diff from normal
Alexandria	58	-10	17.8	-1.8				
Ezbekîya	74	+7	18.6	-0.1				
Gîza	66	-3	18.6	+0.1				
Helwân	64	+11	18.2	+1.0				

GÎZA — GRASS MINIMUM TEMP. ON 24th 15.1 °C

CAIRO — WATER TEMP. RIVER NILE ON 24th AT 8h. 22.7 °C

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	24	13.52	-0.16	13.69	+0.02
Nâsser		11.30	+0.72	11.30	+0.73
Malakâl		12.85	+0.54	12.84	+0.53
J. Aulia Res.		377.36	—	377.28	—
J. Aulia D.S		373.92	+0.30	373.94	+0.26
Roseires		16.42	+1.07	16.54	+1.09
Sennar Res.		17.20	—	17.21	—
Khartûm		13.98	+0.46	14.02	+0.42
Kh. el Girba		11.64	+0.25	11.76	+0.37
'Atbara	24	13.08	+0.43	13.10	+0.36
Kajnarti		138.51	-0.05	138.61	-0.01
Aswân Res.		113.48	—	113.17	—
Aswân D.S		89.00	-0.83	89.18	-0.84
Roda (Cairo)		18.58	+0.01	18.63	+0.04

Discharges at Aswân measured by sluices m³ per sec.	Date	1946	1945
	24-10	3872	4304
	23-10	2969	4582

Printed by the Survey of Egypt, 1945 (45/308)

ANNUAL SUBSCRIPTION P.T. 150

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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.

DAILY WEATHER REPORT

Time of Sunrise h. 6 m. 23
Sunset 17 15

Month October 1946 شهر أكتوبر ١٩٤٦

At 14h. on Thursday 24th الساعة ١٤ يوم الخميس ٢٤ — At 20h. on

STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	02	1	1	0	—	15.9	23.6	56	0	00	8	00	0	0	0	—	16.8	20.0	71	0	131
MARIUT	01	7	01	2	1	3	6	15	25			00	7	02	2	0	0	—	16	21	83	0	150
ALEXANDRIA	01	9	04	3	2	4	4	15.1	24.6	65	0	01	5	04	3	2	3	4	16.3	21.8	75	0	132
DAMIETTA	01	8	32	3	1	3	8	14.3	25.0	75	0	09	5	02	1	1	0	—	14.7	23.0	82	0	159
PORT SA'ÎD	01	8	30	3	1	4	2	14.0	27.2	69	0	00	8	04	2	0	0	—	14.7	24.3	81	0	134
EL 'ARÎSH	01	9	00	0	0	4	3	13.2	26.1	62		01	9	00	0	0	3		14.3	20.9	90	0	135
LOWER EGYPT																							
DAMANHÛR	01	7	04	3	1	3	8	14.7	26.3	60	0	00	7	32	3	1	0	—	15.9	20.3	82	0	136
MANSÛRA	01	8	02	2	1	4	8	14.4	29.0	57	0	00	6	02	2	1	0	—	15.4	22.6	81	0	137
TANTA	01	8	28	1	1	4	8	13.9	29.0	46	0	00	8	32	1	1	0	—	15.4	21.8	84	0	138
ZAGAZIG	01	6	28	2	1	3	8	14.4	29.4	57	0	08	6	32	2	0	0	—		21.3	79	0	139
SHEBÎN EL KÔM	01	8	04	2	1	3	2	14.2	30.1	48	0	00	7	02	1	0	0	—	15.6	23.1	76	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	01	8	02	1	1	4	4	13.0	29.7	44	0	00	7	04	2	1	0	—	14.5	24.8	69	0	141
CAIRO EZBEKÎYA	01	9	02	2	1	4	1	13.2	29.7	45	0	00	6	02	2	0	2	4	14.7	24.5	72	0	—
CAIRO GÎZA	01	7	02	2	1	4		13.2	29.6	49	0	00	8	04	2	0	0	—	15.0	24.4	69	0	—
HELWÂN	01	8	02	2	1	4	1	13.1	31.0	33	0	01	7	02	0	1	4	1	14.3	25.4	58	0	143
SUEZ	01	9	30	1	1	4	1	13.5	30.6	41	0	00	9	00	0	0	0	—	15.0	24.4	68	0	144
UPPER EGYPT																							
FAIYÛM	01	8	30	1	1	4	3	12.7	30.0	38	0	01	8	30	2	1	4	3	14.0	24.6	65	0	153
MINYA	02	8	02	2	2	5	4	12.8	28.4	43	0	08	8	32	1	1	0	—	13.9	28.4	69	0	154
ASYÛT	00	8	20	1	1	0	—	13.1	27.7	40	0	00	6	22	1	0	0	—	13.0	23.6	55	0	155
NAG HAMÂDI	01	8	00	0	1	4	4	12.3	29.1	44	0	01	8	00	0	1	4	4	12.2	22.8	64	0	164
QENA	01	8	24	1	1	4	3	11.2	33.0	31	0	01	6	26	2	1	4	3	11.8	25.0	57	0	156
LUXOR	01	7	26	2	1	4	2	11.5	36.5	25	0	00	6	28	1	0	0	—		25.2	53	0	157
ASWÂN	00	9	30	1	0	0	—	8.8	38.6	10	0	00	9	00	0	0	0	—	10.4	33.0	12	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	—	16.4	28.0	63	0	00		00	0	0	0	—	15.9	21.0	65	0	148
BAHARÎYA	00	9	00	0	0	0	—	12.0	26.5	46	0	00		32	1	0	0	—	15.8	23.0	59	0	149
KHÂRGA	02	9	02	1	2	5	3	12.4	32.4	32	0	00		00	0	0	0	—	12.7	27.2	36	0	151
DAKHLA	00	9	24	2	0	0	—		31.0	42	0	00	7	28	1	0	0	—	15.5	22.0	56	0	152
RED SEA																							
TÔR	65	7	28	4	2	6	5			59	0	00	7	28	2	0	0	—	13.0	26.1	72	0	145
HURGHÂDA	00	8	02	2	0	0	—		29.1	54	0	00	8	00	0	0	0	—		25.9	55	0	146
QUSEIR	00	8	02	2	1	0	—	12.0	31.0	54	0	00	8	32	2	0	0	—	12.4	25.4	67	0	147
PORT SÛDÂN	00	8	04	3	0	1	8	10	31	70													169
NORTH SÛDÂN																							
WÂDI HALFA	00	8	03	1	0	2	8	7	38	13													165
KAREIMA	00	8	06	2	0	0	—	6	38	10													166
'ATBARA	18	6	08	4	0	3	8,4	0	36	12													167
KHARTÛM	01	8	06	3	0	3	8	4	37	17													168
KASSALA	01	8	00	0	0	3	8	1	39	16													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	24	1	0	5	8	4	37	20													171
RENK	01	9	18	3	1	4	8	3	34	41													182
ROSEIRES																							172
EL OBEID	00	9	32	2	0	2	8	3	36	19													174
EL FÂSHER	01	9	04	2	1	4	8	—	35	23													175
GENEINA	01	8	32	3	1	4	8	—	34	20													179
KADUGLI	01	8	28	3	1	4	8		33	38													187
S. SÛDÂN																							
MALAKÂL	00	8	26	1	0	3	8,4	5	32	55													176
WÂU	01	8	32	2	1	3	8,4	4	34	41													177
JUBA	25	8	28	1	5	5	8,4	5	33	47	tr												178

At 8h. on Friday 25th الساعة ٨ يوم الجمعة ٢٥

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct 1 mms
MEDITERRANEAN																		
SALÛM												—		—				2
MATRÛH	00	9	00	0	0	3	8	17.1	0.0	20	24	-2	15	-3	74	0	13	12
MARIUT	01	7	03	1	0	3	6,8	17		24		—	20	—		0	3	4
ALEXANDRIA	02	9	04	2	2	5		17.2	0.0	23.0	27	0	22	+3	72	0	3	4
DAMIETTA	01	7	32	2	1	3	8	15.9	-0.1	24.0	26	—	22	—	77	0	dr	4
PORT SA'ÎD	01	8	02	2	1	4	8	16.7	+1.1	26.9	30	+2	22	+2	61	0	4	2
EL 'ARÎSH	01	9	00	0	0	3	2	15.5	-0.1	22.2	29	+1	15	-1		0	0	3
LOWER EGYPT																		
DAMANHÛR	00	7	32	3	0	0	—	15.2	1.6	21.0	27	-2	16	0	72	0	2	3
MANSÛRA	01	8	02	1	1	4	6	16.3	0.0	22.8	30	0	19	+2	80	0	dr	2
TANTA	01	8	28	2	1	4	8	16.2	-0.7	22.4	30	0	17	+2	86	0	0	2
ZAGAZIG	00	6	32	2	0	2	8	16.0	-0.8	24.2	30	0	18	+3	83	0	0	1
SHEBÎN EL KÔM	01	8	02	2	1	4	8	16.8	0.0	21.9	33	—	18	—	83	0	dr	—
MIDDLE EGYPT																		
CAIRO ALMAZA	51	6	06	2	5	8	8	16.1	-0.5	26.0		—	20	—	93	dr	dr	—
CAIRO EZBEKÎYA	05	5	04	2	5	8	0	16.2	-0.4	21.6	31	+2	20	+3	87	dr	dr	1
CAIRO GÎZA	09	6	04	3	5	8	6	17.0	+0.2	22.2	30	+1	19	+4	87	dr	dr	2
HELWÂN	01	7	02	3	1	4	8	16.4	-0.3	20.3	32	+3	19	+2	88	0	0	1
SUEZ	01	9	30	2	1	4	1	16.4	+0.7	23.0	32	+2	20	+2	81	0	dr	1
UPPER EGYPT																		
FAIYÛM	01	8	02	2	1	4	6	16.2	-0.2	22.0	32	+1	19	+3	84	dr	dr	0
MINYA	03	8	32	3	2	8	2	15.6	-0.6	21.9	29	0	15	-1	90	0	dr	—
ASYÛT	00	7	00	0	0	0	—	15.6	0.0	22.2	29	0	17	0	64	0	0	0
NAG HAMÂDI	00	8	00	0	0	0	—	14.8	+0.1	28.8	32	—	15	—	50	0	0	—
QENA	00	7	26	2	0	0	—	15.8	+1.7	25.0	35	+1	18	+1	47	0	0	—
LUXOR	00	7	28	2	0	0	—	14.3	0.0	26.4	38	+3	17	[illegible]	46	0	0	—
ASWÂN	00	9	32	1	0	0	—	13.0	-0.6	27.4	39	+3	21	+1	26	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	18.2	+0.2	18.7	29	-2	10	-3	70	0	0	0
BAHARÎYA	00	9	00	0	0	0	—	15.6	-1.5	24.0	29	-1	18	+3	67	0	0	0
KHÂRGA	00	9	00	0	0	0	—	14.2	-0.9	20.3	33	0	17	0	50	0	0	—
DÂKHLA	00	8	28	1	0	0	—	15.8	-0.3	22.0	33	+1	17	+1	58	0	0	—
RED SEA																		
TÔR																	0	0
HURGHÂDA	00	8	26	1	0	0	—			25.6	30	0	19	0	39	0	0	0
QUSEIR	00	8	22	2	0	0	—	13.0	-0.9	26.0	32	+2	21	-1	48	0	0	0
PORT SÛDÂN	00	8	30	3	0	1	6	12		29					74	0	0	10
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	1	0	0	—	12		26					23	0	0	—
KAREIMA	00	8	08	2	0	0	—	8		29					31	0	0	1
'ATBARA	00	7	08	4	0	0	—	9		38					29	0	tr	1
KHARTÛM	00	8	02	3	0	0	—	8		28					33	0	2	3
KASSALA	00	8	06	3	0	0	—	7		32					43	0	1	6
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	12	2	0	0	—	8		28					45	0	15	8
RENK	00	9	12	3	0	0	—	7		28		—		—	70	—	—	34
ROSEIRES																0	14	23
EL OBEID	00	8	04	1	0	0	—	8		27					55	0	69	12
EL FÂSHER	00	9	00	0	0	2	0	—	—	26					34	0	4	6
GENEINA	01	8	32	3	1	4	4	—	—	23		—		—	38	0	—	4
KADUGLI	00	8	28	4	1	3	1	9		23		—		—	94	—	—	78
S. SÛDÂN																		
MALAKÂL	01	8	20	1	0	3	4	8		24					94	0	94	68
WÂU	01	8	00	0	1	0	4	9		24					84	0	116	107
JUBA	00	8	12	1	1	1	4	10		25					79	tr	153	77

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 24th الرياح العليا يوم ٢٤

MATRÛH h. m.	MARIUT 12h. 45m.	PORT SA'ÎD 12h. 30m.	ALMÂZA 12h. 30m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 12h. m.	KAREIMA 12h. m.	KHARTÛM 12h. m.	KASSALA 12h. 45m.	EL OBEID 12h. m.	MALAKAL 12h. m.	JUBA 12h. 30m.
	03 02 12	03 25	03 01 20				09 12 10	09 05 20	09 07 10	09 36 05	09 08 10	09 32 14	09 07 10
	06 08 15	06 08 14	06 01 20				15 15 10	15 09 30	15 06 15	15 02 05	15 06 20	15 01 08	15 06 15
	09 12 20	09 10 10	09 02 05				21 15 30	21 05 40	21 05 20	21 04 05	21 05 20	21 31 08	21 07 15
	12 16 08	12 17 15	12 01 12				27 14 30	27 06 05	24 05 20		27 05 20	27 30 05	27 06 25
	15 25 10	15 21 20	15 02 15				33 12 20	33 05 20	30 05 20		33 07 10	33 31 14	33 08 25
	18 24 15	18 24 30	21 09 15				39 20 10	39 01 15	39 04 20		39 08 20		39 11 20
	21 15 03	24 23 20	27 08 15										
		30 22 20	30 01 20										
		39 21 22	31 04 25										

UPPER WINDS ON 25th الرياح العليا يوم ٢٥

MATRÛH h. m.	MARIUT 7h. 15m.	PORT SA'ÎD 8h. 10m.	HELWÂN h. m.	MINYA h. m.	ASYÛT h. m.	LUXOR 6h. 45m.	ASWÂN h. m.	WÂDI HALFA 7h. 10m.	ABU HAMAD 7h. 15m.	KAREIMA 7h. m.	KHARTÛM h. m.
	03 03 15	03 06 17				03 04 20		09 12 30	09 08 50	09 07 50	
	06 01 12	06 04 25				06 10 15		15 11 30	15 08 60	15 06 50	
	09 01 14	09 21 05				09 12 10			18 09 50	21 05 45	
		12 18 20				12 11 15				27 09 30	
		15 18 15				15 13 10				30 08 30	
		18 21 20				18 11 20					
		24 23 15				21 12 10					
		30 29 15									
		45 01 08									

KASSALA 7h. m.	PORT SÛDÂN h. m.	EL OBEID 7h. m.	EL FÂSHER 7h. 15m.	GENEINA h. m.	MALAKAL 7h. 15m.
09 10 40		09 07 20	09 04 20		09 05 20
15 11 20		15 04 20	15 06 15		12 07 15
21 10 15		21 06 05	21 08 20		21 09 40
27 08 15		27 07 10	27 10 20		27 10 50
33 26 05		33 06 10	30 11 10		33 11 20
		39 11 20			

UPPER AIR TEMP. ALMÂZA AT 6 ½ G.M.T ON 25th

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	1007	68	67
500	990	68.5	67
1000	974	68	66
1500	953	66	63
2000	936	71	57
4000	870	72	47
6000	807	65.5	43
8000	748	57	43
10000	692	45	37
12000	640	39	29
14000	592	28	28.5
16000	546	18	17

CYPRUS SYNOPTIC 8h. ON 25th
34700 00980 00000 16190 9030x
34804 00991 22101 17180 71203 00120

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day: Humidity % on 24th	Diff from normal	Wet Bulb Temp °C on 24th	Diff from normal
Alexandria	67	-1	19.5	0.0
Ezbekîya	73	+6	20.6	+2.0
Gîza	68	-1	20.9	+2.5
Helwân	62	+9	19.7	+2.6

GÎZA — GRASS MINIMUM TEMP. ON 25th 17.2°C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 25th 22.7°C

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	25-10	3741	4117
	24-10	3872	4304

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Diff. from normal m.
Jûba				12.82	-0.16
Nâsser				11.30	+0.72
Malakâl		12.85	+0.53	12.85	+0.54
J. Aulia Res.				377.36	
J. Aulia D.S				373.92	+0.30
Roseires		16.32	+1.05	16.42	+1.07
Sennar Res.		17.20		17.20	
Khartûm	[illegible]	12.92	+0.50	12.98	+0.46
Kh. el Girba	[illegible]	11.50	+0.22	11.60	+0.25
'Atbara	[illegible]	13.10	+0.52	13.08	+0.43
Kajnarti		138.39	-0.07	138.51	-0.05
Aswân Res.		113.29		113.48	
Aswân D.S		88.90	-0.77	89.00	-0.83
Roda (Cairo)		18.42	-0.06	18.50	+0.01

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 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 AMOUNT (N)
Clear 0
Trace 1
1 Tenth 2
2, 3 Tenths 3
4, 5, 6 Tenths 4
7, 8 Tenths 5
9 Tenths 6
Over 9 Tenths 7
Overcast 8
Fog or Dust 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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ANNUAL SUBSCRIPTION P.T. 150

Time of Sunrise h. 06 m. 09
Sunset h. 17 m. 14

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month OCTOBER 1946 — شهر أكتوبر ١٩٤٦

At 14h. on FRIDAY 25th (الساعة ١٤ يوم الجمعة ٢٥) and at 20h. on 25th (الساعة ٢٠ يوم الجمعة ٢٥)

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	00	0	0	0	—	17.1	23.0	61	0												131
MARIUT	00	8	31	3	1	3	6	16	26	62	0	00	7	31	1	0	3	6	17	21	78	0	150
ALEXANDRIA	01	9	04	3	2	4	8	16.3	24.8	62	0	01	5	04	1	2	3	4	17.9	21.4	70	0	132
DAMIETTA	01	8	28	3	1	3	8	15.4	24.8	69	0	00	7	28	1	1	0	—	17.1	22.0	82	0	159
PORT SA'ÎD	00	8	30	3	0	3	3	14.8	26.2	76	0	01	8	28	3	1	4	6	16.2	23.0	83	0	134
EL 'ARÎSH	01	9	28	3	0	3	3	14.2	25.8	78	0	00	9	00	0	0	0	—	15.4	22.9	91	0	135
LOWER EGYPT																							
DAMANHÛR	01	7	08	3	1	3	8	15.6	26.3	60	0	01	7	04	3	1	3	8	15.8	19.8	78	0	136
MANSÛRA	01	8	02	2	1	4	8	14.8	28.5	58	0	00	6	02	2	1	0	—	16.4	20.8	86	0	137
TANTA	00	8	32	1	1	3	8	15.2	28.1	56	0	00	8	32	1	1	0	—	16.7	21.2	81	0	138
ZAGAZIG	00	6	32	2	1	2	8	13.8	29.8	53	0	00	6	32	2	0	0	—	16.0	21.2	86	0	139
SHEBÎN EL KÔM	00	8	02	3	0	0	—	15.2	30.2	49	0	00	7	02	1	0	0	—	16.2	22.3	75	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	01	8	32	2	1	4	4,5				0	00	7	02	4	0	0	—	15.7	24.5	72	0	141
CAIRO EZBEKÎYA	01	8	02	2	1	5	3	14.2	30.6	49	0	00	6	02	3	0	0	—	15.9	24.3	74	0	—
CAIRO GÎZA	01	7	32	2	1	4	4	14.3	29.7	47	0	00	8	02	2	0	0	—	16.2	23.8	72	0	—
HELWÂN	01	8	32	2	1	4	4	13.9	30.9	36	0	00	7	02	4	0	2	4	15.4	25.0	66	0	143
SUEZ	01	9	30	2	1	4	1	14.2	30.8	43	0	00	9	30	2	0	0	—	16.0	24.5	66	0	144
UPPER EGYPT																							
FAIYÛM	01	8	32	2	1	4	6	13.6	31.0	39	0	01	8	32	2	1	4	6	15.2	24.7	64	0	153
MINYA	01	8	32	2	1	3	4	13.6	29.8	50	0	01	8	30	1	1	4	4	12.8	26.2	52	0	154
ASYÛT	00	8	20	1	0	0	—	13.2	29.2	51	0	00	6	22	1	0	0	—	13.9	24.0	53	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	11.8	32.9	34	0	00	8	00	0	0	0	—	13.0	24.8	62	0	164
QENA	00	8	24	1	0	0	—	10.6	33.6	39	0	00	6	24	1	0	0	—	12.0	26.8	44	0	156
LUXOR	00	7	02	2	0	0	—	11.4	37.5	27	0	00	6	22	1	0	0	—	12.6	26.8	37	0	157
ASWÂN	00	9	00	0	0	0	—	9.4	38.0	12	0	00	9	00	0	0	0	—	11.6	34.0	13	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	—	17.8	28.0	41	0	00	—	00	0	0	0	—	17.6	20.3	49	0	148
BAHARÎYA																							149
KHÂRGA	00	9	04	2	0	0	—	12.4	35.5	23	0	00	—	04	1	0	0	—	13.0	30.0	26	0	151
DAKHLA	00	9	28	1	0	0	—		32.0	38	0	00	7	28	1	0	0	—	16.7	21.0	64	0	152
RED SEA																							
TÔR	00	7	28	3	0	0	—	13.0	29.3	65	0	00	7	28	3	0	0	—	13.2	24.9	72?	0	145
HURGHÂDA	00	8	04	1	0	0	—	—	29.9	46	0	00	8	00	0	0	0	—	—	25.9	67	0	146
QUSEIR	00	8	32	2	0	0	—	13.0	31.0	61	0	00	8	04	2	0	0	—	12.2	26.2	84	0	147
PORT SÛDÂN	00	8	04	2	0	2	8	10	32	63													208
NORTH SÛDÂN																							
WÂDI HALFA	00	8	30	2	0	0	—	7	39	11													165
KAREIMA	00	8	04	3	0	0	—	6	37	11													166
'ATBARA	00	8	12	2	0	2	8	4	38	19													167
KHARTÛM	00	8	08	2	0	2	8	3	38	16													169
KASSALA	01	8	22	2	2	4	8,4	2	39	17													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	16	2	0	4	8	—	28	52													171
RENK	01	9	20	3	1	4	8		36	40													182
ROSEIRES	01	8	04	1	0	4	8	5?	36	31													172
EL OBEID	02	9	02	2	1	7	8,2	2	36	18													174
EL FÂSHER	01	9	04	3	0	3	8	—	36	10													175
GENEINA	01	8	04	3	0	3	8	6	36	15													179
KADUGLI	01	8	28	2	1	4	9	5	35	35													187
S. SÛDÂN																							
MALAKÂL	01	8	18	1	1	4	4	4	35	44													176
WÂU	01	8	08	1	1	4	2,1	4	34	36													177
JUBA	01	8	22	2	1	4	8	4	33	41													178

At 8h. on SATURDAY 26th (الساعة ٨ يوم السبت ٢٦)

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C MM	Max. Diff. from norm. °C	Minimum Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total From Oct. 1 mms.	Norm. From Oct. 1 mms.
MEDITERRANEAN																		
SALÛM												—		—				3
MATRÛH	00	9	00	0	1	0	—	20.3	+3.2	19.6	25	-1	15	-3	77	0	13	12
MARIUT	01	7	32	2	1	5	6	19	—	22	26	—	18	—	61	0	3	5
ALEXANDRIA	02	9	04	3	2	5	4	19.5	+2.2	22.0	27	0	20	+1	59	0	3	5
DAMIETTA	01	8	28	2	1	5	9	18.0	+1.9	22.9	26	—	20	—	74	0	dr.	5
PORT SA'ÎD	01	8	30	2	1	4	8	16.7	+1.1	25.7	30	+2	22	+2	65	0	4	2
EL 'ARÎSH	02	9	20	2	0	5	9	17.2	+1.6	25.2	28	0	16	0	87	0	0	3
LOWER EGYPT																		
DAMANHÛR	01	7	28	3	1	5	4	18.8	+1.9	20.0	29	-2	15	-1	76	0	2	3
MANSÛRA	01	8	32	2	1	4	0	18.3	+2.0	21.0	30	+1	18	+1	80	0	dr.	2
TANTA	01	8	28	1	1	4	8	18.3	+1.3	20.0	29	0	15	0	81	0	0	2
ZAGAZIG	01	6	24	2	1	4	8	16.0	-0.9	21.5	31	+1	16	+1	82	0	0	1
SHEBÎN EL KÔM	01	8	30	2	1	4	8	19.1	+2.3	19.3	33	—	16	—	80	0	dr.	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	05	1	1	5	6,4	18.6	+2.0	19.2		—	18	—	82	0	dr.	—
CAIRO EZBEKÎYA	05	5	02	1	1	5	6	18.6	+2.0	19.6	32	+3	18	+1	82	0	dr.	1
CAIRO GÎZA	01	7	32	1	1	4	6	19.0	+2.2	20.5	31	+2	17	+3	76	0	dr.	2
HELWÂN	01	7	32	3	1	4	6	18.4	+1.6	20.7	31	+2	19	+2	78	0	0	1
SUEZ	01	9	30	2	1	5	5	18.4	+2.7	23.2	33	+3	21	+3	76	0	dr.	1
UPPER EGYPT																		
FAIYÛM	00	8	32	2	0	0	—	18.3	+1.9	20.9	32	+2	18	+2	84	0	dr.	0
MINYA	00	9	30	2	0	0	—	17.8	+1.5	21.9	31	+2	19	+3	80	0	dr.	—
ASYÛT	00	7	26	1	0	0	—	19.0	+1.3	21.5	31	+2	19	+2	70	0	0	0
NAG' HAMÂDI	00	8	00	0	0	0	—	15.6	+0.8	23.8	34	—	16	—	67	0	0	—
QENA	01	7	24	2	0	3	1	15.1	+0.9	22.4	37	+3	19	+2	63	0	0	—
LUXOR	00	7	28	1	0	0	—	15.0	+0.6	26.8	40	+5	18	+1	27	0	0	—
ASWÂN	00	9	00	0	0	0	—	14.0	+0.3	27.2	41	+6	22	+2	31	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	20.0	+1.9	18.0	29	-2	8	-5	60	0	0	0
BAHARÎYA	00	9	00	0	0	0	—	19.1	+1.9	20.0	30	0	15	0	64	0	0	0
KHÂRGA	00	9	04	1	0	0	—	15.6	+0.4	22.5	36	+3	20	+3	58	0	0	—
DÂKHLA	00	8	28	2	0	0	—	17.1	+0.9	24.0	34	+2	20	+4	60	0	0	—
RED SEA																		
TÔR	00	7	28	3	0	0	—	14.2	-0.3	20.9	30	+2	19	+2	60	0	0	0
HURGHÂDA	00	8	30	4	0	0	—	—	—	25.2	32	+2	17	+1	74	0	0	0
QUSEIR	00	8	28	1	0	0	—	13.9	-0.1	25.4	32	+2	23	+1	53	0	0	0
PORT SÛDÂN	00	8	04	3	0	2	8	13		30					66	0	0	11
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	1	0	0	—	13		25					19	0	0	—
KAREIMA	00	8	05	2	0	0	—	11		29					25	0	0	1
'ATBARA	00	8	02	3	0	0	—	10		29					27	0	dr.	1
KHARTÛM																0	2	3
KASSALA	00	7	00	0	1	0	—	8		29					52	0	1	7
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	00	0	1	3	3	8		28					40	0	15	9
RENK	01	9	12	3	1	4	4			28		—		—	70	—	—	36
ROSEIRES	01	8	16	1	0	3	4	–		27					70	0	14	24
EL OBEID	00	9	00	0	0	2	4	9		27					45	0	69	13
EL FÂSHER	00	8	00	0	0	0	—	—	—	24					32	0	4	6
GENEINA	00	8	04	3	0	0	—	—	—	21		—		—	38	—	—	4
KADUGLI	01	8	28	3	1	3	1	10		25		—		—	74	—	—	79
S. SÛDÂN																		
MALAKÂL	01	8	00	0	1	4	4	9		26					89	0	94	70
WÂU	02	9	00	0	1	6	4,3	10		24					84	0	116	110
JUBA	01	8	12	2	0	4	2	11		25					84	0	153	80

UPPER WINDS ON 25th (الرياح العليا يوم ٢٥)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	12h. 30m.	13h. m.	12h. 30m.	12h. 45m.	13h. m.	13h. 15m.	13h. 15m.	12h. 45m.	14h. 30m.	13h. m.	13h. m.	13h. m.	12h. 30m.
	03 36 15	03 25 15	03 03 15	03 32 10	03 07 03	03 07 05	09 08 10	09 08 25	09 03 10	09 30 05	09 08 05	09 19 05	09 04 15
	06 02 15	06 30 05	06 38 20	06 30 05	06 07 10	06 11 05	15 08 10	15 08 20	15 02 15	15 05 05	15 36 05	15 13 10	15 04 15
	09 12 05	09 17 30	09 33 05	09 27 05	09 12 10	09 26 10	21 09 30	21 07 20	21 10 05	21 06 05	21 06 10	21 14 10	21 07 10
	12 10 05	12 21 05	15 10 20	12 30 05	12 15 15	12 27 15	27 08 20	27 07 25	24 06 15		27 07 10	27 16 15	27 11 20
	15 14 10		18 09 25	15 20 10	15 16 15	15 28 15	33 08 20	33 07 35			33 06 15	33 16 10	33 10 30
				21 23 30		18 28 15	39 07 25	39 06 40				39 15 10	39 11 40
				30 22 25		21 28 20							
				33 19 30									

UPPER WINDS ON 26th (الرياح العليا يوم ٢٦)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	7h. 15m.	6h. 45m.	9h. m.	7h. m.	h. m.	6h. 45m.	7h. m.	7h. 15m.	h. m.	7h. m.	6h. 30m.
	03 35 20	03 35 15	02 01 05	03 01 40		03 03 15	02 03 10	09 09 35		09 07 30	09 04 50
	06 36 30	06 35 15	05 01 20	06 36 40		06 04 10	05 02 20	15 05 45		15 06 35	15 07 40
			10 35 15	09 34 20		09 10 05	10 08 15	21 04 45		21 08 40	21 04 20
			15 19 15	15 22 05		12 06 05	15 11 20	24 04 40		27 09 50	24 05 20
			20 21 20	21 21 20		15 05 02	20 11 20	33 05 55		33 10 35	33 05 05
			25 22 40	27 21 25			25 09 25			39 12 20	
			30 22 45	30 21 20			30 09 25				
			35 23 50								
			37 23 45								

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6h. 45m.	7h. m.	7h. 30m.	8h. 15m.	7h. m.	7h. m.
09 11 20	09 08 20	09 27 05	09 02 15	09 06 30	09 23 15
15 10 20	15 10 40	15 03 05	15 04 50	15 08 40	15 26 05
21 07 15	21 12 40	21 08 20	21 05 60	21 08 50	21 25 05
27 05 10	27 12 45	27 05 30	27 08 50	27 09 35	27 02 05
33 03 05	33 17 55	30 03 35	33 08 30	33 06 35	33 08 10
				37 05 20	

UPPER AIR TEMP. ALMÂZA AT 6 G.M.T ON 26th

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	1012	65	63
500	994	64	62
1000	976	64	62
1500	958	63	61
2000	941	63	58
4000	874	66	54
6000	811	65	47
8000	752	55	42
10000	696	47	34
12000	644	38	31
14000	[illegible]	30	24
16000	548	22	17

CYPRUS SYNOPTIC 8h. ON 26th
34100 00910 50000 1619x x0xxx 0dxxx

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	26th	3665	3578
	25th	3749	4117

STATION	Mean of day Humidity % on 25th	Diff from normal	Wet Bulb Temp °C on 25th	Diff from normal
Alexandria	69	+1	19.2	-0.2
Ezbekiya	74	+7	21.4	+3.0
Giza	74	+5	21.0	+2.7
Helwân	71	+17	20.1	+3.1

GÎZA — GRASS MINIMUM TEMP. ON 26th 15.1° C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 26th 22.8° C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	26th	13.40	-0.30	13.39	-0.30
Nâsser		11.31	+0.73	11.31	+0.73
Malakâl		12.85	+0.53	12.85	+0.53
J. Aulia Res.		377.20	—	377.22	—
J. Aulia D S		373.87	+0.37	373.90	+0.34
Roseires		16.18	+0.98	16.32	+1.05
Sennar Res.		17.20	—	17.20	—
Khartûm		13.86	+0.50	13.92	+0.50
Kh. el Girba		11.52	+0.22	11.54	+0.22
'Atbara		13.10	+0.57	13.10	+0.50
Kajnarti		138.30	-0.05	138.39	-0.07
Aswân Res.		114.08	—	113.79	—
Aswân D.S		88.80	-0.75	88.90	-0.77
Roda (Cairo)		18.36	-0.13	18.48	-0.06

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 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 AMOUNT (N)

Clear 0; Trace 1; 1 Tenth 2; 2, 3 Tenths 3; 4, 5, 6 Tenths 4; 7, 8 Tenths 5; 9 Tenths 6; Over 9 Tenths 7; Overcast 8; Fog or Dust 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, 1945 (45/306)

ANNUAL SUBSCRIPTION P.T. 150

DAILY WEATHER REPORT

Sunset h. m. 17 13 — Month October 1946 — شهر أكتوبر ١٩٤٦

At 14h. on Saturday 26th (الساعة ١٤ يوم السبت ٢٦) — At 20h. on 26th (الساعة ٢٠ يوم السبت ٢٦)

Station	14h ww	V	DD	F	W	N	C	PPP	TTT	UU	Rain 8-14 mms	20h ww	V	DD	F	W	N	C	PPP	TTT	UU	Rain 14-20 mms	Station Number
MEDITERRANEAN																							
Salûm																							130
Matrûh	01	9	28	2	0	4	3	[illegible]	[illegible]	[illegible]	0	01	8	02	4	1	4	8	21.1	22.6	71	0	131
Mariut												00	7	30	3	0	0	—	19	23	65	0	150
Alexandria	01	9	04	3	2	4	8	18.8	24.6	59	0	01	5	04	4	2	3	4	20.0	24.0	60	0	132
Damietta	01	8	28	3	1	4	8	17.8	23.0	64	0	01	8	28	1	1	4	8	18.0	24.4	75	0	159
Port Sa'îd	01	8	26	4	1	3	6	16.2	26.3	61	0	02	8	28	2	1	5	6	17.2	21.7	71	0	134
El 'Arîsh	01	9	32	3	0	4	3	16.6	26.0	64	0	02	9	28	1	0	5		17.1	23.3	73	0	135
LOWER EGYPT																							
Damanhûr	01	7	32	3	1	3	8	18.6	24.3	57	0	01	7	04	3	1	3	8	18.4	19.0	72	0	136
Mansûra	00	8	32	2	1	0	—	17.9	26.2	54	0	00	6	02	1	0	0	—	19.0	20.8	79	0	137
Tanta	00	8	32	2	1	0	—	17.8	25.3	55	0	00	8	32	1	0	0	—	18.7	19.0	84	0	138
Zagazig	00	6	32	2	0	2	8	17.0	27.8	56	0	00	6	32	2	0	0	—	18.5	19.9	79	0	139
Shebîn el Kôm	00	8	02	3	0	0	—	18.0	28.8	43	0	00	7	02	2	0	0	—	19.4	20.5	74	0	—
MIDDLE EGYPT																							
Cairo Almâza	00	7	01	2	1	0	—	17	27	45		00	7	02	2	0	0	—	18.6	21.0	66	0	141
Cairo Ezbekîya	00	8	32	1	0	0	—	17.2	26.7	49	0	00	6	32	3	0	0	—	18.7	20.6	70	0	—
Cairo Gîza	00	8	30	3	0	0	—	17.4	27.0	50	0	00	8	02	1	0	0	—	19.2	20.6	72	0	—
Helwân	00	8	30	3	0	0	—	16.7	27.0	43	0	00	7	32	4	0	0	—	18.6	21.0	65	0	143
Suez	01	9	32	2	1	3	1	16.4	27.7	53	0	00	9	30	1	0	0	—	17.9	23.5	66	0	144
UPPER EGYPT																							
Faiyûm	00	8	30	2	0	0	—	16.3	27.7	46	0	00	8	32	4	0	0	—	16.9	22.0	66	0	153
Minya	00	9	32	3	0	0	—	15.4	29.2	52	0	00	8	32	2	0	0	—	16.6	22.8	62	0	154
Asyût	00	8	26	1	0	0	—	14.4	31.1	41	0	00	6	28	1	0	0	—	16.0	24.6	56	0	155
Nag' Hamâdi	00	8	00	0	0	0	—	13.2	31.3	47	0	00	8	00	0	0	0	—	14.3	23.8	79	0	164
Qena	00	8	24	1	1	0	—	12.2	34.6	35	0	00	6	24	1	0	0	—	14.9	27.8	56	0	156
Luxor	00	7	14	2	0	0		12.4	37.5	29	0	00	6	28	3	0	0	—	13.2	30.0	21	0	157
Aswân	02	9	30	1	1	5	4	10.0	38.4	10	0	00	9	32	1	0	0	—	11.5	35.0	10	0	158
WESTERN DESERT																							
Sîwa	00	6	00	0	0	0	—	19.6	28.0	35	-	00		00	0	0	0	—	20.2	22.0	50	0	148
Baharîya	00	9	00	0	0	0	—	17.1	27.0	56	0												149
Khârga	00	9	02	2	0	0	—	13.5	32.5	27	0	00		32	3	0	0	—	14.4	29.2	25	0	151
Dakhla	00	9	28	2	0	0	—	16.0	32.0	38	0	00	9	28	1	0	0	—	17.5	33.0	65	0	152
RED SEA																							
Tôr	00	7	28	4	0	0	—	16.6	25.5	76	0	00	7	28	3	0	0	—	13.9	21.9	85	0	145
Hurghâda	00	8	32	3	0	0	—		29.2	57	0	00	8	28	3	0	0	—		24.9	67	0	146
Quseir	00	8	02	2	0	0	—	13.4	31.0	67	0	00	8	08	1	0	0	—	13.1	26.2	85	0	147
Port Sûdân	00	8	04	3	0	1	8	11	33	59													169
NORTH SÛDÂN																							
Wâdi Halfa	00	8	08	3	0	1		9	39	07													165
Kareima																							166
'Atbara	00	8	22	3	0	1	8	6	38	19													167
Khartûm	01	8	04	1	1	3	8	5	38	24													168
Kassala	02	9	04	1	0	5	8	4	38	21													170
CENTRAL SÛDÂN																							
Wad Medani	01	8	00	0	0	3	8	3	38	18													171
Renk	01	9	16	2	1	4	8	8	31	59													182
Roseires	11	7	24	1	1	6	9		32	49													172
El Obeid	01	9	06	1	0	4	8	4	36	24													174
El Fâsher	00	8	06	2	0	0	—	—	35	13													175
Geneina	00	8	30	4	0	0	—	—	34	11													179
Kadugli	01	8	28	3	1	4	9	6	35	39													187
S. SÛDÂN																							
Malakâl	01	8	00	0	1	5	9,4	4	35	44													176
Wâu	02	8	18	3	1	7	9	7	30	62													177
Juba	02	8	00	0	1	8	8,4	6	33	47													178

UPPER WINDS ON 26th (الرياح العليا يوم ٢٦)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh 12h.30m.	Mariut h. m.	Port Sa'îd 12h.30m.	Almâza 12h.45m.	Minya 12h.30m.	Luxor 12h.30m.	Hurghâda h. m.	Wâdi Halfa h. m.	Kareima h. m.	Khartûm h. m.	Kassala 12h.45m.	El Obeid 13h. m.	Malakal 13h. m.	Juba 13h. m.
02 04 30		03 32 30	03 35 25	03 34 25	03 36 05					09 31 05	09 05 05	09 29 10	09 02 05
06 32 05		06 34 25	06 01 25	06 35 15	06 36 05					15 06 05	15 05 05	15 31 05	15 36 10
09 33 15		09 34 15	09 01 20	09 35 20	09 33 05					21 06 05	21 05 05	21 16 05	21 35 05
		15 25 20	15 32 05	12 26 05	15 08 10					27 12 05	24 05 05	27 20 05	27 33 05
		21 24 30	21 32 25	15 28 10	18 04 05					33 13 10		33 23 05	33 10 10
		27 31 45	27 30 60	21 20 25								39 22 05	39 11 25
		30 30 50	30 30 50	30 24 25									
				39 22 20									
				45 24 20									

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	Date	1946	1945
	27 – 10	3562	3622
	26 – 10	3665	3878

Station	Mean of day: Humidity % on 26th	Diff from normal	Wet bulb temp °C on 26th	Diff from normal
Alexandria	57	– 11	18.5	– 0.8
Ezbekiya	70	+ 3	18.2	– 0.1
Giza	68	– 1	18.5	+ 0.3
Helwân	66	+ 12	18.1	+ 1.2

GÎZA — GRASS MINIMUM TEMP. ON 27th 14.6 °C

CAIRO — WATER TEMP. AT 8h. RIVER NILE ON 27th 22.7 °C

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day: Reading m.	Diff. from normal m.
Jûba				13.40	– 0.30
Nâsser				11.31	+ 0.73
Malakâl		12.84	+ 0.52	12.85	+ 0.53
J. Aulia Res.				377.20	
J. Aulia D.S.				373.87	+ 0.37
Roseires	٢٧ أكتوبر	16.04	+ 0.91	16.88	+ 0.98
Bennar Res.				17.20	
Khartûm		13.28	+ 0.48	13.86	+ 0.50
Kh. el Girba				11.52	+ 0.22
'Atbara		13.03	+ 0.55	13.10	+ 0.57
Kajnarti		128.36	+ 0.02	128.30	– 0.05
Aswân Res.		114.34		114.08	
Aswân D.S.		88.70	– 0.73	88.80	– 0.75
Roda (Cairo)		18.26	– 0.14	18.36	– 0.13

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At 8h. on Sunday 27th (الساعة ٨ يوم الأحد ٢٧)

Station	ww	V	DD	F	W	N	C	Bar M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb °C	Max Yesterday °C	Diff. from norm. °C	Min Today °C	Diff from norm. °C	% Humidity	Past 24 hrs mms	Total from Oct. 1 mms.	Norm from Oct 1 mms.
MEDITERRANEAN																		
Salûm												—		—				3
Matrûh	01	9	32	4	1	4	8	22.3	+ 5.1	20.3	25	– 1	19	+ 2	70	0	13	13
Mariut	01	7	31	3	0	3	6	19		22	28	—	21	—	67		3	5
Alexandria	02	9	32	4	1	5	8	19.9	+ 2.6	22.0	26	– 1	21	+ 2	58	0	3	5
Damietta	01	8	28	3	1	3	8	18.0	+ 1.9	22.2	25	—	21	—	65	0	dz	5
Port Sa'îd	01	8	28	3	1	4	8	17.9	+ 2.2	24.0	28	+ 1	21	+ 1	66	0	4	2
El 'Arîsh	01	9	20	1	0	5	3	17.6	+ 1.8	25.2	27	0	19	+ 3	58	0	0	3
LOWER EGYPT																		
Damanhûr	00	7	04	3	0	0	—	19.1	+ 2.2	21.0	25	– 4	17	+ 1	74	0	2	3
Mansûra	00	8	32	2	0	0	—	19.0	+ 2.6	21.2	28	– 1	18	+ 1	77	0	dz	2
Tanta	00	8	32	1	1	0	—	18.6	+ 1.6	20.0	26	– 3	15	0	81	0	0	2
Zagazig	00	6	32	2	0	0	—	18.3	+ 1.4	22.1	29	0	17	+ 2	80	0	0	1
Shebîn el Kôm	01	8	30	2	1	3	8	17.0	+ 0.1	20.3	28	—	15	—	80	0	dz	—
MIDDLE EGYPT																		
Cairo Almaza	00	7	02	1	1	2	1	19.0	+ 2.3	20.1	27	—	18	—	79	0	dz	—
Cairo Ezbekîya	05	5	02	2	0	1	8	18.8	+ 2.1	19.4	29	0	18	+ 1	86	0	dz	1
Cairo Gîza	00	7	30	1	0	0	—	19.2	+ 2.3	20.9	27	– 1	17	+ 3	81	0	dz	2
Helwân	05	6	02	3	0	2	1	18.7	+ 1.8	20.5	27	– 2	19	+ 2	75	0	0	1
Suez	01	9	00	0	1	5	8	19.0	+ 3.2	20.3	29	– 1	21	+ 3	75	0	dz	1
UPPER EGYPT																		
Faiyûm	00	8	30	3	0	2	3	18.8	+ 2.4	20.3	28	– 2	17	+ 1	81	0	dz	0
Minya	01	8	02	3	1	4	2	17.9	+ 1.5	21.2	29	0	16	0	71	0	dz	—
Asyût	01	7	30	1	1	4	1	17.2	+ 1.4	20.0	32	+ 3	18	+ 2	68	0	0	0
Nag' Hamâdi	00	8	00	0	0	0	—	16.0	+ 1.1	21.3	32	—	18	—	72	0	0	—
Qena	00	7	22	2	0	0	—	15.1	+ 0.8	21.3	36	+ 3	19	+ 2	74	0	0	—
Luxor	00	7	28	1	0	0	—	15.1	+ 0.6	27.0	39	+ 4	19	+ 3	31	0	0	—
Aswân	00	9	32	2	0	0	—	17.9	+ 0.1	26.0	39	+ 4	23	+ 3	47	0	0	—
WESTERN DESERT																		
Sîwa	00	7	00	0	0	0	—	21.6	+ 3.5	20.3	29	– 2	13	0	74	0	0	0
Baharîya																	0	0
Khârga	00	9	32	4	0	0	—	16.8	+ 1.6	20.3	34	+ 1	19	+ 2	81	0	0	—
Dâkhla	00	8	12	1	0	0	—	18.3	+ 2.1	22.5	33	+ 1	18	+ 2	70	0	0	—
RED SEA																		
Tôr	00	7	04	3	0	0	—	14.2	– 0.4	22.5	28	0	19	+ [illegible]	77	0	0	0
Hurghâda	00	8	30	4	0	0	—			23.2	30	0	22	+ 4	70	0	0	0
Quseir	00	8	30	3	0	0	—	13.2	– 0.8	26.0	32	+ 2	23	+ 1	71	0	0	0
Port Sûdân	02	9	30	4	1	6	6	12		29					70	0	0	11
NORTH SÛDÂN																		
Wâdi Halfa	00	8	02	3	0	0	—	13		25					45	0	0	—
Kareima	00	8	00	0	0	0	—	10		28					35	0	0	1
'Atbara	08	8	32	3	0	1	4	10		28					42	0	dz	1
Khartûm	08	9	04	1	1	1	4	9		30					33	0	2	3
Kassala	08	8	10	1	1	2	4	8		33					38	0	1	7
CENTRAL SÛDÂN																		
Wad Medani	01	9	14	2	1	5		9		27					42	0	15	9
Renk	01	9	14	3	1	4	4			26		—		—	79	—	—	38
Roseires	01	8	16	1	1	4	1	11?		26					70	0	14	25
El Obeid	08	9	00	0	0	2	4	10		27					55	0	69	13
El Fâsher	00	8	00	0	0	0	—	—	—	24					34	0	4	6
Geneina	00	8	31	2	0	0	—	—	—	24		—		—		—	—	4
Kadugli	02	8	28	2	1	5	4	11		24		—		—	69	—	—	80
S. SÛDÂN																		
Malakâl	01	8	00	0	1	4	4	9		27					70	0	94	71
Wâu	01	8	00	0	1	4	4	9		24					84	0	116	113
Juba	02	8	16	2	1	8	4	12		24					84	0	153	83

UPPER WINDS ON 27th (الرياح العليا يوم ٢٧)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh h. m.	Mariut h. m.	Port Sa'îd 7h.45m.	Helwân 8h.51m.	Minya 6h.45m.	Asyût h. m.	Luxor 5h.30m.	Aswân h. m.	Wâdi Halfa 7h.15m.	Abu Hamad 7h.15m.	Kareima 7h. m.	Khartûm 6h.30m.
		03 33 15	02 36 35	03 01 45		03 24 05		09 08 30	09 07 30	09 06 50	09 03 20
		06 33 20	05 01 30	06 01 70		06 02 10		15 07 25	15 04 20	15 06 55	15 05 30
			10 02 40	09 02 50		09 01 15		21 04 30	21 36 25	21 04 45	21 05 25
				15 33 15		12 02 20		27 05 25	27 34 15	27 03 50	
			Ent Cu	21 24 10		15 01 15		33 30 35		33 02 15	
				24 24 10		18 01 20		39 25 45		36 25 10	
						21 01 15					

Kassala 7h. m.	Port Sûdân 7h. m.	El Obeid 7h. m.	El Fâsher 7h. m.	Geneina 7h. m.	Malakal h. m.
09 04 20	09 10 20	09 04 15	09 36 15	09 06 30	
15 12 20	12 11 30	15 10 20	15 04 45	15 08 45	
21 10 20			21 06 30	21 09 40	
27 06 15			27 09 10	27 11 20	
			33 06 10	33 11 20	
			39 09 10	39 13 05	

CYPRUS SYNOPTIC 8h. ON 27th

34710 08952 00982 16201 30207 00160

34800 00990 02400 18180 70206 00140

UPPER AIR TEMP. ALMÂZA AT 6 G.M.T. ON 27th

Height feet	P.P.P m.b.	TT °F	tt °F
Surface	1009	64	63
500	991	64	61
1000	973	63	60
1500	955	62	59
2000	938	60	57
4000	872	58	47
6000	808	60	39
8000	749	53	34
10000	694	46	30
12000	642	37	28
14000	592	30	23
16000	545	22	—

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.

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 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 AMOUNT (N)

- Clear 0
- Trace 1
- 1 Tenth 2
- 2, 3 Tenths 3
- 4, 5, 6 Tenths 4
- 7, 8 Tenths 5
- 9 Tenths 6
- Over 9 Tenths 7
- Overcast 8
- Fog or Dust 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

ANNUAL SUBSCRIPTION P.T. 150

Sunset 17 12 h. m.

Month October 1946 27

DAILY WEATHER REPORT

١٩٤٦ شهر أكتوبر

At 14h. on Sunday 27th — الساعة ١٤ يوم الأحد ٢٧

STATION	PRESENT WEATHER WW	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 8-14 mms	STATION NUMBER
MEDITERRANEAN: SALÛM												130
MATRÛH	02	9	32	4	1	5	9	21.4	20.6	61	0	131
MARIUT	00	7	30	4	1	2	6	19	23	61	0	150
ALEXANDRIA	01	9	04	4	2	4	8	19.0	23.0	55	0	132
DAMIETTA	01	8	28	3	1	3	8	17.2	23.0	60	0	159
PORT SA'ÎD	01	8	28	4	1	4	4	17.2	24.8	55	0	134
EL 'ARÎSH	01	9	26	2	0	3	3	16.3	25.2	62	0	135
LOWER EGYPT: DAMANHÛR	01	7	32	3	0	3	8	18.6	24.5	57	0	136
MANSÛRA	01	8	32	2	1	3	8	18.0	25.8	52	0	137
ṬANṬA	01	8	32	3	1	3	8	17.4	24.7	51	0	138
ZAGAZIG	00	6	32	3	0	0	—	17.2	27.2	51	0	139
SHEBÎN EL KÔM	00	8	02	3	1	3	8	17.0	27.8	46	0	
MIDDLE EGYPT: CAIRO ALMÁZA	00	8	02	2	0	0	—	16.7	26.2	40	0	141
CAIRO EZBEKÎYA	00	8	32	3	0	0	—	17.1	27.0	48	0	—
CAIRO GÎZA	00	8	32	3	0	0	—	17.2	26.7	45	0	—
HELWÂN	00	8	30	4	0	0	—	17.0	26.2	41	0	143
SUEZ	00	7	02	1	0	0	—	16.6	26.7	51	0	144
UPPER EGYPT: FAIYÛM	00	8	02	3	0	0	—	16.7	27.0	41	0	153
MINYA	00	9	32	4	1	0	—	15.2	27.7	47	0	154
ASYÛṬ	01	8	36	1	1	4	1	15.0	28.2	32	0	155
NAG' ḤAMÂDI	00	8	00	0	0	0	—	13.1	28.8	54	0	164
QENA	01	8	24	2	0	4	1	12.0	30.4	42	0	156
LUXOR	01	7	30	1	1	4	1	12.7	35.0	37	0	157
ASWÂN	00	9	30	2	0	0	—	9.8	36.7	15	0	158
WESTERN DESERT: SÎWA	02	8	00	0	1	5	1	20.3	26.4	53	0	148
BAHARÎYA	00	9	00	0	0	0	—	16.7	28.0	57	0	149
KHÂRGA	00	9	32	2	0	0	—	18.1	30.4	27	0	151
DAKHLA	00	9	12	1	0	0	—	13.9	31.0	42	0	152
RED SEA: ṬÔR	00	7	28	5	0	0	—	18.9	26.5	59	0	145
HURGHÂDA	00	8	32	4	0	0	—		27.4	56	0	146
QUSEIR	00	8	32	3	0	0	—	12.6	29.2	65	0	147
PORT SÛDÂN	01	8	06	3	1	4	6	10	32	70		169
NORTH SÛDÂN: WÂDI ḤALFA	00	8	32	2	0	0	—	9	37	8		165
KAREIMA												166
'ATBARA	01	8	02	3	0	3	8,4,5	5	37	22		167
KHARTÛM	01	8	02	2	0	3	8	5	37	22		168
KASSALA	02	8	00	0	1	5	8,2	3	38	25		170
CENTRAL SÛDÂN: WAD MEDANI	01	8	12	3	1	5	8	3	38	21		171
RENK	01	9	24	3	1	4	8	3	36	40		182
ROSEIRES	10	7	16	1	1	5	6	6	33	38		172
EL OBEID	00	9	02	3	0	1	4	4	37	12		174
EL FÂSHER	00	8	32	1	0	0	—	—	34	18		175
GENEINA												179
KADUGLI	01	8	28	3	1	4	9	7	34	36		187
S. SÛDÂN: MALAKÂL	01	8	00	0	1	3	8	6	34	50		176
WÂU												177
JUBA	02	8	30	1	1	5	8,4,1	6	33	53		178

At 20h. on 27th — الساعة ٢٠ يوم الأحد ٢٧

STATION	PRESENT WEATHER WW	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 14-20 mms
MEDITERRANEAN: SALÛM											
MATRÛH	01	8	04	4	2	4	9	21.8	19.6	63	0
MARIUT	01	7	01	2	1	5	6	20	21	57	0
ALEXANDRIA	01	5	04	3	3	4	8	19.9	21.6	53	0
DAMIETTA	00	7	30	2	1	2	8	17.8	22.0	56	0
PORT SA'ÎD	01	8	30	2	1	4	4	16.7	22.3	67	0
EL 'ARÎSH	01	9	28	3	0	4		17.4	22.8	61	0
LOWER EGYPT: DAMANHÛR	00	7	32	3	1	0	—	19.2	19.5	77	0
MANSÛRA	00	6	02	2	1	0	—	18.8	19.8	74	0
ṬANṬA	00	8	32	1	0	0	—	18.8	18.1	84	0
ZAGAZIG	00	6	32	2	0	0	—	17.9	20.6	78	0
SHEBÎN EL KÔM	00	7	02	1	0	0	—	17.1	23.0	72	0
MIDDLE EGYPT: CAIRO ALMÁZA	00	7	02	2	0	0	—	18.4	20.3	63	0
CAIRO EZBEKÎYA	00	8	32	2	0	0	—	18.4	20.8	70	0
CAIRO GÎZA	00	8	32	1	0	0	—	18.8	19.8	71	0
HELWÂN	00	7	32	4	0	0	—	18.4	20.5	70	0
SUEZ	00	9	30	2	0	0	—	18.7	20.8	70	0
UPPER EGYPT: FAIYÛM	00	8	32	4	0	0	—	18.2	21.4	65	0
MINYA	00	8	32	3	0	0	—	16.4	22.1	61	0
ASYÛṬ	00	6	28	1	1	0	—	15.8	23.4	49	0
NAG' ḤAMÂDI	00	8	00	0	0	0	—	14.4	22.0	71	0
QENA	00	6	28	2	1	0	—	13.1	24.6	63	0
LUXOR	00	6	28	3	0	0	—	13.6	24.6	30	0
ASWÂN	00	9	32	3	0	0	—	11.8	33.0	21	0
WESTERN DESERT: SÎWA	00		00	0	0	0	—	20.6	20.8	58	0
BAHARÎYA	00		00	0	0	0	—	17.1	23.0	59	0
KHÂRGA	00		32	1	0	0	—	17.3	27.2	34	0
DAKHLA	00	7	16	1	0	0	—	17.3	28.0	72	0
RED SEA: ṬÔR	00	7	28	3	0	0	—	12.8	25.2	64	0
HURGHÂDA	00	8	28	4	0	0	—		29.9	69	0
QUSEIR	00	8	02	2	0	0	—	12.6	26.2	75	0
PORT SÛDÂN											
NORTH SÛDÂN: WÂDI ḤALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN: WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN: MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 27th — الرياح العليا يوم ٢٧

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ID	ALMÁZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
	12h. 45m.	12h. 30m.	12h. 15m.						12h.	12h.	12h.	12h.	12h.
	02 34 20	03 32 15	03 34 10						09 04 15	09 08 05	09 06 15	09 24 05	09 10 05
	06 33 30	06 33 20	06 32 05						15 04 20	15 07 10	15 04 15	15 34 05	15 15 10
	09 34 30	09 34 20	09 33 20						21 06 10	21 06 10	21 03 15	21 16 05	21 12 30
		12 30 20	12 34 25						24 02 05	27 06 10	24 02 20	27 07 05	27 08 35
		15 27 20	15 35 20						27 07 15			33 03 05	33 07 30
		18 26 20	18 33 15						30 12 05				39 07 30
		21 28 15	21 33 15										45 07 30
		24 27 25	24 32 20										51 36 20
			27 31 20										

At 8h. on Monday 28th — الساعة ٨ يوم الاثنين ٢٨

STATION	PRESENT WEATHER WW	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs. PPP	DIFF. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yester day °C	MAXIMUM Diff. from norm. °C	MINIMUM Today °C mm	MINIMUM Diff from norm °C mm	% HUMIDITY UU	RAINFALL Past 24 hrs mms	RAINFALL Total From Oct. 1 mms.	RAINFALL Norm From Oct. 1 mms.
MEDITERRANEAN: SALÛM												—		—				3
MATRÛH	02	9	04	2	1	7	9	19.9	+2.7	20.6	22	-4	19	+2	59	0	13	13
MARIUT	02	7	04	1	2	7	6	19		22	24	—	19	—	60	0	3	5
ALEXANDRIA	02	9	08	3	2	5	4	19.1	+1.7	22.6	24	-2	21	+2	50	0	3	5
DAMIETTA	01	8	32	3	1	4	6			22.8	24	—	21	—	70	0	tr	5
PORT SA'ÎD	01	8	06	4	1	4	6	18.2	+2.4	23.9	28	+2	21	+1	61	0	4	2
EL 'ARÎSH	01	9	14	2	0	3	3	18.2	+2.4	21.9	27	0	20	+4	65	0	0	3
LOWER EGYPT: DAMANHÛR	01	7	04	3	1	5	4	19.0	+2.0	20.0	25	-4	16	0	72	0	2	3
MANSÛRA	01	8	02	2	1	4	0	17.6	+1.2	21.0	27	-2	17	0	73	0	tr	2
ṬANṬA	01	8	32	1	1	3	8	17.4	+0.3	22.4	26	-3	14	-1	69		0	2
ZAGAZIG	01	6	02	2	1	4	8	17.8	+0.9	19.9	29	0	14	-1	81	0	0	1
SHEBÎN EL KÔM	00	8	04	2	1	3	8	18.2	+1.3	19.6		—	14	—	86	0	tr	—
MIDDLE EGYPT: CAIRO ALMAZA	00	7	06	1	0	2	4	17.6	+0.9	19.0	28	—	14	—	59	0	tr	—
CAIRO EZBEKÎYA	09	5	32	1	0	0	—	17.6	+0.9	17.8	28	-1	16	0	80	0	tr	1
CAIRO GÎZA	05	6	32	1	0	0	—	17.1	+0.2	18.8	27	-1	12	-2	74	0	tr	2
HELWÂN	00	6	04	2	0	1	1	17.5	+0.6	20.6	26	-2	16	-1	61	0	0	1
SUEZ	00	9	32	1	0	0	—	18.3	+2.5	19.1	28	-2	15	-3	81	0	tr	1
UPPER EGYPT: FAIYÛM	00	8	32	3	0	2	2	17.1	+0.6	18.9	27	-3	15	-1	72	0	tr	0
MINYA	08	9	32	2	1	0	—	16.3	-0.1	19.6	28	-1	16	0	71	0	tr	—
ASYÛṬ	00	7	28	1	0	0	—	16.3	+0.4	18.5	30	+1	16	0	71	0	0	0
NAG' ḤAMÂDI	00	8	00	0	0	0	—	15.5	+0.5	20.6	30	—	16	—	75	0	0	—
QENA	00	7	28	1	0	0	—	14.6	+0.3	20.2	34	+1	17	0	74	0	0	—
LUXOR	00	7	28	1	0	0	—	15.1	+0.5	26.0	37	+3	16	-1	30	0	0	—
ASWÂN	00	9	32	2	0	0	—	13.8	-0.1	25.0	38	+3	22	+2	43	0	0	—
WESTERN DESERT: SÎWA	00	7	00	0	0	0	—	20.6	+2.4	16.2	27	-3	10	-3	77	0	0	0
BAHARÎYA	00	9	32	1	0	0	—	—	—	24.0	29	0	18	+4	67	0	0	0
KHÂRGA	00	9	32	2	0	0	—	15.8	+0.5	20.0	31	-1	18	+1	78	0	0	—
DAKHLA	00	8	30	1	0	0	—	18.2	+1.9	19.5	32	0	16	0	77	0	0	—
RED SEA: ṬÔR	00	7	28	3	0	0	—	13.4	-1.3	20.3	27	-1	15	-2	53	0	0	0
HURGHÂDA	00	8	30	4	0	0	—			22.6	30	0	20	+2	64	0	0	0
QUSEIR	00	8	32	3	0	0	—	13.2	-0.9	25.0	31	+1	22	0	62	0	0	0
PORT SÛDÂN	96	3	32	2	6	6	4	13		25					94	11	11	4
NORTH SÛDÂN: WÂDI ḤALFA	00	8	02	2	0	0	—	13		24					36	0	0	—
KAREIMA	00	8	00	0	0	0	—	10		28					37	0	0	1
'ATBARA	00	8	04	3	0	0	—	10		29					46	0	tr	1
KHARTÛM	00	8	04	1	1	1	4	9		30					33	0	2	3
KASSALA	01	8	00	0	1	3	4,1	7		31					49	0	1	7
CENTRAL SÛDÂN: WAD MEDANI	00	8	04	2	0	3	8	7		29					43	0	15	9
RENK	00	9	16	3	1	0	—	8		27		—		—	70	—	-	39
ROSEIRES	00	8	20	1	1	3	1	10?		24					84	0	14	26
EL OBEID	00	8	32	2	1	2	1	8		27					35	0	69	14
EL FÂSHER	00	8	32	1	0	0	—	—	—	23					34	0	4	6
GENEINA	00	8	08	2	0	0	—	—	—	22		—		—	36	0	-	4
KADUGLI	00	8	28	2	0	3	4	10		26		—		—	84	0	-	81
S. SÛDÂN: MALAKÂL	00	8	00	0	0	2	4	9		27					84	0	94	72
WÂU	01	8	00	0	1	4	4,2	10		24					84	1	117	116
JUBA	00	8	14	2	0	3	1	11		26					74	0	153	86

UPPER WINDS ON 28th — الرياح العليا يوم ٢٨

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ID	HELWÂN	MINYA	ASYÛṬ	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	8h. 30m.	7h. 45m.	7h. m.	7h. m.	h. m.	7h. 30m.	h. m.	7h. m.	7h. m.
			02 05 10	03 01 35		03 32 10		09 06 15		09 06 55	09 06 30
			05 04 30	06 02 35		06 28 05		15 05 20		15 05 40	15 05 30
			08 05 15	09 02 35		09 26 05		21 05 20		21 04 20	21 08 10
			10 06 50	15 35 15		12 07 05		27 06 25		27 36 15	24 08 15
			15 03 25	21 34 05		15 35 05		33 31 15		33 17 10	27 10 10
				30 34 10		18 32 05		39 28 10			30 13 10

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6h. 45m.	h. m.	7h. m.	7h. 30m.	h. m.	7h. 15m.
09 09 10		09 06 30	09 02 15		09 20 15
15 11 20		15 07 30	15 07 20		15 21 05
21 13 30		21 06 30	21 16 15		21 20 05
27 14 25		27 07 20	24 18 15		27 15 05
33 12 10		39 05 10			30 18 05

UPPER AIR TEMP. ALMÁZA AT 6 GMT ON 23th

HEIGHT FEET	P.P.P m.b.	T.T °F	t.t °F
Surface	1008	61	58
500	990	64	58
1000	972	65	59
1500	954	63	56
2000	937	61	55
4000	871	57	41
6000	808	61	38
8000	749	55	35
10000	693	48	30
12000	641	40	28
14000			
16000			

CYPRUS SYNOPTIC 8h. ON 28th

34850	01874	08214	22140	40210	00080
34700	00990	06500	17171	10333	00130

Remarks

Hours are Egyptian standard time, long 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day: Humidity % on 27th	Humidity Diff from normal	Wet bulb temp °C on 27th	Wet bulb temp Diff from normal
Alexandria	52	-16	16.9	-2.3
Ezbekîya	72	+5	18.4	+0.2
Gîza	70	+1	18.2	+0.1
Helwân	66	+12	17.6	+0.8

GÎZA — GRASS MINIMUM TEMP. ON 28th 9.9 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 28th 22.4 °C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	10	13.32	-0.00	13.36	-0.35
Nâsser		11.81	+0.72	11.31	+0.73
Malakâl		12.84	+0.52	12.34	+0.52
J. Aulia Res.		377.27	-	377.27	-
J. Aulia D.S		378.74	+0.36	378.81	+0.37
Roseires		15.92	+0.87	16.04	+0.91
Sennar Res.		17.20	-	17.20	-
Khartûm		13.68	+0.46	13.78	+0.48
Kh. el Girba		11.47	+0.24		
'Atbara		12.99	+0.62	13.03	+0.55
Kajnarti		138.23	+0.15	138.26	+0.02
Aswân Res.		114.58	-	114.34	-
Aswân D.S		88.60	-0.70	88.70	-0.73
Roda (Cairo)		18.18	-0.17	18.26	-0.14

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	28-10	3465	3466
	27-10	3562	3633

Printed by the Survey of Egypt, 1945 (45/306)

ANNUAL SUBSCRIPTION P.T. 150

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.O.

DAILY WEATHER REPORT

Time of Sunrise 06 h. 06 m. — Sunset 17 h. 11 m. — Month OCTOBER 1946

At 14 h. on MONDAY 28th — الساعة ١٤ يوم ٢٨

STATION	PRESENT WEATHER (WW)	VISIBILITY (V)	WIND Dir. (DD)	WIND Force (F)	PAST WEATHER (W)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESS M.S.L. 1000+ mbs. (PPP)	°C TEMP. (TTT)	% HUMIDITY (UU)	RAIN 8-14 h. mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	02	9				7	9	18.4	22.2	56	0	131
MARIUT	02	7	03	3	2	6	4,2	17	24	54	0	150
ALEXANDRIA	02	9	04	3	2	6	6	16.7	23.4	52	0	132
DAMIETTA	01	8	04	4	1	4	5	16.8	23.1	57	0	159
PORT SA'ÎD	14	8	06	6	3	4	1	16.6	24.0	51	0	134
EL 'ARÎSH	01	9	32	4	0	3	3	15.5	23.9	52	0	135
LOWER EGYPT												
DAMANHÛR	01	7	04	3	1	5	8	17.0	24.5	57	0	136
MANSÛRA	01	8	02	2	1	4	6	16.4	25.8	53	0	137
TANTA	02	8	32	3	2	5	7	15.5	26.2	51	0	138
ZAGAZIG	02	6	32	3	2	6	8	15.4	25.8	51	0	139
SHEBÎN EL KÔM	01	8	04	3	1	3	8	15.3	29.6	55	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	02	8	06	5	1	5	8	14.2	26.3	40	0	141
CAIRO EZBEKÎYA	02	8	02	4	1	8	2	14.7	28.3	45	0	—
CAIRO GÎZA	02	7	04	4	2	8	2	15.0	26.9	42	0	—
HELWÂN	02	8	04	5	2	8	2	14.3	26.8	33	0	143
SUEZ	01	9	32	2	1	4	1	14.4	28.6	44	0	144
UPPER EGYPT												
FAIYÛM	02	8	32	3	2	6	2	13.6	28.0	34	0	153
MINYA	02	8	02	2	2	7	—	13.4	27.4	44	0	154
ASYÛT	00	8	28	1	0	0	—	13.4	26.2	49	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	12.4	28.0	44	0	164
QENA	01	8	24	2	0	3	1	11.6	29.4	45	0	156
LUXOR	00	7	30	2	0	0	—	11.8	34.0	40	0	157
ASWÂN	00	9	30	1	0	0	—	9.0	36.3	18	0	158
WESTERN DESERT												
SÎWA	03	8	00	0	2	8	5	19.0	23.0	59	0	148
BAHARÎYA												149
KHÂRGA	00	9	32	2	0	3	2	13.0	29.3	31	0	151
DAKHLA	00	9	20	1	0	0	—	13.4	30.0	46	0	152
RED SEA												
TÔR	00	7	28	3	0	0	—	12.8	26.3	61	0	145
HURGHÂDA	00	8	02	3	0	0	—	—	29.2	52	0	146
QUSEIR	00	8	30	2	0	0	—	11.4	28.4	63	0	147
PORT SÛDÂN	01	9	04	3	1	3	6	10	31	66		268
NORTH SÛDÂN												
WÂDI HALFA	00	8	32	2	0	0	—	9	35	13		165
KAREIMA	00	8	06	1	0	0	—	7	37	11		166
'ATBARA	00	8	28	3	0	3	8	5	32	29		167
KHARTÛM	01	8	04	3	1	4	9	4	37	24		248
KASSALA	01	8	30	2	1	3	8	4	38	25		170
CENTRAL SÛDÂN												
WAD MEDANI	01	8	00	0	0	3	8	3	38	31		171
RENK	01	9	20	3	1	4	8	3	37	44		182
ROSEIRES	02	7	20	1	1	6	8	5	36	37		172
EL OBEID	01	9	04	2	1	4	8,2	3	36	37		174
EL FÂSHER	00	8	04	2	0	0	—	—	35	12		175
GENEINA	00	8	06	2	0	0	—	—	34	13		179
KADUGLI	00	8	12	3	0	3	4	6	36	29		187
S. SÛDÂN												
MALAKÂL	01	8	00	0	1	4	9	5	35	44		176
WÂU	02	8	00	0	1	6	8,2	3	34	41		177
JUBA	01	8	28	2	1	5	8,1	5	34	41		178

At 20 h. on 28th — الساعة ٢٠ يوم ٢٨ الاثنين

STATION	PRESENT WEATHER (WW)	VISIBILITY (V)	WIND Dir. (DD)	WIND Force (F)	PAST WEATHER (W)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESS M.S.L. 1000+ mbs. (PPP)	°C TEMP. (TTT)	% HUMIDITY (UU)	RAIN 14-20 h. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	02	8	00	0	2	5	8	18.3	22.0	52	0
MARIUT	02	7	06	2	2	6	4,5	17	21	74	0
ALEXANDRIA	02	4	12	2	2	7	6	17.2	20.4	64	0
DAMIETTA	01	7	04	2	1	4	5	16.6	21.0	65	0
PORT SA'ÎD	05	7	06	5	3	3	4	16.7	21.3	65	0
EL 'ARÎSH	00	9	32	4	0	0	—	16.2	22.7	66	0
LOWER EGYPT											
DAMANHÛR	00	7	32	3	1	0	—	17.1	20.2	71	0
MANSÛRA	00	6	04	2	1	0	—	16.8	20.4	69	0
TANTA	00	8	28	1	1	0	—	16.4	19.3	69	0
ZAGAZIG	00	6	32	3	3	0	—	17.2	19.9	66	0
SHEBÎN EL KÔM	00	7	02	1	1	3	6	17.6	24.2	76	0
MIDDLE EGYPT											
CAIRO ALMÂZA	02	7	06	3	2	6	2	16.7	21.1	58	0
CAIRO EZBEKÎYA	01	6	02	5	1	4	5	15.9	21.0	62	0
CAIRO GÎZA	03	8	02	4	2	8	6	15.8	21.1	58	0
HELWÂN	03	7	04	7	2	8	4	14.8	20.8	52	0
SUEZ	00	9	30	1	0	0	—	15.9	21.1	62	0
UPPER EGYPT											
FAIYÛM	02	8	02	4	2	7	2	14.7	22.0	50	0
MINYA	02	8	32	1	2	5	2	14.0	22.8	58	0
ASYÛT	00	6	26	1	0	0	—	13.8	22.2	64	0
NAG' HAMÂDI	00	8	00	0	0	0	—	13.1	22.1	64	0
QENA	00	6	22	3	1	0	—	11.8	25.2	41	0
LUXOR											
ASWÂN	00	9	32	1	0	0	—	11.0	32.8	19	0
WESTERN DESERT											
SÎWA	00	—	00	0	0	0	—	18.2	17.0	70	0
BAHARÎYA	00	—	00	0	0	0	—	15.8	23.5	63	0
KHÂRGA	00	—	32	1	0	3	—	14.3	25.4	40	0
DAKHLA	00	7	20	1	0	0	—	14.6	19.0	79	0
RED SEA											
TÔR	00	7	28	3	0	0	—	12.7	25.5	59	0
HURGHÂDA	00	8	28	4	0	0	—	—	21.9	66	0
QUSEIR	00	8	04	2	0	0	—	12.4	25.2	74	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 28th — الرياح العليا يوم ٢٨

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.
	12 h.45 m.	12 h.30 m.	12 h.45 m.		12 h.45 m.		13 h.15 m.	13 h. m.	14 h. m.	13 h. m.	13 h. m.	13 h. m.	13 h. m.
	03 33 15	03 05 30	03 06 40		03 30 05		09 02 05	09 05 15	09 08 10	09 01 05	09 07 25	09 33 05	09 03 15
	06 05 20	06 06 30	06 06 50		06 30 05		15 09 10	15 05 10	15 04 05	15 05 05	15 07 20	15 19 05	15 04 20
	09 08 20	09 06 30	09 05 10		09 24 15			21 06 05	18 05 15	21 13 02	21 08 10	21 16 10	21 05 20
	15 10 15	15 09 20	15 04 40		15 16 05			27 04 20		27 22 05	27 06 05	27 13 10	27 04 15
	21 09 10	21 08 20	21 05 05		21 16 15			33 03 15		33 25 10	33 08 05	33 12 15	33 08 15
	24 12 10		24 09 10					39 02 20		39 24 05	39 13 05	39 11 15	39 10 30

At 8 h. on TUESDAY 29th — الساعة ٨ يوم ٢٩ الثلاثاء

STATION	PRESENT WEATHER (WW)	VISIBILITY (V)	WIND Dir. (DD)	WIND Force (F)	PAST WEATHER (W)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESSURE M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C (TTT)	MAXIMUM Yesterday °C (MM)	MAXIMUM Diff. from norm. °C	MINIMUM Today °C (mm)	MINIMUM Diff. from norm °C	% HUMIDITY (UU)	RAINFALL Past 24 hrs. mms	RAINFALL Total From Oct. 1 mms	RAINFALL Norm. From Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				3
MATRÛH	00	9	00	0	2	3	8	17.2	0.0	20.2	24	-2	18	+1	62	0	13	14
MARIUT	02	7	04	1	2	6	6	16	—	22	25	—	17	—	61	0	3	5
ALEXANDRIA	02	9	06	3	2	6	8	16.6	-0.8	22.2	26	-1	20	+1	52	0	3	5
DAMIETTA	02	8	32	2	1	5	8,4	14.7	-1.5	23.0	26	—	20	—	59	0	dr.	5
PORT SA'ID	02	8	02	4	2	5	6	15.0	-0.8	23.3	27	0	21	+1	66	0	4	2
EL 'ARÎSH	02	9	00	0	1	6	3	13.6	-2.3	20.1	25	-2	16	0	79	0	0	3
LOWER EGYPT																		
DAMANHÛR	01	7	04	3	0	3	4	16.4	-0.7	19.2	25	-4	17	+1	70	0	2	3
MANSÛRA	01	8	04	1	1	4	8	15.5	-0.9	21.0	28	-1	17	+1	72	0	dr.	2
TANTA	01	8	32	2	1	4	8	15.4	-1.7	21.3	27	-2	15	0	65	0	0	2
ZAGAZIG	01	6	28	2	1	4	8	15.4	-1.5	20.2	26	-3	15	0	98	0	0	1
SHEBÎN EL KÔM	01	8	02	1	2	4	8	15.9	-1.1	21.2		—	15	—	71	0	dr.	—
MIDDLE EGYPT																		
CAIRO ALMAZA	05	6	00	0	2	5	6,4	15.3	-1.5	18.0	27	—	16	—	73	0	dr.	—
CAIRO EZBEKÎYA	05	5	06	1	1	4	4	15.4	-1.4	18.3	29	0	16	0	78	0	dr.	1
CAIRO GÎZA	01	7	32	1	1	4	4	15.5	-1.5	17.8	27	-1	15	+1	81	0	dr.	2
HELWÂN	01	6	28	2	1	4	3	15.0	-2.0	19.0	28	0	17	0	69	0	0	1
SUEZ	01	9	30	1	1	4	5	15.2	-0.7	20.9	29	-1	18	0	73	0	dr.	1
UPPER EGYPT																		
FAIYÛM	01	8	32	3	1	3	6	15.2	-1.3	19.8	28	-2	16	0	67	0	dr.	0
MINYA	00	9	28	2	1	0	—	15.4	-1.0	19.8	28	-1	15	-1	68	0	dr.	—
ASYÛT																	0	0
NAG' HAMÂDI	00	8	00	0	0	0	—	14.4	-0.6	21.1	30	—	16	—	73	0	0	—
QENA	01	7	24	2	1	4	1	13.2	-1.2	20.8	31	-2	18	+2	63	0	0	—
LUXOR	00	7	28	1	0	0	—	14.3	-0.3	27.0	36	+4	15	+1	31	0	0	—
ASWÂN	00	9	30	1	0	0	—	12.8	-1.2	26.2	37	+2	21	+1	40	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	18.6	+0.4	14.8	25	-5	8	-5	72	0	0	0
BAHARÎYA	00	9	00	0	0	0	—	16.2	-1.1	24.0	28	-1	14	0	67	0	0	0
KHÂRGA	00	9	32	2	0	2	1	15.5	+0.1	17.1	30	-2	14	-3	69	0	0	—
DAKHLA	00	8	28	2	0	0	—	15.9	-0.5	19.0	31	-1	15	-1	63	0	0	—
RED SEA																		
TÔR	05	7	04	3	0	0	—	12.0	-2.7	21.5	26	-2	18	+1	56	0	0	0
HURGHÂDA	00	8	30	3	0	0	—	—	—	23.8	29	-1	18	0		0	0	0
QUSEIR	02	8	30	1	2	5	2	12.3	-1.9	25.4	30	+1	22	0	62	0	0	0
PORT SÛDÂN	01	8	32	3	1	5	6	12		28					79	2	13	12
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	1	0	0	—	13		23					27	0	0	—
KAREIMA																0	0	1
'ATBARA	00	8	06	3	0	0	—	10		28					45	0	dr.	1
KHARTÛM	00	8	04	2	0	0	—	9		29					25	0	2	3
KASSALA	01	8	08	1	1	4	4	7		32					38	0	1	8
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	20	3	1	4	8	8		28					45	0	15	10
RENK	00	8	12	3	0	0	—	7		29	—			—	66	—	—	41
ROSEIRES	01	8	16	1	1	4	4	8		24					84	0	14	27
EL OBEID	01	9	30	2	1	5	4	8		29					31	0	69	14
EL FÂSHER	01	8	00	0	1	4	4,2	—	—	22					36	0	4	6
GENEINA	00	8	02	2	0	0	—	—	—	22		—		—	33	—	—	4
KADUGLI												—		—		—	—	81
S. SÛDÂN																		
MALAKÂL	01	8	00	0	1	4	4	8		27					79	1	95	73
WÂU	01	8	00	0	1	5	4,2	8		26					79	0	117	119
JUBA	00	8	14	3	0	1	4,1	10		25					84	0	153	89

UPPER WINDS ON 29th — الرياح العليا يوم ٢٩

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI HALFA h. m.	ABU HAMAD h. m.	KAREIMA h. m.	KHARTÛM h. m.
	7 h.15 m.	6 h.45 m.	8 h.45 m.	7 h. m.	h. m.	h. m.	h. m.	7 h.15 m.	7 h.15 m.	h. m.	6 h.30 m.
	03 02 20	03 02 15	02 33 10	03 26 25				09 03 40	09 07 30		09 05 50
	06 03 20	06 03 15	05 04 25	06 35 30				15 06 20	15 02 15		15 05 40
	09 03 20	09 04 20	10 05 05	09 32 15				21 04 15	21 01 10		21 02 20
	15 03 25	15 11 15	15 19 15	15 25 15				27 35 05	27 35 10		24 02 15
		21 20 20	20 22 25	21 22 15				33 30 40	33 32 15		
			25 21 35	24 24 15					39 31 15		
			30 21 25	30 23 15							
			40 23 20	33 22 05							
			50 22 15								

KASSALA h. m.	PORT SÛDÂN h. m.	EL OBEID h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL h. m.
6 h.45 m.	7 h. m.	7 h.30 m.	7 h.15 m.	7 h. m.	6 h.45 m.
09 10 25	09 08 15	09 04 30		09 05 30	09 23 30
15 07 30	15 12 20	15 02 30	15 04 40	15 06 55	15 26 05
21 05 20	21 07 25	21 02 25	21 06 30	21 07 50	21 05 05
27 02 30	27 07 20	27 09 25	27 04 15	27 10 35	27 07 15
33 05 20	30 10 25	33 10 25	33 02 15	33 11 30	33 06 25
39 03 20				39 18 05	39 06 30

UPPER AIR TEMP. ALMÂZA AT 6 h. G.M.T. ON 29th

HEIGHT FEET	P.P.P m.b.	T.T °F	t.t °F
Surface	1006	61	58
500	989	65	61
1000	970	64	59
1500	952	62	58
2000	935	60	57
4000	869	59	47
6000	806	57	39
8000	747	51	34
10000	692	43	29
12000	640	34	26
14000	591	25	21
16000			

CYPRUS SYNOPTIC 8 h. ON 29th.

34700 02990 30215 17150 25204 00110
34807 02992 20225 19150 64301 00110

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day: HUMIDITY % on 28th	Diff from normal	WET BULB TEMP °C on 28th	Diff from normal
Alexandria	55	-13	16.7	-2.5
Ezbekîya	65	-2	17.6	-0.5
Giza	60	-9	17.0	-1.0
Helwân	50	-4	16.2	-0.5
GÎZA	GRASS MINIMUM TEMP. ON 29th 12.9° C			
CAIRO	WATER TEMP. RIVER NILE ON 29th 22.0° C			

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	29th			13.32	-0.40
Nasser				11.31	+0.72
Malakâl		12.84	+0.52	12.84	+0.52
J. Aulia Res.		377.29	—	377.27	—
J. Aulia D.S		373.67	+0.34	373.74	+0.36
Roseires		15.82	+0.84	15.92	+0.87
Sennar Res.				17.30	—
Khartûm		13.58	+0.42	13.68	+0.46
Kh. el Girba				11.47	+0.24
'Atbara		12.92	+0.58	12.99	+0.62
Kajnarti		138.33	+0.33	138.28	+0.15
Aswân Res.		114.90	—	114.58	—
Aswân D.S		88.50	-0.68	88.60	-0.70
Roda (Cairo)		17.94	-0.36	18.18	-0.17

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	29th	3360	3250
	28th	3465	3466

Printed by the Survey of Egypt, 1945 (45/306)

ANNUAL SUBSCRIPTION P.T. 150

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 ... 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 AMOUNT (N)

Clear ... 0
Trace ... 1
1 Tenth ... 2
2, 3 Tenths ... 3
4, 5, 6 Tenths ... 4
7, 8 Tenths ... 5
9 Tenths ... 6
Over 9 Tenths ... 7
Overcast ... 8
Fog or Dust ... 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.

Time of Sunrise H. 6 M. 27
Sunset 17 10

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month October 1946 — شهر أكتوبر ١٩٤٦

1417 F.O.

At 14h. on Tuesday 29th — الساعة ١٤ يوم ٢٩

STATION	PRESENT WEATHER WW	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 8-14 h. mms	STATION NUMBER
MEDITERRANEAN: SALÛM												130
MATRÛH	01	7	32	3	0	4	8	16.0	26.0	59	0	131
MARIUT	01	7	32	3	1	3	6	15	24	47	0	150
ALEXANDRIA	01	9	02	2	2	4	8	15.4	24.8	56	0	132
DAMIETTA	01	8	28	3	1	4	8	13.6	22.9	60	0	159
PORT SA'ÎD	01	8	30	3	1	4	8	13.5	26.1	56	0	134
EL 'ARÎSH	00	9	28	2	0	3	3	12.3	25.5	56	0	135
LOWER EGYPT: DAMANHÛR	01	7	04	3	1	3	8	15.2	23.2	58	0	136
MANSÛRA	01	8	02	2	1	4	8	13.8	25.8	51	0	137
TANTA	01	8	32	2	1	4	8	13.6	25.8	49	0	138
ZAGAZIG	01	6	32	2	1	4	8	13.0	26.4	56	0	139
SHEBÎN EL KÔM	00	8	04	3	0	2	3	15.9	30.3	44	0	
MIDDLE EGYPT, CAIRO: ALMÂZA	00	8	01	1	0	2	8	12.9	26.8	48	0	141
EZBEKÎYA	01	8	30	2	1	4	8	13.6	27.0	49	0	
GÎZA	00	8	32	2	0	3	8	13.6	26.9	47	0	
HELWÂN	00	7	28	4	0	1	8	13.0	25.9	42	0	143
SUEZ	00	9	30	1	0	0	—	13.1	27.0	45	0	144
UPPER EGYPT: FAIYÛM	01	8	32	2	1	4	8	12.1	26.5	44	0	153
MINYA	00	9	32	2	0	0	—	12.2	28.2	40	0	154
ASYÛT	00	8	28	1	0	0	—	13.2	27.1	42	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	12.4	29.2	40	0	164
QENA	01	8	22	2	1	4	—	11.2	30.4	34	0	156
LUXOR	00	7	20	2	0	0	—	12.0	34.0	29	0	157
ASWÂN	00	9	22	2	0	0	—	10.2	34.8	15	0	158
WESTERN DESERT: SÎWA	00	8	00	0	0	0	—	16.2	25.8	56	0	148
BAHARÎYA	—											149
KHÂRGA	00	9	02	2	0	0	—	12.2	30.5	28	0	151
DAKHLA	00	9	20	2	0	0	—		28.0	51	0	152
RED SEA: TÔR	00	7	28	3	0	0	—	11.5	26.9	60	0	145
HURGHÂDA	00	8	02	2	0	0	—	—	28.2	54	0	146
QUSEIR	01	8	04	1	2	3	2	10.8	30.2	66	0	147
PORT SÛDÂN	00	8	04	3	1	3	8	9	32	63		[illegible]
NORTH SÛDÂN: WÂDI HALFA	00	8	04	3	0	0	—	9	34	10		165
KAREIMA	00	8	32	1	0	0	—	7	37	20		166
'ATBARA	00	8	30	3	0	0	—	5	37	16		167
KHARTÛM	01	8	04	3	1	2	8,4	5	38	19		[illegible]
KASSALA	02	8	04	1	1	5	8,4	3	38	25		170
CENTRAL SÛDÂN: WAD MEDANI	01	8	04	4	1	5	8	3	38	18		171
RENK												182
ROSEIRES												172
EL OBEID	00	9	04	3	0	2	4	4	36	15		174
EL FÂSHER	01	8	02	2	1	5	—	—	35	09		175
GENEINA	01	8	06	2	1	3	1	—	34	16		179
KADUGLI	02	8	04	3	1	5	9	5	34	36		187
S. SÛDÂN: MALAKÂL	01	8	00	0	1	4	8,4	4	30	63		176
WÂU	11	8	30	1	1	4	9	4	31	38		177
JUBA	01	8	28	1	1	4	8,4	6	34	41		178

At 20h. on 29th — الساعة ٢٠ يوم ٢٩

STATION	PRESENT WEATHER WW	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 14-20 h. mms
MEDITERRANEAN: SALÛM											
MATRÛH	00	8	00	0	1	0	—	17.1	21.6	61	0
MARIUT	00	7	32	1	1	3	6	16	21	61	0
ALEXANDRIA	01	5	32	2	2	3	4	15.0	21.0	61	0
DAMIETTA	01	7	28	2	1	5	9	14.7	21.9	67	0
PORT SA'ÎD	01	8	28	3	1	4	8	15.0	22.3	65	0
EL 'ARÎSH											
LOWER EGYPT: DAMANHÛR	00	7	32	3	1	0	—	16.7	18.2	76	0
MANSÛRA	00	6	02	1	1	0	—	16.2	20.8	73	0
TANTA	00	8	28	1	1	0	—	15.8	18.6	77	0
ZAGAZIG	00	6	32	2	0	0	—	15.4	19.6	78	0
SHEBÎN EL KÔM	00	7	30	2	0	0	—	16.0	20.4	63	0
MIDDLE EGYPT, CAIRO: ALMÂZA	00	7	31	2	0	0	—	15.8	21.0	59	0
EZBEKÎYA	00	6	30	4	0	0	—	16.2	20.5	70	0
GÎZA	00	8	32	2	0	0	—	16.2	19.9	67	0
HELWÂN	00	6	30	4	0	0	—	15.6	20.7	60	0
SUEZ	00	9	30	2	0	0	—		21.8	72	
UPPER EGYPT: FAIYÛM	00	8	32	1	0	0	—	15.6	20.8	58	0
MINYA	00	8	30	1	0	0	—	14.3	21.3	70	0
ASYÛT	00	6	32	1	0	0	—	15.1	20.2	71	0
NAG' HAMÂDI	00	8	00	0	0	0	—	14.2	20.4	64	0
QENA	00	6	24	2	1	0	—	13.1	22.6	54	0
LUXOR	00	6	28	2	0	0	—	13.8	23.0	38	0
ASWÂN											
WESTERN DESERT: SÎWA	00	—	00	0	0	0	—	17.5	18.3	60	0
BAHARÎYA	00	9	00	0	0	0	—	15.6	24.0	60	0
KHÂRGA	00	9	32	1	0	0	—	15.0	24.3	43	0
DAKHLA	00	7	28	1	0	0	—	15.8	18.5	67	0
RED SEA: TÔR	00	7	28	3	0	0	—	12.3	27.9	42	0
HURGHÂDA	00	8	28	1	0	0	—	—	23.1	67	0
QUSEIR	00	8	04	1	1	0	—	10.6	25.4	89	0
PORT SÛDÂN											
NORTH SÛDÂN: WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN: WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN: MALAKÂL											
WÂU											
JUBA											

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 29th — الرياح العليا يوم ٢٩

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.
							09 01 30	09 03 05		09 05 15	09 06 05	09 30 05	09 36 10
							15 25 15	15 01 15		15 09 15	15 00 15	15 25 05	15 02 05
							21 20 10	21 36 20		21 09 10	21 08 15	21 36 05	21 07 15
							27 27 10	27 01 15		27 08 05	27 09 10	27 05 05	24 09 15
							33 27 20	33 02 15			33 11 15	33 36 05	
							39 27 30	39 06 20					

At 8h. on Wednesday 30th — الساعة ٨ يوم ٣٠ الأربعاء

STATION	PRESENT WEATHER WW	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm. °C	Minimum Today °C mm	Minimum Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs. mms.	Total From Oct. 1 mms.	Norm. From Oct. 1 mms.
MEDITERRANEAN: SALÛM											—		—					3
MATRÛH	00	9	20	3	0	0	—	17.4	+0.2	18.2	24	-2	15	-2	82	0	13	14
MARIUT	00	7	00	0	0	0	—	16	—	24	24	—	12	—	80	0	3	5
ALEXANDRIA	01	9	00	0	2	3	8	18.0	+0.5	23.6	27	+2	21	+2	86	0	3	5
DAMIETTA	00	8	28	2	1	0	—	16.4	+0.2	22.0	25	—	19	—	60	0	tr	5
PORT SA'ÎD	00	8	30	2	0	3	3	16.6	+0.7	23.7	28	+1	21	+2	62	0	4	2
EL 'ARÎSH																	0	3
LOWER EGYPT: DAMANHÛR	00	7	24	3	0	0	—	17.6	+0.8	17.8	25	-4	14	-2	78	0	2	3
MANSÛRA	00	8	02	1	0	0	—	17.1	+0.6	20.5	28	-1	16	0	67	0	tr	2
TANTA	00	8	00	0	0	0	—	16.8	-0.2	19.2	26	-3	12	-3	70	0	0	2
ZAGAZIG	00	6	28	2	0	0	—	16.8	-0.2	20.2	29	0	14	-1	70	0	0	1
SHEBÎN EL KÔM	00	8	02	1	0	0	—	17.6	+0.6	17.3	31	—	14	—	75	0	tr	—
MIDDLE EGYPT, CAIRO: ALMAZA	00	7	00	0	0	0	—	17.0	+0.2	19.6	27	—	14	—	52	0	tr	—
EZBEKÎYA	05	5	00	0	0	0	—	17.2	+0.4	18.0	28	-1	15	-1	72	0	tr	1
GÎZA	05	5	30	1	0	0	—	17.5	+0.5	19.1	27	-1	12	-2	74	0	tr	2
HELWÂN	00	7	02	1	0	0	—	17.2	+0.2	19.3	27	-1	15	-2	59	0	0	1
SUEZ	00	9	00	0	0	0	—	17.5	+1.5	19.0	29	0	15	-3	79	0	tr	1
UPPER EGYPT: FAIYÛM	00	8	32	2	0	0	—	17.1	+0.5	18.0	27	-3	14	-2	66	0	tr	0
MINYA	00	9	32	3	0	0	—	16.4	-0.1	19.7	28	0	14	-2	64	0	tr	—
ASYÛT	00	7	22	1	0	0	—	16.3	+0.3	18.8	28	-1	15	-1	69	0	0	0
NAG' HAMÂDI	00	8	00	0	0	0	—	15.9	+0.8	21.0	30	—	14	—	67	0	0	—
QENA	00	7	32	2	0	0	—	15.2	+0.7	19.2	32	-1	15	-1	74	0	0	—
LUXOR	00	7	28	2	0	0	—	15.4	+0.7	25.0	36	+2	17	+1	40	0	0	—
ASWÂN	00	9	32	2	0	0	—	14.6	+0.6	23.0	35	0	19	0	39	0	0	—
WESTERN DESERT: SÎWA	00	7	00	0	0	0	—	18.4	+1.9	15.0	27	-5	8	-7	68	0	0	0
BAHARÎYA	00	9	00	0	0	0	—	17.8	+0.4	19.0	29	0	14	0	63	0	0	0
KHÂRGA	00	9	00	0	0	0	—	16.3	+0.8	20.0	31	-1	15	-1	69	0	0	—
DAKHLA	00	8	20	1	0	0	—	17.5	+1.0	19.0	29	-3	14	-1	67	0	0	—
RED SEA: TÔR	00	7	24	2	0	0	—	13.9	-0.9	21.8	27	-1	17	0	80	0	0	0
HURGHÂDA	00	8	30	2	0	0	—	—	—	22.7	29	-1	19	+1	54	0	0	0
QUSEIR	00	8	28	1	0	0	—	12.3	-2.0	26.2	31	+2	21	-1	66	0	0	0
PORT SÛDÂN	01	9	00	0	1	4	6	11		29					49	0	13	12
NORTH SÛDÂN: WÂDI HALFA	00	8	28	1	0	0	—	14		22					28	0	0	—
KAREIMA	00	8	04	3	0	0	—	12		28					19	0	0	1
'ATBARA	05	6	32	3	0	0	—	10		27					40	0	tr	1
KHARTÛM	00	8	04	4	0	1	4	9		31					21	0	2	3
KASSALA	00	7	00	0	0	0	—	7		30					49	0	1	2
CENTRAL SÛDÂN: WAD MEDANI	02	8	08	4	1	6	8	8		29					35	0	15	10
RENK	01	9	16	3	1	4	—	7		28	—		—		70	—	—	42
ROSEIRES	01	9	20	1	0	5	5			24					74	0	14	28
EL OBEID	00	9	32	2	0	0	—	10		27					23	0	69	15
EL FÂSHER	00	9	22	2	0	3	2	—	—	22					36	0	4	6
GENEINA								—	—		—		—			—	—	4
KADUGLI	02	8	28	2	1	5	4	11		24	—		—		74	—	—	82
S. SÛDÂN: MALAKÂL	02	8	30	1	1	7	4,5	9		29					84	6	101	74
WÂU	02	7	34	2	1	6	8,4	9		24					79	19	136	122
JUBA	02	8	28	1	0	7	2	10		26					79	0	153	92

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 30th — الرياح العليا يوم ٣٠

MATRÛH h. m.	MARIUT 6h. 05m.	PORT SA'ÎD h. m.	HELWÂN 9h. 05m.	MINYA 6h. 05m.	ASYÛT 7h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI HALFA 7h. 15m.	ABU HAMAD 7h. 15m.	KAREIMA 7h. m.	KHARTÛM 7h. m.
	02 02 05		02 02 15	02 06 25	02 32 10			09 03 40	09 01 25	09 03 20	09 04 15
	06 01 05		05 02 25	06 01 20	05 36 30			15 26 30	15 03 15	15 03 45	15 04 35
	09 01 05		08 00 20	09 36 20	10 34 30			21 34 05	21 01 10	21 03 25	21 01 20
	18 35 10		10 05 20	15 36 30	15 32 05			27 39 10	27 32 05	27 01 20	24 15 15
	27 33 25		12 05 20	21 34 20				33 27 15	33 07 10	33 34 20	30 22 10
	30 34 20			27 25 20				39 33 30	39 27 15	39 08 20	33 34 10
	39 30 15			30 35 15							
	45 27 40			39 32 20							
	54 30 35			48 31 —							

KASSALA 7h. 15m.	PORT SÛDÂN 7h. m.	EL OBEID 7h. m.	EL FÂSHER 7h. m.	GENEINA h. m.	MALAKAL 7h. m.
09 07 15	09 11 15	09 38 10	09 31 15		09 33 15
15 04 30		15 33 30	15 07 50		15 05 05
21 01 20		21 00 40	21 10 20		21 01 10
27 36 10		27 06 30	24 09 20		27 35 10
33 06 05		33 07 15			33 04 30
39 33 15		36 06 10			39 05 30

CYPRUS SYNOPTIC 8h. ON 30th

34700 00990 00000 16160 60208 00140.

UPPER AIR TEMP. ALMÂZA AT 06h G.M.T. ON 30th

HEIGHT FEET	P.P.P m.b.	T.T °F	T.T °F
Surface	1007	59	56
500	989	65	57
1000	971	64	56
1500	953	62	54
2000	936	58	53
4000	870	61	40
6000	807	56	26
8000	748	50	36
10000	692	42	31
12000	640	33	27
14000	592	26	21
16000	546	15	14

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day Humidity % on 29th	Humidity Diff from normal	Wet Bulb Temp °C on 29th	Wet Bulb Temp Diff from normal
Alexandria	49	-19	16.1	-3.0
Ezbekiya	68	+1	17.7	-0.2
Giza	68	-1	17.2	-0.7
Helwân	58	+4	16.6	+0.1

GÎZA — GRASS MINIMUM TEMP. ON 30th 9.1 °C

CAIRO — WATER TEMP. RIVER NILE ON 30th AT 9h. 22.0 °C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser				11.31	+0.72
Malakâl	29th	12.85	+0.53	12.34	+0.58
J. Aulia Res.				377.29	—
J. Aulia D.S				373.67	+0.34
Roseires		15.78	+0.85	15.83	+0.84
Sennar Res.				17.53	
Khartûm				13.58	+0.42
Kh. el Girba					
'Atbara		12.86	+0.88	12.92	+0.58
Kajnarti	30th			138.33	+0.33
Aswân Res.		115.19	—	114.90	—
Aswân D.S		88.40	-0.65	88.50	-0.65
Roda (Cairo)		17.50	-0.61	17.94	-0.36

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	30-10	2260	3057
	29-10	2260	2250

ANNUAL SUBSCRIPTION P.T. 150

Printed by the Survey of Egypt, 1945.(45/306)

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 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 AMOUNT (N)

Clear 0
Trace 1
1 Tenth 2
2, 3 Tenths 3
4, 5, 6 Tenths 4
7, 8 Tenths 5
9 Tenths 6
Over 9 Tenths 7
Overcast 8
Fog or Dust 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.

Time of Sunrise h. 06 m. 07
Sunset h. 17 m. 09

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month October 1946 — شهر أكتوبر ١٩٤٦

At 14h. on Wednesday 30th (الساعة ١٤ يوم الأربعاء ٣٠) — At 20h. on

Region	Station	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar Press M.S.L. 1000+ mbs. PPP	14h Temp. °C TTT	14h % Humidity UU	Rain 8-14h mms	20h Present Weather ww	20h Visibility V	20h Wind Dir. DD	20h Wind Force F	20h Past Weather W	20h Cloud Amount N	20h Cloud Form C	20h Bar Press M.S.L. 1000+ mbs. PPP	20h Temp. °C TTT	20h % Humidity UU	Rain 14-20h mms	Station Number
Mediterranean	SALÛM																							130
	MATRÛH	00	9	32	1	0	0	—	16.8	24.2	51	0	00	8	00	0	0	0	—	18.3	20.2	66	0	131
	MARIUT	00	8	32	2	0	2	—	17	24	57	0	00	7	00	0	0	2	6	19	18	88	0	150
	ALEXANDRIA	01	9	04	1	2	4	8	17.2	24.0	57	0	01	6	04	1	2	5	8	19.4	20.9	66	0	132
	DAMIETTA	00	8	02	3	0	0	—	15.9	22.8	55	0	00	6	30	1	0	0	—	17.6	20.2	73	0	159
	PORT SA'ÎD	01	8	30	3	1	3	3	16.4	24.7	56	0	01	8	30	1	1	3	2	18.4	20.8	69	0	134
	EL 'ARÎSH	01	9	32	4	0	3	3	15.2	24.7	55	0	01	9	32	3	0	3	3	17.5	22.3	65	0	135
Lower Egypt	DAMANHÛR	00	7	30	4	0	0	—	17.1	24.8	61	0	00	7	32	3	0	0	—	18.7	19.5	79	0	136
	MANSÛRA	00	8	32	2	0	0	—	16.7	25.6	46	0	00	6	32	1	0	0	—	18.6	19.5	75	0	137
	TANTA	00	8	32	3	0	0	—	15.9	25.3	50	0	00	8	28	1	0	0	—	18.2	18.3	80	0	138
	ZAGAZIG	00	6	32	2	0	0	—	15.8	26.2	50	0	00	6	32	2	0	0	—	17.6	19.9	68	0	139
	SHEBÎN EL KÔM	00	8	02	3	0	0	—		28.1	38	0	00	7	30	2	0	0	—	17.3	18.9	75	0	—
Middle Egypt	CAIRO ALMÂZA	00	8	32	2	0	0	—	16	26	37	0	00	7	02	2	0	0	—	18.9	21.0	60	0	141
	CAIRO EZBEKÎYA	00	8	32	2	0	0	—	15.8	26.4	47	0	00	6	02	3	0	0	—	17.9	19.9	69	0	—
	CAIRO GÎZA	00	8	02	3	0	0	—	16.3	25.9	57	0	00	8	32	1	0	0	—	18.0	20.5	63	0	—
	HELWÂN	00	8	32	2	0	0	—	15.5	25.3	37	0	00	7	02	3	0	0	—	17.8	21.0	58	0	143
	SUEZ	00	9	00	0	0	0	—	15.2	27.0	43	0	00	9	00	0	0	0	—				0	144
Upper Egypt	FAIYÛM	00	8	32	3	0	0	—	15.2	25.9	41	0	00	8	32	1	0	0	—	17.2	21.0	57	0	153
	MINYA	00	9	30	3	0	0	—	14.7	26.6	41	0	00	8	28	1	0	0	—	16.6	21.6	57	0	154
	ASYÛT	00	8	21	1	0	0	—	14.4	25.1	61	0	00	8	22	1	0	0	—	16.0	21.4	62	0	155
	NAG' HAMÂDI	00	8	24	1	0	0	—	13.7	26.7	51	0	00	8	00	0	0	0	—	15.0	22.0	61	0	164
	QENA	00	8	22	2	0	0	—	12.6	27.6	48	0	00	6	22	2	0	0	—	13.6	21.6	66	0	156
	LUXOR	00	7	22	2	0	0	—	13.5	31.0	32	0	00	6	28	1	0	0	—	14.3	21.0	45	0	157
	ASWÂN	00	7	30	3	0	0	—	11.9	31.3	20	0	00	9	00	0	0	0	—	14.2	27.0	20	0	158
Western Desert	SÎWA	00	8	00	0	0	0	—	17.8	28.7	48	0	00		00	0	0	0	—	18.2	17.4	70	0	148
	BAHARÎYA	00	7	00	0	0	0	—	15.7	26.0	55	0	00		00	0	0	0	—	16.4	20.0	64	0	149
	KHÂRGA	00	7	32	3	0	0	—	15.0	27.4	33	0	00		32	1	0	0	—	15.8	23.6	42	0	151
	DAKHLA	00	7	20	1	0	0	—	14.5	28.0	51	0	00	7	16	1	0	0	—	15.4	18.5	67	0	152
Red Sea	TÔR	00	7	28	5	0	0	—	12.8	25.9	66	0	00	7	28	3	0	0	—	13.4	24.8	73	0	145
	HURGHÂDA	00	8	32	4	0	0	—		27.3	47	0	00	8	28	3	0	0	—		22.7	61	0	146
	QUSEIR	00	8	02	2	0	0	—	12.0	27.2	57	0	00	8	32	2	0	0	—	12.3	25.4	67	0	147
	PORT SÛDÂN	00	8	06	3	0	3	6	9	32	63	0												169
North Sûdân	WÂDI HALFA	00	8	04	4	0	0	—	11	33	12													165
	KAREIMA	00	8	04	1	0	0	—	7	37	27													166
	'ATBARA	00	7	32	4	0	2	8	5	37	20													167
	KHARTÛM	06	8	04	3	0	2	8	5	37	20													168
	KASSALA	00	8	30	2	0	2	8	3	38	25													170
Central Sûdân	WAD MEDANI	01	8	32	4	1	5	8	3	38	18													171
	RENK																							182
	ROSEIRES	01	8	76	7	0	3	8	5²	37	27													172
	EL OBEID	00	7	02	4	0	0	—	4	36	15													174
	EL FÂSHER	00	7	32	2	1	3	8	—	36	17													175
	GENEINA	00	8	04	3	0	0	—	—	34	15													179
	KADUGLI	01	8	04	4	1	4	7	6	36	27													187
S. Sûdân	MALAKÂL	01	8	00	0	1	3	8,4	5	33	44													176
	WÂU	02	8	30	2	1	6	8,4	5	32	43													177
	JUBA	02	8	28	2	1	8	8,1	5	34	41													178

UPPER WINDS ON 30th (الرياح العليا يوم ٣٠)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT 13h. m.	PORT SA'ÎD 13h. 30m.	ALMÂZA h. m.	MINYA 12h. 30m.	LUXOR 13h. m.	HURGHÂDA h. m.	WÂDI HALFA 13h. 15m.	KAREIMA 13h. m.	KHARTÛM 13h. m.	KASSALA 12h. 45m.	EL OBEID 13h. m.	MALAKAL 13h. m.	JUBA 13h. m.
	03 01 15	03 35 15		06 35 30	03 32 05		09 02 30	09 35 10	09 02 20	09 02 10	09 36 20	09 13 05	09 05 15
	06 00 00	06 34 15		09 35 35	06 27 20		15 35 02	15 36 15	15 03 25	15 03 20	15 05 30	15 05 05	15 05 15
	09 01 20	09 28 10		12 36 20	09 27 20		21 27 05	21 35 20	21 36 15	21 01 15	21 04 30	21 03 05	21 07 20
	12 04 15	15 36 15		15 01 30	12 28 20		27 25 05	27 35 20	24 35 15		27 06 15	27 03 10	27 09 15
		18 31 15		21 35 20	15 28 15		33 25 05	33 36 20	27 28 05		33 04 10		33 09 25
		30 20 05		30 03 05	21 27 15		39 27 15	39 04 15	30 29 15		39 36 05		39 07 25
		39 26 20			27 36 15				39 24 20				45 08 30
		45 27 25			30 35 15								51 08 35
					36 34 20								57 09 35

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Mean of day

Station	Humidity % on 30th	Diff from normal	Wet bulb temp °C on 30th	Diff from normal
Alexandria	59	-9	17.8	-1.2
Ezbekiya	64	-3	16.9	-1.0
Gîza	62	-7	17.6	-0.2
Helwân	52	-2	15.9	-0.5

GÎZA — Grass minimum temp. on 31st 9.4 °C

CAIRO — Water temp. River Nile at 8h. on 31st 22.0 °C

Discharges at Aswân measured by sluices m³ per sec. DATE	1946	1945
31-10	3241	2839
30-10	3250	3057

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	31st				
Nâsser				11.31	+0.72
Malakâl		12.85	+0.53	12.85	+0.53
J. Aulia Res.				377.16	
J. Aulia D.S				373.62	+0.34
Roseires		15.70	+0.83	15.78	+0.85
Sennar Res.				17.59	
Khartûm				13.44	+0.36
Kh. el Girba				11.43	+0.28
'Atbara		12.76	+0.52	12.86	+0.58
Kajnarti		138.31	+0.53	138.39	+0.43
Aswân Res.		115.54		115.19	
Aswân D.S		88.38	-0.56	88.40	-0.65
Roda (Cairo)		17.77	-0.39	17.80	-0.41

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on Thursday 31st (الساعة ٨ يوم الخميس ٣١)

Region	Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max Yesterday °C	Max Diff. from norm. °C	Min Today °C	Min Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Norm. from Oct 1 mms.
Mediterranean	SALÛM												—		—				3
	MATRÛH	00	9	16	3	0	0	—	19.8	+2.5	19.6	27	+2	16	-1	68	0	13	15
	MARIUT	00	7	08	1	0	0	—	20		22	25	—	14	—	74		3	6
	ALEXANDRIA	00	9	12	2	0	0	—	20.3	+2.8	22.8	26	-1	20	+1	65	0	3	5
	DAMIETTA	00	8	02	2	0	0	—	19.6	+3.4	22.8	24	—	18	—	67	0	tr	5
	PORT SA'ÎD	00	8	02	2	0	0	—	19.8	+3.8	23.9	27	0	20	+1	60	0	4	2
	EL 'ARÎSH	01	9	00	0	0	4	3	19.2	+3.2	19.9	26	-1	14	-1	72	0	0	3
Lower Egypt	DAMANHÛR	00	7	08	3	0	0	—	20.2	+3.0	19.0	26	-3	15	-1	86	0	1	3
	MANSÛRA	01	8	04	1	1	3	0	20.3	+3.8	23.0	27	-2	14	-2	70	0	tr	2
	TANTA	00	8	00	0	0	3	1	19.1	+1.9	19.6	26	-3	12	-2	79	0	0	2
	ZAGAZIG	00	6	32	2	0	0	—	20.2	+3.2	19.1	29	0	14	-1	80	0	0	1
	SHEBÎN EL KÔM	00	8	02	1	0	0	—	20.4	+3.3	17.9	29	—	13	—	87	0	tr	—
Middle Egypt	CAIRO ALMAZA	00	7	04	1	0	0	—	19.5	+2.6	18.5	27	—	15	—	72	0	tr	—
	CAIRO EZBEKÎYA	08	4	02	1	0	0	—	19.4	+2.5	17.4	28	-1	14	-2	79	0	tr	1
	CAIRO GÎZA	09	5	32	1	0	0	—	19.8	+2.8	17.5	27	-1	12	-2	85	0	tr	2
	HELWÂN	00	6	02	3	0	0	—	19.4	+2.3	19.4	26	-2	16	-1	70	0	0	1
	SUEZ	00	9	06	0	0	0	—	18.2	+2.2	16.5							tr	1
Upper Egypt	FAIYÛM	00	8	32	3	0	0	—	18.8	+2.2	19.5	26	-4	15	0	72	0	tr	0
	MINYA	00	9	32	2	0	0	—	16.6	0.0	19.4	27	-1	15	-1	73	0	tr	—
	ASYÛT	00	7	22	1	0	0	—	17.4	+1.3	19.1	26	-3	14	-2	69	0	0	0
	NAG' HAMÂDI	00	8	00	0	0	0	—	16.7	+1.5	20.8	27	—	17	—	57	0	0	—
	QENA	00	7	24	2	0	0	—	16.3	+1.7	18.0	30	-3	14	-2	77	0	0	—
	LUXOR	00	7	28	1	0	0	—	15.3	+0.5	23.0	32	-2	14	-2	48	0	0	—
	ASWÂN	00	9	32	2	0	0	—	15.6	+1.5	21.0	32	-2	17	-2	57	0	0	—
Western Desert	SÎWA	00	7	00	0	0	0	—	19.8	+1.5	17.1	27	-1	9	-4	66	0	0	0
	BAHARÎYA	00	7	00	0	0	0	—	18.8	+1.3	21.2	27	-2	15	+1	64	0	0	0
	KHÂRGA	00	9	04	1	0	0	—	16.7	+1.1	16.9	28	-4	13	-3	78	0	0	—
	DÂKHLA	00	8	28	1	0	0	—	18.8	+2.2	18.5	29	-2	13	-2	67	0	0	—
Red Sea	TÔR	00	7	04	2	0	0	—	14.7	-0.2	19.8	27	-1	16	-1	58	0	0	0
	HURGHÂDA	00	8	28	3	0	0	—			22.8	28	-1	17	-1	55	0	0	0
	QUSEIR	00	8	30	3	0	0	—	14.3	0.0	23.6	30	+1	22	0	64	0	0	0
	PORT SÛDÂN	01	9	30	3	6	4	6	12		30					70	12	13	12
North Sûdân	WÂDI HALFA	01	8	32	1	1	5	1	15		19					43	0	0	—
	KAREIMA																0	0	1
	'ATBARA	03	8	02	3	0	2	4	10		27					40	0	tr	1
	KHARTÛM																0	2	3
	KASSALA	00	8	08	2	0	0	—	7		32					49	0	1	8
Central Sûdân	WAD MEDANI	00	9	04	4	0	0	—	8		28					40	0	15	10
	RENK	00	9	12	3	0	0	—			29		—		—	70	—	—	43
	ROSEIRES	00	8	08	1	0	0	—	8		26					23	0	14	29
	EL OBEID	02	8	30	4	1	7	2	9		26					18	0	69	15
	EL FÂSHER	01	9	02	1	0	3	1	—	—	23					27	0	4	6
	GENEINA								—	—			—		—		—	—	4
	KADUGLI	01	8	28	3	1	4	1	9		27		—		—	52	—	—	82
S. Sûdân	MALAKÂL	01	8	00	0	0	3	6,4	9		27					70	0	101	75
	WÂU	02	8	00	0	1	7	4	9		24					89	2	138	125
	JUBA	02	8	10	2	0	5	4	10		25					84	0	153	95

UPPER WINDS ON 31st (الرياح العليا يوم ٣١)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT 7h. 30m.	PORT SA'ÎD 6h. 30m.	HELWÂN 9h. m.	MINYA 6h. 30m.	ASYÛT 7h. m.	LUXOR 7h. 30m.	ASWÂN 7h. m.	WÂDI HALFA 7h. 15m.	ABU HAMAD 7h. 15m.	KAREIMA h. m.	KHARTÛM h. m.
	03 08 20	03 04 15	02 06 15	03 02 30	02 31 10	03 06 05	02 01 10	09 03 20	09 05 40		
	06 07 25	06 03 15	05 05 30	06 02 40	05 03 15	06 06 15	05 05 20	15 09 15	15 06 20		
	09 04 20	09 02 20	10 03 55	09 02 40	10 06 10	09 17 15	10 01 20	21 14 15	21 07 15		
	12 06 10	15 36 20	15 04 30	12 04 40	15 01 25	12 15 20	15 12 20	27 17 15	27 08 15		
	[illegible] Cu	21 24 05	20 05 05	15 03 30	20 04 20	18 15 10	20 12 15	33 33 10	33 05 20		
		27 26 10	30 23 05	21 03 10		21 07 15	25 04 20	39 33 15	39 13 10		
		33 27 15	40 31 25	24 03 15		27 03 15	30 02 15				
		39 38 20	50 29 30	27 03 05		33 36 20					
		45 30 25	63 31 55			39 35 15					

KASSALA h. m.	PORT SÛDÂN h. m.	EL OBEID 7h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL 7h. m.
		09 03 06			09 00 00
		15 04 40			15 03 10
		21 03 15			21 01 20
		27 10 15			27 02 25
		33 11 10			33 04 20
		39 11 10			39 05 20

CYPRUS SYNOPTIC 8h. ON 31st
34700 01990 00003 180 45408 00130
34800 01990 22214 21170 96203 00 40

UPPER AIR TEMP. ALMÂZA AT 6h G.M.T. ON 31st

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	1010	61	59
500	992	65	61
1000	974	63	59
1500	956	61	57.5
2000	939	60	56
4000	872	60.5	46.5
6000	809	54.5	40.5
8000	750	48	32
10000	695	43	29
12000	642	36	24
14000	593	30	22
16000	-	-	-

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

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.

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

ANNUAL SUBSCRIPTION P.T. 150

Time of Sunrise h. m. 06 08
Sunset h. m. 17 09

Month ~~November~~ October 1946

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

شهر نوفمبر ١٩٤٦

At 14h. on Thursday 31-10 — الساعة ١٤ يوم ٣١ ; At 20h. on 31 — الساعة ٢٠ يوم ٣١ الخميس

Region	Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
Mediterranean	SALÛM																							130
	MATRÛH	00	9	08	3	0	0	—	19.0	27.2	37	0	00	8	12	1	0	0	—	21.1	20.6	82	0	131
	MARIUT	00	8	02	2	0	3	4,8	19	26	55	0	00	7	03	1	0	0	—	21	20	83	0	150
	ALEXANDRIA	01	9	06	2	1	3	1	19.6	25.4	60	0	01	6	06	2	2	3	8	20.6	26.6	74	0	132
	DAMIETTA	00	8	02	2	0	0	—	18.6	23.6	55	0	00	7	32	2	1	2	8	20.0	21.2	73	0	159
	PORT SA'ÎD	00	8	02	3	0	1	2	18.0	24.5	60	0	01	8	28	3	0	3	2	19.0	22.2	67	0	134
	EL 'ARÎSH	00	9	06	4	0	0	—	18.2	23.9	63	0	00	9	28	4	0	0	—		22.4	65	0	135
Lower Egypt	DAMANHÛR	00	7	04	3	0	0	—	19.6	26.8	49	0	00	7	32	2	0	0	—	21.2	20.0	77	0	136
	MANSÛRA	01	8	04	2	1	3	8	18.8	27.5	50	0	00	6	02	1	1	0	—	21.1	20.2	80	0	137
	TANTA	00	8	32	2	1	0	—	18.6	27.0	44	0	00	8	32	1	0	0	—	20.2	19.4	83	0	138
	ZAGAZIG	00	6	02	3	0	0	—	18.4	26.8	45	0	00	6	32	2	0	0	—	21.0	19.5	81	0	139
	SHEBÎN EL KÔM	00	8	04	3	0	0	—	19.0	29.4	41	0	00	7	02	2	0	0	—	21.0	20.4	73	0	—
Middle Egypt	CAIRO ALMÂZA	00	8	06	4	0	1	1	17.3	27.2	35	0	00	7	04	3	0	0	—	19.8	22.4	61	0	141
	CAIRO EZBEKÎYA	00	8	02	3	0	2	1	17.8	28.9	42	0	00	7	02	3	0	0	—	19.8	21.5	62	0	—
	CAIRO GÎZA	00	8	06	2	0	1	1	18.3	27.4	36	0	00	8	02	2	0	0	—	20.0	21.7	62	0	—
	HELWÂN	00	8	02	5	0	1	1	17.2	27.4	29	0	00	7	04	6	0	0	—	19.2	21.2	63	0	143
	SUEZ	00	9	26	2	0	0	—	17.8	29.1		0	00	9	32	2	0	0	—		21.9	56	0	144
Upper Egypt	FAIYÛM	00	8	02	3	0	2	1	16.8	28.6	35	0	00	8	32	3	0	0	—	18.7	22.8	51	0	153
	MINYA	00	9	32	3	0	0	—	15.6	29.3	31	0	00	8	30	1	0	0	—	16.2	22.7	52	0	154
	ASYÛT	00	8	22	1	0	0	—	15.4	26.5	53	0	00	6	30	1	0	0	—	16.4	26.1	65	0	155
	NAG' HAMÂDI	00	8	00	0	0	0	—	14.6	29.8	46	0	00	8	00	0	0	0	—	16.0	20.4	66	0	164
	QENA	00	8	24	2	0	0	—	13.8	29.4	44	0	00	6	24	1	0	0	—	15.0	22.0	56	0	156
	LUXOR	00	7	02	2	0	0	—	14.2	33.0	34	0	00	6	28	1	0	0	—	15.6	22.0	39	0	157
	ASWÂN	00	9	32	1	0	0	—	12.2	33.0	23	0	00	9	32	1	0	0	—	13.8	28.0	27	0	158
Western Desert	SÎWA	00	8	00	0	0	0	—	19.5	28.0	51	0	00		00	0	0	0	—	20.4	19.7	66	0	148
	BAHARÎYA												00	—	00	0	0	0	—	17.4	22.0	66	0	149
	KHÂRGA	00	9	32	3	0	0	—	14.8	30.0	24	0	00	9	32	1	0	0	—	15.6	25.4	40	0	151
	DAKHLA	00	9	28	1	0	0	—	14.3	27.0	49	0	00	7	28	2	0	0	—		18.0	71	0	152
Red Sea	TÔR	00	7	28	4	0	0	—	14.7	26.5	65	0	00	7	28	3	0	0	—	14.6	21.1	95	0	145
	HURGHÂDA	00	8	32	3	0	0	—		27.2	54	0	00	8	28	3	0	0	—	—	22.2	61	0	146
	QUSEIR	00	8	00	0	0	0	—	14.3	29.0	59	0	00	8	02	2	0	0	—	13.6	25.2	82	0	147
	PORT SÛDÂN	01	8	04	2	6		4,8	11	31	62													169
North Sûdân	WÂDI HALFA	00	8	02	3	1	3	1	11	32	13													165
	KAREIMA	00	8	32	2	0	0	—	8	36	19													166
	'ATBARA	00	8	30	3	0	2	1	6	36	25													167
	KHARTÛM	00	8	04	3	0	0	—	5	37	13													168
	KASSALA	00	8	06	2	0	1	8	3	39	23													170
Central Sûdân	WAD MEDANI																							171
	RENK	01	9	04	3	1	4	8		38	33													182
	ROSEIRES	00	8	32	1	0	2	8	5	38	25													172
	EL OBEID	02	9	02	4	1	7	2	5	35	12													174
	EL FÂSHER	01	9	00	0	0	3	2,4	—	34	18													175
	GENEINA	00	8	02	2	0	0	—	—	34	16													179
	KADUGLI	01	8	04	4	1	4	1	5	36	12													187
S. Sûdân	MALAKÂL	01	8	00	0	0	5	9	5	33	50													176
	WÂU	02	8	32	1	1	7	2,8	3	32	49													177
	JUBA	25	8	08	1	8	6	1,8	4	32	46													178

At 8h. on Friday 1st — الساعة ٨ يوم الجمعه اول

Region	Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Norm. from Oct. 1 mms.
Mediterranean	SALÛM												—		—				3
	MATRÛH	00	9	00	0	0	0	—	21.8	+4.5	20.2	29	+4	16	−1	84	0	13	15
	MARIUT	00	7	03	1	0	3	6	21		23	26	—	16	—	69	0	3	6
	ALEXANDRIA	01	9	04	3	2	4	4	21.6	+4.0	24.0	25	+1	21	+2	57	0	3	6
	DAMIETTA	01	8	02	3	1	4	8	20.3	+4.0	22.8	25	—	20	—	62	0	dr.	6
	PORT SA'ÎD	01	8	02	2	1	4	6	17.6	+1.6	24.3	26	+1	21	+2	57	0	4	3
	EL 'ARÎSH	00	9	18	1	0	0	—	19.1	+3.0	24.3	26	−1			60	0	0	4
Lower Egypt	DAMANHÛR	00	7	04	3	0	3	1	21.4	+4.2	20.0	27	−1	16	0	83	0	2	4
	MANSÛRA	01	8	32	1	1	4	8	21.2	+4.7	22.5	29	+1	17	+1	70	0	dr.	3
	TANTA	01	8	04	3	1	3	1	20.7	+3.4	20.0	28	−1	12	−2	86	0	0	3
	ZAGAZIG	00	6	32	2	0	0	0	21.0	+4.0	23.0	29	0	14	0	74	0	0	2
	SHEBÎN EL KÔM	00	8	04	2	0	1	1	21.1	+4.0	18.1	30	—	15	—	65	0	dr.	—
Middle Egypt	CAIRO ALMAZA	00	7	02	3	0	0	—	20.0	+3.1	19.8	28	—	16	—	82	0	dr.	—
	CAIRO EZBEKÎYA	05	6	32	2	0	3	1	20.2	+3.3	19.9	29	+1	16	0	79	0	dr.	2
	CAIRO GÎZA	05	5	06	1	0	1	1	20.4	+3.3	20.9	28	0	13	−1	78	0	dr.	3
	HELWÂN	00	6	02	2	0	1	1	20.2	+3.0	21.0	28	0	11	+1	65	0	0	1
	SUEZ	00	9	00	0	0	0	—	20.3	+0.3								dr.	2
Upper Egypt	FAIYÛM	00	8	02	3	0	2	1	19.8	+3.1	19.9	29	−1	16	+1	77	0	dr.	0
	MINYA	00	9	32	3	0	0	—	18.4	+1.8	20.2	30	+2	11	+1	73	0	dr.	—
	ASYÛT	00	7	22	1	0	0	—	18.4	+2.2	19.6	28	−1	14	−2	73	0	0	0
	NAG' HAMÂDI	00	8	00	0	0	0	—	17.8	+2.5	22.0	30	—	12	—	59	0	0	—
	QENA	00	7	22	2	0	0	—	17.1	+2.4	20.4	31	−2	15	−1	71	0	0	—
	LUXOR	00	7	28	1	0	0	—	16.7	+1.8	23.0	42	[illegible]	14	[illegible]	42	0	0	—
	ASWÂN	00	9	32	2	0	0	—	15.8	+1.6	24.0	34	0	17	0	29	0	0	—
Western Desert	SÎWA	00	7	00	0	0	0	—	21.0	+2.7	16.0	30	0	10	−3	73	0	0	0
	BAHARÎYA	00	9	00	0	0	0	—	17.1	−0.4	23.0	28	−1	18	+4	66	0	0	0
	KHÂRGA	00	9	02	2	0	0	—	15.9	+0.3	16.0	31	−1	14	−2	77	0	0	—
	DÂKHLA	00	8	16	1	0	0	—	18.6	+2.0	21.0	30	−1	15	0	57	0	0	—
Red Sea	TÔR	00	7	28	2	0	0	—	15.6	+0.7	22.7	27	−1	15	−2	60	0	0	1
	HURGHÂDA	00	6	30	4	0	0	—	—	—	23.3	29	0	16	−2	56	0	0	0
	QUSEIR	00	8	26	2	0	0	—	14.7	+0.3	23.2	30	+1	21	−1	54	0	0	0
	PORT SÛDÂN	64	5	24	4	6	5	9	13		27					84	9	83	13
North Sûdân	WÂDI HALFA	00	8	32	2	0	0	—	14		33					27	0	0	—
	KAREIMA	00	8	06	3	0	0	—	12		28					29	0	0	1
	'ATBARA	00	8	04	4	0	0	—	10		28					48	0	dr.	2
	KHARTÛM	00	8	04	3	0	0	—	9		28					40	0	2	4
	KASSALA	00	8	00	0	0	0	—	9		31					43	0	1	8
Central Sûdân	WAD MEDANI	00	8	04	4	0	0	—	9		27					45	0	15	11
	RENK												—		—	—	—	—	100
	ROSEIRES	00	8	32	1	0	0	—	10		24					80	0	14	30
	EL OBEID	02	9	30	4	1	6	2	11		25					19	0	69	16
	EL FÂSHER	02	8	00	0	1	6	1	—	—	20					26	0	4	6
	GENEINA								—	—			—		—		0	—	12
	KADUGLI	02	8	28	3	1	6	1	11		24		—		—	24	—	—	83
S. Sûdân	MALAKÂL	03	8	24	1	1	8	4	9		27					79	0	101	76
	WÂU	02	8	00	0	1	6	2	10		25					79	0	138	127
	JUBA	01	8	14	2	1	5	4,8	8		24					79	dr.	153	98

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 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 AMOUNT (N)

Clear 0; Trace 1; 1 Tenth 2; 2, 3 Tenths 3; 4, 5, 6 Tenths 4; 7, 8 Tenths 5; 9 Tenths 6; Over 9 Tenths 7; Overcast 8; Fog or Dust 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

UPPER WINDS ON 31st — الرياح العليا يوم ٣١

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	12h. 45m.	h. m.	h. m.	h. m.	13h. 15m.	13h. m.	13h. m.	12h. 30m.	13h. m.	13h. m.	12h. m.
			03 04 30				09 02 15	09 03 10	09 01 40	09 09 05	09 05 10	09 27 05	09 18 05
			06 04 30				15 14 05	15 01 10	15 01 30	15 04 10	15 03 20	15 02 05	15 15 10
			09 02 25				18 18 10	21 02 10	21 02 25	21 03 10	21 07 10	21 04 10	21 15 15
			15 02 25						24 02 25	27 03 10	27 08 10		27 12 05
			21 12 05						30 03 05	33 36 05	33 09 05		33 12 20
			27 30 05							39 16 05	39 08 05		39 11 30
			30 26 05										

UPPER WINDS ON 1st — الرياح العليا يوم ١

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	[illegible]	[illegible]	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	7h. 30m.	7h. 40m.	7h. m.	h. m.
								07 05 40	09 07 40	07 05 40	
								15 05 24	15 09 20	15 05 30	
								21 09 15	21 09 10	21 06 20	
								27 17 20	27 18 10	27 09 20	
								33 17 10		33 07 20	
								39 05 05		39 12 20	

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
8h. 45m.	h. m.	7h. 30m.	7h. 15m.	h. m.	7h. m.
09 02 25		09 02 50	09 24 10		09 28 [illegible]
15 22 35		15 03 40	15 01 20		15 28 10
21 28 30		21 31 15	21 05 25		21 25 10
27 06 30		27 25 05	27 06 25		27 01 [illegible]
36 03 30		33 21 35	33 05 15		33 02 [illegible]
39 03 10		39 20 10			36 02 4[illegible]

UPPER AIR TEMP. ALMÂZA AT G.M.T ON 1st

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	1010	65	61
500	992	64	57
1000	974	62	57
1500	956	60	56
2000	939	62	45
4000	872	59	38
6000	809	51	34
8000	750	43	30
10000	695	37	24
12000	642	33	24
14000			
16000			

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.

CYPRUS SYNOPTIC 8h. ON 1st

34810 01870 24414 20211 29401 02140

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day Humidity % on 31st	Diff from normal	Wet Bulb Temp °C on 31st	Diff from normal
Alexandria	57	−11	19.1	+0.2
Ezbekiya	64	−3	17.6	−0.3
Giza	68	−1	17.2	−0.5
Helwân	60	+6	16.6	+0.3

GÎZA — GRASS MINIMUM TEMP. ON 1-11-46 10.2 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 1-11-46 21.8 °C

Discharges at Aswân measured by sluices m³ per sec. DATE	1946	1945
31-10	3241	2691
1-11	3241	2839

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	1-11-46			11.31	+0.72
Nâsser				11.31	+0.72
Malakâl		12.85	+0.52	12.85	+0.53
J. Aulia Res.				377.07	
J. Aulia D.S				373.56	+0.33
Roseires		15.63	+0.80	15.70	+0.13
Sennar Res.		17.81		17.72	
Khartûm		13.26	+0.33	13.33	+0.31
Kh. el Girba					
'Atbara		12.66	+0.49	12.76	+0.52
Kajnarti		138.30	+0.60	138.31	+0.53
Aswân Res.		115.80		85.50	
Aswân D.S		88.38	−0.44	88.38	−0.56
Roda (Cairo)		17.68	−0.41	17.77	−0.39

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MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Time of Sunrise h. m. 06 07 — Sunset 17 08

Month November 1946 — شهر نوفمبر ١٩٤٦

At 14h. on 1 — الساعة ١٤ يوم ١ | At 20h. on Friday 1st — الساعة ٢٠ يوم الجمعة ١

STATION	14h Present Weather ww	Visibility V	Wind Dir. dd	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8–14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14–20h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	06	2	0	0	–	21.1	24.6	63	0	00	8	00	0	0	0	–	20.8	20.6	76	0	131
MARIUT	01	8	02	3	1	4	6	20	25	58	–	00	7	02	2	1	3	6	20	21	74	–	150
ALEXANDRIA	01	9	06	2	2	4	8	20.0	24.6	58	0	02	6	04	2	2	5	8	20.6	21.2	73	0	132
DAMIETTA	01	8	02	4	1	4	8	18.8	22.6	60	0	01	8	02	2	1	4	8	19.1	21.3	74	0	159
PORT SA'ÎD	01	8	04	2	1	4	6	18.6	20.5	76	0	02	8	02	2	1	5	8	18.9	22.0	69	0	134
EL 'ARÎSH	01	9	30	5	1	5	3	17.8	20.1	68	0	00	9	28	2	0	0	–	18.3	22.7	69	0	135
LOWER EGYPT																							
DAMANHÛR	01	7	06	3	0	7	1	19.6	25.5	60	0	00	7	32	3	1	0	–	20.3	19.5	90	0	136
MANSÛRA	01	8	04	2	1	4	8	19.4	27.0	55	0	01	6	32	2	1	4	8	19.9	20.0	78	0	137
TANTA	02	8	02	3	1	3	8	18.2	26.6	47	0	01	8	32	1	1	4	8	19.4	19.0	84	0	138
ZAGAZIG	00	6	32	3	0	0	–		26.5	53	0	02	6	32	2	1	5	8	19.4	19.5	81	0	139
SHEBÎN EL KÔM	00	8	08	3	0	0	–	19.2	27.8	44	0	00	7	02	2	0	0	–	20.0	20.2	74	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	10	03	4	0	0	–	17	27	37	0	00	7	05	3	0	0	–	18.8	21.3	69	0	141
CAIRO EZBEKÎYA	00	8	04	5	0	3	3	17.4	27.9	45	0	00	7	02	3	0	0	–	18.8	20.9	69	0	—
CAIRO GÎZA	00	8	02	4	1	3	4	18.8	27.1	41	0	00	8	04	2	0	0	–	19.2	21.5	69	0	—
HELWÂN	00	8	02	5	0	1	1	17.0	27.4	34	0	00	7	02	4	0	0	–	18.6	21.2	65	0	143
SUEZ	00	9	32	2	0	0	–	—	—	68	0	00	9	32	2	0	0	–	18.6	20.9	56	0	144
UPPER EGYPT																							
FAIYÛM	00	8	02	3	0	0	–	16.6	27.8	41	0	00	8	32	3	0	0	–	18.0	20.3	62	0	153
MINYA	00	7	30	3	0	0	–	15.9	27.9	41	0	00	8	32	2	0	0	–	16.9	22.8	62	0	154
ASYÛT	00	8	20	1	0	0	–	15.8	26.9	50	0	00	6	22	1	0	0	–	16.2	25.5	58	0	155
NAG' HAMÂDI	00	8	00	0	0	0	–	14.8	27.2	44	0	00	8	00	0	0	0	–	15.1	24.3	70	0	164
QENA	00	8	24	2	0	0	–	14.2	30.4	35	0	00	6	22	2	0	0	–	14.4	22.8	42	0	156
LUXOR	00	7	30	2	0	0	–	14.0	30.6	32	0	00	6	28	1	0	0	–	13.5	22.0	56	0	157
ASWÂN	00	9	00	0	0	0	–	11.9	34.0	22	0	00	9	32	2	0	0	–	12.6	29.0	29	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	–	20.7	20.8	47	0	00		00	0	0	0	–	19.5	17.8	63	0	148
BAHARÎYA																							149
KHÂRGA	00	9	02	3	0	0	–	15.3	30.5	28	0	00	9	33	1	0	0	–	15.3	23.5	35	0	151
DAKHLA	00	9	32	1	0	0	–	15.1	28.8	46	0	00	9	28	2	0	0	–	16.3	20.0	61	0	152
RED SEA																							
TÔR	00	7	28	4	0	0	–	13.9	26.6	65	0	00	7	28	3	0	0			26.4	65	0	145
HURGHÂDA	00	8	32	3	0	0	–	—	27.6	44	0	00	8	28	3	0	0	–	—	24.6	48	0	146
QUSEIR	00	8	32	2	0	0	–	13.9	27.2	24	0	00	8	02	2	0	0	–	13.5	26.2	22	0	147
PORT SÛDÂN	01	8	04	2	6	3	8	11	29	64	0												169
NORTH SÛDÂN																							
WÂDI HALFA	00	8	02	3	0	0	–	10	34	16													165
KAREIMA	00	8	02	2	0	2	–	8	36	24													166
'ATBARA	00	8	16	2	0	1	8	5	34	36													167
KHARTÛM	00	7	22	3	0	0	–	5	37	18													168
KASSALA	00	7	02	3	0	0	–	3	39	24													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	32	4	0	3	8	3	38	45													171
RENK	01	8	28	3	1	4	–		36	40													182
ROSEIRES	00	8	20	3	0	2	8,1	5?	37	24													172
EL OBEID	01	9	02	3	1	4	1	5	35	13													174
EL FÂSHER	01	9	32	2	1	4	2	—	34	09													175
GENEINA	01	8	32	2	1	3	1	—	33	14													179
KADUGLI	01	8	24	4	1	4	1	6	36	15													187
S. SÛDÂN																							
MALAKÂL	02	8	24	1	1	8	8	5	34	36													176
WÂU	02	8	32	2	1	7	7,8	5	33	38													177
JUBA	01	8	30	1	1	5	8	4	33	47													178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 1st — الرياح العليا يوم ١

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA 18h.	MINYA 12h. 40m.	LUXOR 12h. 20m.	HURGHÂDA	WÂDI HALFA 12h. 45m.	KAREIMA 12h.	KHARTÛM	KASSALA	EL OBEID 10h.	MALAKAL	JUBA 8h.
			03 03 20	03 36 25	03 05 05		09 04 20	09 02 30			09 26 10		09 10 05
			06 03 25	06 35 15	06 04 10		15 03 20	15 02 20			15 26 20		15 12 10
			09 04 30	09 05 05	09 36 15		21 06 10	21 02 05			21 33 20		21 10 10
			12 06 15	12 23 10	12 30 05		27 10 20	27 05 05			27 18 10		27 09 20
			15 05 10	15 09 05	15 24 25			33 04 10			33 16 15		
			18 04 05	18 06 05	18 33 15			39 07 05			39 18 20		
			24 03 05	21 34 05	21 30 30								
				24 35 10	24 05								
				27 02 10	27 16 15								

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day: Humidity % on 1st	Diff from normal	Wet bulb temp °C on 1st	Diff from normal
Alexandria	62	–6	18.7	–0.1
Ezbekiya	67	0	18.4	+0.7
Giza	64	–5	18.7	+1.1
Helwân	60	+5	17.2	+1.0

GÎZA — GRASS MINIMUM TEMP. ON 2nd 10.5 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 2nd 21.8 °C

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	1–11	3241	2510
	2–11	3241	2691

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	2-11-46				
Nâsser					
Malakâl				12.85	+0.52
J. Aulia Res.					
J. Aulia D.S					
Roseires		15.56	+0.38	15.63	+0.80
Sennar Res.				17.41	
Khartûm		13.18	+0.31	13.26	+0.33
Kh. el Girba					
'Atbara		12.58	+0.47	12.68	+0.49
Kajnarti		138.29	+0.75	138.30	+0.60
Aswân Res.		116.12		115.85	
Aswân D.S		88.38	–0.31	88.36	–0.44
Roda (Cairo)		17.53	–0.50	17.68	–0.41

Printed by the Survey of Egypt, 1945. (45/306)

At 8h. on Saturday 2nd — الساعة ٨ يوم السبت ٢

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms.	Total From Oct. 1 mms.	Norm. From Oct 1 mms.
MEDITERRANEAN																		
SALÛM												—		—				3
MATRÛH	00	9	00	0	0	0	–	19.9	+2.6	22.2	26	+1	16	–1	72	0	13	16
MARIUT	01	8	02	2	0	5	6	20		23	26	—	18	—	65	0	3	6
ALEXANDRIA	02	9	02	2	2	5	8	19.8	+2.2	24.2	26	–1	21	+3	59	0	3	7
DAMIETTA	01	8	02	2	1	3	8	18.8	+2.5	22.8	24	—	19	—	60	0	tr	6
PORT SA'ÎD	00	8	04	2	0	0	–	18.6	+2.5	24.0	28	+1	20	+1	64	0	4	3
EL 'ARÎSH	00	9	16	1	0	2	3	18.0	+1.9	21.8	27	0	15	0	76	0	0	4
LOWER EGYPT																		
DAMANHÛR	00	7	04	8	0	0	–	20.8	+3.5	18.2	26	–2	16	+1	93	0	2	4
MANSÛRA	00	8	02	1	0	0	–	19.0	+2.4	21.6	28	0	16	0	75	0	tr	3
TANTA	00	8	32	1	0	0	–	18.7	+1.4	19.6	27	–1	13	–1	85	0	0	3
ZAGAZIG	00	6	32	2	0	0	–	18.7	+1.6	19.9	28	–1	15	+1	80	0	2	2
SHEBÎN EL KÔM	00	8	02	3	0	0	–	19.4	+2.2	18.2	29	—	15	—	89	0	tr	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	06	1	0	0	–	18.5	+1.6	18.9	28	—	18	—	82	0	tr	—
CAIRO EZBEKÎYA	08	4	02	2	4	0	–	18.4	+1.5	19.3	29	+1	15	–1	82	0	tr	2
CAIRO GÎZA	09	5	20	1	0	0	–	18.7	+1.6	18.0	28	+1	14	0	85	0	tr	3
HELWÂN	00	7	02	2	0	0	–	18.4	+1.7	20.6	28	0	18	+2	69	0	0	1
SUEZ	00	9	00	0	0	0	–	19.5	+2.3	21.8	28	–1	16	–1	58	0	tr	2
UPPER EGYPT																		
FAIYÛM	00	8	02	3	0	0	–	18.2	+1.4	19.9	28	–1	17	+2	77	0	tr	0
MINYA	00	9	20	2	0	0	–	18.8	+0.1	20.4	29	+1	17	+2	75	0	tr	—
ASYÛT	00	7	20	1	0	0	–	16.8	+0.5	19.1	28	0	15	0	68	0	0	0
NAG' HAMÂDI	00	8	00	0	0	0	–	16.4	+1.0	20.3	31	—	14	—	70	0	0	—
QENA	00	7	22	2	0	0	–	15.8	+0.8	19.0	34	+1	16	0	75	0	0	—
LUXOR	00	7	08	1	0	0	–	15.6	+0.7	24.0	35	+2	15	–	32	0	0	—
ASWÂN	00	9	32	2	0	0	–	14.4	+0.1	24.3	36	+2	20	+1	31	0	0	
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	–	21.6	+3.2	18.0	29	–1	10	–2	80	0	0	0
BAHARÎYA	00	9	32	1	0	0	–	20.0	+2.4	17.0	31	+2	12	–2	80	0	0	0
KHÂRGA	00	9	08	1	0	0	–	17.1	+1.4	18.2	32	+1	13	–3	75	0	0	—
DÂKHLA	00	8	28	1	0	0	–	17.2	+0.5	19.0	30	–1	14	–1	47	0	0	—
RED SEA																		
TÔR	00	7	00	0	0	0	–	15.0	+0.0	18.9	27	–1	15	–1	66	0	0	1
HURGHÂDA	00	8	30	4	0	0	–	—	—	22.2	28	–1	17	–1	50	0	0	0
QUSEIR	00	8	30	3	0	0	–	14.0	–0.1	25.0	30	+1	22	0	49	0	0	0
PORT SÛDÂN																7	29	14
NORTH SÛDÂN																		
WÂDI HALFA	01	8	28	1	0	3	4	12		18					52	0	0	—
KAREIMA	00	8	06	2	0	0	–	—		—					—	0	0	1
'ATBARA	00	8	32	3	0	0	–	10		28					37	0	tr	2
KHARTÛM	00	7	04	2	0	0	–	9		29					37	0	2	4
KASSALA	00	8	08	3	0	0	–	8		32					38	0	1	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	8	04	2	0	1	1	9		29					43	0	15	11
RENK	00	9	14	2	0	0		7		25		—		—	81	—		44
ROSEIRES	00	8	16	1	0	0	–	10		25					79	0	14	31
EL OBEID	00	8	20	3	0	0	–	—		—					—	0	69	16
EL FÂSHER	41	9	00	0	1	4	2	—	—	·19					25	0	4	6
GENEINA								—	—			—		—				4
KADUGLI	02	8	28	2	1	5	1	12		24		—		—	57	—		33
S. SÛDÂN																		
MALAKÂL	02	8	02	1	1	8	4	10		25					84	0	101	77
WÂU	01	8	08	1	1	4	4	11		29					59	0	138	129
JUBA	02	8	14	4	1	6	1	12		31					59	0	153	101

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 2nd — الرياح العليا يوم ٢

MATRÛH	MARIUT 9h. 45m.	PORT SA'ÎD 6h. 30m.	HELWÂN 9h.	MINYA 7h.	ASYÛT 7h.	LUXOR 6h. 30m.	ASWÂN 7h.	WÂDI HALFA	ABU HAMAD 7h. 45m.	KAREIMA 7h.	KHARTÛM 7h.
	03 03 20	03 04 15	02 04 25	03 02 30	02 34 15	03 02 05	02 02 20		09 28 25	09 37 10	09 08 15
	06 02 25	06 04 05	05 04 10	06 01 15	05 01 10	06 09 10	05 06 30		15 28 30	15 30 20	15 09 20
	09 03 30	09 02 10	08 05 15	09 03 05	10 06 10	09 15 05	10 09 20		21 36 05	21 30 25	
	15 03 25	15 04 10	10 05 50	15 33 05	15 20 10	15 18 15	15 11 25		27 35 20		
	21 03 25	21 04 10	15 05 15	21 03 20	20 13 05	21 18 15	20 12 15		33 23 05		
		30 28 05	20 08 10	30 04 10		30 19 10	25 11 20		39 40 05		
		39 30 20	23 07 15	39 01 10							
		45 29 20	25 06 25								

KASSALA 7h.	PORT SÛDÂN	EL OBEID 7h.	EL FÂSHER	GENEINA	MALAKAL 7h.
09 10 25		09 08 20			09 27 30
15 06 20		15 02 05			15 29 05
21 04 25		21 04 25			21 29 10
27 00 25		27 05 25			27 32 20
33 34 05					33 31 30
39 27 05					

CYPRUS SYNOPTIC 8h. ON 2nd

34800 00990 23900 21280 80301 30120

34700 00990 00000 18180 70304 00120

UPPER AIR TEMP. ALMÂZA AT 06 G.M.T. ON 2nd

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	1009	61	59
500	992	66	62
1000	974	65	60
1500	956	63	58
2000	939	60	56
4000	872	65	44
6000	809	59	40
8000	750	52	35
10000	695	41	31
12000	642	39	27
14000	593	32	25
16000			

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

ANNUAL SUBSCRIPTION P.T. 150

Time of Sunrise h. 06 m. 10
Sunset h. 17 m. 07

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month November 1946 — شهر نوفمبر ١٩٤٦

1417 F.O.

At 14h. on Saturday 2nd (الساعة ١٤ يوم) and at 20h. on (الساعة ٢٠ يوم ٢ السبت)

Station	14h ww	V	DD	F	W	N	C	PPP	TTT	UU	Rain 8-14 mms	20h ww	V	DD	F	W	N	C	PPP	TTT	UU	Rain 14-20 mms	Station Number
Mediterranean																							
SALÛM																							130
MATRÛH	00	9	32	3	0	0	–	18.7	24.8	62	0	00	8	32	2	0	0	–	19.5	22.1	73	0	131
MARIUT	00	8	02	3	0	2	1	17	24	69	0	00	7	32	1	0	0	–	18	20	78	0	150
ALEXANDRIA	01	9	06	2	2	4	8	17.5	24.4	60	0	01	6	04	1	2	3	5,1	18.8	21.3	71	0	132
DAMIETTA	01	8	02	3	1	5	3	16.4	24.1	59	0	00	6	02	1	1	2	3	15.6	21.3	78	0	159
PORT SAÏD	01	8	04	3	1	4	2	16.8	25.8	57	0	00	8	02	2	0	3	2	17.4	22.1	72	0	134
EL 'ARÎSH	00	9	32	3	0	2	3	16.6	24.9	68	0	01	9	00	0	0	4	3	16.4	22.1	88	0	135
Lower Egypt																							
DAMANHÛR	00	7	04	3	0	0	–	17.5	26.0	88	0	00	7	32	3	0	0	–	18.7	20.0	91	0	136
MANSÛRA	01	8	32	1	1	3	0	16.7	27.0	55	0	00	6	32	1	1	0	–	18.2	20.2	83	0	137
TANTA	00	8	04	3	0	0	–	16.0	26.4	52	0	00	8	32	1	0	0	–	17.6	18.6	87	0	138
ZAGAZIG	00	6	32	2	0	0	–	16.3	26.8	52	0	00	6	32	2	0	0	–	18.2	18.9	85	0	139
SHEBÎN EL KÔM	00	8	04	3	0	0	–	16.7	29.2	43	0	00	7	34	2	0	0	–	16.7	20.4	74	0	—
Middle Egypt																							
CAIRO ALMÂZA	00	8	02	2	0	1	1	15.3	27.7	36	0	00	7	04	3	0	0	–	17.1	21.8	61	0	141
CAIRO EZBEKÎYA	00	8	02	3	0	2	1	15.5	28.2	49	0	00	6	02	2	0	0	–	17.6	22.3	69	0	—
CAIRO GÎZA	00	8	32	3	0	0	–	16.2	27.0	40	0	00	8	04	2	0	0	–	17.2	22.8	60	0	—
HELWÂN	00	8	02	4	0	1	1	15.1	27.3	34	0	00	7	02	4	0	0	–	17.1	22.1	56	0	143
SUEZ	00	9	32	2	0	0	–	15.9	27.2	35	0	01	9	30	2	1	4	3				0	144
Upper Egypt																							
FAIYÛM	00	8	32	4	0	0	–	14.7	27.6	42	0	00	8	32	2	0	0	–	16.3	22.8	58	0	153
MINYA	00	9	32	3	0	0	–	13.6	28.7	41	0	00	8	02	2	0	0	–	15.5	22.9	64	0	154
ASYÛT	00	8	32	2	0	0	–	13.6	27.8	49	0	00	6	32	1	0	0	–	15.1	21.1	56	0	155
NAG' HAMÂDI	00	8	00	0	0	0	–	12.7	29.6	42	0	00	8	00	0	0	0	–	13.8	22.0	69	0	164
QENA	00	8	24	2	0	0	–	12.2	31.3	38	0	00	6	24	1	0	0	–	13.2	24.2	54	0	156
LUXOR	00	7	30	2	0	0	–	12.3	34.0	29	0	00	6	28	1	0	0	–	13.8	23.2	43	0	157
ASWÂN	00	9	32	1	0	0	–	11.5	34.0	10	0	00	9	32	1	0	0	–	11.9	29.7	17	0	158
Western Desert																							
SÎWA	00	8	00	0	0	0	–	19.4	28.0	57	0	00		00	0	0	0	–	18.8	18.8	73	0	148
BAHARÎYA	00	9	00	0	0	0	–	16.3	25.0	54	0	00		00	0	0	0	–	18.6	19.0	61	0	149
KHÂRGA	00	9	32	1	0	0	–	13.6	30.0	28	0	00	9	32	1	0	0	–	15.1	24.2	28	0	151
DAKHLA	00	9	28	1	0	0	–	13.8	28.5	47	0	00	7	28	1	0	0	–	17.8	18.5	64	0	152
Red Sea																							
TÔR	00	7	28	3	0	0	–	12.6	26.7	64	0	00	7	28	3	0	0	–	14.0	25.1	74	0	145
HURGHÂDA	00	8	02	3	0	0	–		27.4	55	0	00	8	32	1	0	0	–		23.8	41	0	146
QUSEIR	00	8	04	2	0	0	–	13.1	29.2	52	0	00	8	02	2	0	0	–	12.8	25.0	70	0	147
PORT SÛDÂN	01	8	04	3	1	2	8	10	30	79	0												169
North Sûdân																							
WÂDI HALFA	00	8	22	2	0	0	–	8	35	13													165
KAREIMA	00	8	00	0	0	1	8	7	37	20													166
'ATBARA	01	8	32	2	0	3	8	5	37	24													167
KHARTÛM	01	7	06	2	0	3	8	4	37	24													168
KASSALA	00	8	20	1	0	1	8	2	41	23													170
Central Sûdân																							
WAD MEDANI	—																						171
RENK	01	9	20	3	1	4	8		37	33													182
ROSEIRES	01	8	20	1	0	3	8		37	33													172
EL OBEID	02	9	04	1	1	8	8	4	36	20													174
EL FÂSHER	01	9	00	0	1	5	2	–	33	19													175
GENEINA	01	8	12	3	1	4	1	–	33	16													179
KADUGLI	02	8	04	3	1	6	1	5	36	19													187
S. Sûdân																							
MALAKÂL	02	8	16	2	1	6	4	6	33	44													176
WÂU	02	8	28	2	1	7	8	7	32	46													177
JUBA	02	8	28	2	1	8	8	6	32	52													178

(Present Weather ww, Visibility V, Wind Dir. DD, Force F, Past Weather W, Cloud Amount N, Form C, Bar Press M.S.L. 1000+ mbs. PPP, Temp. °C TTT, % Humidity UU)

Upper Winds on 2nd (الرياح العليا يوم ٢)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh h. m.	Mariut h. m.	Port Saïd 13h. m.	Almâza 12h. 30m.	Minya h. m.	Luxor h. m.	Hurghâda h. m.	Wâdi Halfa 12h. m.	Kareima 12h. m.	Khartûm 12h. 45m.	Kassala 12h. 45m.	El Obeid 13h. m.	Malakal 13h. m.	Juba 13h. 15m.
		03 02 15	03 02 30				09 02 20	09 02 20	09 02 05	09 36 10	09 35 15	09 24 05	09 04 10
		06 03 35	06 02 20				15 08 15	15 01 15	15 03 05	15 36 05	15 01 25	15 28 10	15 14 05
		09 02 20	09 02 30				21 05 10	21 01 15	21 02 05	21 04 15	21 04 30	21 34 10	21 12 05
		12 03 10	12 03 20				27 07 05	27 35 10		27 04 10	27 09 05	27 02 10	27 12 20
		15 35 05	18 06 15				33 09 20	33 34 10		33 35 20	33 27 05		33 10 20
		18 01 10	21 08 15				39 11 25	39 32 10		39 34 20	39 12 15		39 08 25
			27 04 05										
			30 03 15										
			33 32 05										

At 8h. on Sunday 3rd (الساعة ٨ يوم ٣ الأحد)

Station	ww	V	DD	F	W	N	C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms	Total from Oct. 1 mms	Norm. from Oct. 1 mms
Mediterranean																		
SALÛM												—		—				4
MATRÛH	01	9	00	0	0	4		18.8	+1.5	22.2	26	+1	17	0	77	0	13	16
MARIUT	01	7	00	0	0	5	6	18		23	26	—	17	—	75	0	3	7
ALEXANDRIA	01	9	08	1	2	4	4	18.2	+0.5	23.0	27	0	21	+3	66	0	3	8
DAMIETTA	00	8	02	2	1	2	8	16.6	+0.3	22.7	25	—	18	—	73	0	dr	7
PORT SA'ÎD	01	8	02	2	1	4	3	17.1	+1.0	24.0	28	+1	20	+1	69	0	4	3
EL 'ARÎSH	01	9	14	1	0	4	3	16.7	+0.5	18.1	26	0	15	0	81	0	0	4
Lower Egypt																		
DAMANHÛR	01	6	28	2	1	3	8	18.3	+1.0	17.2	27	-1	16	+1	78	0	2	0
MANSÛRA	00	8	32	1	0	0	–	17.5	+0.9	21.5	29	+1	17	+1	78	0	dr	3
TANTA	00	8	00	0	0	0	–	17.1	-0.3	20.0	27	-1	13	-1	85	0	0	3
ZAGAZIG	00	6	16	2	0	0	–	17.5	+0.4	21.6	29	+1	15	+1	79	0	0	2
SHEBÎN EL KÔM	00	8	02	2	0	0	–	18.2	+1.0	17.6	30	—	15	—	93	0	dr	—
Middle Egypt																		
CAIRO ALMAZA	05	6	05	1	0	0	–	16.9	-0.1	18.5	28	—	16	—	81	0	dr	—
CAIRO EZBEKÎYA	08	4	02	2	0	0	–	17.2	+0.2	20.0	29	+1	16	0	78	0	dr	2
CAIRO GÎZA	08	4	28	1	4	0	–	17.2	0.0	14.6	27	0	14	0	96	0	dr	1
HELWÂN	09	6	00	0	0	0	–	17.1	-0.2	18.6	28	+1	16	0	84	0	0	1
SUEZ	20	8	30	1	5	8	8	15.9	-0.3		27	-2	18	+1		dr	dr	2
Upper Egypt																		
FAIYÛM	00	8	32	3	0	0	–	16.7	-0.1	19.0	28	-1	16	+1	87	0	dr	0
MINYA	00	9	32	2	0	0	–	16.3	-0.5	19.0	29	+1	17	+2	82	0	dr	—
ASYÛT	00	7	30	1	0	0	–	16.2	-0.1	23.8	28	0	15	0	44	0	0	0
NAG' HAMÂDI	00	8	00	0	0	0	–	16.2	+0.7	22.8	32	—	15	—	59	0	0	—
QENA	00	7	24	1	0	0	–	15.5	+0.6	21.8	33	+1	16	0	65	0	0	—
LUXOR	00	7	28	1	0	0	–	15.9	+0.9	24.8	36	+5	15	5	42	0	0	—
ASWÂN	00	9	06	2	0	0	–	12.9	-0.5	23.8	36	+2	20	+1	40	0	0	0
Western Desert																		
SÎWA	00	7	00	0	0	0	–	19.5	+1.1	16.3	30	0	10	-2	76	0	0	0
BAHARÎYA	02	9	00	0	2	8		18.2	+0.6	18.0	26	-2	14	0	71	0	0	0
KHÂRGA	00	9	32	1	0	0	–	15.8	0.0	20.0	32	+1	16	0	59	0	0	—
DÂKHLA	00	8	28	2	0	0	–	16.4	-0.4	19.5	29	-2	15	0	77	0	0	—
Red Sea																		
TÔR	00	7	04	3	0	0	–	15.0	-0.1	19.8	27	0	15	-1	51	0	0	1
HURGHÂDA	00	8	28	3	0	0	–			24.3	28	-1	17	0	25	0	0	0
QUSEIR	00	8	26	2	0	0	–	14.0	-0.5	23.7	30	+1	21	0	55	0	0	0
PORT SÛDÂN	01	9	30	2	1	4	6	13		28					79	0	29	16
North Sûdân																		
WÂDI HALFA																0	0	—
KAREIMA																0	0	1
'ATBARA	01	8	06	2	0	2	8	10		29					46	0	dr	2
KHARTÛM																0	2	4
KASSALA	00	8	08	2	0	1	4	8		32					43	0	1	8
Central Sûdân																		
WAD MEDANI	01	9	00	0	1	4	1	9		30					27	0	15	11
RENK	01	9	18	2	1	4	4	9		28		—		—	66	—	—	44
ROSEIRES	00	8	14	1	0	3	4			25					79	0	14	31
EL OBEID	02	9	30	2	1	5	4	11		25					36	0	69	16
EL FÂSHER	00	8	00	0	0	0	–	—	—	20					43	0	4	6
GENEINA								—	—			—		—		—	—	4
KADUGLI	02	8	28	3	1	6	4	11		27		—		—	48	—	—	83
S. Sûdân																		
MALAKÂL	01	8	20	2	1	4	4	11		26					74	0	101	77
WÂU																0	138	130
JUBA	01	8	12	1	2	4	4	12		24					74	0	153	102

Upper Winds on 3rd (الرياح العليا يوم ٣)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh h. m.	Mariut 7h. m.	Port Saïd 7h. m.	Helwân h. m.	Minya 6h. 45m.	Asyût h. m.	Luxor 6h. 30m.	Aswân h. m.	Wâdi Halfa h. m.	Abu Hamad h. m.	Kareima h. m.	Khartûm h. m.
	03 01 15	03 02 15		03 02 30		03 34 05					
	05 01 15	06 04 15		06 01 10		06 04 10					
	09 05 20	09 05 15		09 34 05		09 02 10					
	12 02 35	12 06 15		15 07 10		12 08 15					
	15 03 20	15 08 05		21 14 05		15 07 15					
	18 04 20	21 33 05		27 07 10							
	21 04 10	24 33 05		36 12 05							
		30 25 15		48 30 20							
				60 30 15							

Kassala 7h. m.	Port Sûdân 7h. m.	El Obeid 7h. m.	El Fâsher h. m.	Geneina h. m.	Malakal h. m.
09 13 15	09 09 25	09 36 35			
15 10 25	15 12 35	15 02 35			
21 06 25		21 04 30			
27 05 11		27 06 15			
33 03 20		33 03 15			

Upper Air Temp. Almâza at 6h G.M.T. on 3rd

Height Feet	P.P.P m.b.	TT °F	tt °F
Surface	1016	64	62
500	989	67	62
1000	970	64	61
1500	952	63	59
2000	935	60	58
4000	869	64	48
6000	806	59	40
8000	747	54	36
10000	692	48	34
12000	640	40	28
14000	591	32	24
16000			

Cyprus Synoptic 8h. on 3rd

34700 00990 26212 17180 94302 00440
34800 01990 20112 19180 29302 00180

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Mean of day

Station	Humidity % on 2nd	Diff from normal	Wet bulb temp °C on 2nd	Diff from normal
Alexandria	61	-7	18.8	+0.2
Ezbekîya	69	+2	19.0	+1.4
Gîza	65	-4	17.7	+0.2
Helwân	57	+2	17.2	+1.0

GÎZA — Grass minimum temp. on 3rd 10.3 °C

CAIRO — Water temp. river Nile at 8h. on 3rd 21.6 °C

Discharges at Aswân measured by sluices m³ per sec. Date	1946	1945
3 – 11	3241	2357
2 – 11	3241	2510

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		13.22	-0.49	13.22	-0.49
Nâsser		11.30	+0.72	11.30	+0.71
Malakâl		12.85	+0.52	12.85	+0.52
J. Aulia Res.				372.19	
J. Aulia D.S				373.39	+0.24
Roseires		15.47	+0.32	15.56	+0.78
Sennar Res.		418.05		417.97	
Khartûm		13.13	+0.31	13.18	+0.31
Kh. el Girba					
'Atbara		12.52	+0.48	12.58	+0.47
Kajnarti		138.24	+0.79	138.27	+0.75
Aswân Res.		116.44		116.43	
Aswân D.S		88.36	-0.20	88.38	-0.31
Roda (Cairo)		17.48	-0.52	17.53	-0.50

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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, 1945.(45/306)

ANNUAL SUBSCRIPTION P.T. 150

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Time of Sunrise h. 06 m. 11 — Sunset h. 17 m. 06

Month November 1946 — شهر نوفمبر ١٩٤٦

At 14h. on Sunday 3rd — الساعة ١٤ يوم ٣/١١

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 8-14 h. mms	STATION NUMBER
MEDITERRANEAN: SALÛM												130
MATRÛH	00	9	32	2	1	0	—	17.5	23.8	66	0	131
MARIUT	02	8	01	2	1	5	2	16	25	61	0	150
ALEXANDRIA	01	9	04	3	2	4	1	16.7	23.7	63	0	132
DAMIETTA	01	8	04	3	1	4	3	15.5	24.8	64	0	159
PORT SA'ÎD	02	8	02	2	2	5	2	15.4	25.8	65	0	134
EL 'ARÎSH	01	9	30	3	0	3	3	15.0	24.9	68	0	135
LOWER EGYPT: DAMANHÛR	01	7	04	3	1	3	1	15.6	26.2	52	0	136
MANSÛRA	01	8	04	1	1	3	8	15.4	27.5	55	0	137
ṬANṬA	01	8	28	3	1	4	8	14.2	27.4	51	0	138
ZAGAZIG	00	6	32	2	0	0	—	15.1	27.0	51	0	139
SHEBÎN EL KÔM	00	7	04	3	0	0	—	15.6	29.0	45	0	—
MIDDLE EGYPT, CAIRO: ALMÂZA	00	8	04	2	0	0	—	14.2	27.3	40	0	141
EZBEKÎYA	01	8	02	3	0	3	2	14.4	27.6	48	0	—
GÎZA	00	7	02	2	0	0	—	15.5	27.0	46	0	—
ḤELWÂN	00	8	02	4	0	3	1	16.2	27.2	36	0	143
SUEZ	02	9	00	0	2	7	5	14.4	29.8	46	0	144
UPPER EGYPT: FAIYÛM	00	8	30	2	0	2	1	13.8	27.9	38	0	153
MINYA	00	9	02	3	0	0	—	13.2	28.6	47	0	154
ASYÛṬ	00	8	30	1	0	0	—	13.8	27.1	48	0	155
NAG' ḤAMÂDI	00	8	00	0	0	0	—	12.8	29.3	40	0	164
QENA	00	8	36	2	0	0	—	11.5	30.4	40	0	156
LUXOR	00	7	02	1	0	0	—	13.8	35.0	37	0	157
ASWÂN	00	9	30	2	0	0	—	9.5	35.5	14	0	158
WESTERN DESERT: SÎWA	00	8	00	0	0	0	—	18.2	28.0	57	0	148
BAHARÎYA												149
KHÂRGA	00	9	32	2	0	0	—	12.4	31.1	21	0	151
DAKHLA	00	9	28	2	0	0	—	12.4	28.0	47	0	152
RED SEA: ṬÔR	00	7	28	3	0	0	—	12.5	26.0	67	0	145
HURGHÂDA	00	8	12	2	0	0	—	—	27.6	55	0	146
QUSEIR	00	8	32	2	0	0	—	12.2	30.0	54	0	147
PORT SÛDÂN	01	9	06	2	8	4	6	9	32	70		208
NORTH SÛDÂN: WÂDI ḤALFA	00	8	22	2	0	0	—	8	35	14		165
KAREIMA	01	8	00	0	0	3	8,4	6	38	18		166
'ATBARA	01	8	12	3	1	4	8,4	5	36	27		167
KHARTÛM	02	8	10	2	1	5	8,4	4	38	21		209
KASSALA	00	8	22	2	0	2	8	3	39	30		170
CENTRAL SÛDÂN: WAD MEDANI	02	8	32	2	0	5	8	3	38	18		171
RENK	01	9	18	3	1	4	8	3	36	31		182
ROSEIRES	11	7	32	1	9	5	9	6?	29	66		172
EL OBEID	02	9	02	2	1	7	8,4	4	36	20		174
EL FÂSHER	00	9	00	0	0	1	8	—	34	18		175
GENEINA												179
KADUGLI	01	8	20	2	1	4	1	5	36	22		187
S. SÛDÂN: MALAKÂL	01	8	00	0	1	4	8,4	6	33	41		176
WÂU	01	8	20	1	1	4	8,4	6	33	41		177
JUBA	02	8	04	2	1	6	8,4	5	33	41		178

At 20h. on 3rd — الساعة ٢٠ يوم ٣/١١ حد

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 14-20 h. mms
MEDITERRANEAN: SALÛM											
MATRÛH	00	8	02	2	0	0	—	17.9	21.6	72	0
MARIUT	02	7	01	1	2	6	6,4	17	21	83	0
ALEXANDRIA	01	6	04	1	2	5	4	17.5	22.0	74	0
DAMIETTA	01	7	32	2	1	4	4	15.8	22.0	80	0
PORT SA'ÎD	02	8	30	2	2	5	2	15.9	23.0	77	0
EL 'ARÎSH	00	9	00	0	0	3	3	15.4	20.1	91	0
LOWER EGYPT: DAMANHÛR	01	6	32	2	1	4	1	17.1	20.5	77	0
MANSÛRA	00	6	32	1	1	0	—	16.7	21.2	82	0
ṬANṬA	01	8	04	1	1	3	8	16.8	22.2	72	0
ZAGAZIG	00	6	30	2	0	0	—	17.0	19.2	72	0
SHEBÎN EL KÔM	00	7	02	2	0	1	1	17.2	21.0	76	0
MIDDLE EGYPT, CAIRO: ALMÂZA	01	7	04	2	0	5	1	16.2	22.8	62	0
EZBEKÎYA	01	6	02	2	1	4	1	16.3	21.8	70	0
GÎZA	00	7	30	1	1	0	—	15.1	23.0	60	0
ḤELWÂN	01	7	02	4	1	5	1	15.6	22.4	63	0
SUEZ	01	9	30	1	1	4	3	14.2	22.8	58	0
UPPER EGYPT: FAIYÛM	01	8	32	2	1	4	2	14.8	22.4	57	0
MINYA	00	8	30	2	0	0	—	14.7	22.7	66	0
ASYÛṬ	00	6	32	1	0	0	—	14.6	21.1	65	0
NAG' ḤAMÂDI	00	8	00	0	0	0	—	13.6	21.3	69	0
QENA	00	6	26	2	0	0	—	13.2	24.0	49	0
LUXOR	00	6	28	2	0	0	—	12.8	25.8	25	0
ASWÂN	00	9	32	2	0	0	—	11.1	30.0	21	0
WESTERN DESERT: SÎWA	00	—	00	0	0	0	—	17.9	20.0	55	0
BAHARÎYA	00	—	00	0	0	0	—	17.4	18.2	69	0
KHÂRGA	00	9	32	1	0	0	—		27.2	28	0
DAKHLA	00	7	28	2	0	0	—	16.2	19.0	79	0
RED SEA: ṬÔR	00	7	28	3	0	0	—	13.8	25.1	71	0
HURGHÂDA	00	8	02	1	0	0	—	—	24.2	65	0
QUSEIR	00	8	02	2	0	0	—	12.3	25.3	74	0
PORT SÛDÂN											
NORTH SÛDÂN: WÂDI ḤALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN: WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN: MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 3rd — الرياح العليا يوم ٣

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI ḤALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.
	13h. 15m.	13h. 30m.	13h. 15m.				13h. 30m.	13h. 15m.		13h. 15m.	13h. 15m.		13h. 15m.
	03 01 15	03 02 15	03 03 20				06 04 15	09 19 05		09 11 10	09 04 25		09 05 02
	06 03 15	06 02 15	06 04 30					15 19 10		15 11 05	15 04 30		15 17 05
	09 04 15	09 03 15	09 03 30					21 19 15		21 09 10	21 01 15		21 11 15
	15 03 15	15 03 05	15 04 15					27 19 10		27 07 20	27 22 05		27 12 15
	18 02 10	21 32 05	21 30 05								33 11 05		33 09 15
	21 01 10	27 25 05											
	27 01 15	30 29 30											
	30 01 15	39 28 15											
		45 25 15											

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day: HUMIDITY % on 3rd	Diff from normal	WET BULB TEMP °C on 3rd	Diff from normal
Alexandria	66	-2	19.0	+0.5
Ezbekiya	67	0	18.8	+1.3
Gîza	71	+1	17.3	-0.1
Ḥelwân	69	+14	17.6	+1.5

GÎZA — GRASS MINIMUM TEMP. ON 4th 12.0 °C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 4th 21.6 °C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day: Reading m.	Previous day: Diff. from normal m.
Jûba	11	13.30	-0.40	13.22	-0.09
Nasser		11.20	+0.71	11.30	+0.72
Malakâl		12.85	+0.52	12.85	+0.52
J. Aulia Res.					
J. Aulia D.S					
Roseires		15.00	+0.70	15.03	+0.72
Sennar Res.		480.15	—	480.05	—
Khartûm		13.08	+0.22	13.13	+0.31
Kh. el Girba					
'Atbara	4	12.46	+0.48	12.52	+0.42
Kajnarti		138.16	+0.86	138.24	+0.79
Aswân Res.		116.69	—	116.46	—
Aswân D.S		88.37	-0.07	88.38	-0.20
Roda (Cairo)		17.35	-0.54	17.43	-0.53

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	4-11	3241	2220
	3-11	3241	2357

Printed by the Survey of Egypt, 1945.(45/306)

At 8h. on Monday 4th — الساعة ٨ يوم ٤ اثنين

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm. °C	Minimum Today °C mm	Minimum Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct 1 mms
MEDITERRANEAN: SALÛM											—			—				4
MATRÛH	00	9	16	1	0	0	—	17.2	-0.2	20							13	17
MARIUT	01	7	00	0	1	5	1	16		22	26	—	16	—	83	0	3	8
ALEXANDRIA	01	9	00	0	0	4	1	16.8	-0.9	24.0	27	+1	21	+3	66	0	3	9
DAMIETTA	01	8	32	3	1	4	3	16.8	-0.6	23.0	26	—	20	—	74	0	tr	7
PORT SA'ÎD	02	8	02	2	2	5	2	15.8	-0.4	25.0	28	+1	22	+3	62	0	4	4
EL 'ARÎSH	00	9	00	0	0	2	3	15.8	-0.5	19.1	27	+1	15	0	79	0	0	5
LOWER EGYPT: DAMANHÛR	01	6	06	2	1	5	1	16.6	-0.0	19.5	27	-1	17	+2	77	0	2	5
MANSÛRA	01	8	02	1	1	3	6	16.3	-0.3	22.0	29	+1	17	+1	76	0	tr	3
ṬANṬA	00	8	00	0	0	0	—	16.0	-1.5	19.8	28	0	13	-1	83	0	0	3
ZAGAZIG	00	6	32	2	0	0	—	16.5	-0.6	21.8	27	-1	16	+2	75	0	0	3
SHEBÎN EL KÔM	00	8	02	1	0	0	—	17.6	-0.2	16.4	30	—	15	—	95	0	tr	—
MIDDLE EGYPT, CAIRO: ALMAZA	02	7	03	2	4	6	6	15.7	-1.3	18.8	28	—	17	—	96	0	tr	—
EZBEKÎYA	02	4	04	2	4	5	6	16.2	-0.8	20.5	29	+1	17	+1	85	0	tr	2
GÎZA	02	4	04	1	4	6	6	15.8	-1.4	18.5	28	+1	15	+1	94	0	tr	2
ḤELWÂN	05	6	04	2	2	7	8,1	15.6	-1.7	20.9	28	+1	18	+2	94	0	0	1
SUEZ	00	9	30	1	0	0	—	14.0	-2.3	22.6	30	+1	18	+1	90	0	tr	2
UPPER EGYPT: FAIYÛM	02	8	02	2	2	5	2	15.5	-1.4	19.0	28	-1	17	+2	91	0	tr	0
MINYA	02	8	32	2	2	6	8	15.5	-1.3	18.9	29	+1	16	+1	87	0	tr	—
ASYÛṬ	00	7	32	1	0	0	—	15.0	-1.4	19.2	30	+2	15	0	73	0	0	0
NAG' ḤAMÂDI	00	8	00	0	0	0	—	14.3	-1.2	21.0	31	—	16	—	70	0	0	—
QENA	00	7	22	2	0	0	—	13.9	-1.1	21.3	32	0	16	0	69	0	0	—
LUXOR	00	7	28	2	0	0	—	13.8	-1.3	24.8	37	[illegible]	15	[illegible]	35	0	0	—
ASWÂN	00	9	00	0	0	0	—	12.6	-1.9	24.0	36	+2	20	+1	36	0	0	—
WESTERN DESERT: SÎWA	00	7	00	0	0	0	—	17.8	-0.6	16.0	30	+1	10	-2	77	0	0	0
BAHARÎYA	01	9	00	0	1	4	—	16.9	-0.8	17.0	28	0	12	-1	61	0	0	0
KHÂRGA	00	9	32	1	0	0	—	14.4	-1.5	21.5	32	+1	16	0	56	0	0	—
DAKHLA	00	8	28	1	0	0	—	16.4	-0.5	19.0	29	-2	13	-2	63	0	0	—
RED SEA: ṬÔR	00	7	04	3	0	0	—	13.2	-1.9	19.2	27	0	15	-1	63	0	0	1
HURGHÂDA	00	8	28	3	0	0	—	—	—	23.6	28	-1	17	0	59	0	0	0
QUSEIR	00	8	26	2	0	0	—	12.4	-2.2	24.7	31	+2	22	+1	50	0	0	0
PORT SÛDÂN																tr	29	17
NORTH SÛDÂN: WÂDI ḤALFA	00	8	04	1	0	0	—	12		29					20	0	0	—
KAREIMA	00	8	00	0	0	2	4	11		28					29	0	0	1
'ATBARA	01	8	08	2	0	0	4	10		30					55	tr	tr	2
KHARTÛM	01	8	08	2	1	4	4	9		32					36	0	2	4
KASSALA	00	8	14	2	0	0	—	9		28					52	0	1	8
CENTRAL SÛDÂN: WAD MEDANI	00	9	00	0	0	2	3	9		28					52	0	15	11
RENK	00	9	16	2	1	0	—	9		25	—		—		51	—	—	44
ROSEIRES	02	7	08	2	2	6	8			23					84	7	21	31
EL OBEID	00	9	32	1	0	1	4	10		28					29	0	69	16
EL FÂSHER	01	9	00	0	1	3	1	—	—	22					31	0	4	6
GENEINA	01	8	02	2	0	4	4,1	—	—	21	—		—		35	—	—	4
KADUGLI	00	8	28	2	0	1	1	10		26	—		—		58	—	—	23
S. SÛDÂN: MALAKÂL	01	8	14	1	1	5	6,4	10		27					79	0	101	78
WÂU	01	8	16	1	1	4	4,1	10		24					74	0	128	131
JUBA	02	8	14	3	1	6	8,4	12		25					70	2	155	103

UPPER WINDS ON 4th — الرياح العليا يوم ٤

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ḤELWÂN h. m.	MINYA h. m.	ASYÛṬ h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI ḤALFA 7 h. 30 m.	ABU HAMAD 7 h. 15 m.	KAREIMA 7 h. m.	KHARTÛM 7 h. m.
								09 03 25	09 23 02	09 06 20	09 05 20
								15 03 30	15 06 20	15 07 15	15 00 15
								21 36 05	21 09 10	21 09 10	21 03 05
								27 27 20	27 19 05	27 11 10	34 04 05
								33 23 25		33 16 10	36 23 30
								39 23 35			39 22 05

KASSALA 6 h. 05 m.	PORT SÛDÂN h. m.	EL OBEID 7 h. 30 m.	EL FÂSHER h. m.	GENEINA 8 h. m.	MALAKAL 7 h. m.
09 16 05		09 16 20		09 06 30	09 18 15
15 14 20		15 06 30		15 02 30	15 22 15
21 10 20		21 06 30		21 09 00	21 23 10
27 08 20		27 05 30		27 05 05	27 26 10
33 05 25		33 05 15		33 20 05	33 02 10
39 05 30		39 16 05		39 21 10	39 14 10

CYPRUS SYNOPTIC 8h. ON 4th

30700 00990 26100 16180 60304 00140.
34800 00990 20201 17180 25201 00130.

UPPER AIR TEMP. ALMÂZA AT 6h G.M.T ON 4th

HEIGHT FEET	P.P.P m.b.	T.T °F	t.t °F
Surface	1006	67	65
500	989	68	64
1000	970	67	64
1500	952	65	62
2000	935	63	59
4000	869	63	48
6000	806	57	40
8000	747	51	36
10000	692	44	32
12000	640	36	26
14000	591	26	22
16000			

ANNUAL SUBSCRIPTION P.T. 150

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.

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 ... 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 AMOUNT (N)

Clear ... 0
Trace ... 1
1 Tenth ... 2
2, 3 Tenths ... 3
4, 5, 6 Tenths ... 4
7, 8 Tenths ... 5
9 Tenths ... 6
Over 9 Tenths ... 7
Overcast ... 8
Fog or Dust ... 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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Time of Sunrise 06 h. 11 m. — Sunset 17 h. 06 m.

Month NOVEMBER 1946 — شهر نوفمبر ١٩٤٦

At 14h. on MONDAY 4th — الساعة ١٤ يوم ٤ | At 20h. on 4th — الساعة ٢٠ يوم الاثنين ٤

STATION	14h WW	V	DD	F	W	N	C	PPP	TTT	UU	Rain 8-14 mms	20h WW	V	DD	F	W	N	C	PPP	TTT	UU	Rain 14-20 mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	01	9	06	2	0	4	5	15.2	25.0	62	0	00	8	14	3	1	0	—	15.2	20.6	74	0	131
MARIUT	00	8	32	3	1	1	8	15	26	62	0	00	7	02	1	0	0	—	16	19	88	0	150
ALEXANDRIA	01	9	02	2	2	3	8	15.2	25.0	66	0	00	6	04	1	0	0	—	16.0	22.0	71	0	132
DAMIETTA	01	8	06	3	1	3	3	14.6	24.6	55	0	01	6	32	2	1	4	3	14.7	21.8	67	0	159
PORT SA'ÎD	01	8	02	3	1	4	2	14.6	25.6	63	0	01	8	02	2	1	4	2	15.0	22.6	69	0	134
EL 'ARÎSH	00	9	32	3	0	2	3	14.0	24.8	69	0	01	9	00	0	0	3	3	14.3	21.8	74	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	04	3	1	0	—	14.7	27.0	43	0	00	7	32	2	0	0	—	15.8	19.5	86	0	136
MANSÛRA	01	8	04	1	1	3	0	14.6	28.5	52	0	00	6	32	1	1	0	—	15.5	20.0	79	0	137
TANTA	00	8	28	2	0	0	—	13.5	28.3	51	0	00	8	00	0	0	0	—	15.5	19.1	80	0	138
ZAGAZIG	01	6	02	2	1	4	8	14.2	28.2	46	0	00	6	32	2	0	0	—	15.1	20.4	74	0	139
SHEBÎN EL KÔM	00	8	02	3	0	0	—	14.8	29.9	35	0	00	7	02	2	0	0	—	15.3	21.1	67	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	01	8	02	3	1	5	1	13.1	28.4	40	0	00	7	04	3	0	0	—	14.5	22.6	61	0	141
CAIRO EZBEKÎYA	01	8	02	3	1	4	1	13.6	28.6	44	0	00	6	02	2	0	0	—	15.0	23.6	61	0	—
CAIRO GÎZA	01	6	04	2	1	4	1	14.8	27.8	43	0	00	7	32	1	0	0	—	14.0	23.7	57	0	—
HELWÂN	01	8	02	3	1	4	1	13.0	28.0	34	0	00	7	02	5	0	0	—	14.3	22.2	68	0	143
SUEZ	01	9	00	0	1	4	1	12.4	29.0	33	0	01	9	30	2	1	4	3	14.2	25.4	58	0	144
UPPER EGYPT																							
FAIYÛM	01	8	32	1	1	4	1	12.8	28.0	43	0	00	8	32	1	0	0	—	13.6	23.3	58	0	153
MINYA	01	9	02	2	1	3	2	12.6	27.6	37	0	00	8	32	1	0	0	—	13.2	21.3	68	0	154
ASYÛT	00	8	32	1	0	0	—	13.1	26.8	50	0	00	6	20	1	0	0	—	13.4	21.7	62	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	11.8	30.9	32	0	00	8	00	0	0	0	—	12.8	21.8	67	0	164
QENA	01	8	24	1	0	4	3	11.1	32.6	36	0	01	6	22	2	1	4	3	11.6	24.6	46	0	156
LUXOR	00	7	22	1	0	0	—	11.1	35.0	19	0	00	6	32	1	0	0	—	12.2	25.2	27	0	157
ASWÂN	01	9	00	0	1	3	4	10.6	35.0	15	0	02	9	00	0	1	5	4	10.8	31.0	17	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	—	17.0	27.0	56	0	00	—	00	0	0	0	—	16.6	18.6	66	0	148
BAHARÎYA																							149
KHÂRGA	00	9	32	1	0	0	—	13.4	30.0	25	0	00	9	32	1	0	0	—	13.8	26.1	36	0	151
DAKHLA	00	9	28	2	0	0	—	13.8	28.3	45	0	00	7	28	1	0	0	—		18.5	64	0	152
RED SEA																							
TÔR	00	7	28	3	0	0	—	13.6	27.2	67	0	00	7	28	3	0	0	—	12.2	26.1	72	0	145
HURGHÂDA	00	8	04	1	0	0	—	—	28.3	60	0	00	8	00	0	0	0	—	—	24.8	62	0	146
QUSEIR	00	8	02	2	0	0	—	12.0	30.0	63	0	01	8	32	2	1	4	4	11.6	26.0	62	0	147
PORT SÛDÂN	01	9	06	3	1	3	8,3	9	32	75													208
NORTH SÛDÂN																							
WÂDI HALFA	00	8	04	3	0	0	—	9	34	15													165
KAREIMA	00	9	00	0	0	3	8	7	38	18													166
'ATBARA	01	8	08	3	1	4	8	5	32	28													167
KHARTÛM	01	8	06	1	1	3	8	5	38	21													209
KASSALA	02	8	00	0	0	2	8	3	37	35													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	32	4	0	5	8	3	38	—													171
RENK																							182
ROSEIRES																							172
EL OBEID	00	9	02	3	1	3	8,4	3	36	22													174
EL FÂSHER																							175
GENEINA																							179
KADUGLI																							187
S. SÛDÂN																							
MALAKÂL																							176
WÂU																							177
JUBA	01	8	07	2	5	5	2	8	—	—													178

At 8h. on TUESDAY 5th — الساعة ٨ يوم الثلاثاء ٥

STATION	WW	V	DD	F	W	N	C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms	Total From Oct. 1 mms	Norm. From Oct 1 mms
MEDITERRANEAN																		
SALÛM												—		—				4
MATRÛH	00	9	24	1	0	0	—	16.2	-2.2	21.8	28	+3	17	+1	70	0	13	18
MARIUT	01	7	00	0	4	3	1	15		20	26	—	14	—	88	0	3	9
ALEXANDRIA	01	8	00	0	1	4	1	15.5	-2.2	22.6	27	+1	19	+1	72	0	3	10
DAMIETTA	04	6	20	1	4	4	3	14.7	-1.7	21.7	26	—	17	—	85	0	dr.	8
PORT SA'ÎD	02	8	02	2	2	5	2	15.2	-1.0	22.3	28	+2	19	0	79	0	4	4
EL 'ARÎSH	01	9	18	1	0	4	3	15.1	-1.2	18.9	27	+1	14	-1	80	0	0	5
LOWER EGYPT																		
DAMANHÛR	01	6	16	2	1	5	1	15.3	-1.2	19.0	28	0	14	-1	87	0	2	5
MANSÛRA	01	8	04	1	1	3	0	15.4	-1.3	20.0	29	+1	15	-1	83	0	dr.	3
TANTA	01	8	28	1	1	3	1	15.2	-2.3	19.6	29	+1	12	-2	83	0	0	3
ZAGAZIG	00	6	32	2	0	0	—	15.4	-1.8	20.2	29	+1	14	0	88	0	0	2
SHEBÎN EL KÔM	00	8	02	1	0	2	2	15.5	-1.8	16.7	32	—	14	—	91	0	dr.	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	07	1	0	3	1	14.8	-2.3	18.6		—	14	—	84	0	dr.	—
CAIRO EZBEKÎYA	05	6	02	2	1	4	4	15.4	-1.7	18.9	30	+2	15	0	83	0	dr.	2
CAIRO GÎZA	01	6	24	1	1	4	1	15.0	-2.2	16.2	28	+1	12	-1	95	0	dr.	3
HELWÂN	09	6	04	2	1	4	1	14.4	-3.0	19.2	29	+2	17	+1	84	0	0	1
SUEZ	20	8						14.6	-1.7	24.8	31	+3	18	+1	75	dr.	dr.	2
UPPER EGYPT																		
FAIYÛM	01	8	02	2	1	4	2	14.4	-2.5	19.2	29	0	15	0	86	0	dr.	0
MINYA	01	9	32	2	1	4	1	14.7	-2.2	19.5	28	0	17	+2	86	0	dr.	—
ASYÛT	00	7	22	1	0	0	—	14.7	-1.8	19.2	28	0	16	+1	70	0	0	0
NAG' HAMÂDI	00	8	00	0	0	0	—	14.6	-1.0	21.9	33	—	14	—	57	0	0	—
QENA	01	7	22	2	1	3	3	13.6	-1.5	24.0	34	+2	16	+1	50	0	0	—
LUXOR	00	7	28	2	0	0	—	13.5	-1.7	24.8	36	+3	16	+1	35	0	0	—
ASWÂN	00	9	32	2	0	0	—	12.8	-1.8	26.0	35	+2	21	+3	35	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	16.4	-2.1	13.8	29	0	10	-2	78	0	0	0
BAHARÎYA																	0	0
KHÂRGA	00	9	08	1	0	0	—	14.7	-1.2	16.5					74	0	0	—
DÂKHLA	00	8	28	1	0	0	—	15.8	-1.2	17.0	29	-2	13	-1	70	0	0	—
RED SEA																		
TÔR	00	7	00	0	0	0	—	12.8	-2.4	22.3	28	+1	16	0	63	0	0	1
HURGHÂDA	00	8	30	2	0	2	1			25.6	29	0	16	-1	47	0	0	0
QUSEIR	01	8	26	2	1	4	4	12.2	-2.5	26.8	31	+2	23	+2	34	0	0	0
PORT SÛDÂN	01	9	32	2	1	4	8	11		30					70	0	29	19
NORTH SÛDÂN																		
WÂDI HALFA	00	8	04	1	0	0	—	13		23					34	0	0	—
KAREIMA	01	8	06	2	1	4	4,5	11		24					26	0	0	1
'ATBARA	00	8	04	3	0	3	4	10		28					45	0	dr.	2
KHARTÛM	01	8	00	0	1	4	—	9		30					43	0	2	4
KASSALA																0	1	8
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	16	2	1	5	3	9		27					58	0	15	11
RENK	00	9	16	3	0	0	—	9		27		—		—	79	—	—	44
ROSEIRES	01	7	12	1	1	5	8			23					84	0	21	31
EL OBEID	01	9						10		27					48	0	69	16
EL FÂSHER	00	9	00	0	0	2	2,1	—	—	21					31	0	4	6
GENEINA	01	8	30	3	1	4	4,1	—	—	21		—		—	35	—	—	4
KADUGLI	01	8	12	2	1	4	1	10		25					70	—	—	83
S. SÛDÂN																		
MALAKÂL	02	8	00	0	1	8	4,5	11		24					65	0	101	78
WÂU	02	8	00	0	1	6	4,5	11		23					78	0	138	132
JUBA	01	8	00	0	1	4	4,4	12		25					84	dr.	155	104

UPPER WINDS ON 4th — الرياح العليا يوم ٤

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13h. 30m.	13h. m.	12h. 30m.	12h. 30m.	13h. m.	h. m.	13h. 15m.
							09 25 05	09 00 00	09 06 25	09 16 05	09 08 10		09 07 20
							15 02 05	15 16 05	15 07 25	15 11 05	15 07 10		15 10 30
							21 22 10	21 11 10	21 07 25	21 09 15	21 07 25		21 08 15
							27 26 30	27 19 00	27 07 25	27 07 20	27 09 15		27 08 15
							33 24 50	33 24 15	33 08 20	33 05 15	33 04 10		33 07 05
								39 25 30	39 09 02	39 23 05	39 21 05		39 11 05

UPPER WINDS ON 5th — الرياح العليا يوم ٥

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	7h. 15m.	7h. 15m.	7h. 45m.	6h. m.
								09 02 35	09 05 30	09 05 55	09 08 25
								15 35 15	15 07 35	15 05 65	15 07 20
								21 24 15	21 10 25	21 06 40	21 07 15
								27 22 45	27 10 25	27 09 40	27 08 20
									33 10 35	30 09 40	33 07 15
											39 07 10

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	7h. m.	h. m.	7h. 30m.	7h. m.	7h. m.
	09 08 15			09 07 25	09 21 20
			15 09 15	15 08 45	15 20 10
			21 15 20	21 09 30	21 21 05
			24 16 20	27 09 05	27 18 02
				33 12 10	39 07 25
				39 18 20	

UPPER AIR TEMP. ALMÂZA AT 6 G.M.T ON 5th.

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	1004	65	59
500	986	66	63
1000	968	65	62
1500	951	68	53
2000	934	68	52
4000	867	66	45
6000	804	57	41
8000	746	47	34
10000	690	41	30
12000	639	32	27
14000	590	27	22
15000			

CYPRUS SYNOPTIC 8h. ON 5th.

34700 00890 00012 15170 65404 00130

34800 01998 20213 16170 71203 00140

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day: Humidity % on 4th	Diff from normal	Wet Bulb Temp °C on 4th	Diff from normal
Alexandria	64	-3	19.7	+1.3
Ezbekîya	66	-1	19.3	+1.9
Gîza	69	-1	18.7	+1.4
Helwân	66	+11	18.1	+2.1

GÎZA — GRASS MINIMUM TEMP. ON 5th 10.0 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 5th 21.3 °C

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	3rd	3241	2015
	4th	3241	2220

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Diff. from normal m.
Jûba	5th	13.39	-0.31	13.30	-0.40
Nâṣṣer		11.28	+0.71	11.29	+0.71
Malakâl		12.86	+0.53	12.85	+0.52
J. Aulia Res.					
J. Aulia D.S					
Roseires		15.36	+0.71	15.40	+0.70
Sennar Res.		418.29	—	418.15	—
Khartûm		13.05	+0.35	13.08	+0.32
Kh. el Girba					
'Atbara		12.40	+0.45	12.46	+0.48
Kajnarti		138.04	+0.86	138.16	+0.86
Aswân Res.		116.99	—	116.69	—
Aswân D.S		88.37	+0.05	88.37	-0.07
Roda (Cairo)		17.28	-0.56	17.35	-0.64

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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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ANNUAL SUBSCRIPTION P.T. 150

Sunset 17 h. 05 m.

Month November 1946

DAILY WEATHER REPORT

شهر نوفمبر ١٩٤٦

At 14h. on Tuesday 5 (الساعة ١٤ يوم الثلاثاء ٥) — At 20h. on 5 (الساعة ٢٠ يوم)

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	Rain 8–14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	Rain 14–20h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	02	9	30	3	0	5	8	15.2	23.1	68	0	01	8	02	2	2	4	8	16.6	21.6	73	0	131
MARIUT	02	8	30	2	2	7	4,5	14	24	61	0	01	7	31	1	2	5	2	15	20	88	0	150
ALEXANDRIA	02	5	28	2	2	5	2	14.0	25.0	62	0	01	6	04	2	2	4	1	15.9	22.2	74	0	132
DAMIETTA	02	8	02	3	1	6	5	13.9	24.0	63	0	01	7	02	2	1	3	3	14.6	22.0	74	0	159
PORT SA'ÎD	02	8	32	3	2	7	2	14.2	26.3	61	0	01	8	02	2	1	4	2	15.1	22.4	77	0	134
EL 'ARÎSH	01	9	02	3	0	4	3	13.9	25.3	68	0	00	9	32	3	0	3	3	14.7	22.9	60	0	135
LOWER EGYPT																							
DAMANHÛR	02	6	04	3	2	7	2	14.4	26.3	53	0	00	7	32	2	1	3	1	15.9	20.0	81	0	136
MANSÛRA	01	8	04	1	1	4	0	14.0	27.5	52	0	01	6	02	1	1	4	0	15.5	20.5	82	0	137
TANTA	01	8	28	3	1	4	8	12.3	27.4	47	0	00	8	32	1	1	3	8	14.5	19.0	78	0	138
ZAGAZIG	01	6	02	3	1	4	8	13.5	28.2	51	0	00	6	32	2	0	0	–	14.6	20.1	79	0	139
SHEBÎN EL KÔM	01	8	32	3	1	4	2	14.0	29.4	41	0	01	7	04	2	1	3	1	15.0	20.8	77	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	01	8	04	1	0	5	2		28	31	0	01	7	04	1	1	5	4	14	22	65	0	141
CAIRO EZBEKÎYA	02	9	02	3	1	6	1	14.6	27.7	47	0	02	6	02	3	2	6	4	14.3	22.8	57	0	—
CAIRO GÎZA	01	7	04	2	1	4	1	14.3	27.9	39	0	01	7	30	1	1	4	1	13.6	23.0	58	0	—
HELWÂN	02	8	02	3	2	6	1		30.0	22	0	02	7	02	5	2	5	4	13.6	23.0	56	0	143
SUEZ	01	9	30	2	1	4	3	12.9	30.4	31	0												144
UPPER EGYPT																							
FAIYÛM	02	8	30	1	2	5	2	12.2	29.0	32	0	02	8	32	2	2	5	2	13.1	23.2	53	0	153
MINYA												02	8	02	1	2	6	4	13.2	21.6	76	0	154
ASYÛT	00	8	22	1	0	0	–	12.4	28.0	44	0	00	6	20	1	0	0	–	13.1	22.0	58	0	155
NAG' HAMÂDI	00	8	00	0	0	0	–	11.5	32.0	32	0	00	8	00	0	0	0	–	12.7	21.8	71	0	164
QENA	01	8	24	1	1	4	1	11.4	30.6	40	0	00	6	24	1	1	0	–	11.4	23.4	48	0	156
LUXOR	00	7	32	1	0	0	–	10.8	31.0	34	0	00	6	32	1	0	0	–	12.2	22.0	36	0	157
ASWÂN	00	9	00	0	0	0	–	10.4	33.0	19	0	00	9	00	0	0	0	–	11.8	28.0	22	0	158
WESTERN DESERT																							
SÎWA	00	9	00	0	0	0	–	16.2	28.0	35	0	00		00	0	0	0	–	15.3	20.0	55	0	148
BAHARÎYA												00		00	0	0	0			18.0	71	0	149
KHÂRGA	00	9	16	1	0	0	–	12.0	29.2	33	0	00	9	32	1	0	0	–	13.1	25.1	35	0	151
DAKHLA	00	9	28	1	0	0	–	11.2	27.5	27	0	00	7	32	1	0	0	–	16.9	16.8	52	0	152
RED SEA																							
TÔR	00	7	28	2	0	0	–	11.2	28.2	55	0	00	8	28	2	0	0	–	13.0	25.2	80	0	145
HURGHÂDA	01	8	02	1	1	4	3		28.1	61	0	00	8	00	0	0	0	–		26.2	54	0	146
QUSEIR	00	8	32	2	0	0	–	11.1	30.2	53	0	00	8	32	2	0	0	–	11.4	26.2	75	0	147
PORT SÛDÂN	01	9	10	3	1	3	8	11	32	63													168
NORTH SÛDÂN																							
WÂDI HALFA	00	8	02	3	0	0	–	10	33	12													165
KAREIMA	00	8	00	0	1	2	8	6	37														166
'ATBARA	00	8	06	3	0	3	8,4	5	37	17													167
KHARTÛM	01	8	10	1	0	3	8,4	5	38	22	0												168
KASSALA	00	8	28	1	1	2	8	4	37	24													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	00	0	1	3	8	3	39	16													171
RENK																							182
ROSEIRES																							172
EL OBEID	02	9	02	3	1	5	8,4	1	36	19													174
EL FÂSHER	01	9	04	2	1	3	1	–	34	16													175
GENEINA	00	8	12	2	0	3	8	–	34	15													179
KADUGLI																							187
S. SÛDÂN																							
MALAKÂL	01	8	16	1	1	5	8,4	7	32	55													176
WÂU	01	8	08	1	1	4	8,4	5	33	38													177
JUBA	01	8	02	2	1	4	8	5	34	41													178

UPPER WINDS ON 5 (الرياح العليا يوم ٥)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT 12 h. 45 m.	PORT SA'ÎD h. m.	ALMÂZA 13 h. m.	MINYA h. m.	LUXOR 13 h. 30 m.	HURGHÂDA h. m.	WÂDI HALFA 13 h. 15 m.	KAREIMA 13 h. m.	KHARTÛM 13 h. m.	KASSALA 13 h. m.	EL OBEID 13 h. m.	MALAKAL 13 h. m.	JUBA 13 h. m.
	03 03 05		02 05 30		03 31 05		09 33 15	09 06 15	09 08 15	09 36 15	09 09 15	09 17 15	09 08 05
	06 02 10		06 04 30		06 30 05		15 22 20	15 07 10	15 05 05	15 09 02	15 05 20	15 20 05	15 11 10
	07 10 15		09 05 20		09 36 02		21 25 20	21 05 10	18 07 15	21 09 10	21 05 25	21 19 10	21 10 15
	15 15 05		12 05 05		15 24 05		27 23 36	27 04 05	21 09 15	27 08 20	27 06 20	27 07 05	27 10 15
	21 18 05		15 26 03				33 24 35	30 03 05	24 09 15		33 06 20	33 09 05	30 12 25
			21 21 28						30 12 15		39 07 10	39 10 05	
			24 21 30										

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	Date	1946	1945
	6 – 11	3241	1876
	5 – 11	3241	2015

Station	Mean of day: Humidity % on 5	Diff from normal	Wet bulb temp °C on 5	Diff from normal
Alexandria	69	+2	19.6	+1.3
Ezbekiya	64	–3	18.4	+1.1
Giza	69	–1	17.5	+0.4
Helwân	65	+10	17.4	+1.5

GÎZA — GRASS MINIMUM TEMP. ON 6: 12.5 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 6: 21.1 °C

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		13.35	–0.34	13.39	–0.31
Nâsser		11.27	+0.70	11.28	+0.71
Malakâl		12.86	+0.53	12.86	+0.53
J. Aulia Res.					
J. Aulia D.S					
Roseires		15.38	+0.78	15.36	+0.71
Sennar Res.	6	418.42		418.28	
Khartûm	11	13.00	+0.34	13.05	+0.35
Kh. el Girba					
'Atbara		12.34	+0.43	12.40	+0.46
Kajnarti		137.89	+0.81	138.04	+0.86
Aswân Res.		117.24		116.99	
Aswân D.S		88.36	+0.17	88.32	+0.05
Roda (Cairo)		17.26	–0.49	17.28	–0.54

Printed by the Survey of Egypt, 1945.(45/306)

At 8h. on Wednesday 6 (الساعة ٨ يوم الاربعاء ٦)

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Norm from Oct. 1 mms.
MEDITERRANEAN																		
SALÛM												—		—				5
MATRÛH	00	9	20	1	1	3	8	16.6	–0.8	20.8	25	0	17	+1	72	0	13	19
MARIUT	01	7	00	0	0	3	3	16		22	29	—	17	—	78	0	3	9
ALEXANDRIA	01	9	00	0	1	3	4	16.0	–1.9	24.0	26	0	20	+2	67	0	3	8
DAMIETTA	01	8	02	2	1	3	4	14.7	–1.7	22.7	26	—	19	—	76	0	dr	8
PORT SA'ÎD	01	8	02	2	1	3	6	15.2	–1.1	24.7	28	+2	21	+2	70	0	4	5
EL 'ARÎSH	01	9	12	2	0	4	3	14.4	–2.0	21.7	27	+1	19	+4	75	0	0	6
LOWER EGYPT																		
DAMANHÛR	00	7	24	2	1	3	1	16.3	–1.2	19.0	27	–1	16	+1	86	0	2	6
MANSÛRA	01	8	04	1	1	3	8	15.5	–1.2	20.6	29	+1	17	+1	82	0	dr	4
TANTA	01	8	02	1	1	4	8	15.9	–1.7	20.9	28	0	13	–1	87	0	0	4
ZAGAZIG	02	6	32	2	2	5	8	14.9	–1.3	21.8	29	+1	15	+1	79	0	0	2
SHEBÎN EL KÔM	01	8	04	1	1	3	8	15.8	–1.6	17.9	31	—	15	—	90	0	dr	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	00	0	1	4	8,4	15.2	–1.9	17.9	29	—	16	—	89	0	dr	—
CAIRO EZBEKÎYA	05	6	02	2	1	5	8,4	15.4	–1.7	20.3	30	+2	16	+1	89	0	dr	2
CAIRO GÎZA	01	6	30	2	1	4	8	15.2	–2.1	17.1	29	+2	15	+2	90	0	dr	3
HELWÂN	01	6	32	2	1	4	8	14.6	–2.8	20.8	30	+2	18	+2	78	0	0	1
SUEZ	00	9	00	0	0	0	–										dr	2
UPPER EGYPT																		
FAIYÛM	01	8	32	2	1	4	8	14.6	–2.4	19.0	30	+1	17	+2	74	0	dr	0
MINYA	00	8	02	2	1	2	8	14.7	–2.2	20.9	29	+1	16	+1	80	0	dr	—
ASYÛT	00	7	22	1	0	0	–	14.2	–2.0	20.0	30	+2	16	+1	68	0	0	0
NAG' HAMÂDI	00	8	00	0	0	0	–	14.3	–1.4	21.0	33	—		—	55	0	0	—
QENA	00	7	24	1	0	0	–	13.6	–1.6	22.2	33	+1	16	+1	56	0	0	—
LUXOR	00	7	28	1	0	0	–	14.0	–1.2	24.8	35	+2	14	±	35	0	0	—
ASWÂN	00	9	00	0	0	0	–	14.3	–0.5	24.3	36	+2	18	0	42	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	–	17.2	–1.3	16.0	29	0	11	–1	72	0	0	0
BAHARÎYA	00	7	32	1	0	0	–	17.8	0.0	19.0	28	0	14	+1	72	0	0	0
KHÂRGA	00	9	08	1	0	0	–	16.4	+0.4	19.2	30	–1	12	–3	45	0	0	—
DÂKHLA	00	8	28	1	0	0	–	16.0	–1.0	17.0	29	–1	13	–1	51	0	0	—
RED SEA																		
TÔR	00	7	04	3	0	0	–	12.2	–3.0	19.9	29	+2	17	+1	74	0	0	1
HURGHÂDA	02	8	28	2	2	5	5			25.1	29	0	17	0	49	0	0	0
QUSEIR	01	8	28	2	1	3	1	12.3	–2.5	24.2	32	+3	20	–1	54	0	0	0
PORT SÛDÂN	00	9	32	2	0	3	8	12		30					70	0	29	20
NORTH SÛDÂN																		
WÂDI HALFA	00	8	24	1	0	0	–	15		22					38	0	0	—
KAREIMA	01	8	04	3	1	4	8,4	12		28					25	0	0	1
'ATBARA	01	8	32	3	1	4	4,1	10		30					33	0	dr	2
KHARTÛM	00	8	04	3	0	1	4	9		31					33	0	2	4
KASSALA	00	8	00	0	0	0	–	7		32					29	0	1	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	00	0	0	2	1	8		29					35	0	15	11
RENK												—		—		—	—	44
ROSEIRES	01	8	14	1	1	4	4			24					74	0	31	31
EL OBEID	01	9	00	0	1	3	4	8		28					42	0	69	16
EL FÂSHER	01	9	00	0	1	4	4	—	—	23					76	0	4	6
GENEINA								—	—			—		—		—	—	4
KADUGLI	01	8	28	3	1	3	1	10		27		—		—	79	—	—	84
S. SÛDÂN																		
MALAKÂL	01	8	00	0	1	5	4	9		26					84	0	101	79
WÂU	01	8	00	0	1	4	4	8		32					52	0	138	133
JUBA	00	8	12	2	0	2	4	11		24					84	0	155	105

UPPER WINDS ON 6 (الرياح العليا يوم ٦)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI HALFA 7 h. 15 m.	ABU HAMAD 7 h. 15 m.	KAREIMA 7 h. m.	KHARTÛM 7 h. m.
								09 34 25	09 03 15	09 03 40	09 08 25
								15 30 15	15 09 15	15 04 30	15 12 25
								21 30 15	21 11 20	21 07 20	
								27 20 30	27 11 25	27 16 15	
								33 21 50	33 11 15	30 14 05	
								39 23 30	39 15 15		

KASSALA 7 h. m.	PORT SÛDÂN 7 h. m.	EL OBEID 6 h. m.	EL FÂSHER 7 h. m.	GENEINA h. m.	MALAKAL 7 h. m.
09 10 25	09 09 15	09 19 10	09 01 15		09 19 10
15 11 20	15 10 30	15 35 20	15 05 35		15 18 05
21 09 15	21 10 15	21 06 25	21 07 25		21 10 10
27 09 20	27 09 30	27 07 30	27 10 15		27 10 25
		33 08 20	33 11 15		33 10 10
		39 09 05	39 11 10		

UPPER AIR TEMP. ALMÂZA AT G.M.T. ON 6

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	1006	63	62
500	989	66	63
1000	970	65	63
1500	952	63	62
2000	935	66	49
4000	869	66	50
6000	806	56	42
8000	747	46	38
10000	692	36	33
12000	640	26	26
14000	591	20	17
16000			

CYPRUS SYNOPTIC 8h. ON 6

32700 03990 26 46 15170 75400

34807 03893 16128 16180 87301

ANNUAL SUBSCRIPTION P.T. 150

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

Sunset 17 04

Month November 1946

DAILY WEATHER REPORT

STATION	At 14h. on Wednesday 6th (الساعة ١٤ يوم ٦/١١) PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	HUMIDITY % UU	RAIN 8-14 mms	At 20h. on 6th (الساعة ٢٠ يوم ٦/١١) PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	HUMIDITY % UU	RAIN 14-20 mms	STATION NUMBER
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	06	3	0	0	—	15.0	24.8	54	0	02	8	00	0	0	5	8	16.2	20.6	68	0	131
MARIUT	01	7	31	3	1	4	6,4	15	24	69	0	01	7	35	2	1	4	8	16	21	83	0	150
ALEXANDRIA	01	9	08	2	2	4	8	14.8	24.6	63	0	01	6	02	2	2	4	8	16.4	21.4	75	0	132
DAMIETTA	02	8	32	3	1	5	4	13.8	23.7	62	0	00	8	30	3	1	0	—	14.6	21.8	75	0	159
PORT SA'ÎD	02	8	02	2	2	5	1	13.8	25.6	69	0	01	8	30	3	1	4	8	16.6	22.3	79	0	134
EL 'ARÎSH												01	9	32	3	0	5	3	13.8	22.9	97	0	135
LOWER EGYPT																							
DAMANHÛR	01	7	04	3	1	3	4	14.6	26.0	57	0	00	7	32	2	0	0	—	15.8	20.5	80	0	136
MANSÛRA	01	8	32	2	1	3	8	13.5	27.5	52	0	00	6	04	1	1	0	—	15.6	20.2	84	0	137
ṬANṬA	01	8	04	3	1	4	6	12.3	27.6	49	0	00	8	32	1	1	0	—	14.8	20.0	64	0	138
ZAGAZIG	01	6	04	3	1	4	8	13.1	28.2	55	0	00	6	32	2	0	0	—	15.2	20.6	78	0	139
SHEBÎN EL KÔM	01	8	01	0	1	4	8	13.9	30.3	43	0	00	7	04	2	0	0	—	14.6	19.8	82	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	01	8	04	3	1	4	8	12.5	28.2	37	0	00	7	03	3	0	1	6	14.9	21.9	58	0	141
CAIRO EZBEKÎYA	01	8	02	3	1	4	4	14.0	27.6	51	0	00	7	02	3	0	0	—	14.8	22.0	70	0	—
CAIRO GÎZA	01	7	30	1	1	4	4	14.6	26.9	50	0	00	7	04	1	0	0	—	14.0	23.1	65	0	—
ḤELWÂN	01	7	32	5	1	3	8	12.3	28.0	33	0	00	6	32	4	0	0	—	14.7	22.4	61	0	143
SUEZ	00	9	26	2	0	0	—		29.0	—	0	00	9	32	2	0	0	—		21.9	56	0	144
UPPER EGYPT																							
FAIYÛM	01	8	32	3	1	4	8	10.7	28.0	32	0	00	8	32	4	0	0	—	14.3	23.0	58	0	153
MINYA	01	9	32	2	1	3	2	11.4	28.3	48	0	00	9	32	2	1	0	—	12.4	21.8	61	0	154
ASYÛṬ	00	8	26	1	0	0	—	12.0	26.6	52	0	00	6	22	1	0	0	—	12.8	22.0	74	0	155
NAG' ḤAMÂDI	00	8	00	0	0	0	—	11.5	30.3	34	0	00	8	00	0	0	0	—	12.8	19.2	73	0	164
QENA	00	8	24	1	0	0	—	11.0	28.4	35	0	00	6	24	1	0	0	—	11.6	20.6	53	0	156
LUXOR	00	7	18	2	0	0	—	11.8	32.0	24	0	00	6	32	1	0	0	—	12.0	20.3	46	0	157
ASWÂN	00	9	00	0	0	0	—	10.8	33.6	19	0	00	9	00	0	0	0	—	11.1	30.0	21	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	—	16.4	29.3	39	0	00	—	00	0	0	0	—	16.0	20.0	57	0	148
BAḤARÎYA	—											00	—	00	0	0	0	—	15.9	18.0	71	0	149
KHÂRGA	00	9	32	1	0	0	—	12.3	29.0	28	0	00	9	32	1	0	0	—	13.8	24.2	33	0	151
DAKHLA	00	9	28	1	0	0	—	11.7	28.0	47	0	00	7	28	1	0	0	—	15.4	18.0	57	0	152
RED SEA																							
ṬÛR	00	7	28	3	0	0	—	12.0	27.2	63	0	00	7	00	0	0	0	—	11.5	26.2	76	0	145
HURGHÂDA	00	8	02	1	0	0	—	—	27.8	63	0	00	8	00	0	0	0	—	—	25.3	96	0	146
QUSEIR	00	8	06	2	1	0	—	10.8	30.0	61	0	00	8	02	2	0	0	—	10.7	25.2	82	0	147
PORT SÛDÂN	01	9	06	3	0	3	8	10	30	70													189
NORTH SÛDÂN																							
WÂDI ḤALFA	00	8	30	2	0	1	8	10	33	11													165
KAREIMA	01	8	06	1	1	4	8,4	8	34	25													166
'ATBARA	01	8	22	2	1	5	2	9	38	15													167
KHARTÛM	01	8	10	4	1	3	8	4	38	18													168
KASSALA	01	8	02	2	1	3	8,1	2	34	16													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	00	0	1	3	8	3	39	16													171
RENK																							182
ROSEIRES																							172
EL OBEID	01	9	02	2	1	5	8,4	2	36	20													174
EL FÂSHER	01	7	04	3	1	3	8,1	—	34	15													175
GENEINA																							179
KADUGLI																							187
S. SÛDÂN																							
MALAKÂL	01	8	16	1	1	4	8,4	3	34	56													176
WÂU	60	8	16	5	6	7	9,4	4	29	52													177
JUBA	01	8	04	1	1	4	8,1	5	33	47													178

UPPER WINDS ON 6th (الرياح العليا يوم ٦)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SAÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.
							13h. 30m			13h.	13h.	13h.	13h. 15m.
							09 32 20			09 36 10	09 04 15	09 21 10	09 08 05
							15 28 20			15 02 15	15 05 20	15 15 05	15 08 10
							21 22 20			27 04 15	21 05 20	21 12 05	18 10 15
							27 22 30			33 03 30	27 03 15	27 06 15	
							33 23 40				33 30 10	33 05 20	
							36 23 30				39 35 15	39 03 25	

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	7-11	3241	1715
	6-11	3241	1876

STATION	Mean of day HUMIDITY % on 6th	Diff from normal	WET BULB TEMP °C on 6th	Diff from normal
Alexandria	67	0	19.4	+1.2
Ezbekiya	68	0	19.1	+1.9
Giza	71	+1	18.3	+1.3
Helwân	65	+9	18.0	+2.2

GIZA — GRASS MINIMUM TEMP. ON 7th 11.8° C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 7th 22.2' C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	7-11	13.32	-0.57	13.35	-0.34
Nasser		11.27	+0.71	11.27	+0.70
Malakâl		12.88	+0.55	12.86	+0.53
J. Aulia Res.					
J. Aulia D.S					
Roseires		15.28	+0.74	15.28	+0.78
Sennar Res.		418.50	-	418.42	-
Khartûm		12.88	+0.26	13.00	+0.34
Kh. el Girba					
'Atbara		12.28	+0.44	12.34	+0.43
Kajnarti		137.76	+0.82	137.89	+0.81
Aswân Res.		117.42	—	117.24	—
Aswân D.S		88.34	+0.27	88.36	+0.17
Roda (Cairo)		17.26	-0.42	17.26	-0.49

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1946 — شهر نوفمبر

STATION	At 8h. on Thursday 7th (الساعة ٨ يوم الخميس ٧) PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	MAXIMUM Diff. from norm. °C	MINIMUM Today °C mm	MINIMUM Diff from norm. °C	HUMIDITY % UU	RAINFALL Past 24 hrs mms	RAINFALL Total From Oct. 1 mms	RAINFALL Norm From Oct 1 mms
MEDITERRANEAN																		
SALÛM											—		—					5
MATRÛH	00	9	20	1	5	0	—	17.0	-0.4	20.0	28	+3	15	-1	62	1	14	20
MARIUT	00	7	00	0	0	0	—	17	—	23	26	—	14	—	65	0	3	10
ALEXANDRIA	00	9	04	1	0	0	—	17.0	-0.8	23.6	27	+1	21	+3	64	0	3	12
DAMIETTA	00	8	30	2	0	0	—	16.2	-0.2	22.0	25	—	20	—	65	0	tr	9
PORT SA'ÎD	00	8	02	3	0	3	6	16.0	-0.3	24.9	28	+2	21	+3	62	0	4	5
EL 'ARÎSH	01	9	22	2	0	3	3	15.4	-1.1	22.8	26	0	17	+3	84	0	0	6
LOWER EGYPT																		
DAMANHÛR	00	7	08	2	0	0	—	17.1	-0.4	18.5	28	0	15	0	87	0	2	6
MANSÛRA	00	8	32	2	0	0	—	16.0	-0.7	20.6	29	+1	17	+2	76	0	tr	4
ṬANṬA	00	8	04	1	0	0	—	16.8	-0.8	20.9	28	0	13	-1	82	0	0	4
ZAGAZIG	00	6	32	1	0	0	—	16.4	-0.8	20.2	30	+2	16	+2	83	0	0	2
SHEBÎN EL KÔM	00	8	30	1	0	0	—	17.0	-0.4	17.8	31	—	15	—	91	0	0	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	06	2	1	3	6	16.4	-0.8	19.4	28	—	16	—	79	0	tr	—
CAIRO EZBEKÎYA	08	4	04	1	0	3	4	16.4	-0.8	21.0	29	+1	16	+1	79	0	tr	2
CAIRO GÎZA	00	7	04	2	0	0	—	16.6	-0.7	21.4	28	+1	15	+2	74	0	tr	3
ḤELWÂN	01	6	32	3	0	3	6,1	16.4	-1.1	20.0	28	+1	18	+2	78	0	0	1
SUEZ	00	9	00	0	0	0	—			21.8	29	+1	16	-1	53	0	tr	3
UPPER EGYPT																		
FAIYÛM	01	8	02	2	1	4	3	16.4	-0.6	18.5	29	0	16	+2	85	0	tr	0
MINYA	00	9	30	3	0	0	—	15.8	-1.2	20.3	29	+2	17	+2	84	0	tr	—
ASYÛṬ	00	7	26	1	0	0	—	15.5	-1.2	19.7	30	+2	16	+1	68	0	0	0
NAG' ḤAMÂDI	00	8	00	0	0	0	—	14.3	-1.4	20.8	31	—	13	—	69	0	0	—
QENA	00	7	22	2	0	0	—	13.9	-1.4	21.6	30	-2	15	0	69	0	0	—
LUXOR	00	7	28	2	0	0	—	13.8	-1.5	23.0	33	+1	14	—	38	0	0	—
ASWÂN	00	9	00	0	0	0	—	13.1	-1.8	24.2	34	+1	17	-1	38	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	17.9	-0.7	17.8	30	+1	12	+1	72	0	0	0
BAḤARÎYA	00	9	00	0	0	0	—	17.8	-0.1	19.0	29	+1	14	+1	72	0	0	0
KHÂRGA	00	9	32	1	0	0	—	14.2	-1.9	21.2	30	0	16	+1	52	0	0	—
DÂKHLA	00	8	28	1	0	0	—	15.8	-1.3	22.0	29	-1	16	+2	50	0	0	—
RED SEA																		
ṬÛR	00	7	00	0	0	0	—	12.7	-2.5	18.8	29	+2	17	0	71	0	0	1
HURGHÂDA	00	8	28	3	0	0	—	—	—	23.6	29	0	16	-1	56	0	0	0
QUSEIR	00	8	30	2	0	0	—	12.0	-2.8	24.2	31	+2	21	0	59	0	0	1
PORT SÛDÂN																0	29	22
NORTH SÛDÂN																		
WÂDI ḤALFA																0	0	—
KAREIMA																0	tr	1
'ATBARA																0	tr	2
KHARTÛM																0	2	4
KASSALA																0	1	8
CENTRAL SÛDÂN																		
WAD MEDANI																0	15	11
RENK											—		—			—	—	45
ROSEIRES																0	21	32
EL OBEID																0	69	16
EL FÂSHER								—	—							0	4	6
GENEINA								—	—		—		—			—	—	41
KADUGLI											—		—			—	—	84
S. SÛDÂN																		
MALAKÂL																11	112	79
WÂU																5	143	134
JUBA																0	155	106

UPPER WINDS ON 7th (الرياح العليا يوم ٧)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SAÎD h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛṬ h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI HALFA h. m.	ABU HAMAD h. m.	KAREIMA h. m.	KHARTÛM h. m.
	6h. 30m.	6h. 45m.									
	02 01 15	03 35 20									
	06 36 20	06 35 20									
	09 36 45	09 01 15									
	12 36 25	12 36 10									
	15 32 35	15 32 15									
	18 32 30										
	24 33 40										
	30 32 30										
	36 30 25										

KASSALA h. m.	PORT SÛDÂN h. m.	EL OBEID h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL h. m.

CYPRUS SYNOPTIC 8h. ON 7th

34800	01890	26212	15181	39205	00130
34700	00990	00000	14717	XXXXX	00XXX

UPPER AIR TEMP. ALMÂZA AT 6h G.M.T ON 7th

HEIGHT FEET	P.P.P m.b.	T.T °F	t.t °F
Surface	1006	63	62
500	989	66	62
1000	970	65	62
1500	952	63	60
2000	935	60	59
4000	869	56	46
6000	806	55	39
8000	707	45	36
10000	692	36	27
12000	640	29	24
14000	591	19	17
16000			

ANNUAL SUBSCRIPTION P.T. 150

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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.

Sunset 17 03

Month November 1946

DAILY WEATHER REPORT

١٩٤٦ شهر نوفمبر

At 14h. on Thursday 7th — الساعة ١٤ يوم الخميس ٧/١١

STATION	PRESENT WEATHER (ww)	VISIBILITY (V)	WIND Dir. (DD)	WIND Force (F)	PAST WEATHER (W)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESS M.S.L. 1000+ mbs. (PPP)	TEMP. °C (TTT)	HUMIDITY % (UU)	RAIN 8-14 mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	9	04	2	0	0	—	15.5	24.0	59	0	131
MARIUT	00	8	30	2	0	2	6	16	25	58	0	150
ALEXANDRIA	01	9	04	2	1	3	8	15.9	23.8	54	0	132
DAMIETTA	01	8	28	3	1	4	8	14.7	23.2	59	0	159
PORT SA'ID	01	8	30	3	1	3	8	15.2	24.3	58	0	134
EL 'ARÎSH	02	9	32	3	1	5	3	14.4	24.6	65	0	135
LOWER EGYPT												
DAMANHÛR	01	7	04	3	1	4	8	15.8	25.8	49	0	136
MANSÛRA	01	8	32	2	1	3	8	15.2	26.5	48	0	137
TANTA	00	8	00	0	0	0	—	14.0	26.4	53	0	138
ZAGAZIG	00	6	32	3	0	0	—	15.1	26.2	49	0	139
SHEBÎN EL KÔM	00	8	02	3	0	0	—	14.7	28.2	33	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	00	8	04	3	0	0	—	15	27	33	0	141
CAIRO EZBEKÎYA	00	8	02	3	0	0	—	14.6	26.9	45	0	—
CAIRO GÎZA	00	8	32	1	0	0	—	14.6	26.4	45	0	—
HELWÂN	00	8	30	4	0	0	—	14.0	25.9	32	0	143
SUEZ	00	9	02	2	0	0	—	—	25.1	—	0	144
UPPER EGYPT												
FAIYÛM	00	8	32	3	0	0	—	13.9	27.0	33	0	153
MINYA	00	9	04	4	0	0	—	12.4	27.6	43	0	154
ASYÛT	00	8	28	1	0	0	—	12.2	29.2	33	0	155
NAG HAMÂDI	00	8	00	0	0	0	—	10.8	29.1	51	0	164
QENA	00	8	24	1	0	0	—	9.8	29.0	37	0	156
LUXOR	00	7	22	2	0	0	—	10.7	32.5	34	0	157
ASWÂN	00	9	32	1	0	0	—	9.8	32.3	18	0	158
WESTERN DESERT												
SÎWA	00	8	00	0	0	0	—	16.8	29.2	45	0	148
BAHARÎYA	00	9	00	0	0	0	—	15.6	25.5	48	0	149
KHÂRGA	00	9	32	1	0	0	—	13.5	29.0	24	0	151
DAKHLA	00	9	28	1	0	0	—	13.7	28.2	45	0	152
RED SEA												
TÛR	00	7	28	3	0	0	—	11.2	26.7	57	0	145
HURGHADA	00	8	32	4	0	0	—	—	27.6	44	0	146
QUSEIR	00	8	32	2	0	0	—	10.8	29.3	56	0	147
PORT SUDÂN												169
NORTH SUDAN												
WADI HALFA												165
KAREIMA												166
'ATBARA												167
KHARTÛM												168
KASSALA												170
CENTRAL SUDAN												
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FASHER												175
GENEINA												179
KADUGLI												187
S. SUDAN												
MALAKÂL												176
WÂU												177
JUBA												178

At 20h. on 7th — الساعة ٢٠ يوم الخميس ٧

STATION	PRESENT WEATHER (ww)	VISIBILITY (V)	WIND Dir. (DD)	WIND Force (F)	PAST WEATHER (W)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESS M.S.L. 1000+ mbs. (PPP)	TEMP. °C (TTT)	HUMIDITY % (UU)	RAIN 14-20 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	8	00	0	0	0	—	16.4	20.0	81	0
MARIUT	00	7	00	0	0	0	—	17	18	88	0
ALEXANDRIA	01	6	04	2	1	4	4	17.1	22.0	68	0
DAMIETTA	00	8	28	2	1	3	2	15.8	20.5	70	0
PORT SA'ID	01	8	32	3	1	3	8	16.6	21.3	67	0
EL 'ARÎSH	01	9	32	4	0	4	3	15.4	22.9	74	0
LOWER EGYPT											
DAMANHÛR	00	7	32	2	1	0	—	17.1	19.5	72	0
MANSÛRA	00	6	04	1	1	0	—	16.3	19.0	79	0
TANTA	00	8	32	1	0	0	—	15.0	20.2	73	0
ZAGAZIG	00	6	32	2	0	0	—	16.3	20.2	74	0
SHEBÎN EL KÔM	00	7	02	2	0	0	—	15.9	19.4	71	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	7	04	1	0	0	—	16.0	21.3	59	0
CAIRO EZBEKÎYA	00	7	02	2	0	0	—	16.4	20.8	62	0
CAIRO GÎZA	00	8	02	1	0	0	—	16.7	20.4	65	0
HELWÂN	00	7	02	4	0	0	—	15.8	21.0	57	0
SUEZ	00	9	00	0	0	0	—	—	20.4	—	0
UPPER EGYPT											
FAIYÛM	00	8	32	1	0	0	—	15.1	21.3	55	0
MINYA	00	9	32	2	0	0	—	14.0	21.2	62	0
ASYÛT	00	6	28	1	0	0	—	13.6	22.9	67	0
NAG HAMÂDI	00	8	00	0	0	0	—	11.6	21.6	60	0
QENA	00	6	28	3	0	0	—	11.3	23.4	58	0
LUXOR	00	6	32	1	0	0	—	11.2	24.2	38	0
ASWÂN	00	9	00	0	0	0	—	10.8	27.0	34	0
WESTERN DESERT											
SÎWA	00	5	00	0	0	0	—	16.3	22.4	56	0
BAHARÎYA											
KHÂRGA	00	9	32	1	0	0	—	13.4	26.3	30	0
DAKHLA	00	7	29	2	0	0	—	16.3?	21.0	57	0
RED SEA											
TÛR	00	7	28	3	0	0	—	12.7	25.5	60	0
HURGHADA	00	8	28	3	0	0	—	—	24.8	49	0
QUSEIR	00	8	32	2	0	0	—	10.4	25.0	68	0
PORT SUDÂN											
NORTH SUDAN											
WADI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SUDAN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FASHER											
GENEINA											
KADUGLI											
S. SUDAN											
MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 7th — الرياح العليا يوم ٧

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SAID	ALMÂZA	MINYA	LUXOR	HURGHADA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
	12 30	12 40		12 45	12 30								
	03 34 10	03 35 15		03 01 35	03 36 05								
	06 35 10	06 35 15		06 01 35	06 30 05								
	09 32 10	09 34 10		09 01 35	09 03 05								
	15 33 40	15 30 15		15 36 25	15 02 15								
	18 34 45	21 34 15		21 35 30	21 01 10								

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

	DATE	1946	1945
Discharges at Aswan measured by sluices m³ per sec.	8 - 11	3241	1579
	7 - 11	3241	1715

STATION	Mean of day: HUMIDITY % on 7th	Diff. from normal	WET BULB TEMP. °C on 7th	Diff. from normal	Previous day: HUMIDITY %	Diff. from normal	WET BULB TEMP. °C	Diff. from normal
Alexandria	57	-10	17.9	-0.1				
Ezbekiya	63	-5	18.1	+1.0				
Giza	63	-7	17.9	-1.1				
Helwân	63	+7	16.7	+0.9				
GIZA	GRASS MINIMUM TEMP. ON 8th		9.2°	°C				
CAIRO	WATER TEMP. RIVER NILE ON 8th		21.9°	°C				

GAUGE	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	11			13.32	-0.37
Nâsser		11.26	+0.70	11.27	+0.71
Malakâl		12.88	+0.55	12.88	+0.55
J. Aulia Res.					
J. Aulia D.S					
Roseires		15.26	+0.79	15.28	+0.74
Sennar Res.		418.61	—	418.50	—
Khartûm		12.84	+0.26	12.88	+0.26
Kh. el Girba					
Atbara		12.26	+0.04	12.28	+0.41
Kajnarti		137.62	+0.77	137.76	+0.82
Aswân Res.		117.57	—	117.42	—
Aswân D.S		88.35	+0.42	88.34	+0.27
Roda (Cairo)		17.21	-0.40	17.26	-0.42

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on Friday 8th — الساعة ٨ يوم الجمعة ٨

STATION	PRESENT WEATHER (ww)	VISIBILITY (V)	WIND Dir. (DD)	WIND Force (F)	PAST WEATHER (W)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESSURE M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C (TTT)	Maximum Yesterday °C (MM)	Diff. from norm. °C	Minimum Today °C (mm)	Diff. from norm. °C	HUMIDITY % (UU)	RAINFALL Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct. 1 mms
MEDITERRANEAN																		
SALÛM													—	—				6
MATRÛH	00	9	18	3	0	0	4	15.9	-1.5	20.4	26	+1	16	0	64	0	14	21
MARIUT	00	7	00	0	0	8	4	17		21	26	—	14	—	78	0	3	11
ALEXANDRIA	00	9	00	0	0	0	—	17.2	-0.6	23.0	27	+1	20	+2	62	0	3	13
DAMIETTA	01	8	22	2	1	3	8	16.0	-0.5	21.7	24	—	17	—	76	0	tr	9
PORT SA'ID	00	8	02	3	0	3	4	16.4	0.0	23.8	28	+2	20	+2	57	0	4	6
EL 'ARÎSH	01	9	00	0	0	3	3	15.8	-0.7	19.5	27	+1	17	+2	84	0	0	7
LOWER EGYPT																		
DAMANHÛR	00	7	03	2	0	0	—	17.1	-0.5	18.8	26	-1	15	0	85	0	2	7
MANSÛRA	00	8	02	1	0	0	—	16.2	-0.6	20.0	27	0	16	+1	72	0	tr	4
TANTA	00	8	32	1	0	0	—	17.1	-0.6	20.5	27	-1			77	0	0	4
ZAGAZIG	00	6	02	2	0	0	—	17.2	-0.1	21.2	27	+1	15	+1	73	0	0	2
SHEBÎN EL KÔM	00	8	04	2	0	0	—	16.8	-0.6	17.6	30	—	14	—	83	0	0	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	05	2	0	0	—	16.0	-1.2	18.3	28		15	—	74	0	tr	—
CAIRO EZBEKÎYA	01	5	04	2	0	0	—	16.4	-0.8	18.9	28	+1	15	0	75	0	tr	2
CAIRO GÎZA	01	5	30	2	0	0	—	16.3	-1.0	20.6	27	0	12	-1	80	0	tr	0
HELWÂN	00	6	02	4	0	0	—	15.9	-1.6	19.7	26	-1	17	-2	68	0	0	1
SUEZ	00	7	00	0	0	0	—										tr	3
UPPER EGYPT																		
FAIYÛM	00	7	32	3	0	0	—	15.4	-1.2	17.2	27	-1	15	+1	72	0	tr	0
MINYA	00	7	32	2	0	0	—	15.0	-2.1	17.6	28	+1	16	+2	72	0	tr	—
ASYÛT	00	7	22	1	0	0	—	14.7	-2.0	18.6	30	+2	15	+1	75	0	0	0
NAG HAMÂDI	00	8	00	0	0	0	—	14.0	-1.8	20.8	30	—	15	—	65	0	0	—
QENA	00	7	22	2	0	0	—	13.2	-2.2	22.0	30	-2	15	0	60	0	0	—
LUXOR	00	7	28	1	0	0	—	12.5	-1.9	25.0	34	+2	15	-1	34	0	0	—
ASWÂN	00	9	32	2	0	0	—	12.2	-2.0	21.5	33	0	17	-1	44	0	0	—
WESTERN DESERT																		
SÎWA	00	8	00	0	0	0	—	18.0	-0.6	12.5	30	+1	11	0	68	0	0	0
BAHARÎYA																	0	0
KHÂRGA	00	9	32	1	0	0	—	12.8	-2.4	21.5	31	+1	17	+2	56	0	1	—
DAKHLA	00	8	28	1	0	0	—	18.2	-1.0	20.0	30	0	16	+2	66	0	0	—
RED SEA																		
TÛR	00	7	00	0	0	0	—	13.0	-1.8	20.3	27	0	16	0	60	0	0	1
HURGHADA	00	8	28	3	0	0	—			22.2	28	0	18	+1	57	0	0	0
QUSEIR	00	8	28	2	0	0	—	11.6?	-3.3	24.5	30	+2	22	+1	57	0	0	1
PORT SÛDÂN	00	9	00	0	1	2	8,1	11		27					70	0	29	23
NORTH SUDAN																		
WÂDI HALFA	01	8	02	1	0	3	1	13		20					41	0	0	—
KAREIMA	01	8	00	0	1	4	1	14		22					31	0	tr	1
'ATBARA	01	8	32	4	1	4	1	16		26					48	0	tr	2
KHARTÛM	01	8	32	3	1	4	4,1	10		27					13	0	2	4
KASSALA																0	1	8
CENTRAL SUDAN																		
WAD MEDANI	00	9	04	4	0	2	1	9		27					23	0	15	11
RENK													—	—		—	—	45
ROSEIRES																0	21	32
EL OBEID	01	7	32	4	0	4	4,1	10		28					12	0	69	16
EL FÂSHER	02	7	00	0	1	6	2	—	—	21					31	0	4	6
GENEINA								—	—				—	—		—	—	4
KADUGLI																—	—	84
S. SUDAN																		
MALAKÂL																0	112	10
WÂU																0	443	134
JUBA																0	155	107

UPPER WINDS ON — الرياح العليا يوم

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SAID	HELWÂN	MINYA	ASYÛT	LUXOR	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	7 h. m.	6 h. 45 m.	h. m.	6 h. 45 m.	h. m.	6 h. 30 m.	7 h. 15 m.	h. m.	7 h. m.	6 h. m.
	03 04 10	03 02 15		06 03 25		03 01 15	09 03 20		09 01 25	09 02 40
	06 05 15	06 03 15		09 03 25		06 03 10	15 36 30		15 01 10	21 32 25
	09 03 25	09 04 15		15 04 20		09 07 15	21 32 10		21 37 15	24 30 05
	15 01 40	15 03 20		21 03 10		15 10 10	27 31 15		27 22 25	27 27 10
	21 36 10	21 06 05		30 04 10		21 10 15	33 28 15		30 20 20	30 27 10
	27 30 05	30 15 20		36 30 05		30 17 15	39 25 15			
	30 01 25	39 22 03				33 18 05				
	33 36 20									
	45 36 30									

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. m.	7 h. m.	7 h. m.	7 h. 15 m.	7 h. m.	7 h. m.
09 03 30	09 12 35	09 02 45	09 04 45	09 01 25	09 26 20
15 01 00	15 18 25	15 03 45	15 07 15	15 11 25	15 36 20
21 36 25	21 19 25	21 03 30	18 11 15	21 16 15	21 09 30
27 29 30		27 05 30		27 13 05	27 33 15
33 25 20		33 10 15		33 15 05	39 36 20
36 24 25		39 09 15		39 30 20	
		45 06 20			
		51 04 10			

UPPER AIR TEMP. ALMÂZA AT 6½ G.M.T. ON 8th

HEIGHT feet	P.P.P. m.b.	T.T. °C	t.t. °C
Surface	1006	62	58
500	988	66	60
1000	970	64	57
1500	952	62	57
2000	935	59	56
4000	869	56	46
6000	806	53	37.5
8000	747	45	33
10000	692	38	27
12000	640	29.5	24
14000	591	21	18
16000			

CYPRUS SYNOPTIC 8h. ON 8th

34200	00990	02210	16181	10407	00140	
34800	00990	22200	17161	20305	00120	

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.

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	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
" Snow	83, 84
" Sleet	85, 86
" Hail	88, 89
Thunderstorm	90-99
" without Rain	91
" with Rain	94-98
" with Duststorm	98
" with Hail	99

PRESENT 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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

ANNUAL SUBSCRIPTION P.T. 150

Sunset 17 03

Month *November* 1946 — DAILY WEATHER REPORT — شهر نوفمبر ١٩٤٦

At 14h. on Friday 8th (الساعة ١٤ يوم ٨/١١) and At 20h. on 8th (الساعة ٢٠ يوم الجمعة ٨)

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20 mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	10	3	0	0	—	15.5	29.0	40	0	00	8	12	2	0	0	—	15.0	20.8	77	0	131
MARIUT	00	8	32	2	0	0	—	15	25	58	0	00	7	03	1	0	0	—	15	19	86	0	150
ALEXANDRIA	00	9	04	2	0	0	—	15.0	23.3	63	0	01	6	04	2	1	4	4	16.2	20.8	70	0	132
DAMIETTA	00	8	02	3	1	2	8	14.6	22.9	61	0	01	8	02	3	1	3	8	14.6	20.8	75	0	159
PORT SA'ÎD	00	8	02	3	0	2	4	14.6	24.2	62	0	11	8	12	3	1	3	6	15.0	22.0	72	0	134
EL 'ARÎSH	00	9	31	3	0	2	3	13.9	24.8	61	0	02	9	32	3	0	6	3	14.2	22.8	77	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	04	3	0	0	—	15.0	26.0	48	0	00	7	04	3	0	0	—	15.8	19.0	81	0	136
MANSÛRA	00	8	04	2	0	0	—	14.7	27.0	49	0	00	8	32	2	0	0	—	15.2	19.0	85	0	137
TANTA	00	8	32	3	0	0	—	14.9	27.0	46	0	00	8	32	1	0	0	—	14.2	19.7	80	0	138
ZAGAZIG	30	6	02	3	0	0	—	14.7	26.8	45	0	00	6	02	2	0	0	—	15.1	19.9	85	0	139
SHEBÎN EL KÔM	00	8	04	3	0	0	—	14.8	28.2	42	0	00	7	02	2	0	0	—	15.6	19.9	73	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	04	3	0	0	—	13.2	26.7	39	0	00	7	06	2	0	0	—	13.5	20.8	68	0	141
CAIRO EZBEKÎYA	00	9	32	4	0	0	—	12.8	26.5	47	0	00	7	02	2	0	0	—	14.2	21.1	65	0	—
CAIRO GÎZA	00	7	02	2	0	0	—	13.2	26.5	48	0	00	8	04	1	0	0	—	14.8	20.2	71	0	—
HELWÂN	00	8	02	4	0	0	—	13.0	26.0	36	0	00	7	04	5	0	0	—	13.8	20.7	64	0	143
SUEZ	00	9	02	2	0	0	—	—	26.0	—	0	00	9	00	0	0	0	—	—	19.5	—	0	144
UPPER EGYPT																							
FAIYÛM	00	8	32	3	0	0	—	12.3	27.0	36	0	00	8	32	1	0	0	—	13.9	21.0	57	0	153
MINYA	00	9	30	3	0	0	—	11.8	27.3	44	0	00	9	32	2	0	0	—	12.2	21.6	62	0	154
ASYÛT	00	6	22	1	0	0	—	11.6	27.4	47	0	00	6	20	1	0	0	—	12.3	20.8	61	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	10.3	28.3	45	0	00	8	00	0	0	0	—	11.8	21.8	61	0	164
QENA	00	8	24	1	0	0	—	9.4	27.6	47	0	00	6	22	2	0	0	—	10.0	22.4	65	0	156
LUXOR	00	7	30	2	0	0	—	10.2	31.5	35	0	00	6	28	1	0	0	—	10.7	23.5	35	0	157
ASWÂN	00	9	20	1	0	0	—	8.4	32.6	22	0	00	9	00	0	0	0	—	9.9	26.8	33	0	158
WESTERN DESERT																							
SÎWA	00	8	04	2	0	0	—	16.0	29.5	43	0	00	—	00	0	0	0	—	15.2	21.3	75	0	148
BAHARÎYA												00	—	00	0	0	0	—	16.5	19.0	63	0	149
KHÂRGA	00	9	32	1	0	0	—	12.0	29.0	33	0	00	9	32	1	0	0	—	12.7	20.5	51	0	151
DAKHLA	00	9	28	1	0	0	—	13.0	28.5	45	0	00	7	28	2	0	0	—	14.9	19.8	65	0	152
RED SEA																							
TÔR	00	7	28	3	0	0	—	11.6	26.8	64	0	00	7	28	3	0	0	—	11.1	25.7	73	0	145
HURGHÂDA	00	8	02	3	0	0	—	—	26.9	46	0	00	8	30	1	0	0	—	—	24.2	60	0	146
QUSEIR	00	8	02	2	0	0	—	10.3	28.2	64	0	00	8	32	2	0	0	—	10.2	24.4	74	0	147
PORT SÛDÂN	01	9	08	1	1	4	8,1	8	31	66	0												248
NORTH SÛDÂN																							
WÂDI HALFA	00	8	28	3	0	1	1	10	31	16													165
KAREIMA	00	8	28	3	1	3	2	8	33	20													166
'ATBARA	01	8	02	3	1	3	4	5	35	18													167
KHARTÛM	01	8	32	3	1	3	1	6	36	07													249
KASSALA	01	8	30	2	1	4	2	2	38	15													170
CENTRAL SÛDÂN																							
WAD MEDANI	00	8	32	3	0	3	8	4	31	33													171
RENK	01	9	20	3	1	4	8		37	35													182
ROSEIRES	01	8	00	0	1	4	8		36	27													172
EL OBEID	02	9	32	4	1	5	2	5	34	09													174
EL FÂSHER	01	9	04	1	1	4	8,2	—	34	12													175
GENEINA	01	8	16	2	1	4	8,1	—	34	18													179
KADUGLI	01	8	04	4	1	4	1	5	36	13													187
S. SÛDÂN																							
MALAKÂL	02	8	28	1	1	5	8,2	5	33	47													176
WÂU	02	8	00	0	1	5	8	5	28	55													177
JUBA	02	8	10	1	6	5	8	5	33	47													178

Upper Winds on 8th (الرياح العليا يوم ٨)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT 12h. 45m.	PORT SA'ÎD 13h.	ALMÂZA 13h.	MINYA 12h. 45m.	LUXOR 12h. 30m.	HURGHÂDA h. m.	WÂDI HALFA 13h. 15m.	KAREIMA 13h.	KHARTÛM 13h. 15m.	KASSALA 13h.	EL OBEID 13h.	MALAKAL 13h.	JUBA 13h.
	03 06 10	03 03 25	03 03 30	03 35 15	03 03 05		09 24 15	09 31 15	09 25 25	09 26 15	09 01 30	09 36 05	09 11 10
	06 04 05	06 03 25	06 03 25	06 03 45	06 15 10		15 20 15	15 31 25	15 01 30	15 01 30	15 02 30	15 02 05	15 11 15
	09 03 15	09 03 25	09 04 30	09 06 05	09 18 05		21 28 10	21 30 25	21 01 25	21 35 45	21 03 20	21 06 10	21 11 25
	15 03 45	15 30 05	12 04 30	15 15 05	12 18 05		27 28 10	27 31 25		27 35 30	27 02 30	27 05 10	27 08 15
	21 03 40	18 16 05	15 08 10	21 17 15	15 16 05		33 25 30	33 32 30			33 04 15	33 05 15	
	27 04 40	21 14 05	18 12 15	27 12 05	18 14 10		39 27 30	39 31 35			39 07 10		
	30 04 25	27 17 25	21 13 15	30 06 05	21 14 10								
		30 17 30	24 24 25		27 20 10								
			30 15 10		30 22 20								

At 8h. on Saturday 9th (الساعة ٨ يوم السبت ٩)

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C	Max Diff. from norm. °C	Minimum Today °C	Min Diff. from norm. °C	% Humidity	Rainfall Past 24 hrs mms	Total From Oct. 1 mms.	Norm From Oct. 1 mms.
MEDITERRANEAN																		
SALÛM												—		—				6
MATRÛH	01	9	16	3	0	4	8	14.8	-2.7	19.4			16	0	72	0	14	22
MARIUT	00	7	00	0	0	1	6	16	—	21	26	—	13	—	83	0	3	12
ALEXANDRIA	02	8	00	0	2	5	4	15.9	-2.0	22.2	28	+2	20	+2	70	0	3	14
DAMIETTA	01	8	02	2	1	3	8	14.6	-1.9	22.5	24	—	19	—	74	0	dr	10
PORT SA'ÎD	01	8	30	3	1	4	6	14.8	-1.6	24.4	27	+1	21	+3	75	0	4	6
EL 'ARÎSH	00	9	20	2	0	3	3	13.9	-2.7	21.2	26	0	18	+4	83	0	0	7
LOWER EGYPT																		
DAMANHÛR	09	7	04	2	0	0	—	17.1	-0.6	17.2	27	0	15	0	92	0	2	7
MANSÛRA	01	8	04	2	1	3	8	15.2	-1.6	20.8	27	0	17	+2	82	0	dr	4
TANTA	00	8	30	1	0	0	—	16.0	-1.7	17.6	27	0	13	0	91	0	0	4
ZAGAZIG	01	6	24	2	1	4	8	15.1	-2.2	19.2	28	0	15	+2	87	0	0	3
SHEBÎN EL KÔM	00	8	02	1	0	0	—	15.5	-1.9	17.2	30	—	15	—	90	0	dr	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	00	0	2	3	4	15.0	-2.2	18.8	27	—	14	—	68	0	dr	—
CAIRO EZBEKÎYA	09	5	02	1	1	2	4	15.4	-1.8	19.7	28	+1	15	0	79	0	dr	2
CAIRO GÎZA	09	6	02	1	0	2	8	15.2	-2.2	18.5	27	0	14	+1	83	0	dr	3
HELWÂN	09	6	32	1	0	2	8	15.0	-2.6	19.0	26	0	16	+1	83	0	0	1
SUEZ	00	9	00	0	0	0	—	—	—	20.3	30	+2	18	+2	—	0	dr	3
UPPER EGYPT																		
FAIYÛM	00	8	32	2	0	0	—	15.2	-1.9	18.8	27	-1	15	+1	81	0	dr	0
MINYA	01	8	32	1	1	3	8	15.0	-2.1	19.9	27	0	16	+2	76	0	dr	—
ASYÛT	00	6	20	1	0	0	—	14.8	-2.0	18.5	29	+1	15	+1	76	0	0	0
NAG' HAMÂDI	00	8	00	0	0	0	—	13.9	-2.0	19.0	30	—	14	—	75	0	0	—
QENA	00	7	24	2	0	3	1	13.2	-2.3	19.2	30	-2	16	+1	73	0	0	—
LUXOR	00	7	28	2	0	0	—	14.2	-1.2	24.4	34	+2	16	+2	31	0	0	—
ASWÂN	00	9	32	2	0	0	—	13.0	-2.1	22.6	35	+3	19	+1	45	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	15.8	-2.8	17.2	30	+2	12	+1	72	0	0	0
BAHARÎYA	00	9	00	0	0	0	—	16.4	-1.5	20.0	29	+2	15	+2	64	0	0	1
KHÂRGA	00	9	08	1	0	0	—	14.4	-1.9	17.0	30	0	13	-1	72	0	0	—
DÂKHLA	00	8	28	1	0	0	—	16.3	-0.9	19.0	29	-1	14	0	63	0	0	—
RED SEA																		
TÔR	00	7	04	2	0	0	—	12.8	-2.5	17.8	27	0	16	+1	66	0	0	1
HURGHÂDA	00	8	28	2	0	0	—	—	—	23.1	28	0	16	-1	54	0	0	1
QUSEIR	00	8	30	3	0	0	—	11.8	-3.2	23.6	30	+2	21	0	62	0	0	1
PORT SÛDÂN	01	8	30	2	1	3	6	10		29					70	0	29	25
NORTH SÛDÂN																		
WÂDI HALFA	00	8	30	2	0	0	—	15		18					37	0	0	—
KAREIMA	01	8	32	2	1	4	1	13		21					33	0	dr	1
'ATBARA	01	8	28	4	1	4	1	11		25					26	0	dr	2
KHARTÛM	00	8	02	4	0	1	1	11		26					21	0	2	4
KASSALA	00	8	30	1	0	0	—	9		27					33	0	1	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	32	3	0	2	1	11		26					18	0	15	11
RENK	00	9	20	3	0	0	—	10		24		—		—	36.	—	—	45
ROSEIRES	00	8	24	1	0	0	—	11		24					57	0	21	32
EL OBEID	01	9	32	4	1	4	2	11		24					22	0	69	16
EL FÂSHER	02	9	32	3	1	6	2	—	—	22					25	0	4	6
GENEINA												—		—			—	4
KADUGLI	01	8	12	3	1	4	1	11		26		—		—	45	—	—	24
S. SÛDÂN																		
MALAKÂL	00	8	02	3	0	3	4,1	11		27					62	0	112	80
WÂU	02	8	20	1	1	6	4,2	11		30					40	1	144	135
JUBA	02	8	14	2	1	6	8,4	12		22					94	dr	155	108

Upper Winds on 9th (الرياح العليا يوم ٩)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour

MATRÛH h. m.	MARIUT 7h.	PORT SA'ÎD 6h. 30m.	HELWÂN 9h. 15m.	MINYA 7h.	ASYÛT 7h.	LUXOR h. m.	ASWÂN 7h.	WÂDI HALFA 7h. 15m.	ABU HAMAD 7h. 15m.	KAREIMA 7h.	KHARTÛM 6h. 30m.
	03 05 05	03 02 20	03 03 15	03 01 35	03 31 15		02 36 10	09 36 35	09 35 40	09 34 40	09 35 50
	06 04 10	06 03 20	05 05 15	06 35 15	05 34 20		05 04 15	15 32 25	15 36 30	15 31 20	15 34 55
	09 01 15	09 04 25	08 06 35	09 31 45			10 05 15	24 31 15	21 32 10	21 31 30	21 24 30
	12 35 20	12 04 20	09 06 45	12 33 10			15 02 05	27 31 25	27 31 15	27 30 30	27 28 20
	15 01 15			15 34 10			20 09 05	33 33 30		33 27 35	33 25 20
	21 17 15			18 14 05			25 04 01	39 35 25		39 25 15	39 30 25
	30 23 05			24 36 10			30 29 05				
	39 30 20			33 32 10							
	51 36 30			36 35 05							

KASSALA 7h. 30m.	PORT SÛDÂN 6h. 30m.	EL OBEID 7h.	EL FÂSHER 7h.	GENEINA h. m.	MALAKAL 7h.
09 35 20	09 12 30	09 01 35	09 03 15		09 02 20
15 03 15	15 13 35	15 01 45	15 06 50		15 03 30
21 06 15	21 17 30	21 01 30	21 06 30		21 03 30
27 08 20	27 30 30	27 05 15	27 07 10		27 05 35
	33 23 35	39 10 25	36 29 10		30 04 20
	39 25 45				

UPPER AIR TEMP. ALMÂZA AT 6h G.M.T. ON 9th

HEIGHT feet	P.P.P m.b.	TT °F	tt °F
Surface	1006	60	58
500	989	62	61
1000	970	65	62
1500	952	62	60
2000	935	61	60
4000	869	61	51
6000	806	53	44
8000	747	44	36
10000	692	37	30
12000	640	30	25
14000	591	21	21
16000			

CYPRUS SYNOPTIC 8h. ON 9th

34700 00990 00000 15170 70402 00130.

34803 00991 20102 17180 52701 00170.

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time.

Mean of day

Station	Humidity % on 8th	Diff from normal	Wet bulb temp °C on 8th	Diff from normal
Alexandria	62	-5	18.3	+0.4
Ezbekiya	63	-5	17.7	+0.7
Giza	69	-1	18.2	+1.5
Halwân	61	+5	16.6	+0.9

GIZA — GRASS MINIMUM TEMP. ON 9th 11.4 °C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 9th 21.7 °C

Discharges at Aswan measured by sluices m³ per sec. DATE	1946	1945
9-11	3241	1505
8-11	3241	1579

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	9 — 11				
Nâsser				11.26	+0.70
Malakâl		12.89	+0.57	12.88	+0.55
J. Aulia Res.					
J. Aulia D.S					
Roseires		15.24	+0.81	15.26	+0.79
Sennar Res.				18.61	—
Khartûm				12.84	+0.26
Kh. el Girba					
'Atbara		12.22	+0.43	12.26	+0.44
Kajnarti				137.62	+0.77
Aswân Res.		117.70	—	117.57	—
Aswân D.S		88.34	+0.52	88.35	+0.42
Roda (Cairo)		17.19	-0.36	17.21	-0.40

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	[illegible]

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.

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

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ANNUAL SUBSCRIPTION P.T. 150

Sunset 17 02

Month NOVEMBER 1946

DAILY WEATHER REPORT

شهر نوفمبر ١٩٤٦

At 14h. on Saturday 9th — الساعة ١٤ يوم ٩

STATION	PRESENT WEATHER (WW)	VISIBILITY (V)	WIND Dir. (DD)	WIND Force (F)	PAST WEATHER (W)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESS M.S.L. 1000+ mbs. (PPP)	°C TEMP. (TTT)	% HUMIDITY (UU)	RAIN 8-14 mms	STATION NUMBER
MEDITERRANEAN — SALÛM												130
MATRÛH	01	9	16	1	1	3	8	13.1	29.1	30	0	131
MARIUT	01	8	30	2	0	3	8	14	24	65	0	150
ALEXANDRIA	01	9	04	1	2	3	4	14.2	24.0	64	0	132
DAMIETTA	01	8	30	3	1	4	8	13.5	23.9	64	0	159
PORT SA'ID	01	8	30	3	0	3	8	13.1	25.0	70	0	134
EL 'ARÎSH	00	9	32	2	0	0	—	12.6	25.4	72	0	135
LOWER EGYPT — DAMANHÛR	01	7	32	3	1	3	8	13.8	27.0	48	0	136
MANSÛRA	01	8	04	2	1	3	8	13.4	27.3	56	0	137
TANTA	00	8	00	0	1	0	—	12.7	26.1	52	0	138
ZAGAZIG	01	6	02	2	1	4	8	13.8	26.6	57	0	139
SHEBÎN EL KÔM	00	8	30	2	0	2	8	13.8	29.0	48	0	
MIDDLE EGYPT — CAIRO ALMÂZA	01	8	06	2	1	2	8	12	27	42	0	141
CAIRO EZBEKÎYA	00	8	02	1	0	0	—	13.4	27.2	56	0	
CAIRO GÎZA	00	8	02	1	0	0	—	13.1	27.5	54	0	
HELWÂN	00	7	02	2	0	0	—	12.7	26.4	46	0	143
SUEZ	00	9	00	0	0	0	—		27.0	60	0	144
UPPER EGYPT — FAIYÛM	00	8	02	2	0	0	—	12.3	27.2	48	0	153
MINYA	00	9	02	2	0	0	—	12.2	27.7	46	0	154
ASYÛT	00	7	26	1	0	0	—	12.6	27.1	52	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	11.9	26.0	46	0	164
QENA	00	8	24	2	0	0	—	10.6	28.8	41	0	156
LUXOR	00	7	22	2	0	0	—	11.0	32.0	33	0	157
ASWÂN	01	9	30	1	1	3	4	9.5	31.0	32	0	158
WESTERN DESERT — SÎWA												
BAHARÎYA	00	9	00	0	0	0	—		26.0	55	0	
KHÂRGA	00	9	32	1	0	0	—	12.0	30.0	19	0	
DAKHLA	00	9	28	1	0	0	—	12.1	27.8	47	0	
RED SEA — TÔR	00	7	28	3	0	0	—	12.4	26.5	65	0	
HURGHÂDA	00	8	06	2	0	0	—	—	26.8	56	0	
QUSEIR	01	8	32	2	1	4	9	11.9	28.2	71	0	
PORT SÛDÂN	00	8	08	3	1	3	8	7	32	63		
NORTH SÛDÂN — WÂDI HALFA	00	8	32	2	0	0	—	10	29	15		165
KAREIMA												166
'ATBARA	01	8	28	3	1	4	1	7	33	23		167
KHARTÛM	00	8	30	4	0	1	2	8	33	07		168
KASSALA	00	8	30	2	0	2	8/4	3	37	20		170
CENTRAL SÛDÂN — WAD MEDANI	00	8	32	4	1	2	8	5	29	40		171
RENK	00	9	20	3	0	0	—	4	34	41		182
ROSEIRES	00	8	28	1	0	0	—		36	19		172
EL OBEID	02	9	32	4	1	7	4	6	32	10		174
EL FÂSHER	01	9	32	4	1	4	1	—	33	10		175
GENEINA												179
KADUGLI	02	8	04	4	1	5	1	6	35	13		187
S. SÛDÂN — MALAKÂL	00	8	30	1	0	0	—	7	33	21		176
WÂU	01	8	32	3	1	4	8	5	33	36		177
JUBA	11	8	26	2	6	8	9.5	10	21	83		178

At 20h. on 9th — الساعة ٢٠ يوم ٩

STATION	PRESENT WEATHER (WW)	VISIBILITY (V)	WIND Dir. (DD)	WIND Force (F)	PAST WEATHER (W)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESS M.S.L. 1000+ mbs. (PPP)	°C TEMP. (TTT)	% HUMIDITY (UU)	RAIN 14-20 mms
MEDITERRANEAN — MATRÛH	00	8	12	1	1	0	—	14.2	20.6	66	0
MARIUT	00	7	00	0	0	1	4	15	17	94	0
ALEXANDRIA	01	6	04	1	2	3	5	14.7	21.0	74	0
DAMIETTA	01	7	30	1	1	3	8	13.8	21.2	80	0
PORT SA'ID	00	8	30	2	0	3	8	14.2	22.0	82	0
EL 'ARÎSH	00	9	32	2	0	2	3	13.5	23.2	84	0
LOWER EGYPT — DAMANHÛR	00	7	32	3	1	0	—	16.0	21.4	76	0
MANSÛRA	00	6	04	1	1	0	—	14.4	20.4	83	0
TANTA	00	8	32	1	1	0	—	14.4	19.5	86	0
ZAGAZIG	00	6	32	2	0	0	—	14.6	20.4	82	0
SHEBÎN EL KÔM	00	7	30	2	0	0	—	13.6	20.9	78	0
MIDDLE EGYPT — CAIRO ALMÂZA	01	7	04	1	0	0	—	14.2	22.2	64	0
CAIRO EZBEKÎYA	00	7	00	0	0	0	—	15.2	22.3	66	0
CAIRO GÎZA	00	8	00	0	0	0	—	14.7	19.5	80	0
HELWÂN	00	7	02	2	0	0	—	14.0	22.7	61	0
SUEZ	00	9	00	0	0	0	—		26.2		0
UPPER EGYPT — FAIYÛM	00	8	32	1	0	0	—	13.9	20.3	75	0
MINYA	00	9	30	1	0	0	—	14.3	21.0	77	0
ASYÛT	00	6	32	1	0	0	—	13.8	20.0	64	0
NAG' HAMÂDI	00	8	00	0	0	0	—	13.2	21.0	66	0
QENA	00	6	24	2	0	0	—	12.3	22.3	63	0
LUXOR	00	6	32	1	0	0	—	12.4	26.0	36	0
ASWÂN	01	9	32	3	1	3	4	11.6	27.6	29	0
WESTERN DESERT — SÎWA	00	5	00	0	0	0	—	14.8	20.4	53	0
BAHARÎYA	00		32	1	0	0	—	17.8	19.0	63	0
KHÂRGA	00	9	32	1	0	0	—	13.7	22.0	39	0
DAKHLA	00	7	28	2	0	0	—	16.7	18.2	64	0
RED SEA — TÔR	00	7	28	3	0	0	—	13.0	29.3	76	0
HURGHÂDA	00	8	30	1	0	0	—	—	24.2	63	0
QUSEIR	00	8	02	1	1	0	—	11.8	25.3	80	0
PORT SÛDÂN											
NORTH SÛDÂN — WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN — WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN — MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON — الرياح العليا يوم

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ID	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
	13 h. 15 m.			12 h. 45 m.	12 h. 30 m.		13 h. 15 m.			13 h. m.	13 h. m.	13 h. m.	
	02 35 05			03 35 10	03 32 05		09 38 05			09 29 15	09 35 30	09 04 10	
	06 09 05			06 02 15	06 35 05		15 35 00			15 05 05	15 35 35	15 03 15	
	09 03 15			09 33 15	09 03 05		21 35 20			21 36 05	21 01 20	21 03 20	
	15 35 05			15 30 15	15 07 10		27 33 20			27 37 15	27 03 30	27 02 35	
	21 34 15			21 32 10	21 06 05		33 33 15			33 25 15	33 06 30	33 03 30	
	27 30 25			24 03 15			39 33 30			39 25 20	39 11 20	39 04 30	
	30 31 40												
	33 01 05												

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	10-11	3241	1505
	9-11	3241	1505

STATION	Mean of day: HUMIDITY % on 9th	Diff from normal	WET BULB TEMP °C on 9th	Diff from normal
Alexandria	68	+1	18.8	+1.0
Ezbekîya	67	−1	18.9	+2.0
Gîza	75	+5	18.5	+1.9
Helwân	87	+11	18.0	+2.4

GÎZA — GRASS MINIMUM TEMP. ON 10th 9.8 °C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 10th 21.8 °C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	10-11			13.40	−0.28
Nâsser		11.25	+0.71	11.26	+0.71
Malakâl		12.87	+0.57	12.87	+0.57
J. Aulia Res.		377.05	—	377.04	—
J. Aulia D.S		373.12	+0.26	373.16	+0.27
Roseires		15.22	+0.85	15.34	+0.81
Sennar Res.		18.84	—	18.72	—
Khartûm		12.78	+0.28	12.80	+0.27
Kh. el Girba					
'Atbara		12.24	+0.50	12.22	+0.43
Kajnarti		137.36	+0.74	137.45	+0.74
Aswân Res.		117.76	—	117.70	—
Aswân D.S		88.34	+0.63	88.34	+0.52
Roda (Cairo)		17.19	−0.36	17.19	−0.36

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on SUNDAY 10th — الساعة ٨ يوم الأحد ١٠

STATION	PRESENT WEATHER (WW)	VISIBILITY (V)	WIND Dir. (DD)	WIND Force (F)	PAST WEATHER (W)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESSURE M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C (TTT)	MAXIMUM Yesterday °C (MM)	MAXIMUM Diff. from norm °C	MINIMUM Today °C (mm)	MINIMUM Diff from norm °C	% HUMIDITY (UU)	RAINFALL Past 24 hrs mms	RAINFALL Total From Oct. 1 mms.	RAINFALL Norm From Oct 1 mms.
MEDITERRANEAN — SALÛM												—		—				
MATRÛH	00	9	20	3	0	0	—	16.6	−0.9	19.9	30	+6	15	−1	73	0	14	23
MARIUT	00	7	00	0	0	0	—	16	/	20	26	—	14	—	88	0	3	13
ALEXANDRIA	00	9	00	0	0	0	—	16.8	−1.1	22.0	27	+1	20	+2	70	0	3	15
DAMIETTA	01	7	30	2	1	3	9	15.1	−1.5	23.8	25	—	21	—	75	0	tr.	10
PORT SA'ID	04	5	30	2	4	3	8	15.5	−0.9	22.0	28	+2	20	+2	84	0	4	7
EL 'ARÎSH	01	9	32	2	0	4	3	15.5	−1.1	22.3	28	+2	19	+5	83	0	0	8
LOWER EGYPT — DAMANHÛR	09	6	28	2	0	0	—	16.2	−1.5	16.3	28	+1	14	−1	95	0	2	8
MANSÛRA	00	8	04	1	0	0	—	15.9	−1.0	20.4	29	+2	17	+2	85	0	tr.	4
TANTA	00	8	28	1	0	0	—	15.9	−1.9	18.6	27	0	14	+1	90	0	0	4
ZAGAZIG	00	6	28	1	0	2	8	16.6	−0.8	18.7	29	+2	15	+2	89	0	0	3
SHEBÎN EL KÔM	00	8	24	2	0	0	—	16.2	−1.3	16.4	30	—	15	—	93	0	tr.	—
MIDDLE EGYPT — CAIRO ALMAZA	25	6	00	0	0	0	—	15.9		20.2	28	—	15	—	79	0	tr.	—
CAIRO EZBEKÎYA	05	4	00	0	4	0	—	16.8	−0.5	19.8	29	+2	16	+1	84	0	tr.	2
CAIRO GÎZA	09	6	30	1	0	0	—	16.2	−1.2	19.3	28	+2	13	0	88	0	tr.	3
HELWÂN	09	6	00	0	0	3	0	16.2	−1.4	18.1	27	+1	16	+1	89	0	0	2
SUEZ	00	9	00	0	0	0	—			20.1	30	+2	18	+2		0	tr.	3
UPPER EGYPT — FAIYÛM	00	8	32	1	0	0	—	16.2	−1.0	18.2	28	0	15	+1	90	0	tr.	0
MINYA	00	9	04	1	0	0	—	15.9	−1.3	19.2	28	+1	14	0	78	0	tr.	—
ASYÛT	00	6	00	0	0	0	—	15.8	−1.1	20.2	28	+1	15	+1	68	0	0	0
NAG' HAMÂDI	00	8	00	0	0	0	—	16.5	−0.5	20.4	29	—	12	—	68	0	0	—
QENA	00	7	24	2	0	0	—	16.4	−1.2	19.0	30	−1	15	0	72	0	0	—
LUXOR	00	7	28	2	0	0	—	15.0	−0.5	24.2	33	+4	18	+4	32	0	0	—
ASWÂN	00	9	32	1	0	0	—	14.0	−1.2	23.3	32	0	20	+3	45	0	0	—
WESTERN DESERT — SÎWA	00	7	00	0	0	0	—	18.0	−0.7	18.2	30	+2	15	+4	92	0	0	0
BAHARÎYA	00	9	00	0	0	0	—	16.4	−1.6	20.0	27	0	15	+3	64	0	0	1
KHÂRGA	00	9	30	1	0	0	—	15.2	−1.2	20.0	31	+1	13	−1	67	0	0	—
DAKHLA	00	8	24	1	0	0	—	16.2	−1.1	18.0	29	−1	12	−1	89	0	0	—
RED SEA — TÔR	00	7	04	2	0	0	—	14.0	−1.4	17.9	29	+2	15	0	73	0	0	1
HURGHÂDA	00	8	28	3	0	0	—	—	—	22.8	28	0	17	+1	60	0	0	1
QUSEIR	00	8	28	2	0	0	—	12.8	−2.3	24.0	30	+2	21	0	63	0	0	1
PORT SÛDÂN	02	9	30	3	1	5	6	10		28					70	36	65	26
NORTH SÛDÂN — WÂDI HALFA	00	8	32	3	0	2	4	11		22					38	0	0	—
KAREIMA																0	tr.	1
'ATBARA	00	8	28	4	0	0	—	10		24					26	0	tr.	2
KHARTÛM	00	8	02	3	0	2	1	10		23					20	0	2	4
KASSALA	00	8	00	0	1	0	—	9		24					32	0	1	8
CENTRAL SÛDÂN — WAD MEDANI	02	8	32	4	1	5	1	12		24					26	0	15	11
RENK												—		—		—	—	46
ROSEIRES	00	8	32	1	0	0	—	11		21					74	0	21	32
EL OBEID	00	9	30	4	0	2	2	12		22					25	0	69	16
EL FÂSHER	01	9	00	0	1	4	2	—	—	15					42	0	4	6
GENEINA	01	8	01	3	1	3	2	—	—	24		—		—	17	0	—	4
KADUGLI	00	8	28	2	0	3	1	11		25		—		—	47	—	1	85
S. SÛDÂN — MALAKÂL	01	8	02	4	1	3	4	11		24					87	0	112	81
WÂU	00	8	32	3	0	1	4	11		22					88	0	144	135
JUBA	01	8	12	1	1	3	4	11		23					89	55	210	109

UPPER WINDS ON — الرياح العليا يوم

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ID	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	8 h. 45 m.	h. m.	7 h. m.	h. m.	7 h. m.	7 h. 45 m.	h. m.	h. m.	7 h. m.
			02 33 05		02 33 15		02 01 20	09 03 40			09 35 40
			05 03 20		05 33 10		05 02 35	15 01 35			15 02 20
			08 01 20		10 33 10		10 04 20	21 32 25			21 27 20
			10 33 20		15 34 10		15 04 10	27 27 25			24 26 20
			15 34 30				20 03 10	33 25 10			27 25 35
			20 35 20				25 04 15	39 25 15			30 24 40
			23 35 23				30 04 20				
			25 33 40				35 35 35				
			27 33 20				40 03 35				

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. m.	h. m.	7 h. 30 m.		7 h. m.	7 h. m.
09 36 20		09 01 —		09 05 45	09 03 45
15 03 20		15 01 40		15 06 45	15 03 40
21 03 20		21 03 30		21 31 20	21 03 25
27 05 20		27 04 25		27 33 60	27 04 65
				33 33 20	

UPPER AIR TEMP. ALMÂZA AT 5 G.M.T. ON 10th

HEIGHT FEET	P.P.P m.b.	T.T °F	t.t °F
Surface	1006	61	60
500	989	64	53
1000	970	64	63
1500	952	62	61
2000	935	64	62
4000	869	61	48
6000	806	53	43
8000	747	44	34
10000	692	34	29
12000	640	24	23
14000	591	15	14
16000	545	16	14

CYPRUS SYNOPTIC 8h. ON 10th

34700 08990 06501 15181 15307 00140

34820 01952 12214 18191 34407 00140

ANNUAL SUBSCRIPTION P.T. 150

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

Time of Sunrise h. m.
Sunset 17 02

Month *November* 1946

DAILY WEATHER REPORT

١٩٤٦ شهر نوفمبر

At 14h. on *Sunday 10th* — الساعة ١٤ يوم الأحد ١٠ — At 20h. on *10th* — الساعة ٢٠ يوم الأحد ١٠

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 h. mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20 h. mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	04	1	0	0	—	16.8	24.3	66	0	01	8	08	1	0	4	8	17.6	22.0	77	0	131
MARIUT	00	7	30	2	0	1	6	16	25	61	0	00	7	01	1	0	1	6	17	20	88	0	150
ALEXANDRIA	01	9	02	2	1	4	4	16.7	24.2	63	0	01	5	04	1	2	4	4	17.6	21.2	80	0	132
DAMIETTA	01	8	10	3	1	3	3	14.8	25.2	61	0	04	5	32	1	1	3	3	16.2	22.2	76	0	159
PORT SAʻÎD	00	8	02	2	0	3	8	15.4	25.4	73	0	00	8	04	3	0	3	5	16.4	22.8	74	0	134
EL ʻARÎSH	00	9	32	3	0	0	—	14.3	25.3	72	0	01	9	32	4	0	3	3	15.9	23.3	73	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	32	4	0	3	8	15.9	26.0	55	0	00	7	32	2	0	0	—	16.7	20.0	79	0	136
MANSÛRA	01	8	02	2	1	4	8	15.4	27.5	58	0	00	6	04	2	1	0	—	17.0	21.8	84	0	137
TANTA	01	8	32	1	1	4	8	14.6?	27.0	60	0	00	8	32	1	5	0	—	16.3	21.7	89	dr	138
ZAGAZIG	01	6	28	1	1	4	8	15.5	27.8	62	0	00	6	32	2	5	0	—	17.0	21.0	74	dr	139
SHEBÎN EL KÔM	01	8	04	3	1	4	8	15.5	28.9	51	0	00	7	02	2	1	0	—	17.4	21.3	87	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	01	8	32	1	1	4	8	14.8	26.8	52	0	00	7	02	2	0	1	8	16.2	23.0	53	0	141
CAIRO EZBEKÎYA	01	8	32	1	1	3	8	14.8	27.3	50	0	00	7	32	1	0	3	8,4	17.4	22.5	74	0	—
CAIRO GÎZA	00	8	30	2	0	3	8	15.4	27.1	57	0	00	8	30	1	0	3	4	16.7	20.5	76	0	—
HELWÂN	00	7	32	3	0	2	8	14.8	26.0	51	0	00	7	02	3	0	0	—	16.0	23.3	58	0	143
SUEZ	00	9	26	2	0	1	4	—	26.1	—	0	00	9	00	0	0	0	—	—	20.5	—	0	144
UPPER EGYPT																							
FAIYÛM	00	8	32	3	0	0	—	14.7	26.6	51	0	00	8	30	1	0	0	—	15.9	21.2	73	0	153
MINYA	00	9	32	3	0	0	—	13.4	27.8	46	0	00	9	32	2	0	0	—	15.0	22.0	72	0	154
ASYÛT	00	7	26	1	0	0	—	13.5	28.7	42	0	00	6	22	1	0	0	—	15.4	20.9	57	0	155
NAGʻ HAMÂDI	00	8	00	0	0	0	—	12.4	29.3	37	0	00	8	00	0	0	0	—	13.8	21.0	67	0	164
QENA	00	8	24	2	0	0	—	11.6	29.6	28	0	00	6	24	2	0	0	—	12.3	23.4	50	0	156
LUXOR	00	7	26	2	0	0	—	12.4	33.0	30	0	00	6	32	1	0	0	—	13.2	24.0	33	0	157
ASWÂN	00	9	30	3	0	0	—	10.7	31.7	22	0												158
WESTERN DESERT																							
SÎWA	00	8	28	2	0	0	—	17.8	27.2	57	0	00	8	00	0	0	0	—	18.0?	19.0	63	0	148
BAHARÎYA												00	—	00	0	0	0	—	17.8	19.0	72	0	149
KHÂRGA	00	9	30	1	0	0	—	12.3	30.0	30	0	00	9	32	2	0	0	—	[illegible]	25.2	40	0	151
DAKHLA	00	9	28	1	0	0	—	12.6	27.5	49	0	00	7	28	2	0	0	—	16.3	18.2	54	0	152
RED SEA																							
TÔR	00	7	28	4	0	0	—	13.0	26.5	65	0	00	7	28	3	0	0	—	12.7	25.3	57	0	145
HURGHÂDA	00	8	32	2	0	0	—	—	27.3	52	0	00	8	04	3	0	0	—	—	22.4	56	0	146
QUSEIR	00	8	32	2	0	0	—	12.0	29.0	59	0	00	8	32	2	0	0	—	12.2	25.0	70	0	147
PORT SÛDÂN	01	9	02	4	1	4	8,1	8	31	66													158/198
NORTH SÛDÂN																							
WÂDI HALFA																							165
KAREIMA	00	8	04	1	0	0	—	8	34	19													166
ʻATBARA	00	8	30	3	0	0	—	6	33	15													167
KHARTÛM	0D?	8	32	3	0	1	1	7	33	10													169/209
KASSALA																							170
CENTRAL SÛDÂN																							
WAD MEDANI	00	8	00	0	1	3	1	6	34	12													171
RENK	00	9	28	3	0	0	—	4?	33	41													182
ROSEIRES	00	8	12	1	0	3	4		35	18													172
EL OBEID	01	9	30	3	1	4	1	6	31	11													174
EL FÂSHER	01	9	04	3	1	5	2	—	31	10													175
GENEINA																							179
KADUGLI	02	8	28	4	1	5	4	7	33	10													187
S. SÛDÂN																							
MALAKÂL	00	8	32	3	1	2	1	7	31	24													176
WÂU	00	8	02	3	0	0	—	6	32	22													177
JUBA	01	8	28	2	1	3	8	5	32	43													178

UPPER WINDS ON *10th* الرياح العليا يوم ١٠

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT 12h. 45m.	PORT SAʻÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA 13h. m.	KHARTÛM 13h. m.	KASSALA h. m.	EL OBEID 13h. m.	MALAKAL 13h. m.	JUBA 13h. m.
	03 25 15							09 01 25	09 34 10		09 36 20	09 03 20	09 35 20
	06 01 20							15 02 30	15 25 10		15 03 15	15 04 25	15 02 05
	09 01 25							21 03 25	21 23 35		21 25 10	21 07 30	21 06 10
	12 01 25							27 04 35	27 23 30			27 06 20	27 11 15
	15 02 25							33 06 15	33 24 30			30 07 30	33 11 20
	18 02 20							39 06 15	39 27 20				
	21 34 15												
	24 22 15												
	30 20 15												

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 10th	Diff from normal	Wet bulb temp °C on 10th	Diff from normal
Alexandria	71	+4	19.3	+1.6
Ezbekîya	72	+4	19.3	+2.6
Gîza	75	+5	19.0	+2.5
Helwân	69	+13	18.2	+2.7

GÎZA — GRASS MINIMUM TEMP. ON *11th* *14.0* °C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON *11th* *22.0* °C

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	11-11	3241	1505
	10-11	3241	1505

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	〃				
Nâsser					
Malakâl		12.89	+0.57	12.89	+0.57
J. Aulia Res.				377.05	—
J. Aulia D.S.				373.12	+0.26
Roseires		15.15	+0.84	15.22	+0.85
Sennar Res.				18.84	—
Khartûm				12.78	+0.28
Kh. el Girba					
ʻAtbara				12.24	+0.50
Kajnarti				137.36	+0.74
Aswân Res.	〃	117.82	—	117.76	—
Aswân D.S.		88.34	+0.77	88.24	+0.65
Roda (Cairo)		17.19	-0.24	17.19	-0.30

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on *Monday 11th* — الساعة ٨ يوم الاثنين ١١

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C MM	Max Diff. from norm. °C	Minimum Today °C mm	Min Diff from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total From Oct. 1 mms.	Norm From Oct. 1 mms.
MEDITERRANEAN																		
SALÛM												—		—				7
MATRÛH	01	9	00	0	1	4	8	19.6	+2.1	21.2	26	+2	17	+1	77	0	14	23
MARIUT	01	7	00	0	2	5	8	19		22	26	—	17	—	83	0	3	14
ALEXANDRIA	02	9	04	2	2	5	4	19.8	+1.8	22.6	26	0	21	+4	71	0	3	17
DAMIETTA	01	7	28	1	1	4	8?	18.8	+2.2	22.0	27	—	18	—	82	0	dr	11
PORT SAʻÎD	01	8	30	1	1	3	8	18.6	+2.1	23.1	28	+2	21	+3	74	0	4	7
EL ʻARÎSH	00	9	16	1	0	0	—	17.9	+1.2	17.8	26	0	15	+1	84	0	0	8
LOWER EGYPT																		
DAMANHÛR	01	5	28	2	1	3	8	19.0	+1.2	18.4	28	+1	16	+2	98	0	2	8
MANSÛRA	00	8	04	2	0	0	—	19.1	+2.2	20.6	30	+3	18	+3	85	0	dr	5
TANTA	00	8	00	0	0	0	—	18.6	+0.8	18.4	28	+1	14	+1	98	dr	dr	4
ZAGAZIG	00	6	00	0	0	2	8	19.0	+1.6	16.9	30	+3	15	+2	69	dr	dr	3
SHEBÎN EL KÔM	09	7	30	1	4	0	—	19.1	+1.6	16.9	30	—	15	—	98	0	0	—
MIDDLE EGYPT																		
CAIRO ALMAZA	04	3	00	0	4	4	6	18.7	+1.4	16.0	27	—	15	—	92	0	dr	—
CAIRO EZBEKÎYA	08	4	00	0	4	3	4	19.6	+2.3	17.9	29	+2	16	+1	91	0	dr	2
CAIRO GÎZA	40	3	30	1	4	9	0	19.2	+1.7	17.0	28	+2	16	+3	98	0	dr	4
HELWÂN	40	2	00	0	4	9	—	19.0	+1.3	17.5	27	+1	16	+1	94	0	0	2
SUEZ	00	9	00	0	0	0	—	—	—	21.0	30	+3	18	+2	—	0	dr	3
UPPER EGYPT																		
FAIYÛM	00	8	32	3	0	0	—	18.8	+1.6	20.0	27	-1	17	+3	86	0	dr	0
MINYA	00	9	32	2	0	0	—	17.9	+0.6	20.3	28	+1	16	+2	77	0	dr	—
ASYÛT	00	6	22	1	0	0	—	17.4	+0.4	19.2	30	+3	15	+1	79	0	0	0
NAGʻ HAMÂDI	00	8	00	0	0	0	—	16.4	+0.4	19.3	31	—	14	—	76	0	0	—
QENA	00	7	26	2	0	0	—	16.0	+0.3	18.1	32	+1	14	0	69	0	0	—
LUXOR	00	7	28	1	0	0	—	16.0	+0.4	21.4	34	+2	14	+1	39	0	0	—
ASWÂN	00	9	02	1	0	0	—	15.4	+0.1	22.0	32	0	18	+1	48	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	20.6	+1.9	17.0	28	0	12	+1	90	0	0	0
BAHARÎYA	00	9	00	0	0	0	—	18.2	+0.1	17.0	28	+1	12	0	70	0	0	1
KHÂRGA	00	9	32	1	0	0	—	16.8	+0.2	20.3	30	0	15	+1	66	0	0	—
DÂKHLA	00	8	28	1	0	0	—	18.3	+0.9	20.0	30	+1	14	+1	68	0	0	—
RED SEA																		
TÔR	00	7	00	0	0	0	—	14.0	-1.4	21.8	27	0	15	0	40	0	0	2
HURGHÂDA	00	8	28	2	0	0	—	—	—	23.3	28	0	17	+1	53	0	0	1
QUSEIR	00	8	28	2	0	0	—	13.5	-1.7	24.2	29	+1	21	+1	60	0	0	1
PORT SÛDÂN																12	77	29
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	2	0	0	—	14		21					38	0	0	—
KAREIMA	00	8	04	3	0	0	—	11		25					30	0	dr	1
ʻATBARA	00	8	30	3	0	0	—	8		26					45	0	dr	2
KHARTÛM	00	8	32	3	0	0	—	9		25					30	0	2	4
KASSALA	00	8	00	0	1	0	—	8		31					31	0	1	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	32	3	0	0	—	9		24					22	0	15	11
RENK	00	9	28	3	0	0	—	8		25		—		—	42	—	—	45
ROSEIRES	00	8	32	1	8	3	4	10		23					41	dr	21	33
EL OBEID	00	9	30	4	0	3	1	11		23					27	0	69	16
EL FÂSHER	01	9	00	0	0	3	1	—	—	16					36	0	4	6
GENEINA	01	8	02	3	1	3	1	—	—	17		—		—	28	—	—	4
KADUGLI	00	8	28	3	1	3	1	9		22		—		—	25	—	—	85
S. SÛDÂN																		
MALAKÂL	00	8	02	3	0	0	—	9		24					38	0	112	81
WÂU	01	8	32	1	1	4	2	9		21					69	0	144	136
JUBA	01	8	18	1	0	3	2	9		23					84	0	210	110

UPPER WINDS ON *11th* الرياح العليا يوم ١١

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT 7h. m.	PORT SAʻÎD h. m.	HELWÂN 9h. 00m.	MINYA 6h. 45m.	ASYÛT 7h. m.	LUXOR 7h. 15m.	ASWÂN 7h. m.	WÂDI HALFA 7h. 45m.	ABU HAMAD 7h. 45m.	KAREIMA 7h. m.	KHARTÛM 7h. m.
	03 32 10		02 33 10	03 01 30	02 05 05	03 02 50	02 36 10	09 04 35	09 03 35	09 04 10	09 02 45
	06 24 05		05 03 25	06 03 20	05 02 20	06 01 50	05 04 20	15 04 20	15 05 30	15 04 40	15 03 20
	09 35 10		08 05 40	09 02 20	10 01 15	09 02 10	10 04 25	21 33 05	21 05 30	21 04 35	21 12 15
			10 04 35	12 05 25	15 01 15	12 01 15	15 04 25		27 05 20	27 05 20	27 33 10
			15 04 35	15 04 25		15 36 20	20 04 20		33 10 20	39 03 20	
			20 02 35	18 02 30		18 35 30	25 02 35				
			22 04 30	21 01 30			30 01 15				
				24 02 30							
				30 01 15							

KASSALA 7h. m.	PORT SÛDÂN 7h. m.	EL OBEID 7h. m.	EL FÂSHER 7h. 45m.	GENEINA 7h. m.	MALAKAL h. m.
09 03 20	09 06 15	09 02 40	09 35 15	09 06 40	
15 06 30	15 12 35	15 03 40	15 06 25	15 07 65	
21 08 15	21 18 15	21 01 05	21 12 55	21 07 10	
27 17 10	27 19 20	27 17 05	24 15 50	27 07 05	
39 23 15				30 08 15	
				39 04 15	

UPPER AIR TEMP. ALMÂZA AT *6h* G.M.T. ON *11th*

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	1008	63	62
500	990	66	65
1000	972	65	64
1500	954	63	63
2000	937	65	54
4000	871	58	49
6000	808	50	40
8000	749	41	33
10000	693	39	31
12000	641	33	31
14000	592	28	27
16000	546	19	19

CYPRUS SYNOPTIC 8h. ON *11th*

34700 00990 00000 1816X XXXXX 97XXX

ANNUAL SUBSCRIPTION P.T. 150

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

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.

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

Time of Sunrise 4h 17m
Sunset 17 01

DAILY WEATHER REPORT

Month November 1946 — شهر نوفمبر ١٩٤٦

At 14h. on Monday 11th — الساعة ١٤ يوم ١١/١١

STATION	PRESENT WEATHER (WW)	VISIBILITY (V)	WIND Dir. (DD)	WIND Force (F)	PAST WEATHER (W)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESS M.S.L. 1000+ mbs. (PPP)	°C TEMP. (TTT)	% HUMIDITY (UU)	RAIN 8-14 mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	9	04	1	1	0	—	18.4	23.8	63	0	131
MARIUT	00	7	30	2	1	0	—	19	25	65	0	150
ALEXANDRIA	01	9	04	2	2	3	8	18.0	24.0	60	0	132
DAMIETTA	01	8	32	2	1	3	8	17.5	24.2	66	0	159
PORT SA'ID	01	8	02	3	1	3	8	17.8	25.2	67	0	134
EL 'ARÎSH	00	9	32	3	0	2	3	16.8	24.3	67	0	135
LOWER EGYPT												
DAMANHÛR	01	7	32	3	1	4	8	17.2	26.3	58	0	136
MANSÛRA	01	8	02	1	1	4	8	17.5	27.8	53	0	137
TANTA	01	8	32	3	1	4	8	16.8	26.0	57	0	138
ZAGAZIG	01	6	02	2	1	4	8	17.1	27.2	49	0	139
SHEBÎN EL KÔM	01	8	30	2	1	4	8	17.5	28.7	47	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	01	8	04	3	1	3	6	16.6	26.8	56	0	141
CAIRO EZBEKÎYA	00	8	32	2	0	3	8	17.1	27.6	47	0	—
CAIRO GÎZA	00	8	30	2	0	2	8	17.2	26.8	46	0	—
ḤELWÂN	00	7	02	3	0	3	8	16.3	26.7	47	0	143
SUEZ	01	9	02	2	1	4	4	—	26.3	61	0	144
UPPER EGYPT												
FAIYÛM	00	8	32	3	0	0	—	16.4	27.1	37	0	153
MINYA	00	9	32	3	0	0	—	14.8	28.6	44	0	154
ASYÛT	00	8	00	0	0	0	—	14.2	28.2	56	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	13.4	29.0	46	0	164
QENA	00	8	24	2	0	0	—	13.0	28.2	38	0	156
LUXOR	00	7	30	2	0	0	—	13.6	30.5	34	0	157
ASWÂN	00	9	30	2	0	0	—	11.5	30.4	26	0	158
WESTERN DESERT												
SÎWA	00	8	00	0	0	0	—	19.2	26.4	66	0	148
BAHARÎYA	00	9	00	0	0	0	—	16.0	24.0	60	0	149
KHÂRGA	00	9	32	2	0	0	—	—	28.8	32	0	151
DAKHLA	00	9	28	1	0	0	—	14.2	28.3	46	0	152
RED SEA												
ṬÛR	00	7	28	4	0	0	—	13.9	26.7	59	0	145
HURGHADA	00	8	32	2	0	0	—	—	27.8	37	0	146
QUSEIR	00	8	32	2	0	0	—	13.0	29.6	62	0	147
PORT SÛDÂN	01	9	02	3	8	4	6	9	29	70	4r	208
NORTH SÛDÂN												
WÂDI HALFA												165
KAREIMA												166
'ATBARA	00	8	22	1	0	0	—	5	34	29		167
KHARTÛM	00	8	32	2	0	0	—	5	35	18		209
KASSALA												170
CENTRAL SÛDÂN												
WAD MEDANI	00	8	32	1	0	0	—	3	37	17		171
RENK	00	9	28	3	0	0	—	3	35	25		182
ROSEIRES	00	8	16	1	0	0	—	4	37	20		172
EL OBEID	00	9	32	3	0	3	1	5	33	15		174
EL FÂSHER	01	9	32	2	1	4	2	—	32	17		175
GENEINA												179
KADUGLI	01	8	04	4	1	4	1	6	34	12		187
S. SÛDÂN												
MALAKÂL	01	8	32	3	0	4	4	5	33	21		176
WÂU	00	8	32	3	1	1	1	5	32	28		177
JUBA	01	8	02	3	1	5	8,1	4	33	41		178

At 20h. on 11th — الساعة ٢٠ يوم ١١ الاثنين

STATION	PRESENT WEATHER (WW)	VISIBILITY (V)	WIND Dir. (DD)	WIND Force (F)	PAST WEATHER (W)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESS M.S.L. 1000+ mbs. (PPP)	°C TEMP. (TTT)	% HUMIDITY (UU)	RAIN 14-20 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	01	8	00	0	0	4	8	19.5	20.0	64	0
MARIUT	00	7	00	0	0	2	6	19	18	88	0
ALEXANDRIA	01	5	06	1	2	4	8	19.4	21.6	71	0
DAMIETTA	00	6	30	1	1	2	8	18.3	20.0	87	0
PORT SA'ID	01	8	02	2	1	4	8	18.6	21.9	77	0
EL 'ARÎSH	01	9	32	3	0	4	3	17.6	21.1	74	0
LOWER EGYPT											
DAMANHÛR	00	7	32	3	1	0	—	18.2	20.0	81	0
MANSÛRA	00	6	02	1	1	0	—	18.7		89	0
TANTA	00	8	32	1	1	0	—		19.2	88	0
ZAGAZIG	00	6	32	2	0	0	—		20.0	74	0
SHEBÎN EL KÔM	00	7	02	2	0	0	—	18.7	20.6	79	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	7	06	2	0	0	—	17.9	22.4	55	0
CAIRO EZBEKÎYA	00	7	02	2	0	0	—	18.3	21.7	68	0
CAIRO GÎZA	00	8	00	0	0	0	—	18.6	21.0	67	0
ḤELWÂN	00	6	04	3	0	0	—	17.9	22.1	62	0
SUEZ	00	9	30	2	0	0	—	18.2	23.2	79	0
UPPER EGYPT											
FAIYÛM	00	8	32	1	0	0	—	17.6	21.1	65	0
MINYA	00	9	32	2	0	0	—	16.3	22.3	63	0
ASYÛT	00	6	22	1	0	0	—	16.0	21.1	62	0
NAG' HAMÂDI	00	8	00	0	0	0	—	16.4	18.8	74	0
QENA	00	6	24	1	0	0	—	13.5	22.0	60	0
LUXOR	00	6	28	2	0	0	—	13.9	21.4	46	0
ASWÂN	00	9	32	2	0	0	—	13.0	26.0	30	0
WESTERN DESERT											
SÎWA	00	8	00	0	0	0	—	19.4	19.3	69	0
BAHARÎYA	00	—	32	1	0	0	—	17.9	18.5	67	0
KHÂRGA	00	9	32	1	0	0	—		23.5	69	0
DAKHLA	00	7	28	2	0	0	—	18.6	19.5	70	0
RED SEA											
ṬÛR	00	7	28	2	0	0	—		25.5	67	0
HURGHADA	00	8	30	1	0	0	—	—	24.6	57	0
QUSEIR	00	8	32	2	0	0	—	13.2	26.2	54	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 11th — الرياح العليا يوم ١١

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ID	ALMÂZA	MINYA	LUXOR	HURGHADA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	12 h. 30 m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13 h. m.	h. m.	13 h. m.	13 h. m.	13 h. m.
		03 02 15							09 26 10		09 03 25	09 03 20	09 06 15
		06 03 15							15 21 05		15 02 10	15 05 25	15 06 15
		09 02 05							21 18 05		21 36 10	21 07 15	21 07 20
		15 04 15							24 21 05		27 13 02	27 11 10	27 08 30
		18 36 20									33 14 05	33 11 05	33 13 30
		21 35 25									39 20 10	39 12 05	39 15 25
		27 35 35										45 12 05	
		30 36 25										51 10 10	
												57 08 15	

UPPER WINDS ON 12th — الرياح العليا يوم ١٢

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ID	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	7 h. m.	6 h. 30 m.	9 h. 15 m.	6 h. 45 m.	7 h. m.	7 h. 30 m.	7 h. m.	7 h. 15 m.	7 h. m.	7 h. m.	7 h. m.
	03 04 15	03 04 15	03 36 05	03 04 35	03 33 10	03 01 30	02 36 10	09 06 40	09 06 35	09 06 35	09 02 05
	06 05 15	06 02 15	05 04 20	06 02 35	05 36 25	06 06 20	05 03 40	15 04 30	15 04 25	15 04 25	15 36 20
	09 04 15	09 03 20	08 05 25	09 03 35	10 03 20	09 06 20	10 05 45	18 03 15	21 10 10	21 04 20	21 21 20
	15 03 25	15 01 15	10 05 40	15 03 35	15 02 25		15 05 35		27 02 15	27 02 20	24 31 15
	21 03 40	21 02 20	15 04 35	21 03 40	20 01 30		20 03 35		33 36 10	33 34 20	30 33 15
	24 03 45	27 02 45	20 03 35						39 02 05	39 35 15	33 34 15
	27 02 50		23 04 45								
	30 02 50										
	33 04 30										

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. 15 m.	7 h. 15 m.	7 h. m.	7 h. m.	h. m.	7 h. m.
09 02 10	09 06 25	09 03 15	09 01 15		09 34 10
15 09 20	15 31 30	15 11 10	15 06 40		15 01 25
21 12 25	21 15 10	21 11 15	21 08 20		21 02 35
27 14 40	27 16 05	27 09 10	27 11 15		27 02 35
		33 17 05	33 27 02		33 02 35
		39 21 10	39 22 15		39 02 20

At 8h. on Tuesday 12th — الساعة ٨ يوم ١٢ الثلاثاء ١٩٤٦

STATION	PRESENT WEATHER (WW)	VISIBILITY (V)	WIND Dir. (DD)	WIND Force (F)	PAST WEATHER (W)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESSURE M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C (TTT)	MAXIMUM Yesterday °C (MM)	MAXIMUM Diff. from norm °C	MINIMUM Today °C (mm)	MINIMUM Diff. from norm °C	% HUMIDITY (UU)	RAINFALL Past 24 hrs mms	RAINFALL Total From Oct. 1 mms	RAINFALL Norm From Oct. 1 mms
MEDITERRANEAN																		
SALÛM													—	—				8
MATRÛH	00	9	00	0	1	0	—	21.2	+3.7	21.2	25	+1	16	0	74	0	14	24
MARIUT	00	7	00	0	0	3	6	21	—	22	25	—	19	—	83	0	3	15
ALEXANDRIA	02	9	00	0	2	5	8	21.2	+3.2	23.7	26	+1	21	+4	66	0	3	18
DAMIETTA	01	6	30	1	1	3	8	20.3	+3.7	21.6	25	—	17	—	83	0	4r	11
PORT SA'ID	01	8	30	2	1	4	8	20.7	+4.2	24.3	28	+2	20	+2	66	0	4	8
EL 'ARÎSH	01	9	00	0	0	3	3	19.9	+3.1	17.2	27	+2	14	0	87	tr	tr	8
LOWER EGYPT																		
DAMANHÛR	05	5	28	2	0	0	—	20.6	+2.8	17.3	27	0	15	+1	97	0	2	8
MANSÛRA	00	8	04	1	0	0	—	20.7	+3.8	19.0	29	+2	16	+1	90	0	4r	5
TANTA	00	8	00	0	0	0	—	19.9	+2.1	19.0	27	0	13	0	92	0	4r	5
ZAGAZIG	02	6	00	0	1	5	8	20.7	+3.3	17.6	29	+2	15	+2	95	0	4r	3
SHEBÎN EL KÔM	00	8	02	1	1	2	8	21.1	+3.5	16.6	30	—	15	—	95	0	4r	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	00	0	1	2	4	20.4	+3.0	18.2	27	—	15	—	79	0	4r	—
CAIRO EZBEKÎYA	04	4	32	1	4	1	4	20.7	+3.3	18.0	29	+2	16	+2	91	0	4r	2
CAIRO GÎZA	41	3	30	2	4	9	0	21.0	+3.5	16.5	27	+1	15	+2	97	0	4r	4
ḤELWÂN	09	5	00	0	0	1	8	20.3	+2.6	19.1	27	+1	16	+1	81	0	0	2
SUEZ	00	9	00	0	0	0	—	19.2	+2.6	20.9	27	0	16	0	78	0	4r	3
UPPER EGYPT																		
FAIYÛM	00	8	32	2	0	0	—	20.2	+2.9	18.5	27	-1	15	+1	85	0	4r	0
MINYA	00	9	02	2	0	0	—	19.0	+1.6	20.7	29	+2	15	+1	71	0	4r	—
ASYÛT	00	7	22	1	0	0	—	18.4	+1.3	18.1	30	+3	14	0	70	0	0	0
NAG' HAMÂDI	00	8	00	0	0	0	—	17.0	+0.9	19.7	31	—	13	—	69	0	0	—
QENA	00	7	20	1	0	0	—	16.8	+1.0	17.8	30	-1	15	+1	68	0	0	—
LUXOR	00	7	32	2	0	0	—	16.8	+1.1	22.4	32	+1	14	+1	41	0	0	—
ASWÂN	00	9	32	2	0	0	—	15.9	+0.5	21.8	31	-1	17	0	46	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	21.0	+2.2	17.0	29	+1	10	-1	80	0	0	0
BAHARÎYA	00	9	00	0	0	0	—	17.6	-0.5	20.0	25	-2	16	+4	72	0	0	1
KHÂRGA	00	9	32	2	0	0	—	16.6	+0.1	22.4	30	0	18	+4	60	0	0	—
DAKHLA	00	8	28	1	0	0	—	18.3	+0.8	20.0	29	0	17	+4	66	0	0	—
RED SEA																		
ṬÛR	00	7	00	0	0	0	—	16.7	+0.7	19.1	27	0	17	+2	55	0	0	2
HURGHADA	00	8	28	2	0	0	—	—	—	22.3	29	+1	16	0	47	0	0	1
QUSEIR	00	8	32	5	0	0	—	14.8	-0.5	25.8	30	+2	22	+2	61	0	0	1
PORT SÛDÂN	01	8	28	3	1	3	6	12		27					70	4r	77	29
NORTH SÛDÂN																		
WÂDI HALFA	00	8	00	0	0	0	—	12		26					51	0	0	—
KAREIMA	00	8	04	2	0	0	—	11		25					30	0	4r	1
'ATBARA	00	8	02	3	0	0	—	10		26					48		4r	2
KHARTÛM	00	8	32	3	0	0	—	10		26					37	0	2	4
KASSALA	00	8	00	0	0	3	4	7		29					52	0	1	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	04	2	0	0	—	8		26					32	0	15	11
RENK	00	9	28	3	0	0	—	8.7		25		—		—	48	—	—	46
ROSEIRES	00	8	24	1	0	1	1	10		22					61	0	21	33
EL OBEID	01	8	30	3	1	3	4,1	10		23					41	0	69	16
EL FÂSHER	00	9	00	0	0	3	1	—	—	16					42	0	4	6
GENEINA	00	8	04	4	0	2	1	—	—	19		—		—	30	—	—	4
KADUGLI	00	8	28	2	0	3	1	9		26		—		—	27	—	—	25
S. SÛDÂN																		
MALAKÂL	02	8	00	0	1	6	4,5	9		23					65	0	112	82
WÂU	00	8	00	0	0	2	4	9		22					61	0	144	136
JUBA	01	8	14	2	0	3	1	10		23					84	0	210	111

UPPER WINDS ON 12th — الرياح العليا يوم ١٢

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. 15 m.	7 h. 15 m.	7 h. m.	7 h. m.	h. m.	7 h. m.
09 02 10	09 06 25	09 03 15	09 01 15		09 34 10
15 09 20	15 31 30	15 11 10	15 06 40		15 01 25
21 12 25	21 15 10	21 11 15	21 08 20		21 02 35
27 14 40	27 16 05	27 09 10	27 11 15		27 02 35
		33 17 05	33 27 02		33 02 35
		39 21 10	39 22 15		39 02 20

UPPER AIR TEMP. ALMÂZA AT 6h G.M.T. ON 12th

HEIGHT FEET	P.P.P m.b.	T.T °F	t.t °F
Surface	1011	61	60
500	993	66	62
1000	975	64	62
1500	957	63	60
2000	940	61	58
4000	873	58	46
6000	810	52	42
8000	751	46	36
10000	695	41	32
12000	643	34	31
14000	594	29	25
16000	547	19	16

CYPRUS SYNOPTIC 8h. ON 12th

34700 02990 00026 20181 16407 00X40
38800 02990 12226 20170 96202 00XXX

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day HUMIDITY % on 11th	Diff from normal	WET BULB TEMP °C on 11th	Diff from normal
Alexandria	67	0	19.0	+1.4
Ezbekiya	73	+5	18.4	+1.8
Giza	75	+5	17.8	+1.4
Helwân	73	+17	17.4	+2.1

GÎZA — GRASS MINIMUM TEMP. ON 12th 11.2° C

CAIRO — WATER TEMP. AT 8h. RIVER NILE ON 12th 22.0° C

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	12-11	3241	1505
	11-11	3241	1505

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	11			13.32	-0.36
Nâsser				11.24	+0.72
Malakâl		12.89	+0.57	12.89	+0.57
J. Aulia Res.				377.12	—
J. Aulia D.S				373.11	+0.28
Roseires		15.16	+0.91	15.15	+0.84
Sennar Res.				18.93	—
Khartûm	12			12.74	+0.27
Kh. el Girba					
'Atbara		12.97	+0.39	12.10	+0.39
Kajnarti				137.21	+0.69
Aswân Res.		117.86	—	117.82	—
Aswân D.S		88.34	+0.90	88.34	+0.77
Roda (Cairo)		17.19	-0.17	17.19	-0.24

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ANNUAL SUBSCRIPTION P.T. 150

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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.

Time of Sunrise 05 [illegible] h. m.
Sunset 17 01 h. m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month *November* 1946 — شهر نوفمبر ١٩٤٦

At 14h. on *Tuesday 12th* — الساعة ١٤ يوم ١١/١٢ ; At 20h. on *12th* — الساعة ٢٠ يوم الثلاثاء ١٢

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20 mms	Station Number
Mediterranean																							
SALÛM																							130
MATRÛH	00	9	04	1	0	0	—	20.0	24.2	66	0	00	8	00	0	0	0	—	21.6	21.4	77	0	131
MARIUT	00	8	32	3	0	2	8,1	20	25	61	0	00	7	02	1	0	0	—	22	18	88	0	150
ALEXANDRIA	01	9	04	2	2	3	1	20.3	24.6	69	0	00	5	12	2	0	0	—	22.4	21.0	71	0	132
DAMIETTA	01	8	30	3	1	3	8	20.3	23.5	63	0	00	7	30	1	1	0	—	21.2	21.5	78	0	159
PORT SA'ÎD	01	8	04	2	1	4	8	19.5	24.8	62	0	00	8	04	2	0	2	8	21.5	22.4	72	0	134
EL 'ARÎSH	00	9	32	2	0	2	3	19.1	23.6	72	0	00	9	32	3	0	3	3	20.8	22.3	72	0	135
Lower Egypt																							
DAMANHÛR	00	7	32	4	0	0	—	19.9	26.0	50	0	00	7	32	3	0	0	—	20.8	19.4	82	0	136
MANSÛRA	01	7	04	1	1	4	8	19.8	26.5	55	0	00	6	04	1	1	0	—	22.2	19.8	89	0	137
TANTA	01	8	00	0	1	4	8	18.8	26.8	57	0	00	8	32	1	1	0	—	21.1	19.2	88	0	138
ZAGAZIG	01	6	24	3	1	4	8	19.5	25.8	52	0	00	6	32	2	1	0	—	21.5	19.8	79	0	139
SHEBÎN EL KÔM	01	8	04	3	1	4	8	19.5	28.3	45	0	00	7	02	2	0	0	—	21.9	20.2	74	0	—
Middle Egypt																							
CAIRO ALMÂZA	00	8	06	3	0	2	8	18.1	26.5	34	0	00	7	04	2	0	0	—	20.8	21.2	67	0	141
CAIRO EZBEKÎYA	00	8	32	2	0	2	8	16.0	26.3	55	0	00	6	02	2	0	0	—	20.4	22.2	64	0	—
CAIRO GÎZA	00	8	02	2	0	2	8	19.0	26.9	41	0	00	8	06	1	0	0	—	21.2	21.2	70	0	—
HELWÂN	00	8	04	3	0	0	—	18.6	26.7	32	0	00	7	04	4	0	0	—	21.0	21.6	61	0	143
SUEZ	01	9	02	2	1	4	8	18.2	26.2	33	0	00	9	32	2	0	0	—		20.9	72	0	144
Upper Egypt																							
FAIYÛM	00	8	32	3	0	0	—	18.2	27.0	38	0	00	8	32	1	0	0	—	20.2	21.1	51	0	153
MINYA	00	9	28	3	0	0	—	16.4	27.9	41	0	00	8	32	3	0	0	—	18.8	23.8	41	0	154
ASYÛT	00	8	30	1	0	0	—	15.4	27.5	24	0	00	6	28	1	0	0	—	18.0	21.3	47	0	155
NAG HAMÂDI	00	8	00	0	0	0	—	14.6	29.6	38	0	00	8	00	0	0	0	—	16.4	17.9	69	0	164
QENA	00	8	24	1	0	0	—	13.8?	28.6	33	0	00	6	24	1	0	0	—	15.1	22.0	53	0	156
LUXOR	00	7	02	2	0	0	—	14.4	30.5	34	0	00	6	28	2	0	0	—	15.7	24.0	33	0	157
ASWÂN	00	9	04	2	0	0	—	12.4	31.6	27	0	00	9	04	3	0	0	—	13.9	28.4	37	0	158
Western Desert																							
SÎWA	00	8	00	0	0	0	—	20.2	28.0	57	0	00	8	00	0	0	0	—	20.8	20.3	72	0	148
BAHARÎYA	00	9	00	0	0	0	—	17.4	25.0	61	0												149
KHÂRGA	00	9	32	1	0	0	—	14.7	29.1	46	0	00	9	32	1	0	0	—	16.3	23.5	29	0	151
DAKHLA	00	9	28	1	0	0	—	15.6	28.3	45	0	00	7	28	2	0	0	—	18.4	19.3	66	0	152
Red Sea																							
TÔR	00	7	28	4	0	0	—	15.2	26.5	49	0	00	7	12	2	0	0	—	17.0	23.2	73	0	145
HURGHÂDA	00	8	32	4	0	0	—	—			0	00	8	04	1	0	0	—	—	23.3	56	0	146
QUSEIR	00	8	32	3	0	0	—	14.7	28.2	56	0	00	8	02	2	0	0	—	15.1	24.0	67	0	147
PORT SÛDÂN	01	9	04	3	1	3	8,4	10	30	59													168
North Sûdân																							
WÂDI HALFA	00	8	02	3	0	0	—	11	31	17													165
KAREIMA	00	8	04	2	0	3	8	8	33	26													166
'ATBARA																							167
KHARTÛM	00	8	02	3	0	1	8	6	35	19													169
KASSALA	00	8	30	3	0	1	8	3	37	20													170
Central Sûdân																							
WAD MEDANI																							171
RENK	00	9	28	3	0	0	—	2?	38	33													182
ROSEIRES	00	8	04	1	0	0	—	4	38	14													172
EL OBEID	02	9	04	3	1	7	4,2	5	34	19													174
EL FÂSHER	00	9	32	2	0	3	1	—	32	16													175
GENEINA	02	8	04	2	1	5	2	—	32	18													179
KADUGLI	00	8	12	3	0	3	1	7	36	17													187
S. Sûdân																							
MALAKÂL	01	8	26	1	1	4	4	5	33	34													176
WÂU	00	8	30	2	0	1	4	3	34	20													177
JUBA	05	7	32	2	1	8	2,2	4	34	36													178

At 8h. on *Wednesday 13th* — الساعة ٨ يوم الأربعاء ١٣

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C MM	Max. Diff. from norm. °C	Minimum Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Norm from Oct 1 mms
Mediterranean																		
SALÛM												—		—				8
MATRÛH	00	9	00	0	0	0	—	23.9	+6.3	19.8	26	+2	15	0	81	0	14	25
MARIUT	00	7	05	1	0	1	1	24	—	19	26	—	21	—	88	0	3	16
ALEXANDRIA	01	9	04	2	1	4	4	17.8	-6.2	24.2	27	+2	22	+5	71	0	3	19
DAMIETTA	01	8	06	2	1	4	8	23.2	+6.6	22.7	24	—	20	—	75	0	dr	12
PORT SA'ÎD	01	8	06	3	1	4	8	23.2	+6.6	23.4	27	+2	22	+4	70	0	4	8
EL 'ARÎSH	00	9	20	1	0	0	—	23.0	+6.2	19.1	26	+1	15	+2	76	0	tr	9
Lower Egypt																		
DAMANHÛR	00	6	08	2	0	0	—	23.0	+5.2	18.4	27	+1	16	+2	94	0	2	9
MANSÛRA	00	8	02	1	0	0	—	23.1	+6.1	21.0	29	+2	17	+2	84	0	dr	5
TANTA	00	8	04	2	0	0	—	22.6	+4.7	19.8	27	0	14	+1	87	0	dr	5
ZAGAZIG	00	6	06	2	0	2	8	23.1	+5.6	19.9	28	+1	16	+3	84	0	dr	3
SHEBÎN EL KÔM	00	8	04	1	1	1	8	22.4	+4.8	17.1	30	—	15	—	95	0	dr	—
Middle Egypt																		
CAIRO ALMAZA	00	7	06	2	0	0	—	22.5	+5.1	19.5	27	—	15	—	79	0	dr	—
CAIRO EZBEKÎYA	09	5	04	2	0	0	—	23.1	+5.7	21.3	29	+2	16	+2	81	0	dr	2
CAIRO GÎZA	05	5	06	1	0	0	—	22.8	+5.3	21.7	27	+1	18	+2	75	0	dr	4
HELWÂN	00	8	06	5	0	0	—	22.3	+4.5	20.8	27	+1	18	+3	78	0	0	2
SUEZ	00	9	02	1	0	0	—			21.2	28	+1	18	+2	75	0	dr	3
Upper Egypt																		
FAIYÛM	00	8	32	3	0	0	—	21.8	+4.5	19.8	28	0	15	+2	78	0	dr	0
MINYA	00	9	32	2	0	0	—	20.0	+2.6	21.4	28	+1	15	+1	60	0	dr	—
ASYÛT	00	7	22	1	0	0	—	20.3	+3.1	18.3	30	+3	14	+1	70	0	0	0
NAG HAMÂDI	00	8	00	0	0	0	—	19.4	+3.2	21.3	31	—	11	—	65	0	0	—
QENA	00	7	02	3	0	0	—	18.4	+2.4	21.6	30	-1	15	+1	54	0	0	—
LUXOR	00	7	28	2	0	0	—	18.0	+2.3	20.6	32	+1	13	[illegible]	44	0	0	—
ASWÂN	00	9	32	2	0	0	—	17.0	+1.5	21.0	33	+1	17	0	49	0	0	—
Western Desert																		
SÎWA	00	7	00	0	0	0	—	22.7	+3.9	17.3	29	+2	10	0	82	0	0	0
BAHARÎYA																	0	1
KHÂRGA	00	9	32	3	0	0	—	17.9?	+1.3	22.5	30	+1	17	+3	48	0	0	—
DÂKHLA	00	8	24	1	0	0	—	19.5	+1.9	19.0	29	0	13	0	63	0	0	—
Red Sea																		
TÔR	00	7	04	2	0	0	—	19.5	+4.0	18.8	28	+?	15	0	53	0	0	2
HURGHÂDA	00	8	28	2	0	0	—	—	—	22.7	28	0	16	0	52	0	0	1
QUSEIR	00	8	02	4	0	0	—	16.0	+0.7	27.3	29	+1	22	+2	49	0	0	1
PORT SÛDÂN															—	40	117	31
North Sûdân																		
WÂDI HALFA	00	8	02	2	0	0	—	15		22					44	0	0	—
KAREIMA	00	8	04	2	0	0	—	13		25					36	0	dr	1
'ATBARA	00	8	32	3	0	0	—	11		26					58	0	dr	2
KHARTÛM	00	8	02	3	0	1	4	10		26					37	0	2	4
KASSALA	00	8	00	0	0	1	4	8		28					58	0	1	8
Central Sûdân																		
WAD MEDANI	00	9	06	4	0	0	—	9		39					32	0	15	11
RENK	00	9	28	3	0	0	—	8		26		—		—	58	—	—	46
ROSEIRES	00	8	16	1	0	0	—	10		24					69	0	21	33
EL OBEID	00	9	32	4	0	1	2	10		24					32	0	69	16
EL FÂSHER	01	9	32	1	1	4	4,1	—	—	18					37	0	4	6
GENEINA								—	—			—		—		—	—	4
KADUGLI	01	8	04	3	0	3	1	10		28		—		—	27	—	—	85
S. Sûdân																		
MALAKÂL	00	8	32	3	0	1	4	9		25					54	0	112	82
WÂU	00	8	00	0	0	2	4	9		22					74	0	144	137
JUBA	05	7	12	1	1	3	1	10		24					84	0	210	112

UPPER WINDS ON 12th — الرياح العليا يوم ١٢

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	12 h. 45 m.	13 h. m.	13 h. m.	h. m.	12 h. 45 m.	h. m.	13 h. 15 m.	12 h. 45 m.	13 h. 15 m.	13 h. m.	13 h. m.	13 h. m.	13 h. m.
	03 02 15	02 03 15	03 04 30		03 01 20		09 03 35	09 01 20	09 25 15	09 01 15	09 02 15	09 02 05	09 05 30
	06 06 15	06 04 15	06 05 15		06 03 20		15 04 35	15 01 20	15 31 15	15 03 15	15 04 30	15 05 05	15 09 20
	09 05 15	09 05 25	09 04 20		09 06 25		18 04 25	21 02 10	21 24 15	21 06 15	21 05 20	21 05 20	21 10 20
	15 04 30	15 04 30	15 04 30		15 03 20			27 03 20	24 23 15	27 10 15	27 12 05	27 05 15	27 08 10
	21 04 50	21 02 50	21 04 05		21 07 20			39 04 15	27 23 20		45 23 15	33 04 10	
	27 04 45	27 02 40			27 03 30				29 27 10			39 06 10	
	30 04 30				30 02 30								
	39 23 55												

UPPER WINDS ON 13th — الرياح العليا يوم ١٣

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	7 h. 30 m.	h. m.	h. m.	7 h. m.	h. m.	7 h. m.	h. m.	7 h. 15 m.	7 h. m.	[illegible] h. m.	6 h. m.
	03 02 30			03 06 30		03 03 30		09 06 35	09 05 35	09 04 40	09 06 55
	06 01 25			06 06 40		06 06 35		15 02 30	15 06 40	15 05 30	15 02 35
	09 02 30			09 08 25		09 06 50		21 05 20	21 04 30	21 03 20	21 29 45
	12 02 35			15 07 20		15 07 80		27 04 40	27 03 20	27 02 15	24 30 35
	15 02 35			21 06 30		18 20 20		33 04 25		33 09 15	30 33 15
	18 03 50			27 06 35		27 22 25		39 04 20			
	21 03 45			30 07 45		30 17 15					
				36 06 40							

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6 h. 45 m.	h. m.	7 h. 30 m.	7 h. 15 m.	h. m.	7 h. m.
09 09 20		09 02 20	09 34 45		09 01 35
15 09 30		15 06 20	15 03 35		15 03 35
21 06 25		21 09 20	21 06 45		21 05 40
27 03 25		24 15 10	27 09 40		27 07 30
33 03 30					33 08 35
					39 09 45

UPPER AIR TEMP. ALMÂZA AT 6h G.M.T. ON 13th

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	1016	62	60
500	998	65	63
1000	980	65	63
1500	962	64	61
2000	945	63	55
4000	878	58	47
6000	814	55	43
8000	755	49	36
10000	699	42	31
12000	649	35	30
14000	597	28	24
16000	551	20	17

CYPRUS SYNOPTIC 8h. ON 13th
34700 02990 28217 23160 96407 00130
24800 03890 22228 25161 37206 00130

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 12th	Diff from normal	Wet Bulb Temp °C on 12th	Diff from normal
Alexandria	64	-2	19.3	+1.8
Ezbekiya	71	+3	18.4	+1.9
Gîza	77	+6	17.5	+1.2
Helwân	66	+10	17.0	+1.8

GÎZA — GRASS MINIMUM TEMP ON 13th 12.0° C

CAIRO — WATER TEMP RIVER NILE AT 8h. ON 13th 21.7° C

Discharges at Aswân measured by sluices m³ per sec. — Date	1946	1945
13 – 11	3241	1505
12 – 11	3241	1505

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	13 — 11	13.30	-0.38	13.32	-0.36
Nâsser		11.21	+0.71	11.23	+0.72
Malakâl		12.89	+0.57	12.89	+0.57
J. Aulia Res.		377.06	—	377.10	—
J. Aulia D.S		373.06	+0.29	373.08	+0.28
Roseires		15.15	+0.97	15.16	+0.91
Sennar Res.		19.12	—	19.02	—
Khartûm		12.67	+0.28	12.70	+0.28
Kh. el Girba					
'Atbara		12.06	+0.41	12.07	+0.39
Kajnarti		136.96	+0.62	137.09	+0.67
Aswân Res.		117.86	—	117.86	—
Aswân D.S		88.34	+1.02	88.34	+0.90
Roda (Cairo)		17.28	-0.01	17.19	-0.17

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	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 metree	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

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.

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

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Time of Sunrise 06 29 hr. Sunset 17 00

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month NOVEMBER 1946 — شهر نوفمبر ١٩٤٦

At 14h. on WEDNESDAY 13th — الساعة ١٤ يوم الأربعاء ١٣

Region	Station	Station Number	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	Temp. °C (ttt)	% Humidity (uu)	Rain 8-14h mms
MEDITERRANEAN	SALÛM	130											
	MATRÛH	131	00	9	08	1	0	0	—	22.9	25.4	57	0
	MARIUT	150	02	7	04	3	1	6	2	22	26	62	0
	ALEXANDRIA	132	02	9	02	2	2	5	2	21.4	25.2	63	0
	DAMIETTA	159	01	8	06	3	1	3	8	22.0	24.0	71	0
	PORT SA'ÎD	134	00	8	04	3	0	3	1	22.8	25.0	64	0
	EL 'ARÎSH	135	01	9	32	3	0	4	1	21.4	25.1	58	0
LOWER EGYPT	DAMANHÛR	136	01	7	12	4	1	3	8	23.4	27.0	56	0
	MANSÛRA	137	01	8	02	2	1	4	0	22.3	27.0	48	0
	TANTA	138	00	8	04	4	0	0	—	20.8	26.7	60	0
	ZAGAZIG	139	00	6	04	3	0	2	8	21.0	27.9	44	0
	SHEBÎN EL KÔM	—	00	8	02	3	1	2	8	19.1	28.9	64	0
MIDDLE EGYPT	CAIRO: ALMÂZA	141	01	8	06	4	0	5	1	20.0	28.1	28	0
	CAIRO: EZBEKÎYA	—	01	8	04	5	1	4	2	20.2	29.8	27	0
	CAIRO: GÎZA	—	01	8	06	3	0	4	1	20.7	27.9	39	0
	HELWÂN	143	01	9	04	5	1	5	1	19.9	28.2	27	0
	SUEZ	144	00	9	02	3	0	0	—	19.9	28.2	33	0
UPPER EGYPT	FAIYÛM	153	01	8	02	4	1	4	1	19.4	28.9	26	0
	MINYA	154	00	9	04	4	0	0	—	17.5	29.3	19	0
	ASYÛT	155	00	8	20	1	0	0	—	15.5	29.5	37	0
	NAG' HAMÂDI	164											
	QENA	156	00	9	02	3	0	0	—	15.1	31.0	27	0
	LUXOR	157	00	7	30	2	0	0	—	15.9	31.0	27	0
	ASWÂN	158	00	9	02	2	0	0	—	13.4	32.4	14	0
WESTERN DESERT	SÎWA	148	00	8	08	3	0	0	—	21.1	28.0	63	0
	BAHARÎYA	149											
	KHÂRGA	151	00	9	08	1	0	0	—	14.8	29.2	34	0
	DAKHLA	152	00	9	28	1	0	0	—	14.7	28.5	45	0
RED SEA	TÛR	145	00	7	28	3	0	0	—	16.8	27.4	48	0
	HURGHADA	146	00	8	32	1	0	0	—	—	27.1	43	0
	QUSEIR	147	00	8	02	4	0	0	—	15.3	28.3	51	0
	PORT SUDÂN	308	00	9	04	2	1	3	8,1	12	28	66	
NORTH SUDAN	WÂDI HALFA	165	00	8	02	3	0	0	—	12	31	17	
	KAREIMA	166	00	8	04	1	0	3	8	9	33	32	
	'ATBARA	167	01	8	02	3	0	4	8	7	34	32	
	KHARTÛM	309	00	8	32	3	0	1	8,1	6	37	19	
	KASSALA	170	00	8	02	2	0	2	4	4	37	20	
CENTRAL SUDAN	WAD MEDANI	171	00	8	28	4	0	3	8	4	37	20	
	RENK	182	00	9	08	3	0	0	—	4	38	21	
	ROSEIRES	172	00	7	04	1	0	0	—	4	38	18	
	EL OBEID	174	00	9	02	3	0	1	4	5	34	20	
	EL FÂSHER	175	00	8	04	2	0	2	—	—	32	20	
	GENEINA	179	01	8	02	3	1	5	1	—	32	17	
	KADUGLI	187	00	8	04	4	0	3	1	5	36	15	
S. SUDAN	MALAKÂL	176	00	8	02	2	0	0	—	5	34	32	
	WÂU	177	00	8	02	2	0	2	8	5	33	30	
	JUBA	178	05	7	02	2	1	3	8,1	4	36	33	

At 20h. on 13th — الساعة ٢٠ يوم الأربعاء ١٣

Region	Station	Station Number	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	Temp. °C (ttt)	% Humidity (uu)	Rain 14-20h mms
MEDITERRANEAN	SALÛM	130											
	MATRÛH	131	00	8	08	1	0	0	—	23.6	20.5	86	0
	MARIUT	150	00	7	03	2	1	0	—	23	21	83	0
	ALEXANDRIA	132	00	5	04	2	0	0	—	23.6	22.4	77	0
	DAMIETTA	159	01	7	04	3	1	3	3	22.7	22.4	74	0
	PORT SA'ÎD	134	00	8	06	4	1	3	2	22.6	23.2	67	0
	EL 'ARÎSH	135	00	9	02	4	0	0	—	22.0	23.2	70	0
LOWER EGYPT	DAMANHÛR	136	01	6	12	3	1	3	1	23.5	20.3	82	0
	MANSÛRA	137	00	6	02	1	1	0	—	23.0	20.8	80	0
	TANTA	138	00	8	32	2	0	0	—	22.0	20.4	88	0
	ZAGAZIG	139	00	6	32	3	0	0	—	22.8	20.5	82	0
	SHEBÎN EL KÔM	—	00	7	02	2	0	0	—	22.8	21.1	79	0
MIDDLE EGYPT	CAIRO: ALMÂZA	141	00	7	04	2	0	0	—	21.5	21.8	63	0
	CAIRO: EZBEKÎYA	—	00	7	02	2	0	0	—	21.6	22.3	63	0
	CAIRO: GÎZA	—	00	8	06	1	0	0	—	22.0	21.6	74	0
	HELWÂN	143	00	7	02	4	0	0	—	21.5	22.2	48	0
	SUEZ	144	00	9	32	1	0	0	—	21.6	21.2	58	0
UPPER EGYPT	FAIYÛM	153	01	8	32	1	1	4	1	20.3	22.9	47	0
	MINYA	154	00	8	32	3	0	0	—	17.8	25.2	27	0
	ASYÛT	155	00	6	30	1	0	0	—	17.8	24.0	30	0
	NAG' HAMÂDI	164	00	8	00	0	0	0	—	17.5	24.3	37	0
	QENA	156	00	7	04	2	0	0	—	17.0	22.2	51	0
	LUXOR	157	00	6	32	1	0	0	—	17.3	22.8	32	0
	ASWÂN	158	00	9	04	4	0	0	—	16.2	28.6	22	0
WESTERN DESERT	SÎWA	148	00	—	00	0	0	0	—	20.8	21.3	75	0
	BAHARÎYA	149	00	—	00	0	0	0	—	19.1	19.0	63	0
	KHÂRGA	151	00	9	32	1	0	0	—	16.3	25.6	25	0
	DAKHLA	152	00	7	28	2	0	0	—	19.6	19.3	62	0
RED SEA	TÛR	145	00	7	12	3	0	0	—	—	21.1	52	0
	HURGHADA	146											
	QUSEIR	147	00	8	02	3	0	0	—	16.4	26.2	56	0
	PORT SUDÂN	308											
NORTH SUDAN	WÂDI HALFA	165											
	KAREIMA	166											
	'ATBARA	167											
	KHARTÛM	309											
	KASSALA	170											
CENTRAL SUDAN	WAD MEDANI	171											
	RENK	182											
	ROSEIRES	172											
	EL OBEID	174											
	EL FÂSHER	175											
	GENEINA	179											
	KADUGLI	187											
S. SUDAN	MALAKÂL	176											
	WÂU	177											
	JUBA	178											

UPPER WINDS ON 13th — الرياح العليا يوم ١٣

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ID	ALMÂZA	MINYA	LUXOR	HURGHADA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	13h m.	h. m.	h. m.	h. m.	13h 15m.	13h. m.	13h. m.	13h. m.	13h. m.	13h 30m.	13h. m.
			03 05 50				03 03 15	09 02 20	09 33 20	09 05 15	09 02 15	09 04 30	09 10 15
			09 05 45				06 05 15	15 04 25	15 33 30	15 05 20	15 03 20	15 04 35	15 10 35
			12 06 35				✓	21 05 20	21 33 15	21 04 20	21 02 05	15 05 40	
			15 06 45					27 08 15	28 31 15	27 03 20	27 14 10		
								30 08 15	27 26 15		33 19 10		
									30 28 15				

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	14th.	3133	1505
	13th.	3241	1525

STATION	Mean of day: Humidity % on 13th	Humidity Diff from normal	Wet Bulb Temp °C on 13th	Wet Bulb Temp Diff from normal
Alexandria	70	+4	19.9	+2.5
Ezbekîya	65	-3	18.4	-2.0
Gîza	67	-4	18.8	+2.7
Helwân	58	+1	17.0	+1.9

GÎZA — GRASS MINIMUM TEMP. ON 14th. 12.1 °C

CAIRO — WATER TEMP AT 9h. RIVER NILE ON 14th. 21.2 °C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	14th.	12.27	-0.40	13.30	-0.38
Nasser		11.30	+0.72	11.21	+0.71
Malakâl		12.89	+0.57	12.89	+0.57
J. Aulia Res.		377.10	—	377.06	—
J. Aulia D.S		373.04	+0.30	373.06	+0.29
Roseires		15.08	+0.95	15.15	+0.97
Sennar Res.		19.22	—	19.12	—
Khartûm		12.66	+0.32	12.67	+0.28
Kh. el Girba					
'Atbara		12.02	+0.42	12.06	+0.41
Kajnarti		136.86	+0.61	136.96	+0.62
Aswân Res.		117.87	—	117.86	—
Aswân D.S		88.24	+1.05	88.34	+1.02
Roda (Cairo)		17.28	+0.05	17.28	-0.01

Printed by the Survey of Egypt, 1945. (45/306)

At 8h. on THURSDAY 14th — الساعة ٨ يوم الخميس ١٤

Region	Station	Station Number	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Pressure M.S.L. 1000+ mbs. (ppp)	Diff. from normal mbs.	Temperature Dry Bulb °C (ttt)	Maximum Yesterday °C (MM)	Maximum Diff. from norm °C	Minimum Today °C (mm)	Minimum Diff. from norm °C	% Humidity (uu)	Rainfall Past 24 hrs mms	Rainfall Total From Oct 1 mms	Rainfall Norm From Oct 1 mms
MEDITERRANEAN	SALÛM	130													—	—				9
	MATRÛH	131	00	9	08	1	0	0	—	23.8	+6.2	23.0	26	+2	18	+3	76	0	14	26
	MARIUT	150	00	7	05	1	0	0	—	24		23	26	—	19	—	89	0	3	17
	ALEXANDRIA	132	00	9	10	3	0	0	—	24.0	+6.0	24.0	27	+2	22	+5	73	0	3	20
	DAMIETTA	159	00	8	04	3	0	0	—	23.1	+6.4	23.3	26	—	22	—	79	0	tr.	12
	PORT SA'ÎD	134	00	8	04	2	0	0	—	23.2	+6.6	24.7	28	+3	22	+4	78	0	4	8
	EL 'ARÎSH	135	00	9	00	0	0	0	—	23.2	+6.3	16.1	29	+2	12	-1	89	0	tr.	9
LOWER EGYPT	DAMANHÛR	136	00	6	04	2	0	0	—	23.1	+5.2	20.0	28	+2	17	+3	93	0	2	9
	MANSÛRA	137	00	8	02	2	0	0	—	22.8	+5.2	22.2	29	+2	19	+4	85	0	tr.	5
	TANTA	138	00	8	00	0	0	0	—	22.2	+4.3	20.8	27	0	15	+2	89	0	tr.	5
	ZAGAZIG	139	00	6	32	2	0	0	—	23.2	+5.7	19.9	28	+1	17	+4	91	0	tr.	3
	SHEBÎN EL KÔM	—	00	8	02	2	0	0	—	23.1	+5.4	18.9	30	—	17	—	92	0	tr.	—
MIDDLE EGYPT	CAIRO: ALMÂZA	141	00	7	07	4	0	0	—	22.0	+4.5	20.2	28	—	15	—	57	0	tr.	—
	CAIRO: EZBEKÎYA	—	08	6	02	2	4	0	—	22.2	+4.7	20.3	30	+4	16	+2	84	0	tr.	2
	CAIRO: GÎZA	—	00	7	32	1	0	0	—	22.6	+5.1	19.3	28	+2	15	+3	79	0	tr.	4
	HELWÂN	143	00	7	04	4	0	0	—	21.6	+3.8	22.1	28	+2	18	+3	63	0	0	2
	SUEZ	144	00	9	00	0	0	0	—	22.6	+6.0	21.8	29	+2	17	+1	51	0	tr.	3
UPPER EGYPT	FAIYÛM	153	00	8	02	2	0	0	—	21.6	+4.2	20.0	30	+3	17	+4	68	0	tr.	0
	MINYA	154	00	9	32	1	0	0	—	20.8	+3.3	23.6	29	+2	14	+1	70	0	tr.	—
	ASYÛT	155	00	7	22	1	0	0	—	20.4	+3.1	18.0	31	+4	14	+1	62	0	0	0
	NAG' HAMÂDI	164	00	8	00	0	0	0	—	19.5	+3.3	20.6	32	—	16	—	53	0	0	—
	QENA	156	00	7	08	2	0	3	1	18.7	+2.6	23.4	31	0	18	+4	47	0	0	—
	LUXOR	157	00	7	28	2	0	0	—	18.8	+3.0	23.0	33	+2	14	+1	38	0	0	—
	ASWÂN	158	00	9	02	1	0	0	—	17.6	+2.0	22.0	33	+2	18	+1	42	0	0	—
WESTERN DESERT	SÎWA	148	00	7	00	0	0	0	—	22.6	+3.8	17.8	28	+1	13	+3	94	0	0	0
	BAHARÎYA	149	00	9	32	1	0	0	—	20.1	+1.3	18.0	26	-1	14	+2	71	0	0	1
	KHÂRGA	151	00	9	32	1	0	0	—	18.2	+2.5	20.5	30	+1	14	+1	45	0	0	—
	DAKHLA	152	00	8	34	1	0	0	—	19.6	+1.9	18.0	30	+1	13	0	57	0	0	—
RED SEA	TÛR	145	00	7	04	2	0	0	—	18.8	+3.2	17.8	28	+2	15	0	49	0	0	2
	HURGHADA	146																—	0	1
	QUSEIR	147	00	8	32	4	0	0	—	17.5	+2.1	29.0	29	+1	23	+3	64	0	0	1
	PORT SUDÂN	308	00	9	30	3	0	1	2	14		27					66	0	117	32
NORTH SUDAN	WÂDI HALFA	165																0	0	—
	KAREIMA	166																0	tr.	1
	'ATBARA	167	00	8	04	3	0	0	—	12		26					51	0	tr.	2
	KHARTÛM	309	00	8	04	3	0	1	4	11		29					60	0	2	4
	KASSALA	170	00	8	06	1	0	2	4			30					46	0	1	8
CENTRAL SUDAN	WAD MEDANI	171	00	9	06	4	0	2	1	9		28					45	0	15	11
	RENK	182	00	9	28	3	0	0	—	9		26		—		—	58	—	—	46
	ROSEIRES	172	00	8	20	1	0	1	1	9		23					95	0	21	33
	EL OBEID	174	01	9	30	3	1	5	4,1	11		23					36	0	69	16
	EL FÂSHER	175	01	9	00	0	1	6	2	—	—	18					34	0	4	6
	GENEINA	179	01	8	01	4	1	4	1	—	—	20		—		—	35	—	—	4
	KADUGLI	187	00	8	20	2	0	3	1	11		26		—		—	40	—	—	85
S. SUDAN	MALAKÂL	176	00	8	30	3	0	1	4	9		27					55	0	112	83
	WÂU	177	01	8	00	0	1	4	4,2	10		23					78	0	144	137
	JUBA	178	02	8	14	1	1	5	2	10		24					74	0	210	113

UPPER WINDS ON 14th — الرياح العليا يوم ١٤

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ID	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	9h m.	h. m.	7h. m.	h. m.	7h. m.	h. m.	h. m.	h. m.	6h 15m
			02 05 20		02 00 00		02 36 10				09 04 30
			05 06 40		05 04 25		05 05 35				15 36 15
			08 06 25		10 35 10		10 08 30				18 32 25
			10 06 25		15 06 20		15 08 35				
			15 06 60				20 10 60				
			20 07 65				25 12 40				
							30 12 40				
							35 10 20				

KASSALA	PORT SUDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7h 15 m.	7h. m.	7h. m.	7h 30m.	7h 15 m.	7h 30 m.
09 10 50	09 06 25	09 02 40	09 03 15	09 06 45	09 36 50
15 07 15	15 09 25	15 03 40	15 07 20	15 06 50	15 02 50
21 05 20	21 10 35	21 36 25	21 11 25	21 09 02	21 03 70
27 04 20	✓	27 07 05	24 12 25	27 22 15	27 03 60
		33 18 20		33 21 15	33 04 55
				39 08 25	36 03 50

UPPER AIR TEMP. ALMÂZA AT 6h. G.M.T. ON 14th.

HEIGHT feet	PPP m.b.	TT °C	tt °F
Surface	1012	65	63
500	994	70	61
1000	976	71	57
1500	958	70	56
2000	941	68	54
4000	874	65	47
6000	811	59	43
8000	752	52	39
10000	196	45	34
12000	644	36	26
14000	595	38	24
16000	548	18	17

CYPRUS SYNOPTIC 8h. ON 14th.

34700 00990 28100 24162 ×0×1× 00×××

ANNUAL SUBSCRIPTION P.T. 150

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	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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Time of Sunrise 06 h. 20 m.
Sunset 17 h. 00 m.

Month November 1946 — شهر نوفمبر ١٩٤٦

At 14h. on Thursday 14th — الساعة ١٤ يوم الخميس ١٤ — At 20h. on 14th — الساعة ٢٠ يوم الخميس ١٤

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	Rain 8-14h. mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	Rain 14-20h. mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	01	9	06	2	0	4	8	22.8	20.4	69	0	01	8	00	0	1	4	8	23.0	20.5	88	0	131
MARIUT	00	7	05	4	0	0	—	22	27	62	0	00	7	00	0	0	0	—	22	19	94	0	150
ALEXANDRIA	01	9	06	3	1	3	8	22.0	25.4	65	0	00	5	12	2	0	0	—	22.4	22.0	72	0	132
DAMIETTA	00	8	04	3	0	2	3	22.0	24.5	67	0	00	7	06	2	1	0	—	21.5	22.2	85	0	159
PORT SAʽÎD	00	8	04	3	0	2	1	22.4	25.4	71	0	00	8	04	2	1	3	2	22.0	22.9	78	0	134
EL ʽARÎSH												00	9	04	2	0	0	—	21.4	21.9	80	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	04	4	0	0	—	21.8	27.8	54	0	00	7	04	2	0	0	—	21.9	19.2	78	0	136
MANSÛRA	00	8	02	2	0	0	—	22.0	28.2	51	0	00	6	04	2	0	0	—	22.3	21.0	82	0	137
TANTA	00	8	32	3	0	0	—	21.2	27.0	61	0	00	8	32	2	0	0	—	21.5	18.0	91	0	138
ZAGAZIG	00	6	04	3	0	0	—	21.6	27.8	46	0	00	6	32	2	0	0	—	21.9	20.4	82	0	139
SHEBÎN EL KÔM	00	8	04	4	0	0	—	21.2	29.3	37	0	00	7	02	2	0	0	—	22.0	21.1	58	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	06	5	0	0	—	19.7	29.0	29	0	00	7	06	3	0	0	—	20.9	22.1	66	0	141
CAIRO EZBEKÎYA	05	7	04	5	0	0	—	20.0	28.9	48	0	00	7	04	2	0	0	—	20.8	23.7	70	0	—
CAIRO GÎZA	00	8	06	4	0	0	—	20.3	28.8	26	0	00	8	00	0	0	0	—	21.2	21.5	71	0	—
HELWÂN	00	8	04	4	0	0	—	19.4	29.0	17	0	00	7	04	5	0	0	—	20.7	22.3	50	0	143
SUEZ	00	9	02	1	0	0	—	19.6	29.4	32	0	00	9	02	2	0	0	—	21.5	25.4	63	0	144
UPPER EGYPT																							
FAIYÛM	00	8	32	2	0	0	—	18.8	30.5	25	0	00	8	02	2	0	0	—	20.2	23.0	38	0	153
MINYA	00	9	30	2	0	0	—	18.3	29.8	38	0	00	8	30	1	0	0	—	18.7	21.7	56	0	154
ASYÛT	00	8	28	1	0	0	—	17.8	30.0	38	0	00	6	22	1	0	0	—	19.5	21.8	59	0	155
NAGʽ HAMÂDI	00	8	00	0	0	0	—	16.0	32.0	42	0	00	8	00	0	0	0	—	17.5	20.8	73	0	164
QENA	00	9	10	2	0	0	—	15.2	32.1	31	0	00	6	12	2	0	0	—	16.7	23.2	55	0	156
LUXOR	00	7	30	2	0	0	—	16.4	32.5	27	0	00	6	28	1	0	0	—	17.9	25.4	32	0	157
ASWÂN	01	9	30	1	1	3	4	18.4	34.4	25	0	00	9	08	4	0	0	—	15.2	30.0	26	0	158
WESTERN DESERT																							
SÎWA	00	8	08	2	0	0	—	21.0	29.0	34	0	00	—	00	0	0	0	—	20.8	22.4	66	0	148
BAHARÎYA												00	—	00	0	0	0			19.0	63	0	149
KHÂRGA	00	9	32	1	0	0	—	16.0	30.5	30	0	00	9	32	1	0	0	—	16.6	25.2	41	0	151
DAKHLA	00	9	28	1	0	0			29.0	44	0	00	7	28	2	0	0	—	19.2	18.8	56	0	152
RED SEA																							
TÔR	00	7	28	3	0	0	—	17.4	26.9	56	0	00	7	28	3	0	0	—	19.4	22.2	61	0	145
HURGHÂDA	00	8	32	2	0	0	—	—	28.7	32	0	00	8	20	1	0	0	—	—	24.1	54	0	146
QUSEIR	00	8	02	2	0	0	—	17.4	29.0	60	0	00	8	32	2	0	0	—	17.4	24.2	66	0	147
PORT SÛDÂN	22	9	26	2	4	7	9,4	18	30	61	dr												208
NORTH SÛDÂN																							
WÂDI HALFA	01	8	32	3	1	4	8,2	12	33	26													165
KAREIMA	00	8	04	1	0	1	8	9	34	22													166
ʽATBARA	00	8	32	1	0	1	8	7	34	29													167
KHARTÛM	00	8	30	3	0	2	1	7	35	20													209
KASSALA	00	8	02	3	0	1	8	4	37	22													170
CENTRAL SÛDÂN																							
WAD MEDANI	02	8	22	4	1	6	1	6	36	15													171
RENK	00	9	04	3	0	0	—		38	21													182
ROSEIRES	01	8	08	1	1	4	1	6	37	27													172
EL OBEID	01	9	32	2	1	3	1	5	34	16													174
EL FÂSHER	01	7	05	3	1	3	1	—	32	17													175
GENEINA																							179
KADUGLI																							187
S. SÛDÂN																							
MALAKÂL	00	8	32	1	0	1	4	5	34	36													176
WÂU	02	8	22	3	1	5	8,2	5	34	29													177
JUBA	02	8	04	2	1	5	8,2	6	35	30													178

UPPER WINDS ON 14th — الرياح العليا يوم ١٤

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SAʽÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	12 h. 30 m.	12 h. 30 m.	h. m.	h. m.	h. m.	h. m.	13 h. 45 m.	12 h. 45 m.	13 h. m.	13 h. 15 m.	13 h. m.	13 h. m.	13 h. m.
	03 01 25	03 05 30					09 02 30	09 04 20	09 04 10	09 03 20	09 01 10	09 09 05	09 07 10
	08 02 25	06 06 40					15 02 30	15 02 45	15 02 15	15 04 15	15 04 20	15 07 20	15 11 30
	09 02 30	09 06 35					21 10 35	21 35 35	21 28 15	21 04 20	21 02 35	21 06 35	21 09 30
	15 01 40	15 02 40					30 09 35	27 35 20	24 29 20	27 16 05	27 06 15	30 09 20	27 10 20
	21 01 20	21 07 35							30 23 40	33 27 05	33 16 10	33 06 35	33 11 35
	27 05 35	27 05 20										39 06 20	39 07 20
	30 01 35	30 05 30											
	33 01 35	33 05 05											
	36 02 40	36 09 30											

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	Date	1946	1945
	15-11	3053	1620
	14-11	3133	1505

Station	Mean of day: Humidity % on 14th	Diff from normal	Wet bulb temp °C on 14th	Diff from normal
Alexandria	68	+2	20.2	+2.9
Ezbekiya	70	+2	19.9	+3.7
Giza	68	-3	17.5	+1.5
Helwân	41	-16	15.7	+0.7

GÎZA — GRASS MINIMUM TEMP. ON 15th 11.2 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 15th 20.8 °C

Gauge	Date	Reading	Diff from normal	Previous day Reading	Previous day Diff. from normal
	1946	m.	m.	m.	m.
Jûba	15-11	13.27	-0.50	13.27	-0.40
Nâsser				11.30	+0.72
Malakâl		12.90	+0.58	12.89	+0.57
J. Aulia Res.				377.10	—
J. Aulia D.S				373.04	+0.30
Roseires		15.01	+0.93	15.08	+0.95
Sennar Res.		19.23	—	19.22	—
Khartûm		12.65	+0.34	12.66	+0.32
Kh. el Girba					
ʽAtbara		11.99	+0.40	12.02	+0.42
Kajnarti		136.38	+0.60	136.86	+0.61
Aswân Res.		117.90	—	117.87	—
Aswân D.S		88.14	+1.07	88.24	+1.05
Roda (Cairo)		17.30	+0.13	17.28	+0.05

At 8h. on Friday 15th — الساعة ٨ يوم الجمعة ١٥

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C	Max. Diff. from norm. °C	Minimum Today °C	Min. Diff from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct 1 mms
MEDITERRANEAN																		
SALÛM												—		—				10
MATRÛH	00	9	00	0	5	0	—	22.6	+5.0	20.8	26	+2	16	+1	83	dr	14	27
MARIUT	05	6	00	0	4	0	—	22	—	19	27	—	16	—	88	0	3	18
ALEXANDRIA	00	8	04	2	0	0	—	22.6	+4.6	23.0	27	+2	20	+3	67	0	3	21
DAMIETTA	00	7	04	3	1	2	1	22.2	+5.5	22.9	25	—	20	—	84	0	dr	13
PORT SAʽÎD	00	8	06	2	0	3	3	22.3	+5.6	24.2	27	+2	22	+5	79	0	4	9
EL ʽARÎSH	00	9	00	0	0	0	—	21.6	+4.6	20.9	28	+3	18	+5	72	0	tr	10
LOWER EGYPT																		
DAMANHÛR	05	5	08	2	0	0	—	22.0	+4.1	18.0	28	+2	16	+2	96	0	2	10
MANSÛRA	41	8?	16	2	4	0	—	22.0	+4.9	21.0	30	+4	17	+3	91	0	dr	5
TANTA	04	4	00	0	4	9	—	22.0	+4.1	18.8	28	+2	14	+1	99	0	dr	5
ZAGAZIG	00	6	08	2	0	0	—	22.3	+4.7	20.5	29	+2	15	+2	86	0	dr	3
SHEBÎN EL KÔM	04	2	04	1	4	9	—	23.2	+5.5	17.7	30	—	16	—	96	0	dr	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	02	1	0	0	—	21.2	+3.7	17.9	29	—	16	—	76	0	dr	—
CAIRO EZBEKÎYA	09	5	02	2	0	0	—	21.2	+3.7	19.3	31	+5	16	+2	85	0	dr	2
CAIRO GÎZA	09	6	32	1	0	0	—	21.9	+4.3	19.9	29	+3	14	+2	81	0	dr	4
HELWÂN	05	6	00	0	0	0	—	21.2	+3.3	19.6	30	+5	18	+3	67	0	0	2
SUEZ	00	9	00	0	0	0	—	20.8	+4.1	21.9	31	+4	17	+1	70	0	dr	3
UPPER EGYPT																		
FAIYÛM	00	8	32	1	0	2	1	20.7	+3.2	18.5	31	+4	14	+1	66	0	dr	0
MINYA	00	9	00	0	0	0	—	20.0	+3.4	21.5	30	+4	14	+1	51	0	dr	—
ASYÛT	00	7	22	1	0	0	—	19.9	+2.5	18.7	32	+5	14	+1	65	0	0	0
NAGʽ HAMÂDI	00	8	00	0	0	0	—	19.9	+2.9	22.7	33	—	13	—	61	0	0	—
QENA	00	7	02	2	0	0	—	19.1	+2.9	22.0	33	+3	15	+1	42	0	0	—
LUXOR	00	7	28	2	0	0	—	19.2	+3.3	23.0	34	+3	16	+4	31	0	0	—
ASWÂN	00	9	02	2	0	0	—	17.6	+1.8	22.5	36	+5	19	+2	41	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	21.4	+2.5	18.9	29	+2	14	+4	75	0	0	0
BAHARÎYA	00	9	00	0	0	0				18.2	28	+2	13	+1	69	0	0	6
KHÂRGA	00	9	02	1	0	0	—	17.8	+1.0	23.4	32	+3	15	+2	43	0	0	—
DÂKHLA	00	8	24	1	0	0	—	18.6	+0.8	21.3	31	+2	16	+4	54	0	0	—
RED SEA																		
TÔR	00	7	04	3	0	0	—	19.5	+3.9	19.7	27	+1	15	0	48	0	0	2
HURGHÂDA	00	8	28	2	0	0	—	—	—	23.8	29	+2	15	-1	34	0	0	1
QUSEIR	00	8	30	2	0	0	—	17.6	+2.2	25.3	29	+1	22	+2	59	0	0	1
PORT SÛDÂN	00	8	30	2	0	2	6	15		27					79	dr	117	34
NORTH SÛDÂN																		
WÂDI HALFA	00	8	03	2	0	0	—	15		23					68	0	0	—
KAREIMA	00	8	06	1	0	0	—	12		26					55	0	dr	1
ʽATBARA	00	7	04	2	0	0	—	12		26					58	0	dr	2
KHARTÛM	00	8	03	2	0	0	—	11		27					40	0	2	4
KASSALA																0	1	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	08	4	0	0	—	9		28					45	0	15	4
RENK	01	9	12	3	1	4	2	8		28		—		—	66	—	—	46
ROSEIRES	01	8	16	1	1	5	8	11		22					74	0	21	33
EL OBEID	01	8	30	2	1	3	4,2	11		24					34	0	69	16
EL FÂSHER	01	9	32	1	0	4	2	—	—	21					28	0	4	6
GENEINA								—	—			—		—		—	—	4
KADUGLI	02	8	28	2	1	5	1	11		25		—		—	47	—	—	86
S. SÛDÂN																		
MALAKÂL	01	7	00	0	1	5	4,3	10		26					74	0	112	83
WÂU	01	8	00	0	1	4	2	10		22					83	0	144	138
JUBA	05	7	16	2	1	4	2	11		24					74	0	210	114

UPPER WINDS ON 15th — الرياح العليا يوم ١٥

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SAʽÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	7 h. 15 m.	7 h. 15 m.	7 h. m.	7 h. m.
								09 10 45	09 01 20	09 06 40	09 08 40
								15 10 30	15 13 30	15 04 15	15 04 20
								21 08 30	21 16 45	21 08 10	21 34 15
									27 15 30	27 11 15	27 27 15
										33 09 10	33 23 35
											39 23 25

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	h. m.	7 h. m.	h. m.	h. m.	7 h. m.
		09 05 40			09 01 05
		15 04 25			15 03 05
		21 05 20			21 03 05
		27 08 15			27 03 35
		39 18 20			39 05 30

CYPRUS SYNOPTIC 8h. ON 15th

34700 02990 28215 23171 16406 00130.
34800 02990 26145 24151 26004 00120.

UPPER AIR TEMP. ALMÂZA AT 6h GMT ON 15th

HEIGHT feet	P.P.P m.b.	TT °F	tt °F
Surface	1012	60	53
500	994	68	56
1000	976	72	56
1500	958	72	56
2000	941	72	56
4000	874	67	50
6000	811	60	45
8000	752	54	39
10000	696	46	33
12000	644	38	27
14000	595	30	24
16000	548	21	17

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

ANNUAL SUBSCRIPTION P.T. 150

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Time of Sunrise 05 h. 27 m. Sunset 16 h. 57 m.

Month NOVEMBER 1946 — شهر نوفمبر ١٩٤٦

At 14h. on FRIDAY 15th (الساعة ١٤ يوم ١٥) — At 20h. on 15th (الساعة ٢٠ يوم الجمعة ١٥)

	Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8–14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14–20h mms	Station Number
Mediterranean	SALÛM																							130
	MATRÛH	00	9	08	3	0	0	—	20.3	26.0	62	0	00	8	00	0	0	0	—	20.4	21.0	78	0	131
	MARIUT	00	7	05	3	0	1	1	20	27	62	0	00	7	03	1	0	0	—	21	20	88	0	150
	ALEXANDRIA	01	9	06	3	1	4	1	20.3	25.7	69	0	00	5	10	2	0	0	—	21.0	22.0	82	0	132
	DAMIETTA	00	8	04	3	1	3	3	20.3	24.6	75	0	00	7	04	1	1	2	3	20.7	22.0	91	0	159
	PORT SAÏD	00	8	04	2	0	3	2	20.4	25.0	76	0	01	8	06	2	1	3	6	20.8	22.4	80	0	134
	EL 'ARÎSH	00	9	32	3	0	0	—	20.0	24.3	72	0	00	9	00	0	0	0	—	21.4	19.6	86	0	135
Lower Egypt	DAMANHÛR	00	7	08	4	0	0	—	20.9	27.3	52	0	00	7	04	3	1	0	—	20.9	20.2	82	0	136
	MANSÛRA	00	8	04	2	0	0	—	20.2	28.0	56	0	00	6	04	1	0	0	—	20.8	20.8	91	0	137
	TANTA	00	8	04	3	1	0	—	20.1	27.7	56	0	00	8	32	1	1	0	—	20.6	19.3	95	0	138
	ZAGAZIG	00	6	04	3	0	0	—	20.1	28.5	43	0	00	6	32	2	0	0	—	20.3	20.9	78	0	139
	SHEBÎN EL KÔM	00	8	02	2	0	0	—	20.2	30.4	46	0	00	7	02	2	0	0	—	21.5	22.0	79	0	---
Middle Egypt	Cairo ALMÂZA	00	8	04	3	0	0	—	18.3	30.8	25	0	00	7	06	3	0	0	—	19.5	23.0	66	0	141
	Cairo EZBEKÎYA	00	8	02	3	0	0	—	18.0	31.9	19	0	00	6	02	2	0	0	—	19.5	24.2	60	0	—
	Cairo GÎZA	00	8	04	4	0	0	—	18.2	30.2	26	0	00	8	04	1	0	0	—	19.8	22.8	64	0	—
	HELWÂN	00	9	06	3	0	1	1	17.8	32.7	13	0	00	7	04	5	0	3	1	18.6	24.0	48	0	143
	SUEZ	00	9	00	0	0	0	—	18.4	32.4	23	0	00	9	00	0	0	0	—	19.4	22.2	49	0	144
Upper Egypt	FAIYÛM	00	8	00	0	0	0	—	18.2	32.0	26	0	00	8	32	1	0	2	1	18.3	23.9	49	0	153
	MINYA	00	9	30	2	0	0	—	17.2	30.3	33	0	00	8	32	1	0	0	—	18.6	21.3	56	0	154
	ASYÛT	00	8	26	1	0	0	—	17.2	30.0	30	0	00	6	28	1	0	0	—	18.6	22.0	74	0	155
	NAG HAMADI	00	8	00	0	0	0	—	16.2	32.4	37	0	00	8	00	0	0	0	—	17.4	22.0	58	0	164
	QENA	00	9	24	1	0	0	—	15.0	31.6	42	0	00	6	24	2	0	0	—	17.1	23.4	49	0	156
	LUXOR	00	7	30	2	0	0	—	15.8	33.0	30	0	00	6	28	3	0	0	—	19.4	27.4	24	0	157
	ASWÂN	01	9	32	1	1	3	4	13.0	34.0	22	0	00	9	08	3	0	0	—	15.0	31.3	26	0	158
Western Desert	SÎWA	00	8	00	0	0	0	—	19.8	28.5	43	0	00	—	00	0	0	0	—	19.5	18.4	65	0	148
	BAHARÎYA	00	9	00	0	0	0	—	18.4	31.8	29	0												149
	KHÂRGA	00	9	02	2	0	0	—	16.6	33.7	23	0	00	9	32	1	0	0	—	16.3	24.5	37	0	151
	DAKHLA	00	9	28	1	0	0	—		29.3	43	0	00	7	28	2	0	0	—	18.8	21.0	56	0	152
Red Sea	TÔR	00	7	28	2	0	0	—	17.9	26.9	56	0	00	7	28	3	0	0	—	19.5	23.2	57	0	145
	HURGHADA	00	8	04	1	0	0	—	—	28.2	49	0	00	8	06	1	0	0	—	18.3	21.0	59	0	146
	QUSEIR	00	9	02	2	0	0	—	16.1	29.3	63	0	00	8	32	2	0	0	—	17.2	25.0	70	0	147
	PORT SUDÂN	02	8	04	2	9	5	9,1	13	29	70													[illegible]
North Sûdân	WADI HALFA																							165
	KAREIMA																							166
	'ATBARA	01	8	28	3	1	3	8	7	36	22													167
	KHARTÛM	00	8	00	0	0	1	8	7	37	19													209
	KASSALA	00	8	04	2	0	2	8	4	38	19													170
Central Sûdân	WAD MEDANI	00	8	08	4	0	2	8	5	37	13													171
	RENK	01	9	08	3	1	4	8		39	20													182
	ROSEIRES	01	8	12	1	0	3	8		38	29													172
	EL OBEID	01	9	04	3	1	5	4,2	5	35	15													174
	EL FASHER																							175
	GENEINA																							179
	KADUGLI	01	8	04	4	1	4	—	6	36	15													187
S. Sûdân	MALAKÂL	02	8	30	1	1	6	4,2	5	34	36													176
	WÂU	01	8	32	2	1	4	8,1	5	33	38													177
	JUBA	02	8	02	4	1	5	8,2	5	35	30													178

UPPER WINDS ON 15th (الرياح العليا يوم ١٥)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SAÏD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	12h. 30m.	13h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13h. m.	13h. m.	13h. m.	13h. m.	13h. m.
		03 05 25	03 04 30						09 34 05	09 10 10	09 05 40	09 01 05	09 09 15
		06 10 20	06 06 30						15 01 05	15 09 05	15 02 15	15 06 05	15 08 10
		09 06 15	09 08 30						21 01 15	21 13 05	21 03 40	21 10 05	21 10 15
		15 02 15	15 07 25						24 36 15	27 05 05	27 02 20	27 05 05	27 10 10
		21 04 15	18 06 35						27 36 20	30 04 10	33 04 10	33 08 60	33 12 20
		30 07 05									39 17 15	39 07 55	
		39 29 10											
		45 36 05											

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 15th	Diff from normal	Wet bulb temp °C on 15th	Diff from normal
Alexandria	70	+4	20.2	+3.0
Ezbekiya	65	-3	18.3	+2.2
Giza	65	-6	18.6	+2.7
Helwân	53	-4	16.7	+1.8

GIZA — Grass minimum temp on 16th 9.8° C

CAIRO — Water temp River Nile at 8h. on 16th 20.9° C

Discharges at Aswân measured by sluices m³ per sec. Date	1946	1945
16th	2954	1736
15th	3053	1620

Gauge	Date	Reading	Diff from normal	Previous day Reading	Previous day Diff. from normal
	1946	m.	m.	m.	m.
Jûba	16th			13.72	-0.50
Nâsser					
Malakâl				12.90	+0.58
J. Aulia Res.					
J. Aulia D.S					
Roseires		14.90	+0.88	15.01	+0.93
Sennar Res.				19.23	—
Khartum				12.65	+0.34
Kh. el Girba					
'Atbara		11.97	+0.42	11.99	+0.40
Kajnarti				136.78	+0.60
Aswân Res.		117.94	—	117.90	—
Aswân D.S		88.04	+1.10	88.74	+1.07
Roda (Cairo)		17.30	+0.19	17.30	+0.13

Printed by the Survey of Egypt, 1945.(45/306)

At 8h. on SATURDAY 16th (الساعة ٨ يوم السبت ١٦)

	Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff from norm °C	% Humidity	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Mediterranean	SALÛM												—		—				10
	MATRÛH	09	7	00	0	0	4	8	20.3	+2.7	16.8	27	+4	15	0	94	0	14	27
	MARIUT	02	7	11	3	4	7	6	21		20	27	—	17	—	83	0	3	19
	ALEXANDRIA	02	8	14	3	1	5	9	20.8	+2.8	19.4	28	+3	19	+2	87	0	3	22
	DAMIETTA	00	7	12	1	1	3	3	20.0	+3.3	22.2	26	—	20	—	87	0	dr.	14
	PORT SAÏD	01	8	04	2	1	4	2	20.4	+3.7	21.4	28	+3	20	+3	89	0	4	9
	EL 'ARÎSH	01	9	00	0	0	4	0	20.7	+3.6	17.4	27	+2	14	+1	95	0	tr.	10
Lower Egypt	DAMANHÛR	01	5	12	3	5	4	8	20.6	+2.6	20.0	28	+2	17	+3	91	dr.	2	10
	MANSÛRA	40	3	04	1	4	9	—	21.1	+4.0	18.5	30	+4	17	+3	95	0	dr.	6
	TANTA	40	3	04	3	4	9	—	20.2	+2.2	19.3	28	+2	17	+4	99	0	dr.	5
	ZAGAZIG	00	6	02	3	0	2	8	20.4	+2.8	17.2	30	+4	16	+3	97	0	dr.	3
	SHEBÎN EL KÔM	00	8	04	2	0	2	8	20.3	+2.6	18.9	32	—	17	—	92	0	dr.	—
Middle Egypt	Cairo ALMAZA	05	6	00	0	0	3	1	19.9	+2.4	17.8	31	—	14	—	74	0	dr.	—
	Cairo EZBEKÎYA	08	4	30	1	4	3	1	20.3	+2.8	18.2	33	+7	15	+1	72	0	dr.	3
	Cairo GÎZA	09	6	32	1	0	2	1	20.0	+2.4	16.2	31	+5	13	+1	87	0	dr.	4
	HELWÂN	09	5	00	0	0	1	1	20.3	+2.3	17.3	33	+8			68	0	0	2
	SUEZ	00	9	00	0	0	0	—	20.3	+3.6	20.8	35	+8	15	0	50	0	dr.	4
Upper Egypt	FAIYÛM	09	6	00	0	1	2	1	20.2	+2.7	17.0	34	+7	13	0	83	0	dr.	0
	MINYA	00	9	28	1	0	0	—	19.4	+1.7	21.7	30	+4	14	+1	59	0	dr.	—
	ASYÛT	00	7	12	1	0	0	—	19.2	+1.7	22.0	33	+7	15	+2	47	0	0	0
	NAG HAMÂDI	00	8	00	0	0	0	—	19.4	+3.1	22.7	34	—	12	—	59	0	0	—
	QENA	00	7	28	2	0	0	—	18.8	+2.5	21.4	33	+3	17	+4	53	0	0	—
	LUXOR	00	7	32	1	0	0	—	19.2	+3.2	24.8	35	+4	15	+3	29	0	0	—
	ASWÂN	00	9	32	2	0	0	—	17.8	+1.9	23.2	37	+6	20	+4	38	0	0	—
Western Desert	SÎWA	00	7	00	0	0	0	—	20.0	+1.1	16.2	29	+2	9	-1	71	0	0	0
	BAHARÎYA																	0	1
	KHÂRGA	00	9	32	1	0	0	—	17.5	+0.6	25.0	34	+5	17	+4	28	0	0	—
	DÂKHLA	00	8	24	1	0	0	—	18.6	+0.7	22.5	30	+2	16	+4	55	0	0	—
Red Sea	TÔR	00	7	04	2	0	0	—	18.3	+2.6	20.9	27	+1	15	0	34	0	0	2
	HURGHÂDA	00	8	28	3	0	0	—	19.4	+3.6	24.6	29	+2	18	+2	29	0	0	1
	QUSEIR	00	8	28	2	0	0	—	17.5	+2.0	23.8	30	+2	22	+2	41	0	0	1
	PORT SÛDÂN	00	8	32	3	1	2	8	15		27					84	7	124	35
North Sûdân	WÂDI HALFA	00	8	32	1	0	0	—	15		23					38	0	0	—
	KAREIMA	00	8	08	2	0	0	—	12		26					58	0	dr.	1
	'ATBARA	00	8	02	3	0	0	—	10		26					45	0	dr.	2
	KHARTÛM	00	8	32	2	0	1	4	11		27					40	0	2	4
	KASSALA	00	8	06	4	0	3	4	9		30					38	0	1	8
Central Sûdân	WAD MEDANI	01	7	06	4	1	5	3	10		27					45	0	15	11
	RENK	00	9	28	3	0	0	—	8?		30		—		—	40	—	—	46
	ROSEIRES	00	8	16	1	0	0	—	11		24					61	0	21	34
	EL OBEID	00	9	32	3	0	0	—	11		27					23	0	69	16
	EL FÂSHER	01	9	28	2	1	3	4,1	—	—	21					35	0	4	6
	GENEINA	00	8	04	3	0	0	—	—	—	22		—		—	33	—	—	4
	KADUGLI	00	8	28	2	1	3	1	10		27		—		—	33	—	—	86
S. Sûdân	MALAKÂL	01	8	04	1	1	3	4,1	9		27					55	0	112	83
	WÂU	02	8	00	0	1	5	2	10		23					84	0	144	138
	JUBA	02	8	10	1	1	5	4,1	10		25					74	0	210	115

UPPER WINDS ON 16th (الرياح العليا يوم ١٦)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour

MATRÛH	MARIUT	PORT SAÏD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	8h. 45m.	h. m.	7h. m.	h. m.	7h. m.	7h. 15m.	h. m.	7h. m.	6h. m.
			02 10 05		02 33 10		02 01 25	09 09 45		09 06 15	09 08 40
			05 16 05		05 34 20		05 07 55	15 11 30		15 05 20	15 06 45
			10 14 05				10 08 55	21 11 40		21 04 15	21 05 35
			15 17 15				15 09 35	27 14 40		27 01 15	27 05 30
			20 13 10				20 11 10			33 36 05	30 36 05
			30 08 10				25 09 20			39 36 10	
			40 09 05				30 10 20				
			50 02 10				35 10 35				
			60 01 20				40 08 40				

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6h. 45m.	7h. m.	7h. 30m.	7h. 15m.	7h. m.	7h. m.
09 09 30	09 02 20	09 05 50	09 33 15	09 06 35	09 02 20
15 09 15	15 03 20	15 05 40	15 04 30	15 08 45	15 04 20
21 05 25	21 05 20	21 05 25	21 05 30	21 06 35	21 03 10
27 08 30	27 03 15	27 08 20	33 22 05	27 11 15	27 06 15
33 09 20	33 02 10	33 16 15		33 26 10	33 05 05
39 05 10	39 01 15			39 18 15	

CYPRUS SYNOPTIC 8h. ON 16th

34702 02898 32217 21160 80406 00130

34807 04894 22246 22161 46301 00130

UPPER AIR TEMP. ALMÂZA AT 6h. G.M.T. ON 16th

Height feet	P.P.P m.b.	TT °F	tt °F
Surface	1010	63	57
500	992	77	56
1000	974	77	58
1500	956	78	57
2000	939	76	56
4000	872	68	51
6000	809	63	43
8000	750	56	39
10000	695	48	37
12000	642	40	28
14000	593	35	27
16000	547	25	21

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	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	90-89
„ 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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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.

ANNUAL SUBSCRIPTION P.T. 150

Time of Sunrise 6 27 (h. m.)
Sunset 16 58

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month NOVEMBER 1946 — شهر نوفمبر ١٩٤٦

At 14h. on SATURDAY 16th (الساعة ١٤ يوم السبت ١٦) — At 20h. on 16th (الساعة ٢٠ يوم السبت ١٦)

Station	14h Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	°C Temp. (TTT)	% Humidity (UU)	Rain 8-14 h. mms	20h Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	°C Temp. (TTT)	% Humidity (UU)	Rain 14-20 h. mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	12	1	0	3	8	18.6	24.6	63	0	00	8	14	1	2	3	5	19.1	19.8	85	0	131
MARIUT	01	8	04	3	1	5	1	19	28	55	0	00	7	06	2	0	0	—	19	20	88	0	150
ALEXANDRIA	01	9	06	2	2	4	1	19.0	25.4	73	0	00	5	10	2	0	0	—	19.4	21.0	77	0	132
DAMIETTA	01	8	02	3	1	3	3	19.5	24.5	76	0	00	7	04	1	1	0	—	19.2	21.5	91	0	159
PORT SA'ÎD	02	8	04	2	2	5	2	19.4	25.1	77	0	00	8	06	1	0	3	2	19.8	22.3	84	0	134
EL 'ARÎSH	01	9	32	2	0	3	3	18.8	25.1	58	0	00	9	32	1	0	0	—	19.8	18.3	98	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	12	3	1	3	1	18.6	29.0	40	0	00	7	12	2	1	0	—	19.4	19.8	83	0	136
MANSÛRA	01	8	04	2	1	4	8	18.6	29.9	41	0	00	6	08	1	1	0	—	19.8	19.8	92	0	137
TANTA	01	8	04	3	1	4	2	18.3	27.0	60	0	00	8	32	1	0	0	—	19.2	20.3	91	0	138
ZAGAZIG	00	6	02	3	0	2	8	17.4	28.8	46	0	00	6	32	2	0	0	—	19.5	20.0	79	0	139
SHEBÎN EL KÔM	00	8	04	3	0	2	8	18.6	30.6	37	0	00	7	02	2	0	0	—	19.6	21.8	81	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	00	0	0	1	1	17.3	32.7	17	0	00	7	06	1	1	0	—	18.8	23.4	53	0	141
CAIRO EZBEKÎYA	05	7	32	1	1	3	1	17.8	31.6	33	0	00	6	02	2	0	0	—	18.7	22.6	54	0	—
CAIRO GÎZA	00	8	30	2	0	3	1	17.9	31.0	26	0	00	8	06	1	0	0	—	18.8	23.2	60	0	—
HELWÂN	00	7	00	0	0	1	1	17.6	30.6	21	0	00	7	04	5	0	0	—	18.3	25.0	31	0	143
SUEZ	00	9	00	0	0	0	—	17.9	31.4	34	0	00	9	30	2	0	0	—	18.7	23.4	51	0	144
UPPER EGYPT																							
FAIYÛM	01	8	00	0	1	3	3	17.8	32.0	29	0	09	6	32	1	0	2	1	18.3	24.7	45	0	153
MINYA	00	9	32	1	0	0	—	17.2	30.6	41	0	00	8	30	1	0	0	—	17.1	25.0	31	0	154
ASYÛT	00	8	22	1	0	0	—	16.7	32.0	38	0	00	6	22	1	0	0	—	17.8	23.3	57	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	16.2	32.3	43	0	00	8	00	0	0	0	—	17.1	21.3	58	0	164
QENA	00	9	24	1	0	0	—	15.1	32.2	37	0												156
LUXOR	00	7	30	2	0	0	—	15.8	34.0	27	0	00	6	28	1	0	0	—	17.5	24.8	33	0	157
ASWÂN	00	9	30	2	0	0	—	13.0	36.0	12	0	00	9	32	1	0	0	—	15.8	32.7	17	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	—	18.8	28.0	51	0	00	—	00	0	0	0	—	18.8	18.0	71	0	148
BAHARÎYA	00	9	00	0	0	0	—	15.8	25.0	54	0	00	9	32	1	0	0	—	18.6	18.0	71	0	149
KHÂRGA	00	9	08	1	0	0	—	14.2	35.0	15	0	00	9	02	1	0	0	—	16.4	26.0	24	0	151
DAKHLA	00	9	28	1	0	0	—	14.3	29.0	45	0	00	7	28	2	0	0	—	18.3	22.0	56	0	152
RED SEA																							
TÔR	00	6	28	3	0	0	—	17.4	28.2	61	0	00	7	00	0	0	0	—	18.0	23.5	65	0	145
HURGHÂDA	00	8	04	3	0	0	—	17.0	28.8	49	0	00	8	00	0	0	0	—	17.4	23.6	39!	0	146
QUSEIR	00	8	32	2	0.	0	—	16.7	30.2	53	0	00	8	30	2	0	0	—	17.0	25.0	70	0	147
PORT SÛDÂN	00	9	04	3	1	2	8	13	30	62													168
NORTH SÛDÂN																							
WÂDI HALFA	00	7	08	4	3	0	—	11	36	12													165
KAREIMA	00	8	00	0	0	0	—	9	36	17													166
'ATBARA	00	7	08	3	0	1	8	8	36	22													167
KHARTÛM	00	8	32	3	0	1	4	7	37	17													168
KASSALA	00	8	06	3	0	2	4	5	37	20													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	06	4	1	5	8	5	37	17													171
RENK	01	9	28	3	1	4	8		37	27													182
ROSEIRES	01	8	20	1	0	4	8	6	39	26													172
EL OBEID	01	9	04	3	0	5	4,1	5	36	14													174
EL FÂSHER	00	9	06	2	1	2	5,1	—	34	16													175
GENEINA	00	8	08	3	0	0	—	—	34	16													179
KADUGLI																							187
S. SÛDÂN																							
MALAKÂL	01	8	16	1	1	4	8,1	6	35	42													176
WÂU																							177
JUBA	05	7	04	3	1	5	4,2	5	35	35													178

UPPER WINDS ON 16th (الرياح العليا يوم ١٦)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	12 h. 45 m.	13 h. m.	13 h. m.	13 h. m.	13 h. m.	h. m.	13 h. 15 m.	13 h. m.	13 h. m.	13 h. m.	13 h. m.	13 h. m.	13 h. m.
	03 18 15	03 08 20	03 36 10	03 35 10	03 02 20		09 09 10	09 23 05	09 06 35	09 09 15	09 05 15	09 13 05	09 07 30
	06 15 20	06 08 15	06 03 05	06 34 05	06 07 20		15 10 35	15 21 15	15 05 30	12 09 35	15 04 15	15 11 10	15 08 35
	09 15 25	09 06 05	09 15 05	09 06 05	09 09 25		21 11 20	21 22 15	21 03 25	21 07 55	21 05 25	21 08 05	21 09 35
	15 14 15	15 08 05	15 19 05	12 11 15			27 12 25	27 23 15	24 04 25	27 08 55	27 07 20	27 08 10	27 10 30
	21 14 20	21 21 05	21 10 15	13 17 10			33 08 30	33 23 25			33 08 05	33 09 15	33 11 20
	27 14 10	30 01 05	30 12 05				36 06 30	39 22 25			39 15 10	39 07 20	39 15 15
	30 15 15												

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 16th	Diff from normal	Wet bulb temp °C on 16th	Diff from normal
Alexandria	78	+12	19.5	+2.4
Ezbekiya	56	-12	17.7	+1.8
Giza	67	-4	17.4	+1.7
Helwân	45	-12	15.7	+0.9

GÎZA — GRASS MINIMUM TEMP. ON 17th 8.1 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 17th 21.2 °C

Discharges at Aswân measured by sluices m³ per sec.	1946	1945
DATE 17th	2465	1736
16th	2954	1736

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	17th			13.26	-0.40
Nâsser				11.26	+0.82
Malakâl		12.90	+0.59	12.90	+0.59
J. Aulia Res.				377.16	—
J. Aulia D.S				373.04	+0.34
Roseires		14.82	+0.85	14.90	+0.88
Sennar Res.				19.43	—
Khartûm				12.62	+0.35
Kh. el Girba					
Atbara		11.95	+0.42	11.97	+0.42
Kajnarti		136.62	+0.58	136.70	+0.60
Aswân Res.		117.96	—	117.94	—
Aswân D.S		87.94	+1.12	88.04	+1.10
Roda (Cairo)		17.36	+0.21	17.30	+0.19

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on SUNDAY 17th (الساعة ٨ يوم الأحد ١٧)

Station	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Temp. Dry Bulb °C (TTT)	Maximum Yesterday °C (MM)	Max Diff. from norm. °C	Minimum Today °C (mm)	Min Diff from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms.	Total From Oct. 1 mms.	Norm From Oct 1 mms.
MEDITERRANEAN																		
SALÛM												—		—				11
MATRÛH	02	7	00	0	2	6	2	17.6	-0.1	19.9	26	+3	18	+3	85	0	14	28
MARIUT	47	3	11	2	0	0	—	18		18	29	—	17	—	100	0	3	20
ALEXANDRIA	04	5	16	3	1	4	1	18.3	+0.2	18.0	29	+4	18	+1	94	dr.	3	23
DAMIETTA	01	7	12	3	1	5	3	17.9	+1.1	22.0	26	—	20	—	91	0	dr.	14
PORT SA'ÎD	02	8	10	2	2	6	2	18.7	+1.9	23.7	28	+3	19	+2	80	0	4	10
EL 'ARÎSH	01	9	00	0	0	3	1	19.4	+2.3	18.6	26	+1	16	+3	50	0	dr.	11
LOWER EGYPT																		
DAMANHÛR	40	2	08	2	4	9	—	18.8	+0.8	17.2	30	+4	16	+2	100	0	2	10
MANSÛRA	01	8	08	1	1	4	0	18.7	+1.5	17.0	31	+5	15	+1	95	0	dr.	6
TANTA	01	8	08	1	1	3	1	18.2	+0.2	18.0	28	+2	15	+3	88	0	dr.	5
ZAGAZIG	00	6	08	3	0	2	8	20.0	+2.3	17.2	30	+4	15	+3	69	0	dr.	4
SHEBÎN EL KÔM	00	8	12	1	0	1	8	19.1	+1.3	16.3	32	—	15	—	80	0	dr.	—
MIDDLE EGYPT																		
CAIRO ALMAZA	05	5	00	0	1	3	1	18.2	+0.6	19.2	34	—	15	—	63	0	dr.	—
CAIRO EZBEKÎYA	08	4	18	1	0	2	1	18.6	+1.0	17.0	33	+7	15	+1	76	0	dr.	3
CAIRO GÎZA	09	5	00	0	0	3	1	18.6	+1.0	20.0	32	+7	11	-1	83	0	dr.	4
HELWÂN	00	7	00	0	0	3	1	18.7	+0.7	22.0	32	+7	17	+3	30	0	0	2
SUEZ	00	9	00	0	0	0	—	19.1	+2.3	19.9	35	+9	14	-1	54	0	dr.	4
UPPER EGYPT																		
FAIYÛM	01	8	18	1	1	3	2	18.8	+1.2	17.0	33	+6	13	0	60	0	dr.	0
MINYA	00	9	28	1	0	0	—	18.8	+1.0	22.2	32	+6	14	+1	57	0	dr	—
ASYÛT	00	6	00	0	0	0	—	18.7	+1.1	22.0	35	+9	14	+1	42	0	0	1
NAG' HAMÂDI	00	8	00	0	0	0	—	18.8	+2.4	22.9	34	—	12	—	55	0	0	—
QENA	00	7	00	0	0	0	—	18.4	+2.0	22.1	35	+5	15	+2	37	0	0	—
LUXOR	00	7	28	2	0	0	—	19.0	+3.0	23.6	35	+5	14	+2	34	0	0	—
ASWÂN	00	9	32	1	0	0	—	17.8	+1.8	22.8	37	+7	19	+3	48	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	18.8	-0.1	18.2	30	+4	9	-1	75	0	0	0
BAHARÎYA	00	9	00	0	0	0	—	17.8	-0.6	19.2	26	0	14	+3	70	0	0	1
KHÂRGA	00	9	32	1	0	0	—	16.4	-0.5	23.0	35	+6	14	+1	31	0	0	—
DÂKHLA	00	8	28	1	0	0	—	17.8	-0.1	22.0	31	+3	14	+2	56	0	0	—
RED SEA																		
TÔR	00	7	04	3	0	0	—	19.1	+3.4	18.1	28	+2	15	+1	38	0	0	2
HURGHÂDA	00	8	28	2	0	0	—	18.3	+2.4	22.9	30	+3	16	+1	24	0	0	1
QUSEIR	00	8	30	2	0	0	—	17.6	+2.0	24.0	31	+4	21	+1	54	0	0	2
PORT SÛDÂN	01	9	30	3	1	4	6,4	15		27					79	0	124	37
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	2	0	0	—	15		23					41	0	0	—
KAREIMA	00	8	06	1	0	0	—	12		27					40	0	dr.	1
'ATBARA	00	8	04	4	0	0	—	12		25					14	0	dr.	2
KHARTÛM	00	7	04	3	0	2	4	11		27					45	0	2	4
KASSALA	00	8	02	3	0	0	—	10		28					48	0	1	8
CENTRAL SÛDÂN																		
WAD MEDANI																0	15	12
RENK	00	9	28	3	0	0	—	8		29		—		—	49	—	—	47
ROSEIRES	00	8	16	1	0	0	—	9		24					65	0	21	34
EL OBEID																0	69	16
EL FÂSHER								—	—							0	4	6
GENEINA	00	8	04	3	0	0	—	—	—	22		—		—	38	—	—	4
KADUGLI	00	8	28	3	0	3	1	8		27		—		—	33	—	—	86
S. SÛDÂN																		
MALAKÂL	01	8	30	1	1	4	1	10		27					66	0	112	84
WÂU	02	8	00	0	1	6	2	10		28					62	0	144	139
JUBA	05	7	08	1	✓	5	1	11		24					84	0	210	116

UPPER WINDS ON 17th (الرياح العليا يوم ١٧)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	8 h. 45 m.	6 h. 45 m.	7 h. m.	h. m.	7 h. m.	7 h. 30 m.	7 h. 15 m.	7 h. m.	6 h. 30 m.
			02 15 10	03 18 05	02 10 10		02 04 15	09 10 25	09 07 40	09 07 50	09 06 40
			05 19 15	06 04 02	05 06 15		05 06 40	15 10 20	15 10 30	15 07 45	15 05 40
			10 24 20	09 01 10	10 11 15		10 10 35	21 10 20	21 05 10	21 06 40	21 02 80
			15 24 30	12 06 05	15 18 10		15 13 45	27 12 35	27 05 05	27 05 30	24 01 20
			20 25 15	15 09 10	20 21 10		20 11 30	33 12 25	33 06 05	33 04 20	27 02 15
			30 19 25	18 22 05			25 08 35	39 09 15	39 05 30		30 36 05
			40 17 30	21 19 15			30 09 40				39 10 10
			50 17 25	24 21 20							
			55 17 25								

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. m.	7 h. m.	7 h. m.	h. m.	7 h. 15 m.	7 h. m.
09 09 30	09 03 30	09 03 40		09 06 00	09 31 15
15 11 30	15 07 30	15 04 55		15 08 20	15 33 20
21 07 20	18 10 45	21 05 30		21 13 10	21 01 20
27 04 10		24 06 30		27 16 10	27 01 15
33 04 10				33 10 10	33 04 15
39 10 05				39 18 05	39 04 20

UPPER AIR TEMP. ALMÂZA AT 6h. G.M.T. ON 17th

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	1008	62	58
500	990	75	56
1000	972	80	57
1500	954	80	56
2000	937	78	56
4000	871	69	51
6000	808	64	44
8000	749	56	38
10000	693	48	33
12000	641	42	29
14000	592	34	26
16000	546	28	23

CYPRUS SYNOPTIC 8h. ON 17th
34723 01963 10214 19231 56300 00XXX
34800 02994 24227 19250 57405

ANNUAL SUBSCRIPTION P.T. 150

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.

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 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 AMOUNT (N)

Clear 0
Trace 1
1 Tenth 2
2, 3 Tenths 3
4, 5, 6 Tenths 4
7, 8 Tenths 5
9 Tenths 6
Over 9 Tenths 7
Overcast 8
Fog or Dust 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

Time of Sunrise 07 52 h. m.
Sunset 16 58

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month NOVEMBER 1946 — شهر نوفمبر ١٩٤٦

At 14h. on SUNDAY 17th — الساعة ١٤ يوم الأحد ١٧

STATION	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	Temp. °C (ttt)	% Humidity (uu)	Rain 8-14h. mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	02	8	32	1	2	5	5	14	26	48	0	131
MARIUT	01	7	21	1	0	4	2	16	29	35	0	150
ALEXANDRIA	02	9	00	0	2	5	8	15.6	26.4	25	0	132
DAMIETTA	01	8	12	3	1	5	3	16.2	25.9	64	0	159
PORT SA'ÎD	02	8	08	2	2	7	5	16.6	24.6	61	0	134
EL 'ARÎSH	02	9	04	2	0	6	2	16.3	26.4	53	0	135
LOWER EGYPT												
DAMANHÛR	01	7	24	3	1	5	1	15.9	29.3	38	0	136
MANSÛRA	02	8	08	2	2	6	6	16.0	26.2	41	0	137
TANTA	01	8	24	1	1	4	8	15.6	27.6	46	0	138
ZAGAZIG	02	8	24	1	2	6	8	16.0	30.2	46	0	139
SHEBÎN EL KÔM	01	8	22	2	1	3	8	16.6	30.1	27	0	
MIDDLE EGYPT												
CAIRO ALMÂZA	02	8	20	2	1	5	1	15	22	15	0	141
CAIRO EZBEKÎYA	02	7	16	2	1	5	1	15.9	31.1	35	0	
CAIRO GÎZA	02	8	14	2	1	6	2	16.0	31.3	35	0	
HELWÂN	02	7	00	0	2	6	3	16.9	31.0	23	0	143
SUEZ	01	9	18	1	1	4	7	16.4	28.8	38	0	144
UPPER EGYPT												
FAIYÛM	02	8	00	0	2	5	2	16.0	30.0	35	0	153
MINYA	01	8	02	2	1	4	2	15.2	34.8	17	0	154
ASYÛT	00	7	12	1	0	0	—	16.1	32.0	32	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	15.0	31.3	40	0	164
QENA	00	9	24	1	0	0	—	14.0	32.4	26	0	156
LUXOR	00	7	20	2	0	0	—	14.7	34.0	27	0	157
ASWÂN	00	9	08	2	0	0	—	12.0	36.0		0	158
WESTERN DESERT												
SÎWA	00	8	00	0	0	0	—	16.2	32.2	42	0	148
BAHARÎYA	01	9	00	0	1	4	—	15.8	26.1	55	0	149
KHÂRGA	00	9	32	1	0	0	—	15.0	33.8	58	0	151
DAKHLA	00	9	28	1	0	0	—	15.1	29.7	42	0	152
RED SEA												
TÛR	00	7	28	3	0	0	—	15.8	29.2	60	0	145
HURGHÂDA	00	8	04	2	0	0	—	15.4	28.9	41	0	146
QUSEIR	00	8	02	3	0	0	—	15.5	30.3	50	0	147
PORT SÛDÂN	00	9	04	2	0	2	8	12	30	66		169
NORTH SÛDÂN												
WÂDI HALFA	00	8	06	2	0	0	—	11	36	09		165
KAREIMA	00	8	00	0	0	0	—	9	36	13		166
'ATBARA	00	7	08	4	0	0	—	7	36	16		167
KHARTÛM	01	8	08	3	0	2	4	7	36	19		168
KASSALA	00	8	06	3	0	1	8	5	37	20		170
CENTRAL SÛDÂN												
WAD MEDANI	00	8	32	4	0	3	1	5	37	17		171
RENK	01	9	28	3	1	4	8		37	42		182
ROSEIRES	01	9	28	2	1	4	8		37	24		172
EL OBEID	01	9	06	3	0	4	4	6	36	17		174
EL FÂSHER	01	9	02	1	1	4	8,4	—	34	16		175
GENEINA	00	8	32	1	0	0	—	—	33	20		179
KADUGLI	01	8	04	4	0	4	1	5	37	17		187
S. SÛDÂN												
MALAKÂL	01	8	22	1	1	5	8	6	34	44		176
WÂU	01	9	32	3	1	4	8	5	34	36		177
JUBA	05	7	02	2	1	5	8	5	34	36		178

At 20h. on 17th — الساعة ٢٠ يوم الأحد ١٧

STATION	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	Temp. °C (ttt)	% Humidity (uu)	Rain 14-20h. mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	01	8	12	1	1	3	6	14.4	20.7	90	0	131
MARIUT	02	7	00	0	2	7	5	15	19	83	0	150
ALEXANDRIA	00	5	00	0	0	0	—	15.6	22.0	55	0	132
DAMIETTA	02	7	12	1	1	6	5	16.0	22.0	89	0	159
PORT SA'ÎD	02	8	06	2	2	6	5	16.2	22.6	87	0	134
EL 'ARÎSH	00	9	28	1	0	0	—	16.7	18.9	89	0	135
LOWER EGYPT												
DAMANHÛR			16	2	1	—	—	15.5	21.8	66	0	136
MANSÛRA	00	6	12	1	1	0	—	15.8	19.8	81	0	137
TANTA	00	8	28	1	1	0	—	15.4	20.3	64	0	138
ZAGAZIG	00	6	32	2	0	1	—		20.0	79	0	139
SHEBÎN EL KÔM	01	7	30	2	1	3	6	16.2	21.9	60	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	00	7	12	1	0	0	—	15.8	23.7	63	0	141
CAIRO EZBEKÎYA	05	6	00	0	0	0	—	16.3	20.6	61	0	—
CAIRO GÎZA	00	7	00	0	0	0	—	16.0	19.6	70	0	—
HELWÂN	01	6	00	0	1	5	3	16.2	25.8	25	0	143
SUEZ	00	9	00	0	0	0	—	14.2	23.4	53	0	144
UPPER EGYPT												
FAIYÛM	01	6	00	0	1	3	2	15.9	20.1	81	0	153
MINYA	00	8	32	1	1	0	—	15.0	26.3	36	0	154
ASYÛT	00	6	20	1	0	0	—	15.5	22.7	54	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	16.2	19.7	63	0	164
QENA	00	6	24	2	0	0	—	15.9	23.3	50	0	156
LUXOR	00	6	32	1	0	0	—	15.2	24.7	42	0	157
ASWÂN	00	9	08	1	0	0	—	13.9	30.6	13	0	158
WESTERN DESERT												
SÎWA	00	—	00	0	0	0	—	15.5	24	61	0	148
BAHARÎYA	00	—	00	0	0	0	—	17.0	20.0	72	0	149
KHÂRGA	00	9	32	1	0	0	—		26.0	24	0	151
DAKHLA	00	7	28	2	0	0	—	17.8	21.0	61	0	152
RED SEA												
TÛR	00	7	28	3	0	0	—	15.8	21.3	74	0	145
HURGHÂDA	00	8	00	0	0	0	—	15.1	22.0	59	0	146
QUSEIR	00	8	28	1	0	0	—	15.5	24.9	64	0	147
PORT SÛDÂN												169
NORTH SÛDÂN												
WÂDI HALFA												165
KAREIMA												166
'ATBARA												167
KHARTÛM												168
KASSALA												170
CENTRAL SÛDÂN												
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FÂSHER												175
GENEINA												179
KADUGLI												187
S. SÛDÂN												
MALAKÂL												176
WÂU												177
JUBA												178

UPPER WINDS ON 17th — الرياح العليا يوم ١٧

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
	12 h.45m.	12 h.45m.	13 h. m.	12 h.45m.	13 h. m.		12 h.45m.	12 h.45m.			13 h. m.		13 h. m.
	03 06 15	03 12 20	03 22 20	03 36 05	03 01 20		09 06 30	09 05 20			09 07 20		09 05 15
	06 04 15	06 13 18	06 24 15	06 07 20	06 01 20		15 09 20	15 05 30			15 06 30		15 08 20
	09 03 30	09 23 18	09 29 15	09 09 15	09 03 25		21 12 15	21 03 15			21 06 45		18 08 25
	12 06 40	12 24 25	12 22 20	12 36 05	12 03 30		27 09 30	27 03 10			24 05 30		
	15 06 40	15 24 20	15 23 25	15 16 10			33 11 30	33 03 05					
	18 04 40	18 19 15	18 23 20	18 22 45				39 05 05					
	21 02 30	21 22 15	21 19 20	21 18 20									
	24 01 25	24 20 20	24 20 20	24 20 10									
	27 02 30	27 21 20	27 19 30	27 15 20									

UPPER WINDS ON 18th — الرياح العليا يوم ١٨

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
		6 h.30m.	8 h.45m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h.30m.		7 h. m.	6 h.30m.
		03 21 25	02 15 10	03 12 20	02 07 05	03 03 15	05 11 25	09 12 30		09 08 35	09 06 30
		06 23 20	05 17 20	06 10 15	05 07 15	06 07 20	10 11 35	15 07 10		15 05 25	15 03 25
		09 23 20	08 18 20	09 12 15	10 10 10	09 10 10	15 12 35	21 05 10		21 03 10	21 03 15
		15 21 30	10 21 25	15 22 20	15 13 15	15 15 35	20 13 35	27 08 10		27 05 05	27 01 10
		18 22 40	15 22 35	18 25 50	20 13 05			33 11 25		33 01 05	
		21 23 45	20 22 35	21 21 30				39 10 15		39 32 05	
		24 23 50	23 21 30	27 21 30							
		27 23 50	25 23 55	30 13 10							
		30 23 40	30 23 60								

UPPER WINDS ON 18th — الرياح العليا يوم ١٨

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
					6 h.30m.
					09 29 15
					15 30 15

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	18 - 11	2720	1736
	17 - 11	2865	1736

STATION	Mean of day: Humidity % on 17th	Humidity Diff from normal	Wet Bulb Temp °C on 17th	Wet Bulb Temp Diff from normal
Alexandria	70	+4	16.9	−0.1
Ezbekîya	61	−7	17.1	+1.4
Gîza	70	−1	18.4	+2.3
Helwân	23	−34	15.4	+0.7

GIZA — GRASS MINIMUM TEMP. ON 18th 10.2 °C

CAIRO — WATER TEMP. RIVER NILE ON 18th AT 9h. 21.6 °C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day: Reading m.	Previous day: Diff. from normal m.
Jûba	18-11				
Nâsser				11.16	+0.74
Malakâl		12.90	+0.59	12.90	+0.59
J. Aulia Res.					
J. Aulia D.S					
Roseires		14.75	+0.83	14.82	+0.85
Sennar Res.				19.80	—
Khartûm				12.58	−0.37
Kh. el Girba					
Atbara				11.95	+0.42
Kajnarti				138.62	+0.68
Aswân Res.		118.01	—	117.96	—
Aswân D.S		87.84	+1.15	87.74	+1.12
Roda (Cairo)		17.23	+0.24	17.26	+0.21

Printed by the Survey of Egypt, 1945. (45/306)

At 8h. on MONDAY 18th — الساعة ٨ يوم الاثنين ١٨

STATION	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Pressure M.S.L. 1000+ mbs. (ppp)	Diff. from normal mbs.	Temp. Dry Bulb °C (ttt)	Maximum Yester day °C (MM)	Maximum Diff. from norm °C	Minimum Today °C (mm)	Minimum Diff from norm °C	% Humidity (uu)	Rainfall Past 24 hrs mms	Rainfall Total From Oct. 1 mms.	Rainfall Norm From Oct 1 mms.
MEDITERRANEAN																		
SALÛM												—		—				12
MATRÛH	02	8	20	4	1	5	8	9.5	−8.2	23.0	28	+5	18	+3	25	0	14	29
MARIUT	03	7	17	1	2	8	2	12		19	29	—	16	—	64	0	3	21
ALEXANDRIA	02	8	16	3	1	6	6	12.3	−5.8	23.6	28	+3	20	+4	83	0	3	24
DAMIETTA	02	7	14	1	1	6	5	11.9	−4.9	20.5	27	—	16	—	68	0	tr.	16
PORT SA'ÎD	02	8	12	2	2	7	5	13.5	−3.3	21.8	27	+2	19	+3	42	0	4	10
EL 'ARÎSH	03	9	00	0	2	8	2	14.2	−3.0	19.3	31	+6	16	+3	59	0	tr	11
LOWER EGYPT																		
DAMANHÛR	02	6	20	3	1	6	5	13.0	−5.1	20.0	30	+4	17	+3	47	0	2	11
MANSÛRA	02	8	04	1	2	5	0	13.8	−4.1	19.5	30	+4	15	+1	57	0	tr.	6
TANTA	01	8	18	2	1	5	8	12.4	−5.7	22.0	29	+3	17	+5	64	0	tr.	6
ZAGAZIG	03	6	12	3	2	8	8	13.5	−4.7	22.2	32	+6	17	+5	43	0	tr.	4
SHEBÎN EL KÔM	01	8	12	2	1	4	2			20.8	33	—	17	—	86	0	tr.	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	00	0	1	5	2	13.4	−4.2	24.0	32	—	21	—	20	0	tr.	—
CAIRO EZBEKÎYA	05	5	18	3	1	5	2	13.5	−4.1	21.0	32	+6	17	+3	43	0	tr.	3
CAIRO GÎZA	02	7	14	1	2	6	2	13.6	−4.1	22.0	32	+7	16	+4	47	0	tr.	4
HELWÂN	02	7	00	0	2	6	2	13.6	−4.5	21.4	32	+7	19	+5	28	0	0	2
SUEZ	01	9	00	0	1	5	6	14.6	−2.2	23.6	31	+5	20	+5	62	0	tr.	4
UPPER EGYPT																		
FAIYÛM	02	8	00	0	2	5	1	14.2	−3.4	19.8	33	+6	14	+1	45	0	tr.	0
MINYA	01	8	20	1	1	4	2	13.8	−4.0	21.9	35	+9	15	+2	60	0	tr.	—
ASYÛT	00	6	00	0	0	0	—	14.4	−3.2	21.5	34	+8	16	+4	48	0	0	1
NAG' HAMÂDI	00	8	00	0	0	0	—	14.7	−1.8	20.3	33	—	11	—	53	0	0	—
QENA	00	7	04	2	0	0	—	14.2	−2.3	21.0	36	+5	14	+1	35	0	0	—
LUXOR	00	7	28	2	0	0	—	14.8	−1.3	22.0	36	+5	13	+1	43	0	0	—
ASWÂN	00	9	28	1	0	0	—	14.7	−1.4	21.3	36	+6	17	+1	46	0	0	—
WESTERN DESERT																		
SÎWA	02	6	12	2	1	7	5	12.0	−7.0	24.6	33	+7	12	+3	50	0	0	0
BAHARÎYA	00	9	08	1	0	0	—			18.0	27	+1	13	+2	72	0	0	1
KHÂRGA	00	9	32	1	0	0	—	14.7	−2.3	21.7	35	+6	17	+3	33	0	0	—
DAKHLA	00	8	20	1	0	0	—	13.9	−4.1	17.5	31	+3	12	0	57	0	0	—
RED SEA																		
TÛR	00	7	04	3	0	0	—	13.9	−1.9	19.5	31	+5	15	+1	76	0	0	2
HURGHÂDA	00	8	28	1	0	0	—	14.6	−1.4	20.4	30	+3	16	+1	34	0	0	1
QUSEIR	00	8	26	2	1	3	1	14.3	−1.4	27.3	30	+3	20	+1	27	0	0	2
PORT SÛDÂN	00	8	30	1	0	1	6	13		29					79	0	124	38
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	1	0	0	—	12		23					38	0	0	—
KAREIMA	00	8	00	0	0	0	—	11		26					48	0	tr.	1
'ATBARA	00	8	02	3	0	0	—	10		26					40	0	tr.	2
KHARTÛM	00	8	02	3	0	1	4	10		26					30	0	2	4
KASSALA	00	8	06	2	0	0	—	8		29					40	0	1	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	04	3	0	3	1	8		29					33	0	15	12
RENK	00	9	28	3	0	0	—	7		26	—	—	—	—	51	—	—	47
ROSEIRES	00	8	16	2	0	0	—	8		26					66	0	21	34
EL OBEID	00	8	02	4	1	2	4	8		27					25	0	69	16
EL FÂSHER	00	9	00	0	0	3	—	—	—	21					41	0	4	6
GENEINA								—	—		—		—				—	4
KADUGLI	01	8	28	3	1	4	—	10		26	—		—		36	—	—	86
S. SÛDÂN																		
MALAKÂL	01	8	26	1	1	4	4	9		26					74	0	112	84
WÂU	02	8	00	0	1	5	4	9		23					84	0	144	139
JUBA	01	8	26	1	1	5	2	10		26					74	0	210	117

UPPER WINDS ON 18th — الرياح العليا يوم ١٨

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
		6 h.30m.	8 h.45m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h.30m.		7 h. m.	6 h.30m.
		03 21 25	02 15 10	03 12 20	02 07 05	03 03 15	05 11 25	09 12 30		09 08 35	09 06 30
		06 23 20	05 17 20	06 10 15	05 07 15	06 07 20	10 11 35	15 07 10		15 05 25	15 03 25
		09 23 20	08 18 20	09 12 15	10 10 10	09 10 10	15 12 35	21 05 10		21 03 10	21 03 15
		15 21 30	10 21 25	15 22 20	15 13 15	15 15 35	20 13 35	27 08 10		27 05 05	27 01 10
		18 22 40	15 22 35	18 25 50	20 13 05			33 11 25		33 01 05	
		21 23 45	20 22 35	21 21 30				39 10 15		39 32 05	
		24 23 50	23 21 30	27 21 30							
		27 23 50	25 23 55	30 13 10							
		30 23 40	30 23 60								

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
					6 h.30m.
					09 29 15
					15 30 15

UPPER AIR TEMP. ALMÂZA AT 5 G.M.T. ON 18th

HEIGHT Feet	P.P.P. m.b.	T.T. °F	T.T. °C
Surface	1004	72	58
500	986	84	61.5
1000	968	82	59.5
1500	951	80	68
2000	934	76	56.5
4000	867	67	51.5
6000	804	58	45
8000	746	54	36.5
10000	690	45.5	31.5
12000	639	40.5	31
14000	590	32	25
16000	544	26	22

CYPRUS SYNOPTIC 8h. ON 18th

34702 02990 00028 13140 90607 00120
34851 03824 12428 13171 66705 00140

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

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.

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

ANNUAL SUBSCRIPTION P.T. 150

DAILY WEATHER REPORT

Time of Sunrise 05 h. 25 m. Sunset 16 h. 58 m.

Month *November* 1946 — ١٩٤٦ شهر نوفمبر

At 14h. on *Monday 18th* — الساعة ١٤ يوم ١٨/١١ — At 20h. on *18th* — الساعة ٢٠ يوم الاثنين ١٨

Region	Station	14h Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
Mediterranean	Salûm																							130
	Matrûh	18	7	20	4	3	5	8	6.6	20.2	—	0	00	8	30	3	3	0	—	9.1	21.6	79	0	131
	Mariut	01	8	28	1	1	4	1	10	34	18	0	00	7	20	1	0	3	2	8	21	65	0	150
	Alexandria	02	8	14	3	2	5	3	8.7	32.0	14	0	00	5	18	2	0	0	—	9.0	27.0	20	0	132
	Damietta	02	8	14	2	2	6	5	10.0	30.0	39	0	01	6	14	1	1	4	5	9.9	23.0	58	1	158
	Port Sa'îd	02	7	08	2	2	6	2	10.0	30.7	28	0	01	8	10	2	1	4	5	10.2	24.5	53	0	134
	El 'Arîsh	02	9	00	0	2	6	2	11.0	34.1	57	0	03	9	32	1	2	8	—	11.6	21.1	79	0	135
Lower Egypt	Damanhûr	02	7	24	3	1	5	3	9.0	33.3	18	0	01	9	20	3	1	3	1	8.7	23.0	44	0	136
	Mansûra	02	8	16	1	2	5	6	10.4	31.5	27	0	00	6	32	1	1	0	—	9.9	23.6	44	0	137
	Tanta	02	8	16	2	1	5	8	9.5	31.4	30	0	00	8	32	1	1	0	—	9.4	25.3	39	0	138
	Zagazig	02	6	18	3	2	6	8	10.0	31.2	32	0	02	6	08	2	2	6	—	11.0	20.2	61	0	139
	Shebîn el Kôm	01	8	12	2	1	4	2	10.6	33.9	24	0	01	7	12	2	1	3	2	11.6	23.9	41	0	—
Middle Egypt	Cairo Almâza	02	8	17	3	2	5	1	9.5	33.0	12	0	02	7	16	2	2	5	2	10.0	26.6	17	0	141
	Cairo Ezbekîya	05	7	16	2	1	7	2	10.3	31.3	31	0	05	6	00	0	1	4	2	10.4	22.4	38	0	—
	Cairo Gîza	02	7	14	1	2	6	2	10.6	32.3	32	0	00	7	00	0	1	0	—	11.0	22.5	49	0	—
	Helwân	02	7	16	3	2	7	3	10.2	30.7	17	0	02	7	10	1	2	5	3	11.0	26.5	21	0	143
	Suez	02	9	16	1	2	5	2	11.8	29.0	34	0	00	9	02	1	0	0	—	12.4	22.0	79	0	144
Upper Egypt	Faiyûm	02	8	00	0	2	7	2	10.3	32.2	21	0	02	8	00	0	2	5	2	10.8	21.8	48	0	153
	Minya	02	8	20	2	2	6	2	10.4	32.7	28	0	00	8	30	1	1	0	—	11.0	22.9	58	0	154
	Asyût	00	7	12	1	0	0	—	10.7	30.0	36	0	00	6	12	1	0	0	—	11.4	21.7	52	0	155
	Nag' Hamâdi	00	8	00	0	0	0	—	10.3	32.7	39	0	00	8	00	0	0	0	—	11.4	22.8	44	0	164
	Qena	01	9	12	1	0	4	—	9.5	31.0	23	0	00	6	24	2	0	0	—	11.2	23.6	36	0	156
	Luxor	00	7	30	2	0	0	—	10.3	34.0	22	0	00	6	28	2	0	0	—	12.0	20.4	45	0	157
	Aswân	00	9	24	1	0	0	—	8.3	34.0	16	0	00	9	00	0	0	0	—	10.3	29.0	24	0	158
Western Desert	Sîwa	03	7	00	0	2	8	5	10.4	31.2	58	0	00	4	00	0	0	0	—	12.0	12.4	59	0	148
	Baharîya												00	—	00	0	0	0	—	11.2	19.5	68	0	149
	Khârga	00	9	16	1	0	0	—	11.9	35.0	24	0	10	9	32	1	0	0	—	12.3	27.2	47	0	151
	Dakhla	00	9	28	1	0	0	—	10.2	30.0	42	0	00	7	28	2	0	0	—	12.9	17.8	57	0	152
Red Sea	Tôr	00	7	28	3	0	0	—	12.6	28.9	64	0	00	7	28	2	0	0	—	12.4	24.3	80	0	145
	Hurghâda	01	8	10	1	1	3	1	11.2	28.8	51	0	01	8	12	1	1	3	1	1	22.4	86	0	146
	Quseir	00	8	02	2	1	2	1	10.6	27.2	70	0	00	8	02	2	1	3	1	12.3	25.0	77	0	147
	Port Sûdân	00	9	06	2	0	3	8	10	29	70													[illegible]
North Sûdân	Wâdi Halfa	00	8	32	1	0	0	—	8	34	16													165
	Kareima	00	8	00	0	0	0	—	7	36	25													166
	'Atbara	00	11	02	2	0	0	—	5	36	18													167
	Khartûm	00	8	06	3	0	1	4	4	37	17													[illegible]
	Kassala	00	8	32	3	0	0	—	3	37	25													170
Central Sûdân	Wad Medani	01	8	28	2	0	3	6	5	37	13													171
	Renk	00	9	28	3	0	0	—	—	38	21													182
	Roseires	11	8	24	1	1	6	9	4	36	35													172
	El Obeid	02	9	04	2	1	6	8,2	3	36	13													174
	El Fâsher	02	8	22	3	1	5	8,1	—	34	15													175
	Geneina	01	8	12	2	0	4	4	—	33	21													179
	Kadugli	01	8	04	4	1	4	1	4	37	11													187
S. Sûdân	Malakâl	01	8	28	1	1	4	8,4,2	4	35	25													176
	Wâu	01	8	04	2	1	4	8	4	33	19													177
	Juba	02	8	04	2	1	5	8,2	5	36	27													178

Upper Winds on 18th — الرياح العليا يوم ١٨

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh (h. m.)	Mariut (13 h.)	Port Sa'îd (13 h. 15 m.)	Almâza	Minya	Luxor (13 h.)	Hurghâda	Wâdi Halfa (13 h. 15 m.)	Kareima (13 h.)	Khartûm (13 h.)	Kassala (13 h.)	El Obeid (12 h. 15 m.)	Malakal (13 h. 15 m.)	Juba (13 h. 15 m.)
	03 18 30	03 19 20			03 26 10		09 09 05	09 31 10	09 06 20	09 04 05	09 04 15	09 35 05	09 09 20
	06 19 35	09 23 25			06 10 05		15 09 15	15 03 15	15 04 30	15 03 15	15 05 10	15 02 05	15 11 20
	09 20 45	15 23 30			09 14 25		21 09 15	21 24 05	21 04 30	21 05 10	21 06 15	21 05 05	18 11 15
	12 21 40	21 23 45			12 14 30		27 11 30	27 17 25	24 04 20	27 04 05	27 07 15	27 06 10	
	15 23 45	27 23 45			15 14 25		33 11 30	33 11 40	27 04 20	33 11 15	33 07 10		
	18 23 40	30 22 40			18 15 20		39 11 35	39 09 20	30 02 10		36 08 05		
	21 25 40	36 22 45											
	24 25 45	42 23 40											
	27 25 50	45 23 65											

Remarks

Hours are Egyptian standard time, long 30 E. and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 18th	Diff from normal	Wet bulb temp °C on 18th	Diff from normal
Alexandria	32	-34	16.3	-0.5
Ezbekiya	33	-85	16.3	+0.7
Giza	41	-30	17.5	+2.1
Helwân	19	-38	14.6	0.0

GIZA — Grass minimum temp. on 19th 10.2° C

CAIRO — Water temp. at 8h. River Nile on 19th 21.9° C

Discharges at Aswan measured by sluices m³ per sec. Date	1946	1945
19-11	2674	1736
18-11	2780	1736

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	11			13.24	-0.41
Nâsser				11.15	+0.75
Malakâl		12.90	+0.59	12.90	+0.59
J. Aulia Res.				377.15	—
J. Aulia D.S				373.00	+0.34
Roseires		14.69	+0.81	14.75	+0.83
Sennar Res.				1955	—
Khartûm				12.57	+0.36
Kh. el Girba					
'Atbara				11.94	+0.43
Kajnarti		136.46	+0.57	136.54	+0.58
Aswân Res.	19	118.07	—	118.01	—
Aswân D.S		87.74	+1.16	87.84	+1.15
Roda (Cairo)		17.19	+0.25	17.23	+0.24

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on *Tuesday 19th* — الساعة ٨ يوم الثلاثاء ١٩

Region	Station	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry bulb °C TTT	Max. yesterday °C	Max. diff. from norm.	Min. today °C	Min. diff. from norm.	% Humidity UU	Rainfall past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Mediterranean	Salûm												—		—				12
	Matrûh	00	9	24	2	0	0	—	10.7	-7.0	17.0	31	+8	14	-1	66	0	14	30
	Mariut	05	6	00	0	2	7	6,4	10	—	19	34	—	19	—	94	0	3	22
	Alexandria	01	7	00	0	1	4	4	10.6	-7.6	22.4	32	+8	22	+6	76	0	3	26
	Damietta	02	7	16	1	1	5	4	9.9	-7.0	18.8	32	—	16	—	64	0	dr	15
	Port Sa'îd	02	7	16	1	2	5	5	10.0	-6.8	22.2	31	+7	20	+3	39	0	4	11
	El 'Arîsh	02	9	16	2	1	6	2	10.3	-7.0	21.4	34	+9	18	+5	49	0	tr	12
Lower Egypt	Damanhûr	01	6	24	2	1	4	3	9.6	-8.5	19.8	34	+9	17	+4	83	0	2	11
	Mansûra	01	8	16	1	1	4	6	9.9	-7.4	16.6	32	+6	15	+1	62	0	dr	6
	Tanta	02	7	20	2	1	5	6	9.9	-8.2	16.6	32	+6	16	+4	64	0	dr	6
	Zagazig	02	6	24	2	2	6	8	10.0	-7.8	19.1	33	+7	18	+6	63	0	dr	4
	Shebîn el Kôm	01	8	22	1	1	3	2	10.8	-7.1	17.8	34	—	17	—	54	0	dr	—
Middle Egypt	Cairo Almaza	01	7	18	2	1	5	4,5	10.3	-7.4	22.0	33	—	19	—	32	0	dr	—
	Cairo Ezbekîya	05	5	18	3	1	7	4,5	10.4	-7.3	21.6	32	+6	19	+5	43	0	dr	3
	Cairo Gîza	02	7	14	2	2	7	5	10.6	-7.1	20.8	33	+8	15	+3	42	0	dr	4
	Helwân	02	7	00	0	2	7	2	10.8	-7.3	21.0	31	+6	17	+3	27	0	0	3
	Suez	02	9	14	1	2	5	2	11.9	-4.9	23.4	31	+5	19	+4	62	0	dr	4
Upper Egypt	Faiyûm	02	8	00	0	2	6	2	11.0	-6.7	19.0	33	+6	16	+4	38	0	dr	0
	Minya	02	8	12	2	1	5	2	11.9	-6.0	19.3	33	+7	17	+4	52	0	dr	—
	Asyût	01	7	12	1	1	4	6	11.9	-5.8	20.9	33	+7	15	+3	34	0	0	1
	Nag' Hamâdi	00	8	00	0	0	0	—	12.3	-4.3	19.8	35	—	12	—	49	0	0	—
	Qena	01	7	12	2	0	4	1	11.4	-5.2	19.3	35	+5	13	0	45	0	0	—
	Luxor	00	7	28	2	0	0	—	12.4	-3.8	18.0	36	+6	14	+2	44	0	0	—
	Aswân	00	9	28	1	0	0	—	11.5	-4.7	23.0	36	+6	17	+1	37	0	0	—
Western Desert	Sîwa	00	7	00	0	0	0	—	13.8	-5.2	15.0	31	+5	10	+1	78	0	0	0
	Baharîya	00	9	00	0	0	0	—	11.3?	-7.2	18.0	26	0	13	+2	71	0	0	1
	Khârga	02	9	30	1	2	5	1	12.8	-4.3	18.5	35	+7	13	+1	35	0	9	—
	Dâkhla	00	8	28	2	0	0	—	12.4	-5.7	15.0	32	+4	14	+2	53	0	0	—
Red Sea	Tôr	00	7	04	3	0	0	—	11.8	-4.1	18.9	—	—	14	0	58	0	0	2
	Hurghâda	02	7	26	1	2	7	4	11.6	-4.5	22.7	31	+4	14	-1	54	0	0	1
	Quseir	01	8	30	2	1	4	1	11.2	-4.6	21.6	29	+2	19	0	55	0	0	2
	Port Sûdân															—	0	124	40
North Sûdân	Wâdi Halfa	00	8	00	0	0	0	—	11		21					31	0	0	—
	Kareima																0	dr	1
	'Atbara	00	8	02	2	0	0	—	10		25					34	0	dr	2
	Khartûm	01	8	32	3	1	3	4	9		27					28	0	2	4
	Kassala	01	8	08	1	1	3	4	7		29					47	0	1	8
Central Sûdân	Wad Medani	00	9	04	2	0	2	3	9		26					32	0	15	12
	Renk	00	9	32	3	0	0	—	7		28		—		—	66	—	—	47
	Roseires	00	8	16	1	0	0	—	9		24					64	0	21	34
	El Obeid	01	9	04	3	1	3	4,2	9		29					43	0	69	16
	El Fâsher	02	8	00	0	1	5	4,4	—	—	24					30	0	4	6
	Geneina	01	8	02	2	1	3	4	—	—	17		—		—	46	—	—	4
	Kadugli	02	8	28	3	1	6	1	9		25		—		—	42	—	—	86
S. Sûdân	Malakâl	02	8	00	0	4	5	4	9		26					79	0	112	86
	Wâu	02	8	16	2	1	7	4,5	9		23					84	0	144	140
	Juba	01	8	16	2	1	4	2	9		24					74	0	210	118

Upper Winds on 19th — الرياح العليا يوم ١٩

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour

Matrûh (h. m.)	Mariut (7 h.)	Port Sa'îd (6 h. 30 m.)	Helwân (8 h. 45 m.)	Minya	Asyût (7 h.)	Luxor (7 h. 30 m.)	Aswân (7 h.)	Wâdi Halfa (7 h. 15 m.)	Abu Hamad (7 h. 30 m.)	Kareima	Khartûm (7 h.)
	03 21 05	03 22 25	02 15 10		02 15 10	03 12 02	10 13 15	09 03 30	09 06 10		09 03 30
	06 25 10	06 23 35	05 20 40		05 13 25	06 14 05	15 16 15	15 30 05	15 32 05		15 05 30
		09 20 40	08 20 35		10 14 20	09 17 35	20 16 20	21 19 15	21 24 30		21 36 20
		15 22 35	10 23 25		15 15 20	15 18 15	25 15 20	27 15 10	33 19 30		24 33 20
		21 22 30	15 23 40		20 16 20			33 10 15	39 14 10		27 17? 30
		24 24 45	20 22 40					39 13 05			33 23 30
		30 22 60	23 22 50								
		39 23 50	25 22 35								
		45 23 75	30 21								

Kassala (7 h.)	Port Sûdân (7 h.)	El Obeid (7 h. 30 m.)	El Fâsher	Geneina (7 h. 15 m.)	Malakal (7 h.)
09 05 20	09 30 10	09 07 30		09 04 20	09 20 05
15 03 30	15 30 10	15 06 40		15 01 15	15 28 05
21 03 30	21 31 15	21 07 20		21 33 10	21 34 05
27 12 30	27 31 15	27 14 10		27 35 05	27 01 10
33 18 10	33 31 20	33 21 15			33 04 50
39 21 15					

Upper Air Temp. Almâza at 6h G.M.T. on 19th

Height feet	P.P.P m.b.	TT °F	tt °F
Surface	1000	68	56
500	982	76	57
1000	964	79	58
1500	947	77	57
2000	930	76	56
4000	864	67	51
6000	801	56	44
8000	743	51	36
10000	688	43	29
12000	636	39	30
14000	588	32	26
16000	542	25	22

Cyprus Synoptic 8h. on 19th

34700 09690 00023 08181 45400 00130.
34850 09641 22314 09171 49404 00140.

Annual Subscription P.T. 150

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.

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	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 Amount (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Time of Sunrise 06 h. 12 m.
Sunset 16 h. 57 m.

Month NOVEMBER 1946 — شهر نوفمبر ١٩٤٦

At 14h. on TUESDAY 19th — الساعة ١٤ يوم ١٩ — At 20h. on 19th — الساعة ٢٠ يوم الثلاثاء ١٩

STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	Rain 8-14 mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	Rain 14-20 mms	Station Number
MEDITERRANEAN: SALÛM																							130
MATRÛH	00	9	22	3	0	0	—	9.4	23.6	23	0	00	8	22	3	0	0	—	11.7	18.0	36	0	131
MARIUT	01	7	24	3	2	4	4,1	9	25	58	0	00	7	26	2	0	0	—	11	21	61	0	150
ALEXANDRIA	01	9	32	3	2	4	8	9.2	24.4	57	0	00	5	30	4	0	0	—	12.0	22.6	37	0	132
DAMIETTA	02	7	30	2	1	5	5	8.8	24.9	72	0	00	6	24	1	1	0	—	10.7	19.9	91	0	159
PORT SA'ÎD	02	8	10	2	2	5	2	9.1	26.7	39	0	01	8	08	1	1	4	5	11.5	21.6	87	0	134
EL 'ARÎSH	02	9	28	2	0	6	2	9.1	26.9	51	0	01	9	32	1	1	4	—	11.1	20.1	89	0	135
LOWER EGYPT: DAMANHÛR	01	7	24	3	1	5	3	9.2	27.0	51	0	00	7	24	2	1	0	—	12.2	20.0	72	0	136
MANSÛRA	01	8	20	1	1	4	6	9.2	28.0	47	0	00	6	32	1	1	0	—	11.9	21.0	74	0	137
TANTA	02	8	28	2	1	5	5	8.7	27.0	49	0	00	8	00	0	0	0	—	11.2	19.4	64	0	138
ZAGAZIG	02	6	18	2	2	6	8	9.5	27.6	39	0	00	6	32	2	0	0	—	12.3	20.0	77	0	139
SHEBÎN EL KÔM	00	8	22	2	1	2	2	9.8	29.0	40	0	00	7	30	2	1	0	—	13.0	21.1	51	0	—
MIDDLE EGYPT: CAIRO ALMÂZA	02	7	19	3	2	5	2	8.8	29.4	22	0	00	7	23	1	0	0	—	12.3	22.7	40	0	141
CAIRO EZBEKÎYA	05	7	14	3	1	5	4	9.2	28.0	26	0	00	6	00	0	0	0	—	12.7	21.6	46	0	—
CAIRO GÎZA	02	8	16	2	2	6	2	9.5	28.5	30	0	00	8	00	0	0	0	—	12.7	18.3	59	0	—
HELWÂN	02	7	14	1	2	7	2	9.5	26.9	26	0	00	6	00	0	0	0	—	12.6	22.3	38	0	143
SUEZ	02	9	18	1	2	5	2	10.0	27.0	68	0	00	9	00	0	0	0	—	12.0	21.4	46	0	144
UPPER EGYPT: FAIYÛM	02	8	00	0	2	7	2	9.2	27.5	26	10	02	8	00	0	2	6	2	12.7	20.0	65	0	153
MINYA	02	8	16	2	1	6	2	9.6	30.0	33	0	02	8	16	2	1	5	3	11.1	23.8	41	0	154
ASYÛT	02	7	12	1	1	5	6	9.8	30.0	37	0	00	6	22	1	1	0	—	11.8	22.0	58	0	155
NAG' HAMÂDI	02	8	00	0	2	6	5	8.8	30.1	52	0	02	8	00	0	2	5	4	10.3	19.9	73	0	164
QENA	01	9	16	2	1	5	3	8.2	30.4	24	0	01	6	24	2	1	4	3	10.0	21.8	70	0	156
LUXOR	01	7	18	2	1	4	1	9.4	32.5	29	0	00	6	28	2	0	0	—	10.8	23.0	44	0	157
ASWÂN	00	9	26	1	0	0	—	6.3	34.0	13	0	00	9	30	1	0	0	—	10.2	28.3	15	0	158
WESTERN DESERT: SÎWA	00	8	20	2	0	0	—	11.8	23.8	69	0	00	8	00	0	0	0	—	12.6	18.4	75	0	148
BAHARÎYA	00	9	00	0	0	0	—	9.2	25.5	58	0												149
KHÂRGA	01	9	10	1	1	4	1	10.8	31.4	23	0	00	9	32	1	0	0	—	12.0	25.1	22	0	151
DAKHLA	00	9	28	2	0	0	—	9.8	30.5	39	0	00	7	28	2	0	0	—	12.2	17.0	61	0	152
RED SEA: TÔR	00	7	16	3	0	0	—	10.7	28.2	70	0	00	7	16	3	0	0	—	11.9	24.8	64	0	145
HURGHÂDA	02	6	12	3	2	6	1	9.4	27.4	57	0	01	8	14	1	1	4	2	11.0	23.4	86	0	146
QUSEIR	02	8	08	2	2	5	—	10.7	26.9	70	0	02	8	08	2	2	5	4	11.1	24.8	77	0	147
PORT SÛDÂN	01	9	10	3	1	3	2,3	9	30	77													[illegible]
NORTH SÛDÂN: WÂDI HALFA	00	8	02	2	0	3	2	7	37	08													165
KAREIMA	00	8	28	1	0	0	—	7	36	10													166
'ATBARA	00	8	04	3	0	0	—	5	36	15													167
KHARTÛM	00	8	30	3	0	1	4	5	37	12													209
KASSALA	01	8	32	3	1	4	4,1	3	38	21													170
CENTRAL SÛDÂN: WAD MEDANI	01	8	04	4	0	3	3	4	37	13													171
RENK	01	9	20	3	1	4	8	2	38	25													182
ROSEIRES	01	8	24	1	0	5	1		36	27													172
EL OBEID	02	9	04	3	0	5	2	3	36	12													174
EL FÂSHER	01	8	00	0	1	4	2,4	—	34	13													175
GENEINA	00	8	12	2	1	3	8	—	34	16													179
KADUGLI	02	8	12	3	1	6	1	4	37	20													187
S. SÛDÂN: MALAKÂL	02	8	02	1	1	8	4,2	5	34	41													176
WÂU	02	8	20	1	1	5	2,4	4	33	44													177
JUBA	01	8	30	1	1	4	8,1	5	34	47													178

UPPER WINDS ON 19th — الرياح العليا يوم ١٩

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA 13h.	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA 13h.15m.	KAREIMA 12h.45m.	KHARTÛM 13h.	KASSALA 13h.	EL OBEID 13h.	MALAKAL 13h.	JUBA 12h.45m.
			03 22 25				09 33 15	09 00 00	09 04 15	09 02 30	09 07 20	09 01 10	09 35 05
			06 22 30				15 27 10	15 00 00	15 08 15	15 02 40	15 09 30	15 01 10	15 07 05
			09 22 40				21 23 05	21 00 00	21 06 10	21 02 20	21 09 40	21 03 15	21 09 05
			15 21 45				27 15 05	27 34 20	27 05 20	27 06 20	27 12 05	27 02 15	
							33 20 05	33 31 20				33 08 05	
							39 22 10	39 31 25				39 09 05	

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	20th	2602	1736
	19th	2674	1736

STATION	Mean of day: Humidity % on 19th	Diff from normal	Wet bulb temp °C on 19th	Diff from normal
Alexandria	52	-13	17.7	+1.1
Ezbekîya	37	-31	15.5	+0.1
Gîza	43	-28	15.2	-0.1
Helwân	27	-30	14.1	-0.4

GÎZA — GRASS MINIMUM TEMP. on 20th 6.3° C

CAIRO — WATER TEMP. RIVER NILE AT 8h. on 20th 21.8° C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	20th			73.21	-0.43
Nâsser				11.13	+0.75
Malakâl		12.90	+0.57	12.90	+0.57
J. Aulia Res.					
J. Aulia D.S					
Roseires		14.62	+0.79	14.69	+0.81
Sennar Res.				19.67	—
Khartûm				12.56	+0.60
Kh. el Girba					
'Atbara		11.79	+0.05	11.92	+0.45
Kajnarti		136.39	+0.56	136.46	+0.57
Aswân Res.		118.02	—	118.07	—
Aswân D.S		87.64	+1.66	87.74	+1.76
Roda (Cairo)		17.17	+0.28	17.19	+0.25

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on WEDNESDAY 20th — الساعة ٨ يوم الأربعاء ٢٠

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C	Maximum Diff. from norm. °C	Minimum Today °C	Minimum Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
MEDITERRANEAN: SALÛM												—		—				13
MATRÛH	00	9	22	2	0	0	—	15.4	-2.3	17.0	24	+1	16	+1	54	0	14	31
MARIUT	00	8	21	3	0	0	—	16		18	26	—	16	—	49	0	3	23
ALEXANDRIA	00	8	20	2	0	0	—			20.4	26	+2	17	+1	37	0	3	28
DAMIETTA	00	7	24	2	0	0	—	15.2	-1.7	16.9	28	—	13	—	64	0	dr.	16
PORT SA'ÎD	00	8	12	2	0	0	—	16.8	-1.1	18.7	27	+3	17	0	63	0	4	11
EL 'ARÎSH	02	9	20	1	1	7	2	16.8	-1.5	17.7	28	+3	—	—	65	0	tr.	12
LOWER EGYPT: DAMANHÛR	00	7	24	3	0	0	—	16.2	-2.0	15.2	28	+3	12	-1	47	0	2	12
MANSÛRA	00	8	24	1	0	0	—	16.0	-1.4	16.0	29	+3	12	-2	57	0	dr.	7
TANTA	00	8	20	1	0	0	—	16.2	-2.0	16.6	28	+2	11	-1	57	0	dr.	6
ZAGAZIG	00	6	20	2	0	0	—	16.3	-1.5	15.1	29	+3	12	0	57	0	dr.	4
SHEBÎN EL KÔM	00	8	22	2	0	0	—	16.5	-1.4	14.1	31	—	13	—	55	0	dr.	—
MIDDLE EGYPT: CAIRO ALMAZA	00	7	00	0	0	0	—	16.8	-0.9	19.2	30	—	14	—	43	0	dr.	—
CAIRO EZBEKÎYA	05	6	16	1	0	0	—	16.8	-0.9	17.1	29	+4	14	0	42	0	dr.	3
CAIRO GÎZA	00	7	14	1	0	0	—	17.1	-0.7	17.8	30	+5	10	-1	52	0	dr.	4
HELWÂN	05	6	00	0	0	0	—	17.4	-0.8	16.9	28	+3	14	0	41	0	0	3
SUEZ	00	9	32	1	0	0	—	17.4	+0.5	19.3	28	+2	14	-1	35	0	dr.	4
UPPER EGYPT: FAIYÛM	00	8	00	0	0	0	—	17.5	-0.3	14.8	29	+3	12	0	51	0	dr.	0
MINYA	00	9	32	2	0	0	—	17.0	-1.0	18.0	32	+6	14	+1	53	0	dr.	—
ASYÛT	00	7	22	1	0	0	—	16.3	-1.5	17.8	32	+6	14	+2	57	0	0	1
NAG' HAMÂDI	00	8	00	0	0	0	—	15.4	-1.2	19.4	33	—	14	—	58	0	0	—
QENA																	0	—
LUXOR	00	7	28	2	0	0	—	14.7	-1.6	20.0	34	~~+4~~	14	~~+2~~	47	0	0	—
ASWÂN	00	9	00	0	0	0	—	13.5	-2.8	25.0	36	+6	19	+3	30	0	0	—
WESTERN DESERT: SÎWA	00	8	00	0	0	0	—	17.9	-2.1	11.0	24	-2	4	-5	71	0	0	1
BAHARÎYA																	0	1
KHÂRGA	00	9	32	1	0	0	—	15.2	-2.0	21.5	34	+6	17	+5	32	0	0	—
DÂKHLA	00	8	28	1	0	0	—	16.6	-1.6	18.5	32	+4	15	+4	54	0	0	—
RED SEA: TÔR	00	7	28	1	0	0	—	14.4	-1.6	17.7	29	+3	16	+2	67	0	0	3
HURGHÂDA	01	7	26	4	1	4	1	14.7	-1.5	23.2	29	+2	17	+2	73	0	0	1
QUSEIR	02	8	28	2	2	5	6	13.6	-2.3	23.8	28	+1	21	+2	79	0	0	2
PORT SÛDÂN	00	9	00	0	0	2	8	13		28					79	0	124	41
NORTH SÛDÂN: WÂDI HALFA	00	8	00	0	0	0	—	14		21					28	0	0	—
KAREIMA	00	8	00	0	0	2	4	13		24					34	0	dr.	1
'ATBARA	00	8	02	2	0	0	—	11		25					30	0	dr.	2
KHARTÛM	01	8	04	3	0	3	4	11		27					23	0	2	4
KASSALA	01	8	32	1	1	3	4	10		28					52	0	1	8
CENTRAL SÛDÂN: WAD MEDANI	01	8	04	4	1	3	3	10		27					33	0	15	12
RENK	01	9	29	3	1	4	3	9		28		—		—	66	—	—	47
ROSEIRES	01	8	16	1	0	4	1			25					70	0	21	34
EL OBEID	02	9	08	1	1	6	4,2	10		27					22	0	69	16
EL FÂSHER	01	8	08	1	1	5	4,5	—	—	27					15	0	4	6
GENEINA								—	—			—		—		—	—	4
KADUGLI	02	8	28	2	1	6	1	10		26		—		—	62	—	—	87
S. SÛDÂN: MALAKÂL	02	8	24	2	1	5	4,1	11		25					84	0	112	84
WÂU	02	8	24	1	1	6	4,5	11		21					78	0	144	140
JUBA	02	8	14	2	1	5	4	11		24					74	0	210	119

UPPER WINDS ON 20th — الرياح العليا يوم ٢٠

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT 7h.	PORT SA'ÎD	HELWÂN 9h.	MINYA 7h.30m.	ASYÛT 7h.	LUXOR 6h.30m.	ASWÂN 7h.	WÂDI HALFA 7h.15m.	ABU HAMAD 7h.	KAREIMA 7h.	KHARTÛM
	03 28 20		02 18 02	03 33 30	02 13 20	03 33 05	02 36 15	09 36 30	09 31 25	09 03 65	
	06 29 20		05 31 10	06 32 20	05 13 20	06 02 15	05 25 25	15 35 20	15 29 20	15 04 40	
	09 31 20		08 32 10	09 29 10	10 15 05	09 35 15		21 36 10	21 26 25	21 03 20	
	15 26 15		10 24 25	15 21 20	15 21 05	12 01 05		27 29 20	27 24 45	27 36 15	
	21 23 20		15 24 40	24 22 15	20 20 ·5	15 03 15		33 19 20	33 21 20	33 36 25	
	24 25 30		20 25 45	30 15 05		18 05 10		39 26 05	36 23 05		
	30 26 30		25 24 35	39 36 20		21 07 10					
	36 25 30		30 23 30	45 23 30							
	39 24 35										

KASSALA 7h.	PORT SÛDÂN 7h.	EL OBEID 7h.	EL FÂSHER 7h.30m.	GENEINA	MALAKAL 7h.
09 04 25	09 06 20	09 09 30	09 05 20		09 28 30
15 02 20	15 08 45	15 07 40	15 07 20		15 28 20
21 02 30	21 12 15	21 07 40	21 09 20		21 32 05
27 03 20	27 11 15	29 11 30	24 10 15		27 29 05
33 05 15	33 13 25	33 12 20			39 04 15
39 37 10	39 18 55				

CYPRUS SYNOPTIC 8h. ON 20th.
347xx 028xx 24357 0820x xxxxx xxxxx

UPPER AIR TEMP. ALMÂZA AT 6h. G.M.T. ON 20th.

HEIGHT feet	P.P.P m.b.	TT °F	tt °F
Surface	1006	59	52
500	989	64	53
1000	970	64	52
1500	952	62	52
2000	935	60	51
4000	869	64	49
6000	806	55	43
8000	747	47	36
10000	692	40	31
12000	640	35	28
14000	591	28	24
16000	545	21	18

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.

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 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 AMOUNT (N)

Clear 0
Trace 1
1 Tenth 2
2, 3 Tenths 3
4, 5, 6 Tenths 4
7, 8 Tenths 5
9 Tenths 6
Over 9 Tenths 7
Overcast 8
Fog or Dust 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

ANNUAL SUBSCRIPTION P.T. 150

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Time of Sunrise 05 h. 24 m.
Sunset 16 h. 57 m.

Month *NOVEMBER* 1946 — شهر نوفمبر ١٩٤٦

At 14h. on WEDNESDAY 20th (الساعة ١٤ يوم الأربعاء ٢٠) — At 20h. on 20th (الساعة ٢٠ يوم الأربعاء ٢٠)

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20 mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	01	9	30	3	0	4	8	16.2	22.0	74	0	00	8	02	1	1	0	—	18.3	21.0	70	0	131
MARIUT	05	6	24	2	0	2	8	16	25	58	0	00	7	00	0	0	0	—	18	18	88	0	150
ALEXANDRIA	01	9	24	3	1	4	8	16.4	23.8	66	0	01	5	32	1	2	4	8	17.9	21.2	73	0	132
DAMIETTA	00	8	24	2	0	0	—	15.4	23.5	52	0	00	6	14	1	0	0	—	17.1	18.0	70	0	159
PORT SA'ÎD	00	8	30	2	0	0	—	15.9	23.5	52	0	00	8	02	1	0	0	—	17.9	19.0	81	0	134
EL 'ARÎSH	00	9	26	2	0	0	—	15.6	23.8	43	0	00	9	32	1	0	0	—	17.2	16.7	83	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	24	2	0	0	—	15.5	27.8	34	0	00	7	28	3	0	0	—	16.6	18.3	58	0	136
MANSÛRA	00	8	32	2	0	0	—	15.8	25.2	45	0	00	6	04	1	0	0	—	17.9	19.8	72	0	137
TANTA	00	8	24	2	0	0	—	15.4	24.4	49	0	00	8	32	1	0	0	—	17.2	18.4	77	0	138
ZAGAZIG	00	6	24	2	0	0	—	16.0	24.8	53	0	01	6	32	2	0	3	8	17.3	19.5	62	0	139
SHEBÎN EL KÔM	00	8	30	2	0	0	—	16.0	27.6	27	0	00	7	30	2	0	0	—	17.8	19.4	65	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	7	30	1	0	0	—	15.4	25.4	26	0	00	7	00	0	0	0	—	17.5	19.3	42	0	141
CAIRO EZBEKÎYA	05	7	28	1	0	0	—	15.9	25.4	29	0	00	6	00	0	0	0	—	17.5	22.5	50	0	—
CAIRO GÎZA	00	8	32	2	0	0	—	16.0	25.0	24	0	00	7	00	0	0	0	—	18.0	19.2	38	0	—
HELWÂN	00	7	00	0	0	0	—	15.9	23.4	22	0	00	6	02	2	0	0	—	17.7	18.0	32	0	143
SUEZ	00	9	02	2	0	0	—	15.9	24.4	31	0	00	9	30	1	0	0	—	17.9	20.0	37	0	144
UPPER EGYPT																							
FAIYÛM	00	8	32	2	0	0	—	15.8	24.5	27	0	00	8	00	0	0	0	—	17.8	16.6	70	0	153
MINYA	00	9	32	2	1	2	1	15.6	24.9	30	0	01	9	32	2	1	3	1	17.6	18.7	57	0	154
ASYÛT	00	7	32	1	0	0	—	14.6	26.5	30	0	00	6	22	1	0	0	—	17.0	18.9	53	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	13.2	28.9	41	0	00	8	24	1	0	0	—	15.1	20.6	44	0	164
QENA	01	9	20	1	1	3	1	11.8	28.1	38	0	00	6	24	3	0	0	—	14.2	23.6	42	0	156
LUXOR	00	7	06	2	0	0	—	12.6	34.0	27	0	00	6	32	1	0	0	—	14.0	20.2	46	0	157
ASWÂN	00	9	32	2	0	0	—	10.7	33.2	16	0	00	9	32	1	0	0	—	12.7	28.0	18	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	—	17.8	24.2	26	0	00	8	00	0	0	0	—	18.7	18.4	67	0	148
BAHARÎYA	00	9	00	0	0	0	—	16.0	24.0	26	0	00	9	32	1	0	0	—	18.8	18.0	73	0	149
KHÂRGA	00	9	32	1	0	0	—	13.6	30.0	18	0	00	9	32	1	0	0	—	14.2?	25.4	22		151
DAKHLA	00	9	28	1	0	0	—	13.9	30.8	49	0	00	7	28	2	0	0	—	16.3	18.0	55	0	152
RED SEA																							
TÔR	00	7	28	3	0	0	—	13.9	27.8	60	0	00	7	28	2	0	0	—	15.2	22.2	54	0	145
HURGHÂDA	02	6	04	3	2	5	1	12.8	27.3	54	0	01	7	28	3	1	4	2	15.0	23.1	54	0	146
QUSEIR	01	8	02	2	2	3	6	13.2	26.3	80	0	01	8	32	2	2	3	6	13.8	25.3	78	0	147
PORT SÛDÂN	00	9	10	2	0	1	8	11	30	90													208
NORTH SÛDÂN																							
WÂDI HALFA	00	8	28	2	0	0	—	11	33	10													165
KAREIMA	00	8	32	2	0	1	4	9	34	14													166
'ATBARA																							167
KHARTÛM	01	8	02	3	1	4	4	7	36	12													209
KASSALA	00	8	32	3	9	2	4	5	37	17													170
CENTRAL SÛDÂN																							
WAD MEDANI																							171
RENK	01	9	28	3	1	4	3	4?	36	18													182
ROSEIRES	01	8	04	1	1	4	1	8?	37	18													[illegible]
EL OBEID	02	9	06	4	1	6	4,2	5	36	19													[illegible]
EL FÂSHER	00	9	12	3	1	3	8,1	—	34	16													[illegible]
GENEINA																							[illegible]
KADUGLI	02	8	04	4	1	6	4	7	32	13													187
S. SÛDÂN																							
MALAKÂL	01	8	20	1	1	4	8,1	6	34	41													176
WÂU	01	8	32	2	1	4	8,4	6	33	21													177
JUBA	01	8	28	1	1	4	8,1	6	33	44													178

UPPER WINDS ON 20th (الرياح العليا يوم ٢٠)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	12 h. 30 m.	h. m.	h. m.	h. m.	h. m.	h. m.	13 h. 15 m.	13 h. m.	13 h. m.	h. m.	13 h. m.	13 h. m.	13 h. m.
	03 26 10						09 35 20	09 01 15	09 02 20		09 10 30	09 27 05	09 02 05
	06 22 05						15 31 15	15 36 25	15 36 20		15 10 25	15 33 05	15 01 05
	09 26 15						21 21 05	21 34 25	21 34 25		21 10 25	21 36 10	21 05 10
	12 29 15							27 32 30			27 08 25	27 03 05	27 07 02
	15 26 20							33 26 40			33 11 20	33 06 20	33 18 15
	18 29 25							39 24 35			39 18 05	39 07 20	39 10 25
	21 26 40												

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 20th	Diff from normal	Wet bulb temp °C on 20th	Diff from normal
Alexandria	51	-14	16.9	+0.4
Ezbekiya	39	-29	14.2	-1.0
Giza	57	-14	13.0	-2.1
Helwân	31	-26	11.8	-2.5

GÎZA — Grass minimum temp. on 21st 7.4 °C

CAIRO — Water temp. River Nile at 8h. on 21st 21.5 °C

Discharges at Aswan measured by sluices m³ per sec.	1946	1945
21st	2547	1736
20th	2602	1736

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	21st			13.22	-0.41
Nâsser				11.12	+0.77
Malakâl		12.90	+0.60	12.90	+0.59
J. Aulia Res.				377.10	—
J. Aulia D.S				372.99	+0.38
Roseires				14.62	+0.79
Sennar Res.				17.79	—
Khartûm				12.53	+0.40
Kh. el Girba					
'Atbara		11.89	+0.46	11.89	+0.45
Kajnarti		136.34	+0.57	136.39	+0.56
Aswân Res.		118.15	—	118.02	—
Aswân D.S		87.54	+0.96	87.64	+1.06
Roda (Cairo)		17.12	+0.29	17.17	+0.28

Printed by the Survey of Egypt, 1945.(45/306)

At 8h. on THURSDAY 21st (الساعة ٨ يوم الخميس ٢١)

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yester day °C	Diff. from norm. °C	Min. Today °C	Diff from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct 1 mms
MEDITERRANEAN																		
SALÛM												—		—				13
MATRÛH	00	9	00	0	0	0	—	20.3	+2.6	19.0	24	+1	15	+1	72	0	14	31
MARIUT	01	7	18	1	0	3	4	20		20	26	—	14	—	73	0	3	24
ALEXANDRIA	01	8	00	0	2	4	8	20.8	+2.1	22.4	25	+1	19	+3	71	0	3	29
DAMIETTA	00	9	00	0	1	2	9	19.5	+2.5	18.7	25	—	15	—	74	0	dr.	16
PORT SA'ÎD	00	8	18	1	0	2	2	20.2	+3.3	21.1	26	+2	17	+1	71	0	4	11
EL 'ARÎSH	00	9	14	1	0	0	—	19.9	+2.6	14.4	27	+3	—	—	75	0	tr.	13
LOWER EGYPT																		
DAMANHÛR	00	6	16	2	0	0	—	19.5	+1.3	17.4	28	+3	14	+1	88	0	2	12
MANSÛRA	00	8	16	1	0	0	—	20.2	+2.8	19.8	27	+2	14	0	65	0	dr.	7
TANTA	00	8	00	0	0	0	—	19.8	+1.6	16.6	25	0	15	+3	83	0	dr.	6
ZAGAZIG	00	6	00	0	0	0	—	20.4	+2.5	16.9	29?	+4	12	0	79	0	dr.	4
SHEBÎN EL KÔM	00	7	30	1	0	0	—	20.4	+2.4	17.8	29	—	13	—	61	0	dr.	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	08	1	0	0	—	19.6	+1.8	19.1	26	—	15	—	69	0	dr.	—
CAIRO EZBEKÎYA	09	6	26	1	0	0	—	20.0	+2.2	15.9	26	+1	14	+1	66	0	dr.	3
CAIRO GÎZA	05	6	30	2	0	0	—	20.2	+2.4	17.2	27	+2	11	0	69	0	dr.	5
HELWÂN	05	6	04	2	0	0	—	19.6	+1.3	19.2	25	+1	16	+2	63	0	0	3
SUEZ	00	9	30	1	0	0	—	19.9	+3.0	19.6	25	-1			49	0	dr.	4
UPPER EGYPT																		
FAIYÛM	00	7	00	0	0	0	—	19.8	+1.9	16.0	26	0	12	0	77	0	dr.	0
MINYA	00	9	32	2	0	0	—	19.6	+1.5	15.1	26	+1	12	0	57	0	dr.	—
ASYÛT	00	6	22	1	0	0	—	19.0	+1.2	15.5	30	+4	13	+1	57	0	0	1
NAG' HAMÂDI	02	8	00	0	2	5	5	18.0	+1.8	16.4	30	—	14	—	57	0	0	—
QENA	00	7	24	3	0	0	—	19.1	+2.2	17.6	31	+2	15	+2	59	0	0	—
LUXOR	00	7	28	2	0	0	—	19.1	+2.7	24.4	34	+4	15	+4	81	0	0	—
ASWÂN	00	9	32	2	0	0	—	16.4	0.0	24.0	34	+4	21	+6	23	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	19.4	+0.3	15.0	25	0	7	-2	56	0	0	1
BAHARÎYA	00	9	08	1	0	0	—	19.8	+1.1	17.0	25	0	12	+2	70	0	0	1
KHÂRGA	00	9	08	1	0	0	—	—	—	16.0	30	+2	13	+1	48	0	0	—
DÂKHLA	00	8	28	1	0	0	—	19.6	+1.3	15.0	31	+4	10	-1	49	0	0	—
RED SEA																		
TÔR	00	7	04	3	0	0	—	16.8	+0.7	18.6	28	+2	15	+1	76	0	0	3
HURGHÂDA	01	7	26	4	1	3	3	16.3	+0.1	23.2	28	+2	16	+1	35	0	0	1
QUSEIR	01	8	28	3	1	3	4	16.2	+0.2	24.0	27	0	19	0	34	0	0	2
PORT SÛDÂN	00	8	00	0	1	2	2,4	14		29					79	0	124	43
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	2	0	0	—	16		21					26	0	0	—
KAREIMA	01	8	00	0	1	4	4	15		22					21	0	dr.	1
'ATBARA	01	7	28	3	1	4	4	14?		25					22	0	dr.	2
KHARTÛM	00	8	32	4	1	1	4,5	12		28					19	0	2	4
KASSALA	00	8	02	3	0	0	—	10		30					52	dr.	1	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	04	4	0	3	3	10		26					21	0	15	12
RENK	00	9	28	3	0	0	—	10		29		—		—	57	—	—	147
ROSEIRES																0	21	35
EL OBEID	02	9	30	2	1	6	4,5	13		23					27	0	69	16
EL FÂSHER	01	8	32	1	1	4	4	—	—	24					22	0	4	6
GENEINA	01	8	02	2	1	4	4	—	—	17		—		—	46	—	—	4
KADUGLI												—					—	87
S. SÛDÂN																		
MALAKÂL	00	8	30	2	1	2	4,1	10		27					70	0	112	85
WÂU	02	8	00	0	1	5	4	12		21					88	4	155	140
JUBA	02	8	14	2	1	5	4,2	12		25					79	0	210	120

UPPER WINDS ON 21st (الرياح العليا يوم ٢١)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	9 h. m.	h. m.	7 h. m.	h. m.	7 h. m.	7 h. 30 m.	h. m.	7 h. m.	6 h. 30 m.
			00 02 10		02 34 20		02 01 20	09 36 30		09 33 20	09 03 55
			05 04 35		05 36 20		05 07 15	15 03 40		15 26 20	15 04 5[illegible]
			10 05 20		10 33 20		10 03 15	21 04 20		21 30 30	21 05 20
			15 21 15		15 30 10		15 05 20	27 05 15		27 27 30	24 06 15
			20 20 25				20 06 05			33 28 30	27 10 05
			25 21 20				25 15 15			39 27 20	30 14 05
			30 21 20				30 15 25				33 11 05
			40 22 10				40 09 20				
			49 23 20				50 11 25				

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. m.	7 h. 15 m.	7 h. m.	7 h. m.	7 h. 15 m.	7 h. m.
09 07 15	09 21 30	09 03 60	09 05 15	09 07 20	09 34 20
15 06 30	15 29 15	15 06 25	15 08 40	15 13 20	15 33 20
21 06 30		21 08 35	21 12 15	21 14 20	21 32 40
		27 09 30	27 13 05	27 13 20	27 36 25
		33 11 20	33 16 05	33 14 15	33 36 30
		39 05 20		39 14 20	39 36 20

CYPRUS SYNOPTIC 8h. ON 21st

34900 00990 28200 20130 86308 00xxx
34820 00961 20201 20140 70205 97xxx

UPPER AIR TEMP. ALMÂZA AT 6 G.M.T. ON 21st

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	1010	60	57
500	992	66	62
1000	974	65	59
1500	956	63	58
2000	939	62	57
4000	872	58	45
6000	809	54	45
8000	750	48	37
10000	695	40	31
12000	642	33	27
14000	593	26	23
16000	547	21	19

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.

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 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 AMOUNT (N)

Clear 0; Trace 1; 1 Tenth 2; 2, 3 Tenths 3; 4, 5, 6 Tenths 4; 7, 8 Tenths 5; 9 Tenths 6; Over 9 Tenths 7; Overcast 8; Fog or Dust F

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

ANNUAL SUBSCRIPTION P.T. 150

Time of Sunrise 08 25 h. m.
Sunset 16 57 h. m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month NOVEMBER 1946 — شهر نوفمبر ١٩٤٦

At 14h. on THURSDAY 21st — الساعة ١٤ يوم الخميس ٢١ / At 20h. on 21st — الساعة ٢٠ يوم الخميس ٢١

	Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 h. mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20 h. mms	Station Number
MEDITERRANEAN	SALÛM																							130
	MATRÛH	01	9	02	2	0	4	8	19.5	22.4	63	0	00	8	06	2	1	0	—	20.4	21.4	64	0	131
	MARIUT	01	7	30	1	1	4	8	19	25	58	0	00	7	00	0	1	1	6	20	18	88	0	150
	ALEXANDRIA	01	8	28	1	2	4	8	19.1	24.6	61	0	01	5	04	1	2	3	4	20.2	20.4	69	0	132
	DAMIETTA	00	8	02	3	1	3	8	18.7	22.5	69	0	00	7	20	3	1	0	—	19.0	21.0	76	0	159
	PORT SAʽÎD	00	6	02	2	0	3	8	18.8	23.8	71	0	01	8	30	3	1	3	8	19.6	21.6	73	0	134
	EL ʽARÎSH												00	9	04	2	0	0	—	18.4	21.7	77	0	135
LOWER EGYPT	DAMANHÛR	01	7	04	3	1	5	8	17.8	24.8	58	0	00	7	04	3	1	0	—	19.2	19.0	78	0	136
	MANSÛRA	01	8	04	2	1	4	8	18.4	25.0	60	0	00	6	04	3	1	0	—	19.4	19.8	80	0	137
	ṬANṬA	01	8	04	1	1	3	8	17.8	25.0	59	0	00	8	32	1	0	0	—	19.0	19.0	79	0	138
	ZAGAZIG	01	6	28	2	1	4	8	19.5	24.9	56	0	00	6	32	2	0	0	—	19.9	20.5	82	0	139
	SHEBÎN EL KÔM	01	8	02	2	1	4	8	18.7	27.1	48	0	00	7	30	2	0	0	—	19.5	20.3	81	0	
MIDDLE EGYPT	CAIRO ALMÂZA	00	8	02	2	0	1	8	17.5	25.5	39	0	00	7	05	3	0	0	—	19	21	65	0	141
	CAIRO EZBEKÎYA	00	8	02	3	0	2	8	17.6	25.8	47	0	00	6	04	4	0	0	—	18.7	20.1	78	0	
	CAIRO GÎZA	00	8	02	2	0	1	8	18.2	25.6	49	0	00	8	02	2	0	0	—	18.7	20.6	74	0	
	ḤELWÂN	00	7	02	3	0	0	—	17.2	25.2	36	0	00	7	04	5	0	0	—	18.3	20.9	66	0	143
	SUEZ	00	9	02	1	0	0	—	17.0	27.6	27	0	00	9	26	2	0	0	—		20.6	71	0	144
UPPER EGYPT	FAIYÛM	00	8	32	2	0	0	—	17.0	26.0	38	0	00	8	00	0	0	0	—	18.3	20.1	60	0	153
	MINYA	00	9	32	3	0	0	—	17.2	25.8	40	0	00	9	32	2	0	0	—	18.2	19.3	65	0	154
	ASYÛT	00	7	22	1	0	0	—	16.6	26.5	31	0	00	6	20	1	0	0	—	17.2	19.1	62	0	155
	NAGʽ ḤAMÂDI	00	8	00	0	2	0	—	15.2	28.0	38	0	00	8	00	0	0	0	—	16.3	21.0	55	0	164
	QENA	00	9	20	2	0	0	—	14.2	28.3	38	0	00	6	24	3	0	0	—	14.3	22.9	44	0	156
	LUXOR	00	7	30	2	0	0	—	14.6	32.0	28	0	00	6	28	1	0	0	—	15.9	23.0	34	0	157
	ASWÂN	01	9	30	2	1	4	4	12.4	31.6	25	0	02	9	00	0	1	5	4	14.7	30.0	25	0	158
WESTERN DESERT	SÎWA	00	8	00	0	0	0	—	19.6	26.0	33	0	00	—	00	0	0	0	—	20.0	15.4	64	0	148
	BAHARÎYA	00	9	00	0	0	0	—	17.4	24.2	57	0												149
	KHÂRGA	00	9	32	1	0	0	—	18.2	28.2	19	0	00	9	32	1	0	0	—		25.1	17	0	151
	DAKHLA	00	9	28	1	0	0	—	15.7	28.0	44	0	00	7	28	1	0	0	—	19.8	14.5	51	0	152
RED SEA	ṬÔR	00	7	28	3	0	0	—	15.2	27.1	64	0	00	7	28	2	0	0	—	15.0	23.2	60	0	[illegible]
	HURGHADA	00	6	30	4	0	0	—	14.4	26.8	57	0	00	7	28	5	0	0	—	15.0	24.3	56	0	146
	QUṢEIR	00	8	02	2	1	0	—	18.4	28.1	44	0	00	8	32	2	0	3	5	14.6	26.0	64	0	147
	PORT SÛDÂN	00	9	08	3	0	1	8	11	30	62													108
NORTH SÛDÂN	WÂDI HALFA	00	8	02	2	0	2	8	13	31	33													165
	KAREIMA	00	8	30	1	0	0	—	11	33	06													166
	ʽATBARA	00	7	32	4	1	3	4	9	34	12													167
	KHARTÛM	01	8	32	4	1	4	4	9	37	06													108
	KASSALA	00	8	02	1	0	0	—	5	38	21													170
CENTRAL SÛDÂN	WAD MEDANI	00	8	23	5	0	3	1	6	37	07													171
	RENK	00	9	32	3	0	0	—	4	34	23													182
	ROSEIRES	01	8	24	1	0	4	4		39	23													172
	EL OBEID	02	9	02	5	8	5	4,1	9?	33	09													174
	EL FÂSHER	02	8	04	3	1	6	8,2	—	33	10													175
	GENEINA	00	8	06	2	1	2	8	—	35	23													179
	KADUGLI	10	8	04	4	1	4	1	7	37	20													187
S. SÛDÂN	MALAKÂL	01	7	02	3	1	3	1	6	36	33													176
	WAU	01	8	30	2	1	4	8	7	33	41													177
	JUBA	02	8	28	1	1	5	2,2	7	33	41													178

At 8h. on FRIDAY 22nd — الساعة ٨ يوم الجمعة ٢٢

	Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Total From Oct 1 mms	Norm From Oct 1 mms
MEDITERRANEAN	SALÛM												—		—				14
	MATRÛH	01	9	24	1	0	4	8	20.7	+2.9	20.0	26	+3	15	+1	67	0	14	32
	MARIUT	01	7	08	1	2	4	6	20		21	26	—	18	—	74	0	3	25
	ALEXANDRIA	02	8	08	2	2	5	8	20.0	+1.8	20.7	26	+2	19	+3	67	0	3	30
	DAMIETTA	01	8	32	2	1	3	6	19.2	+2.2	20.8	23	—	18	—	74	0	dr.	17
	PORT SAʽÎD	00	8	04	3	0	3	8	19.2	+2.3	22.1	26	+2	20	+4	74	0	4	12
	EL ʽARÎSH	02	9	16	2	0	5	3	18.3	+0.8	19.1	25	+1	15	+3	61	0	tr.	13
LOWER EGYPT	DAMANHÛR	00	6	04	3	0	0	—	19.5	+1.3	18.3	28	+3	14	+1	82	0	2	12
	MANSÛRA	00	8	32	1	0	0	—	19.6	+2.1	18.4	27	+2	16	+3	78	0	dr.	7
	ṬANṬA	00	8	32	1	0	0	—	19.1	+0.9	20.0	26	+1	13	+1	79	0	dr.	6
	ZAGAZIG	00	6	32	1	0	0	—	19.8	+1.9	20.8	26	+1	16	+4	77	0	dr.	5
	SHEBÎN EL KÔM	00	8	04	1	0	0	—	19.9	+1.9	16.4	29	—	14	—	87	0	dr.	—
MIDDLE EGYPT	CAIRO ALMAZA	01	7	03	1	0	5	6	19		18	26	—	16	—	83	0	dr.	—
	CAIRO EZBEKÎYA	05	5	32	3	0	3	8	18.8	+1.0	17.3	27	+2	15	+2	87	0	dr.	3
	CAIRO GÎZA	09	6	30	1	0	3	8	19.1	+1.2	16.4	26	+1	13	+2	94	0	dr.	5
	ḤELWÂN	05	6	04	5	0	1	8	18.0	-0.3	19.6	26	+2	18	+4	75	0	0	3
	SUEZ	00	9	28	1	0	0	—	19.2	+2.2	21.0	29	+4	17	+3	74	0	dr.	4
UPPER EGYPT	FAIYÛM	00	8	32	2	0	2	1	18.3	+0.3	18.0	26	0	16	+4	87	0	dr.	0
	MINYA	03	7	32	2	2	8	5			14.4	26	+1	11	-1	60	0	dr.	—
	ASYÛT	00	6	20	1	0	0	—	18.0	+0.1	16.0	29	+3	13	+1	79	0	0	1
	NAGʽ ḤAMÂDI	00	8	00	0	0	0	—	17.8	+1.1	19.1	29	—	14	—	70	0	0	—
	QENA	00	7	24	3	0	0	—	17.4	+0.4	19.8	29	0	14	+1	55	0	0	—
	LUXOR	00	7	28	2	0	0	—	17.2	+0.7	22.0	33	+4	13	+2	34	0	0	—
	ASWÂN	00	9	00	0	0	0	—	16.8	+0.3	22.6	32	+2	18	+3	36	0	0	—
WESTERN DESERT	SÎWA	00	7	00	0	0	0	—	21.1	+2.0	15.1	28	+3	8	0	67	0	0	1
	BAHARÎYA																	0	1
	KHÂRGA	00	9	08	1	0	0	—	17.1	-0.3	16.0	30	+2	12	0	69	0	0	—
	DÂKHLA	00	8	28	1	0	0	—	19.5	+1.1	12.2	29	+2	10	-1	63	0	0	
RED SEA	ṬÔR	00	7	28	2	0	0	—	15.0	-1.1	18.7	28	+2	14	0	46	0	0	3
	HURGHÂDA	00	8	26	4	0	0	—				28	+2	17	+2			0	1
	QUṢEIR	00	8	28	2	1	2	4	14.4	-1.6	23.0	29	+2	21	+2	44	0	0	2
	PORT SÛDÂN	00	8	28	1	1	2	8	15		28					70	0	124	44
NORTH SÛDÂN	WÂDI HALFA	00	8	02	2	0	0	—	17		20					23	0	0	—
	KAREIMA																0	dr.	1
	ʽATBARA	02	8	32	3	0	5	4,5	13		25					19	0	dr.	2
	KHARTÛM	02	8	32	4	1	5	4	13		26					27	0	2	4
	KASSALA	00	7	30	2	0	0	—	11		27					55	0	1	8
CENTRAL SÛDÂN	WAD MEDANI	00	9	32	4	0	0	—	12		27					13	0	15	12
	RENK												—		—		—	—	47
	ROSEIRES	00	8	32	1	0	0	—			23					41	0	21	35
	EL OBEID	00	8	30	3	1	2	4,1	12		25					14	dr.	69	16
	EL FÂSHER	00	8	32	1	0	3	2	—	—	21					31	0	4	6
	GENEINA	02	8	30	2	1	5	4,1	—	—	20		—		—	35	—	—	4
	KADUGLI	02	8	28	2	0	3	1					—		—		—	—	87
S. SÛDÂN	MALAKÂL	00	8	32	3	0	0	—	11		27					30	0	112	85
	WÂU	00	8	00	0	0	1	1	13		22					83	4	159	141
	JUBA	00	8	16	2	0	3	4	12		25					79	0	210	120

UPPER WINDS ON 21st — الرياح العليا يوم ٢١

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SAʽÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13 h. 15 m.	13 h. m.	13 h. 30 m.	13 h. m.	13 h. m.	13 h. m.	13 h. m.
							093530	093620	090220	090220	090245	090815	090410
							153620	153425	150515	150235	150350	150815	150210
							210210	210130		210340	210735	210820	180210
							273520	330230		270330	270745	270725	
							333520						

UPPER WINDS ON 22nd — الرياح العليا يوم ٢٢

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SAʽÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	7 h. 30 m.	h. m.	7 h. 30 m.	7 h. 15 m.	7 h. 15 m.	6 h. 30 m.
						033305		090145	093625	090375	090150
						063405		153620	150620	150380	150245
						093415		213615	210720	210370	210230
						150305			270525	270490	240330
											273515

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. 15 m.	7 h. m.	7 h. 30 m.	7 h. 30 m.	7 h. m.	h. m.
090910	033205	090255	093410	090630	
150420	090305	150350	150430	150930	
210125	150205	210525	210645	211115	
270330	211015	270630	270730	271205	
	271220				

CYPRUS SYNOPTIC 8h. ON 22nd
34700 00990 28200 20140 90403 00120
34880 10853 20213 21151 10303 00120

UPPER AIR TEMP. ALMÂZA AT 6h. G.M.T. ON 22nd

HEIGHT FEET	P.P.P mb.	T.T °F	Td °F
Surface	1008	63	61
500	990	65	63
1000	972	64	62
1500	954	62	59
2000	937	61	57
4000	871	58	51
6000	808	56	40
8000	749	48	37
10000	693	41	30
12000	641	33	29
14000	592	25	21
16000	546	16	15

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Mean of day

Station	Humidity % on 21st	Diff from normal	Wet Bulb Temp °C on 21st	Diff from normal
Alexandria	66	+1	18.6	+2.3
Ezbekiya	65	-3	16.3	+1.3
Giza	65	-6	16.8	+1.8
Helwân	59	+2	16.2	+2.0

GIZA — GRASS MINIMUM TEMP ON 22nd 10.5°

CAIRO — WATER TEMP RIVER NILE AT 8h. ON 22nd 21.3°

Discharges at Aswan measured by sluices m³ per sec	1946	1945
22nd	2428	1852
21st	2507	1736

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	22nd				
Nâsser		11.09	+0.80	11.10	+0.78
Malakâl		12.90	+0.60	12.90	+0.60
J. Aulia Res				377.09	—
J. Aulia D.S				372.98	+0.39
Roseires		14.52	+0.76	14.56	+0.78
Sennar Res.		19.95	—	19.86	—
Khartum		12.39	+0.32	12.40	+0.31
Kh. el Girba					
Atbara		11.86	+0.46	11.87	+0.46
Kajnarti		136.26	+0.56	136.34	+0.57
Aswan Res.		118.28	—	118.15	—
Aswan D.S		87.44	+0.86	87.54	+0.96
Roda (Cairo)		17.10	+0.33	17.12	+0.29

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	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
„ isolated, 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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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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ANNUAL SUBSCRIPTION P.T. 150

Time of Sunrise 6h. 26m.
Sunset 16h. 56m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month November 1946 — شهر نوفمبر ١٩٤٦

At 14h. on Friday 22nd — الساعة ١٤ يوم ١١/٢٢

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	°C Temp. (ttt)	% Humidity (uu)	Rain 8-14 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	01	9	32	2	1	4	5	19.2	22.0	58	0
MARIUT	02	7	03	2	2	7	8	18	22	65	0
ALEXANDRIA	02	9	04	1	1	6	9	18.4	20.0	81	tr
DAMIETTA	00	8	30	3	1	2	8	17.9	21.8	61	0
PORT SA'ID	00	8	02	3	0	2	8	17.5	23.3	65	0
EL 'ARÎSH	02	9	30	3	1	5	3	16.3	23.2	68	0
LOWER EGYPT											
DAMANHÛR	01	7	32	3	1	3	8	18.2	27.3	42	0
MANSÛRA	01	8	04	1	1	4	8	17.9	24.0	53	0
TANTA	00	8	32	3	0	0	—	17.1	26.1	55	0
ZAGAZIG	01	6	28	2	1	4	8	17.4	24.1	53	0
SHEBÎN EL KÔM	01	8	02	3	1	4	8	16.9	25.4	53	0
MIDDLE EGYPT											
CAIRO ALMÂZA	01	8	02	2	1	4	8	16.4	24.9	47	0
CAIRO EZBEKÎYA	01	8	02	3	1	4	8	16.8	25.1	55	0
CAIRO GÎZA	01	7	02	3	1	4	8	17.1	24.6	57	0
HELWÂN	00	8	32	4	0	3	8	16.0	24.7	48	0
SUEZ	00	9	32	2	0	0	—	16.2	26.0	48	0
UPPER EGYPT											
FAIYÛM	01	8	32	2	1	3	8	16.3	25.2	52	0
MINYA	00	8	30	2	1	0	—		25.0		0
ASYÛT	00	7	28	1	0	0	—	16.8	24.3	57	0
NAG' HAMÂDI	00	8	00	0	0	0	—	14.2	27.0	38	0
QENA	00	9	20	2	0	0	—	14.2	28.3	38	0
LUXOR	00	7	30	2	0	0	—	14.0	31.0	37	0
ASWÂN	00	9	30	1	0	0	—	12.3	31.3	16	0
WESTERN DESERT											
SÎWA	00	8	00	0	0	0	—	19.6	27.0	49	0
BAHARÎYA											
KHÂRGA	01	9	32	2	1	4	2	14.0	27.2	31	0
DAKHLA	00	9	28	1	0	0	—	15.3	27.5	45	0
RED SEA											
TÔR	00	7	28	3	0	0	—	12.4	26.5	65	0
HURGHADA	00	8	32	4	0	0	—	13.0	27.3	66	0
QUSEIR	00	8	32	2	1	0	—	13.5	27.3	69	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA	00	8	06	3	0	0	—	13	31	11	
KAREIMA											
'ATBARA	00	8	04	3	0	0	—	8	35	18	
KHARTÛM	00	7	32	4	1	2	2	8	37	14	
KASSALA	00	8	32	3	0	0	—	6	37	27	
CENTRAL SÛDÂN											
WAD MEDANI	01	7	32	5	0	3	1	9	37	14	
RENK											
ROSEIRES	00	8	07	2	0	0	—		37	20	
EL OBEID	00	9	32	4	0	0	—	7	35	10	
EL FÂSHER	00	8	06	1	0	1	1	—	33	14	
GENEINA	01	8	02	2	1	4	1	—	33	13	
KADUGLI	02	8	04	4	1	5	2	7	37	10	
S. SÛDÂN											
MALAKÂL	00	8	32	3	0	0	—	7	35	23	
WÂU	01	8	09	0	1	4	8	7	33	30	
JUBA	02	8	02	2	1	5	6	6	33	47	

At 20h. on 22nd — الساعة ٢٠ يوم ١١/٢٢

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	°C Temp. (ttt)	% Humidity (uu)	Rain 14-20 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	02	8	00	0	1	5	9	19.1	18.6	75	0
MARIUT	00	7	02	1	2	0	—	18	18	83	0
ALEXANDRIA	01	5	02	2	8	3	4	18.6	16.2	61	0
DAMIETTA	00	7	26	1	1	2	8	17.5	18.0	84	0
PORT SA'ID	01	8	22	2	1	3	8	17.6	20.3	74	0
EL 'ARÎSH	00	9	30	2	0	0	—	16.6	21.8	73	0
LOWER EGYPT											
DAMANHÛR	00	6	32	2	1	3	8	18.2	18.2	78	0
MANSÛRA	00	6	02	1	1	0	—	18.3	17.6	80	0
TANTA	00	8	00	0	0	0	—	17.2	19.3	76	0
ZAGAZIG	00	6	32	2	0	0	—	18.4	20.4	82	0
SHEBÎN EL KÔM	00	7	30	2	0	0	—	19.0	18.2	77	0
MIDDLE EGYPT											
CAIRO ALMÂZA	01	7	04	1	1	3	6	17.5	20.4	61	0
CAIRO EZBEKÎYA	00	6	02	3	0	0	—	17.6	20.0	73	0
CAIRO GÎZA	00	6	02	2	0	0	—	18.0	19.7	79	0
HELWÂN	00	7	02	5	0	0	—	17.4	19.8	65	0
SUEZ	00	9	32	1	0	0	—	17.9	20.4	74	0
UPPER EGYPT											
FAIYÛM	00	8	32	1	0	0	—	17.5	20.0	66	0
MINYA	00	8	32	2	1	0	—	16.6	20.0	37	0
ASYÛT	00	6	22	1	0	0	—	16.2	18.8	73	0
NAG' HAMÂDI	00	8	00	0	0	0	—	15.5	19.8	66	0
QENA		6	28	3	0	0	—		22.0	52	0
LUXOR	00	6	32	1	0	0	—	15.0	20.2	46	0
ASWÂN	00	9	32	1	0	0	—	13.5		14	0
WESTERN DESERT											
SÎWA	00	8	00	0	0	0	—	19.8	20.0	55	0
BAHARÎYA	00	9	32	1	0	0	—	18.2	18.0	71	0
KHÂRGA	00	9	32	1	0	0	—	16.3	23.1	40	0
DAKHLA	00	7	28	2	0	0	—	18.8	24.5	68	0
RED SEA											
TÔR	00	7	28	2	0	0	—	13.8	24.3	60	0
HURGHADA	00	6	28	6	0	0	—	12.5	23.8	67	0
QUSEIR	00	8	32	2	0	0	—	13.1	25.0	74	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 22nd — الرياح العليا يوم ٢٢

MATRÛH	MARIUT	PORT SA'ID	ALMÂZA	MINYA	LUXOR	HURGHADA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	12 h. 45 m.	h. m.	h. m.	h. m.	h. m.	h. m.	13 h. m.	13 h. m.	13 h. m.	13 h. m.	12 h. 45 m.
			03 03 25						09 33 40	09 01 15	09 03 30	09 00 10	09 03 15
			06 03 30						15 01 30	15 03 20	15 03 30	15 03 10	15 03 15
			09 03 20						21 03 20	21 04 20	21 03 30	21 01 10	21 03 20
			12 03 25						24 03 20		27 04 30		27 03 15
			15 15 10								33 05 20		33 05 05
											39 03 20		39 05 10

At 8h. on Saturday 23rd — الساعة ٨ يوم السبت ٢٣

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Pressure M.S.L. 1000+ mbs. (ppp)	Diff. from normal mbs.	Temperature Dry Bulb °C (ttt)	Maximum Yesterday °C (MM)	Maximum Diff. from norm. °C	Minimum Today °C (mm)	Minimum Diff. from norm. °C	% Humidity (uu)	Rainfall Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct. mms
MEDITERRANEAN																		
SALÛM												—		—				15
MATRÛH	02	9	26	3	6	7	9	18.0	+0.2	16.4	25	+2	15	+1	98	4	18	33
MARIUT	01	7	00	0	2	5	9	17	—	19	23	—	16	—	83	0	3	26
ALEXANDRIA	01	9	32	1	2	4	8	17.2	-1.0	21.4	26	+2	20	+4	59	tr	3	31
DAMIETTA	00	6	02	1	4	2	5	16.0	-1.1	19.6	23	—	16	—	79	0	tr	17
PORT SA'ID	02	8	30	3	2	5	6	16.0	-1.0	20.5	26	+2	20	+4	76	0	4	12
EL 'ARÎSH	02	9	30	2	1	5	4	15.6	-2.0	19.5	25	+1	17	+5	82	0	tr	14
LOWER EGYPT																		
DAMANHÛR	02	6	24	3	2	6	4	17.1	-1.2	17.6	27	+2	14	+1	86	0	2	13
MANSÛRA	00	8	04	1	0	0	—	17.0	-0.5	18.8	27	+2	16	+3	73	0	tr	7
TANTA	02	8	00	0	1	5	8	16.6	-1.7	16.4	26	+1	12	0	89	0	tr	6
ZAGAZIG	00	9	32	2	0	0	—	17.2	-0.8	18.0	25	0	13	+1	90	0	tr	5
SHEBÎN EL KÔM	01	8	30	2	2	4	8	17.8	-0.2	16.1	28	—	13	—	85	0	0	—
MIDDLE EGYPT																		
CAIRO ALMAZA	05	6	00	0	1	4	6	17.0	-0.8	16.0	26	—	14	—	79	0	tr	—
CAIRO EZBEKÎYA	08	4	02	2	1	4	4	16.8	-1.0	16.5	26	+1	14	+1	81	0	tr	3
CAIRO GÎZA	09	6	28	2	1	3	4	17.2	-0.7	16.4	25	+1	11	0	86	0	tr	5
HELWÂN	09	4	00	0	0	3	6	17.2	-1.2	15.0	25	+1	14	+1	90	0	0	3
SUEZ	13	8	32	1	2	2	5	17.1	0.0	18.0	27	+2	16	+2	80	0	tr	5
UPPER EGYPT																		
FAIYÛM	00	8	30	1	0	2	1	17.2	-0.9	18.0	25	-1	13	+1	78	0	tr	0
MINYA	01	8	32	2	1	3	1	16.7	-1.5	17.0	26	+1	15	+3	80	0	tr	—
ASYÛT	01	7	26	1	1	4	5	16.3	-1.7	17.1	26	+1	14	+3	79	0	0	1
NAG' HAMÂDI	00	8	00	0	0	0	—	16.0	-0.8	17.8	28	—	14	—	80	0	0	—
QENA	01	7	18	4	1	4	1	14.8	-2.3	18.0	29	0	15	+3	80	0	0	—
LUXOR	00	7	32	1	0	0	—	15.2	-2.4	22.0	33	+4	13	+2	50	0	0	—
ASWÂN	01	9	02	1	1	3	1	14.8	-1.5	20.0	32	+3	17	+2	51	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	21.2	+2.0	17.0	28	+3	9	+1	68	0	0	1
BAHARÎYA	01	9	32	1	1	4	—	18.3	-0.5	18.0	25	0	12	+2	62	0	0	1
KHÂRGA	00	9	28	1	0	0	—	15.9	-1.6	18.7	29	+1	15	+4	74	0	0	—
DAKHLA	00	8	28	1	0	0	—	18.2	-0.2	15.5	28	+1	12	+1	71	0	0	—
RED SEA																		
TÔR	00	7	04	4	0	0	—	13.6	-2.6	18.3	28	+2	14	0	71	0	0	3
HURGHADA	01	7	28	6	1	3	1	13.5	-2.9	21.8	28	+2	17	+2	78	0	0	1
QUSEIR	01	8	28	3	1	4	1	13.0	-3.1	22.4	28	+1	21	+2	71	0	0	2
PORT SÛDÂN	01	9	02	2	0	3	9	11		28					74	0	126	46
NORTH SÛDÂN																		
WÂDI HALFA																	0	—
KAREIMA																	tr	1
'ATBARA	00	7	28	4	0	0	—	11		25					30	0	tr	2
KHARTÛM	00	8	32	3	0	1	1	11		25					26	0	2	4
KASSALA	00	7	00	0	0	0	—	9		25					58	0	1	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	22	4	0	2	1	10		25					30	0	15	12
RENK												—		—		—	—	48
ROSEIRES	00	8	32	1	0	0	—	9		23					47	0	21	35
EL OBEID	00	9	30	4	0	0	—	12		24					36	0	69	16
EL FÂSHER						—	—										4	6
GENEINA						—	—					—		—				4
KADUGLI	00	8	05	3	0	3	1	11		27		—		—	23	—		87
S. SÛDÂN																		
MALAKÂL	00	8	04	2	0	2	3	10		26					42	0	112	85
WÂU	02	8	00	0	1	6	2	11		23					65	0	159	141
JUBA	01	8	14	3	0	3	4									0	210	121

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 23rd — الرياح العليا يوم ٢٣

MATRÛH	MARIUT	PORT SA'ID	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	7 h. m.	7 h. m.	7 h. m.	h. m.	7 h. m.	h. m.	7 h. m.	h. m.	7 h. 15 m.	h. m.	7 h. m.
	03 34 15				03 35 20		02 36 10		09 01 30		09 02 55
	06 35 10				05 36 25		05 36 25		15 04 30		15 36 40
	09 32 15						10 35 10		21 02 25		18 34 20
	12 26 20						15 01 10				
							20 35 05				
							25 21 05				

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. m.	7 h. m.	7 h. m.	h. m.	h. m.	7 h. 15 m.
09 03 15	09 08 25	09 02 45			09 03 35
15 03 30	15 11 35	15 02 60			15 36 60
21 05 15	21 14 50	21 36 30			21 36 55
27 03 15		27 35 10			
33 01 15		33 05 10			
39 07 05		39 13 05			

CYPRUS SYNOPTIC 8h. ON 23rd

36710	01814	24114	17715x	x0182	00120
34810	00991	22201	17141	30000	00120

UPPER AIR TEMP. ALMÂZA AT 6h G.M.T ON 23rd

HEIGHT Feet	P.P.P m.b.	T.T °C	T.T °F
Surface	1007	32	56
500	990	62	59
1000	971	62	58
1500	953	61	57
2000	936	58	56
4000	870	52	50
6000	807	52	42
8000	748	46	36
10000	692	40	31
12000	640	34	25
14000	592	24	21
16000	546	18	14

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day Humidity % on 22nd	Humidity Diff from normal	Wet Bulb Temp °C on 22nd	Wet Bulb Temp Diff from normal	Previous day Humidity %	Humidity Diff from normal	Wet Bulb Temp °C	Wet Bulb Temp Diff from normal
Alexandria	70	+5	17.0	+0.8				
Ezbekiya	73	+5	17.4	+2.6				
Giza	75	+3	17.1	+2.3				
Helwân	65	+8	16.9	+2.9				

GIZA — GRASS MINIMUM TEMP ON 23rd 8.6° C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON 23rd 21.0° C

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	23-11	23344	1852
	22-11	24228	1852

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nasser					
Malakâl	22	12.90	+0.60	12.90	+0.60
J. Aulia Res.					
J. Aulia D.S					
Roseires		10.68	+0.78	14.52	+0.76
Sennar Res.				19.95	—
Khartûm				12.39	+0.32
Kh. el Girba					
Atbara				11.85	+0.46
Kajnarti	23	136.20	+0.55	136.26	+0.56
Aswân Res.		118.33	—	118.28	—
Aswân D.S		87.34	+0.76	87.44	+0.86
Roda (Cairo)		17.03	+0.32	17.10	+0.33

Printed by the Survey of Egypt, 1945 (45/306)

ANNUAL SUBSCRIPTION P.T. 150

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

Time of Sunrise 6 56
Sunset 16 56

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month *November* 1946 — شهر نوفمبر ١٩٤٦

At 14h. on Saturday 23rd (الساعة ١٤ يوم ٢٣) — **At 20h. on 23rd** (الساعة ٢٠ يوم السبت ٢٣)

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN Salûm																							130
Matrûh	02	9	32	3	2	5	9	17.0	20.7	67	0	00	8	30	3	2	0	—	17.4	20.6	64	0	131
Mariut	01	8	30	2	1	4	8	16	23	61	0	01	7	00	0	0	4	6	16	20	83	0	150
Alexandria	01	9	02	2	2	4	8	15.6	23.0	55	0	01	5	00	0	0	4	6	16.8	20.0	72	tr	132
Damietta	01	8	30	2	1	5	6	15.1	21.8	67	0	02	7	24	1	1	5	6	15.4	19.3	85	0	159
Port Sa'îd	02	8	30	3	2	6	6	14.8	22.8	67	0	02	8	30	3	2	5	6	15.6	21.1	77	0	134
El 'Arîsh	01	9	28	3	1	4	4	139	23.4	73	0	00	9	28	1	0	0	—	14.6	21.2	82	0	135
LOWER EGYPT Damanhûr	02	7	04	3	1	5	8	15.6	23.5	59	0	01	6	32	3	1	4	8	15.5	18.6	82	0	136
Mansûra	01	8	02	1	1	4	8	15.0	23.8	54	0	00	6	02	1	1	0	—	16.2	18.6	79	0	137
Tanta	01	8	32	1	1	4	8	14.4	23.0	59	0	00	8	00	0	1	0	—	16.4	16.0	89	0	138
Zagazig	02	6	24	2	1	5	8	14.8	24.2	59	0	00	6	24	2	1	0	—	17.1	17.5	85	0	139
Shebîn el Kôm	01	8	30	3	2	4	8	15.6	26.2	47	0	00	7	30	2	1	0	—	16.6	17.9	75	0	—
MIDDLE EGYPT Cairo Almâza	02	8	32	1	2	5	8	14.6	23.0	52	0	01	7	00	0	1	4	6	16.0	19.6	63	0	141
Cairo Ezbekîya	02	7	32	2	2	5	8	15.0	22.8	55	0	02	7	32	1	1	5	8	15.9	19.1	71	0	—
Cairo Gîza	02	7	30	2	1	5	8	16.5	22.7	56	0	01	7	00	0	0	3	8	16.6	16.4	85	0	—
Helwân	02	8	32	1	1	5	8	14.4	22.6	51	0	00	7	30	1	0	0	—	15.9	19.6	60	0	143
Suez	02	4	32	1	1	5	5	14.7	24.0	56	0	01	9	32	1	1	5	5	16.3	21.0	72	0	144
UPPER EGYPT Faiyûm	02	8	30	3	2	5	9	16.8	23.9	51	0	00	8	00	0	0	0	—	16.2	17.1	72	0	153
Minya	01	8	32	2	1	4	8	15.0	25.0	47	0	00	8	32	2	1	0	—	16.2	20.0	64	0	154
Asyût	01	8	26	1	1	3	4	14.3	24.0	51	0	00	6	26	1	1	0	—	16.8	19.5	59	0	155
Nag' Hamâdi	00	8	00	0	0	0	—	13.2	25.8	50	0	00	8	00	0	0	0	—	15.0	20.0	66	0	164
Qena	01	9	20	3	1	4	—	12.0	26.0	50	0	00	6	24	3	0	0	—	13.1	20.8	63	0	156
Luxor	00	7	14	2	0	0	—	13.0	29.0	34	0	00	6	32	1	0	0	—	14.2	21.2	48	0	157
Aswân	00	9	28	1	0	0	—	11.4	29.8	23	0	00	9	32	2	0	0	—	13.0	25.4	31	0	158
WESTERN DESERT Sîwa	00	8	28	2	0	0	—	18.2	25.0	54	0	00	—	00	0	0	0	—	18.4	20.5	56	0	148
Baharîya												00	—	00	0	0	0	—	18.2	18.0	62	0	149
Khârga	00	9	32	1	0	0	—	12.4	25.5	40	0	00	9	32	1	0	0	—		20.2	65	0	151
Dakhla	00	9	28	1	0	0	—	14.8	24.0	45	0	00	7	28	2	0	0	—	18.0	16.0	69	0	152
RED SEA Tôr	00	7	28	4	0	0	—	12.4	24.9	70	0	00	7	28	2	0	0	—	13.1	22.5	60	0	145
Hurghâda	01	7	32	5	1	4	3	12.7	26.2	59	0	00	7	26	6	0	0	—	12.4	22.6	80	0	146
Quseir	01	8	32	3	1	4	1	12.2	26.2	69	0	00	8	32	2	1	0	—	11.8	24.3	75	0	147
Port Sûdân	01	8	28	3	1	3	8	9	30	62													168
NORTH SÛDÂN Wâdi Halfa	00	8	32	3	0	0	—	12	29	20													165
Kareima	00	8	32	3	0	0	—	9	33	12													166
'Atbara	00	8	32	2	0	0	—	7	33	10													167
Khartûm	00	8	32	4	0	0	—	7	33	11													169
Kassala	00	8	30	2	0	0	—	3	37	29													170
CENTRAL SÛDÂN Wad Medani	00	8	28	4	0	0	—	5	35	18													171
Renk																							182
Roseires	00	8	28	2	0	0	—	6	37	25													172
El Obeid	00	4	30	5	0	1	1	7	33	10													174
El Fâsher	00	9	32	4	0	3	4	—	33	14													175
Geneina																							179
Kadugli	01	8	28	3	1	4	1	6	36	12													187
S. SÛDÂN Malakâl	00	8	32	3	0	2	4	5	34	29													176
Wâu	01	8	32	2	1	4	4,2	6	34	22													177
Juba	02	8	20	1	5	6	9,5	5	30	49													178

At 8h. on Sunday 24th (الساعة ٨ يوم الأحد ٢٤)

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C	Maximum Diff. from norm. °C	Minimum Today °C	Minimum Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Rainfall Total From Oct. 1 mms	Rainfall Norm From Oct. 1 mms
MEDITERRANEAN Salûm												—		—				16
Matrûh	01	9	24	2	0	4	8	17.8	0.0	17.6	22	0	16	+2	82	0	18	34
Mariut	02	7	04	2	1	6	8	16		20	23	—	15	—	88	0	3	27
Alexandria	02	9	04	1	2	5	7	16.7	-1.6	21.0	26	+2	19	+4	84	tr	3	33
Damietta	01	6	28	2	4	3	9	15.4	-1.7	21.9	23	—	18	—	77	0	tr	18
Port Sa'îd	01	8	30	3	1	4	8	15.1	-1.9	21.2	24	0	19	+3	73	0	4	12
El 'Arîsh	01	9	16	2	1	4	4	14.6	-3.1	18.8	25	+1	14	+2	90	0	tr	14
LOWER EGYPT Damanhûr	01	6	28	3	1	5	8	16.2	-2.1	16.0	24	-1	14	+1	87	0	2	13
Mansûra	01	8	02	1	1	4	6	16.0	-1.5	19.0	27	+2	15	+2	83	0	tr	7
Tanta	01	8	24	1	1	4	8	16.2	-2.1	17.1	24	-1	13	+2	91	0	tr	7
Zagazig	01	6	20	2	1	4	8	16.2	-1.8	16.6	26	+1	14	+2	87	0	tr	5
Shebîn el Kôm	01	8	22	2	2	4	8	16.8	-1.3	15.9	28	—	14	—	86	0	tr	—
MIDDLE EGYPT Cairo Almaza	01	7	00	0	0	4	6,4	16.4	-1.5	16.1	24	—	13	—	80	0	tr	—
Cairo Ezbekîya	02	4	22	1	4	0	—	16.4	-1.5	16.1	25	0	14	+1	85	0	tr	3
Cairo Gîza	09	6	00	0	1	2	4	16.6	-1.3	18.5	24	0	11	0	80	0	tr	5
Helwân	09	6	00	0	0	2	6	16.7	-1.7	14.9	23	-1	14	+1	90	0	0	3
Suez	02	9	32	1	1	5	5	16.6	-0.5	19.0	26	+2	16	+2	81	0	tr	5
UPPER EGYPT Faiyûm	00	8	00	0	0	2	1	17.0	-1.2	18.0	24	-2	13	+1	78	0	tr	0
Minya	00	8	32	2	0	0	—	16.7	-1.6	17.0	25	0	13	+1	79	0	tr	—
Asyût	00	7	22	1	0	0	—	16.7	-1.4	15.5	25	0	12	+1	74	0	0	1
Nag' Hamâdi	00	8	00	0	0	0	—	16.2	-0.7	17.3	27	—	13	—	76	0	0	—
Qena	00	7	22	3	0	0	—	15.0	-2.2	18.0	28	-1	14	+2	73	0	0	—
Luxor	00	7	28	2	0	0	—	15.4	-1.3	21.0	31	+2	12	+1	60	0	0	—
Aswân	00	9	02	1	0	0	—	15.1	-1.7	19.0	30	+1	15	0	66	0	0	—
WESTERN DESERT Sîwa	00	7	00	0	0	0	—	19.2	0.0	17.0	26	+2	10	+2	78	0	0	1
Baharîya	00	9	00	0	0	0	—	17.8	-1.1	19.0	26	+1	14	+4	72	0	0	2
Khârga	00	9	32	1	0	0	—	16.0	-1.7	18.5	26	-2	14	+3	57	0	0	—
Dâkhla	00	8	28	2	0	0	—	18.3	-0.2	15.0	27	0	13	+2	73	0	0	—
RED SEA Tôr	00	7	04	1	0	0	—	14.7	-1.6	18.2	27	+2	14	+1	80	0	0	3
Hurghâda	00	7	28	4	0	1	3	13.6	-2.9	21.2	27	+1	17	+3	70	0	0	3
Quseir	00	8	28	2	0	0	—	13.4	-2.7	21.5	27	0	20	+1	66	0	0	2
Port Sûdân	01	9	32	3	0	3	8	11		28					66	0	124	47
NORTH SÛDÂN Wâdi Halfa	00	8	32	2	0	0	—	16		17					60	0	0	—
Kareima	00	7	02	4	0	0	—	12		23					34	0	tr	1
'Atbara	00	7	30	4	0	0	—	11		24					36	0	tr	2
Khartûm	00	7	30	4	0	0	—	10		23					29	0	2	4
Kassala	00	8	00	0	0	0	—	8		25					58	0	1	8
CENTRAL SÛDÂN Wad Medani	00	9	32	4	0	0	—	10		23					32	0	15	12
Renk												—		—		—	—	48
Roseires	00	8	22	5	0	0	—	9		21					50	0	21	35
El Obeid	00	8	30	4	1	3	1	10		21					26	0	69	16
El Fâsher	00	9	32	1	0	0	—	—	—	16					34	0	4	6
Geneina												—		—			—	4
Kadugli	01	8	12	2	1	4	1	10		25		—		—	19	—	—	88
S. SÛDÂN Malakâl	00	7	02	3	0	0	—	9		23					44	0	112	85
Wâu	00	8	28	2	0	2	1	10		21					61	0	159	141
Juba	01	8	14	2	1	4	8,4,1	10		23					84	tr	210	121

UPPER WINDS ON 23rd (الرياح العليا يوم ٢٣)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh (h. m.)	Mariut (12h. 30m.)	Port Sa'îd (12h. 30m.)	Almâza (13h.)	Minya (13h.)	Luxor (13h. 15m.)	Hurghâda (h. m.)	Wâdi Halfa (13h. 15m.)	Kareima (13h.)	Khartûm (13h.)	Kassala (13h.)	El Obeid (13h.)	Malakal (12h. 45m.)	Juba (13h.)
	03 35 10	03 36 20	03 34 15	03 36 40	03 17 05		09 36 30	09 34 45	09 30 30	09 01 20	09 35 25	09 01 20	09 32 20
	06 36 15	06 35 20	06 32 25	06 34 25	06 26 10		15 35 15	15 34 30	15 02 25	15 35 35	15 01 30	15 03 20	15 25 15
	09 02 15	09 36 05	09 35 15	09 33 25	09 28 05		21 35 20	21 12 30	21 35 30	21 13 15	21 02 20	21 05 40	21 29 05
	15 02 10		12 03 15	15 34 20	15 23 20		27 34 20	27 31 30	29 34 30	27 36 20	27 07 40	27 07 35	27 08 05
	21 27 05		15 03 15	18 32 20	21 19 20		33 33 20	33 29 35		33 35 10	33 09 10	33 02 35	33 02 10
							39 35 15	39 29 10		39 11 05		39 09 40	39 01 30

UPPER WINDS ON 24th (الرياح العليا يوم ٢٤)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh (h. m.)	Mariut (h. m.)	Port Sa'îd (h. m.)	Helwân (h. m.)	Minya (h. m.)	Asyût (7h.)	Luxor (h. m.)	Aswân (7h.)	Wâdi Halfa (7h. 15m.)	Abu Hamad (h. m.)	Kareima (7h.)	Khartûm (6h.)
					02 32 20		02 01 15	09 01 35		09 03 65	09 02 40
					05 33 20		05 01 25	15 36 35		15 03 70	15 02 40
					10 34 20		10 15 05	21 05 10		21 03 50	21 07 15
					15 35 10		15 15 15	27 32 10		27 02 30	24 06 10
							20 21 10	33 28 20		33 02 20	30 24 25
							25 25 10	39 27 35		39 01 10	39 24 15
							30 23 05				
							35 25 30				
							40 27 40				

Kassala (7h. 15m.)	Port Sûdân (7h.)	El Obeid (7h.)	El Fâsher (h. m.)	Geneina (h. m.)	Malakal (7h. 15m.)
09 29 15	09 08 30	09 01 30			09 03 40
15 04 25	15 11 25	15 01 35			
21 04 25	21 11 20	21 01 50			
	33 11 25	27 35 20			
		33 24 10			
		39 30 15			
		45 02 10			

UPPER AIR TEMP. ALMÂZA AT 6h G.M.T. ON 24th

Height feet	P.P.P. m.b.	TT °F	tt °F
Surface	1006	57	56
500	989	60	58
1000	970	60	59
1500	952	59	59
2000	936	58	54
4000	869	51	49
6000	806	52	39
8000	747	45	33
10000	692	36	26
12000	640	26	22
14000	591	18	16
16000	545	14	13

CYPRUS SYNOPTIC 8h. ON 24th
34703 01993 20214 1515D 90405 00130.
34810 01991 18253 17160 43300 00120.

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 23rd	Humidity Diff from normal	Wet Bulb Temp °C on 23rd	Wet Bulb Diff from normal
Alexandria	61	-4	17.0	+1.0
Ezbekiya	69	+1	16.0	+1.4
Giza	79	+7	15.8	+1.2
Helwân	70	+13	15.3	+1.4

GÎZA — GRASS MINIMUM TEMP. ON 24th 7.8°C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON 24th 20.9°C

Discharges at Aswân measured by sluices m³ per sec. Date	1946	1945
24 – 11	2168	1852
23 – 11	2344	1852

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	24				
Nâsser	24			11.07	+0.81
Malakâl	24	12.90	+0.60	12.90	+0.60
J. Aulia Res.	24			377.02	—
J. Aulia D.S	24			372.92	+0.37
Roseires	24	14.44	+0.78	14.48	+0.78
Sennar Res.	24			20.06	—
Khartûm	24			12.36	+0.34
Kh. el Girba	24				
'Atbara	24	11.78	+0.45	11.82	+0.45
Kajnarti	24	136.15	+0.57	136.20	+0.55
Aswân Res.	24	118.41	—	118.33	—
Aswân D.S	24	87.24	+0.66	87.30	+0.76
Roda (Cairo)	24	16.99	+0.32	17.03	+0.32

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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, 1945 (45/306)
ANNUAL SUBSCRIPTION P.T. 150

Time of Sunrise 07 17 m.
Sunset 16 56

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month NOVEMBER 1946 — شهر نوفمبر ١٩٤٦

At 14h. on SUNDAY 24th — الساعة ١٤ يوم الأحد ٢٤

Station	Present Weather (WW)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 8-14 h. mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	01	9	32	2	1	4	8	15.9	22.0	63	0	131
MARIUT	01	7	02	3	1	3	8	15	24	65	0	150
ALEXANDRIA	01	9	02	3	2	3	8	14.3	23.2	62	0	132
DAMIETTA	01	8	28	3	1	4	8	13.9	22.7	68	0	159
PORT SA'ÎD	02	7	30	4	2	5	8	13.6	24.0	72	0	134
EL 'ARÎSH	00	9	28	3	0	2	3	13.4	23.4	78	0	135
LOWER EGYPT												
DAMANHÛR	01	7	04	3	1	4	8	13.9	26.3	49	0	136
MANSÛRA	01	8	02	1	1	4	8	12.8	25.8	53	0	137
TANTA	01	8	32	2	1	4	8	13.5	25.0	58	0	138
ZAGAZIG	02	6	32	2	2	5	8	13.8	25.8	62	0	139
SHEBÎN EL KÔM	01	8	04	3	2	4	8	14.8	26.3	55	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	01	8	02	1	1	4	8	13	25	58	0	141
CAIRO EZBEKÎYA	01	8	04	1	1	5	8	13.9	24.0	61	0	—
CAIRO GÎZA												—
HELWÂN	01	7	30	4	1	4	8	13.0	24.0	63	0	143
SUEZ	01	9	32	1	1	5	5	13.9	25.0	54	0	144
UPPER EGYPT												
FAIYÛM	01	8	00	0	1	4	8	13.6	24.0	62	0	153
MINYA	01	8	24	2	1	4	8	14.0	24.1	46	0	154
ASYÛT	00	8	28	1	0	0	—	13.5	23.2	50	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	12.6	23.3	50	0	164
QENA	00	8	28	2	0	0	—	11.6	23.4		0	156
LUXOR	—											157
ASWÂN	00	9	02	1	0	0	—	11.5	26.8	32	0	158
WESTERN DESERT												
SÎWA	00	8	00	0	0	0	—	17.6	25.3	59	0	148
BAHARÎYA	00	9	00	0	0	0	—	16.3	23.5	56	0	149
KHÂRGA	00	9	32	1	0	0	—	13.6	25.0	40	0	151
DAKHLA	00	9	02	3	1	0	—	14.4	25.0	54	0	152
RED SEA												
TÔR	00	7	28	3	0	0	—	12.4	24.9	68	0	145
HURGHÂDA	00	7	32	4	0	0	—	11.2	26.6	65	0	146
QUSEIR	00	8	32	2	0	0	—	11.6	25.9	70	0	147
PORT SÛDÂN	00	9	26	3	1	2	8	9	31	36		169
NORTH SÛDÂN												
WÂDI HALFA	00	8	32	3	0	0	—	11	27	22		165
KAREIMA	00	8	04	1	0	0	—	8	32	28		166
'ATBARA	00	8	28	3	0	0	—	5	34	28		167
KHARTÛM	00	8	30	4	0	0	—	6	33	19		168
KASSALA	00	8	32	1	0	0	—	4	38	27		170
CENTRAL SÛDÂN												
WAD MEDANI	00	8	28	4	0	0	—	4	34	27		171
RENK												182
ROSEIRES	00	7	28	4	0	0	—	3	36	27		172
EL OBEID	00	9	02	3	1	2	1	5	32	14		174
EL FÂSHER	00	8	32	4	0	0	—	—	31	12		175
GENEINA	00	8	02	4	0	0	—	—	32	10		179
KADUGLI	00	8	04	4	0	1	1	5	35	30		187
S. SÛDÂN												
MALAKÂL	00	8	32	3	0	2	—	4	34	19		176
WÂU	01	8	32	3	0	3	1	5	32	24		177
JUBA	02	8	10	1	6	8	9	8	23	89		178

At 20h. on 24th — الساعة ٢٠ يوم الأحد ٢٤

Station	Present Weather (WW)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 14-20 h. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	8	32	3	1	0	—	15.9	20.0	78	0
MARIUT	00	7	32	2	1	3	6	16	20	78	0
ALEXANDRIA	01	5	02	2	2	4	4	16.2	20.4	69	0
DAMIETTA	02	7	26	1	1	6	6	14.2	20.6	83	0
PORT SA'ÎD	00	8	32	2	0	0	—	14.6	20.9	86	0
EL 'ARÎSH	00	9	26	1	0	0	—	13.2	22.3	86	0
LOWER EGYPT											
DAMANHÛR	01	6	04	3	1	3	8	15.0	17.8	78	0
MANSÛRA	00	6	02	1	1	0	—	14.7	19.6	81	0
TANTA	00	8	00	0	1	0	—	15.0	17.4	90	0
ZAGAZIG	00	6	32	2	1	0	—	15.1	19.3	78	0
SHEBÎN EL KÔM	00	7	02	2	1	2	8	15.4	19.8	82	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	7	02	2	1	0	—	14.7	20.9	72	0
CAIRO EZBEKÎYA	00	7	02	3	0	0	—	14.6	20.3	79	0
CAIRO GÎZA	00	8	04	3	1	0	—	14.8	20.8	74	0
HELWÂN	00	7	02	4	0	0	—	14.0	21.0	71	0
SUEZ	00	9	32	1	0	0	—	15.0	21.4	77	0
UPPER EGYPT											
FAIYÛM	00	8	32	1	0	0	—	14.2	19.7	85	0
MINYA	00	8	32	2	1	0	—	14.4	19.0	74	0
ASYÛT	00	6	20	1	0	0	—	15.6	17.5	66	0
NAG' HAMÂDI	00	8	00	0	0	0	—	13.6	19.3	72	0
QENA	00	6	24	2	0	0	—	12.3	20.2	67	0
LUXOR											
ASWÂN	00	9	32	2	0	0	—	12.4	23.6	34	0
WESTERN DESERT											
SÎWA	00		00	0	0	0		17.0	23.4	67	0
BAHARÎYA	00		00	1	0	0	—	16.4	20.0	72	0
KHÂRGA	00	9	32	1	0	0	—	13.8	22.2	37	0
DAKHLA	00	7	28	2	0	0	—		16.0	65	0
RED SEA											
TÔR	00	7	28	2	0	0	—	13.3	22.5	69	0
HURGHÂDA	00	8	28	2	0	0	—	13.0	22.4	65	0
QUSEIR	00	8	28	2	0	0	—	11.5	24.0	69	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 24th — الرياح العليا يوم ٢٤

MATRÛH (h. m.)	MARIUT (h. m.)	PORT SA'ÎD (13 h. m.)	ALMÂZA (13 h. m.)	MINYA (h. m.)	LUXOR (h. m.)	HURGHÂDA (h. m.)	WÂDI HALFA (13 h. 13 m.)	KAREIMA (13 h. m.)	KHARTÛM (13 h. m.)	KASSALA (13 h. m.)	EL OBEID (13 h. m.)	MALAKAL (13 h. m.)	JUBA (h. m.)
		03 01 20	03 26 10				09 38 30	09 02 40	09 29 30	09 36 10	09 04 10	09 04 15	
		06 03 15	06 03 15				15 10 05	15 01 50	15 01 20	15 03 10	15 03 10	15 03 20	
		09 06 10					21 16 05	21 35 25	21 33 18	21 07 10	21 03 20	21 03 25	
							27 31 05	27 34 40	27 04 10		27 03 20	33 05 30	
							33 27 10				33 05 20	39 05 35	
							39 29 10				39 08 10		

At 8h. on MONDAY 25th — الساعة ٨ يوم الاثنين ٢٥

Station	Present Weather (WW)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Temperature Dry Bulb °C (TTT)	Maximum Yesterday °C (MM)	Maximum Diff. from norm. °C	Minimum Today °C (mm)	Minimum Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs. mms	Rainfall Total From Oct. 1 mms	Rainfall Norm From Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				16
MATRÛH	02	9	24	1	0	7	9	15.8	-2.0	16.0	23	+1	15	+1	89	0	18	35
MARIUT	00	7	31	1	0	1	8	16		22	24	—	17	—	69	0	3	28
ALEXANDRIA	01	9	02	3	2	4	1	15.9	-2.4	22.9	26	+3	21	+6	68	0	3	34
DAMIETTA	08	4	00	0	4	3	9	14.7	-2.4	20.0	24	—	18	—	97	0	tr.	18
PORT SA'ÎD	01	6	16	2	1	4	4	14.8	-2.2	21.7	27	+3	19	+4	78	0	4	13
EL 'ARÎSH	00	9	12	1	0	0	—	14.7	-3.0	21.7	27	+3	15	+3	74	0	tr.	15
LOWER EGYPT																		
DAMANHÛR	01	6	28	2	1	4	8	15.5	-2.8	16.7	26	+2	15	+3	80	0	2	13
MANSÛRA	01	8	04	1	1	4	8	15.0	-2.6	19.0	27	+2	16	+3	88	0	tr.	8
TANTA	01	8	00	0	1	5	8	14.8	-3.6	19.3	26	+1	14	+3	89	0	tr.	7
ZAGAZIG	01	6	16	2	0	4	8	15.5	-2.6	18.0	27	+2	15	+4	94	0	tr.	5
SHEBÎN EL KÔM	00	8	02	2	1	0	—	15.6	-2.5	16.9	29	—	15	—	92	0	tr.	—
MIDDLE EGYPT																		
CAIRO ALMAZA	08	4	00	0	2	8	6	15.2	-2.7	17.0	26	—	14	—	96	0	tr.	—
CAIRO EZBEKÎYA	08	4	30	1	1	5	0	15.4	-2.5	17.7	26	+1	16	+3	88	0	tr.	3
CAIRO GÎZA	03	7	30	1	2	8	4	15.6	-2.4	18.2	26	+2	14	+3	81	0	tr.	5
HELWÂN	09	4	00	0	2	8	0	15.8	-2.7	17.1	25	+1	15	+2	91	0	0	3
SUEZ	00	9	32	1	0	0	—	16.2	-1.0	19.0	26	+1	16	+2	90	0	tr.	5
UPPER EGYPT																		
FAIYÛM	00	8	32	1	0	2	8	15.4	-2.8	17.0	26	+1	13	+2	80	0	tr.	0
MINYA	03	7	32	2	2	8	5	15.1	-3.3	17.0	25	0	15	+3	80	0	tr.	—
ASYÛT	00	7	22	1	0	0	—	15.1	-3.1	16.0	25	0	13	+2	77	0	0	1
NAG' HAMÂDI	00	8	00	0	0	0	—	15.0	-1.9	16.3	26	—	10	—	75	0	0	—
QENA	00	7	22	2	0	0	—	14.4	-2.8	18.4	26	-2	14	+2	70	0	0	—
LUXOR	00	7	28	1	0	0	—	14.8	-2.0	22.4	31	+2	12	+1	41	0	0	—
ASWÂN	00	9	32	2	0	0	—	13.8	-3.1	18.7	28	-1	15	0	60	0	0	—
WESTERN DESERT																		
SÎWA	03	9	00	0	2	8	6	17.5	-1.8	15.0	27	+3	12	+4	68	0	0	1
BAHARÎYA	00	9	32	1	0	0	—			18.0	24	-1	13	+3	71	0	0	2
KHÂRGA	00	9	08	1	0	0	—	15.1	-2.6	16.2	25	-2	10	-1	66	0	0	—
DAKHLA	00	8	32	1	0	0	—	16.7	-1.9	13.0	25	-1	10	0	66	0	0	—
RED SEA																		
TÔR	00	7	32	1	0	0	—	13.4	-2.9	18.2	26	+1	14	+1	67	0	0	3
HURGHÂDA	00	7	24	4	0	0	—	13.2	-3.3	21.6	26	0	17	+8	67	0	0	2
QUSEIR	00	8	28	2	1	2	6	13.0	-3.4	21.6	26	-1	20	+1	71	0	0	2
PORT SÛDÂN	01	8	32	3	1	4	8	H		27					74	0	124	49
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	3	0	0	—	14		17					52	0	0	—
KAREIMA	00	8	00	0	0	0	—	11		16					42	0	tr.	1
'ATBARA	00	8	32	3	0	0	—	9		24					44	0	tr.	2
KHARTÛM	00	8	32	3	0	0	—	10		23					34	0	2	4
KASSALA	00	8	06	1	0	0	—	7		28					58	0	1	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	8	28	3	0	2	1	9		24					38	0	15	12
RENK												—		—		—	—	48
ROSEIRES	00	8	14	1	0	2	1	8		23					47	0	21	35
EL OBEID	00	9	30	4	0	1	1	11		21					28	0	69	16
EL FÂSHER	00	8	32	1	0	0	—	—	—	16					34	0	4	6
GENEINA								—	—			—		—			—	4
KADUGLI	00	8	28	2	0	3	1	10		23		—		—	27	—	—	88
S. SÛDÂN																		
MALAKÂL	01	8	02	1	1	4	2	9		24					54	0	112	85
WÂU	01	8	24	2	1	4	2	9		21					60	0	159	141
JUBA	01	8	14	3	1	3	4	10		22					94	1	211	122

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 25th — الرياح العليا يوم ٢٥

MATRÛH (h. m.)	MARIUT (h. m.)	PORT SA'ÎD (7 h. 30 m.)	HELWÂN (h. m.)	MINYA (h. m.)	ASYÛT (h. m.)	LUXOR (h. m.)	ASWÂN (h. m.)	WÂDI HALFA (7 h. 15 m.)	ABU HAMAD (7 h. 15 m.)	KAREIMA (7 h. m.)	KHARTÛM (7 h. m.)
		03 10 10						09 05 20	09 06 30	09 04 55	
		06 05 15						15 11 15	15 05 25	15 03 30	
		09 09 20							21 03 05	21 04 20	
		12 10 30							27 31 10	27 06 10	
		15 10 25							33 31 20	30 05 25	
		18 10 20									
		21 10 20									
		24 10 25									
		27 10 30									

KASSALA (7 h. 15 m.)	PORT SÛDÂN (7 h. m.)	EL OBEID (7 h. 30 m.)	EL FÂSHER (h. m.)	GENEINA (h. m.)	MALAKAL (7 h. m.)
09 05 20	09 05 15	09 03 40			09 06 30
15 04 30	15 06 05	15 06 15			15 06 30
21 03 20	21 06 15	21 19 20			21 19 10
27 35 10	33 09 20	27 18 10			27 23 30
33 15 15	39 10 20	30 09 05			33 26 15
		39 22 10			39 23 30

UPPER AIR TEMP. ALMÂZA AT 8h. G.M.T. ON 25th

Height (Feet)	P.P.P. m.b.	T.T. °F	t.t. °F
Surface	1006	68	65
500	999	65	63
1000	970	64	62
1500	952	62	60
2000	935	60	58
4000	869	60	49
6000	806	62	43
8000	747	46	33
10000	692	37	26
12000	640	35	26
14000	591	27	25
16000	545	19	18

CYPRUS SYNOPTIC 8h. ON 25th

34700 00990 00012 15160 65404 00120
34800 01990 14213 17181 06401 00120

Remarks

Hours are Egyptian standard time, long. 30 E. and are two hours fast on Greenwich mean time

Station	Mean of day Humidity % on 24th	Humidity Diff. from normal	Wet Bulb Temp °C on 24th	Wet Bulb Diff. from normal	Previous day Reading	Previous day Diff. from normal
Alexandria	72	+7	17.9	+2.1	11.06	+0.84
Ezbekiya	75	+7	17.3	+2.9	12.90	+0.61
Giza	70	-2	—	—		
Helwân	75	+18	16.6	+2.9		

GÎZA — GRASS MINIMUM TEMP ON 25th 11.0 °C

CAIRO — WATER TEMP RIVER NILE ON 25th AT 8h. 20.9 °C

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nasser					
Malakâl	6	12.90	+0.61	12.90	+0.61
J. Aulia Res					
J. Aulia D.S					
Roseires	11	14.38	+0.75	14.44	+0.78
Sennar Res.		20.24	—	20.14	—
Khartûm	1	12.28	+0.34	12.32	+0.34
Kh. el Girba					
'Atbara	25	11.72	+0.42	11.78	+0.45
Kajnarti		136.10	+0.58	136.15	+0.57
Aswân Res.		118.50	—	118.41	—
Aswân D.S		87.14	+0.66	87.24	+0.66
Roda (Cairo)		16.94	+0.31	16.99	+0.32

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	25-11	2178	1852
	24-11	2168	1852

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	27-36	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.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	00
Distant Lightning	07
Light Mist	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	26
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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

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MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Time of Sunrise [illegible] h. m.
Sunset 16 [illegible]

Month NOVEMBER 1946 — شهر نوفمبر ١٩٤٦

At 14h. on MONDAY 25th (الساعة ١٤ يوم الاثنين ٢٥) — At 20h. on 25th (الساعة ٢٠ يوم الاثنين ٢٥)

Station	14h ww	V	DD	F	W	N	C	PPP (Bar. press M.S.L. 1000+ mbs.)	TTT (Temp. °C)	UU (% Humidity)	Rain 8-14h mms	20h ww	V	DD	F	W	N	C	PPP	TTT	UU	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	02	9	28	3	2	7	9	15.2	20.6	70	0	02	9	00	0	2	5	9	15.2	20.0	74	0	131
MARIUT	02	7	32	2	2	7	6,8	14	22	74	0	01	7	01	2	2	5	4,8	14	21	50	0	150
ALEXANDRIA	02	9	02	1	2	6	4	13.8	22.2	69	0	01	6	02	2	2	4	4	13.6	21.0	65	0	132
DAMIETTA	02	7	04	2	1	5	9	12.3	23.0	74	0	02	6	28	1	1	5	9	12.6	21.1	82	0	159
PORT SAÏD	01	7	32	2	1	4	4	12.8	23.8	71	0	00	7	30	2	0	3	8	12.8	21.0	82	0	134
EL 'ARÎSH	00	9	28	4	0	0	—	13.0	22.9	72	0	00	9	02	2	0	3	—	12.6	20.7	90	0	135
LOWER EGYPT																							
DAMANHÛR	02	7	28	3	2	5	8	13.7	25.8	48	0	02	6	28	3	2	5	8	14.2	18.4	82	0	136
MANSÛRA	02	8	04	2	2	5	8	12.3	25.5	62	0	00	6	02	1	1	0	—	13.1	20.0	85	0	137
TANTA	01	8	28	2	1	4	8	12.4	26.1	56	0	00	8	32	1	1	0	—	12.1	18.9	59	0	138
ZAGAZIG	01	6	20	2	1	4	8	13.2	25.6	61	0	00	6	24	2	0	0	—	12.5	20.0	81	0	139
SHEBÎN EL KÔM	01	8	30	3	1	4	8	13.0	26.7	57	0	01	7	30	2	1	4	6	13.9	20.6	83	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	01	8	00	0	1	4	8,4	12	25	54	0	01	7	04	1	1	3	6	12.4	21.4	68	0	141
CAIRO EZBEKÎYA	01	8	30	1	1	5	4	12.3	24.4	58	0	00	7	30	1	0	3	8	13.0	20.5	79	0	—
CAIRO GÎZA	01	7	28	1	1	4	8	14.6	24.4	58	0	01	7	30	1	1	3	8	13.8	21.1	74	0	—
HELWÂN	01	7	32	2	1	5	4	12.0	25.1	50	0	01	7	32	4	0	3	4	12.7	21.6	68	0	143
SUEZ	00	9	32	1	0	0	—	12.4	25.6	55	0	00	9	32	1	0	0	—	13.1	21.8	71	0	144
UPPER EGYPT																							
FAIYÛM	01	8	32	2	1	4	3	11.8	25.2	48	0	01	8	00	0	1	4	3	12.3	19.4	76	0	153
MINYA	00	9	30	3	1	0	—	11.6	24.1	46	0	00	8	32	1	0	0	—	—	20.0	55	0	154
ASYÛT	00	8	28	1	0	0	—	11.5	25.1	54	0	00	8	22	1	0	0	—	12.2	19.2	70	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	11.1	26.4	50	0	00	8	00	0	0	0	—	12.0	17.3	86	0	164
QENA	00	8	24	2	0	0	—	10.8	25.0	54	0	00	6	24	2	0	0	—	11.2	18.3	71	0	156
LUXOR	00	7	26	2	0	0	—	11.2	28.0	44	0	00	6	32	1	0	0	—	11.6	18.0	53	0	157
ASWÂN	00	9	26	1	0	0	—	9.8	28.6	40	0	00	9	00	0	0	0	—	10.2	25.0	31	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	—	16.4	24.4	65	0	00	—	00	0	0	0	—	17.0	16.4	67	0	148
BAHARÎYA	01	9	32	1	1	4	1	15.1	24.0	53	0	00	—	00	0	0	0	—		17.6	66	0	149
KHÂRGA	00	9	32	1	0	0	—	12.2	25.5	46	0	00	9	32	1	0	0	—	12.6	19.9	59	0	151
DAKHLA	00	9	28	1	0	0	—	13.9	24.6	55	0	00	7	28	2	0	0	—	15.0	14.0	62	0	152
RED SEA																							
TÔR	00	7	28	3	0	0	—	11.4	26.8	67	0	00	7	28	2	0	0	—	11.8	21.9	70	0	145
HURGHÂDA	00	6	02	3	0	0	—	10.4	26.1	67	0	00	7	04	1	0	0	—	10.7	24.6	74	0	146
QUSEIR	00	8	02	2	1	0	—	11.1	25.3	71	0	00	8	28	2	0	0	—	10.6	24.3	81	0	147
PORT SÛDÂN	00	9	08	3	1	2	8	8	30	62													208
NORTH SÛDÂN																							
WÂDI HALFA	00	8	32	3	0	0	—	10	28	25													165
KAREIMA	00	8	00	0	0	0	—	7	33	26													166
'ATBARA	00	8	32	3	0	0	—	4	34	29													167
KHARTÛM	00	8	32	3	0	1	1	5	34	29													209
KASSALA	01	8	02	1	1	3	1	2	38	29													170
CENTRAL SÛDÂN																							
WAD MEDANI	00	8	04	2	0	0	—	4	33	20													171
RENK																							182
ROSEIRES																							172
EL OBEID	00	9	30	3	0	2	2	4	32	17													174
EL FÂSHER	00	9	02	1	0	1	1	—	29	20													175
GENEINA	00	8	04	3	0	0	—	—	31	15													179
KADUGLI	00	8	28	3	1	3	1	5	35	18													187
S. SÛDÂN																							
MALAKÂL	00	8	32	1	1	2	1	4	34	27													176
WÂU	00	8	32	2	1	0	—	4	32	29													177
JUBA	01	8	30	2	1	4	8,4	4	33	47													178

UPPER WINDS ON 25th (الرياح العليا يوم ٢٥)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SAÏD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	13h. 15m.	12h. 30m.	13h. 15m.	h. m.	h. m.	h. m.	13h. 15m.	13h. m.	13h. m.	12h. 45m.	13h. m.	13h. 15m.	12h. 45m.
	03 02 15	03 03 05	03 01 05				09 07 10	09 04 10	09 01 20	09 04 15	09 01 15	09 07 15	09 35 10
	06 03 15	06 07 05	06 03 05				15 25 10	15 03 20	15 16 10	15 05 30	15 01 05	15 05 15	15 31 05
	09 04 10	09 08 10	09 22 05				18 22 15	21 01 20	21 23 20	21 07 15	21 19 15	21 06 20	21 23 05
	15 05 30	15 12 25	15 12 20					27 01 20	27 23 20	27 09 05	27 20 15	27 03 15	27 12 05
	21 13 30	18 14 25	21 14 20					33 36 20	33 25 30		33 21 15	33 04 15	33 16 05
	27 13 20	21 13 30	27 16 15					39 20 10	39 24 20		39 20 10	39 09 10	
	30 17 20	30 12 30	30 17 15										
	39 17 15												
	45 21 30												

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 25th	Diff from normal	Wet bulb temp °C on 25th	Diff from normal
Alexandria	61	-4	18.0	+2.4
Ezbekiya	77	+8	17.9	+3.5
Giza	74	+2	18.0	+3.7
Helwân	75	+18	17.5	+4.0

GÎZA — Grass minimum temp. on 26th 13.7 °C

CAIRO — Water temp. River Nile at 9h. on 26th 20.9 °C

Discharges at Aswân measured by sluices m³ per sec.	1946	1945
Date 26th	2115	1968
Date 25th	2178	1852

Gauge	Date (1946)	Reading (m.)	Diff from normal (m.)	Previous day Reading (m.)	Previous day Diff. from normal (m.)
Jûba	26th				
Nâsser					
Malakâl				12.90	+0.61
J. Aulia Res.					
J. Aulia D.S					
Roseires				14.38	+0.75
Sennar Res.				30.24	—
Khartûm				12.28	+0.34
Kh. el Girba					
'Atbara				11.72	+0.42
Kajnarti				136.10	+0.58
Aswân Res.		118.62	—	118.50	—
Aswân D.S		87.64	+0.46	87.14	+0.56
Roda (Cairo)		16.90	+0.31	18.94	+0.31

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on TUESDAY 26th (الساعة ٨ يوم الثلاثاء ٢٦)

Station	ww	V	DD	F	W	N	C	Bar. M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Dry Bulb °C (TTT)	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	% Humidity (UU)	Rain Past 24 hrs mms.	Total from Oct. 1 mms.	Norm from Oct. 1 mms.
MEDITERRANEAN																		
SALÛM												—		—				17
MATRÛH	01	9	24	1	9	3	5	11.7	-3.2	17.4	21	-1	14	+1	78	1	11	36
MARIUT	21	7	32	2	8	7	9	12		19	23	—	17	—	78	tr.	4	29
ALEXANDRIA	02	9	04	3	5	6	9	12.8	-5.5	17.7	26	+3	18	+3	66	2	5	35
DAMIETTA	07	8	32	3	1	5	7	11.2	-6.0	21.0	25	—	18	—	67	0	dr.	19
PORT SAÏD	01	7	30	3	1	5	6	10.7	-6.4	20.7	27	+4	20	+5	79	0	4	13
EL 'ARÎSH	01	9	22	2	1	4	3	10.7	-7.1	20.3	27	+3	17	+5	84	0	tr.	15
LOWER EGYPT																		
DAMANHÛR	02	6	32	3	8	8	5	11.8	-6.5	17.0	26	+2	15	+3	78	40	42	14
MANSÛRA	01	8	04	2	1	4	8	12.0	-5.7	18.6	28	+3	17	+4	84	0	dr.	8
TANTA	01	8	32	3	2	4	8	11.5	-6.9	19.6	26	+1	16	+5	80	0	dr.	7
ZAGAZIG	02	6	22	2	2	5	8	11.6	-6.5	18.8	28	+4	16	+5	94	0	dr.	6
SHEBÎN EL KÔM	01	8	30	2	1	4	8	12.8	-5.4	17.8	29	—	16	—	89	0	dr.	—
MIDDLE EGYPT																		
CAIRO ALMAZA	02	6	28	1	1	7	6,8	12.0	-6.0	18.5	26	—	16	—	83	0	dr.	—
CAIRO EZBEKÎYA	05	7	04	1	1	5	6	12.6	-5.4	17.9	25	+1	17	+4	85	0	dr.	3
CAIRO GÎZA	01	7	02	1	1	4	8	12.6	-5.4	19.3	25	+1	16	+5	85	0	dr.	5
HELWÂN	09	5	30	3	5	8	6	12.3	-6.2	18.3	26	+2	17	+4	91	dr.	dr.	3
SUEZ	01	9	32	1	1	3	3	12.2	-5.0	20.6	26	+1	17	+3	80	0	dr.	5
UPPER EGYPT																		
FAIYÛM	01	8	00	0	1	3	8	12.2	-6.1	19.0	26	+1	12	+1	86	0	dr.	0
MINYA	01	8	32	2	1	4	5	13.2	-5.3	18.8	26	+1	16	+5	83	0	dr.	—
ASYÛT	03	5	22	1	2	8	9	13.2	-5.1	16.5	28	+3	15	+4	90	0	0	1
NAG' HAMÂDI	00	8	00	0	0	0	—	13.4	-3.6	17.2	29	—	10	—	86	0	0	—
QENA	00	7	22	2	0	0	—	11.8	-5.5	17.6	26	-2	12	0	87	0	0	—
LUXOR												—		—			0	—
ASWÂN	02	9	32	1	1	5	4	11.8	-5.2	20.0	30	+1	17	+2	53	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	17.2	-2.1	16.0	25	+1	12	+4	76	0	0	1
BAHARÎYA	00	9	32	1	0	0	—	15.2	-3.8	17.2	24	-1	12	+2	58	0	0	2
KHÂRGA	00	9	32	1	0	0	—	16.3	-3.5	16.2	27	0	12	+1	74	0	0	—
DÂKHLA	00	8	28	2	0	0	—	14.6	-4.0	16.0	26	0	13	+3	69	0	0	—
RED SEA																		
TÔR	00	7	04	1	0	0	—	10.4	-6.0	18.8	27	+2	13	0	62	0	0	3
HURGHÂDA	00	7	26	3	0	0	—	10.4	-6.2	21.6	27	+1	17	+3	63	0	0	2
QUSEIR	00	8	28	2	0	0	—	10.3	-6.0	22.2	26	0	20	+2	76	0	0	3
PORT SÛDÂN	01	9	30	3	1	3	8	10		28					52	0	124	50
NORTH SÛDÂN																		
WÂDI HALFA	00	8	26	2	0	0	—	12		17					46	0	0	—
KAREIMA	01	8	04	1	1	5	2	10		24					30	0	dr.	1
'ATBARA	00	8	32	3	0	1	1	8		24					47	0	dr.	2
KHARTÛM	00	8	30	4	0	1	1	9		24					38	0	2	4
KASSALA	00	7	32	1	0	0	—	7		26					58	0	1	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	32	2	0	0	—	8		24					38	0	15	12
RENK	00	9	30	3	0	0	—	8		26		—		—	58	—	—	48
ROSEIRES	00	8	32	1	6	0	—	9		22					69	0	21	36
EL OBEID	02	8	30	4	1	8	1	10		22					36	0	69	16
EL FÂSHER	01	8	00	0	1	4	2	—	—	17					34	0	4	6
GENEINA								—	—			—		—		—	—	4
KADUGLI	01	8	28	3	1	4	1	9		22		—		—	36	—	—	88
S. SÛDÂN																		
MALAKÂL	00	8	02	1	1	1	4,3	8		27					35	0	112	86
WÂU	00	8	00	0	0	3	1	9		22					74	0	159	141
JUBA	01	8	14	3	1	4	4	9		23					89	0	211	122

UPPER WINDS ON 26th (الرياح العليا يوم ٢٦)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SAÏD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	9h. 30m.	h. m.	8h. m.	h. m.	7h. m.	7h. 15m.	7h. 15m.	7h. m.	6h. 30m.
			02 32 25		02 32 05		02 36 15	09 33 15	09 02 30	09 03 50	09 02 30
			05 35 35		03 03 25		05 04 20	15 33 25	15 04 10	15 01 50	15 33 10
			10 34 25				10 15 10	21 27 20	21 01 10	21 03 25	21 29 10
			15 34 25				15 32 50	27 27 15	27 17 05	27 36 05	27 27 10
			20 31 20				20 22 25	33 27 35		33 18 05	33 25 05
			25 26 10				25 23 40	39 26 50		36 18 30	
			27 24 10				30 23 30				
							Ext. Ac				

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6h. 45m.	7h. m.	7h. m.	7h. m.	h. m.	7h. 15m.
09 04 25	09 10 20	09 01 35			09 35 05
15 02 25	15 12 30	15 03 25	15 02 20		15 36 20
21 36 05	21 13 35	21 29 05	21 01 15		21 03 20
27 33 20		27 20 15	33 35 10		27 03 30
33 34 20		33 15 10			33 04 20
		39 10 10			39 04 20

UPPER AIR TEMP. ALMÂZA AT 4h. G.M.T. ON 26th

HEIGHT (FEET)	P.P.P (m.b.)	TT (°F)	tt (°F)
Surface	1002	63	62
500	984	67	65
1000	966	66	63
1500	949	63	61
2000	932	61	57
4000	865	56	51
6000	803	48	44
8000	744	41	39
10000	689	33	29
12000	637	25	22
14000	587	16	14
16000	543	6	6

CYPRUS SYNOPTIC 8h. ON 26th
34770 03878 28128 12160 70706 00140
34957 02862 32127 13201 60300 00160

ANNUAL SUBSCRIPTION P.T. 150

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

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.

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

Time of Sunrise 6 h. 27 m.
Sunset 16 55

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month NOVEMBER 1946 — شهر نوفمبر ١٩٤٦

At 14h. on TUESDAY 26th — الساعة ١٤ يوم الثلاثاء ٢٦
At 20h. on 26th — الساعة ٢٠ يوم الثلاثاء ٢٦

Region	Station	14h Present Weather ww	14h Visibility v	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar Press M.S.L. 1000+ mbs. PPP	14h Temp. °C TTT	14h % Humidity UU	Rain 8-14h mms	20h Present Weather ww	20h Visibility v	20h Wind Dir. DD	20h Wind Force F	20h Past Weather W	20h Cloud Amount N	20h Cloud Form C	20h Bar Press M.S.L. 1000+ mbs. PPP	20h Temp. °C TTT	20h % Humidity UU	Rain 14-20h mms	Station Number
Mediterranean	SALÛM																							130
	MATRÛH	01	9	32	3	1	4	9	14.8	21.0	68	0	01	9	32	3	5	4	9	15.5	20.2	71	dr.	131
	MARIUT	02	7	30	3	2	6	8,2	12	22	61	0	00	7	29	3	1	3	6,8	13	20	74	0	150
	ALEXANDRIA	01	9	28	2	2	4	8	12.4	21.8	61	0	01	6	28	3	2	3	4	13.9	21.0	68	0	132
	DAMIETTA	02	8	30	2	1	6	6	11.1	21.6	59	0	01	6	20	1	5	5	7	12.2	17.5	80	dr.	159
	PORT SA'ÎD	01	7	30	4	1	4	4	10.8	22.8	55	0	50	7	30	3	5	5	9	12.7	19.2	69	dr.	134
	EL 'ARÎSH	01	9	30	4	1	4	4	10.0	22.9	69	0	02	8	24	3	5	5	4	11.0	19.8	77	dr.	135
Lower Egypt	DAMANHÛR	03	6	04	3	2	8	9	12.4	20.8	77	0	01	6	04	2	1	3	8	13.2	16.0	89	0	136
	MANSÛRA	01	8	20	2	1	4	0	11.5	22.0	56	0	00	6	02	2	1	0	—	13.1	17.8	82	0	137
	TANTA	01	8	28	3	1	5	3	11.5	21.6	60	0	01	8	00	0	1	4	8	13.1	17.4	84	0	138
	ZAGAZIG	01	6	28	2	2	4	8	11.4	25.0	47	0	00	6	16	2	1	0	—	13.8	17.0	80	0	139
	SHEBÎN EL KÔM	01	8	30	3	2	4	6	12.2?	26.0	42	0	00	7	30	2	1	0	—	14.0	17.9	83	0	—
Middle Egypt	Cairo ALMÂZA	01	8	31	1	1	4	8,4	10.9	24.9	47	0	00	7	02	1	1	2	6	13.4	18.5	76	0	141
	Cairo EZBEKÎYA	01	8	30	2	1	4	8	11.4	24.3	47	0	00	7	30	2	0	0	—	13.6	18.6	76	0	—
	Cairo GÎZA	01	8	02	2	1	4	8	12.2	24.4	52	0	00	8	00	0	0	0	—	14.0	16.6	82	0	—
	HELWÂN	01	8	28	4	1	3	8	11.2	23.3	48	0	00	7	30	2	0	0	—	13.4	18.6	66	0	143
	SUEZ	02	9	32	1	2	8	4	10.8	25.0	53	0	01	9	32	1	1	3	4	13.1	19.8	65	0	144
Upper Egypt	FAIYÛM	01	8	32	3	1	4	8	11.4	24.8	38	0	00	8	32	1	0	0	—	14.0	18.9	68	0	153
	MINYA	01	8	32	3	1	4	8	11.8	25.1	57	0	01	8	32	2	1	4	8	12.7	20.4	78	0	154
	ASYÛT	01	7	22	2	1	4	8	11.8	24.5	52	0	00	6	22	1	1	0	—	12.6	19.0	67	0	155
	NAG' HAMÂDI	00	8	00	0	0	0	—	11.5	23.8	60	0	00	8	00	0	0	0	—	12.2	19.0	64	0	164
	QENA	00	8	22	2	0	0	—	9.8	24.2	59	0	00	6	22	2	0	0	—	11.5	19.0	79	0	156
	LUXOR												00	6	28	2	0	0	—	13.0	20.4	53	0	157
	ASWÂN	02	9	28	1	1	8	4	9.4	28.8	23	0	00	9	32	3	0	0	—	12.3	22.4	34	0	158
Western Desert	SÎWA	00	8	28	3	0	0	—	16.2	23.0	57	0	00	—	00	0	0	0	—	17.6	16.3	73	0	148
	BAHARÎYA	01	9	00	0	1	4	—		23.5	56	0	00	—	32	1	0	0	—	17.9	18.0	66	0	149
	KHÂRGA	01	9	32	2	1	4	8	13.0	25.2	43	0	00	9	32	1	0	0	—	13.2	20.2	54	0	151
	DAKHLA	00	9	28	1	0	0	—	12.0	25.0	54	0	00	7	28	2	0	0	—	14.6	15.0	73	0	152
Red Sea	TÔR	00	7	28	3	0	0	—	9.5	26.4	63	0	00	7	28	3	0	0	—	10.6	25.2	49	0	145
	HURGHÂDA	00	8	04	2	0	0	—	8.3	26.4	55	0	07	7	24	2	1	3	9	9.9	27.8	53	0	146
	QUSEIR	02	8	32	2	1	5	9	8.4	25.3	78	0	00	8	28	3	1	0	—	9.4	25.2	84	0	147
	PORT SÛDÂN	01	9	12	3	1	4	8,1	7	30	62													208
North Sûdân	WÂDI HALFA	01	8	32	3	1	4	2	10	28	22													165
	KAREIMA	01	8	32	1	1	4	1	8	33	41													166
	'ATBARA	02	8	28	3	1	5	2	5	33	26													167
	KHARTÛM	01	8	32	3	0	4	2	5	34	23													209
	KASSALA	00	8	30	1	0	0	—	2	38	27													170
Central Sûdân	WAD MEDANI	00	8	28	4	0	2	3	3	36	17													171
	RENK	00	9	28	3	0	0	—	3	35	30													182
	ROSEIRES	00	8	08	1	0	0	—	4	37	22													172
	EL OBEID	01	9	32	3	0	5	2	4	33	20													174
	EL FÂSHER	02	9	32	2	1	5	2	—	29	11													175
	GENEINA																							179
	KADUGLI	01	8	04	3	1	4	2	5?	36	20													187
S. Sûdân	MALAKÂL	00	8	30	2	0	0	—	4	34	32													176
	WÂU	01	8	00	0	0	3	8,1	3	34	27													177
	JUBA	11	8	06	2	1	5	9	4	32	49													178

At 8h. on WEDNESDAY 27th — الساعة ٨ يوم الأربعاء ٢٧

Region	Station	Present Weather ww	Visibility v	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C	Max. Diff. from norm. °C	Minimum Today °C	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Mediterranean	SALÛM												—		—				18
	MATRÛH	01	9	24	3	6	4	9	17.0	-0.9	17.6	22	0	15	+2	84	tr.	20	36
	MARIUT	01	7	32	3	2	4	6,8	14		21	22	—	16	—	73	7	11	30
	ALEXANDRIA	02	8	28	4	5	5	9	14.8	-3.5	21.0	22	-1	18	+3	74	2	7	36
	DAMIETTA	01	7	18	2	5	4	9	12.7	-4.5	18.8	23	—	14	—	87	dr.	dr.	19
	PORT SA'ÎD	00	7	18	3	0	3	4	13.1	-4.0	20.0	25	+2	17	+2	79	dr.	4	14
	EL 'ARÎSH	01	9	12	1	1	4	4	13.8	-4.1	20.2	26	+3	16	+5	67	dr.	tr.	15
Lower Egypt	DAMANHÛR	01	6	24	2	1	3	8	13.4	-5.0	17.4	22	-2	15	+3	90	0	42	14
	MANSÛRA	01	8	02	1	5	3	0	13.6	-4.1	18.0	26	+2	14	+1	80	tr.	tr.	8
	TANTA	01	8	24	1	1	4	9	13.9	-4.6	18.6	24	0	13	+2	84	0	dr.	7
	ZAGAZIG	01	6	24	2	0	4	8	13.9	-4.3	17.0	28	+4	14	+3	90	0	dr.	6
	SHEBÎN EL KÔM	00	8	30	1	0	1	8	14.7	-3.5	16.8	28	—	15	—	89	0	dr.	—
Middle Egypt	Cairo ALMAZA	01	7	20	1	1	5	6,8	14.4	-3.6	17.2	26	—	15	—	78	0	dr.	—
	Cairo EZBEKÎYA	05	5	16	1	1	6	6	14.8	-3.2	16.9	25	+1	15	+2	84	0	dr.	3
	Cairo GÎZA	01	7	00	0	1	5	4	15.1	-3.0	18.0	25	+1	13	+3	82	0	dr.	5
	HELWÂN	21	5	00	0	5	8	7	15.4	-3.2	15.1	24	+1	14	+1	89	dr.	dr.	3
	SUEZ	01	9	00	0	1	3	4	14.8	-2.5	19.6	26	+2	16	+2	95	0	dr.	5
Upper Egypt	FAIYÛM	01	8	00	0	1	3	8	15.6	-2.8	16.6	25	0	14	+3	82	0	dr.	0
	MINYA	00	8	32	2	0	0	—	16.3	-2.2	16.6	25	+1	13	+2	83	0	dr.	—
	ASYÛT	00	7	20	1	0	0	—	16.6	-1.8	16.0	27	+2	13	+2	74	0	0	1
	NAG' HAMÂDI	00	8	00	0	0	0	—	15.6	-1.5	19.0	24	—	12	—	62	0	0	—
	QENA	00	7	22	2	0	0	—	14.3	-3.1	17.3	27	-1	13	+1	93	0	0	—
	LUXOR	00	7	28	2	0	0	—	14.3	-2.6	21.8	29	[illegible]	14	[illegible]	44	0	0	—
	ASWÂN	01	9	30	1	1	3	1	14.3	-2.7	19.3	30	+1	16	+1	55	0	0	—
Western Desert	SÎWA	00	7	00	0	0	0	—	18.6	-0.7	14.6	24	0	9	+1	83	0	0	1
	BAHARÎYA	00	7	00	0	0	0	—	17.8	-1.3	17.0	24	0	14	+5	72	0	0	2
	KHÂRGA	00	9	02	1	0	0	—			16.0	27	0	15	+4	79	0	0	—
	DÂKHLA	00	8	28	1	0	0	—	17.5	-1.2	16.0	25	-1	13	+3	69	0	0	—
Red Sea	TÔR	00	7	28	4	0	0	—	11.4	-5.1	20.9	26	+1	15	+2	53	0	0	3
	HURGHÂDA	12	6	28	6	0	0	—	12.2	-4.4	21.4	27	+1	17	+3	56	0	0	2
	QUSEIR	00	8	24	2	0	0	—	11.5	-4.9	21.9	28	+2	19	+1	60	0	0	3
	PORT SÛDÂN	00	8	30	1	0	1	8,4	9		28					70	0	124	52
North Sûdân	WÂDI HALFA	01	8	02	2	1	4	2	15		17					56	0	0	—
	KAREIMA	01	8	00	0	0	3	1	13								0	dr.	1
	'ATBARA	14	7	30	4	0	4	2	11		23					47	0	dr.	2
	KHARTÛM	00	8	32	3	0	3	2	11		23					34	0	2	4
	KASSALA	00	8	00	0	0	0	—	8		26					58	0	1	8
Central Sûdân	WAD MEDANI																0	15	12
	RENK	00	9	28	3	0	0	—	8		26		—		—	37	—	—	48
	ROSEIRES	02															0	21	36
	EL OBEID	02	8	30	4	1	7	2	11		21					31	0	69	16
	EL FÂSHER	01	8	00	0	0	3	1	—	—	14					32	0	4	6
	GENEINA								—	—			—		—		0	—	4
	KADUGLI	01	8	28	3	1	4	1	10		25		—		—	61	—	—	88
S. Sûdân	MALAKÂL	01	8	00	0	1	3	4,5								•	0	112	86
	WÂU	01	8	00	0	0	3	4	9		23						0	159	142
	JUBA	01	8	12	2	1	5	—	9		24					84	1	212	123

UPPER WINDS ON 26th — الرياح العليا يوم ٢٦

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA 13h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13h 15m.	KAREIMA 13h. m.	KHARTÛM 13h. m.	KASSALA 13h. m.	EL OBEID 13h. m.	MALAKAL 13h. m.	JUBA 13h. m.
			03 22 05				09 35 20	09 33 10	09 33 10	09 36 15	09 02 20	09 01 15	09 03 35
			06 32 10				15 33 15	15 35 15	15 31 05	15 01 20	15 01 30	15 03 15	15 02 20
			09 32 25				21 33 15	21 26 20	21 29 25	21 32 20	21 01 10	21 05 30	21 03 30
			12 33 15				27 29 20	27 26 20	24 25 35	27 25 15	27 22 05		27 06 20
			15 26 10				33 26 40	33 25 30		33 22 30	33 07 10		33 10 15
			18 29 10				39 25 55	39 26 30		39 26 05			

UPPER WINDS ON 27th — الرياح العليا يوم ٢٧

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT 7h. m.	PORT SA'ÎD h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT 7h. m.	LUXOR h. m.	ASWÂN 7h. m.	WÂDI HALFA 7h 15m.	ABU HAMAD 7h 15m.	KAREIMA 7h. m.	KHARTÛM 7h. m.
	03 35 30				02 34 05		02 35 25	09 35 40	09 36 60	09 03 40	09 01 50
	Ent. Cb.				05 35 35		05 36 20	15 35 40	15 01 15	15 02 40	15 01 20
					10 34 40		10 36 55	21 35 25	21 27 10	21 33 15	21 27 15
							15 34 25	27 32 20		27 29 10	
							20 33 25	33 32 35			
								39 28 40			

KASSALA 7h 30m.	PORT SÛDÂN 6h 30m.	EL OBEID 7h. m.	EL FÂSHER 7h. m.	GENEINA h. m.	MALAKAL 7h. m.
	09 10 05	09 01 50	09 02 10		09 03 35
	15 15 20	15 03 05	15 05 25		15 03 55
21 20 15	21 10 10	21 04 35	21 08 15		21 02 40
27 26 30	27 20 20	27 05 10	27 24 10		27 04 20
30 24 25	33 24 30	33 20 10	33 25 15		33 04 20
	39 25 15	39 17 05	39 22 20		39 06 25

UPPER AIR TEMP. ALMÂZA AT 6h GMT ON 27th.

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	1004	60	59
500	986	61	59
1000	968	61	58
1500	951	60	58
2000	934	59	58
4000	867	52	48
6000	804	45	47
8000	746	41	36
10000	690	36	29
12000	639	32	25
14000	590	26	21
16000	544	18	15

CYPRUS SYNOPTIC 8h. ON 27th
34700 00990 28310 13190 70306 00130
34800 00990 20210 15150 70203 00120

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 26th	Diff from normal	Wet bulb temp °C on 26th	Diff from normal
Alexandria	63	-2	16.9	+1.5
Ezbekiya	73	+4	16.6	+2.6
Giza	77	+5	17.0	+2.9
Helwân	73	+16	16.4	+3.0

GÎZA — GRASS MINIMUM TEMP. ON 27th 10.6 °C

CAIRO — WATER TEMP RIVER NILE AT 8h. ON 27th 20.7 °C

Discharges at Aswân measured by sluices m³ per sec.	1946	1945
27th		2083
26th	2115	1963

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	27th				
Nâsser				11.02	+0.08
Malakâl		12.91	+0.62	12.90	+0.61
J. Aulia Res.				377.01	—
J. Aulia D.S				372.09	+0.40
Roseires		14.28	+0.73	14.32	+0.74
Sennar Res.				30.31	—
Khartûm				12.26	+0.36
Kh. el Girba				11.05	+0.44
'Atbara				11.70	+0.42
Kajnarti		136.05	+0.65	136.08	+0.63
Aswân Res.				118.62	—
Aswân D.S				87.04	+0.46
Roda (Cairo)		16.87	+0.32	16.90	+0.31

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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, 1945 (45/306)

ANNUAL SUBSCRIPTION P.T. 150

Time of Sunrise 05 30 h. m.
Sunset 16 55 h. m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month NOVEMBER 1946 — شهر نوفمبر ١٩٤٦

At 14h. on Wednesday 27th (الساعة ١٤ يوم الأربعاء ٢٧) / At 20h. on 27th (الساعة ٢٠ يوم الأربعاء ٢٧)

	STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN	SALÛM																							130
	MATRÛH	02	9	32	3	1	5	8	16.6	21.2	64	0	01	8	00	0	2	4	8	18.2	17.6	74	0	131
	MARIUT	25	8	31	3	8	5	8,9,6	15	21	78	dr.	81	7	32	2	1	4	8,9,6	17	20	83	1	150
	ALEXANDRIA	02	9	02	3	2	5	8	15.1	22.4	68	0	01	6	04	2	2	4	8	17.5	20.0	74	0	132
	DAMIETTA	00	8	04	3	1	2	8	13.5	21.8	66	0	00	5	10	1	1	0	—	15.4	17.5	92	0	158
	PORT SA'ÎD	00	8	04	3	0	3	4	13.6	21.8	66	0	00	8	02	2	0	0	—	15.6	20.2	75	0	134
	EL 'ARÎSH	00	9	30	2	0	0	—	13.8	21.2	68	0	00	9	28	1	0	0	—	15.1	18.8	94	0	135
LOWER EGYPT	DAMANHÛR	01	7	32	3	1	5	8	14.4	22.8	66	0	01	6	32	3	5	4	8	14.4	17.2	83	dr.	136
	MANSÛRA	01	8	02	2	1	4	8	13.9	24.0	57	0	00	6	32	1	1	0	—	16.3	18.6	84	0	137
	TANTA	01	8	04	1	1	4	8	13.6	23.3	60	0	01	8	00	0	1	4	8	16.2	16.8	88	0	138
	ZAGAZIG	01	6	32	3	1	4	8	13.8	23.5	56	0	00	6	32	2	1	0	—	15.6	18.0	90	0	139
	SHEBÎN EL KÔM	01	8	30	3	2	4	8	13.8	24.8	55	0	00	7	30	2	1	0	—	16.6	17.9	83	0	—
MIDDLE EGYPT	CAIRO ALMÂZA	81	8	30	2	2	5	8,9,6	13.2	22.8	60	dr.	00	7	00	0		0	—	15.9	19.1	63	0	141
	CAIRO EZBEKÎYA	50	8	30	2	2	5	9,8,6	13.5	22.8	56	dr.	00	6	30	1	0	0	—	16.0	18.9	81	dr.	—
	CAIRO GÎZA	50	8	28	2	2	5	9	13.9	22.8	54	dr.	00	7	00	0	0	0	—	16.4	16.4	85	0	—
	HELWÂN	02	8	28	4	5	5	8,3,6	13.5	22.0	57	dr.	00	7	32	4	0	0	—	15.8	14.5	67	0	143
	SUEZ	02	9	32	1	2	8	5	13.9	22.6	54	0	00	9	32	1	0	0	—	16.3	19.0	68	0	144
UPPER EGYPT	FAIYÛM	01	8	32	3	1	4	8	13.8	24.3	46	0	01	8	32	2	5	3	8	15.8	19.0	72	dr.	153
	MINYA	01	8	28	3	1	4	8	14.3	25.0	46	0	01	8	32	2	1	4	4	15.9	19.6	67	0	154
	ASYÛT	01	8	28	1	1	4	8	14.4	23.1	51	0	00	6	20	1	1	0	—	15.0	17.6	60	0	155
	NAG' HAMÂDI	00	8	24	1	0	0	—	13.4	23.7	52	0	00	8	00	0	0	0	—	15.0	18.9	66	0	164
	QENA	01	8	28	2	0	3		11.8	25.1	36	0	00	6	24	1	1	2	1	13.6	20.0	64	0	156
	LUXOR	01	7	26	3	1	4	1	12.5	25.5	39	0	00	6	28	3	0	0	—	14.3			0	157
	ASWÂN	01	9	30	4	1	3	1	11.8	25.6	25	0	00	9	30	3	0	0	—	13.6	22.5	34	0	158
WESTERN DESERT	SÎWA	00	8	00	0	0	0	—	18.4	24.2	59	0	00	5	00	0	0	0	—	19.2	18.4	70	0	148
	BAHARÎYA												00		00	0	0	0	—		18.5	58	0	149
	KHÂRGA	01	9	32	2	1	3	2	12.3	24.0	39	0	00	9	24	2	0	0	—		19.2	53	0	151
	DAKHLA	00	9	28	2	0	0	—	13.4	24.7	56	0	00	7	28	2	0	0	—	17.6	15.0	75	0	152
RED SEA	TÔR	00	7	28	5	0	0	—		24.5	56	0	00	7	28	4	0	0	—	13.1	23.9	88	0	145
	HURGHÂDA	12	6	30	7	0	0	—	11.1	24.6	42	0	00	7	24	2	0	0	—	12.8	20.2	53	0	146
	QUSEIR	00	8	32	3	0	0	—	11.1	25.4	83	0	00	8	32	2	0	0	—	12.3	24.3	60	0	147
	PORT SÛDÂN	02	8	04	4	1	6	8,2	7	30	70													209
NORTH SÛDÂN	WÂDI HALFA	01	8	02	3	1	3	1	12	26	28													165
	KAREIMA	01	8	02	3	1	4	4,1	10	28	25													166
	'ATBARA	01	7	30	4	0	3	1,2	7	31	16													167
	KHARTÛM	01	8	30	3	0	1	1	6	36	10													409
	KASSALA	00	7	30	2	0	0	—	3	37	33													170
CENTRAL SÛDÂN	WAD MEDANI																							171
	RENK	00	8	28	3	0	0	—	2	33	26													182
	ROSEIRES	00	8	31	2	0	0	—	4	36	27													172
	EL OBEID	01	9	32	3	1	4	2	6	31	17													174
	EL FÂSHER																							175
	GENEINA																							179
	KADUGLI	00	8	04	4	0	0	—	6	34	20													187
S. SÛDÂN	MALAKÂL																							176
	WÂU	00	8	30	1	0	0	—	4	33	30													177
	JUBA	02	8	28	3	1	5	6,4	4	33	41													178

UPPER WINDS ON 27th — الرياح العليا يوم ٢٧

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	13 h. m.	h. m.	h. m.	13 h. m.	13 h. m.	h. m.	14 h. 15 m.	12 h. 45 m.	13 h. m.	12 h. 45 m.	13 h. m.	h. m.	12 h. 30 m.
	03 36 50			03 33 15	03 31 30		09 02 30	09 02 20	09 36 30	09 33 05	09 01 30		09 03 15
	06 36 45			06 33 20	06 32 30		15 01 30	15 01 28	15 29 15	15 32 15	15 36 20		15 01 25
	09 36 40			09 33 30	09 32 50		21 36 30	21 33 20	21 28 20	21 29 15	21 33 05		21 02 30
				15 34 30	15 36 15		27 33 30	27 29 45	27 27 30		27 30 05		27 02 25
								33 26 45	33 25 30		33 33 05		33 04 20
								39 25 40			39 06 05		39 04 25

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day: Humidity % on 27th	Diff from normal	Wet bulb temp °C on 27th	Diff from normal
Alexandria				
Ezbekîya	75	+6	16.8	+3.0
Gîza	77	+5	16.1	+2.1
Halwân	73	+16	15.3	+2.1

GÎZA — GRASS MINIMUM TEMP. ON 28th 9.8°C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 28th 20.4°C

Discharges at Aswan measured by sluices m³ per sec.	DATE	1946	1945
	28.11	2141	2023
	27.11	2141	2023

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	28th				
Nâsser				11.01	+0.91
Malakâl		12.91	+0.65	12.91	+0.62
J. Aulia Res.					
J. Aulia D.S					
Roseires		14.24	+0.72	14.28	+0.73
Sennar Res.				20.39	
Khartûm				12.22	+0.34
Kh. el Girba					
'Atbara				11.68	+0.42
Kajnarti		135.98	+0.65	136.05	+0.65
Aswân Res.		118.80		118.72	
Aswân D.S		87.06	+0.48	87.06	+0.48
Roda (Cairo)		16.83	+0.33	16.87	+0.32

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on Thursday 28th (الساعة ٨ يوم الخميس ٢٨)

	STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C	Maximum Diff. from norm.	Minimum Today °C	Minimum Diff from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct 1 mms
MEDITERRANEAN	SALÛM												—		—				18
	MATRÛH	21	9	20	5	1	4	9	17.9	0.0	17.8	22	0	16	+3	76	dr.	20	37
	MARIUT	25	7	18	1	8	7	8,2,6	17		18	23	—	18	—	94	5	16	31
	ALEXANDRIA																		37
	DAMIETTA	01	8	30	2	1	5	4,5,9	16.2	-1.1	20.5	22	—	15	—	75	0	dr.	20
	PORT SA'ÎD	02	7	32	4	2	5	9	16.3	-0.8	21.2	23	0	18	+3	73	0	4	14
	EL 'ARÎSH	01	9	16	1	1	4	8,4	16.2	-1.8	17.7	24	+1	13	+2	79	0	tr.	16
LOWER EGYPT	DAMANHÛR	02	6	24	2	1	5	8	17.1	-1.3	16.8	23	-1	14	+2	92	dr.	42	15
	MANSÛRA	01	8	02	1	1	4	0	16.6	-1.2	17.5	26	+2	16	+4	85	0	1	9
	TANTA	01	8	28	1	1	5	8	16.8	-1.7	16.3	24	0	13	+2	90	0	dr.	7
	ZAGAZIG	01	6	16	2	0	5	8	16.5	-1.9		25	+1	13	+2	95	0	dr.	6
	SHEBÎN EL KÔM	01	8	30	2	1	4	8	17.5	-0.8	15.6	27	—	14	—	92	0	dr.	—
MIDDLE EGYPT	CAIRO ALMAZA	01	7	00	0	5	1	6	16.8	-1.3	17.2	23	—	13	—	81	dr.	dr.	—
	CAIRO EZBEKÎYA	08	4	00	0	1	5	6	16.8	-1.3	16.1	24	0	14	+2	92	dr.	dr.	3
	CAIRO GÎZA	09	5	02	1	2	6	6,2	17.2	-0.9	16.0	24	+1	12	+2	95	dr.	dr.	5
	HELWÂN	09	5	30	1	2	6	1,6	17.2	-1.4	16.1	23	0	14	+1	88	dr.	dr.	3
	SUEZ	02	9	32	2	1	8	2	17.1	-0.2	17.4	24	0	14	+1	86	0	dr.	5
UPPER EGYPT	FAIYÛM	01	8	32	2	1	4	8	17.1	-1.3	16.0	25	0	14	+3	89	dr.	dr.	0
	MINYA	01	7	04	3	1	4	4	16.7	-1.8	17.0	26	+1	15	+4	84	0	dr.	—
	ASYÛT	02	6	30	2	0	5	8	16.6	-1.9	15.1	27	+2	14	+3	88	0	0	1
	NAG' HAMÂDI	00	9	00	0	0	0	—	16.0	-1.2	19.0	25	—	13	—	72	0	0	—
	QENA	01	7	22	2	1	4	3	14.6	-2.9	17.4	27	-1	13	+1	76	0	0	—
	LUXOR	00	7	28	1	0	0	—	14.8	-2.2	19.0	27	-1	13	+3	54	0	0	—
	ASWÂN	02	9	04	3	1	5	4	14.4	-2.7	20.0	26	-2	15	+1	52	0	0	
WESTERN DESERT	SÎWA	00	7	00	0	0	0	—	19.9	+0.5	15.0	21	+2	11	+4	78	0	0	1
	BAHARÎYA	01	9	00	0	1	4		18.0	-1.2	19.0	26	+2	12	+4	63	0	0	2
	KHÂRGA	00	9	32	1	0	0	—	16.9	-1.1	17.8	25	-2	14	+3	76	0	0	—
	DÂKHLA	00	8	28	1	0	0	—	18.0	-0.8	16.0	25	-1	14	+4	69	0	0	—
RED SEA	TÔR	00	7	04	2	0	0	—	14.3	-2.2	16.5	27	+2	13	0	63	0	0	3
	HURGHÂDA	02	7	28	2	2	5	4	14.2	-2.5	20.7	26	0	15	+1	57	0	0	2
	QUSEIR	02	8	28	3	2	5	5	13.8	-2.6	21.0	26	0	19	+1	59	0	0	3
	PORT SÛDÂN	18		30	5	1			10		31					52	0	124	53
NORTH SÛDÂN	WÂDI HALFA	00	8	32	1	0	1	1	16		17					56	0	0	—
	KAREIMA	00	8	04	2	0	0	—	13		19					49	0	dr.	1
	'ATBARA	00	8	28	3	0	0	—	11		21					33	0	dr.	2
	KHARTÛM	00	8						12		21					35	0	2	4
	KASSALA	00	7	00	0	0	0	—	10		22					44	0	1	8
CENTRAL SÛDÂN	WAD MEDANI	00	9	32	4	0	0	—	10		20					35	0	15	12
	RENK	00	9	28	3	0	0	—	9		22		—		—	38	—	—	48
	ROSEIRES	00	8	30	1	0	0	—	10		22					44	0	21	36
	EL OBEID	00	9	30	3	0	0	—	13		19					32	0	69	16
	EL FÂSHER	01	9	32	1	1	3	1,2	—	—	16					45	0	4	6
	GENEINA	00	8	04	4	0	0	—	—	—	17		—		—	46	—	—	4
	KADUGLI	00	8	04	4	0	0	—	11		24		—		—	22	—	—	88
S. SÛDÂN	MALAKÂL	00	7	32	4	0	1	4	9		23					36	0	112	86
	WÂU	00	8	00	0	0	0	—	10		22					61	0	159	142
	JUBA	01	8	12	2	1	5		9		22					78	0	212	123

UPPER WINDS ON 28th — الرياح العليا يوم ٢٨

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	8 h. 45 m.	h. m.	8 h. 45 m.	h. m.	7 h. m.	8 h. 45 m.	7 h. m.	7 h. 15 m.	7 h. m.	7 h. m.	h. m.
	03 35 15		02 02 15		02 32 20	03 29 45	02 36 05	09 02 30	09 03 25	09 03 55	
	06 35 20		05 02 30		05 35 15	06 36 10	05 02 30	15 02 25	15 06 20	15 03 40	
	09 34 20		08 03 45			09 32 10	10 03 15	21 01 15	21 20 15	21 05 20	21 25 10
	12 34 15		10 03 40		Ent. As.		15 36 05	27 01 05	27 31 05	27 02 20	24 25 15
			15 04 20				20 34 10		33 28 15	33 36 20	27 27 15
			20 06 30				25 23 10		39 26 10	39 35 15	30 28 15
			23 06 35								
			25 07 45								
			30 13 10								

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6 h. 45 m.	7 h. m.	h. m.	7 h. 15 m.	7 h. m.	7 h. m.
09 09 10	09 35 20		09 02 15	09 05 35	09 02 70
15 09 10	15 36 40		15 05 15	15 07 40	15 03 55
21 24 10	21 01 30		21	21 07 20	21 04 70
27 26 15	27 03 20		27 01 10	27 05 10	
33 24 30	33 04 50		33 35 15	33 16 15	
	39 04 10		39 30 20	37 21 10	

UPPER AIR TEMP. ALMÂZA AT 05h G.M.T. ON 28th

HEIGHT FEET	P.P.P m.b.	TT °F	T'T' °F
Surface	1007	59	59
500	989.5	61	60
1000	971	62	60
1500	953	61	59
2000	936	59	57
4000	870	53	46
6000	807	46	40
8000	748	40	33
10000	692	35	26
12000	640	31	25
14000	592	26	22
16000	546	18	16

CYPRUS SYNOPTIC 8h. ON 28th
34700 00990 00000 15617

ANNUAL SUBSCRIPTION P.T. 150

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.

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 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 AMOUNT (N)

- Clear 0
- Trace 1
- 1 Tenth 2
- 2, 3 Tenths 3
- 4, 5, 6 Tenths 4
- 7, 8 Tenths 5
- 9 Tenths 6
- Over 9 Tenths 7
- Overcast 8
- Fog or Dust 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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Time of Sunrise 06 37 (h. m.)
Sunset 16 55

Month NOVEMBER 1946 — شهر نوفمبر ١٩٤٦

At 14h. on THURSDAY 28th (الساعة ١٤ يوم الخميس ٢٨) and At 20h. on 28th (الساعة ٢٠ يوم الخميس ٢٨)

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	01	9	28	3	1	4	8	16.8	21.2	65	0	00	8	24	2	1	3	8	17.6	17.2	79	0	131
MARIUT	02	7	28	1	2	7	8,4	16	22	74	0	01	7	01	1	2	6	8,4	17	19	83	dr.	150
ALEXANDRIA	02	8	04	1	2	5	6	16.4	21.0	65	0	02	6	28	2	5	5	9	17.6	20.0	78	dr.	132
DAMIETTA	01	8	30	3	1	5	5	15.1	22.4	66	0	00	7	30	1	1	2	6	16.4	19.9	77	0	159
PORT SA'ÎD	01	8	02	3	1	4	9	15.4	24.7	55	0	00	8	32	3	0	3	8	16.0	23.8	71	0	134
EL 'ARÎSH	02	9	30	3	2	6	6	15.1	23.2	64	0	00	9	32	1	0	0	—	15.4	18.6	38	0	135
LOWER EGYPT																							
DAMANHÛR	01	7	04	3	1	4	8	16.3	28.0	37	0	01	6	04	2	1	3	8	16.8	18.0	90	0	136
MANSÛRA	02	8	02	2	2	5	8	15.4	24.5	55	0	00	6	32	1	1	0	—	16.4	18.6	83	0	137
TANTA	01	8	32	1	1	5	8	15.4	23.0	65	0	01	8	32	2	1	5	8	16.8	17.6	83	0	138
ZAGAZIG	01	6	32	2	1	5	8	15.1	23.0	59	0	00	6	32	2	1	0	—	17.0	17.5	85	0	139
SHEBÎN EL KÔM	01	8	30	3	1	4	8	16.2	27.0	48	0	00	7	02	2	2	2	6	17.0	19.4	81	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	01	8	04	1	2	5	8	14.5	23.8	54	0	00	7	04	0	1	0	—	16.2	19.0	77	0	141
CAIRO EZBEKÎYA	01	8	02	3	2	4	8	15.4	23.9	61	0	00	6	02	2	0	0	—	16.6	19.1	76	0	—
CAIRO GÎZA	02	7	02	3	1	5	2	15.4	24.0	48	0	00	8	00	0	0	0	—	16.6	18.8	79	0	—
HELWÂN	02	8	32	3	2	5	8	14.7	24.0	45	0	00	6	32	4	0	0	—	16.3	19.8	61	0	143
SUEZ	02	9	02	1	2	8	2	14.7	24.6	48	0	01	9	32	1	1	3	2	16.4	20.0	71	0	144
UPPER EGYPT																							
FAIYÛM	01	8	32	3	1	4	8	15.0	24.0	48	0	00	8	32	1	0	0	—	15.5	18.6	62	0	153
MINYA	01	8	32	4	1	4	8	14.2	24.6	49	0	00	8	32	2	1	0	—	15.8	19.6	67	0	154
ASYÛT	01		26	1	1	4	8	13.9	23.5	47	0	00	6	20	1	1	0	—	14.6	19.0	67	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	14.4	24.7	55	0	00	8	00	0	0	0	—	14.4	18.3	76	0	164
QENA	01	8	24	2	1	3	3	13.2	23.8	54	0	00	6	24	2	1	0	—	13.8	19.4	68	0	156
LUXOR	01	7	22	2	1	4	3	18.0	27.0	43	0	00	6	32	1	0	0	—	14.0	20.0	47	0	157
ASWÂN	00	9	30	2	0	0	—	12.0	25.3	36	0	00	9	32	1	0	0	—	13.6	21.5	46	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	—	19.0	24.3	50	0	00	8	00	0	0	0	—	18.7	17.0	73	0	148
BAHARÎYA	01	9	32	1	1	4	—	17.8	22.0	74	0												149
KHÂRGA	01	9	32	2	1	4	9	14.0	24.0	44	0	00	9	32	1	0	0	—	15.4	18.7	70	0	151
DAKHLA	00	9	28	1	0	0	—		24.0	57	0	00	7	28	2	0	0	—	18.2	14.0	73	0	152
RED SEA																							
TÔR	00	7	28	3	0	0	—	13.0	25.8	89	0	00	7	28	2	0	0	—	13.4	23.3	90	0	145
HURGHÂDA	01	7	30	1	1	4	1	11.9	24.8	47	0	00	7	26	2	0	0	—	12.8	20.8	72	0	146
QUSEIR	01	8	32	3	1	3	4	11.9	24.9	66	0	00	8	32	2	1	0	—	12.0	24.2	69	0	147
PORT SÛDÂN	01	7	02	5	1	4	6,4	8	28	70													189
NORTH SÛDÂN																							
WÂDI HALFA	00	8	32	3	0	2	4	12	25	26													165
KAREIMA	00	8	32	2	0	0	—	10	28	27													166
'ATBARA	00	8	32	2	0	0	—	6	30	33													167
KHARTÛM	00	8	32	3	0	0	—	7	29	14													168
KASSALA	00	8	28	2	0	0	—	3	36	31													170
CENTRAL SÛDÂN																							
WAD MEDANI	00	8	28	4	0	0	—	5	32	16													171
RENK	00	9	28	3	0	0	—		32	26													182
ROSEIRES	00	8	24	1	0	0	—	4	35	22													172
EL OBEID	00	9	32	3	0	1	2	6	30	13													174
EL FÂSHER	00	9	04	1	0	0	—	—	28	19													175
GENEINA	00	8	04	3	0	0	—	—	37	11													179
KADUGLI	00	8	04	4	0	0	—	6	33	36													187
S. SÛDÂN																							
MALAKÂL	00	8	32	3	0	0	—	4	32	28													176
WÂU	00	8	32	3	0	0	—	4	33	26													177
JUBA	01	8	32	3	1	4	8,4	5	33	36													178

UPPER WINDS ON 28th (الرياح العليا يوم ٢٨)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT 12h.30m.	PORT SA'ÎD 12h.30m.	ALMÂZA h. m.	MINYA 13h.45m.	LUXOR 13h.45m.	HURGHÂDA h. m.	WÂDI HALFA 13h. m.	KAREIMA 12h.45m.	KHARTÛM 13h. m.	KASSALA h. m.	EL OBEID 13h.30m.	MALAKAL 13h. m.	JUBA 12h.45m.
	03 36 05	03 03 15		03 36 40	03 26 05		09 02 30	09 35 15	09 34 20		09 01 15	09 01 30	09 02 15
	06 01 10	06 01 15		06 36 50	06 33 05		15 35 20	15 02 05	15 27 15		15 35 15	15 03 35	15 01 20
	09 35 05	09 03 15		09 01 30	09 33 10		21 02 10	21 32 10	21 26 20		21 30 15	21 03 35	21 35 20
	12 35 05	15 04 05		15 30 55	12 35 10		27 02 05	27 32 30	27 27 30		27 25 15	27 04 35	27 03 20
	15 36 05	18 08 05			15 32 05			33 29 20	33 27 30		33 21 20	33 06 30	33 06 20
	18 17 05	21 08 15			18 31 20			39 29 25	39 28 40				
	21 17 05	24 11 05			21 32 25								
	24 17 05												

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 28th	Diff from normal	Wet bulb temp °C on 28th	Diff from normal
Alexandria	82	+17	17.4	+2.4
Ezbekiya	77	+8	17.0	+3.3
Gîza	80	+8	16.8	+2.7
Helwân	69	+12	15.8	+2.7

GÎZA — GRASS MINIMUM TEMP. ON 29th 9.7 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 29th 20.3 °C

Discharges at Aswân measured by sluices m³ per sec. — DATE	1946	1945
29-11	2141	2083
28-11	2141	2083

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	29-11-46				
Nâsser				10.99	+0.92
Malakâl		12.91	+0.63	12.91	+0.63
J. Aulia Res.				376.97	—
J. Aulia D.S				372.84	+0.38
Roseires		14.18	+0.70	14.22	+0.72
Sennar Res.		20.59	—	20.48	—
Khartûm		12.15	+0.33	12.18	+0.32
Kh. el Girba					
'Atbara		11.61	+0.39	11.65	+0.41
Kajnarti		135.94	+0.68	135.98	+0.63
Aswân Res.	—	118.89	—	118.80	—
Aswân D.S	—	87.07	+0.49	87.06	+0.48
Roda (Cairo)	—	16.81	+0.35	16.83	+0.33

Printed by the Survey of Egypt, 1945.(45/306)

At 8h. on FRIDAY 29th (الساعة ٨ يوم الجمعة ٢٩)

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C	Maximum Diff. from norm. °C	Minimum Today °C	Minimum Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				19
MATRÛH	01	9	24	3	0	5	8	19.1	+1.2	15.8	23	+1	15	+2	81	0	20	38
MARIUT	01	7	22	1	1	5	8,4	18		19	22	—	15	—	83	dr.	16	32
ALEXANDRIA	02	8	12	2	2	5	4	18.7	+0.3	20.4	23	0	17	+2	73	dr.		38
DAMIETTA	02	8	28	2	1	5	6	16.7	-0.6	20.0	23	—	17	—	77	0	dr.	20
PORT SA'ÎD	03	8	02	3	1	8	8	17.8	+0.7	23.2	25	+2	19	+4	64	0	4	15
EL 'ARÎSH	00	9	12	2	0	0	—	17.1	-0.9	19.8	26	+3	12	+1	71	0	tr.	16
LOWER EGYPT																		
DAMANHÛR	00	6	24	2	0	0	—	18.4	0.0	16.7	28	+4	14	+2	91	0	42	15
MANSÛRA	01	8	20	1	1	4	6	18.0	+0.2	18.5	26	+2	16	+4	80	0	1	9
TANTA	00	8	00	0	0	0	—	18.4	-0.1	18.6	25	+1	12	+1	89	0	dr.	7
ZAGAZIG	00	6	24	2	0	0	—	17.4	-1.0	17.2	25	+1	14	+3	89	0	dr.	6
SHEBÎN EL KÔM	00	8	02	1	0	0	—	18.7	+0.4	15.7	28	—	14	—	91	0	dr.	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	00	0	1	3	6	18.1	0.0	17.3	25	—	14	—	83	0	dr.	—
CAIRO EZBEKÎYA	05	5	30	1	0	2	4	17.8	-0.3	16.2	26	+2	15	+3	88	0	dr.	3
CAIRO GÎZA	00	8	02	1	0	1	4	18.6	+0.4	16.2	24	+1	12	+2	91	0	dr.	5
HELWÂN	05	6	32	2	0	3	4	18.3	-0.4	17.7	24	+1	15	+3	80	0	dr.	3
SUEZ	01	9	32	1	1	3	2	18.2	+0.8	18.0	26	+2	14	+1	90	0	dr.	5
UPPER EGYPT																		
FAIYÛM	01	8	32	2	1	3	8	18.3	-0.2	16.5	24	-1	15	+4	84	0	dr.	0
MINYA	03	6	32	2	2	8	5	16.6	-2.1	17.0	25	+1	15	+4	79	0	dr.	—
ASYÛT	00	7	22	1	0	0	—	17.8	-0.8	16.0	27	+2	14	+4	80	0	0	1
NAG' HAMÂDI	00	8	00	0	0	0	—	16.2	-1.0	15.3	26	—	12	—	86	0	0	—
QENA	00	7	24	3	0	0	—	14.4	-3.2	16.8	26	-2	13	+2	81	0	0	—
LUXOR	00	7	28	2	0	0	—	15.5	-1.6	20.4	28	-0	11	+1	45	0	0	—
ASWÂN	00	9	00	0	0	0	—	15.9	-1.3	18.5	26	-2	14	0	63	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	20.7	+1.3	14.3	25	+1	11	+4	75	0	0	1
BAHARÎYA																	0	2
KHÂRGA	00	9	32	2	0	0	—	16.2	-1.9	18.2	25	-2	14	+4	73	0	0	—
DÂKHLA	00	8	28	2	0	0	—	18.8	0.0	17.5	24	-2	15	+5	70	0	0	—
RED SEA																		
TÔR	00	7	04	1	0	0	—	14.8	-1.8	18.6	27	+2	13	0	93	0	0	3
HURGHÂDA	00	7	26	4	0	0	—	15.1	-1.6	20.8	26	+1	16	+2	57	0	0	2
QUSEIR	00	8	28	3	0	0	—	14.0	-2.5	21.0	26	0	19	+1	65	0	0	3
PORT SÛDÂN	01	9	30	4	8	4	8	12		27					70	1	125	55
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	2	0	1	1	16		16					69	0	0	—
KAREIMA	00	8	02	3	0	0	—	14		20					53	0	dr.	1
'ATBARA	00	7	28	4	0	0	—	12		22					41	0	dr.	2
KHARTÛM	00	8	32	3	0	0	—	13		21					33	0	2	4
KASSALA	00	8	00	0	0	0	—	10		23					74	0	1	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	32	4	0	0	—	12		20					35	0	15	12
RENK	00	9	30	3	0	0	—			23		—		—	27	—	—	48
ROSEIRES	00	8	24	1	0	0	—	12		20					46	0	21	36
EL OBEID	00	9	30	3	0	0	—	14		18					34	0	69	16
EL FÂSHER								—	—							0	4	6
GENEINA								—	—			—		—			—	4
KADUGLI	00	8	04	4	0	1	1	11		24		—		—	21	—	—	88
S. SÛDÂN																		
MALAKÂL	01	8	02	4	1	3	1	11		22					41	0	112	86
WÂU	01	8	32	4	0	4	4	11		22					50	0	159	142
JUBA	02	8	14	2	1	5	4,5	10		24					61	0	212	124

UPPER WINDS ON 29th (الرياح العليا يوم ٢٩)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour

MATRÛH h. m.	MARIUT 7h. m.	PORT SA'ÎD 7h.15m.	HELWÂN h. m.	MINYA h. m.	ASYÛT h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI HALFA 7h.15m.	ABU HAMAD h. m.	KAREIMA 7h. m.	KHARTÛM h. m.
	03 36 05	03 02 15						09 01 35		09 04 50	
	06 34 05	06 02 15						15 02 05		15 03 35	
	09 30 10	09 01 15						21 03 15		21 36 15	
	15 30 10	12 36 15						27 31 10		27 36 15	
	21 25 10	15 35 05						33 30 30		33 35 15	
	27 28 15	18 32 05						39 28 30		39 36 10	
	30 24 15	21 20 05									
		24 16 10									
		27 16 15									

KASSALA 7h. m.	PORT SÛDÂN h. m.	EL OBEID 7h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL 7h. m.
09 05 15		09 01 40			09 01 50
15 08 20		15 03 40			15 01 65
21 13 05		21 01 20			27 03 40
		27 35 10			33 04 35
		33 28 05			45 03 30

CYPRUS SYNOPTIC 8h. ON 29th

34710 01974 28204 17150 90507 00130
34820 01822 20213 18150 68303 00110

UPPER AIR TEMP. ALMÂZA AT 06 G.M.T. ON 29th

HEIGHT feet	P.P.P m.b.	TT °F	tt °F
Surface	1008	57	57
500	990	61	59
1000	972	60	58
1500	954	58	56
2000	937	56	54
4000	871	49	48
6000	808	43	39
8000	749	36	31
10000	693	31	25
12000	641	30	24
14000	592	20	18
16000	546	15	13

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

ANNUAL SUBSCRIPTION P.T. 150

CAIRO — Time of Sunrise h. 6 m. 53 — Sunset h. 16 m. 55

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month November 1946 — شهر نوفمبر 1946

At 14h. on Friday 29th — الساعة ١٤ يوم ٢٩/١١

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 8-14h. mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	02	9	28	3	1	7	8	18.4	20.2	62	0	131
MARIUT	02	8	29	2	2	7	8	17	21	65	0	150
ALEXANDRIA	02	9	32	2	2	5	6	17.4	20.0	69	0	132
DAMIETTA	01	8	28	2	1	4	9	16.4	21.2	66	0	159
PORT SA'ÎD	02	8	32	3	2	6	9	16.4	23.2	61	0	134
EL 'ARÎSH	00	9	28	3	0	3	8	15.8	22.0	71	0	135
LOWER EGYPT												
DAMANHÛR	01	7	04	3	1	3	8	17.5	22.3	48	0	136
MANSÛRA	01	8	30	1	1	4	8	17.0	24.2	47	0	137
ṬANṬA	02	8	32	2	1	5	9	16.4	23.4	63	0	138
ZAGAZIG	01	6	24	3	0	4	8	16.8	25.0	54	0	139
SHEBÎN EL KÔM	01	8	02	3	1	4	8	17.4	25.1	48	0	
MIDDLE EGYPT												
CAIRO ALMÂZA	02	8	30	1	1	5	8	16.1	23.1	57	0	141
CAIRO EZBEKÎYA	05	7	28	3	1	4	8	16.6	24.1	52	0	
CAIRO GÎZA	01	7	02	2	1	4	4	16.6	22.8	56	0	
ḤELWÂN	01	8	30	3	1	4	8	16.0	22.2	51	0	143
SUEZ	01	9	32	1	1	4	8	15.9	24.0	53	0	144
UPPER EGYPT												
FAIYÛM	01	8	32	3	1	4	8	16.3	23.8	47	0	153
MINYA	01	8	32	4	1	4	8	15.6	25.0	48	0	154
ASYÛT	00	9	28	1	0	0	—	15.4	24.8	46	0	155
NAG' ḤAMÂDI	00	8	00	0	0	0	—	14.2	26.1	48	0	164
QENA	00	8	24	3	0	0	—	13.1	24.6	47	0	156
LUXOR	00	7	22	2	0	0	—	14.0	27.0	50	0	157
ASWÂN												158
WESTERN DESERT												
SÎWA	00	8	28	4	0	0	—	20.0	23.0	47	0	148
BAHARÎYA												149
KHÂRGA	00	9	32	2	0	0	—	15.4	24.2	43	0	151
DAKHLA	00	9	28	2	0	0	—	14.2	23.8	58	0	152
RED SEA												
ṬÔR	00	7	28	4	0	0	—	14.0	24.9	84	0	145
HURGHÂDA	00	8	30	2	0	0	—	13.0	24.6	47	0	146
QUSEIR	00	8	32	3	0	0	—	13.9	25.6	60	0	147
PORT SÛDÂN	00	7	04	4	1	3	8,4	10	28	74		208
NORTH SÛDÂN												
WÂDI HALFA	00	8	02	2	0	2	1	13	25	32		165
KAREIMA	00	8	02	1	0	0	—	10	29	43		166
'ATBARA	00	8	30	3	0	0	—	8	31	33		167
KHARTÛM	00	8	30	3	0	0	—	9	29	23		209
KASSALA	00	8	28	1	0	0	—	4	36	31		170
CENTRAL SÛDÂN												
WAD MEDANI	00	8	28	4	0	0	—	7	24	38		171
RENK	00	9	30	3	0	0	—		32	23		182
ROSEIRES	00	8	28	1	0	0	—	7	39	13		172
EL OBEID	00	8	32	4	0	0	—	3	29	13		174
EL FÂSHER	00	9	26	3	0	0	—	—	27	23		175
GENEINA	00	8	02	3	0	0	—	—	29	17		179
KADUGLI	00	8	04	3	0	1	—	6	33	20		187
S. SÛDÂN												
MALAKÂL	00	8	02	3	0	1	1	6	32	26		176
WÂU	00	8	32	4	0	3	1	6	32	26		177
JUBA	02	8	26	3	1	7	4,4	8	28	45		178

At 20h. on 29th — الساعة ٢٠ يوم ٢٩ جمعة

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 14-20h. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	02	8	24	3	6	5	9	19.2	16.2	60	7
MARIUT	02	7	32	1	2	6	8,4	18	19	72	0
ALEXANDRIA	02	6	28	2	2	7	6	18.6	20.0	55	0
DAMIETTA	50	7	28	1	5	4	9	17.0	18.7	75	dr
PORT SA'ÎD	11	5	32	2	5	4	6	17.5	19.8	67	dr
EL 'ARÎSH	01	8	20	3	1	4	9	15.1	18.8	93	0
LOWER EGYPT											
DAMANHÛR	01	6	32	3	1	4	8	16.8	17.3	82	0
MANSÛRA	01	6	04	1	1	3	8	18.4	17.8	82	0
ṬANṬA	01	8	00	0	1	3	9	17.4	17.6	87	0
ZAGAZIG	00	6	32	2	1	0	—	19.4	17.5	75	0
SHEBÎN EL KÔM	00	7	02	2	0	0	—	18.0	19.1	76	0
MIDDLE EGYPT											
CAIRO ALMÂZA	01	7	02	1	1	3	6	17.8	15.1	78	0
CAIRO EZBEKÎYA	01	6	32	2	1	4	4	17.9	18.8	77	0
CAIRO GÎZA	01	8	32	1	0	3	4	18.2	18.1	75	0
ḤELWÂN	00	7	32	3	0	1	4	17.5	19.0	63	0
SUEZ	01	9	32	1	1	4	3	17.8	19.2	74	0
UPPER EGYPT											
FAIYÛM	01	8	32	1	1	4	8	17.6	18.9	64	0
MINYA	00	8	32	3	1	0	—	16.0	19.0	72	0
ASYÛT	00	6	28	1	0	0	—	16.3	20.0	56	0
NAG' ḤAMÂDI	00	8	00	0	0	0	—	15.4	19.4	68	0
QENA	00	6	24	2	0	0	—	14.0	19.4	68	0
LUXOR	00	6	32	1	0	0	—	14.6	21.2	40	0
ASWÂN	00	9	00	0	0	0	—	14.0	22.0	43	0
WESTERN DESERT											
SÎWA	03	8	00	0	2	8	5	20.0	20.3	54	0
BAHARÎYA											
KHÂRGA	00	9	32	2	0	0	—	15.6	18.4	78	0
DAKHLA	00	7	28	2	0	0	—				
RED SEA											
ṬÔR	00	7	28	2	0	0	—	14.2	18.8	89	0
HURGHÂDA	00	8	28	3	0	0	—	13.8	20.4	74	0
QUSEIR	00	8	32	2	0	0	—	13.1	20.2	66	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 29th — الرياح العليا يوم ٢٩

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ID	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13 h. 05 m.	13 h. 45 m.	13 h. m.	13 h. 45 m.	13 h. m.	13 h. m.	13 h. 45 m.
							09 34 15	09 01 10	09 35 15	09 30 10	09 01 15	09 02 30	09 03 25
							15 03 05	15 33 05	15 01 15	15 28 10	15 36 20	15 05 25	12 05 30
							21 31 05	21 34 30	21 37 15	21 02 05	21 32 10	21 04 30	15 06 30
							27 23 10	27 32 30	24 26 10		27 29 10	27 02 30	
							39 25 20	39 30 25	30 27 30		29 36 05	39 02 30	
											05 15 10	05 02 30	

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day: Humidity % on 29th	Humidity Diff from normal	Wet Bulb Temp °C on 29th	Wet Bulb Temp Diff from normal
Alexandria	60	-8	16.3	+1.5
Ezbekîya	75	+6	16.5	+3.0
Gîza	76	+4	16.4	+2.8
Helwân	67	+10	15.7	+2.7

GÎZA — GRASS MINIMUM TEMP. ON 30th 8.0° C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 30th 20.1° C

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	30-11	2141	2083
	29-11	2141	2083

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser					
Malakâl	11	12.91	+0.68	12.91	+0.68
J. Aulia Res.					
J. Aulia D.S					
Roseires		10.14	+0.70	10.18	+0.70
Sennar Res.				20.59	—
Khartûm				12.35	0.23
Kh. el Girba					
'Atbara				11.61	+0.39
Kajnarti		125.29	+0.67	125.94	+0.68
Aswân Res.		118.96	—	118.89	—
Aswân D.S		87.07	+0.33	87.07	+0.49
Roda (Cairo)	30	16.78	+0.36	16.81	+0.35

Printed by the Survey of Egypt, 1945. (45/306)

At 8h. on Saturday 30th — الساعة ٨ يوم السبت ٣٠

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm. °C	Minimum Today °C mm	Minimum Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	Total From Oct. 1 mms	Norm. From Oct. 1 mms
MEDITERRANEAN																		
SALÛM													—	—				20
MATRÛH	01	9	20	3	6	4	8	20.8	+2.8	20.1	21	-1	15	+2	48	9	29	29
MARIUT	81	7	04	2	8	6	9	19	—	17	23	—	14	—	88	10	28	33
ALEXANDRIA	02	8	28	4	6	5	9	19.5	+1.1	18.6	22	-1	16	+1	72	13	20	30
DAMIETTA	01	7	16	1	1	5	4	18.2	+0.8	19.9	23	—	16	—	74	dr	dr	21
PORT SA'ID	01	8	30	4	1	4	9	18.2	+1.0	19.8	26	+3	18	+3	74	dr	4	15
EL 'ARÎSH	01	9	16	2	6	4	8	17.6	-0.5	18.4	25	+2	12	+1	80	4	4	17
LOWER EGYPT																		
DAMANHÛR	01	6	24	2	1	4	8	18.7	+0.2	16.0	24	0	13	+1	87	0	02	15
MANSÛRA	01	8	12	1	1	4	6	18.7	+0.8	18.2	25	+1	14	+2	74	0	1	9
ṬANṬA	00	8	00	0	0	0	—	18.8	+0.2	15.1	24	0	11	0	92	0	dr	7
ZAGAZIG	00	6	24	2	0	0	—	19.4	+1.0	16.0	27	+3	13	+2	89	0	dr	6
SHEBÎN EL KÔM	00	8	22	1	0	0	—	19.4	+1.0	13.9	28	—	13	—	92	0	dr	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	00	0	0	2	8	19.2	+0.8	15.5	24	—	14	—	84	0	dr	—
CAIRO EZBEKÎYA	09	6	00	0	0	0	—	19.4	+1.2	17.0	25	+1	13	+1	78	0	dr	3
CAIRO GÎZA	00	7	00	0	0	0	—	19.6	+1.4	15.9	24	+1	10	0	88	0	dr	5
ḤELWÂN	09	6	00	0	0	0	—	19.6	+0.9	15.2	23	0	13	+1	87	0	dr	3
SUEZ	01	9	32	1	1	4	3	19.5	+2.0	16.6	25	+1	15	+2	83	0	dr	5
UPPER EGYPT																		
FAIYÛM	09	6	00	0	1	2	8	19.8	+1.3	15.5	24	-1	12	+1	88	0	dr	0
MINYA	00	8	20	2	0	0	—	19.2	+0.4	16.9	25	+1	12	+1	71	0	dr	—
ASYÛT	00	7	22	1	0	0	—	19.1	+0.4	15.5	27	+3	12	+2	79	0	0	1
NAG' ḤAMÂDI	00	8	00	0	0	0	—	17.5	+0.2	16.3	27	—	14	—	78	0	0	—
QENA	00	7	24	2	0	0	—	16.8	-0.7	17.0	26	-2	13	+2	72	0	0	—
LUXOR	00	7	28	2	0	0	—			20.0	29	+1	11	+1	47	0	0	—
ASWÂN	00	9	32	1	0	0	—	16.4	-0.4	18.4	28	0	15	+1	65	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	23.1	+3.6	16.2	24	0	13	+6	77	0	0	1
BAHARÎYA																	0	2
KHÂRGA	00	9	32	3	0	0	—			18.0	25	-2	15	+5	62	0	0	—
DAKHLA	00	8	28	2	0	0	—	20.2	+1.3	16.0	24	-1	14	+5	64	0	0	—
RED SEA																		
ṬÔR	00	7	04	2	0	0	—	14.6	-2.0	18.2	27	+2	15	+2	95	0	0	3
HURGHÂDA	00	8	26	3	0	0	—	15.5	-1.2	20.7	26	+1	16	+3	66	0	0	2
QUSEIR	00	8	30	3	0	0	—	14.6	-2.0	20.7	26	0	19	+1	66	0	0	3
PORT SÛDÂN	01	7	20	4	1	5	6,4	12		27					70	0	125	57
NORTH SÛDÂN																		
WÂDI HALFA	00	8	22	2	0	0	—	17		17					68	0	0	—
KAREIMA	00	9	02	1	0	0	—	14		19					37	0	dr	1
'ATBARA	00	8	30	3	0	0	—	12		22					44	0	dr	2
KHARTÛM	00	8	32	3	0	0	—	12		21					35	0	2	4
KASSALA	00	8	00	0	0	0	—	9		24					65	0	1	3
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	28	4	0	0	—	12		20					43	0	15	12
RENK	00	9	30	3	0	0	—	11		21	—			—	35	—	—	48
ROSEIRES	00	8	28	1	0	0	—	12		22					38	0	21	36
EL OBEID	00	9	30	4	0	1	1	14		18					37	0	49	16
EL FÂSHER								—	—								4	6
GENEINA								—	—		—			—			—	4
KADUGLI	00	8	28	4	0	0	—	12		22	—			—	31	—	—	68
S. SÛDÂN																		
MALAKÂL	00	8	04	2	0	0	—	11		23					41	0	112	86
WÂU	01	8	32	3	0	4	4,1	12		20					49	0	159	142
JUBA	02	8	14	2	1	5	1	11		21					83	0	212	124

UPPER WINDS ON 30th — الرياح العليا يوم ٣٠

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ID	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	7 h. 45 m.	h. m.	9 h. 45 m.	h. m.	7 h. m.	h. m.	7 h. m.	7 h. 45 m.	h. m.	7 h. m.	6 h. m.
	02 01 15		02 32 10		02 35 15		02 36 15	09 01 40		09 03 60	09 34 30
	06 34 25		05 39 30		05 36 25		05 02 25	15 08 05		15 04 65	15 33 15
			08 35 30		10 02 35		10 01 15	21 34 15		21 04 35	24 34 05
			10 25 30				15 01 10	27 39 30		27 32 05	30 27 10
			15 35 30				20 35 20	33 37 35		33 09 10	05 23 [illegible]
			20 34 15				25 36 25			39 15 05	
			25 25 15				30 28 15				
			30 02 10								
			40 33 30								

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. m.	7 h. m.	7 h. 45 m.	h. m.	h. m.	7 h. 45 m.
09 14 25	06 02 40	09 36 35			09 02 35
15 03 25		15 02 40			15 02 30
21 03 30		21 02 25			21 04 35
27 03 30		27 05 10			27 04 30
		33 28 15			33 03 05
					39 05 15

CYPRUS SYNOPTIC 8h. ON 30th

38723	01972	27222	18151	20404	00120	
34886	01854	26224	17440	60303	00120.	

UPPER AIR TEMP. ALMÂZA AT 6h G.M.T ON 30th

HEIGHT FEET	P.P.P m.b.	T.T °F	t.t °F
Surface	1010	57	56
500	992	61	57
1000	974	59	57
1500	956	57	55
2000	939	56	53
4000	872	50	46
6000	809	42	38
8000	750	32	30
10000	695	30	27
12000	642	26	21
14000	593	18	16
16000	547	14	12

ANNUAL SUBSCRIPTION P.T. 150

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.

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 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 AMOUNT (N)

Clear 0
Trace 1
1 Tenth 2
2, 3 Tenths 3
4, 5, 6 Tenths 4
7, 8 Tenths 5
9 Tenths 6
Over 9 Tenths 7
Overcast 8
Fog or Dust 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

CAIRO
Time of Sunrise 6h 33m
Sunset 18h 17m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month ~~December~~ November 1946 — شهر نوفمبر ١٩٤٦

1417 F.C.

At 14h. on Saturday 30-11 — الساعة ١٤ يوم ٣٠-١١

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 8-14h. mms	STATION NUMBER
MEDITERRANEAN: SALÛM												130
MATRÛH	01	9	28	3	1	4	8	20.3	21.0	57	0	131
MARIUT	01	7	31	3	1	4	9,4	19	22	50	0	150
ALEXANDRIA	01	9	32	3	5	4	8	19.5	21.0	51	2	132
DAMIETTA	01	8	30	3	6	4	9	17.9	21.0	60	1	159
PORT SAÎD	14	8	30	5	5	4	9	17.8	21.3	66	tr	134
EL 'ARÎSH	01	9	30	4	0	4	8	16.7	21.9	68	0	135
LOWER EGYPT: DAMANHÛR	01	7	28	3	5	4	4	19.5	21.0	59	tr	136
MANSÛRA	60	8	32	3	6	4	9	18.6	21.2	67	4	137
TANTA	01	8	28	3	1	5	9	18.4	21.0	60	0	138
ZAGAZIG	20	6	24	2	8	5	7	18.7	21.2	67	tr	139
SHEBÎN EL KÔM	01	8	30	3	2	4	8	19.0	22.3	59	0	
MIDDLE EGYPT: CAIRO ALMAZA	01	8	32	2	1	4	6	17.6	23.0	58	0	141
EZBEKÎYA	01	8	28	2	1	4	8	18.2	23.0	51	0	
GÎZA	01	8	02	3	1	4	8	18.0	22.9	49	0	
HELWÂN	01	8	28	4	1	4	8	17.9	21.2	47	0	143
SUEZ	01	9	30	1	1	4	3	17.4	23.2	44	0	144
UPPER EGYPT: FAIYÛM	01	8	32	3	1	4	8	18.0	23.3	43	0	153
MINYA	01	8	32	4	1	4	8	17.9	24.0	39	0	154
ASYÛT	01	8	26	2	1	4	8	17.1	22.5	39	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	15.2	25.0	45	0	164
QENA	00	7	24	2	0	2	1	13.9	25.0	47	0	156
LUXOR	00	7	30	2	0	0	—	15.4	27.0	37	0	157
ASWÂN	00	9	30	2	0	0	—	14.2	26.0	30	0	158
WESTERN DESERT: SÎWA	00	7	28	5	0	0	—	21.9	23.0	59	0	148
BAHARÎYA	01	9	00	0	1	4	—	16.4	25.0	61	0	149
KHÂRGA	00	9	32	1	0	0	—	15.1	23.0	34	0	151
DAKHLA	00	9	28	2	0	0	—	15.5	24.0	58	0	152
RED SEA: TÔR	00	7	28	4	0	0	—	14.2	24.9	83	0	145
HURGHADA	00	8	32	5	0	0	—	13.1	24.6	53	0	146
QUSEIR	00	8	32	4	0	0	—	13.8	25.3	62	0	147
PORT SÛDÂN	21	8	02	4	8	6	8,4	11	28	79		208
NORTH SÛDÂN: WÂDI HALFA	00	8	28	2	0	1	1	14	26	30		165
KAREIMA	00	8	32	1	0	0	—	11	30	24		166
'ATBARA	00	8	28	3	0	3	8	7	37	20		167
KHARTÛM	00	8	30	3	0	0	—	9	31	26		209
KASSALA	00	8	32	2	0	0	—	4	37	17		170
CENTRAL SÛDÂN: WAD MEDANI	00	8	28	4	0	0	—	7	33	19		171
RENK	00	9	28	3	0	0	—		32	26		182
ROSEIRES	00	8	30	2	0	0	—		36	22		172
EL OBEID	00	9	30	4	0	1	1	9	29	11		174
EL FASHER	00	9	32	3	0	2	1	—	27	23		175
GENEINA												179
KADUGLI	00	8	04	4	0	0	—	9	32	24		187
S. SÛDÂN: MALAKÂL	00	8	32	3	0	2	1	7	32	17		176
WÂU	02	8	32	3	1	5	4	7	31	29		177
JUBA	52	8	04	2	5	8	9,4	10	26	62		178

At 20h. on 30-11 — الساعة ٢٠ يوم السبت ٣٠-١١

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 14-20h. mms
MEDITERRANEAN: SALÛM											
MATRÛH	02	8	02	2	1	5	8	22.2	19.6	63	0
MARIUT	01	7	32	1	1	4	8	21	18	73	3
ALEXANDRIA	01	6	32	2	2	4	8	21.5	19.6	58	0
DAMIETTA	00	7	28	1	1	0	—	19.2	18.8	60	0
PORT SAÎD	00	8	30	4	0	2	8	19.6	19.7	63	0
EL 'ARÎSH	02	8	20	1	6	6	9	18.6	16.8	98	5
LOWER EGYPT: DAMANHÛR	01	6	28	3	1	4	4	20.3	16.6	82	0
MANSÛRA	61	6	32	1	1	3	8	20.4	16.8	72	0
TANTA	00	8	32	1	1	0	—	20.3	15.7	84	0
ZAGAZIG	01	6	24	2	2	3	8	20.4	18.0	75	0
SHEBÎN EL KÔM	00	7	30	2	1	2	8	20.6	16.2	74	0
MIDDLE EGYPT: CAIRO ALMAZA	01	7	31	1	2	5	6	20.3	18.5	75	0
EZBEKÎYA	02	7	30	1	2	8	8	20.2	19.2	63	tr
GÎZA	01	8	02	1	2	2	8	20.8	17.5	75	tr
HELWÂN	00	7	32	3	0	0	—	20.4	18.8	62	0
SUEZ	00	9	30	1	0	0	—	18.9	18.6	72	0
UPPER EGYPT: FAIYÛM	01	8	32	1	1	4	8	20.4	18.3	68	0
MINYA	00	8	32	2	1	0	—	19.6	19.3	52	0
ASYÛT	00	6	22	1	1	0	—	19.1	18.3	60	0
NAG' HAMÂDI	00	8	00	0	0	0	—	17.4	18.1	60	0
QENA	00	6	24	2	0	0	—	16.2	18.0	60	0
LUXOR	00	6	28	3	0	0	—	16.3	21.7	28	0
ASWÂN	00	9	32	3	0	0	—	16.3	22.0	36	0
WESTERN DESERT: SÎWA	00	5	00	0	0	0	—	22.7	17.4	59	0
BAHARÎYA	00	—	00	0	0	0	—		19.2	70	0
KHÂRGA	00	9	32	1	0	0	—		18.9	58	0
DAKHLA	00	7	28	2	0	0	—	17.8		73	0
RED SEA: TÔR	00	7	28	4	0	0	—		24.3?	91	0
HURGHADA	00	8	28	4	0	0	—	15.5	20.3	49	0
QUSEIR	00	8	32	3	0	0	—	14.4	24.2	61	0
PORT SÛDÂN											
NORTH SÛDÂN: WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN: WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FASHER											
GENEINA											
KADUGLI											
S. SÛDÂN: MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 30-11 — الرياح العليا يوم ٣٠-١١

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SAÎD	ALMAZA	MINYA	LUXOR	HURGHADA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13 h. 45 m.	18 h. 45 m.	13 h. m.	13 h. 45 m.	13 h. m.	13 h. 45 m.	13 h. m.
	03 36 20		03 36 15				09 25 20	09 02 20	09 36 35	09 34 05	09 01 30	09 03 20	09 10 30
	06 35 30		06 33 20				15 04 30	15 01 25	15 34 30	15 30 10	15 36 25	15 02 25	15 08 25
	09 35 25		09 02 20				21 29 50	21 26 20	21 35 20	21 27 30	21 39 05	21 09 30	
	12 34 30		12 35 15				27 29 15	27 35 20	27 32 10	24 26 05	27 35 20		
	15 32 30		15 04 20				33 29 25	33 35 20	33 34 25		33 34 20		
							39 27 45	39 35 15	39 35 35		39 19 15		

Remarks

Hours are Egyptian standard time, long 30 E. and are two hours fast on Greenwich mean time

STATION	Noon of day: HUMIDITY % on 30-11	Diff from normal	WET BULB TEMP °C on 30-11	Diff from normal
Alexandria	61	-4	15.3	+0.6
Ezbekiya	64	-5	15.6	+2.2
Giza	75	+3	15.4	+1.9
Helwân	69	+12	14.8	+2.0

GÎZA — GRASS MINIMUM TEMP. ON 1st 7.0° C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 1st 19.9° C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser					
Malakâl				12.91	+0.64
J. Aulia Res.				376.97	—
J. Aulia D.S				372.83	+0.39
Roseires				14.44	+0.70
Sennar Res.					
Khartûm				12.11	+0.31
Kh. el Girba					
'Atbara				11.58	+0.39
Kajnarti				135.89	+0.67
Aswân Res.		119.02	—	118.96	—
Aswân D.S		87.08	+0.15	87.07	+0.32
Roda (Cairo)		16.76	+0.08	16.78	+0.36

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	1-12	2141	2083
	30-11	2141	2083

At 8h. on Sunday 1st — الساعة ٨ يوم الأحد أول

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	Diff. from norm. °C	MINIMUM Today °C mm	Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct. 1 mms
MEDITERRANEAN: SALÛM													—	—				21
MATRÛH	01	9	20	2	2	0	—	21.5	+3.5	15.2	21	0	13	0	73	0	29	39
MARIUT	02	7	28	2	2	6	6,4	21	—	19	22	—	18	—	56	3	29	35
ALEXANDRIA	02	9	32	2	2	7	5	21.8	+3.4	19.4	23	0	16	+2	57	4	24	40
DAMIETTA	01	8	28	2	1	3	6	20.3	+2.9	19.2	23	—	17	—	53	1	1	21
PORT SAÎD	01	8	30	4	1	4	6	20.2	+3.0	21.3	25	+2	18	+3	53	tr	tr	15
EL 'ARÎSH	00	9	27	2	6	3	8	19.5	+1.3	20.8	25	+2	16	+5	56	6	10	17
LOWER EGYPT: DAMANHÛR	03	6	28	2	2	8	5	20.2	+1.7	17.2	22	-1	14	+2	68	tr	42	16
MANSÛRA	02	8	02	1	2	5	9	20.8	+2.8	17.0	23	-1	15	+3	88	4	5	9
TANTA	02	8	30	1	1	5	9	20.8	+2.2	15.6	23	-1	11	+1	77	0	tr	8
ZAGAZIG	02	6	24	1	2	6	8	21.2	+2.7	15.0	21	-3	12	+1	87	tr	tr	7
SHEBÎN EL KÔM	01	7	30	1	1	4	8	20.4	+3.0	15.2	26	—	12	—	75	0	0	—
MIDDLE EGYPT: CAIRO ALMAZA	02	7	00	0	1	5	8	21.3	+3.1	14.9	24	—	12	—	80	0	tr	—
EZBEKÎYA	05	6	00	0	1	6	8	21.5	+3.3	15.6	25	+1	12	0	75	tr	tr	4
GÎZA	01	7	32	1	1	5	6	21.5	+3.2	15.3	24	+1	10	0	74	tr	tr	6
HELWÂN	05	5	00	0	1	5	6	21.5	+2.7	15.1	22	-1	13	+1	70	0	tr	4
SUEZ	00	9	12	1	0	0	—	21.6	+4.1	17.8	24	0	13	0	67	0	tr	6
UPPER EGYPT: FAIYÛM	01	8	30	2	1	3	8	20.4	+1.8	15.0	23	-1	11	+1	72	0	tr	0
MINYA	00	8	32	2	0	0	—	21.4	+2.5	16.4	24	0	13	+2	73	0	tr	—
ASYÛT	00	7	22	1	0	0	—	20.6	+1.9	15.5	25	+1	12	+2	71	0	0	2
NAG' HAMÂDI	00	8	00	0	0	0	—	19.4	+2.0	17.9	26	—	12	—	67	0	0	—
QENA	00	7	24	3	0	0	—	18.2	+0.4	15.7	27	0	12	+1	67	0	0	—
LUXOR	00	7	28	1	0	0	—	18.6	+1.3	19.4	28	~~-1~~	14	~~+4~~	51	0	0	—
ASWÂN	00	9	32	3	0	0	—	18.3	+0.9	18.0	26	-2	14	0	56	0	0	—
WESTERN DESERT: SÎWA	00	7	00	0	0	0	—	23.2	+3.7	13.0	24	0	8	+1	89	0	0	1
BAHARÎYA	00	9	00	0	0	0	—	20.7	+1.4	17.0	26	+2	12	+3	70	0	0	2
KHÂRGA	00	9	32	2	0	0	—	18.3	+0.1	16.0	24	-2	13	+3	69	0	0	—
DAKHLA	00	8	28	1	0	0	—	21.6	+2.7	14.5	24	-1	12	+3	72	0	0	—
RED SEA: TÔR	00	7	04	3	0	0	—	15.0?	-1.7	17.7	25	0	14	+2	96	0	0	4
HURGHADA	00	8	26	4	0	0	—	17.4	+0.6	19.6	26	+1	16	+2	68	0	0	2
QUSEIR	00	8	30	3	0	0	—	16.2	-0.4	21.2	26	0	19	+1	58	0	0	3
PORT SÛDÂN	01	9	30	4	1	4	8,4	13		27					74	tr	135	58
NORTH SÛDÂN: WÂDI HALFA	00	8	30	2	0	3	2	18		16					56	0	0	—
KAREIMA	01	8	02	2	1	4	1	15		19					40	0	tr	1
'ATBARA	00	8	28	4	0	0	—	12		23					36	0	tr	2
KHARTÛM	00	8	32	4	0	0	—	13		22					41	0	2	4
KASSALA	00	8	00	0	0	0	—	10		24					69	0	1	8
CENTRAL SÛDÂN: WAD MEDANI	00	9	30	2	0	0	—	12		21					42	0	15	12
RENK	00	9	32	1	0	0	—	10		22		—		—	44	—	—	49
ROSEIRES	00	8	32	2	0	0	—	13		22					44	0	21	36
EL OBEID	00	9	30	3	0	0	—	14		18					37	0	69	16
EL FÂSHER	01	9	32	2	1	3	1	—	—	15					52	0	4	6
GENEINA	02	8	31	4	1	5	2	—	—	16		—		—	42	—	—	4
KADUGLI	00	8	28	3	0	0	—	11		23		—		—	34	—	—	29
S. SÛDÂN: MALAKÂL	00	8	04	3	0	1	4	12		23					47	0	112	87
WÂU	01	8	32	5	1	5	4	11		21					53	0	159	142
JUBA	00	8	12	2	1	4	4	12		23					84	0	212	125

UPPER WINDS ON 1st — الرياح العليا يوم أول

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour

MATRÛH	MARIUT	PORT SAÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	7 h. m.	6 h. 45 m.	9 h. 15 m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. 30 m.	7 h. m.	7 h. m.	7 h. m.
	03 32 25	03 34 20	00 32 10	03 01 40	02 36 20	03 34 10	02 36 20	09 02 35	09 06 30	09 04 45	09 02 55
	06 33 25	06 39 20	02 30 10	06 02 45	05 01 25	06 01 05	05 01 25	15 36 10	15 08 30	15 04 25	15 03 50
	09 34 20	09 34 20	05 35 45	09 01 20	10 03 20	09 03 20	10 31 20	21 07 05	21 10 05	21 07 10	21 35 15
	12 35 20	12 35 10	08 01 30	12 35 30		12 01 15	15 31 05	27 27 15	27 05 05	33 34 05	24 34 15
			10 01 35	15 35 20		15 01 35	20 29 10	33 30 20	33 30 05	39 02 10	27 33 20
			15 03 40	18 03 20		18 02 15	25 01 05	39 33 30	39 15 10		
			18 03 40	21 01 30		21 01 15	30 33 10				
				27 01 35		24 33 15					
				30 01 35							

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6 h. 45 m.	7 h. m.	7 h. m.	h. m.	h. m.	7 h. m.
09 04 15	09 07 20	09 02 50			09 04 40
15 03 20	15 02 20	15 07 35			15 03 55
21 06 35	21 02 20	21 36 05			21 02 65
27 09 05	27 04 20	27 34 05			24 02 60
	33 04 20	33 31 05			
		39 08 05			

UPPER AIR TEMP. ALMAZA AT 6h G.M.T. ON 1st

HEIGHT feet	P.P.P. m.b.	T.T. °F	t.t. °F
Surface	1012	54	43
500	994	57	57
1000	976	62	55
1500	958	60	54
2000	941	56	52
4000	874	46	44
6000	811	48	34
8000	752	43	39
10000	696	37	26
12000	644	30	26
14000	595	23	21
16000	548	16	16

CYPRUS SYNOPTIC 9h. ON 1st

34720 00972 000 12 20130 70407 00110
34834 01963 202 14 20120 96202 00100

WIND FORCE (F)

	A.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	55-66	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.

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 ... 08
Distant Fog ... 09
Rain in sight ... 10
Thunder, no rain ... 11
Distant Duststorm ... 12
Squally ... 14
Slight Dustatorm ... 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

VIBIBILITY (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 AMOUNT (N)

Clear ... 0
Trace ... 1
1 Tenth ... 2
2, 3 Tenths ... 3
4, 5, 6 Tenths ... 4
7, 3 Tenths ... 5
8 Tenths ... 6
Over 9 Tenths ... 7
Overcast ... 8
Fog or Dust ... 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

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ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise h. 06 m. 34
Sunset h. 16 m. 55

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month DECEMBER 1946 — شهر ديسمبر ١٩٤٦

At 14h. on SUNDAY 1st — الساعة ١٤ يوم الأحد ١

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	Temp. °C (ttt)	% Humidity (uu)	Rain 8-14h. mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	01	9	30	3	0	4	8	20.2	20.6	53	0	131
MARIUT	02	7	28	2	2	7	4,2	20	21	53	0	150
ALEXANDRIA	02	9	04	2	2	5	4	20.3	20.9	56	0	132
DAMIETTA	00	8	28	3	1	2	8	19.0	20.9	44	0	159
PORT SA'ÎD	02	8	30	2	2	5	8	19.2	22.0	53	0	134
EL 'ARÎSH	00	9	28	3	0	0	—	18.4	21.8	56	0	135
LOWER EGYPT												
DAMANHÛR	02	7	32	3	2	5	4	19.8	20.7	52	0	136
MANSÛRA	01	8	32	1	1	4	6	19.2	22.0	58	0	137
TANTA	02	8	32	2	1	5	6	19.1	21.4	54	0	138
ZAGAZIG	01	6	24	2	1	4	8	19.1	22.0	56	0	139
SHEBÎN EL KÔM	01	8	14	3	2	4	8	19.8	23.3	43	0	—
MIDDLE EGYPT — CAIRO												
ALMÂZA	01	8	08	1	1	4	4	18.8	22.2	35	0	141
EZBEKÎYA	01	8	04	3	2	4	8	19.2	22.0	44	0	—
GÎZA	01	8	28	3	1	3	8	19.4	22.3	42	0	—
HELWÂN	00	8	32	3	0	2	8	19.1	21.2	39	0	143
SUEZ	01	9	30	1	1	4	—	18.6	25.3	35	0	144
UPPER EGYPT												
FAIYÛM	01	8	32	3	1	4	8	19.0	23.0	38	0	153
MINYA	00	8	32	4	0	0	—	18.0	23.3	38	0	154
ASYÛT	00	8	30	1	0	0	—	17.1	27.8	39	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	15.1	25.2	46	0	164
QENA	00	8	24	2	0	0	—	14.8	23.3	48	0	156
LUXOR	00	7	30	2	0	0	—	15.8	24.0	40	0	157
ASWÂN	00	9	28	1	0	0	—	14.7	25.0	28	0	158
WESTERN DESERT												
SÎWA	00	8	28	2	0	0	—	21.6	22.0	69	0	148
BAHARÎYA	00	9	00	0	0	0	—		25.0	61	0	149
KHÂRGA	00	9	32	2	0	0	—	15.6	23.2	34	0	151
DAKHLA	00	9	28	1	0	0	—	17.0	23.0	63	0	152
RED SEA												
TÔR	00	7	28	5	0	0	—	15.2	24.9	87	0	145
HURGHADA	00	8	30	4	0	0	—	14.8	24.7	44	0	146
QUSEIR	00	8	32	2	0	0	—	14.7	24.4	69	0	147
PORT SUDÂN	02	8	02	5	6	6	9	11	27	79		188
NORTH SÛDÂN												
WÂDI HALFA	00	8	02	2	0	0	—	14	24	28		165
KAREIMA	01	8	04	2	1	4	1	11	29	31		166
'ATBARA	00	8	28	3	0	3	8	8	31	38		167
KHARTÛM	00	8	30	3	0	1	1	8	32	26		209
KASSALA	00	8	02	2	0	0	—	5	35	37		170
CENTRAL SÛDÂN												
WAD MEDANI	00	8	30	3	0	2	1	6	33	23		171
RENK	00	9	18	3	0	0	—	5	32	36		182
ROSEIRES	00	8	24	1	0	0	—	6	35	25		172
EL OBEID	00	9	30	3	0	1	4	8	29	25		174
EL FÂSHER	00	9	06	2	1	2	1	—	26	25		175
GENEINA	00	8	02	4	0	1	1	—	27	19		179
KADUGLI	00	8	04	4	0	3	1	7	32	17		187
S. SÛDÂN												
MALAKÂL	00	8	02	3	0	0	—	6	33	34		176
WÂU	00	8	04	4	1	0	—	6	32	29		177
JUBA	01	8	32	2	1	4	6	5	33	41		178

At 20h. on 1st — الساعة ٢٠ يوم الأحد ١

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	Temp. °C (ttt)	% Humidity (uu)	Rain 14-20h. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	01	8	00	0	1	4	5	20.2	16.8	68	0
MARIUT	00	7	00	0	1	0	—	20	15	82	0
ALEXANDRIA	01	6	00	0	2	4	8	21.6	18.7	57	0
DAMIETTA	01	7	12	1	1	3	2	19.2	15.5	84	0
PORT SA'ÎD	01	8	32	3	1	3	8	19.5	18.7	68	0
EL 'ARÎSH	00	9	12	3	0	2	8	19.2	16.8	91	0
LOWER EGYPT											
DAMANHÛR	01	6	32	3	1	4	8	19.5	16.2	82	0
MANSÛRA	00	6	32	1	1	0	—	20.2	16.8	70	0
TANTA	00	8	00	0	1	0	—	19.8	14.6	87	0
ZAGAZIG	00	6	32	2	1	0	—	20.4	17.0	70	0
SHEBÎN EL KÔM	00	7	02	2	1	2	8	19.6	16.8	69	0
MIDDLE EGYPT — CAIRO											
ALMÂZA	00	7	06	1	0	2	1	19.8	17.0	66	0
EZBEKÎYA	00	6	02	2	5	3	1	20.4	16.9	68	dz.
GÎZA	01	8	30	1	0	3	1	19.9	17.2	66	0
HELWÂN	00	7	32	4	0	0	—	19.9	17.4	64	0
SUEZ	00	9	00	0	0	0	—	19.5	16.7	62	0
UPPER EGYPT											
FAIYÛM	01	8	00	0	1	4	8	19.1	17.0	61	0
MINYA	01	8	32	2	1	4	—	19.4	17.3	63	0
ASYÛT	00	6	22	1	0	0	—	18.3	15.1	67	0
NAG' HAMÂDI	00	8	00	0	0	0	—	16.6	16.9	69	0
QENA	00	6	24	1	0	0	—	15.6	19.0	56	0
LUXOR	00	—	32	1	0	0	—	16.6	16.8	53	0
ASWÂN	00	9	00	0	0	0	—	15.6	21.0	41	0
WESTERN DESERT											
SÎWA	00	—	00	0	0	0	—	21.4	17.0	74	0
BAHARÎYA	00	8	00	0	0	0	—	19.8	17.0	75	0
KHÂRGA	00	9	32	1	0	0	—	18.4	18.0	44	0
DAKHLA	00	7	28	2	0	0	—	21.5	14.0	76	0
RED SEA											
TÔR	00	7	28	4	0	0	—		23.8	90	0
HURGHADA	00	8	28	4	0	0	—	16.2	20.7	52	0
QUSEIR	00	8	32	2	0	0	—	15.4	23.0	60	0
NORTH SÛDÂN											
CENTRAL SÛDÂN											
S. SÛDÂN											

UPPER WINDS ON 1st — الرياح العليا يوم ١

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ID	ALMÂZA	MINYA	LUXOR	HURGHADA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	13h. m.	12h. 45m.	13h. m.	h. m.	h. m.	h. m.	13h. 15m.	13h. m.	13h. m.	13h. m.	13h. m.	13h. 15m.	13h. m.
	03 01 20	03 34 15	03 36 25				09 02 15	09 01 20	09 36 15	09 36 05	09 03 20	09 06 05	09 02 10
	06 35 15	06 34 15	06 02 15				15 02 10	15 02 20	15 28 10	15 03 05	15 01 30		15 06 25
	09 34 15	09 35 20	09 36 15					21 04 10	21 29 10	21 05 05	21 36 05		21 07 25
	15 35 15	15 35 10	12 36 15					27 08 05	27 31 05		27 22 15		27 10 25
		21 36 30							33 30 10		33 21 15		33 11 20
									39 29 15		39 17 05		39 13 15

UPPER WINDS ON 2nd — الرياح العليا يوم ٢

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ID	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	6 h. 45m.	h. m.	9 h. m.	6 h. 45m.	7 h. m.	7 h. 30m.	7 h. m.	7 h. m.	7 h. 15m.	7 h. m.	7 h. m.
	03 08 10		03 08 20	03 14 50	02 28 10	03 02 15	02 01 15	09 06 20	09 07 30	09 02 35	09 04 40
	06 06 10		05 07 30	06 16 30	05 36 10	06 02 15	05 08 30	15 05 30	15 05 05	15 03 35	15 09 25
	09 02 10		10 08 30	09 16 20	10 17 05	09 10 15	10 09 20	21 06 10	21 13 05	21 03 40	21 15 15
	12 35 10		15 09 15		15 11 05	15 12 05	15 08 05	27 02 10	27 25 15	27 04 25	24 15 20
	15 35 15		20 08 15			21 14 10	20 11 10	33 23 15	33 23 20	33 06 20	
	18 24 10		25 10 10			30 16 10		39 22 20	39 24 25	39 07 25	
	21 33 10		30 09 10			39 21 05					
	End SL		40 23 10								
			50 23 35								

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. m.	7 h. m.	7 h. 45 m.	8 h. m.	h. m.	h. m.
09 05 30	09 04 40	09 30 20	09 03 10		
15 03 20		15 26 30	15 04 10		
21 24 15		21 23 20	21 06 05		
27 21 20		27 24 15	24 08 05		
33 25 15		39 11 10			
39 20 30					
45 21 10					
51 26 25					

UPPER AIR TEMP. ALMÂZA AT 8h. G.M.T. ON 2nd

HEIGHT FEET	P.P.P. m.b.	T °F	T' °F
Surface	1003	61	57
500	990	61	55
1000	972	61	53
1500	954	58	54
2000	937	56	53
4000	871	51	45
6000	808	52	37
8000	749	43	32
10000	693	36	27
12000	641	31	25
14000	592	25	21
16000	546	17	15

CYPRUS SYNOPTIC 8h. ON 2nd

38713 02893 30215 19140 75602 00120
38857 02882 20215 19120 98105 00090

Remarks

Hours are Egyptian standard time, long 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	2nd	2141	2083
	1st	2141	2083

STATION	Mean of day Humidity % on 1st	Humidity Diff from normal	Wet Bulb Temp °C on 1st	Wet Bulb Temp Diff from normal
Alexandria	52	-13	14.6	+0.1
Ezbekiya	65	-4	14.0	+0.8
Giza	63	-9	13.9	+0.6
Helwân	62	+5	13.3	+0.6

GÎZA — GRASS MINIMUM TEMP. ON 2nd 6.5 °C

CAIRO — WATER TEMP. AT 8h. RIVER NILE ON 2nd 19.4 °C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	2nd				
Nâsser					
Malakâl				12.91	+0.65
J. Aulia Res.				376.98	—
J. Aulia D.S				372.81	+0.38
Roseires		114.05	+0.68	14.10	+0.69
Sennar Res.				20.70	—
Khartûm				12.06	+0.28
Kh. el Girba				10.94	+0.37
Atbara				11.56	+0.41
Kajnarti		135.79	+0.67	135.84	+0.66
Aswân Res.		119.08	—	119.02	—
Aswân D.S		87.08	+0.15	87.08	+0.15
Roda (Cairo)		16.72	+0.37	16.76	+0.38

At 8h. on MONDAY 2nd — الساعة ٨ يوم الاثنين ٢

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Pressure M.S.L. 1000+ mbs. (ppp)	Diff. from normal mbs.	Temp. Dry Bulb °C (ttt)	Maximum Yesterday °C (MM)	Maximum Diff. from norm. °C	Minimum Today °C (mm)	Minimum Diff. from norm. °C	% Humidity (uu)	Rainfall Past 24 hrs mms	Rainfall Total From Oct. 1 mms	Rainfall Norm. From Oct. 1 mms
MEDITERRANEAN																		
SALÛM													—				—	22
MATRÛH	02	9	18	3	1	7	5	19.0	+1.0	13.8	22	+1	12	-1	78	0	29	40
MARIUT	03	7	00	0	1	8	4,2	19		16	22	—	14	—	88	0	29	36
ALEXANDRIA	02	8	00	0	2	6	5	19.1	+0.7	16.9	23	0	16	+2	69	0	24	42
DAMIETTA	02	6	00	0	1	5	6	18.4	+0.9	16.2	22	—	14	—	86	0	1	22
PORT SA'ÎD	01	8	18	3	1	4	4	18.6	+1.4	20.6	25	+3	18	+4	69	0	dz.	15
EL 'ARÎSH	01	9	14	2	1	4	5	18.7	+0.5	16.1	24	+1	11	0	75	0	10	17
LOWER EGYPT																		
DAMANHÛR	03	6	24	2	2	8	5	19.1	+0.6	14.2	23	0	12	0	79	0	42	16
MANSÛRA	01	8	04	1	1	4	0	19.1	+1.1	15.5	23	-1	13	+1	80	0	5	10
TANTA	01	8	28	1	1	4	8	18.6	0.0	13.0	23	-1	10	0	94	0	dz.	8
ZAGAZIG	01	6	16	1	0	5	8	18.7	+0.2	15.0	26	+2	11	0	78	0	dz.	7
SHEBÎN EL KÔM	09	6	04	1	2	4	8	19.2	+0.7	13.2	26	—	11	—	86	0	0	—
MIDDLE EGYPT — CAIRO																		
ALMAZA	02	7	00	0	1	5	1	18.5	+0.2	15.6	23	—	11	—	64	0	dz.	—
EZBEKÎYA	09	5	32	1	1	5	8	18.8	+0.5	16.3	24	0	12	0	65	dz.	dz.	4
GÎZA	09	6	32	1	2	6	2	19.0	+0.7	14.2	23	0	9	-1	85	0	tr.	6
HELWÂN	02	6	00	0	2	5	1	18.6	-0.3	15.4	22	0	12	0	73	0	dz.	4
SUEZ	01	9	00	0	1	4	3	19.0	+1.4	14.6	26	+2	12	-1	74	0	dz.	6
UPPER EGYPT																		
FAIYÛM	02	8	32	3	2	6	6	18.4	-0.3	15.1	23	-1	10	0	74	0	dz.	0
MINYA	01	8	32	2	1	4	2	18.4	-0.6	15.1	23	-1	12	+2	77	0	dz.	—
ASYÛT	01	7	24	1	1	4	5	18.6	-0.2	13.1	24	0	9	-1	78	0	0	2
NAG' HAMÂDI	00	8	00	0	0	0	—	17.9	+0.5	15.0	26	—	9	—	68	0	0	—
QENA	01	7	24	2	1	4	3	16.7	-1.2	13.4	26	-1	10	-1	83	0	0	—
LUXOR	00	7	28	2	0	0	—	17.9	+0.5	15.4	26	-2	9	-0	52	0	0	—
ASWÂN	00	9	32	2	0	0	—	17.0	-0.5	16.7	26	-2	14	0	54	0	0	—
WESTERN DESERT																		
SÎWA	03	9	00	0	2	8	5	20.3	+0.8	16.2	23	0	8	+1	90	0	0	1
BAHARÎYA	00	9	32	1	0	0	—	20.2	+0.8	16.0	25	+1	12	+3	74	0	0	2
KHÂRGA	01	9	08	1	1	4	9	17.4	-0.9	15.6	24	-2	11	+1	75	0	0	—
DÂKHLA	01	7	24	2	1	4	4	19.5	+0.5	11.5	23	-2	10	+1	70	0	0	—
RED SEA																		
TÔR	00	7	04	3	0	0	—	17.2	-0.5	16.4	25	+1	12	0	93	0	0	4
HURGHÂDA	01	7	26	4	1	4	—	17.2	+0.3	18.6	25	0	13	0	51	0	0	2
QUSEIR	02	8	28	3	2	5	2	15.9	-0.8	21.0	26	0	19	+1	55	0	0	3
PORT SÛDÂN	81	8	30	4	5	6	9	13		25					61	13	138	59
NORTH SÛDÂN																		
WÂDI HALFA	01	8	04	2	8	5	2	15		19					52	tr.	tr.	—
KAREIMA	00	9	04	1	0	0	—	14		19					78	0	dz.	1
'ATBARA	00	8	28	3	0	0	—	12		23					44	0	dz.	2
KHARTÛM	00	8	30	3	0	0	—	12		22					38	0	2	4
KASSALA	00	8	00	0	0	0	—	9		27					40	0	1	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	32	3	0	0	—	11		22					53	0	15	12
RENK	00	9	30	3	0	0	—	11		23	—			—	41	—	—	49
ROSEIRES	00	8	32	1	0	0	—	9		23					44	0	21	36
EL OBEID	00	9	30	3	0	0	—	13		20					35	0	69	16
EL FÂSHER	00	8	04	2	0	0		—	—	15					45	0	4	6
GENEINA								—	—		—		—			—	—	4
KADUGLI	00	8	04	3	0	1	1	11		24	—		—		34	—	—	89
S. SÛDÂN																		
MALAKÂL	00	8	02	4	0	0	—	10		24					50	0	112	87
WÂU	00	8	32	3	0	2	4	11		22					50	0	159	142
JUBA	05	8	28	1	0	0	—	10		24					50	0	212	126

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	27-36	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.

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 ... 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 AMOUNT (N)

Clear ... 0
Trace ... 1
1 Tenth ... 2
2, 3 Tenths ... 3
4, 5, 6 Tenths ... 4
7, 8 Tenths ... 5
9 Tenths ... 6
Over 9 Tenths ... 7
Overcast ... 8
Fog or Dust ... 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

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MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Time of Sunrise 06 h. 54 m.
Sunset 16 h. 55 m.

Month DECEMBER 1946 — شهر ديسمبر ١٩٤٦

At 14h. on MONDAY 2nd (الساعة ١٤ يوم الاثنين ٢) — At 20h. on 2nd (الساعة ٢٠ يوم الاثنين ٢)

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 h. mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20 h. mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	01	9	18	3	2	4	5	16.3	21.2	39	0	00	8	18	3	1	0	—	15.2	15.0	54	0	131
MARIUT	02	7	21	1	2	6	4,2	16	23	47	0	02	7	00	0	2	6	4,5	16	16	88	0	150
ALEXANDRIA	02	9	24	2	2	5	4	17.8	20.2	61	0	01	6	00	0	2	4	4	16.6	18.0	71	0	132
DAMIETTA	02	8	32	3	1	6	5	16.4	21.4	60	0	01	7	30	1	1	4	8	16.3	18.0	80	0	159
PORT SA'ÎD	01	8	30	3	1	4	4	16.2	22.6	66	0	03	8	06	2	2	8	5	15.9	20.1	70	0	134
EL 'ARÎSH	03	9	30	3	2	8	4	16.2	20.6	74	0	02	8	14	2	2	5	4	14.7	17.9	89	0	135
LOWER EGYPT																							
DAMANHÛR	01	7	12	3	1	4	8	16.8	21.4	53	0	01	6	32	3	1	5	4	17.1	16.8	85	0	136
MANSÛRA	01	8	04	2	1	4	6	16.6	22.5	56	0	01	6	32	2	1	4	6	16.4	16.8	79	0	137
TANTA	01	8	28	1	1	5	6	16.0	22.0	58	0	01	8	00	0	1	5	8	16.4	16.6	79	0	138
ZAGAZIG	01	6	32	2	1	5	7	16.3	22.2	58	0	02	6	32	2	1	6	8	16.2	19.0	62	0	139
SHEBÎN EL KÔM	01	8	04	2	2	4	6	16.7	24.1	51	0	00	7	02	2	1	2	2	17.2	17.2	79	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	02	8	04	1	2	5	8,1	15.6	21.1	53	0	01	7	00	0	2	4	1	15.6	18.2	71	0	141
CAIRO EZBEKÎYA	02	8	02	2	2	7	8	15.9	21.7	56	0	01	7	02	1	1	4	3	16.6	18.3	66	0	—
CAIRO GÎZA	01	7	30	2	1	4	1	16.7	22.0	59	0	01	7	02	1	1	4	4	17.2	18.6	75	0	—
HELWÂN	02	7	32	3	2	7	1	15.2	21.8	47	0	02	7	04	1	2	6	2	15.6	18.0	62	0	143
SUEZ	01	9	00	0	1	4	3	15.8	23.4	43	0	00	9	02	1	0	0	—	16.0?	18.9	70	0	144
UPPER EGYPT																							
FAIYÛM	02	8	30	3	2	6	4	15.5	22.0	43	0	02	8	00	0	2	6	6	16.2	16.1	75	0	153
MINYA	01	9	32	2	1	4	3	16.0	21.4	57	0	01	8	32	1	1	5	2	16.2	17.0	68	0	154
ASYÛT	02	8	28	1	1	5	5	15.8	22.5	48	0	02	6	22	1	1	5	5	16.2	16.2	67	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	—	22.7	52	0	00	8	00	0	0	0	—	15.5	16.0	73	0	164
QENA	02	7	24	2	1	5	3	14.0	22.6	54	0	02	6	24	1	2	5	3	14.7	18.0	69	0	156
LUXOR	02	7	30	2	2	5	1	14.4	26.0	42	0	00	6	32	1	0	0	—			46	0	157
ASWÂN	02	9	32	2	1	5	1	13.1	26.4	33	0	02	9	32	1	1	5	1	14.0	22.0	36	0	158
WESTERN DESERT																							
SÎWA	00	8	24	3	0	0	—	19.2	22.0	58	0	00	—	00	0	0	0	—	18.0	17.3	74	0	148
BAHARÎYA												00	—	00	0	0	0	—	19.4	16.0	69	0	149
KHÂRGA	02	9	32	1	2	5	9	14.6	23.8	34	0	00	9	32	1	0	0	—	15.8?	17.2	71	0	151
DAKHLA	01	8	28	1	1	5	4	14.4?	22.8	60	0	00	6	28	2	0	0	—	18.2	16.0	73	0	152
RED SEA																							
TÔR	00	7	28	3	0	0	—	15.1	23.8	81	0	00	7	28	2	0	0	—	14.7	23.5	59	0	145
HURGHÂDA	02	7	32	1	2	6	1	14.3	23.7	47	0	02	7	30	2	2	5	1	14.2	18.4	66	0	146
QUSEIR	02	8	32	4	2	5	2	13.9	24.8	64	0	03	8	02	2	2	8	5	13.9	22.3	77	0	147
PORT SÛDÂN	01	8	02	4	5	4	4	11	27	70													[illegible]
NORTH SÛDÂN																							
WÂDI HALFA	01	8	02	2	1	4	1	12	26	27													165
KAREIMA	00	8	08	2	0	0	—	11	29	43													166
'ATBARA	00	8	24	3	0	3	8	7	33	30													167
KHARTÛM	00	8	30	3	0	0	—	7	32	29													[illegible]
KASSALA	00	8	30	1	0	0	—	13	37	33													170
CENTRAL SÛDÂN																							
WAD MEDANI	00	8	30	3	0	0	—	5	34	20													171
RENK	01	9	28	3	1	4	4		33	32													182
ROSEIRES	00	8	31	2	0	2	1	6?	36	27													172
EL OBEID	00	9	32	2	0	0	—	7	30	25													174
EL FASHER	00	9	00	0	0	0	—	—	27	22													175
GENEINA	00	8	28	1	0	0	—	—	29	17													179
KADUGLI																							187
S. SÛDÂN																							
MALAKAL	00	8	30	3	0	1	—	5	33	36													176
WÂU	02	8	32	4	0	5	4,1	6	32	29													177
JUBA	05	7	28	2	1	5	8,1	5	33	41													178

UPPER WINDS ON 2nd (الرياح العليا يوم ٢)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh	Mariut	Port Sa'îd	Almâza	Minya	Luxor	Hurghâda	Wâdi Halfa	Kareima	Khartûm	Kassala	El Obeid	Malakal	Juba
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13 h. 15 m.	12 h. 45 m.	13 h. m.	12 h. 45 m.	13 h. m.	13 h. m.	13 h. m.
							09 07 05	09 01 05	09 36 10	09 18 05	09 02 15	09 05 10	09 04 05
							15 18 30	15 35 10	15 32 10	15 33 05	15 03 40	15 05 15	15 05 10
							21 23 30	21 26 10	21 26 20	21 30 05	21 36 05	21 04 25	
							27 26 20	27 21 10	27 24 25	27 25 15	27 31 20	27 03 15	
							33 19 15	33 19 10	33 25 20		33 27 25	33 06 15	
							39 17 20		39 27 15		39 25 20	39 06 10	

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	Date	1946	1945
	3rd	2141	2083
	2nd	2141	2083

Station	Mean of day: Humidity % on 2nd	Diff from normal	Wet bulb temp °C on 2nd	Diff from normal
Alexandria	65	0	14.9	+0.5
Ezbekiya	57	-10	14.7	+1.7
Giza	74	+1	17.0	+3.9
Helwân	63	+6	14.1	+1.6

GÎZA — Grass minimum temp on 3rd 7.4 °C

CAIRO — Water temp River Nile at 9h. on 3rd 19.0 °C

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	3rd				
Nâsser				10.92	+1.03
Malakâl		12.91	+0.67	12.91	+0.66
J. Aulia Res					
J. Aulia D.S					
Roseires		14.02	+0.72	14.05	+0.68
Sennar Res.				20.73	—
Khartûm				12.02	+0.26
Kh. el Girba					
'Atbara				11.56	+0.42
Kajnarti		135.71	+0.65	135.79	+0.67
Aswân Res.		119.13	—	119.08	—
Aswân D.S		87.08	+0.15	87.08	+0.15
Roda (Cairo)		16.72	+0.40	16.72	+0.37

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on TUESDAY 3rd (الساعة ٨ يوم الثلاثاء ٣)

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C	Max. Diff. from norm. °C	Minimum Today °C	Min. Diff from norm. °C	% Humidity	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				22
MATRÛH	00	9	20	3	0	0	—	13.1	-4.9	15.0	22	+1	12	0	68	0	29	41
MARIUT	00	7	20	2	0	0	—	14		16	23	—	13	—	77	0	29	37
ALEXANDRIA	00	9	20	3	0	0	—	14.2	-4.3	18.0	21	-1	15	+1	59	0	24	44
DAMIETTA	01	7	20	1	5	3	9	12.2	-5.3	16.2	22	—	14	—	87	dr.	1	23
PORT SA'ÎD	01	8	26	3	1	4	8	13.8	-3.4	19.4	24	+2	16	+2	84	0	4	16
EL 'ARÎSH	02	9	14	1	2	6	4	13.8	-4.5	14.7	24	+1	12	+1	89	0	10	18
LOWER EGYPT																		
DAMANHÛR	00	6	28	3	0	0	—	14.3	-4.3	15.4	23	0	14	+3	78	0	42	17
MANSÛRA	01	8	20	1	1	4	8	14.3	-3.8	15.2	24	0	13	+1	82	0	5	10
TANTA	01	8	20	1	1	4	8	14.4	-4.3	16.5	23	0	11	+1	80	0	dr.	8
ZAGAZIG	00	6	00	0	0	2	8	14.3	-4.3	15.0	24	0	11	+1	89	0	dr.	7
SHEBÎN EL KÔM	01	8	22	1	2	3	8	15.1	-3.4	13.9	25	—	12	—	87	0	dr.	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	00	0	1	4	6,4	15.3	-3.0	15.7	22	—	14	—	77	0	dr.	—
CAIRO EZBEKÎYA	08	4	16	2	2	5	6	15.4	-2.9	16.1	23	0	12	0	76	0	dr.	4
CAIRO GÎZA	09	5	16	1	1	5	4	15.2	-3.1	15.1	22	-1	10	0	86	0	tr.	6
HELWÂN	09	6	00	0	2	4	0	15.4	-3.5	13.2	23	+1	12	0	82	0	dr.	4
SUEZ	01	9	02	1	1	4	3	15.1	-2.5	16.2	25	+1	13	0	76	0	dr.	6
UPPER EGYPT																		
FAIYÛM	02	8	26	1	2	6	8	15.6	-3.1	14.8	23	-1	10	0	68	0	dr.	0
MINYA	02	7	32	1	2	5	4	17.0	-2.0	15.0	23	-1	11	+1	66	0	dr.	—
ASYÛT	01	7	22	1	1	5	8	17.2	-1.7	13.1	24	0	11	+2	67	0	0	2
NAG' HAMÂDI	00	8	00	0	0	0	—	16.3	-1.2	14.2	23	—	11	—	75	0	0	—
QENA	01	7	22	2	2	3	3	15.5	-2.4	16.0	23	-4	12	+1	64	0	0	—
LUXOR	00	7	28	1	0	0	—	15.5	-2.0	15.6	27	-1	11	+2?	53	0	0	—
ASWÂN	02	9	32	2	1	5	1	14.2	-2.8	18.3	27	0	15	+1	45	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	16.6	-3.0	14.8	23	0	10	+3	81	0	0	1
BAHARÎYA	00	9	00	0	0	0	—			15.0	25	+2	11	+3	68	0	0	2
KHÂRGA	00	9	32	1	0	0	—	16.6	-1.8	14.0	24	-2	10	0	73	0	0	—
DÂKHLA	00	8	28	1	0	0	—	17.8	-1.3	11.5	23	-2	8	-1	74	0	0	—
RED SEA																		
TÔR	00	7	04	3	0	0	—	13.6	-3.2	15.8	24	0	12	0	64	0	0	4
HURGHÂDA	01	7	26	3	1	4	1	13.4	-3.6	18.6	25	0	17	+4	57	0	0	2
QUSEIR	02	8	28	2	2	5	4	13.2	-3.5	22.0	25	-1	20	+2	73	0	0	3
PORT SÛDÂN	02	8	28	3	1	6	8,4	12		27					66	tr.	138	60
NORTH SÛDÂN																		
WÂDI HALFA	01	8	30	2	1	4	1	16		15					63	0	tr.	—
KAREIMA	00	8	00	0	0	0	—	14		17					60	0	dr.	1
'ATBARA	00	8	32	2	0	0	—	12		23					41	0	dr.	2
KHARTÛM	00	8	30	3	0	0	—	12		22					31	0	2	4
KASSALA	00	8	00	0	0	0	—	10		25					70	0	1	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	8	32	3	0	2	1	11		22					50	0	15	12
RENK	00	8	28	3	0	0	—	10		23		—		—	53	—	—	49
ROSEIRES	00	8	32	1	0	0	—	11		22						0	21	36
EL OBEID	02	9	30	3	1	7	2	13		20					41	0	69	16
EL FÂSHER	01	8	00	0	1	4	2	—	—	14					48	0	4	6
GENEINA								—	—			—		—		—	—	4
KADUGLI	01	8	28	2	1	4	4	11		26		—		—	32	—	—	89
S. SÛDÂN																		
MALAKÂL	00	8	06	2	0	2	4	11		24					61	0	112	87
WÂU	01	8	20	2	1	5	4,1	10		23					53	0	159	142
JUBA	05	6	22	1	1	5	4,1	11		26					58	0	212	126

UPPER WINDS ON 3rd (الرياح العليا يوم ٣)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh	Mariut	Port Sa'îd	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa	Abu Hamad	Kareima	Khartûm
h. m.	7 h. 30 m.	7 h. 15 m.	9 h. m.	7 h. m.	h. m.	7 h. 15 m.	7 h. m.	7 h. 15 m.	7 h. 15 m.	7 h. m.	h. m.
	03 23 20	03 22 10	02 17 05	03 32 20		03 34 10	02 36 10	09 26 20	09 05 10	09 02 30	
	06 23 15	06 14 10	05 26 15	06 31 20		06 34 20	05 02 35	15 21 20	15 03 05	15 33 15	
	09 23 20	09 14 15	08 29 10	09 31 10		09 34 10	10 33 10	21 22 35		21 27 02	
	15 31 20	15 21 15	Ent. St.	12 30 15		✓	15 24 15	27 23 30		27 20 15	
	21 21 20	21 19 15					20 22 35	33 24 35		33 25 35	
	27 21 30	24 18 25						39 26 30		39 24 40	
	30 18 50	30 19 20									
	39 21 50	✓									
	51 20 60										

Kassala	Port Sûdân	El Obeid	El Fâsher	Geneina	Malakal
7 h. m.	7 h. 15 m.	7 h. m.	7 h. 30 m.	h. m.	6 h. 45 m.
09 04 20	09 09 10	09 01 35	09 01 10		09 02 35
15 31 20	15 07 15	15 36 15	15 04 10		15 02 50
21 34 20	21 09 20	21 31 15	21 10 10		21 04 30
27 29 30	30 06 25	27 26 15	24 10 10		27 02 20
33 23 15		33 24 20			33 03 20
		39 20 35			39 06 15

Upper air temp. Almâza at 6 h. G.M.T. on 3rd

Height feet	PPP m.b.	TT °F	°F
Surface	1005	55	54
500	987	60	57
1000	969	59	57
1500	951	58	54
2000	934	56	53
4000	868	48	46
6000	805	45	33
8000	746	41	28
10000	691	36	26
12000	639	28	23
14000	590	21	18
16000	544	12	12

Cyprus synoptic 8h. on 3rd
34882 02857 08227 15141 27701 00110
34760 02658 05617 14191 30701 00130

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

ANNUAL SUBSCRIPTION P.T. 150

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Time of Sunrise h. 06 m. 35
Sunset h. 16 m. 55

Month December 1946 — شهر ديسمبر ١٩٤٦

At 14h. on Tuesday 3rd (الساعة ١٤ يوم ٣) — **At 20h. on 3rd** (الساعة ٢٠ يوم الثلاثاء ٣)

Region	Station	14h Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 mms	20h Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20 mms	Station number
Mediterranean	SALÛM																							130
	MATRÛH	01	8	22	4	0	5	5	9.1	20.6	42	0	01	8	22	3	3	4	8,5	83	16.6	62	0	131
	MARIUT	00	7	22	3	0	3	8	11	23	44	0	00	7	18	3	0	2	8	10	17	64	0	150
	ALEXANDRIA	01	9	20	5	1	3	4	11.1	21.0	49	0	01	6	20	4	2	4	4	10.6	17.7	57	0	132
	DAMIETTA	01	8	20	3	1	4	9	11.0	22.1	51	0	00	7	16	1	1	0	—	11.6	14.8	78	0	159
	PORT SA'ÎD	01	8	26	3	1	3	4	11.1	21.3	61	0	00	8	18	2	0	0	—	11.6	18.2	62	0	134
	EL 'ARÎSH	02	9	26	4	2	6	8	11.4	20.9	73	0	00	9	22	3	0	2	8	11.6	18.1	87	0	135
Lower Egypt	DAMANHÛR	00	7	28	4	0	3	8	11.5	23.0	42	0	00	6	28	3	3	0	—	11.2	14.8	87	0	136
	MANSÛRA	01	8	24	2	1	4	8	11.8	20.5	49	0	01	6	32	1	1	3	8	11.8	15.6	73	0	137
	TANTA	00	8	20	1	1	0	—	11.4	21.7	75	0	01	8	00	0	1	4	8	11.4	16.1	78	0	138
	ZAGAZIG	01	6	28	2	1	4	8	11.5	21.6	58	0	01	6	24	2	1	4	8	11.0	17.2	70	0	139
	SHEBÎN EL KÔM	00	8	30	2	0	0	—	12.6	24.1	34	0	00	7	30	1	0	0	—	15.5	17.2	60	0	—
Middle Egypt	CAIRO ALMÂZA	01	8	22	1	1	4	8	11.8	22.5	44	0	01	7	17	2	1	4	4	12.1	18.1	45	0	141
	CAIRO EZBEKÎYA	02	7	16	3	2	5	8	12.4	21.2	55	0	02	7	16	1	2	5	8	12.0	17.4	59	0	—
	CAIRO GÎZA	01	7	14	2	1	4	8	12.3	23.0	54	0	00	8	12	1	1	1	4	13.0	16.0	58	0	—
	HELWÂN	01	8	18	3	1	4	8	12.3	20.8	46	0	00	7	14	2	0	3	8	12.7	17.2	46	0	143
	SUEZ	01	9	00	0	1	4	3	12.2	24.2	50	0	00	9	30	1	0	0	—	13.6	18.4	72	0	144
Upper Egypt	FAIYÛM	01	8	26	2	1	3	8	12.7	23.0	38	0	01	8	00	0	1	3	8	13.0	17.1	58	0	153
	MINYA	00	9	24	2	1	0	—	13.5	24.0	31	0	01	8	32	1	1	5	4	14.3	16.4	60	0	154
	ASYÛT	00	8	28	1	1	0	—	14.2	21.7	39	0	00	6	22	1	0	0	—	15.1	14.5	62	0	155
	NAG' HAMÂDI	00	8	00	0	0	0	—	13.5	22.2	44	0	00	8	00	0	0	0	—	15.0	13.8	72	0	164
	QENA	01	8	22	2	1	3	3	13.4	22.0	66	0	01	6	28	2	1	3	3	14.0	16.0	63	0	156
	LUXOR	00	7	26	2	0	0	—	13.8	24.0	39	0	00	6	32	1	0	0	—	15.2	17.0	52	0	157
	ASWÂN	02	9	26	2	1	5	1	12.0	25.7	31	0	00	9	32	1	0	0	—	13.9	22.0	35	0	158
Western Desert	SÎWA	00	8	28	5	0	0	—	15.0	21.5	39	0	02	8	00	0	1	6	4	13.4	17.0	54	0	148
	BAHARÎYA	01	9	00	0	1	4	—		24.2	51	0	00	8	00	0	0	0	—		16.0	69	0	149
	KHÂRGA	00	9	24	1	0	0	—	14.3	21.8	37	0	00	9	32	1	0	0	—	15.1	16.0	50	0	151
	DAKHLA	00	9	28	1	0	0	—	14.0	21.8	66	0	00	6	28	2	0	0	—	18.6	11.0	73	0	152
Red Sea	TÔR	00	7	28	3	0	0	—	10.7	24.5	56	0	00	7	28	3	0	0	—	13.5	21.9	40	0	145
	HURGHÂDA	01	8	02	3	1	4	1	10.3	24.9	47	0	00	8	28	1	1	3	1	11.5	19.8	60	0	146
	QUSEIR	01	8	04	2	2	4	6	11.1	24.3	69	0	00	8	28	4	1	0	—	11.5	23.7	76	0	147
	PORT SÛDÂN	01	9	04	3	1	3	8,4	9	28	74													189
North Sûdân	WÂDI HALFA	01	8	28	2	1	3	4,1	12	26	25													165
	KAREIMA	01	8	28	3	1	4	1	10	29	20													166
	'ATBARA	01	8	28	3	0	4	2	7	33	28													167
	KHARTÛM	01	8	30	3	1	4	1	7	32	22													168
	KASSALA	00	7	30	2	0	0	—	4	37	33													170
Central Sûdân	WAD MEDANI	01	8	32	4	0	4	1	6	34	23													171
	RENK	00	8	28	3	0	0	—	4?	33	26													182
	ROSEIRES	00	8	24	2	0	0	—	6?	36	27													172
	EL OBEID	02	9	32	3	1	7	2	7	32	14													174
	EL FÂSHER	02	8	32	2	1	5	2	—	29	23													175
	GENEINA	01	8	08	2	1	3	2	—	29	18													179
	KADUGLI	02	8	04	4	1	5	1	6	34	16													187
S. Sûdân	MALAKÂL	01	8	02	3	1	3	4	5	33	30													176
	WÂU	01	8	32	3	1	5	8,4,1	5	34	25													177
	JUBA	05	7	28	3	1	5	8	5	33	36													178

At 8h. on Wednesday 4th (الساعة ٨ يوم الاربعاء ٤)

Region	Station	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Mediterranean	SALÛM												—		—				23
	MATRÛH	00	9	24	4	1	0	—	11.1	-7.0	14.6	21	0	14	+2	81	0	29	42
	MARIUT	82	7	21	4	8	7	9	10	—	14	23	—	14	—	88	1	30	38
	ALEXANDRIA	60	8	20	5	6	5	9	10.6	-7.9	14.0	22	0	14	0	94	2	26	46
	DAMIETTA	01	7	18	4	1	3	7	11.0	-6.6	14.0	23	—	11	—	77	0	1	24
	PORT SA'ÎD	14	8	18	6	3	3	2	11.4	-5.9	16.0	22	0	14	0	63	0	4	16
	EL 'ARÎSH	00	9	20	3	0	0	—	12.6	-5.8	15.7	24	+2	13	+3	69	0	10	19
Lower Egypt	DAMANHÛR	01	6	24	6	1	3	3	11.0	-7.6	14.3	24	+1	13	+2	78	0	42	18
	MANSÛRA	01	8	20	1	1	3	6	11.4	-6.7	13.0	24	+1	11	0	77	0	5	10
	TANTA	00	8	24	4	0	0	—	11.2	-7.6	14.0	23	0	12	+2	81	0	dr	8
	ZAGAZIG	00	6	32	3	0	0	—	12.2	-6.4	14.2	25	+2	12	+2	74	0	dr	7
	SHEBÎN EL KÔM	00	8	22	3	0	0	—	12.3	-6.3	13.9	25	—	12	—	87	0	dr	—
Middle Egypt	CAIRO ALMAZA	00	7	20	3	0	2	8	13.1	-5.3	14.0	23	—	12	—	66	0	dr	—
	CAIRO EZBEKÎYA	05	5	18	3	0	3	3	13.9	-4.5	14.2	23	0	11	-1	65	0	dr	4
	CAIRO GÎZA	00	7	14	3	0	2	4	13.8	-4.6	14.0	24	+2	11	+2	68	0	tr	6
	HELWÂN	05	6	16	3	0	0	—	14.2	-4.7	12.2	22	0	11	-1	74	0	dr	4
	SUEZ	00	9	18	1	0	0	—	15.0	-2.7	19.6	26	+3	15	+2	53	0	dr	6
Upper Egypt	FAIYÛM	00	8	22	1	1	2	8	14.8	-4.0	13.0	24	0	11	+1	68	0	dr	0
	MINYA	00	8	20	2	0	0	—	16.7	-2.4	15.4	24	+1	11	+1	60	0	dr	—
	ASYÛT	00	7	00	0	0	0	—	17.0	-2.0	15.1	23	0	9	0	67	0	0	2
	NAG' HAMÂDI	00	8	00	0	0	0	—	17.5	-0.1	13.4	23	—	11	—	81	0	0	—
	QENA	00	7	28	2	0	0	—	16.1	-1.9	13.2	23	-4	8	-3	65	0	0	—
	LUXOR	00	7	28	2	0	0	—	17.2	-0.4	15.0	27	[illegible]	9	[illegible]	49	0	0	—
	ASWÂN	00	9	00	0	0	0	—	17.4	-0.3	16.0	27	0	12	-1	56	0	0	—
Western Desert	SÎWA	00	7	00	0	0	0	—	16.6	-3.0	13.0	22	-1	11	+4	77	0	0	1
	BAHARÎYA	00	9	32	1	0	0	—			14.0	25	+2	10	+2	73	0	0	2
	KHÂRGA	00	9	08	1	0	0	—	16.7	-1.8	14.0	23	-3	7	-3	62	0	0	—
	DÂKHLA	00	8	24	1	0	0	—	18.6	-0.6	12.5	22	-3	8	-1	71	0	0	—
Red Sea	TÔR	00	7	04	4	0	0	—	14.5	-2.4	13.8	25	+1	11	-1	56	0	0	4
	HURGHÂDA	00	8	26	4	0	0	—	14.3	-2.7	18.6	26	+1	13	0	42	0	0	2
	QUSEIR	00	8	28	3	0	0	—	13.8	-3.0	18.6	29	+3	15	-3	48	0	0	3
	PORT SÛDÂN	01	8	20	1	1	5	8,3	12		27					70	0	138	61
North Sûdân	WÂDI HALFA	00	8	32	1	0	2	2	17		13					51	0	0	—
	KAREIMA	01	8	02	1	1	5	2	16		17					46	0	dr	1
	'ATBARA	01	8	04	1	1	4	4,1	16		21					50	0	dr	2
	KHARTÛM	00	8	32	3	1	2	1	13		16					36	0	2	4
	KASSALA	01	7	00	0	0	3	1	12		22					69	0	1	8
Central Sûdân	WAD MEDANI	00	8	30	4	0	2	1	13		21					35	0	15	12
	RENK	00	9	02	3	0	0	—	11		22		—		—	53	—	—	49
	ROSEIRES	00	8	31	1	0	0	—	13?		23					53	0	21	34
	EL OBEID	00	9	30	2	0	0	—	14		19					43	0	69	16
	EL FÂSHER								—	—							0	4	6
	GENEINA								—	—			—		—		—	—	4
	KADUGLI	00	8	30	2	0	1	1	12		24					36	—	—	29
S. Sûdân	MALAKÂL	00	8	02	3	0	2	4	11		25					47	0	112	87
	WÂU	01	8	00	0	1	3	4	11		23					57	0	159	142
	JUBA	01	8	12	2	1	4	4	10		25					70	0	212	127

UPPER WINDS ON 3rd (الرياح العليا يوم ٣)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	13 h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	12 h. 15 m.	12 h. 05 m.	12 h. 30 m.	13 h. m.	13 h. m.	13 h. m.	13 h. 15 m.
	03 23 40						09 33 05	09 33 15	09 08 10	09 31 10	09 03 20	09 05 15	09 04 10
	06 23 30						15 24 30	15 31 15	15 09 10	15 31 20	15 05 15	15 05 15	15 03 15
	09 24 30						21 24 35	21 27 15	21 10 15	21 30 20	21 34 20	21 06 25	21 02 15
	12 24 35						27 25 30	27 23 20			27 28 20	27 07 20	27 36 15
	15 23 35						33 25 35	33 24 45			33 26 25	33 08 25	33 05 10
	21 27 30							39 26 60			39 22 40	39 07 25	
	27 23 40												
	30 22 40												
	33 21 40												

UPPER WINDS ON 4th (الرياح العليا يوم ٤)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	7 h. 15 m.	h. m.	10 h. 45 m.	h. m.	h. m.	h. m.	7 h. m.	7 h. m.	7 h. 25 m.	7 h. m.	h. m.
	03 19 60		02 21 20				05 35 25	09 36 50	09 34 30	09 36 35	
	06 17 45		05 22 40				10 35 40	15 36 05	15 23 15	15 25 20	
			08 25 45				15 34 20	21 31 15	21 25 25	21 23 10	
			10 26 70				20 24 25	27 28 30	27 24 40	27 28 20	
			15 27 55				25 26 30		33 22 40	33 28 15	
									39 23 40	39 35 30	

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6 h. 45 m.	7 h. m.	7 h. 30 m.	h. m.	h. m.	h. m.
09 02 15	09 15 05	09 01 30			
15 26 30	15 14 10	15 04 25			
21 28 10	21 14 15	21 05 15			
27 24 10	27 14 15	24 05 20			
	33 15 15				
	39 16 05				

CYPRUS SYNOPTIC 8h. ON 4th

34780 02757 06287 09161 30405 04141.
34890 61744 14266 10130 63207 08122.

Remarks

Hours are Egyptian standard time, long. 30 E and are two hours fast on Greenwich mean time

Discharges at Aswan measured by sluices m³ per sec.	Date	1946	1945
	4-12	2026	2083
	3-12	2141	2083

Mean of day

Station	Humidity % on 3rd	Diff from normal	Wet bulb temp °C on 3rd	Diff from normal
Alexandria	53	-12	13.9	-0.4
Ezbekiya	41	-8	14.3	+1.4
Giza	65	-8	14.3	+1.3
Helwân	59	+2	12.5	+0.1

GÎZA — GRASS MINIMUM TEMP ON 4th 7.2 °C

CAIRO — WATER TEMP RIVER NILE AT 9h. ON 4th 18.7 °C

Gauge	Date 1946	Reading m.	Diff from normal m	Previous day Reading m.	Previous day Diff. from normal m
Jûba					
Nâsser				10.90	+1.04
Malakâl		12.92	+0.69	12.91	+0.67
J. Aulia Res.				372.00	—
J. Aulia D.S				372.76	+0.36
Roseires		12.98	+0.70	14.02	+0.72
Sennar Res.				20.71	—
Khartûm				12.00	+0.25
Kh. el Girba					
'Atbara		11.50	+0.39	11.64	+0.51
Kajnarti		135.63	+0.65	135.71	+0.65
Aswân Res.		119.18	—	119.13	—
Aswân D.S		86.95	+0.02	87.08	+0.15
Roda (Cairo)		16.69	+0.40	16.72	+0.40

(Date column: 4-12 for all gauges)

UPPER AIR TEMP. ALMÂZA AT 6h GMT ON 4th

Height feet	PPP m.b.	TT °F	tt °F
Surface	1003	54	50
500	985	55	50
1000	967	54	50
1500	950	54	50
2000	933	52	48
4000	866	46	42
6000	803	39	37
8000	745	33	30
10000	689	28	26
12000	638	21	19
14000	589	15	14
16000	543	7	7

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

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ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise 22 52 h. m.
Sunset 16 55

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.O.

Month DECEMBER 1946 — شهر ديسمبر ١٩٤٦

At 14h. on WEDNESDAY 4th. — الساعة ١٤ يوم الاربعاء ٤

STATION	Present Weather WW	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 h. mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	01	9	28	3	0	4	8	11.8	20.5	63	0	131
MARIUT	02	7	25	4	1	5	6,8	10	21	65		150
ALEXANDRIA	01	8	26	3	5	4	9	10.4	18.4	68	2	132
DAMIETTA	01	8	22	4	1	4	9	10.3	21.2	60	0	159
PORT SA'ÎD	14	6	20	6	3	4	2	10.4	20.3	58	0	134
EL 'ARÎSH	05	6	20	6	1	4	4	11.6	21.9	48	0	135
LOWER EGYPT												
DAMANHÛR	21	6	24	6	5	7	7	11.0	18.0	72	tr.	136
MANSÛRA	01	8	24	2	1	4	8	10.4	22.2	55	0	137
TANTA	02	8	24	4	1	5	9	10.8	20.6	71	0	138
ZAGAZIG	18	6	24	6	3	4	8	11.5	21.8	58	0	139
SHEBÎN EL KÔM	00	6	22	4	0	1	2	11.9	22.9	49	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	01	7	24	4	1	4	6,8	11.7	22.9	41	0	141
CAIRO EZBEKÎYA	05	7	22	4	1	4	8	12.0	21.7	51	0	—
CAIRO GÎZA	01	7	22	4	1	4	8	12.4	23.2	45	0	—
HELWÂN	01	7	24	5	1	5	8	12.3	21.2	41	0	143
SUEZ	01	9	18	1	1	5	6	12.6	23.4	40	0	144
UPPER EGYPT												
FAIYÛM	01	8	22	2	1	5	8	13.1	23.0	41	0	153
MINYA	00	9	28	3	0	0	—	14.6	23.6	35	0	154
ASYÛT	00	7	24	1	0	0	—	15.2	21.5	37	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	15.5	22.1	42	0	164
QENA	00	8	28	2	0	0	—	14.3	21.2	40	0	156
LUXOR	00	7	30	2	0	0	—	15.2	22.5	41	0	157
ASWÂN	00	9	32	3	0	0	—	14.4	22.3	28	0	158
WESTERN DESERT												
SÎWA	00	8	24	3	0	0	—	16.6	21.0	49	0	148
BAHARÎYA												149
KHÂRGA	00	9	32	1	0	0	—	15.1	23.0	34	0	151
DAKHLA	00	9	28	1	0	0	—	14.2	22.0	64	0	152
RED SEA												
TÛR	00	7	28	3	0	0	—	13.9	22.2	43	0	145
HURGHADA	00	8	26	3	0	0	—	12.4	24.1	30	0	146
QUSEIR	00	8	28	3	0	0	—	13.0	25.2	34	0	147
PORT SÛDÂN	01	9	10	4	1	3	8,1	8	29	66		208
NORTH SÛDÂN												
WÂDI HALFA	00	8	02	3	0	2	1	15	23	26		165
KAREIMA	02	8	32	1	1	5	2	12	26	32		166
'ATBARA	01	8	28	3	1	4	2	10	30	18		167
KHARTÛM	00	8	30	4	0	2	1	9	29	13		209
KASSALA	01	8	28	3	1	3	1	6	35	35		170
CENTRAL SÛDÂN												
WAD MEDANI	00	8	32	4	0	0	—	8	32	21		171
RENK	00	9	28	3	0	0	—	6	33	26		182
ROSEIRES	00	6	32	1	0	0	—	6	34	27		172
EL OBEID	01	9	30	3	1	4	1	8	30	13		174
EL FÂSHER	00	9	04	1	1	3	1	—	28	22		175
GENEINA	00	8	02	2	0	0	—	—	31	19		179
KADUGLI	10	8	28	3	0	1	1	7	35	13		187
S. SÛDÂN												
MALAKÂL	00	8	32	3	0	1	3	5	33	34		176
WÂU	00	8	32	1	1	3	8	6	34	27		177
JUBA	01	8	28	2	1	4	8,1	7	33	41		178

At 20h. on 4th — الساعة ٢٠ يوم الاربعاء ٤

STATION	Present Weather WW	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20 h. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	8	24	1	5	0	—	14.3	14.0	71	dr.
MARIUT	01	7	25	2	1	4	6,8	13	19	73	
ALEXANDRIA	01	6	26	2	5	5	9	13.8	18.4	77	dr.
DAMIETTA	20	7	22	3	6	5	9	12.6	16.0	87	1
PORT SA'ÎD	14	7	20	6	3	3	2	12.8	18.7	68	0
EL 'ARÎSH	00	9	14	3	0	0	—	12.8	17.7	74	0
LOWER EGYPT											
DAMANHÛR	01	6	24	3	6	3	8	14.2	16.0	79	2
MANSÛRA	01	6	24	2	1	4	8	13.6	16.8	79	0
TANTA	01	8	24	1	1	4	8	14.3	16.2	73	0
ZAGAZIG	01	6	16	3	2	3	8	14.3	17.5	66	0
SHEBÎN EL KÔM	00	7	30	2	1	2	2	14.2	17.8	68	0
MIDDLE EGYPT											
CAIRO ALMÂZA	01	7	16	1	1	3	6	14.6	17.2	67	0
CAIRO EZBEKÎYA	00	7	22	1	0	2	8	14.8	18.2	64	0
CAIRO GÎZA	01	8	00	0	0	4	4	15.2	14.8	70	0
HELWÂN	01	7	00	0	1	4	4	15.1	17.0	67	0
SUEZ	01	9	18	1	1	4	6	13.6	19.4	53	0
UPPER EGYPT											
FAIYÛM	00	8	00	0	0	0	—	15.4	17.1	58	0
MINYA	00	8	24	2	1	0	—	17.1	15.2	66	0
ASYÛT	00	6	20	1	0	0	—	17.2	14.5	62	0
NAG' HAMÂDI	00	8	00	0	0	0	—	16.8	13.8	73	0
QENA	00	6	24	2	0	0	—	16.9	15.2	66	0
LUXOR	00	6	28	2	0	0	—	17.0	16.2	49	0
ASWÂN	00	9	32	2	0	0	—	16.8	19.0	34	0
WESTERN DESERT											
SÎWA	03	—	00	0	2	8	5	16.3	17.0	61	0
BAHARÎYA											
KHÂRGA	00	9	32	1	0	0	—	16.2	15.2	47	0
DAKHLA	00	7	28	2	0	0	—	18.7	15.0	72	0
RED SEA											
TÛR	00	7	08	2	0	0	—	15.1	20.2	45	0
HURGHADA	00	8	28	3	0	0	—	14.6	18.9	46	0
QUSEIR	00	8	28	2	0	0	—	14.3	20.6	53	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 4th — الرياح العليا يوم ٤

MATRÛH h. m.	MARIUT 13h. 15m.	PORT SA'ÎD 13h. m.	ALMÂZA 13h. m.	MINYA 12h. 45m.	LUXOR h. m.	HURGHADA 13h. m.	WÂDI HALFA 13h. 15m.	KAREIMA 12h. 45m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID 13h. m.	MALAKAL 13h. m.	JUBA 13h. m.
	03 27 40	03 24 50	03 24 30	03 26 30		03 31 45	09 36 20	09 35 20			09 35 20	09 04 20	09 01 15
	06 28 35	06 25 40	06 24 40	06 26 30		06 30 30	15 29 15	15 29 35			15 35 15	15 05 20	15 36 25
	09 29 50		09 24 40	09 29 30		09 29 45	21 28 25	21 27 20			21 31 10	21 05 55	21 01 30
	12 29 50		12 25 40	12 28 35		15 29 55	27 27 35	27 26 15			27 22 10	27 03 30	27 02 25
	Eul. Sc.			15 29 20		21 30 40	33 27 25	33 25 20			33 23 15	33 03 25	
				18 18 20		30 27 45	39 27 40				39 23 30	39 03 20	
				21 30 30		39 24 55							
				24 29 25		51 13 45							
						54 16 15							

At 8h. on THURSDAY 5th — الساعة ٨ يوم الخميس ٥

STATION	Present Weather WW	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total From Oct. 1 mms.	Norm. From Oct. 1 mms.
MEDITERRANEAN																		
SALÛM													—	—				23
MATRÛH	00	9	20	3	0	0	—	16.6	-1.5	14.0	21	0	11	-1	62	dr.	29	43
MARIUT	00	7	22	2	1	1	6,8	17		16	21	—	14	—	68	5	35	39
ALEXANDRIA	00	9	20	3	0	0	—	17.6	-0.9	17.8	21	-1	13	-1	55	2	28	48
DAMIETTA	00	7	18	2	1	2	9	17.1	-0.5	15.9	21	—	13	—	65	2	3	25
PORT SA'ÎD	00	8	18	4	0	3	3	17.4	+0.1	16.7	21	-1	15	+1	79	0	4	17
EL 'ARÎSH	00	9	18	3	0	3	8	17.5	-0.9	16.5	23	+1	18	+5	69	0	10	19
LOWER EGYPT																		
DAMANHÛR	00	6	24	2	0	0	—	17.1	-1.5	13.8	22	-1	12	+1	82	2	44	19
MANSÛRA	01	8	20	1	1	4	0	17.5	-0.7	15.0	23	0	13	+2	86	0	5	10
TANTA	00	8	20	2	1	0	—	17.5	-1.3	13.7	21	-2	12	+2	74	0	dr.	8
ZAGAZIG	00	6	24	2	0	2	8	17.8	-0.9	14.9	22	-1	13	+3	73	0	dr.	7
SHEBÎN EL KÔM	00	8	16	1	0	0	—	18.4	-0.2	13.1	24	—	12	—	66	0	dr.	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	18	2	0	0	—	18.2	-0.2	15.6	23	—	12	—	60	0	dr.	—
CAIRO EZBEKÎYA	08	4	20	4	4	0	—	18.8	+0.4	15.3	23	0	13	+2	59	0	dr.	4
CAIRO GÎZA	00	7	12	2	0	0	—	18.8	+0.3	15.2	23	+1	12	+3	66	0	tr.	6
HELWÂN	00	6	00	0	0	0	—	19.2	+0.2	14.3	22	0	12	0	56	0	dr.	4
SUEZ	01	9	00	0	1	4	5	19.2	+1.4	18.0	25	+2	13	+1	68	0	dr.	6
UPPER EGYPT																		
FAIYÛM	00	8	00	0	0	0	—	19.4	+0.5	11.9	23	-1	10	0	76	0	dr.	0
MINYA	01	7	16	2	1	3	—	19.8	+0.6	15.0	24	+1	10	0	60	0	dr.	—
ASYÛT	00	7	12	1	0	0	—	20.0	+0.9	13.1	23	0	8	-1	65	0	0	2
NAG' HAMÂDI	00	8	00	0	0	0	—	19.4	+1.7	14.2	23	—	6	—	63	0	0	—
QENA	00	7	24	2	0	0	—	19.2	+1.1	14.0	24	-2	9	-1	71	0	0	—
LUXOR	00	7	28	2	0	0	—	19.4	+1.7	14.8	26	+1	7	-2	47	0	0	—
ASWÂN	00	9	32	2	0	0	—	19.0	+1.3	15.8	24	-3	11	-2	48	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	17.5	-2.2	11.3	22	-1	6	0	72	0	0	1
BAHARÎYA																	0	2
KHÂRGA	00	9	32	1	0	0	—	19.8	+1.2	10.2	24	-2	7	-3	70	0	0	—
DAKHLA	00	8	00	0	0	0	—	20.6	+1.4	8.0	23	-2	5	-4	69	0	0	—
RED SEA																		
TÛR	00	7	04	2	0	0	—	17.2	+0.3	14.8	23	-1	11	-1	62	0	0	4
HURGHÂDA	00	8	26	3	0	0	—	17.8	+0.7	18.8	25	0	13	0	47	0	0	2
QUSEIR	00	8	28	3	1	2	3	17.5	+0.6	19.0	27	+1	16	-1	52	0	0	3
PORT SÛDÂN	18	6	30	5	0	1	8,1	14		21					83	0	138	62
NORTH SÛDÂN																		
WÂDI HALFA	01	8	18	1	0	3	2	19		13					55	0	dr.	—
KAREIMA	02	8	32	2	1	5	2	17		16					45	0	dr.	1
'ATBARA	01	7	28	3	0	4	2	15		17					37	0	dr.	2
KHARTÛM	00	8	30	3	0	1	1	15		19					30	0	2	4
KASSALA	00	8	00	0	0	0	—	13		22					44	0	1	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	8	02	4	0	0	—	14		21					23	0	15	12
RENK	00	9	04	3	0	0	—	13		24	—	—	—	—	47	—	—	49
ROSEIRES	00	8	30	1	0	0	—			22					47	0	21	36
EL OBEID	00	9	02	2	0	0	—	15		20					21	0	69	16
EL FÂSHER	00	8	00	0	0	2	1	—	—	16					56	0	4	6
GENEINA								—	—		—	—	—	—		—	—	4
KADUGLI	00	8	28	2	0	1	1	12		23	—	—	—	—	27	—	—	89
S. SÛDÂN																		
MALAKÂL	00	8	02	4	0	0	—	13		23					44	0	112	87
WÂU	00	8	00	0	0	0	—	12		22					78	0	159	142
JUBA	01	8	12	3	1	3	4	12		24					74	0	212	127

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 5th — الرياح العليا يوم

MATRÛH h. m.	MARIUT 7h. m.	PORT SA'ÎD h. m.	HELWÂN 8h. 45m.	MINYA h. m.	ASYÛT 7h. m.	LUXOR h. m.	ASWÂN 7h. m.	WÂDI HALFA 7h. 30m.	ABU HAMAD 7h. 15m.	KAREIMA 7h. m.	KHARTÛM 7h. m.
	03 26 25		02 17 20		02 07 05		02 01 10	09 04 35	09 05 20	09 03 35	09 32 20
	06 26 25		05 17 20		05 02 15		05 03 30	15 31 10	15 10 10	15 36 15	15 33 25
	09 26 20		10 27 10		10 35 05		10 02 20	21 29 20	21 26 10	21 31 10	21 34 30
	12 24 15		15 23 10		15 15 05		15 05 20	27 28 20	27 28 15	27 31 20	24 33 35
	15 26 10		20 13 10				20 01 10	33 28 30	33 27 30	33 30 35	33 31 30
	18 26 15		25 30 10				25 33 05	39 27 30		39 29 40	39 31 10
	21 26 20		30 32 25								
			34 30 30								

KASSALA 7h. m.	PORT SÛDÂN 7h. m.	EL OBEID 7h. m.	EL FÂSHER 7h. 15m.	GENEINA h. m.	MALAKAL 7h. m.
09 05 20	09 04 15	09 04 40	09 05 20		09 03 20
15 01 15		15 05 35	15 09 05		15 04 65
21 31 30		21 36 20	21 14 05		21 03 55
27 26 20		27 31 15	27 29 05		27 04 45
33 23 25		33 26 05	33 28 05		30 04 40
		39 26 15			

CYPRUS SYNOPTIC 8h. ON 5th.

34770 02857 02417 15151 20412 10111
34880 01394 10225 17131 20211 92111

UPPER AIR TEMP. ALMÂZA AT 6h. G.M.T. ON 5th.

HEIGHT FEET	P.P.P m.b.	T.T °C	T.T °C
Surface	1008	55	51
500	990	60	54
1000	977	61	53
1500	954	58	52
2000	937	56	52
4000	871	47	45
6000	808	41	38
8000	749	40	38
10000	693	35	28
12000	641	29	25
14000	592	21	19
16000	546	11	11

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day Humidity % on 4th	Diff. from normal	Wet Bulb Temp °C on 4th	Diff. from normal	Previous day Reading	Diff. from normal
Alexandria	80	+15	14.9	+0.8	10.89	+1.08
Ezbekiya	53	-16	13.4	+0.6	12.92	+0.69
Giza	62	-11	13.1	+0.3		
Helwân	61	+4	12.2	0.0		

GÎZA — GRASS MINIMUM TEMP. ON 5th. 8.7 °C

CAIRO — WATER TEMP. RIVER NILE ON 5th. AT 9h. 18.4 °C

GAUGE	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Jûba	5th				
Nasser				10.89	+1.08
Malakâl		12.92	+0.70	12.92	+0.69
J. Aulia Res.					
J. Aulia D.S.					
Roseires		13.95	+0.70	13.98	+0.70
Sennar Res.				20.71	—
Khartûm				12.00	+0.24
Kh. el Girba					
'Atbara				11.50	+0.39
Kajnarti				135.83	+0.65
Aswân Res.		119.22	—	119.18	—
Aswân D.S.		86.95	+0.02	86.95	+0.02
Roda (Cairo)		16.69	+0.43	16.69	+0.40

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	5th	2026	2083
	4th	2026	2083

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	27-36	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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

Printed by the Survey of Egypt, 1945 (45/306)

ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise 06 h. 37 m.
Sunset 16 h. 55 m.

Month DECEMBER 1946

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

شهر ديسمبر ١٩٤٦

At 14h. on THURSDAY 5th (الساعة ١٤ يوم الخميس ٥) — At 20h. on 5th (الساعة ٢٠ يوم الخميس ٥)

Region	Station	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar Press M.S.L. 1000+ mbs. PPP	14h °C Temp. TTT	14h % Humidity UU	Rain 8-14 h. mms	20h Present Weather ww	20h Visibility V	20h Wind Dir. DD	20h Wind Force F	20h Past Weather W	20h Cloud Amount N	20h Cloud Form C	20h Bar Press M.S.L. 1000+ mbs. PPP	20h °C Temp. TTT	20h % Humidity UU	Rain 14-20 h. mms	Station Number
Mediterranean	SALÛM																							130
	MATRÛH	00	9	20	3	0	0	—	15.0	21.2	33	0	00	8	16	2	0	0	—	15.1	14.0	61	0	131
	MARIUT	00	8	21	3	0	0	—	17	22	44	0	00	7	09	1	0	0	—	17	14	88	0	150
	ALEXANDRIA	00	9	22	2	0	0	—	16.6	21.0	46	0	00	6	10	2	0	0	—	17.4	16.0	69	0	132
	DAMIETTA	01	8	20	2	1	4	6	16.6	22.2	51	0	09	5	12	1	1	0	—	17.6	15.1	78	0	159
	PORT SA'ÎD	00	8	28	2	0	2	2	16.8	21.9	58	0	00	8	12	3	0	0	—	18.3	17.0	83	0	134
	EL 'ARÎSH	00	9	28	3	0	0	—	16.7	20.8	64	0	00	9	14	2	0	0	—	18.3	16.6	96	0	135
Lower Egypt	DAMANHÛR	00	7	20	3	0	0	—	16.6	22.8	42	0	00	5	20	3	0	0	—	17.1	15.8	76	0	136
	MANSÛRA	01	8	20	1	1	3	8	16.8	23.8	46	0	00	6	08	1	1	0	—	18.4	15.0	78	0	137
	TANTA	00	8	24	1	0	0	—	16.7	22.3	47	0	00	8	20	1	0	0	—	17.9	16.8	68		138
	ZAGAZIG	00	6	24	2	0	0	—	17.0	22.2	55	0	00	6	16	1	0	0	—	18.3	16.0	79	0	139
	SHEBÎN EL KÔM	00	8	12	2	0	0	—	17.4	25.1	43	0	00	7	02	2	0	0	—	18.2	16.8	70	0	—
Middle Egypt	CAIRO ALMÂZA	00	8	20	1	0	3	8	16.8	23.5	40	0	00	7	10	1	0	0	—	17.9	17.4	57	0	141
	CAIRO EZBEKÎYA	00	7	18	2	0	1	8	17.5	22.7	35	0	00	7	00	0	0	0	—	18.6	16.3	69	0	—
	CAIRO GÎZA	00	8	10	1	0	0	—	17.5	23.6	44	0	05	6	00	0	0	0	—	18.4	13.9	65	0	—
	HELWÂN	00	8	00	0	0	0	—	17.2	21.0	47	0	00	7	00	0	0	0	—	18.4	17.0	54	0	143
	SUEZ	01	9	02	1	1	4	8	17.1	24.4	32	0	00	9	30	1	0	0	—	18.6	18.9	63	0	144
Upper Egypt	FAIYÛM	00	8	00	0	0	0	—	17.2	23.0	43	0	00	8	00	0	0	0	—	18.3	14.0	74	0	153
	MINYA	00	8	08	2	1	0	—	17.4	23.0	28	0	01	7	32	1	1	3	1	19.2	15.0	66	0	154
	ASYÛT	00	8	00	0	0	0	—	17.0	22.0	43	0	00	6	00	0	0	0	—	18.0	14.3	76	0	155
	NAG HAMÂDI	00	8	00	0	0	0	—	16.7	22.6	46	0	00	8	00	0	0	0	—	17.2	14.0	76	0	164
	QENA	00	8	24	2	0	0	—	16.3	21.2	48	0	00	6	24	2	0	0	—	16.7	15.4	70	0	156
	LUXOR	00	7	26	2	0	0	—	16.8	23.0	38	0	00	6	32	1	0	0	—	17.2	16.4	47	0	157
	ASWÂN	00	9	30	2	0	0	—	15.5	23.0	30	0	00	9	00	0	0	0	—	16.8	20.0	25	0	158
Western Desert	SÎWA	00	8	14	4	0	0	—	16.3	22.2	50	0	00	7	00	0	0	0	—	15.4	17.8	72	0	148
	BAHARÎYA	00	9	00	0	0	0	—	17.6	23.0	59	0												149
	KHÂRGA	00	9	32	1	1	3	2	14.4	20.8	43	0	00	9	32	1	0	0	—	16.6	14.2	56	0	151
	DAKHLA	00	9	28	1	0	0	—	16.4	21.5	62	0	00	8	28	2	0	0	—	19.0	13.3	66	0	152
Red Sea	TÔR	00	7	04	3	0	0	—	16.2	23.9	47	0	00	7	28	3	0	0	—	16.8	22.2	41	0	145
	HURGHÂDA	00	8	04	2	0	0	—	15.6	22.8	54	0	00	8	24	1	0	0	—	16.6	16.6	65	0	146
	QUSEIR	00	8	32	2	1	3	3	15.9	24.2	60	0	00	8	28	2	1	0	—	16.0	22.6	64	0	147
	PORT SÛDÂN	01	8	04	6	1	4	8,4	12	28	55	0												169
North Sûdân	WÂDI HALFA	00	8	32	2	0	1	1	15	22	23													165
	KAREIMA																							166
	'ATBARA	01	8	28	2	1	3	1	11	29	18													167
	KHARTÛM	00	8	28	3	0	1	1	10	31	08													168
	KASSALA	00	8	30	1	0	0	—	7	35	30													170
Central Sûdân	WAD MEDANI	00	8	32	4	0	0	—	10	32	17													171
	RENK	00	9	28	3	0	0	—	6	33	32													182
	ROSEIRES	00	8	24	1	0	0	—	7	36	19													172
	EL OBEID	00	9	02	2	0	0	—	9	31	08													174
	EL FÂSHER	00	9	10	2	0	2	1	—	29	19													175
	GENEINA	00	8	22	2	0	0	—	—	32	17													179
	KADUGLI	00	8	04	4	0	1	1	7	36	13													187
S. Sûdân	MALAKÂL	00	8	04	4	0	0	—	7	34	27													176
	WÂU	00	8	32	3	0	0	—	7	34	18													177
	JUBA	05	7	30	3	0	4	8,1	6	34	32													178

At 8h. on FRIDAY 6th (الساعة ٨ يوم الجمعة ٦)

Region	Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Norm. from Oct. 1 mms.
Mediterranean	SALÛM												—		—				24
	MATRÛH	00	9	18	4	0	0	—	13.9	-4.3	14.0	21	0	10	-2	49	0	29	44
	MARIUT	00	7	00	0	0	0	—	17		15	22	—	10	—	72	0	35	40
	ALEXANDRIA	00	9	16	2	0	0	—	16.7	-1.8	16.4	22	0	12	-2	60	0	28	50
	DAMIETTA	00	8	12	2	4	0	—	17.4	-0.3	16.8	23	—	12	—	83	0	3	25
	PORT SA'ÎD	00	8	12	3	0	2	2	17.8	+0.5	18.1	23	+1	15	+1	73	0	4	17
	EL 'ARÎSH	00	9	12	3	0	0	—	17.9	-0.6	16.1	23	+1	11	+1	74	0	10	20
Lower Egypt	DAMANHÛR	00	6	20	3	0	0	—	18.2	-0.4	15.3	23	0	13	+2	82	0	44	20
	MANSÛRA	00	8	08	1	0	0	—	17.2	-1.0	13.8	25	+2	11	0	74	0	5	11
	TANTA	00	8	12	2	0	0	—	16.8	-2.0	14.4	22	-1	10	0	81	0	de.	9
	ZAGAZIG	00	6	08	1	0	0	—	17.8	-0.9	15.0	25	+2	10	0	78	0	de.	7
	SHEBÎN EL KÔM	00	8	04	2	0	0	—	17.5	-1.2	11.9	26	—	10	—	87	0	de.	—
Middle Egypt	CAIRO ALMAZA	05	5	00	0	0	3	1	16.5	-2.0	15.1	24	—	12	—	70	0	de.	—
	CAIRO EZBEKÎYA	05	5	14	1	1	4	1	17.8	-0.7	16.1	24	+1	11	0	58	0	de.	5
	CAIRO GÎZA	05	6	12	1	1	4	1	17.6	-1.0	15.8	24	+2	12	+3	72	0	de.	6
	HELWÂN	09	5	00	0	0	3	1	17.4	-1.6	13.9	22	0	11	0	75	0	de.	4
	SUEZ	00	9	00	0	0	0	—	17.8	0.0	17.3	25	+2	10	-2	69	0	de.	6
Upper Egypt	FAIYÛM	02	8	00	0	2	6	6	17.4	-1.5	10.3	24	0	8	-2	75	0	de.	0
	MINYA	01	7	32	1	1	3	1	19.4	+0.2	15.4	23	0	11	+1	60	0	de.	—
	ASYÛT	00	7	02	1	0	0	—	17.8	-1.3	13.1	24	+1	8	-1	65	0	0	2
	NAG HAMÂDI	00	8	00	0	0	0	—	17.9	+0.6	16.0	25	—	6	—	61	0	0	—
	QENA	01	7	28	2	0	3	1	17.5	-0.6	16.6	23	-3	9	-1	55	0	0	—
	LUXOR	00	7	28	2	0	0	—	16.8	-1.0	16.9	25	-2	7	-2	44	0	0	—
	ASWÂN	00	9	02	1	0	0	—	17.2	-0.6	15.0	24	-3	11	-2	28	0	0	—
Western Desert	SÎWA	00	7	00	0	0	0	—	14.6	-5.1	13.2	22	0	11	+5	64	0	0	1
	BAHARÎYA																	0	2
	KHÂRGA	00	9	02	1	0	0	—	17.4	-1.3	11.0	22	-4	7	-2	71	0	0	—
	DÂKHLA	00	8	24	1	0	0	—	18.2	-1.1	8.3	22	-2	5	-3	66	0	0	—
Red Sea	TÔR	00	7	04	3	0	0	—	16.2	-0.8	12.8	25	+1	10	-1	65	0	0	4
	HURGHÂDA	00	8	26	2	0	0	—	17.0	-0.2	18.4	23	-2	12	-1	66	0	0	2
	QUSEIR	00	8	26	3	1	3	6	16.3	-0.6	19.7	24	-1	17	0	66	0	0	3
	PORT SÛDÂN	00	8	30	4	0	2	8,4	15		26					62	0	138	63
North Sûdân	WÂDI HALFA	01	8	04	1	1	5	2	16		12					47	0	de.	—
	KAREIMA	00	8	04	1	0	0	—	15		16					42	0	de.	1
	'ATBARA	00	8	32	2	0	0	—	14		19					46	0	de.	2
	KHARTÛM	00	8	02	3	0	0	—	14		21					21	0	2	4
	KASSALA	00	8	00	0	0	0	—	12		23					87	0	1	8
Central Sûdân	WAD MEDANI	00	9	04	1	0	0	—	13		20					43	0	15	12
	RENK	00	9	04	3	0	0	—	11		25		—		—	48	—	—	49
	ROSEIRES	00	8	20	1	0	0	—	13		20					56	0	21	36
	EL OBEID	00	8	32	3	0	1	1	14		21					17	0	69	16
	EL FÂSHER	00	9	30	1	0	0	—	—	—	16					42	0	4	6
	GENEINA								—	—			—		—			—	4
	KADUGLI	00	8	04	3	0	0	—	11		27		—		—	23	—	—	89
S. Sûdân	MALAKÂL	00	8	02	3	0	0	—	12		23					47	0	112	87
	WÂU	00	8	00	0	0	0	—	12		20					64	0	159	142
	JUBA	05	5	14	3	1	1	4	11		24					65	0	212	128

UPPER WINDS ON 5th (الرياح العليا يوم ٥)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT 12 h. 30 m.	PORT SA'ÎD h. m.	ALMÂZA 12 h. 30 m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13 h. 15 m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA 13 h. m.	EL OBEID 13 h. m.	MALAKAL h. m.	JUBA 13 h. 15 m.
	02 23 20		02 23 05				09 05 10			09 35 10	09 07 20		09 02 10
	06 23 20		06 24 05				15 04 15			15 35 15	15 03 15		15 03 10
	09 21 30		09 22 05				21 27 10			21 32 10	21 35 20		21 04 20
	12 21 25		15 24 10				24 27 10			27 28 05	27 32 20		27 06 15
	15 19 20		21 25 10				33 27 20				33 30 10		30 08 20
	18 21 15		27 29 20				39 25 30				39 23 15		
	21 24 15		30 27 25										
	24 23 10												
	27 26 15												

UPPER WINDS ON 6th (الرياح العليا يوم ٦)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH 6 h. 30 m.	MARIUT 7 h. 15 m.	PORT SA'ÎD h. m.	HELWÂN h. m.	MINYA 7 h. m.	ASYÛT h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI HALFA 7 h. 15 m.	ABU HAMAD 7 h. m.	KAREIMA 7 h. m.	KHARTÛM 7 h. m.
03 18 30	03 14 20			03 08 10				09 09 10	09 07 15	09 35 15	09 06 20
06 18 65	06 14 38			06 08 10				15 25 05	15 11 05	15 31 20	15 35 25
09 18 65	09 14 40			09 05 15				21 22 15	21 28 10	21 31 40	21 24 25
	12 16 35			12 07 30				27 25 15	27 27 20	27 29 25	24 35 40
	15 19 36			15 06 15				33 31 25	33 33 25	33 28 20	
	18 21 30			18 36 10					39 31 35	39 29 15	
	21 21 20			21 36 10							
	24 19 25										
	27 20 20										

KASSALA 7 h. m.	PORT SÛDÂN 7 h. m.	EL OBEID 7 h. m.	EL FÂSHER 7 h. m.	GENEINA h. m.	MALAKAL 7 h. m.
09 21 05	09 04 20	09 06 35	09 35 15		09 04 60
15 03 10	15 04 10	15 04 30	15 30 20		15 03 65
21 08 05	21 06 15	21 36 10	21 23 25		21 03 55
27 21 05	27 11 15	27 27 15	27 17 20		27 05 40
33 23 25	33 09 16	33 36 16	33 17 15		33 27 30
39 23 40		39 07 38			

Upper Air Temp

ALMÂZA AT 6 G.M.T. ON 6th

HEIGHT feet	P.P.P m.b.	TT °F	tt °F
Surface	1007	55	54
500	990	66	56
1000	971	65	54
1500	953	64	53
2000	936	62	51
4000	870	52	42
6000	807	62	36
8000	748	46	32
10000	692	38	28
12000	640	32	26
14000	592	26	22
16000	546	17	11

Remarks

Hours are Egyptian standard time, long 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	6 - 12	2026	2083
	5 - 12	2026	2083

Mean of day

Station	Humidity % on 5th	Diff from normal	Wet Bulb Temp °C on 5th	Diff from normal
Alexandria	55	-10	13.5	-0.5
Ezbekiya	52	-17	12.7	+0.1
Gîza	59	-14	13.7	+1.1
Helwân	50	-7	12.4	+0.3

GÎZA — GRASS MINIMUM TEMP. ON 6th 8.7 °C

CAIRO — WATER TEMP RIVER NILE AT 8h. ON 6th 18.6 °C

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	6-12-46				
Nâsser		10.86	+1.15	10.87	+1.11
Malakâl		12.92	+0.71	12.92	+0.70
J. Aulia Res.				377.00	—
J. Aulia D S				372.72	+0.34
Roseires		13.90	+0.67	13.93	+0.70
Sennar Res.		20.70	—	20.71	—
Khartûm		20.04	+0.26	12.02	+0.25
Kh. el Girba					
'Atbara		11.46	+0.37	11.47	+0.37
Kajnarti		135.52	+0.64	135.57	+0.66
Aswân Res.		119.28	—	119.22	—
Aswân D.S		86.94	+0.01	86.93	+0.02
Roda (Cairo)		16.69	+0.46	16.69	+0.43

CYPRUS SYNOPTIC 8h. ON 6th
34780 64755 04365 19171 40300 06143
34887 10964 10123 19130 75400 00160

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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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Time of Sunrise h. m.
Sunset h. m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month *December* 1946 — شهر ديسمبر ١٩٤٦

At 14h. on *Friday* 6 — الساعة ١٤ يوم الجمعة ٦

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 8-14 mms	STATION NUMBER
MEDITERRANEAN: SALÛM												130
MATRÛH	05	8	20	5	3	0	–	11.2	22.2	24	0	131
MARIUT	00	9	16	3	0	0	–	14	23	28	0	150
ALEXANDRIA	00	9	16	3	0	0	–	13.5	22.0	38	0	132
DAMIETTA	00	8	12	3	0	0	–	14.4	21.0	65	0	159
PORT SA'ÎD	00	8	10	2	0	2	2	14.8	21.2	58	0	134
EL 'ARÎSH	00	9	18	1	0	0	–	15.0	24.6	54	0	135
LOWER EGYPT: DAMANHÛR	00	7	20	3	0	0	–	14.3	23.4	42	0	136
MANSÛRA	00	8	08	1	0	0	–	14.8	24.8	38	0	137
TANTA	00	8	08	2	0	0	–	13.8	23.6	42	0	138
ZAGAZIG	00	6	16	1	0	0	–	14.4	24.5	57	0	139
SHEBÎN EL KÔM	00	8	14	3	0	0	–	15.1	24.9	42	0	—
MIDDLE EGYPT: CAIRO ALMÂZA	00	8	20	2	0	0	–	14.3	23.9	34	0	141
CAIRO EZBEKÎYA	00	8	16	2	0	0	–	14.8	23.2	37	0	—
CAIRO GÎZA	00	7	16	1	0	0	–	14.7	23.8	38	0	—
HELWÂN	00	8	18	1	0	0	–	14.6	22.1	36	0	143
SUEZ	00	9	32	1	0	0	–	15.0	24.2	32	0	144
UPPER EGYPT: FAIYÛM	00	8	22	1	0	0	–	14.6	23.0	42	0	153
MINYA	01	8	16	2	1	4	3		22.5	41	0	154
ASYÛT	00	8	10	1	0	0	–	14.2	23.3	43	0	155
NAG' HAMÂDI	00	8	00	0	0	0	–	14.0	25.8	44	0	164
QENA	01	8	16	1	1	3	1	13.5	23.0	43	0	158
LUXOR	00	7	14	2	0	0	–	16.5	26.8	38	0	157
ASWÂN	00	9	24	1	0	0	–	12.8	27.0	26	0	158
WESTERN DESERT: SÎWA	00	8	20	4	0	0	–	12.6	20.0	47	0	148
BAHARÎYA	00	9	00	0	0	0	–		21.0	57	0	149
KHÂRGA												151
DAKHLA	00	9	28	1	0	0	–	14.0	21.8	59	0	152
RED SEA: TÔR	00	7	28	8	0	0	–	10.2	30.1	49	0	145
HURGHADA	01	8	02	2	1	3	1	14.2	24.2	60	0	146
QUSEIR	00	8	32	2	0	–	–	14.9	24.2	69	0	147
PORT SUDÂN	00	9	04	4	1	2	8	11	28	66		165
NORTH SÛDÂN: WADI HALFA	00	8	28	2	1	3	1	13	26	20		165
KAREIMA	00	8	00	0	0	0	–	11	29	17		166
'ATBARA	00	8	30	2	0	0	–	9	31	24		167
KHARTÛM	00	8	32	2	0	0	–	9	32	09		168
KASSALA	00	8	00	0	0	0	–	6	35	22		170
CENTRAL SÛDÂN: WAD MEDANI	00	8	32	4	0	0	–	8	33	27		171
RENK	00	9	28	3	0	0	–		33	32		182
ROSEIRES	00	8	28	3	0	0	–	8	36	20		172
EL OBEID	00	9	32	3	0	1	1	7	33	09		174
EL FÂSHER	00	9	00	0	0	0	–	–	32	26		175
GENEINA	00	8	22	2	0	0	–	–	33	16		179
KADUGLI	00	8	04	4	0	3	1	7	37	10		187
S. SÛDÂN: MALAKÂL	00	8	32	3	0	0	–	6	34	25		176
WÂU	00	8	02	3	0	0	–	6	34	20		177
JUBA	01	7	30	2	1	5	8,1	5	35	35		178

At 20h. on *Friday* 6 — الساعة ٢٠ يوم الجمعة ٦

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 14-20 mms
MEDITERRANEAN: SALÛM											
MATRÛH	00	8	18	1	0	0	–	9.4	17.8	81	0
MARIUT	00	7	15	2	0	0	–	13	15	72	0
ALEXANDRIA	00	6	16	2	0	0	–	13.4	17.0	63	0
DAMIETTA	00	8	10	1	0	0	–	14.0	15.8	89	0
PORT SA'ÎD	00	8	08	2	0	0	–	14.4	18.3	70	0
EL 'ARÎSH	00	9	18	2	0	0	–		15.9	91	0
LOWER EGYPT: DAMANHÛR	00	5	20	3	0	0	–	14.0	16.8	76	0
MANSÛRA	00	6	32	1	0	0	–	14.4	14.8	70	0
TANTA	00	8	20	2	0	0	–	14.0	16.0	54	0
ZAGAZIG	00	6	32	2	0	0	–	13.9	16.8	70	0
SHEBÎN EL KÔM	00	7	22	2	0	0	–	14.7	16.9	59	0
MIDDLE EGYPT: CAIRO ALMÂZA	00	8	18	1	0	0	–	14.5	16.7	50	0
CAIRO EZBEKÎYA	00	7	14	1	0	0	–	15.2	16.5	46	0
CAIRO GÎZA	00	7	14	1	0	0	–	15.0	16.6	56	0
HELWÂN	00	7	16	1	0	0	–	14.7	17.1	43	0
SUEZ	00	9	32	1	0	0	–	15.2	20.3	62	0
UPPER EGYPT: FAIYÛM	00	8	22	2	0	0	–	14.3	16.9	50	0
MINYA	00	8	32	1	1	0	–	14.0	16.4	60	0
ASYÛT	00	6	02	1	0	0	–	15.2	14.8	81	0
NAG' HAMÂDI	00	8	00	0	0	0	–	14.7	14.3	77	0
QENA	01	6	22	2	1	4	3	14.3	15.0	82	0
LUXOR	00	6	32	1	0	0	–	15.0	17.4	49	0
ASWÂN	00	9	00	0	0	0	–	14.6	22.3	35	0
WESTERN DESERT: SÎWA	00	6	00	0	0	0	–	13.0	17.0	61	0
BAHARÎYA	00		00	0	0	0	–		17.0	75	0
KHÂRGA	00	9	16	1	0	0	–	13.6	16.0	50	
DAKHLA	00	6	28	1	0	0	–	16.5	9.0	61	0
RED SEA: TÔR	00	7	28	2	0	0	–	15.2	17.8	45	0
HURGHADA	00	6	04	1	0	0	–	14.2	17.6	67	0
QUSEIR	00	8	32	2	0	0	–	14.7	23.9	62	0
PORT SUDÂN	00	7	28	2	0	0	–	15.2	17.8	45	0
NORTH SÛDÂN: WADI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN: WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN: MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 6 — الرياح العليا ٦

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SAÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.
	12 h. 05 m.	12 h. 30 m.		13 h. m.			13 h. 15 m.		13 h. m.	12 h. 45 m.	13 h. m.	13 h. m.	13 h. m.
	03 18 20	03 12 15		03 21 05			01 24 05		01 35 15	01 21 05	01 05 25	01 03 20	01 03 05
	06 13 35	06 13 20		06 20 20			15 25 20		15 34 35	15 23 15	15 06 30	15 04 25	15 14 10
	09 17 30	09 14 15		09 19 35			21 27 40		21 39 25	21 32 20	21 03 15	21 05 20	21 15 10
	15 19 10	12 17 20		12 18 35			27 29 25		24 02 05	27 28 15	27 04 10	27 06 30	27 19 05
	21 19 20	15 18 15		15 19 30			33 25 30			33 29 15		33 06 35	33 07 10
	27 19 40	18 19 20		18 17 25			39 25 35			39 30 20		39 08 35	39 10 05
	30 24 05	21 18 20		21 18 25									
	36 20 50			27 21 25									
	39 21 50			30 22 30									

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

KASSALA 7 h. m.	PORT SUDÂN 7 h. m.	EL OBEID 7 h. m.	EL FÂSHER 7 h. 15 m.	GENEINA 7 h. 15 m.	MALAKAL 7 h. m.
09 02 20	09 33 05	09 07 30	09 02 15	09 06 20	09 07 20
15 01 10	15 31 05	15 04 35	15 09 25	15 04 40	15 02 35
21 32 05	21 29 10	21 00 30	21 12 20	21 05 40	21 02 45
	27 30 05	27 06 20	27 14 05	27 10 45	24 36 40
		39 06 20	33 15 05	39 22 05	
				45 23 15	

UPPER WINDS ON 7 — الرياح العليا ٧

Remarks

Hours are Egyptian standard time, long 30 E. and are two hours fast on Greenwich mean time

STATION	Mean of day HUMIDITY % on 6	Diff from normal	WET BULB TEMP on 6	Diff from normal
Alexandria	56	-9	13.0	-0.9
Ezbekiya	45	-24	12.6	+0.1
Giza	57	-16	13.4	+0.9
Helwân	54	-3	12.3	+0.3

GÎZA — GRASS MINIMUM TEMP ON 7 — 6.0 °C

CAIRO — WATER TEMP RIVER NILE ON 7 — 18.3 °C AT 9h.

GAUGE	Date 1946	Reading in.	Diff from normal in.	Previous day Reading in.	Previous day Diff from normal in.
Jûba	6			10.86	+1.15
Nâsser		12.93	+0.72	12.93	+0.71
Malakâl					
J. Aulia Res.					
J. Aulia D.S.					
Roseires		13.86	+0.68	13.90	+0.67
Sennar Res.				20.70	—
Khartûm				12.04	+0.26
Kh. el Girba					
Atbara				11.46	+0.37
Kajnarti				135.52	+0.64
Aswân Res.		119.33	—	119.28	—
Aswân D.S.		86.93	0.00	86.94	+0.01
Roda (Cairo)		16.69	+0.09	16.69	+0.06

Discharges at Aswan measured by sluices m³ per sec.	DATE	1946	1945
	7-12	2026	2083
	6-12	2026	2083

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on *Saturday* 7 — الساعة ٨ يوم السبت ٧

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs. PPP	BAR PRESSURE Diff. from normal in mbs.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C TX	MAXIMUM Diff. from norm °C	MINIMUM Today °C TN	MINIMUM Diff. from norm °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	RAINFALL Total From Oct. 1 mms	RAINFALL Norm From Oct. 1 mms
MEDITERRANEAN: SALÛM													—	—				25
MATRÛH	00	9	24	2	0	0	–	13.4	-4.8	11.8	23	+2	10	-2	86	0	29	45
MARIUT	00	7	22	1	0	0	–	13		12	24	—	10	—	77	0	35	42
ALEXANDRIA	00	8	22	2	0	0	–	13.2	-5.3	18.8	22	0	13	-1	86	0	28	52
DAMIETTA	00	8	16	3	0	0	–	13.5	-4.2	14.9	23	—	10	—	67	0	3	26
PORT SA'ÎD	00	7	14	2	0	0	–	14.0	-3.4	15.8	23	+1	12	-1	64	0	4	18
EL 'ARÎSH	00	9	14	2	0	0	–	14.0	-4.5	15.3	26	+4	9	-1	71	0	10	20
LOWER EGYPT: DAMANHÛR	00	6	24	3	0	0	–	13.2	-5.4	11.4	24	+1	10	-1	63	0	44	20
MANSÛRA	00	8	12	2	0	0	–	13.8	-4.4	11.0	26	+3	9	-2	75	0	5	11
TANTA	00	8	18	2	0	0	–	13.6	-5.3	13.8	24	+1	10	0	58	0	tr.	9
ZAGAZIG	00	6	20	2	0	0	–	13.6	-5.5	12.6	26	+3	11	+1	21	0	tr.	7
SHEBÎN EL KÔM	00	8	14	2	0	0	–	15.1	-3.6	12.4	26	—	10	—	62	0	tr.	—
MIDDLE EGYPT: CAIRO ALMAZA	00	7	19	2	0	0	–	14.4	-4.1	16.3	24	—	11	—	50	0	tr.	—
CAIRO EZBEKÎYA	00	5	16	2	0	0	–	15.5	-3.0	14.0	25	+2	12	+1	57	0	tr.	5
CAIRO GÎZA	00	7	18	1	0	0	–	15.6	-3.0	15.0	25	+3	10	+1	59	0	tr.	6
HELWÂN	00	7	00	0	0	0	–	15.2	-3.8	12.6	23	+1	11	0	57	0	tr.	4
SUEZ	00	9	00	0	0	0	–	15.6	-2.2	19.8	26	+3	10	-2	64	0	tr.	6
UPPER EGYPT: FAIYÛM	00	8	00	0	0	0	–	15.4	-3.4	10.7	24	0	8	-2	67	0	tr.	0
MINYA	00	8	16	2	0	0	–	16.2	-2.0	14.8	24	+1	10	+1	60	0	tr.	—
ASYÛT	00	7	00	0	0	0	–	16.2	-2.0	14.1	25	+2	9	0	56	0	0	2
NAG' HAMÂDI	00	8	00	0	0	0	–	16.0	-1.9	16.6	26	—	7	—	62	0	0	—
QENA	00	7	28	2	0	0	–	14.3	-3.9	13.8	25	-1	7	-3	62	0	0	—
LUXOR	00	7	20	2	0	0	–	16.0	-1.9	15.8	27	-1	8	+1	42	0	0	—
ASWÂN	00	9	00	0	0	0	–	15.4	-2.5	19.0	28	+1	14	+1	46	0	0	—
WESTERN DESERT: SÎWA	00	7	00	0	0	0	–	16.7	-3.1	9.2	26	+4	5	-1	62	0	0	1
BAHARÎYA	00	9	32	1	0	0	–			16.0					74	0	0	2
KHÂRGA	00	9	26	1	0	0	–	15.6	-3.1	10.0	24	-1	6	-3	62	0	0	—
DÂKHLA	00	8	00	0	0	0	–	17.2	-2.2	7.0	23	-1	5	-3	71	0	0	—
RED SEA: TÔR	00	7	04	4	0	0	–	13.6	-3.4	10.5	—	—	10	-1	53	0	0	4
HURGHÂDA	00	8	26	3	0	0	–	14.2	-3.0	18.1	26	+2	12	-1	60	0	0	2
QUSEIR	00	8	28	2	0	0	–	13.8	-3.1	20.0	25	0	18	+1	74	0	0	4
PORT SÛDÂN	00	9	26	1	0	2	4	14		25					79	0	138	63
NORTH SÛDÂN: WÂDI HALFA	01	8	00	0	1	3	1	16		12					47	0	tr.	
KAREIMA	00	8	00	0	0	0	–	15		17					52	0	tr.	1
'ATBARA	00	8	32	2	1	0	–	13		21					47	0	tr.	2
KHARTÛM	00	8	02	2	0	0	–	14		22					20	0	2	4
KASSALA	00	8	00	0	0	0	–	13		22					61	0	1	8
CENTRAL SÛDÂN: WAD MEDANI	00	7	04	3	0	0	–	13		21					35	0	15	12
RENK	00	7	04	3	0	0	–	11		24					47	—	—	49
ROSEIRES	00	8	24	1	0	0	–	10		21					50	0	21	36
EL OBEID	01	7	02	1	0	4	1	14		22					13	0	69	16
EL FÂSHER	01	8	04	2	0	3	1	—	—	16					45	0	6	6
GENEINA	00	8	32	1	0	2	1	—	—	16	—	—	—	—	52	—	—	4
KADUGLI	00	8	27	3	0	1	1	12		24	—	—	—	—	22	—	—	89
S. SÛDÂN: MALAKÂL	00	8	02	3	0	0	–	11		23					41	0	112	87
WÂU	00	8	00	0	0	0	–	12		21					65	0	169	142
JUBA	05	6	14	2	1	4	8	11		24					79	0	212	128

UPPER WINDS ON 7 — الرياح العليا ٧

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH 7 h. m.	MARIUT 7 h. m.	PORT SAÎD 7 h. 15 m.	HELWÂN 7 h. m.	MINYA 7 h. m.	ASYÛT 7 h. m.	LUXOR 7 h. 15 m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h. m.	ABU HAMAD 7 h. m.	KAREIMA 7 h. m.	KHARTÛM 6 h. 30 m.
03 28 50	03 27 30	03 22 30	02 18 15	03 22 15	02 22 05	03 30 05	05 05 05	09 31 15	09 01 10	09 06 05	09 02 30
06 29 55	06 30 30	06 29 30	05 21 30	06 25 25	05 27 15	06 29 05	10 23 20	15 27 20	15 34 15	15 02 15	15 02 55
	09 26 30	09 26 25	08 23 40	09 26 25	10 27 25	09 29 05	15 25 10	21 27 25	21 31 15	21 33 25	21 01 30
	15 23 35		10 23 40	15 28 30	15 31 30	15 23 10			27 28 15	27 35 35	27 36 10
			15 24 50	21 29 30					36 25 15	39 27 05	33 27 15
			20 29 40								
			23 26 40								
			25 26 40								
			30 26 40								

CYPRUS	SYNOPTIC 8h. ON 7				
34110	01863	00063	12171	40803	33150
34080	01853	14298	12161	40708	31122

UPPER AIR TEMP. ALMÂZA AT 6 — GMT ON 7

HEIGHT FEET	PPP mb.	TT °C	TD °C
Surface	1003	57	01
500	985	60	52
1000	967	62	50
1500	950	62.8	00
2000	934	61	49
4000	866	03	43
6000	803	46	37
8000	745	36	28
10000	689	31	20
12000	638	25	22
14000	590	19	17
16000	544	16	14

ANNUAL SUBSCRIPTION P.T. 150

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.

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Duet Devils	00
Distant Lightning	07
Light Mist	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
" Snow	83, 84
" Sleet	85, 86
" Hail	88, 89
Thunderstorm	90-99
" under new 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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

CAIRO
Time of Sunrise 06 38 (h. m.)
Sunset 16 55

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month DECEMBER 1946 — شهر ديسمبر ١٩٤٦

At 14h. on SATURDAY 7th (الساعة ١٤ يوم ٧) — At 20h. on 7th (الساعة ٢٠ يوم السبت ٧)

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	26	3	0	0	—	12.6	20.3	34	0	00	9	22	3	0	0	—	14.0	14.8	43	0	131
MARIUT	00	7	25	4	0	0	—	13	20	46	0	00	7	21	2	0	2	6	14	15	59	0	150
ALEXANDRIA	00	8	24	5	0	0	—	13.2	19.2	51	0	01	6	20	3	1	4	8	15.0	15.0	58	0	132
DAMIETTA	01	8	20	3	1	4	6	12.4	21.0	61	0	00	8	20	2	1	0	—	14.0	13.4	73	0	159
PORT SA'ÎD	00	7	22	4	0	0	—	12.8	20.1	52	0	00	7	24	3	0	3	8	14.8	16.3	56	0	134
EL 'ARÎSH	00	9	30	3	0	0	—	13.0	21.1	44	0	00	9	24	1	0	0	—		16.7	81	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	28	4	0	0	—	13.5	20.6	38	0	00	5	28	3	0	0	—	14.8	13.8	60	0	136
MANSÛRA	00	8	24	2	0	0	—	13.0	21.8	53	0	00	6	32	1	0	0	—	15.4	13.6	62	0	137
TANTA	00	8	24	2	0	0	—	13.5	19.6	31	0	00	8	00	0	0	0	—	15.1	11.8	65	0	138
ZAGAZIG	00	6	24	2	0	0	—	13.5	20.4	42	0	00		24	2	0	0	—	15.5	13.0	55	0	139
SHEBÎN EL KÔM	00	8	22	3	0	0	—	14.0	22.4	26	0	00	7	22	2	0	0	—	16.0	12.4	54	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	26	1	0	0	—	13.5	21.8	41	0	00	7	22	1	0	0	—	16.0	14.0	42	0	141
CAIRO EZBEKÎYA	05	7	20	2	0	0	—	13.9	21.9	30	0	00	7	00	0	0	0	—	16.0	14.9	42	0	—
CAIRO GÎZA	00	7	24	3	0	0	—	14.3	22.8	31	0	00	7	00	0	0	0	—	16.0	9.9	65	0	—
HELWÂN	00	7	00	0	0	0	—	13.9	21.0	34	0	00	7	28	1	0	0	—	16.2	15.0	25	0	143
SUEZ	00	9	02	1	0	0	—	13.6	25.4	31	0	00	9	02	2	0	0	—	16.4	20.7?	45	0	144
UPPER EGYPT																							
FAIYÛM	00	8	30	1	0	0	—	14.7	21.6	30	0	00	8	00	0	0	0	—	16.3	11.9	59	0	153
MINYA	00	9	32	2	0	0	—	15.1	21.4	35	0	00	8	32	2	0	0	—	16.6	15.8	80	0	154
ASYÛT	00	8	24	1	0	0	—	15.0	22.0	31	0	00	6	22	1	0	0	—	16.7	13.2	74	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	14.3	24.3	36	0	00	8	00	0	0	0	—	16.0	15.0	61	0	184
QENA	00	8	24	2	0	0	—	13.5	23.0	38	0	00	6	24	2	0	0	—	14.8	16.4	56	0	156
LUXOR	00	7	30	2	0	0	—	14.6	25.0	47	0	00	6	32	1	0	0	—	15.5	16.8	35	0	157
ASWÂN	00	9	24	1	0	0	—	13.4	26.8	25	0	00	9	00	0	0	0	—	14.6	21.0	41	0	158
WESTERN DESERT																							
SÎWA	00	8	24	4	0	0	—	15.8	19.8	54	0	00		00	0	0	0	—	16.2	14.0	67	0	148
BAHARÎYA	00	9	00	0	0	0	—	16.6	22.0	58	0	00		32	1	0	0	—	17.1	16.0	69	0	149
KHÂRGA	00	9	08	1	0	0	—	14.5	22.0	39	0	00	9	32	1	0	0	—	16.0	19.5	28	0	151
DAKHLA	00	9	28	1	0	0	—	14.5	22.0	60	0	00	6	28	2	0	0	—	17.4			0	152
RED SEA																							
TÔR	00	7	28	3	0	0	—	13.6	24.5	36	0	00	7	28	3	0	0	—	13.9	18.9	37	0	145
HURGHADA	00	8	02	3	0	0	—	12.6	24.6	50	0	00	8	24	2	0	0	—	13.6	17.4	65	0	146
QUSEIR	00	8	04	2	0	0	—	12.4	25.2	63	0	00	8	02	2	0	0	—	13.4	22.0	64	0	147
PORT SÛDÂN	00	9	08	4	0	1	8	10	28	70													169
NORTH SÛDÂN																							
WÂDI HALFA	00	8	08	2	1	3	1	13	26	16													165
KAREIMA	00	8	00	0	0	0	—	11	32	12													166
'ATBARA	00	8	02	2	0	0	—		33	19													167
KHARTÛM	00	8	06	2	0	0	—	9	34	09													168
KASSALA	00	8	30	2	0	0	—	6	35	23													170
CENTRAL SÛDÂN																							
WAD MEDANI																							171
RENK	00	9	28	3	0	0	—		33	36													182
ROSEIRES	00	8	31	2	0	0	—	8	36	20													172
EL OBEID	00	9	32	4	0	0	—	8	33	07													174
EL FÂSHER	00	8	00	0	1	0	—	—	33	21													175
GENEINA	00	8	04	3	0	0	—	—	33	17													179
KADUGLI	00	8	04	4	0	3	1	7	36	12													187
S. SÛDÂN																							
MALAKÂL	00	8	22	3	0	0	—	7	34	47													176
WÂU	00	8	32	3	0	0	—	6	34	19													177
JUBA	05	6	28	3	1	4	8	6	35	26													178

Upper Winds on 7th (الرياح العليا يوم ٧)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT (12 h. 30 m.)	PORT SA'ÎD	ALMÂZA (12 h. 45 m.)	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA (13 h. 15 m.)	KAREIMA (13 h.)	KHARTÛM (13 h.)	KASSALA (13 h.)	EL OBEID (13 h.)	MALAKAL (13 h. 15 m.)	JUBA (13 h.)
	03 25 65		03 24 15				09 31 20	09 32 15	09 03 15	09 05 05	09 03 45	09 02 45	09 02 20
	06 29 55		06 24 20				15 30 30	15 33 05	15 02 20	15 16 05	15 03 55	15 03 45	15 02 15
	09 28 25		09 25 30				21 27 40	21 30 30	21 03 10	21 11 05	21 01 20	21 03 35	
	12 26 35		12 23 40				27 27 65	27 29 40	27 04 05	27 10 20	27 01 10	27 03 20	
	15 29 20		15 19 20				33 26 55					33 01 25	
	18 26 25		18 19 20										
	21 24 30		21 20 10										
	24 23 40		24 22 05										
	27 22 35												

Remarks

Hours are Egyptian standard time, long 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 7th	Diff from normal	Wet bulb temp °C on 7th	Diff from normal
Alexandria	52	-13	12.9	-0.8
Ezbekiya	43	-26	10.8	-1.6
Gîza	55	-18	10.7	-1.6
Helwân	36	-21	9.8	-2.0

GÎZA — Grass minimum temp. on 8th 3.6 °C

CAIRO — Water temp. River Nile at 8h. on 8th 18.0 °C

Discharges at Aswân measured by sluices m³ per sec.		
Date	1946	1945
8-12	2026	2083
7-12	2026	2083

Gauge	Date (1946)	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	8-12-46				
Nâsser				10.74	+1.09
Malakâl		12.92	+0.73	12.92	+0.72
J. Aulia Res.				377.09	—
J. Aulia D.S.				372.70	+0.34
Roseires		13.82	+0.69	13.86	+0.68
Sennar Res.				20.67	—
Khartûm				12.64	+0.25
Kh. el Girba					
'Atbara				11.46	+0.37
Kajnarti				135.48	+0.63
Aswân Res.		119.33	—	119.33	—
Aswân D.S.		86.93	0.00	86.93	0.00
Roda (Cairo)		16.69	+0.52	16.69	+0.49

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on SUNDAY 8th (الساعة ٨ يوم الأحد ٨)

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms.	Total from Oct. 1 mms.	Norm from Oct 1 mms.
MEDITERRANEAN																		
SALÛM												—		—				26
MATRÛH	00	9	22	2	0	0	—	13.9	-4.3	10.1	22	+1	10	-2	39	0	29	46
MARIUT	00	7	21	4	0	1	8	14		11	21	—	11	—	62	0	35	43
ALEXANDRIA	00	9	20	4	0	0	—	15.1	-3.5	12.4	20	-2	10	-4	40	0	28	54
DAMIETTA	00	8	20	3	0	0	—	14.4	-3.3	10.3	22	—	8	—	59	0	3	26
PORT SA'ÎD	14	6	18	5	3	0	—	15.0	-2.4	12.8	21	-1	11	-2	56	0	4	18
EL 'ARÎSH	00	9	20	1	0	0	—	15.2	-3.4	14.9	21	-1	10	0	66	0	10	21
LOWER EGYPT																		
DAMANHÛR	00	6	24	3	0	0	—	15.4	-3.2	9.0	22	-1	7	-4	51	0	44	21
MANSÛRA	00	8	32	1	0	0	—	15.4	-2.9	9.0	23	0	6	-5	61	0	5	11
TANTA	00	8	16	2	0	0	—	15.2	-3.7	9.0	21	-2	5	-5	51	0	do.	9
ZAGAZIG	00	6	24	2	0	0	—	16.7	-2.1	10.0	22	0	7	-2	73	0	do.	7
SHEBÎN EL KÔM	00	8	22	2	0	0	—	16.7	-2.1	8.1	23	—	7	—	56	0	do.	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	18	1	0	0	—	16.2		11.0	22	—	8	—	50	0	do.	—
CAIRO EZBEKÎYA	05	5	14	3	0	0	—	17.1	-1.5	10.8	23	0	10	-1	50	0	do.	5
CAIRO GÎZA	06	6	12	1	0	0	—	17.0	-1.6	10.1	24	+2	8	-1	60	0	do.	7
HELWÂN	05	6	00	0	0	0	—	17.4	-1.7	10.8	22	+1	9	-2	33	0	do.	5
SUEZ	00	9	00	0	0	0	—	17.5	-0.4	14.6	26	+3	12	0	74	0	do.	6
UPPER EGYPT																		
FAIYÛM	00	8	00	0	0	0	—	17.4	-1.6	9.3	22	-1	6	-3	49	0	do.	0
MINYA	00	8	20	2	0	0	—	18.6	-0.7	12.0	23	+1	7	-2	37	0	do.	—
ASYÛT	00	6	22	1	0	0	—	18.3	-1.0	12.0	23	0	8	-1	42	0	0	2
NAG' HAMÂDI	00	8	00	0	0	0	—	18.0	0.0	13.2	25	—	6	—	61	0	0	—
QENA	00	7	28	3	0	0	—	17.4	-0.9	11.0	25	-1	10	0	64	0	0	—
LUXOR	00	9	28	1	0	0	—	19.1	+1.1	13.4	26	±	8	±	52	0	0	—
ASWÂN	02	9	00	0	1	5	1	17.4	-0.5	16.0	27	+1	12	-1	52	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	18.3	-1.5	8.2	20	-2	3	-3	62	0	0	2
BAHARÎYA	00	9	00	0	0	0	—	18.7	-1.1	16.2	23	0	10	+2	77	0	0	2
KHÂRGA	00	9	24	1	0	0	—			11.0	24	-1	6	-3	43	0	0	—
DÂKHLA	00	7	28	1	0	0	—	19.6	+0.1	7.0	23	-1	5	-3	69	0	0	—
RED SEA																		
TÔR	00	7	04	2	0	0	—	14.8	-2.3	12.9	26	+1	10	-1	47	0	0	4
HURGHÂDA	00	8	26	3	0	0	—	14.7	-2.6	16.6	25	+1	12	-1	36	0	0	2
QUSEIR	00	8	28	2	0	0	—	14.4	-2.6	19.2	27	+2	17	0	48	0	0	4
PORT SÛDÂN																	138	64
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	1	0	2	1	17		13					67	0	do.	—
KAREIMA	01	9	10	1	1	5	2	14		19					28	0	do.	1
'ATBARA	00	8	02	3	0	0	—	13		21					35	0	do.	2
KHARTÛM	00	8	32	2	0	0	—	13		22					31	0	2	4
KASSALA	00	8	32	1	0	0	—	10		27					25	0	1	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	04	4	0	0	—	13		23					41	0	16	12
RENK												—		—		—	—	49
ROSEIRES	00	8	30	1	0	0	—	11		22					47	0	21	36
EL OBEID	00	9	02	4	0	0	—	13		23					41	0	69	16
EL FÂSHER	00	8	32	1	0	0	—	—	—	17					39	0	4	6
GENEINA								—	—			—		—				4
KADUGLI												—		—		—	—	89
S. SÛDÂN																		
MALAKÂL	00	8	02	4	0	1	^	10		24					38	0	112	87
WÂU	00	8	00	0	0	0	—	11		21					61	0	159	142
JUBA	05	7	12	2	1	4	8,1	11		24					22	0	212	129

Upper Winds on 8th (الرياح العليا يوم ٨)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH (7 h. 15 m.)	MARIUT (7 h.)	PORT SA'ÎD	HELWÂN (7 h. 30 m.)	MINYA (7 h. 15 m.)	ASYÛT (8 h.)	LUXOR (7 h.)	ASWÂN (7 h.)	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM (7 h.)
03 18 40	03 25 35		02 18 20		02 34 05	03 33 15	02 36 10				09 04 30
06 19 35	06 25 25		05 21 20	06 31 10	05 35 20	06 36 25	05 01 25				15 36 25
09 18 30	09 23 20		08 26 35	09 30 15	10 28 20	09 35 25	10 34 15				21 34 25
15 21 20	12 20 10		10 25 35	15 25 30			15 30 30				24 33 15
21 19 30	15 21 15		15 23 35	21 27 50			20 30 30				27 25 10
	18 20 15		20 23 40	27 26 30			25 26 65				30 30 10
	21 23 15			33 25 40			30 26 30				39 33 15
	24 24 15			36 22 15			35 26 10				
				39 24 15			40 28 20				

KASSALA (h. m.)	PORT SÛDÂN (h. m.)	EL OBEID (h. m.)	EL FÂSHER (h. m.)	GENEINA (h. m.)	MALAKAL (h. m.)

Cyprus synoptic 8h. on 8th

34770 61864 28254 12131 00300 04061

34883 10864 12115 12110 30301 00091

Upper Air Temp. Almâza at 6 G.M.T. on 8th

Height (feet)	P.P.P (m.b.)	TT (°F)	tt (°F)
Surface	1007	49	42
500	990	53	43
1000	971	52	42
1500	953	52	42
2000	936	51	41
4000	870	41	36
6000	807	34	26
8000	748	34	31
10000	692	32	31
12000	640	27	26
14000	592	20	20
16000	546	12	12

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.

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 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 AMOUNT (N)

- Clear 0
- Trace 1
- 1 Tenth 2
- 2, 3 Tenths 3
- 4, 5, 6 Tenths 4
- 7, 8 Tenths 5
- 9 Tenths 6
- Over 9 Tenths 7
- Overcast 8
- Fog or Dust 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

ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise h. m. 06 38
Sunset h. m. 16 55

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month DECEMBER 1946 — شهر ديسمبر ١٩٤٦

At 14h. on SUNDAY 8th — الساعة ١٤ يوم الأحد ٨ / At 20h. on 8th — الساعة ٢٠ يوم الأحد ٨

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
Mediterranean																							
Salûm																							130
Matrûh	00	9	26	4	0	0	—	11.9	19.9	35	0	00	8	22	2	1	0	—	11.8	14.7	47	0	131
Mariut	00	7	21	5	0	0	—	13	18	40	0	00	7	21	3	0	0	—	13	14	48	0	150
Alexandria	00	9	22	7	0	0	—	13.2	17.4	40	0	00	6	24	6	0	0	—	13.6	15.0	49	0	132
Damietta	00	8	20	4	0	0	—	13.1	17.8	28	0	00	6	18	3	0	0	—	13.5	10.2	60	0	159
Port Sa'îd	05	5	18	6	3	0	—	13.4	17.7	25	0	00	6	18	3	0	0	—	14.3	13.3	51	0	134
El 'Arîsh	00	9	22	2	0	0	—	13.9	19.9	47	0	00	7	24	1	0	0	—	14.8	12.6	81	0	135
Lower Egypt																							
Damanhûr	00	7	24	4	0	0	—	13.6	18.0	30	0	00	6	24	3	0	0	—	15.2	12.0	62	0	136
Mansûra	00	8	20	2	0	0	—	13.9	18.2	29	0	00	6	08	2	0	0	—	14.7	9.6	56	0	137
Tanta	00	8	24	4	0	0	—	13.6	17.0	31	0	00	8	24	3	0	0	—	13.9	10.8	43	0	138
Zagazig	00	6	24	3	0	0	—	14.3	17.6	32	0	00	6	24	2	0	0	—	14.0	10.5	65	0	139
Shebîn el Kôm	00	8	22	4	0	0	—	15.0	18.9	23	0	00	7	30	2	0	0	—	15.2	11.9	50	0	—
Middle Egypt																							
Cairo Almâza	00	7	26	3	0	0	—	14.0	18.8	31	0	05	5	20	1	0	0	—	15.3	11.6	41	0	141
Cairo Ezbekîya	00	7	18	4	0	0	—	14.6	19.1	23	0	00	6	16	1	0	0	—	15.1	12.5	33	0	—
Cairo Gîza	00	7	16	3	0	0	—	14.7	20.2	24	0	00	8	00	0	0	0	—	16.6	9.2	46	0	—
Helwân	05	6	20	3	0	0	—	14.9	17.8	14	0	00	6	00	0	0	0	—	15.8	11.3	45	0	143
Suez	00	9	30	1	0	0	—	14.6	19.3	33	0	00	9	30	2	0	0	—	16.2	17.8	59	0	144
Upper Egypt																							
Faiyûm	00	8	26	2	0	0	—	15.0	19.8	20	0	00	8	26	2	0	0	—	16.0	12.7	40	0	153
Minya	00	9	24	3	0	0	—	16.0	22.0	13	0	00	8	32	2	0	0	—	17.5	11.4	48	0	154
Asyût	00	8	28	1	0	0	—	16.0	19.9	26	0	00	6	22	1	0	0	—	17.4	11.8	45	0	155
Nag' Hamâdi	00	8	00	0	0	0	—	15.9	20.9	28	0	00	8	00	0	0	0	—	17.0	11.3	72	0	164
Qena	02	7	22	3	0	5	3	14.7	20.0	32	0	01	6	24	2	2	4	3	16.2	15.0	33	0	156
Luxor	02	7	22	3	2	5	3	15.9	22.0	22	0	00	6	32	1	0	0	—	17.2	15.8	33	0	157
Aswân	02	9	32	1	1	5	1	14.3	24.0	20	0	00	9	00	0	0	0	—	15.4	19.5	28	0	158
Western Desert																							
Sîwa	00	8	24	3	0	0	—	17.1	19.0	63	0	00	8	00	0	0	0	—	16.3	14.0	67	0	148
Baharîya	00	9	32	1	0	0	—	16.7	22.4	05	0	00	—	00	0	0	0	—	17.5	15.5	74	0	149
Khârga	00	9	24	1	0	0	—	14.8	21.5	30	0	00	9	24	1	0	0	—	17.2	15.2	47	0	151
Dakhla	01	8	28	2	1	4	4	17.1	18.0	44	0	00	6	28	1	0	0	—	19.2	10.0	60	0	152
Red Sea																							
Tôr	00	7	28	3	0	0	—	14.4	20.6	28	0	00	7	28	4	0	0	—	15.1	18.3	50	0	145
Hurghada	00	8	32	4	0	0	—	12.4	22.6	39	0	00	8	33	5	0	0	—	14.3	16.2	37	0	146
Quseir	01	8	04	2	1	3	1	12.7	23.3	59	0	01	8	32	2	1	4	1	13.4	21.6	38	0	147
Port Sûdân																							208
North Sûdân																							
Wâdi Halfa																							165
Kareima																							166
'Atbara																							167
Khartûm																							269
Kassala																							170
Central Sûdân																							
Wad Medani																							171
Renk																							182
Roseires																							172
El Obeid																							174
El Fâsher																							175
Geneina																							179
Kadugli																							187
S. Sûdân																							
Malakâl																							176
Wâu																							177
Juba																							178

At 8h. on MONDAY 9th — الساعة ٨ يوم الاثنين ٩

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total From Oct. 1 mms.	Norm. From Oct. 1 mms.
Mediterranean																		
Salûm												—		—				26
Matrûh	00	9	22	4	0	0	—	10.8	-7.4	10.8	22	+1	9	-3	39	0	29	47
Mariut	00	7	20	4	0	0	—	12		11	18	—	10	—	62	0	35	44
Alexandria	00	9	20	4	0	0	—	12.6	-6.0	12.0	18	-4	9	-4	47	0	28	56
Damietta	00	8	18	3	0	2	4	13.2	-4.6	9.2	18	—	7	—	74	0	3	27
Port Sa'îd	14	7	18	6	3	4	2	13.5	-3.9	12.9	18	-3	10	-3	57	0	4	19
El 'Arîsh	00	9	22	2	0	0	—	14.4	-4.2	14.8	21	-1	—	—	39	0	10	22
Lower Egypt																		
Damanhûr	00	6	24	5	0	0	—	13.4	-5.2	10.2	19	-3	9	-2	65	0	44	21
Mansûra	00	8	32	2	0	0	—	14.0	-4.3	9.8	19	-4	6	-5	73	0	5	11
Tanta	00	8	20	3	0	0	—	13.6	-5.3	10.1	17	-6	7	-2	71	0	dr.	9
Zagazig	00	6	24	3	0	0	—	14.7	-4.2	10.2	20	-2	8	-1	70	0	dr.	7
Shebîn el Kôm	00	8	18	2	0	0	—	15.4	-3.4	9.2	20	—	7	—	74	0	dr.	
Middle Egypt																		
Cairo Almaza	00	7	17	4	0	0	—	14.9	-3.7	11.6	20	—	9	—	55	0	dr.	—
Cairo Ezbekîya	05	6	14	4	0	0	—	15.8	-2.8	11.3	19	-3	9	-2	47	0	dr.	5
Cairo Gîza	00	7	16	2	0	0	—	15.8	-2.9	10.1	21	-1	8	-1	53	0	dr.	7
Helwân	00	6	14	2	0	0	—	16.4	-2.7	9.0	18	-3	8	-3	44	0	dr.	5
Suez	00	9	18	1	0	0	—	17.0	-1.0	13.3	20	-3	6	-4	49	0	dr.	6
Upper Egypt																		
Faiyûm	00	8	22	2	0	0	—	16.7	-2.4	8.2	20	-3	6	-3	57	0	dr.	0
Minya	00	8	16	3	0	0	—	19.2	-0.2	11.5	22	0	8	-1	49	0	dr.	—
Asyût	00	7	10	1	0	0	—	18.8	-0.5	10.3	21	-1	6	-3	47	0	0	2
Nag' Hamâdi	00	8	00	0	0	0	—	19.4	-1.3	9.9	22	—	3	—	43	0	0	
Qena	05	7	24	2	1	0	—	18.8	+0.5	9.4	22	-4	4	-6	54	0	0	—
Luxor	00	7	28	2	0	0	—	19.2	+1.1	13.2	25	-7	4	-5	33	0	0	—
Aswân	00	9	32	2	0	0	—	18.3	+0.3	13.0	25	-1	9	-4	27	0	0	—
Western Desert																		
Sîwa	00	7	00	0	0	0	—	15.9	-4.0	10.0	20	-2	7	+1	67	0	0	2
Baharîya	00	9	32	1	0	0	—	19.3	+0.5	14.0	23	+1	10	+3	76	0	0	3
Khârga	00	9	16	1	0	0	—	19.5	+0.7	9.5	22	-3	6	-3	43	0	0	—
Dâkhla	00	7	12	1	0	0	—	20.3	+0.8	6.5	20	-4	2	-6	63	0	0	—
Red Sea																		
Tôr	00	7	04	4	0	0	—	15.2	-2.0	10.8	22	-7	6	-5	33	0	0	4
Hurghâda	00	8	26	3	0	0	—	15.8	-1.5	14.4	23	-1	8	-5	35	0	0	2
Quseir	00	8	30	3	0	0	—	15.4	-1.7	15.4	24	-1	14	-3	47	0	0	4
Port Sûdân	00	9	32	3	0	3	8	14		21					94	0	138	65
North Sûdân																		
Wâdi Halfa	00	9	32	1	1	2	1	19		12					36	0	dr.	—
Kareima	01	8	04	2	0	3	1	16		18					30	0	dr.	1
'Atbara	00	8	32	3	0	0	—	15		19					32	0	dr.	2
Khartûm	00	8	04	3	0	0	—	14		18					24	0	2	4
Kassala	00	8	00	0	0	0	—	13		24					47	0	1	8
Central Sûdân																		
Wad Medani	00	9	04	4	0	0	—	9		23					15	0	15	12
Renk												—		—		—	—	49
Roseires																0	21	36
El Obeid	02	8	02	4	1	8	2	13		21					18	0	69	16
El Fâsher	00	9	00	0	0	3	1	—	—	16					42	0	4	6
Geneina								—	—			—		—		—	—	4
Kadugli												—		—		—	—	89
S. Sûdân																		
Malakâl																0	112	87
Wâu																0	159	142
Juba																0	212	130

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 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 AMOUNT (N)
- Clear 0
- Trace 1
- 1 Tenth 2
- 2, 3 Tenths 3
- 4, 5, 6 Tenths 4
- 7, 8 Tenths 5
- 9 Tenths 6
- Over 9 Tenths 7
- Overcast 8
- Fog or Dust 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

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 8th — الرياح العليا يوم ٨

Matrûh	Mariut 12h 30m	Port Sa'îd	Almâza 13h	Minya	Luxor	Hurghâda	Wâdi Halfa	Kareima	Khartûm	Kassala	El Obeid	Malakal	Juba
	03 25 40		03 19 15										
	06 26 40		06 20 15										
	09 25 25		09 19 20										
	15 26 20		12 19 35										
	21 29 30		15 20 25										
	24 30 25												
	30 29 30												
	39 28 50												

UPPER WINDS ON 9th — الرياح العليا يوم ٩

Matrûh 7h	Mariut 7h	Port Sa'îd 7h 15m	Helwân 10h 45m	Minya 7h	Asyût 7h	Luxor	Aswân 7h	Wâdi Halfa 7h 30m	Abu Hamad 7h 15m	Kareima	Khartûm 6h
03 26 55	03 25 55	03 25 55	02 20 35	03 22 20	02 26 05		02 01 10	09 35 05	09 01 30		09 04 35
06 27 75	06 25 55	06 25 55	05 23 40	06 28 25	05 29 20		05 36 30	15 31 30	15 34 15		15 02 20
09 27 75	09 26 55	09 25 55	08 25 55	09 28 25	10 30 30		10 31 15	21 29 30	21 28 40		21 36 30
12 27 75	15 25 55	12 24 55	10 25 40	15 28 25			15 29 20		27 28 40		24 35 30
	21 26 65		15 24 65	21 31 45			20 29 30		33 27 50		27 34 40
	24 26 50		20 25 75	24 28 70							30 32 25
	27 25 55										33 31 25

Kassala	Port Sûdân 7h	El Obeid	El Fâsher 7h	Geneina	Malakal
	09 02 10		09 01 20		
	15 10 10		15 06 35		
	21 24 30		21 12 30		
	27 26 35		27 24 15		
	33 25 35				
	39 27 40				

UPPER AIR TEMP. ALMÂZA AT 6h. G.M.T. ON 9th.

Height feet	P.P.P. m.b.	T T	U U
Surface	1005	54	42
500	987	55	42
1000	969	53	41
1500	951	56	41
2000	934	53	40
4000	868	43	39
6000	805	36	30
8000	746	37	31
10000	691	28	24
12000	639	23	22
14000	590	18	17
16000	544	8	8

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.

CYPRUS SYNOPTIC 9h. ON 6.

34760 60748 00068 09121 10xxx +xxxx
34866 81867 12268 08110 91700 xxxxx

Remarks

Hours are Egyptian standard time, long 30°E and are two hours fast on Greenwich mean time

Mean of day

Station	Humidity on 8th	Humidity Diff from normal	Wet Bulb Temp °C on 8th	Wet Bulb Diff from normal
Alexandria	39	-26	9.3	-4.3
Ezbekiya	35	-34	7.7	-4.6
Gîza	46	-27	7.6	-4.5
Helwân	32	-25	6.6	-5.0

GÎZA — GRASS MINIMUM TEMP ON 9th 2.0 °C

CAIRO — WATER TEMP RIVER NILE AT 8h. ON 9th 17.1 °C

Discharges at Aswân measured by sluices m³ per sec.

Date	1946	1945
9th	2026	2083
8th	2026	2083

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser				10.82	+1.21
Malakâl		12.92	+0.74	12.92	+0.73
J. Aulia Res.					
J. Aulia D S					
Roseires	9th	13.80	+0.69	13.82	+0.69
Sennar Res.				20.70	—
Khartûm				12.04	+0.26
Kh. el Girba					
'Atbara		11.48	+0.40	11.47	+0.38
Kajnarti		135.39	+0.62	135.42	+0.59
Aswân Res.		119.37	—	119.35	—
Aswân D.S		86.93	0.00	86.93	0.00
Roda (Cairo)		16.69	+0.54	16.69	+0.52

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ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise h. 06 m. 39
Sunset h. 16 m. 56

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month DECEMBER 1946 — شهر ديسمبر ١٩٤٦

1417 F.C.

At 14h. on MONDAY 9th — الساعة ١٤ يوم الاثنين ٩

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	Temp. °C (ttt)	% Humidity (uu)	Rain 8-14 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	9	36	4	0	0	—	11.0	19.6	39	0
MARIUT	18	5	23	5	4	0	—	11	19	43	0
ALEXANDRIA	01	5	20	7	1	4	1	11.4	17.4	49	0
DAMIETTA	02	7	20	4	1	6	5	11.1	18.2	41	0
PORT SA'ÎD	14	6	20	6	3	0	5	11.9	17.7	40	0
EL 'ARÎSH	05	4	24	4	3	0	—	12.7	20.2	45	0
LOWER EGYPT											
DAMANHÛR	18	4	24	7	3	3	1	11.8	18.3	38	0
MANSÛRA	01	8	20	3	1	4	0	12.2	19.0	45	0
TANTA	01	8	24	4	1	4	1	11.9	19.0	41	0
ZAGAZIG	18	6	18	5	3	0	—	12.2	19.4	33	0
SHEBÎN EL KÔM	01	6	22	5	1	3	8	13.1	20.2	20	0
MIDDLE EGYPT — CAIRO											
ALMÂZA	06	7	24	1	1	4	1	12.7	19.5	42	0
EZBEKÎYA	05	6	18	5	0	3	1	13.4	19.7	36	0
GÎZA	05	6	20	4	1	4	1	13.4	20.4	30	0
HELWÂN	00	7	20	4	0	1	1	13.5	18.0	23	0
SUEZ	01	9	18	2	1	5	2	14.0	20.3	26	0
UPPER EGYPT											
FAIYÛM	00	8	24	2	0	0	—	14.0	20.5	18	0
MINYA	00	8	24	4	0	0	—	16.2	22.6	21	0
ASYÛT	00	8	28	1	0	0	—	16.7	18.2	37	0
NAG' HAMÂDI	00	8	00	0	0	0	—	16.3	20.0	40	0
QENA	00	8	24	2	0	0	—	15.6	18.4	42	0
LUXOR	00	7	10	2	0	0	—	16.6	23.0	25	0
ASWÂN											
WESTERN DESERT											
SÎWA	00	8	20	3	0	0	—	15.8	20.2	62	0
BAHARÎYA											
KHÂRGA	00	9	08	1	0	0	—	16.3	20.0	36	0
DAKHLA	00	8	28	2	0	0	—	17.1	18.5	42	0
RED SEA											
TÛR	00	7	28	3	0	0	—	14.8	20.1	38	0
HURGHADA	00	8	32	3	0	0	—	13.5	21.2	47	0
QUSEIR	00	8	04	2	0	0	—	14.7	21.2	57	0
PORT SUDÂN	01	9	04	4	1	4	8	11	28	58	
NORTH SUDAN											
WÂDI HALFA	00	8	02	3	0	1	1	16	22	09	
KAREIMA	01	8	04	2	1	4	1	13	27	17	
'ATBARA	01	7	32	4	1	4	2	11	29	20	
KHARTÛM	01	8	04	3	0	3	2	10	32	10	
KASSALA	00	8	30	2	0	0	—	7	34	34	
CENTRAL SUDAN											
WAD MEDANI	00	8	02	3	0	0	—	7	34	27	
RENK	00	9	38	3	0	0	—		35	13	
ROSEIRES	00	8	07	2	0	0	—	6	36	15	
EL OBEID	02	9	02	3	1	5	2	7	32	08	
EL FÂSHER	02	9	08	2	8	5	2	—	31	22	
GENEINA	01	8	06	2	1	4	1	—	32	13	
KADUGLI	00	8	04	4	0	0	—	7	35	13	
S. SUDAN											
MALAKÂL	00	8	02	3	0	2	1	6	35	47	
WÂU	00	8	06	2	1	0	—	6	34	19	
JUBA	00	8	04	2	0	0	—	8	30	16	

At 20h. on 9th — الساعة ٢٠ يوم الاثنين ٩

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	Temp. °C (ttt)	% Humidity (uu)	Rain 14-20 mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	8	22	1	0	0	—	13.6	14.8	52	0	131
MARIUT	01	7	25	3	1	4	9,4	14	18	60	0	150
ALEXANDRIA	02	6	34	5	2	5	9	14.0	18.0	60	dz.	132
DAMIETTA	02	7	20	4	2	6	6	13.5	14.0	57	0	159
PORT SA'ÎD	02	7	18	4	2	5	9	14.6	14.9	59	0	134
EL 'ARÎSH	00	9	16	2	0	0	—	14.4	15.8	69	0	135
LOWER EGYPT												
DAMANHÛR	02	6	28	3	2	6	8	14.2	12.3	76	0	136
MANSÛRA	01	6	24	2	1	4	6	15.2	12.8	61	0	137
TANTA	01	8	24	1	1	4	1	14.6	12.7	58	0	138
ZAGAZIG	00	6	24	2	0	0	—	15.4	13.2	66	0	139
SHEBÎN EL KÔM	00	7	22	2	0	0	—	15.0	13.9	51	0	—
MIDDLE EGYPT — CAIRO												
ALMÂZA	00	7	20	1	0	0	—	16.1	14.8	53	0	141
EZBEKÎYA	00	7	16	1	0	0	—	15.5	14.9	48	0	—
GÎZA	00	7	16	2	0	0	—	15.2	13.8	54	0	—
HELWÂN	05	6	00	0	0	0	—	16.3	13.6	35	0	143
SUEZ	00	9	18	1	0	0	—	16.7	17.4	34	0	144
UPPER EGYPT												
FAIYÛM	00	8	22	2	0	0	—	16.0	13.9	35	0	153
MINYA	00	8	32	2	0	0	—	17.6	12.2	52	0	154
ASYÛT	00	6	22	1	0	0	—	17.8	12.0	44	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	18.0	10.2	74	0	164
QENA	00	6	24	2	0	0	—	17.2	13.0	66	0	156
LUXOR	00	6	28	2	0	0	—	17.4	15.6	35	0	157
ASWÂN	00	9	00	0	0	0	—	19.1	16.5	29	0	158
WESTERN DESERT												
SÎWA	00	—	00	0	0	0	—	15.0	12.5	83	0	148
BAHARÎYA												149
KHÂRGA	00	9	16	1	0	0	—		14.0	52	0	151
DAKHLA	00	6	28	1	0	0	—	19.5	10.5	55	0	152
RED SEA												
TÛR	00	7	28	3	0	0	—	16.2	15.5	40	0	145
HURGHADA	00	8	26	2	0	0	—	15.8	14.9	51	0	146
QUSEIR	00	8	32	2	0	0	—	15.2	18.6	60	0	147
PORT SUDÂN												208
NORTH SUDAN												
WÂDI HALFA												165
KAREIMA												166
'ATBARA												167
KHARTÛM												207
KASSALA												170
CENTRAL SUDAN												
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FÂSHER												175
GENEINA												179
KADUGLI												187
S. SUDAN												
MALAKÂL												176
WÂU												177
JUBA												178

UPPER WINDS ON 9th — الرياح العليا يوم ٩

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHADA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	12h.45m.	h. m.	13h. m.	h. m.	h. m.	h. m.	12h.15m.	12h.45m.	h. m.	13h. m.	13h. m.	13h.15m.	13h. m.
	03 23 45		03 21 35				09 31 20	09 02 40		09 29 20	09 05 25	09 04 20	09 02 40
	09 26 50		06 22 45				15 31 25	15 36 15		15 33 15	15 05 25	15 04 25	15 03 20
			09 24 55				21 27 30	21 31 20		21 28 20	21 03 35	21 08 20	21 03 40
			15 26 60				27 26 15	27 28 40		27 26 20	27 01 20	27 31 10	27 01 20
							33 28 20	33 28 60		33 26 25	33 20 15	33 22 05	33 08 25
							39 39 50	39 28 55		39 28 20	39 27 05	39 12 15	

At 8h. on TUESDAY 10th — الساعة ٨ يوم الثلاثاء ١٠

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Pressure M.S.L. 1000+ mbs. (ppp)	Diff. from normal mbs.	Temperature Dry Bulb °C (ttt)	Maximum Yesterday °C (MM)	Maximum Diff. from norm. °C	Minimum Today °C (mm)	Minimum Diff. from norm °C	% Humidity (uu)	Rainfall Past 24 hrs mms	Rainfall Total From Oct. 1 mms	Rainfall Norm From Oct 1 mms
MEDITERRANEAN																		
SALÛM												—		—				27
MATRÛH	00	9	22	2	1	0	—	14.4	-3.8	12.0	20	0	11	0	54	0	29	48
MARIUT	00	7	20	3	0	0	—	16		13	19	—	10	—	67	tr.	35	45
ALEXANDRIA	01	8	20	2	2	3	8	15.8	-2.8	12.9	19	-2	11	-2	72	tr.	28	58
DAMIETTA	00	8	18	2	0	0	—	15.9	-1.9	10.6	18	—	8	—	70	0	3	28
PORT SA'ÎD	14	7	18	5	3	0	—	17.0	-0.4	13.0	18	-3	11	-2	58	0	4	19
EL 'ARÎSH	00	9	16	1	0	0	—	16.7	-1.9	15.6	21	-1	10	0	55	0	10	22
LOWER EGYPT																		
DAMANHÛR	00	6	24	3	0	0	—	16.2	-2.4	10.2	19	-3	8	-2	65	0	44	22
MANSÛRA	00	8	16	2	0	0	—	17.0	-1.4	9.0	20	-2	7	-3	73	0	5	12
TANTA	00	8	18	2	0	0	—	16.3	-2.7	11.0	19	-3	3?	-6	61	0	tr.	9
ZAGAZIG	00	6	24	3	0	0	—	17.6	-1.3	10.6	20	-2	8	-1	54	0	tr.	7
SHEBÎN EL KÔM	00	7	18	2	0	0	—	17.2	-1.6	10.1	21	—	7	—	63	0	tr.	—
MIDDLE EGYPT — CAIRO																		
ALMÂZA	00	7	18	3	0	0	—	17.1	-1.6	13.2	20	—	11	—	46	0	tr.	—
EZBEKÎYA	05	6	16	2	0	0	—	17.9	-0.8	12.6	21	-1	10	-1	48	0	tr.	5
GÎZA	05	6	12	3	0	0	—	18.2	-0.6	12.9	21	-1	8	0	44	0	tr.	7
HELWÂN	00	6	12	1	0	0	—	18.2	-1.0	12.9	19	-2	10	-1	33	0	tr.	5
SUEZ	00	9	00	0	0	0	—	18.7	+0.7	15.4	22	-1	9	-3	60	0	tr.	7
UPPER EGYPT																		
FAIYÛM	00	8	14	1	0	0	—	18.3	-0.9	8.6	21	-2	6	-3	54	0	tr.	0
MINYA	00	8	16	2	0	0	—	19.4	0.0	11.2	23	+1	7	-2	50	0	tr.	—
ASYÛT	00	7	12	1	0	0	—	19.2	-0.2	9.5	22	0	5	-4	51	0	0	2
NAG' HAMÂDI	00	8	00	0	0	0	—	19.4	+1.2	13.8	21	—	8	—	38	0	0	—
QENA	00	7	32	1	0	0	—	19.4	+1.0	9.0	20	-6	4	-6	65	0	0	—
LUXOR	00	7	28	2	0	0	—	19.4	+1.2	10.0	23	-4	7	-7	54	0	0	—
ASWÂN	00	9	00	0	0	0	—	18.4	+0.3	14.0	22	-4	9	-4	47	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	16.8	-3.1	6.5	21	-1	3	-3	78	0	0	2
BAHARÎYA																	0	3
KHÂRGA	00	9	24	1	0	0	—			10.1	22	-3	5	-4	49	0	0	—
DAKHLA	00	7	00	0	0	0	—	20.3	+0.7	5.5	21	-3	2	-6	62	0	0	—
RED SEA																		
TÛR	00	7	04	5	0	0	—	16.2	-1.1	9.9	21	-3	7	-4	44	0	0	4
HURGHADA	00	8	36	3	0	0	—	16.8	-0.6	15.9	22	-2	7	-6	41	0	0	2
QUSEIR	00	8	30	3	0	0	—	16.0	-1.2	16.0	24	-1	14	-3	56	0	0	4
PORT SUDÂN	02	8	30	5	1	5	4	14		24					61	0	138	66
NORTH SUDAN																		
WÂDI HALFA	00	8	32	1	0	2	2	19		9					40	0	tr.	—
KAREIMA	02	8	04	1	1	6	2	17		15					30	0	tr.	1
'ATBARA	12	8	32	3	1	4	2	15		17					22	0	tr.	2
KHARTÛM	01	8	02	3	0	3	2	13		20					15	0	2	4
KASSALA	00	8	00	0	0	0	—	12		18					78	0	1	8
CENTRAL SUDAN																		
WAD MEDANI	00	9	02	4	0	0	—	13		21					17	0	15	12
RENK	00	9	04	3	1	1	—	12		19		—		—	35	—	—	49
ROSEIRES	00	8	04	1	0	0	—	13		20					56	0	21	36
EL OBEID	00	9	02	3	0	2	1	13		20					15	0	69	16
EL FÂSHER	00	8	00	0	0	3	1	—	—	17					39	tr.	4	6
GENEINA	00	8	06	1	0	3	—	—	—	14		—		—	39	—	—	4
KADUGLI	00	8	04	4	0	1	1	12		25		—		—	34	—	—	29
S. SUDAN																		
MALAKÂL	00	8	02	3	0	0	—	10		23					41	0	112	27
WÂU	00	8	00	0	0	0	—	11		20					73	0	159	142
JUBA	05	7	14	3	0	0	—	11		23					65	0	212	131

UPPER WINDS ON 10th — الرياح العليا يوم ١٠

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
10h. m.	7h.30m.	7h.15m.	9h.30m.	7h.15m.	9h. m.	7h.15m.	7h. m.	h. m.	7h. m.	7h. m.	6h.30m.
03 34 30	03 26 30	03 25 30	02 44 15	03 16 05	02 16 40	03 39 05	02 02 10		09 02 30	09 03 45	09 03 30
06 22 30	06 27 30	06 24 15	05 16 10	06 07 05	05 17 05	06 01 10	05 03 20		15 29 05	15 01 30	15 01 15
09 22 30	09 28 20	09 24 20	10 22 10	09 09 05	10 22 05	09 01 20	10 03 15		21 33 20	21 30 10	21 25 20
15 24 40	15 30 20	15 24 20	15 25 15	15 36 20	15 31 10	15 07 10	15 03 15		27 23 15	27 31 10	24 35 15
18 22 40	21 26 20	21 18 05	20 25 15	21 31 02	20 30 25		20 03 15		33 27 05	33 30 15	07 35 15
			25 26 20				25 28 10				30 34 10
			30 28 20				30 28 25				33 32 10
			35 27 40				40 27 25				39 33 20
							50 27 35				

KASSALA	PORT SUDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6h.45m.	7h. m.	7h.30m.	7h.15m.	7h. m.	7h.15m.
09 03 15	09 01 00	09 05 00	09 01 15	09 06 30	09 04 50
15 36 20	15 01 00	15 04 30	15 07 25	15 17 15	15 05 20
21 35 10	21 02 35	21 08 10	21 12 20	21 15 15	21 06 70
27 32 20	27 03 30	27 10 05	27 16 15	27 19 10	
33 32 20	33 05 20	33 10 15	33 24 05	33 20 15	
	39 07 15		39 25 25	39 23 15	
				45 26 15	
				51 28 25	
				57 30 35	
				63 32 35	

UPPER AIR TEMP. ALMÂZA AT 6h. G.M.T. ON 10th.

HEIGHT FEET	P.P.P. m.b.	T.T. °C	T.T. °F
Surface	1008	55	46
500	990	56	48
1000	972	56	48
1500	954	55	49
2000	937	53	46
4000	871	44	40
6000	808	40	33
8000	749	38	31
10000	693	34	27
12000	641	28	24
14000	592	23	21
16000	546	17	16

CYPRUS SYNOPTIC 8h. ON 10th.

34720 00972 00012 13100 80410 15081
34886 01953 20204 14110 80206 00071

Remarks

Hours are Egyptian standard time, long 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day Humidity % on 9th.	Humidity Diff from normal	Wet Bulb Temp °C on 9th.	Wet Bulb Diff from normal
Alexandria	48	-17	11.0	-2.5
Ezbekiya	41	-28	9.2	-3.0
Giza	47	-26	9.0	-2.9
Helwân	35	-22	7.2	-4.3

GIZA — GRASS MINIMUM TEMP. ON 10th. 5.0 °C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 10th. 16.7 °C

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	10th.	2026	2083
	9th.	2026	2083

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	10th.				
Nâsser				10.81	+1.26
Malakâl		12.92	+0.76	12.92	+0.74
J. Aulia Res.				377.07	—
J. Aulia D.S				372.70	+0.36
Roseires		13.76	+0.70	13.80	+0.19
Sennar Res.				20.72	—
Khartûm		11.98	+0.34	12.02	+0.26
Kh. el Girba					
'Atbara		11.46	+0.38	11.48	+0.40
Kajnarti		135.33	+0.59	135.39	+0.62
Aswân Res.		119.40	—	119.37	—
Aswân D.S		86.93	0.00	86.93	0.00
Roda (Cairo)		16.67	+0.53	16.69	+0.54

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	19-28	4
Fresh	29-38	5
Strong	39-44	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 01-36. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

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 ... 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 AMOUNT (N)

Clear ... 0
Trace ... 1
1 Tenth ... 2
2, 3 Tenths ... 3
4, 5, 6 Tenths ... 4
7, 8 Tenths ... 5
9 Tenths ... 6
Over 9 Tenths ... 7
Overcast ... 8
Fog or Dust ... 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

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ANNUAL SUBSCRIPTION P.T. 150

CAIRO Time of Sunrise 06 h. 40 m. Sunset 16 h. 56 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month DECEMBER 1946 — شهر ديسمبر ١٩٤٦

At 14h. on TUESDAY 10th — الساعة ١٤ يوم ١٠ ; At 20h. on 10th — الساعة ٢٠ يوم الثلاثاء ١٠

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	22	2	0	2	8	12.6	21.3	21	0	00	8	18	2	0	0	—	13.2	14.8	38	0	131
MARIUT	01	8	21	2	0	3	1	15	22	36	0	00	7	00	0	0	0	—	15	12	88	0	150
ALEXANDRIA	01	9	22	3	2	4	4	15.1	20.8	43	0	00	6	16	1	0	0	—	—	15.8	50	0	132
DAMIETTA	01	8	20	3	1	3	3	15.2	20.8	43	0	00	6	14	1	1	0	—	15.5	12.5	83	0	159
PORT SA'ÎD	00	7	18	4	0	0	—	15.5	19.5	44	0	00	7	18	3	0	0	—	15.8	10.8	63	0	134
EL 'ARÎSH	00	9	00	0	0	0	—	15.9	22.9	54	0	00	9	00	0	0	0	—	16.3	13.8	79	0	135
LOWER EGYPT																							
DAMANHÛR	01	6	24	3	0	3	1	15.2	22.0	42	0	00	7	24	3	0	0	—	14.7	13.8	60	0	136
MANSÛRA	01	8	20	2	1	3	8	15.5	21.0	47	0	00	6	22	2	1	0	—	16.6	13.8	59	0	137
TANTA	00	8	16	2	0	0	—	15.5	20.8	43	0	00	8	20	1	0	0	—	15.5	15.8	54	0	138
ZAGAZIG	00	6	20	3	0	0	—	16.2	19.9	43	0	00	6	24	2	0	0	—	17.1	16.2	60	0	139
SHEBÎN EL KÔM	00	8	18	3	0	1	8	15.9	22.4	37	0	00	7	22	2	0	0	—	16.2	14.6	57	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	29	1	0	0	—	15.8	20.3	51	0	00	7	20	1	0	0	—	16.0	14.8	58	0	141
CAIRO EZBEKÎYA	05	7	16	3	0	0	—	16.3	20.6	36	0	05	5	14	1	0	0	—	16.4	15.2	50	0	—
CAIRO GÎZA	00	8	18	3	0	0	—	16.4	21.7	33	0	05	5	14	1	0	0	—	17.0	11.5	59	0	—
HELWÂN	00	8	18	3	0	0	—	16.0	18.7	35	0	00	7	00	0	0	0	—	16.3	14.6	47	0	143
SUEZ	00	9	00	0	0	0	—	16.0	20.5	25	0	00	9	00	0	0	0	—	17.0	15.9	58	0	144
UPPER EGYPT																							
FAIYÛM	00	8	18	2	0	0	—	16.6	21.0	30	0	00	8	18	1	0	0	—	16.0	12.0	64	0	153
MINYA	00	9	16	2	0	0	—	16.7	20.4	30	0	00	8	16	2	0	0	—		11.5	58	0	154
ASYÛT	00	8	12	1	0	0	—	16.3	21.2	34	0	00	6	00	0	0	0	—	16.8	12.0	65	0	155
NAG HAMÂDI	00	8	00	0	0	0	—	16.3	21.3	23	0	00	8	00	0	0	0	—	16.0	9.3	79	0	184
QENA	00	8	20	1	0	0	—	16.0	19.2	37	0	00	6	24	2	0	0	—	15.9	12.8	54	0	156
LUXOR	00	7	30	2	0	0	—	16.2	22.0	29	0	00	6	28	2	0	0	—	17.0	12.0	48	0	157
ASWÂN	00	9	28	1	0	0	—	14.4	21.7	24	0	00	9	30	1	0	0	—	15.1	12.4	21	0	158
WESTERN DESERT																							
SÎWA	00	8	12	2	0	0	—	15.0	22.0	58	0	00	—	12	2	0	0	—	14.2	17.3	80	0	148
BAHARÎYA	00	9	00	0	0	0	—	18.0	20.5	54	0	00	—	00	0	0	0	—	18.7?	16.0	69	0	149
KHÂRGA	00	9	02	1	0	0	—	16.3	20.0	34	0	00	9	02	1	0	0	—	16.4	13.2	56	0	151
DAKHLA	00	8	12	1	0	0	—	16.6	21.0	41	0	00	6	28	2	0	0	—	17.9	10.0	60	0	152
RED SEA																							
TÔR	00	7	28	3	0	0	—	16.2	21.8	36	0	00	7	30	2	0	0	—	16.3	15.2	49	0	145
HURGHADA	00	8	04	1	0	0	—	15.2	21.1	50	0	00	8	24	1	0	0	—	15.4	15.1	66	0	146
QUSEIR	00	8	30	2	0	0	—	15.8	21.9	58	0	00	8	22	2	0	0	—	15.0	19.6	61	0	147
PORT SUDÂN																							208
NORTH SÛDÂN																							
WÂDI HALFA	01	8	32	2	1	4	2	15	21	14													165
KAREIMA	01	8	05	1	1	4	1	13	21	18													166
'ATBARA	02	8	32	3	1	6	2	10	22	25													167
KHARTÛM																							209
KASSALA	00	8	30	3	0	2	1	6	29	20													170
CENTRAL SÛDÂN																							
WAD MEDANI																							171
RENK																							182
ROSEIRES																							172
EL OBEID	00	9	02	3	0	3	1	7	32	09													174
EL FASHER	00	8	04	1	0	1	1	—	31	22													175
GENEINA	00	8	02	1	0	0	—	—	27	10													179
KADUGLI																							187
S. SÛDÂN																							
MALAKAL																							176
WÂU																							177
JUBA																							178

At 8h. on WEDNESDAY 11th — الساعة ٨ يوم الأربعاء ١١

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total From Oct. 1 mms.	Norm. From Oct. 1 mms.
MEDITERRANEAN																		
SALÛM												—		—				28
MATRÛH	00	9	18	4	0	0	—	10.3	-7.9	12.9	—	—	11	0	29	0	29	50
MARIUT	00	7	14	1	2	3	1	14		10	22	—	8	—	67	0	35	46
ALEXANDRIA	01	9	12	3	1	4	4	13.9	-4.7	11.0	21	0	9	-4	56	0	28	60
DAMIETTA	02	7	14	2	1	5	5	14.8	-3.0	12.7	21	—	9	—	78	0	3	28
PORT SA'ÎD	01	7	18	3	1	4	2	15.2	-2.2	15.4	20	-1	10	-3	62	0	4	20
EL 'ARÎSH	01	9	00	0	0	3	3	15.5	-3.2	10.6	23	+2	6	-4	65	0	10	23
LOWER EGYPT																		
DAMANHÛR	01	6	20	3	1	3	1	14.3	-4.3	10.3	23	+1	8	-2	63	0	44	22
MANSÛRA	01	8	12	1	1	4	0	15.4	-3.0	8.9	22	0	7	-3	83	0	5	12
TANTA	01	8	12	2	1	4	1	14.4	-4.6	12.4	21	-1	9	0	58	0	dr.	9
ZAGAZIG	01	6	14	2	1	4	8	15.1	-3.9	11.8	22	0	8	-1	58	0	dr.	8
SHEBÎN EL KÔM	01	7	14	2	1	3	0	15.1	-3.8	11.1	24	—	9	—	64	0	dr.	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	17	1	1	4	1	14.9	-3.9	13.5	21	—	11	—	50	0	dr.	—
CAIRO EZBEKÎYA	05	5	16	3	1	7	2	15.1	-3.7	12.6	22	0	9	-2	50	0	dr.	5
CAIRO GÎZA	02	7	14	2	2	6	2	14.8	-4.0	11.9	22	+1	6	-2	59	0	dr.	7
HELWÂN	02	7	00	0	2	5	1	15.5	-3.7	10.4	20	-1	8	-3	48	0	dr.	5
SUEZ	00	9	00	0	0	0	—	16.0	-2.1	13.8	22	0	7	-5	59	0	dr.	7
UPPER EGYPT																		
FAIYÛM	02	8	00	0	2	5	3	15.4	-3.8	8.5	22	-1	6	-3	52	0	dr.	1
MINYA	02	7	16	2	2	5	4	15.8	-3.6	12.5	22	0	6	-3	49	0	dr.	—
ASYÛT	01	7	12	1	1	4	4	16.2	-3.2	9.6	24?	+2	5	-3	41	0	0	2
NAG HAMÂDI	02	6	00	0	2	6	2	15.5	-2.8	11.0	23	—	3	—	62	0	0	—
QENA	01	7	32	1	0	3	1	15.2	-3.2	12.0	21	-4	5	-5	40	0	0	—
LUXOR	00	7	18	2	0	0	—	16.0	-2.3	11.7	23	-3	4	[illegible]	51	0	0	—
ASWÂN	02	9	00	0	1	5	1	15.4	-2.8	12.3	22	-4	9	-3	43	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	13.4	-6.5	9.0	22	0	5	-1	73	0	0	2
BAHARÎYA	00	9	00	0	0	0	—	18.3?	-1.6	7.5	23	+1	4	-3	75	0	0	3
KHÂRGA	01	9	24	1	1	4	4	16.8	-2.1	9.0	21	-4	3	-6	42	0	0	—
DÂKHLA	01	6	28	2	1	5	4	17.4	-2.3	6.0	22	-2	3	-5	63	0	0	—
RED SEA																		
TÔR	00	7	04	3	0	0	—	14.6	-2.7	14.?					43	0	0	5
HURGHÂDA	01	8	24	1	1	3	—	14.6	-2.8	15.3	22	-2	9	-3	48	0	0	2
QUSEIR	01	8	30	3	1	4	1	14.3	-2.9	16.2	23	-2	15	-2	69	0	0	4
PORT SÛDÂN	01	9	28	4	1	4	8,2	13		24					61	0	138	67
NORTH SÛDÂN																		
WÂDI HALFA	02	8	04	1	1	5	1	15		8					43	0	dr.	—
KAREIMA	01	8	00	0	2	4	1	14		15					25	0	dr.	1
'ATBARA	01	8	02	3	0	4	2	13		17					37	0	dr.	2
KHARTÛM	00	8	02	2	0	0	—	13		18					26	0	2	4
KASSALA	00	8	00	0	0	0	—	11		22					52	0	1	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	04	2	0	0	—	12		19					28	0	15	12
RENK	00	8	04	3	0	0	—	12		23		—		—	27	—	—	49
ROSEIRES	00	8	08	2	0	0	—	10		21					41	0	21	36
EL OBEID	00	9	04	2	0	1	1	12		19					15	0	69	16
EL FÂSHER	00	8	00	0	0	1	—	—	—	17					34	0	4	6
GENEINA								—	—			—		—		—	—	4
KADUGLI	00	8	28	3	0	1	1	11		23		—		—	20	—	—	89
S. SÛDÂN																		
MALAKÂL	01	8	02	4	0	3	4	10		22					44	0	112	87
WÂU	00	8	00	0	0	2	1	10		19					64	0	159	142
JUBA	05	6	14	2	1	5	8,4	10		23					69	0	212	132

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 10th — يوم ١٠

MATRÛH h. m.	MARIUT 12 h. 30 m.	PORT SA'ÎD 12 h. 45 m.	ALMÂZA 13 h. 15 m.	MINYA 12 h. 45 m.	LUXOR 13 h. 15 m.	HURGHÂDA h. m.	WÂDI HALFA 12 h. 45 m.	KAREIMA 13 h. m.	KHARTÛM 13 h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.
	03 24 20	03 23 25	03 22 20	03 36 20	03 03 05		09 06 02	09 01 15	09 01 15				
	06 24 30	06 21 25	06 21 20	06 29 15	06 03 05		15 12 05	15 35 10	15 33 15				
	09 24 30	09 22 15	09 22 15	09 19 20	09 15 05		21 28 05	21 36 15	21 33 30				
	15 23 25	15 17 15	15 26 25	15 25 10	15 20 05			27 34 20	24 33 25				
	21 24 40	21 19 15	21 20 15	21 25 15	21 27 05			33 35 20	30 32 30				
	30 28 05		30 28 15	30 25 35	30 28 15								
			39 28 25										
			45 25 30										

UPPER WINDS ON 11th — يوم الأربعاء ١١

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 8 h. 45 m.	MINYA 7 h. m.	ASYÛT 7 h. m.	LUXOR 8 h. 15 m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h. m.	ABU HAMAD 7 h. 30 m.	KAREIMA 7 h. m.	KHARTÛM h. m.
			02 12 20	03 15 15	02 14 20	03 02 15		09 04 10	09 09 30	09 33 10	
			05 15 20	06 15 05	05 09 10	06 15 15	05 10 15	15 21 10	15 10 05	15 27 20	
			10 18 15	09 21 05	10 14 05	09 13 10	10 08 15	18 23 20	21 20 05	21 30 20	
			15 19 15	12 27 05	15 16 15	12 18 05	15 12 30			27 30 20	
			20 22 20	15 20 20	20 19 10	15 18 15				33 33 25	
			25 20 30	18 22 20		18 21 25					
			30 20 25	21 23 30		21 22 15					
			40 21 45								
			45 21 35								

KASSALA 7 h. 15 m.	PORT SÛDÂN 7 h. m.	EL OBEID h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL 7 h. 15 m.
09 08 05	09 05 20				09 03 70
15 01 15	15 15 25				15 03 55
21 28 10	21 14 10				21 05 40
27 31 25	27 07 20				27 09 30
33 29 30	33 36 05				33 10 25
39 26 30	39 29 30				

UPPER AIR TEMP. ALMÂZA AT 6h. G.M.T. ON 11th

HEIGHT feet	P.P.P. m.b.	TT °F	Td °F
Surface	1005	48	46
500	988	61	49
1000	972	60	48
1500	952	58	47
2000	935	57	46
4000	868	48	41
6000	805	43	36
8000	747	41	31
10000	691	38	27
12000	640	31	23
14000	591	[illegible]	19
16000	545	12	12

CYPRUS SYNOPTIC 6h. ON 11th

24730 02962 00067 15141 36402 08091

24257 28952 08266 15131 26401 01091

Remarks

Hours are Egyptian standard time, long 30° E and are two hours fast on Greenwich mean time

Mean of day

Station	Humidity % on 10th	Diff from normal	Wet bulb temp °C on 10th	Diff from normal
Alexandria	56	-9	11.7	-1.7
Ezbekîya	42	-27	10.4	-1.7
Gîza	45	-28	9.8	-2.0
Helwân	35	-22	9.2	-2.2

GÎZA — GRASS MINIMUM TEMP. ON 11th 1.4 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 11th 16.9 °C

Discharges at Aswân measured by sluices m³ per sec.	1946	1945
11th	2026	1991
10th	2026	2083

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser				10.80	+0.32
Malakâl		12.92	+0.77	12.92	+0.76
J. Aulia Res.				377.04	—
J. Aulia D.S.				372.70	+0.36
Roseires	11th	13.72	+0.67	13.76	+0.70
Sennar Res.		20.73	—	20.73	—
Khartûm				11.98	+0.24
Kh. el Girba					
'Atbara				11.46	+0.38
Kajnarti		135.27	+0.57	135.22	+0.59
Aswân Res.		119.41	—	119.40	—
Aswân D.S.		86.93	+0.23	86.93	0.00
Roda (Cairo)		16.87	+0.55	16.87	+0.53

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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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MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

CAIRO Time of Sunrise 06 h. 41 m. Sunset 16 h. 56 m.

Month DECEMBER 1946 — شهر ديسمبر ١٩٤٦

At 14h. on WEDNESDAY 11th (الساعة ١٤ يوم الأربعاء ١١) and At 20h. on 11th (الساعة ٢٠ يوم الأربعاء ١١)

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8–14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14–20h mms	Station Number
MEDITERRANEAN																							
Salûm																							130
Matrûh	02	9	18	4	2	5	8	8.3	21.5	22	0	01	8	18	2	0	4	8	7.2	15.5	31	0	131
Mariut	01	8	18	2	0	4	4	11	22	21	0	00	7	12	1	0	2	1	10	13	77	0	150
Alexandria	01	9	20	3	2	4	4	11.6	21.4	18	0	01	5	16	2	2	3	1	10.4	15.0	49	0	132
Damietta	00	8	12	2	1	0	—	12.3	19.6	42	0	00	6	12	1	0	0	—	11.4	12.8	88	0	159
Port Saʿîd	00	8	08	2	0	0	—	12.0	19.2	44	0	00	8	08	1	0	0	—	11.6	14.5	80	0	134
El ʿArîsh	02	9	04	2	1	5	3	12.0	19.1	64	0	00	9	00	0	0	0	—	11.3	13.6	83	0	135
LOWER EGYPT																							
Damanhûr	00	7	20	3	1	0	—	11.8	21.8	59	0	00	6	20	2	0	0	—	10.7	14.0	80	0	136
Mansûra	00	8	16	2	1	0	—	12.7	22.0	29	0	00	6	20	1	0	0	—	12.3	11.8	65	0	137
Tanta	00	8	20	3	1	0	—	11.9	20.6	33	0	00	8	24	4	0	0	—	10.8	14.8	44	0	138
Zagazig	00	6	24	2	0	0	—	11.6	19.9	38	0	00	6	32	2	0	0	—	11.4	13.4	66	0	139
Shebîn el Kôm	00	8	18	3	0	0	—	11.8	23.3	26	0	00	7	22	2	0	0	—	15.5	14.6	41	0	—
MIDDLE EGYPT																							
Cairo: Almaza	00	8	22	2	0	3	4,5	11.5	21.2	42	0	00	7	15	1	0	0	—	11.5	13.6	50	0	141
Cairo: Ezbekîya	00	7	18	4	1	3	0	12.4	21.4	25	0	00	7	12	1	0	1	4	11.8	14.3	43	0	—
Cairo: Gîza	01	7	18	3	1	4	1	12.4	21.8	31	0	00	7	12	1	0	2	4	11.9	11.4	49	0	—
Helwân	00	7	18	2	0	1	1	12.0	19.7	22	0	00	6	12	1	0	1	1	11.5	14.2	32	0	143
Suez	01	9	00	0	1	4	2	12.7	21.2	44	0	00	9	00	0	0	0	—	12.6	15.3	54	0	144
UPPER EGYPT																							
Faiyûm	01	8	14	2	1	3	3	11.9	21.5	23	0	00	8	14	1	0	0	—	11.5	13.1	44	0	153
Minya	01	8	16	3	1	4	5	12.7	20.7	26	0	00	8	16	2	1	0	—	13.3	12.0	54	0	154
Asyût	01	7	12	1	1	4	4	13.0	21.1	34	0	00	6	14	1	1	0	—	13.1	11.7	68	0	155
Nag Hamâdi	01	8	00	0	1	5	2	13.1	20.8	41	0	01	6	00	0	1	4	2	13.0	10.7	83	0	164
Qena	02	7	20	1	1	5	3	12.2	19.7	48	0	02	6	24	1	2	5	3	12.2	13.8	69	0	156
Luxor	02	7	30	2	2	5	3	13.6	22.8	39	0	00	6	32	1	0	0	—	13.1	12.8	47	0	157
Aswân	02	9	28	1	1	5	1	11.5	23.8	33	0	00	9	00	0	0	0	—	11.9	19.4	28	0	158
WESTERN DESERT																							
Sîwa	02	8	20	3	1	6	4	10.3	21.3	63	0	03	—	20	2	2	8	4	9.9	17.0	80	0	148
Baharîya	00	9	32	1	0	0	—	11.4	22.0	50	0												149
Khârga	02	9	18	1	2	5	4	13.9	18.5	37	0	00	9	24	1	0	0	—	15.4	12.4	58	0	151
Dâkhla	01	8	16	2	1	3	4	12.4	22.0	39	0	00	6	28	2	0	0	—	14.2	11.0	52	0	152
RED SEA																							
Tôr	00	7			0	0	—	14.0	22.8	51	0	00	7	28	2	0	0	—	12.4	17.5	51	0	145
Hurghâda	02	7	02	2	2	5	4	12.3	22.1	58	0	02	6	28	2	2	6	1	13.2	17.5	74	0	146
Quseir	02	8	32	3	2	7	5	12.1	22.6	53	0	01	8	02	2	1	4	5	13.4	21.6	47	0	147
Port Sûdân	01	8	04	4	1	4	1	10	24	45													208
NORTH SÛDÂN																							
Wâdi Halfa	02	8	30	1	1	5	2	11	23	19													165
Kareima	01	8	00	0	1	3	1	11	27	13													166
ʿAtbara	00	8	04	2	0	2	1	8	30	13													167
Khartûm	00	8	32	1	0	1	1	8	27	30													209
Kassala	00	8	32	1	0	0	—	6	33	24													170
CENTRAL SÛDÂN																							
Wad Medani	00	8	32	3	0	0	—	7	33	17													171
Renk	00	8	28	3	0	0	—	6	33	21													182
Roseires	00	8	07	2	0	0	—	—	34	41													172
El Obeid	00	9	02	3	0	2	1	6	32	09													174
El Fasher	00	8	04	2	0	2	1	—	31	19													175
Geneina	02	8	18	2	1	7	2	—	33	10													179
Kadugli	01	8	04	4	1	4	1	5	30	25													187
S. SÛDÂN																							
Malakal	01	8	02	4	1	4	4	5	33	44													176
Wâu	01	8	02	2	0	3	4,1	4	34	16													177
Juba	05	7	06	2	1	3	4	4	34	23													178

At 8h. on THURSDAY 12th (الساعة ٨ يوم الخميس ١٢)

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C	Max. Diff. from norm. °C	Minimum Today °C	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
MEDITERRANEAN																		
Salûm												—		—				28
Matrûh	00	9	18	3	0	0	—	7.8	−10.4	10.3			9	−2	38	0	29	51
Mariut	01	7	21	3	1	4	3	9		12	22	—	11	—	55	0	35	47
Alexandria	01	9	20	3	2	4	4	9.2	−9.4	12.8	22	+1	11	−2	44	0	28	62
Damietta	02	8	20	3	2	7	6	9.6	−8.3	11.5	20	—	10	—	69	0	3	29
Port Saʿîd	03	7	16	2	2	8	0	10.0	−7.4	12.2	21	0	9	−4	63	0	4	20
El ʿArîsh	02	9	16	1	0	5	3	10.6	−8.1	11.1	23	+2	8	−1	68	0	10	23
LOWER EGYPT																		
Damanhûr	01	6	24	4	1	5	5	9.4	−9.3	11.0	22	0	9	−1	44	0	44	23
Mansûra	02	7	16	2	2	5	6	10.3	−8.1	9.0	22	0	7	−3	69	0	5	12
Tanta	03	6	20	3	2	8	7	9.6	−9.4	10.4	21	−1	9	0	56	0	dr.	10
Zagazig	02	6	16	3	2	6	8	10.2	−8.8	9.9	22	0	9	0	78	0	dr.	8
Shebîn el Kôm	02	7	22	2	2	5	0	11.1	−7.8	10.8	24	—	9	—	50	0	dr.	—
MIDDLE EGYPT																		
Cairo: Almaza	02	7	20	3	2	5	4,1	10.1	−8.7	12.7	21	—	10	—	48	0	dr.	—
Cairo: Ezbekîya	05	5	14	2	1	7	4	11.4	−7.4	12.2	23	+1	8	−3	41	0	dr.	6
Cairo: Gîza	03	7	16	3	2	8	4	11.2	−7.6	12.5	23	+1	5	−6	47	0	dr.	7
Helwân	01	6	12	2	2	5	1	11.6	−7.7	10.6	20	−1	8	−2	34	0	dr.	5
Suez	00	9	00	0	0	0	—	11.0	−7.1	14.6	22	0	12	+1	74	0	dr.	7
UPPER EGYPT																		
Faiyûm	02	8	18	2	2	6	2	11.5	−7.8	8.8	22	−1	6	−3	49	0	dr.	1
Minya	01	7	16	1	1	4	2	12.7	−6.8	11.0	22	0	7	−2	50	0	dr.	—
Asyût	00	7	12	1	0	0	—	12.4	−6.1	10.2	23	+1	5	−3	56	0	0	2
Nag Hamâdi	00	8	00	0	0	0	—	12.2	−5.2	11.0	21	—	3	—	43	0	0	—
Qena	05	6	12	1	1	0	—	12.4	−6.1	10.4	21	−4	6	−3	72	0	0	—
Luxor	00	7	28	2	0	0	—	13.4	−5.0	13.6	24	−2	6	−2	40	0	0	—
Aswân	00	9	00	0	0	0	—	12.6	−5.6	15.4	25	−1	11	−1	43	0	0	—
WESTERN DESERT																		
Sîwa	00	7	20	2	0	0	—	10.4	−9.6	16.8	22	0	6	0	75	0	0	2
Baharîya																	0	3
Khârga	00	9	24	1	0	0	—	13.3	−5.7	7.0	19	−6	2	−7	44	0	0	—
Dâkhla	00	7	24	1	0	0	—	14.2	−5.6	6.5	23	−1	2	−5	61	0	0	—
RED SEA																		
Tôr	00	7	04	3	0	0	—	10.8	−6.6	13.1			7	−4	61	0	0	5
Hurghâda	00	8	24	2	0	2	1	10.6	−6.9	17.7	23	−1	11	−1	49	0	0	2
Quseir	00	8	30	2	0	0	—	11.0	−6.3	18.6	23	−2	16	−1	60	0	0	4
Port Sûdân	00	9	04	1	0	2	4	12		24					79	0	138	68
NORTH SÛDÂN																		
Wâdi Halfa	00	7	00	0	0	1	2	13		12					36	0	dr.	—
Kareima																0	dr.	1
ʿAtbara	00	8	32	2	0	2	4,1	11		19					43	0	dr.	2
Khartûm	01	8	32	2	0	4	2	12		19					33	0	2	4
Kassala	01	7	00	0	0	4	1	10		21					53	0	1	8
CENTRAL SÛDÂN																		
Wad Medani	00	8	32	4	0	3	1	9		21					65	0	15	12
Renk	01	8	04	2	0	3	1	10		26		—		—	32	—	—	49
Roseires	00	8	32	1	0	0	—	—		19					52	0	21	36
El Obeid	01	8	04	2	1	4	4,2	9		23					15	0	69	16
El Fâsher	01	8	00	0	1	4	1	—	—	17					34	0	4	6
Geneina	02	9	32	1	1	6	2	—	—	14		—		—	45	—	—	4
Kadugli	00	8	28	2	0	3	1	10		23		—		—	20	—	—	89
S. SÛDÂN																		
Malakâl	00	8	02	3	1	1	4	9		24					38	0	112	87
Wâu	01	8	14	2	0	3	4	9		24					69	0	159	142
Juba																0	212	133

Upper Winds on 11th (الرياح العليا يوم ١١)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

Matrûh	Mariut 14h.	Port Saʿîd	Almâza	Minya	Luxor	Hurghâda	Wâdi Halfa 12h. 45m.	Kareima 13h.	Khartûm 13h.	Kassala 13h. 30m.	El Obeid 12h. 45m.	Malakal 13h.	Juba 13h. 15m.
	03 19 20						09 14 10	09 32 30	09 24 20	09 24 25	09 34 20	09 03 15	09 02 15
	06 19 20						15 26 25	15 24 15	15 31 15	15 32 20	15 33 25	15 04 25	15 04 20
	09 18 30						21 27 50	21 25 20	21 28 35	21 31 25	21 32 20	21 04 30	21 02 15
	15 20 25						27 25 35	27 28 25	27 26 20	27 25 20	24 20 25	27 06 15	27 36 50
	21 18 20						33 25 45	33 29 45		39 36 15	27 20 30	33 03 15	33 32 05
	24 20 25						39 25 40	39 29 45			33 19 35	39 02 15	
	30 20 20										39 23 10		
	39 22 40												
	42 22 50												

Upper Winds on 12th (الرياح العليا يوم ١٢)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

Matrûh 7h. 30m.	Mariut 7h. 15m.	Port Saʿîd 6h. 45m.	Helwân 9h. 43m.	Minya 7h.	Asyût 7h.	Luxor 7h. 15m.	Aswân 7h.	Wâdi Halfa 7h.	Abu Hamad	Kareima	Khartûm
03 23 55	03 25 40	03 20 30	00 17 10	03 22 25	03 22 15	03 24 02		09 33 20			
06 23 55	06 26 35	06 21 30	02 17 10	06 29 20	05 24 20	06 27 05		15 24 15			
09 23 50	09 26 35	09 23 30	05 21 15	09 24 25	10 29 20	09 23 15	10 25 30	21 18 10			
	12 23 40	15 23 10	10 26 20	15 23 30		15 23 10	15 25 30	27 17 10			
	15 21 45	21 20 40	15 22 50				20 24 35	33 10 05			
	18 20 50		20 21 60								
	21 20 60		25 22 65								
	24 18 55		30 22 85								
			33 21 125								

Kassala 6h. 45m.	Port Sûdân 7h.	El Obeid	El Fâsher	Geneina 7h.	Malakal
09 04 25	09 18 20			09 09 15	
15 03 25	15 13 05			15 10 15	
21 28 10	21 31 25			21 34 05	
27 26 20	27 29 35			27 26 15	
39 29 15	33 29 30			39 21 15	
	39 28 10				

Upper Air Temp. Almâza

At — G.M.T. on —

Height feet	PPP mb.	TT	TT
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

Remarks

Hours are Egyptian standard time long 30 E. and are two hours fast on Greenwich mean time.

Mean of Day

Station	Humidity % on 11th	Diff. from normal	Wet Bulb Temp. °C on 11th	Diff. from normal
Alexandria	47	−18	10.0	−3.4
Ezbekîya	39	−30	9.7	−2.3
Gîza	47	−26	9.5	−2.2
Helwân	35	−22	8.1	−3.1

GÎZA — Grass Minimum Temp. on 12th: 1.2° C

CAIRO — Water Temp. River Nile at 8h. on 12th: 16.4° C

Gauge

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	12th				
Nâsser				10.78	+1.36
Malakâl		12.92	+0.78	12.92	+0.77
J. Aulia Res					
J. Aulia D S					
Roseires		13.68	+0.69	13.72	+0.69
Sennar Res.				20.73	—
Khartûm				11.94	+0.23
Kh. el Girba					
ʿAtbara		11.44	+0.36	11.45	+0.37
Kajnarti		135.22	+0.54	135.27	+0.57
Aswân Res.		119.43	—	119.41	—
Aswân D.S		96.93	+0.35	96.93	+0.23
Roda (Cairo)		16.72	+0.62	16.67	+0.55

Discharges at Aswan measured by sluices m³ per sec.

Date	1946	1945
12th	3026	1898
11th	2026	1991

Cyprus Synoptic on 12th

34720 22868 14528 09161 30300 97131

34807 25054 08388 10121 1X301 95111

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	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 Amount (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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)

	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, 1945 (45/306)

ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise 6 47 (h. m.)
Sunset 16 56

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month December 1946 — شهر ديسمبر ١٩٤٦

At 14h. on Thursday 12th (الساعة ١٤ يوم الخميس ١٢) — At 20h. on 12th (الساعة ٢٠ يوم الخميس ١٢)

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	°C Temp TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	°C Temp TTT	% Humidity UU	Rain 14-20h mms	Station Number
Mediterranean																							
Salûm																							130
Matrûh	18	7	22	4	3	0	—	5.6	16.7	28	0	00	8	18	3	3	0	—	9.6	12.7	35	0	131
Mariut	02	7	21	4	2	6	1	8	19	23	0	00	7	18	3	0	0	—	9	11	44	0	150
Alexandria	01	9	22	4	2	4	4	8.3	17.2	25	0	00	8	22	4	0	0	—	10.0	13.9	38	0	132
Damietta	02	8	18	2	2	7	6	9.4	14.8	53	0	00	6	18	1	2	0	—	10.0	13.8	27?		159
Port Sa'îd	03	6	20	3	2	8	6	9.8	14.	45	0	01	8	12	1	1	4	6	10.4	12.4	59	0	134
El 'Arîsh												02	9	22	2	0	5	—		14.1	68	0	135
Lower Egypt																							
Damanhûr	01	7	24	4	1	5	1	8.6	18.8	24	0	00	6	24	3	1	0	—	9.5	14.0	47	0	136
Mansûra	02	8	20	2	2	5	6	9.8	16.2	43	0	00	6	16	1	1	0	—	10.6	9.4	69		137
Tanta	01	8	20	3	1	5	8	9.1	17.4	39	0	01	8	16	2	1	4	8	10.2	10.1	63	0	138
Zagazig	02	6	20	3	2	6	8	10.2	15.6	43	0	00	6	24	2	0	0	—	10.4	12.9	82	0	139
Shebîn el Kôm	01	8	18	3	1	4	3	10.3	17.6	37	0	00	7	30	2	0	0	—	10.8	11.9	53	0	—
Middle Egypt																							
Cairo Almâza	03	7	20	1	2	8	5	9.9	16.8	45	0	00	7	17	3	1	0	—	11.0	11.9	57	0	141
Cairo Ezbekîya	05	6	14	3	2	8	7	10.3	16.7	39	0	00	6	14	2	0	0	—	12.0	12.4	52	0	—
Cairo Gîza	03	7	16	3	2	8	5	10.4	16.8	35	0	00	7	00	0	0	0	—	11.6	10.8	46	0	—
Helwân	02	6	18	3	2	8	5	10.3	15.5	34	0	00	6	14	2	0	0	—	11.6	12.0	39	0	143
Suez	01	9	00	0	1	5	5	10.3	20.7	40	0	00	9	18	1	0	0	—		16.8	55	0	144
Upper Egypt																							
Faiyûm	02	8	14	2	2	7	5	10.3	16.5	32	0	01	8	14	1	1	3	2	11.2	10.3	59	0	153
Minya	03	7	16	1	2	8	5	11.2	17.6	26	0	02	7	16	1	2	5	5	12.4	12.4	53	0	154
Asyût	00	7	28	1	0	0	—	11.8	19.1	28	0	00	6	18	1	0	0	—	12.7	13.3	52	0	155
Nag' Hamâdi	00	8	00	0	0	0	—	11.5	21.3	28	0	00	8	00	0	0	0	—	13.1	11.3	72	0	164
Qena	00	8	24	1	0	0	—	10.8	20.1	30	0	00	6	28	1	0	0	—	11.9	12.8	57	0	156
Luxor	00	7	30	2	0	0	—	11.0	24.5	24	0	00	6	32	1	0	0	—	11.9	15.6	35	0	157
Aswân	00	9	00	0	0	0	—	10.2	25.7	23	0	00	9	00	0	0	0	—	10.8	19.0	25	0	158
Western Desert																							
Sîwa	18	5	20	6	3	0	—	10.0	17.0	70	0	00		20	3	0	0	—	10.3	10.0	94	0	148
Baharîya																							149
Khârga	00	9	08	1	0	0	—	10.6	19.0	28	0	00	9	08	1	0	0	—	11.4	11.2	55	0	151
Dakhla	00	8	24	1	0	0	—	11.6	19.0	46	0	00	6	24	1	0	0	—	13.2	10.0	58	0	152
Red Sea																							
Tôr	00	7	28	3	0	0	—	10.3	24.2	53	0	00	7	28	2	0	0	—	10.6	20.2	53	0	145
Hurghâda	00	8	04	2	0	0	—	9.1	24.8	54	0	00	8	26	3	0	0	—	9.6	17.4	56	0	146
Quseir	00	8	08	2	0	0	—	9.8	23.6	57	0	00	8	26	3	0	0	—	9.9	22.2	72	0	147
Port Sûdân	00	8	10	4	0	1	8	9	27	70													408
North Sûdân																							
Wâdi Halfa	00	8	32	2	0	0	—	10	24	12													165
Kareima	00	8	30	2	1	1	4	8	32	08													166
'Atbara	01	8	24	3	0	3	4	6	33	15													167
Khartûm	01	8	04	2	1	3	1	6	34	10													468
Kassala	00	8	02	3	1	0	—		34	18													170
Central Sûdân																							
Wad Medani	00	8	30	4	0	2	3	5	23	24													171
Renk	00	8	32	2	0	1	1	4	36	12													182
Roseires	00	8	32	1	0	0	—		34	52													172
El Obeid	02	9	05	3	1	7	2	4	33	07													174
El Fâsher	01	8	08	2	1	4	4,3	—	35	30													175
Geneina	01	8	28	3	1	4	1	—	32	09													179
Kadugli	02	8	04	2	1	5		4	34	14													187
S. Sûdân																							
Malakal	01	8	04	3	0	4	4	4	35	30													176
Wâu	00	8	02	1	1	1	4	3	34	16													177
Juba	01	8	03	4	1	4	8,4	4	34	32													178

At 8h. on Friday 13th (الساعة ٨ يوم الجمعة ١٣)

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total From Oct. 1 mms.	Norm From Oct. 1 mms.
Mediterranean																		
Salûm												—		—				29
Matrûh	00	9	22	3	0	3	8	5.5	-12.8	11.3	–	–	10	-1	61	0	27	52
Mariut	00	7	19	5	0	2	2	9	—	10	19	—	9	—	38	0	36	48
Alexandria	01	8	20	5	2	4	8	9.4	-9.2	10.0	21	0	8	-5	41	0	28	64
Damietta	00	7	18	4	0	0	—	11.2	-6.7	10.1	15	—	6	—	51	0	3	29
Port Sa'îd	00	7	16	3	0	0	—	12.2	-5.2	11.8	15	-6	10	-3	44	0	4	21
El 'Arîsh	02	9	20	1	1	6	2	12.4	-6.3	13.3	18	+2	10	+1	53	0	10	24
Lower Egypt																		
Damanhûr	01	6	22	5	1	3	4	10.3	-8.4	8.8	19	-3	6	-4	42	0	44	24
Mansûra	00	8	16	2	0	0	—	11.8	-6.7	7.5	18	-4	4	-6	62	0	5	12
Tanta	00	8	16	3	0	0	—	11.0	-8.0	10.0	17	-5	6	-3	50	0	dr	10
Zagazig	00	6	12	2	0	0	—	12.6	-6.5	10.2	16	-6	7	-2	50	0	dr	8
Shebîn el Kôm	00	7	18	3	0	0	—	10.6	-8.4	7.7	19	—	6	—	56	0	dr	—
Middle Egypt																		
Cairo Almaza	05	6	18	3	0	0	—	12.3	-6.6	10.0	17	—	7	—	56	0	dr	—
Cairo Ezbekîya	05	4	18	3	2	7	1	12.3	-6.6	8.8	17	-5	7	-3	59	0	dr	6
Cairo Gîza	05	6	12	3	0	4	1	12.7	-6.2	9.5	17	-4	6	-2	56	0	tr	7
Helwân	05	5	14	2	0	0	—	13.2	-6.1	6.8	16	-5	6	-4	52	0	dr	5
Suez	00	9	18	1	0	0	—	13.6	-4.6	15.4	23	+1	7	-4	49	0	dr	7
Upper Egypt																		
Faiyûm	00	8	18	1	0	0	—	13.1	-6.2	6.8	18	-5	5	-4	53	0	dr	1
Minya	00	8	16	3	0	0				11.0	18	-4	7	-2	52	0	dr	—
Asyût	00	7	00	0	0	0	—	16.0	-3.6	9.7	21	-1	6	-2	55	0	0	2
Nag' Hamâdi	00	8	00	0	0	0	—	15.8	-2.7	10.0	23	—	5	—	60	0	0	—
Qena	05	6	22	2	0	0	—	15.5	-3.1	11.0	22	-3	6	-3	63	0	0	—
Luxor	00	7	28	1	0	0	—	15.4	-3.0	15.0	25	-+	6	-2	30	0	0	—
Aswân	00	9	32	2	0	0	—	14.7	-3.6	14.6	28	+2	11	-1	29	0	0	—
Western Desert																		
Sîwa	00	7	20	3	0	0	—	10.8	-9.2	12.0	17	-5	5	-1	89	0	0	2
Baharîya																	0	3
Khârga	00	9	00	0	0	0	—	13.5	-5.6	8.1	20	-5	6	-2	44	0	0	—
Dâkhla	00	7	00	0	0	0	—			9.0	21	-2	3	-4	61	0	0	—
Red Sea																		
Tôr	00	7	04	3	0	0	—	12.6	-4.8	15.8	24	+1	7	-3	31	0	0	5
Hurghâda	08	7	28	5	1	1	2	11.9	-5.6	17.6	27	+3	10	-2	46	0	0	2
Quseir	00	8	32	2	0	0	—	11.5	-5.8	17.7	26	+1	15	-1	24	0	0	4
Port Sûdân	01	9	28	1	0	3	8,2	11		26					74	0	138	68
North Sûdân																		
Wâdi Halfa	00	8	32	2	0	0	—	15		13					22	0	dr	—
Kareima	02	8	32	2	1	5	2	12		21					18	0	dr	1
'Atbara	01	8	02	2	1	4	4,2	11		22					53	0	dr	2
Khartûm																0	2	4
Kassala	00	8	00	0	1	3	1	9		26					58	0	1	8
Central Sûdân																		
Wad Medani	01	7	06	4	0	3	3	10		34					18	0	15	12
Renk	01	8	28	2	0	4		10		26		—		—	34	—	—	49
Roseires	01	8	28	1	1	4	4	10?		23					61	0	21	36
El Obeid	01	9	08	1	0	3	4	9		25					19	0	69	16
El Fâsher	00	8	00	0	0	2	1	—	—	18					37	0	4	6
Geneina								—	—			—		—		—	—	4
Kadugli	01	8	28	3	1	4	4	8		23		—		—	20	—	—	89
S. Sûdân																		
Malakâl	02	8	02	2	1	5	4	9		25					79	0	112	87
Wâu	00	8	00	0	0	1	4	9		19					88	0	159	142
Juba	02	8	14	2	1	6		9		24					69	0	212	134

Upper Winds on 12th (الرياح العليا يوم ١٢)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh h. m.	Mariut 12 h. 30 m.	Port Sa'îd 13 h. m.	Almâza 12 h. 45 m.	Minya 12 h. 30 m.	Luxor h. m.	Hurghâda h. m.	Wâdi Halfa 13 h. m.	Kareima 13 h. m.	Khartûm h. m.	Kassala h. m.	El Obeid h. m.	Malakal h. m.	Juba h. m.
	03 22 20	03 26 30	03 21 20	03 22 05			09 14 20	09 00 00					
	06 23 30	06 24 30	06 24 25	06 28 15			15 17 35	15 00 00					
	09 22 35	09 25 30	09 24 25	09 26 35			21 17 35	21 18 15					
	12 23 40	12 23 30	12 23 35	12 24 30			33 17 15	27 20 20					
	15 23 35	15 22 50	15 22 40	15 22 45			39 19 05	33 27 40					
		18 22 45	21 20 05	18 22 40				39 29 40					
			24 21 05										
			27 20 05										

Upper Winds on 13th (الرياح العليا يوم ١٣)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh h. m.	Mariut h. m.	Port Sa'îd h. m.	Helwân h. m.	Minya h. m.	Asyût h. m.	Luxor h. m.	Aswân h. m.	Wâdi Halfa 6 h. 30 m.	Abu Hamad h. m.	Kareima h. m.	Khartûm h. m.
								09 35 20			
								15 24 35			
								21 24 30			
								27 24 65?			
								33 23 15			

Kassala h. m.	Port Sûdân 9 h. m.	El Obeid h. m.	El Fâsher 7 h. 15 m.	Geneina h. m.	Malakal h. m.
	09 15 05		09 05 05		
	15 15 10		15 01 15		
	21 13 20		21 05 05		
	27 13 25		27 10 10		
	33 14 30		39 17 10		

Upper Air Temp Almâza at G.M.T. on

Height Feet	P.P.P. m.b.	T.T. °C	t °C
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

Cyprus Synoptic 8h. on 13th
347XX 018XX 30364 0911X XXXXX XXXXXX
34990 01855 18285 08120 80302 03101

Remarks

Hours are Egyptian standard time long 30° E and are two hours fast on Greenwich mean time

Station	Mean of day Humidity % on 12th	Diff from normal	Wet Bulb Temp °C on 12th	Diff from normal
Alexandria	36	-29	8.2	-5.1
Ezbekiya	39	-30	8.0	-3.9
Giza	39	-34	8.0	-3.6
Helwân	31	-26	6.8	-4.3

GÎZA — Grass Minimum Temp. on 13th 3.1 °C

CAIRO — Water Temp River Nile at 8h. on 12th 15.7 °C

Discharges at Aswân measured by sluices m³ per sec. Date	1946	1945
13-12	2026	1806
12-12	2026	1898

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	12				
Nâsser				10.36	+1.39
Malakâl		12.92	+0.79	12.92	+0.78
J. Aulia Res.				377.12	—
J. Aulia D S				372.65	+0.32
Roseires		13.66	+0.71	13.68	+0.69
Bennar Res.		20.70	—	20.73	—
Khartûm		11.90	+0.22	11.92	+0.22
Kh. el Girba					
'Atbara		11.42	+0.34	11.44	+0.36
Kajnarti		135.19	+0.54	135.22	+0.54
Aswân Res.	13	119.43	—	119.43	—
Aswân D.S		86.92	+0.54	86.93	+0.34
Roda (Cairo)		16.81	+0.74	16.72	+0.62

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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, 1945 (45/306)

ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise 06 42 h. m.
Sunset 16 57

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month *DECEMBER* 1946 — شهر ديسمبر ١٩٤٦

At 14h. on *FRIDAY 13th* — الساعة ١٤ يوم ١٣

STATION	Present Weather (WW)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 8-14 mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	01	9	22	4	3	4	8	5.9	18.3	50	0	131
MARIUT	33	3	20	5	4	2	4	8	17	42	0	150
ALEXANDRIA	02	7	20	7	2	5	9	7.6	16.0	50	0	132
DAMIETTA	04	6	18	4	0	0	—	9.2	17.0	43	0	159
PORT SA'ÎD	05	7	14	5	3	4	5	9.9	16.7	36	0	134
EL 'ARÎSH	00	9	24	1?	0	0	—	11.2	19.2	58	0	135
LOWER EGYPT												
DAMANHÛR	12	5	22	7	3	0	—	9.9	16.0	32	0	136
MANSÛRA	02	8	20	3	2	5	6	9.8	18.0	40	0	137
TANTA	00	8	20	3	0	0	—	9.2	17.3	41	0	138
ZAGAZIG	18	6	24	4	3	0	—	11.4	16.6	39	0	139
SHEBÎN EL KÔM	01	7	22	5	1	4	9	11.0	17.2	34	0	
MIDDLE EGYPT												
CAIRO ALMAZA	05	5	22	4	0	4	5	11.1	17.8	54	0	141
CAIRO EZBEKÎYA	05	6	18	5	1	4	5	10.3	17.2	25	0	
CAIRO GÎZA	05	6	18	5	2	4	5	12.2	18.2	36	0	
HELWÂN	18	5	18	5	3	1	4	10.8	16.3	35	0	143
SUEZ	00	9	30	1	0	0	—	11.8	20.8	33	0	144
UPPER EGYPT												
FAIYÛM	12	6	20	4	0	0	—	10.8	18.3	50	0	153
MINYA	00	8	24	4	0	0	—	11.2	19.4	32	0	154
ASYÛT	00	8	22	1	0	0	—	13.6	18.8	24	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	14.3	20.0	24	0	164
QENA	00	8	26	3	0	0	—	13.6	18.2	33	0	156
LUXOR	00	7	26	3	0	0	—	14.6	20.0	25	0	157
ASWÂN	00	9	28	1	0	0	—	13.1	22.0	29	0	158
WESTERN DESERT												
SÎWA	00	7	24	5	0	0	—	12.2	19.0	75	0	148
BAHARÎYA												149
KHÂRGA	00	9	20	1	0	0	—	13.0	21.1	29	0	151
DAKHLA	00	8	28	2	0	0	—	14.6	17.5	48	0	152
RED SEA												
TÔR	00	7	28	2	0	0	—	12.2	20.2	58	0	145
HURGHADA	00	8	28	5	0	0	—	11.0	20.9	41	0	146
QUSEIR	00	8	24	3	0	0	—	11.1	24.6	25	0	147
PORT SÛDÂN	01	9	12	4	1	3	3	8	30	59		
NORTH SÛDÂN												
WÂDI HALFA	00	7	00	4	0	3	2	13	22	50		165
KAREIMA	02	8	02	2	1	5	2	9	28	58		166
'ATBARA	00	8	08	2	1	2	3	5	35	13		167
KHARTÛM	00	8	02	1	1	2	4.1	5	36	09		
KASSALA	00	8	30	2	0	0	—	3	36	22		170
CENTRAL SÛDÂN												
WAD MEDANI												171
RENK												182
ROSEIRES	00	8	04	2	0	0	—		36	19		172
EL OBEID	02	9	32	4	1	5	4.2	3	35	10		174
EL FÂSHER	00	8	00	0	1	2	1	—	33	17		175
GENEINA	00	8	32	2	0	0	—	—	31	15		179
KADUGLI	00	8	28	3	0	1	1	3	33	11		187
S. SÛDÂN												
MALAKÂL	01	8	32	3	1	4	—	4	34	23		176
WÂU	00	8	06	1	0	0	—	3	34	16		177
JUBA	01	8	02	2	1	4	8	3	37	33		178

At 20h. on *13th* — الساعة ٢٠ يوم ١٣ الجمعة

STATION	Present Weather (WW)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 14-20 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	8	22	1	6	3	7	9.6	14.2	67	1
MARIUT	81	7	20	4	2	5	7	9	14	72	dt.
ALEXANDRIA	00	5	20	4	5	0	—	9.6	13.6	78	dt.
DAMIETTA	00	6	18	2	1	0	—	10.3	10.5	71	0
PORT SA'ÎD	02	8	26	2	2	5	0	11.5	14.3	82	0
EL 'ARÎSH	00	9	12	1	0	0	—	12.8	11.3	82	0
LOWER EGYPT											
DAMANHÛR	00	5	24	5	3	0	—	9.6	12.6	57	0
MANSÛRA	00	6	16	2	1	0	—	11.6	11.8	65	0
TANTA	00	8	24	1	0	0	—	10.7	13.0	63	0
ZAGAZIG	00	6	24	3	0	0	—	11.8	13.4	66	0
SHEBÎN EL KÔM	00	7	22	2	0	0	—	11.5	13.7	51	0
MIDDLE EGYPT											
CAIRO ALMAZA	00	7	21	3	0	0	—	12.0	14.2	65	0
CAIRO EZBEKÎYA	00	6	18	3	0	0	—	12.6	14.2	43	0
CAIRO GÎZA	00	8	18	1	1	0	—	12.8	12.8	60	0
HELWÂN	05	5	18	2	0	0	—	13.1	12.1	61	0
SUEZ	00	9	30	1	0	0	—	13.9	17.7	41	0
UPPER EGYPT											
FAIYÛM	12	6	20	1	3	0	—	13.2	13.0	55	0
MINYA	00	8	20	2	0	0	—		11.5	41	0
ASYÛT	00	6	20	1	0	0	—	16.2	11.2	61	0
NAG' HAMÂDI	00	8	00	0	0	0	—	16.6	10.9	64	0
QENA	00	6	24	2	0	0	—	15.4	11.4	57	0
LUXOR	00	6	28	2	0	0	—	16.2	12.2	41	0
ASWÂN	00	9	00	0	0	0	—	15.1	16.0	23	0
WESTERN DESERT											
SÎWA	00	—	24	2	0	0	—	15.2	15.0	78	0
BAHARÎYA	00	—	00	0	0	0	—		17.0	70	0
KHÂRGA	00	9	28	1	0	0	—		9.7	64	0
DAKHLA	00	6	28	1	0	0	—	16.8	10.0	56	0
RED SEA											
TÔR	00	7	28	2	0	0	—	14.7	16.5	42	0
HURGHADA	00	8	28	3	0	0	—	14.4	13.5	44	0
QUSEIR	00	8	28	2	0	0	—	13.4	18.9	25	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON *13th* — الرياح العليا يوم ١٣

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ID	ALMAZA	MINYA	LUXOR	HURGHADA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	13 h. m.	h. m.	12 h. 45 m.	h. m.	h. m.	13 h. 15 m.	13 h. m.	h. m.	12 h. 45 m.	13 h. m.	13 h. m.	12 h. 45 m.
		03 22 55		03 24 15			09 35 40	09 36 25		09 01 15	09 03 15	09 06 20	09 05 05
		06 22 45		06 22 25			15 28 35	15 29 05		15 36 15	15 03 15	15 06 20	15 09 10
		09 22 50		09 23 35			21 25 45	21 23 20		21 02 15	21 00 05	21 08 15	18 09 15
				15 22 35				27 25 45		27 23 10	27 18 05	27 13 15	
				18 22 30									

Remarks

Hours are Egyptian standard time, long 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	14th	2926	1713
	13th	2026	1806

STATION	Mean of day: Humidity % on 13th	Humidity Diff from normal	Wet Bulb Temp °C on 13th	Wet Bulb Temp Diff from normal
Alexandria	53	-12	9.0	-4.3
Ezbekîya	114	-25	7.8	-4.0
Gîza	51	-23	8.8	-3.7
Helwân	51	-6	7.2	-3.8
GÎZA	GRASS MINIMUM TEMP. ON 14th	6.7° c		
CAIRO	WATER TEMP. RIVER NILE ON 14th	AT 9h. 15.4° c		

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nasser					
Malakâl				48.92	+0.77
J. Aulia Res.					
J. Aulia D.S					
Roseires	14th	13.62	+0.69	13.88	+0.71
Sennar Res.				30.70	—
Khartûm				11.90	+0.22
Kh. el Girba					
Atbara		11.40	+0.33	11.82	+0.34
Kajnarti		135.13	+0.52	135.19	+0.54
Aswân Res.		119.42	—	119.43	—
Aswân D.S		86.92	+0.73	86.92	+0.54
Roda (Cairo)		16.81	+0.77	16.81	+0.74

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on *SATURDAY 14th* — الساعة ٨ يوم ١٤ السبت

STATION	Present Weather (WW)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Car Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Temp. Dry Bulb °C (TTT)	Maximum Yester day °C (MM)	Maximum Diff. from norm. °C	Minimum Today °C (mm)	Minimum Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms	Rainfall Total From Oct. 1 mms	Rainfall Norm From Oct 1 mms
MEDITERRANEAN																		
SALÛM												—		—				80
MATRÛH	01	9	22	2	1	5	8	13.6	-4.7	13.0			11	0	72	1	30	53
MARIUT	02	7	21	3	8	6	9.4	13		12	17	—	11	—	88	10	45	50
ALEXANDRIA	01	9	20	4	6	4	9	14.0	-4.6	12.6	17	-4	9	-4	89	5	33	65
DAMIETTA	14	8	18	4	1	3	9	13.1	-4.8	11.0	17	—	8	—	75	0	3	30
PORT SA'ÎD	01	8	20	4	1	3	4	13.6	-3.9	12.8	17	-4	11	-2	68	0	4	21
EL 'ARÎSH	00	9	16	2	0	0	—	14.2	-4.5	13.1	20	-1	10	+1	67	0	10	24
LOWER EGYPT																		
DAMANHÛR	01	6	24	3	1	3	8	13.2	-5.5	11.4	17	-5	8	-2	81	0	44	24
MANSÛRA	01	8	18	2	1	4	0	13.9	-4.6	10.0	18	-4	8	-2	80	0	5	12
TANTA	00	8	20	3	0	0	—	14.7	-4.3	11.8	18	-4	9	0	75	0	dt.	10
ZAGAZIG	00	6	18	3	0	0	—	15.4	-3.7	11.8	17	-5	10	+1	74	0	dt.	8
SHEBÎN EL KÔM	00	7	14	2	0	0	—	15.6	-3.4	10.4	19	—	7	—	80	0	dt.	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	20	4	0	0	—	15.4	-3.5	12.0	18	—	10	—	75	0	dt.	—
CAIRO EZBEKÎYA	05	5	16	3	0	0	—	16.4	-2.5	11.3	18	-3	9	-1	68	0	dt.	6
CAIRO GÎZA	05	7	14	3	0	0	—	16.3	-2.7	11.2	19	-2	9	+1	69	0	dt.	7
HELWÂN	00	6	14	2	0	1	4	16.7	-2.6	10.7	17	-4	9	-1	65	0	dt.	5
SUEZ	00	9	00	0	0	0	—	16.2	-2.0	13.3	21	-1	11	0	69	0	dt.	7
UPPER EGYPT																		
FAIYÛM	00	8	16	3	0	0	—	17.0	-2.3	9.5	19	-4	6	-3	71	0	dt.	1
MINYA	00	8	16	3	0	0	—	18.6	-1.0	11.4	19	-2	8	0	59	0	dt.	—
ASYÛT	00	7	08	1	0	0	—	18.7	-0.9	11.1	20	-2	6	-2	66	0	0	2
NAG' HAMÂDI	00	8	00	0	0	0	—	18.8	+0.2	10.3	20	—	4	—	58	0	0	—
QENA	05	7	04	2	0	0	—	18.8	+0.2	10.1	19	-6	3	-6	54	0	0	—
LUXOR	00	7	28	2	0	0	—	19.0	+0.5	9.8	21	-5	4	-4	42	0	0	—
ASWÂN	00	9	32	1	0	0	—	18.6	+0.3	13.0	23	-3	8	-4	38	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	17.0	-3.1	10.3	19	-3	7	+1	70	0	0	2
BAHARÎYA	00	9	32	1	0	0	—	18.2	-1.9	12.0	23	+1	9	+3	80	0	0	3
KHÂRGA	00	9	00	0	0	0	—	17.9	-1.2	8.6	22	-2	5	-3	55	0	0	—
DAKHLA	00	7	12	1	0	0	—	18.6	-1.3	7.0	19	-4	3	-4	62	0	0	—
RED SEA																		
TÔR	00	7	04	3	0	0	—	18.0	+0.5	9.7	22	-1	7	-3	37	0	0	5
HURGHADA	00	8	26	3	0	0	—	17.0	-0.6	14.5	22	-2	9	-3	60	0	0	2
QUSEIR	00	8	30	3	0	0	—	16.0	-1.4	14.9	25	0	13	-3	44	0	0	4
PORT SÛDÂN	18	6	30	5	1	6	6	12		26					58	0	138	69
NORTH SÛDÂN																		
WÂDI HALFA	00	8	04	2	0	1	2	14		11					33	0	dt.	—
KAREIMA	00	7	04	3	0	0	—	15		16					39	0	dt.	1
'ATBARA	01	7	32	4	1	4	—	12		19					19	0	dt.	2
KHARTÛM	00	7	32	3	0	0	—	12		20					17	0	2	4
KASSALA	00	7	32	2	0	0	—	10		22					69	0	1	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	02	4	0	0	—	10		22					19	0	15	12
RENK	00	8	04	3	0	0	—	10		25	—	—	—	—	30	—	—	49
ROSEIRES	00	8	32	1	0	0	—	9		19					52	0	21	36
EL OBEID	01	8	30	4	0	3	1	12		19					16	0	69	16
EL FÂSHER	01	8	04	2	1	3	2	—	—	16					28	0	4	6
GENEINA								—	—		—	—	—	—		—	—	4
KADUGLI	02	8	28	2	1	5	1	10		24	—	—	—	—	22	—	—	89
S. SÛDÂN																		
MALAKÂL																0	112	87
WÂU	01	8	00	0	1	5	4	9		19					78	0	159	142
JUBA	05	6	14	2	0	0	—	9		24					65	0	212	134

UPPER WINDS ON *14th* — الرياح العليا يوم ١٤

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ID	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	7 h. 15 m.	6 h. 45 m.	7 h. 15 m.	7 h. 15 m.	7 h. m.	7 h. 30 m.	7 h. m.	7 h. 15 m.	7 h. 15 m.	7 h. m.	h. m.
	03 23 15	03 25 55	02 19 25	03 19 20	02 24 05	03 35 10	02 03 10	09 02 35	09 36 35	09 04 15	
	06 29 20	06 25 30	05 20 45	06 30 25	05 31 10	06 29 20	05 01 25	15 29 15	15 33 10	15 09 10	
	Expl. dd	09 26 30	08 23 25	09 29 20	10 31 10	09 27 15	10 01 30	27 27 45	21 32 15	21 10 10	
		12 26 25	10 24 30	12 28 10	15 31 15	12 27 20	15 02 25	33 25 60	24 35 15	27 09 10	
			15 23 15	15 25 20			20 19 05				
			20 24 75	18 28 30			25 31 25				
				21 27 30			30 30 15				
				24 30 25			40 27 40				
							45 30 50				

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. m.	7 h. m.	7 h. m.	7 h. 15 m.	h. m.	h. m.
09 03 20	09 04 15	09 02 50	09 04 20		
15 03 25		15 05 55	15 03 15		
21 03 30		21 09 30	21 01 10		
27 03 25		27 10 30	24 01 10		
		33 35 15			
		39 30 05			

CYPRUS SYNOPTIC 8h. ON *14th*

34700 02976 20266 10100 90504 88888
31800 01764 12225 12110 90788 88888

UPPER AIR TEMP. ALMAZA AT G.M.T. ON *14th*

HEIGHT FEET	PPP m.b.	TT °c	TT °c
Surface	NONE		
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

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.

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	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	8
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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise h. 06 m. 43
Sunset h. 16 m. 57

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month December 1946 — شهر ديسمبر ١٩٤٦

At 14h. on Saturday 14th (الساعة ١٤ يوم السبت ١٤) — At 20h. on 14th (الساعة ٢٠ يوم السبت ١٤)

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20 mms	Station Number
MEDITERRANEAN																							
Salûm																							130
Matrûh	01	9	30	2	1	4	8	14.7	18.2	52	0	01	8	18	2	1	4	8	16.2	15.5	71	0	131
Mariut	81	6	24	1	2	6	9	14	17	77	0	00	7	00	0	8	0	—	16	13	100	9	150
Alexandria	02	7	20	1	6	6	9	14.8	15.2	96	6	01	5	00	0	2	4	4	16.7	16.4	70	2	132
Damietta	01	8	20	3	1	3	9	13.5	19.4	58	0	00	6	18	1	1	3	6	15.8	12.8	91	0	159
Port Sa'îd	00	8	20	3	0	1	2	14.2	18.0	69	0	00	8	18	2	0	1	2	16.4	14.9	73	0	134
El 'Arîsh	00	9	20	4	0	0	—	14.2	21.1	64	0	00	9	20	2	0	0	—	16.8	13.9	85	0	135
LOWER EGYPT																							
Damanhûr	02	7	24	4	2	5	8	13.9	21.4	54	0	01	6	24	3	1	4	8	15.5?	13.0	82	0	136
Mansûra	01	8	20	2	1	3	8	14.6	19.8	57	0	00	6	04	1	1	0	—	16.4	13.8	80	0	137
Tanta	01	8	20	3	1	4	8	14.6	19.0	63	0	00	8	00	0	0	0	—	16.3	12.4	62	0	138
Zagazig	01	6	24	3	1	4	8	15.6	19.4	59	0	00	6	24	2	0	0	—	16.3	13.6	83	0	139
Shebîn el Kôm	01	8	22	4	1	3	9	15.0	21.2	47	0	00	7	22	2	0	0	—	17.1	14.1	74	0	—
MIDDLE EGYPT																							
Cairo: Almâza	01	8	20	4	1	4	8	15.1	19.8	39	0	00	7	00	0	0	0	—	17.1	14.5	58	0	141
Cairo: Ezbekîya	01	8	24	4	1	4	8	15.5	20.2	45	0	00	7	00	0	0	0	—	17.5	14.6	64	0	—
Cairo: Gîza	01	8	20	4	1	4	8	15.6	21.2	46	0	00	8	00	0	0	0	—	17.6	11.7	72	0	—
Helwân	00	8	20	4	0	2	8	16.0	18.2	48	0	00	7	16	1	0	0	—	17.4	14.2	58	0	143
Suez	01	9	02	1	1	4	8	15.8	21.3	50	0	00	9	00	0	0	0	—	18.0?	16.8	60	0	144
UPPER EGYPT																							
Faiyûm	01	8	22	4	1	3	8	16.0	21.0	42	0	00	8	22	1	0	0	—	17.6	14.3	63	0	153
Minya	01	8	24	2	1	4	8	16.7	22.6	33	0	00	8	16	2	1	1	—	17.9	14.0	65	0	154
Asyût	00	8	26	1	0	0	—	17.4	19.1	47	0	00	6	22	1	0	0	—	18.6	11.9	77	0	155
Nag' Hamâdi	00	8	00	0	0	0	—	16.6	20.2	44	0	00	8	00	0	0	0	—	17.9	12.5	79	0	164
Qena	00	8	22	2	0	0	—	15.8	18.6	47	0	00	6	22	2	0	0	—	17.4	13.8	69	0	156
Luxor	00	7	30	2	0	0	—	16.7	21.0	41	0	00	6	32	1	0	0	—	17.8	13.0	45	0	157
Aswân	00	9	28	2	0	0	—	15.6	19.6	30	0	00	9	32	1	0	0	—	16.0	16.8	33	0	158
WESTERN DESERT																							
Sîwa	00	8	20	2	0	0	—	17.5	19.4	49	0	00	—	00	0	0	0	—	17.4	10.5	81	0	148
Baharîya	00	9	00	0	0	0	—	17.8	22.0	58	0	00	9	00	0	0	0	—	19.0	14.0	78	0	149
Khârga	00	9	12	1	0	0	—	15.6	20.3	29	0	00	9	32	1	0	0	—	17.7	11.5	60	0	151
Dakhla	00	8	28	1	0	0	—	17.0	20.5	43	0	00	6	28	1	0	0	—	18.8	11.0	52	0	152
RED SEA																							
Tôr	00	7	28	3	0	0	—	15.9	20.2	42	0	00	7	28	3	0	0	—	16.8	17.1	74	0	145
Hurghada	00	8	32	4	0	0	—	15.0	20.9	56	0	00	8	22	3	0	0	—	16.4	15.3	61	0	146
Quseir	00	8	32	2	0	0	—	15.4	20.2	53	0	00	8	28	2	0	0	—	16.0	19.0	57	0	147
Port Sûdân	02	7	02	4	2	5	6,4	10	27	62													169
NORTH SÛDÂN																							
Wâdi Halfa	02	8	02	3	1	5	2	15	21	14													165
Kareima	02	8						11	27	17													166
'Atbara	02	7	32	4	1	6	2	7	27	25													167
Khartûm	01	7	02	3	0	5	4,2	7	33	10													168
Kassala	02	8	02	3	0	5	2	4	34	20													170
CENTRAL SÛDÂN																							
Wad Medani	01	8	02	4	0	4	1	4	36	09													171
Renk	01	9	02	3	1	3	1	4	35	22													182
Roseires																							172
El Obeid	01	8	02	4	1	5	3	7	30	09													174
El Fasher	01	8	04	2	1	5	2	—	28	19													175
Geneina																							179
Kadugli																							187
S. SÛDÂN																							
Malakâl																							176
Wâu																							177
Juba	01	8	26	1	0	3	8	3	36	03													173

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

UPPER WINDS ON 14th 13h

Matrûh	Mariut (13h)	Port Sa'îd	Almâza (13h)	Minya (13h)	Luxor (13h 45m)	Hurghâda	Wâdi Halfa	Kareima	Khartûm	Kassala	El Obeid	Malakal	Juba
	03 25 20		03 21 30	03 25 20	03 36 10								
	06 26 25		06 23 30	06 26 25	06 30 05								
	09 27 30		09 23 40	09 25 20	09 32 10								
	12 28 24		12 24 45	12 22 15	15 02 10								
	15 27 25		15 26 35	15 26 20	18 34 10								
			21 26 45	18 27 30	21 29 10								
				21 26 20	24 26 10								
				27 26 20	30 27 30								
				30 27 30									

REMARKS

Hours are Egyptian standard time long. 30° E and are two hours fast on Greenwich mean time.

Station	Humidity 14th	Diff from normal	Wet bulb temp 14th	Diff from normal
Alexandria	74	+9	13.5	+0.3
Ezbekiya	59	-10	11.3	-0.4
Gîza	63	-11	10.9	-0.5
Helwân	57	0	10.3	-0.6

GÎZA — GRASS MINIMUM TEMP on 15th 4.2°

CAIRO — WATER TEMP RIVER NILE at 8h. on 15th 15.6°

Discharges at Aswan measured by sluices m³ per sec.	Date	1946	1945
	15-12	2026	1620
	14-12	2026	1713

Gauge	Date 1946	Reading	Diff from normal	Previous day Reading	Diff from normal
Jûba					
Nâsser	12			10.74	+1.51
Malakâl		12.92	+0.83	12.92	+0.81
J. Aulia Res.					
J. Aulia D.S.					
Roseires		13.59	+0.70	13.62	+0.69
Sennar Res.				20.68	—
Khartûm				11.86	+0.20
Kh. el Girba					
Atbara		11.38	+0.32	11.40	+0.33
Kajnarti		135.09	+0.51	135.13	+0.52
Aswân Res.	15	119.39	—	119.42	—
Aswân D.S.		86.90	+0.71	86.92	+0.73
Roda (Cairo)		16.81	+0.80	16.81	+0.77

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on Sunday 15th (الساعة ٨ يوم الأحد ١٥)

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total From Oct. 1 mms	Norm. From Oct. 1 mms
MEDITERRANEAN																		
Salûm												—		—				30
Matrûh	00	9	22	1	0	0	—	17.0	-1.3	11.9	—	—	10	-1	67	0	30	54
Mariut	02	7	21	3	8	6	8,4	13	—	12	18	—	11	—	88	19	64	81
Alexandria	01	9	20	1	2	4	9	17.8	-0.8	15.0	19	-2	10	-2	76	16	49	67
Damietta	00	6	18	1	1	3	9	17.4	-0.6	10.6	20	—	8	—	91	0	3	30
Port Sa'îd	00	8	18	3	0	2	4	17.8	+0.3	12.0	18	-3	11	-1	84	0	4	22
El 'Arîsh	00	9	18	3	0	0	—	17.9	-0.9	14.9	21	0	9	0	70	0	10	25
LOWER EGYPT																		
Damanhûr	00	6	24	3	0	0	—	17.8	-0.9	10.8	22	0	9	-1	77	0	44	25
Mansûra	00	8	16	2	0	0	—	18.0	-0.5	9.0	21	-1	7	-3	87	0	5	13
Tanta	00	8	00	0	0	0	—	17.8	-1.2	11.6	19	-3	8	-1	73	0	dr	10
Zagazig	00	6	22	2	0	0	—	17.8	-1.4	10.8	20	-2	9	+1	87	0	dr	8
Shebîn el Kôm	00	7	22	1	0	0	—	18.6	-0.5	10.2	22	—	8	—	75	0	dr	—
MIDDLE EGYPT																		
Cairo: Almaza	00	7	18	1	0	0	—	18.2	-0.8	12.5	20	—	10	—	63	0	dr	—
Cairo: Ezbekîya	08	4	20	3	4	0	—	18.4	-0.6	12.7	21	0	10	0	69	0	dr	6
Cairo: Gîza	05	6	18	1	0	0	—	18.7	-0.3	12.0	22	+1	8	0	73	0	tr	7
Helwân	00	7	00	0	0	0	—	18.8	-0.6	11.0	19	-1	10	0	65	0	dr	6
Suez	00	9	00	0	0	0	—	19.6	+0.7	12.7	23	+1	8	-3	71	0	dr	7
UPPER EGYPT																		
Faiyûm	00	8	00	0	0	0	—	19.0	-0.4	9.0	21	-1	6	-2	73	0	dr	1
Minya	00	7	20	2	0	0	—	19.1	-0.5	14.0	23	+2	7	-1	57	0	dr	—
Asyût	00	6	08	1	0	0	—	18.6	-1.1	11.2	21	-1	6	-2	78	0	0	2
Nag' Hamâdi	00	8	00	0	0	0	—	18.6	-0.1	12.3	21	—	4	—	74	0	0	—
Qena	00	7	24	2	0	0	—	18.0	-0.7	10.1	20	-5	5	-4	73	0	0	—
Luxor	00	7	14	2	0	0	—	18.6	0.0	11.0	23	-3	5	-3	63	0	0	—
Aswân	02	9	32	1	1	5	1	17.2	-1.2	11.6	21	-4	8	-4	60	0	0	—
WESTERN DESERT																		
Sîwa	00	7	00	0	0	0	—	18.2	-2.0	6.2	20	-2	3	-2	72	0	0	2
Baharîya	00	9	00	0	0	0	—	19.3	-0.9	13.2	23	+1	5	-1	5	0	0	3
Khârga	01	9	30	1	1	3	2	16.8	-3.3	10.8	21	-3	9	+1	44	0	0	—
Dâkhla	00	7	04	1	0	0	—	19.4	-0.6	5.7	21	-2	3	-4	67	0	0	—
RED SEA																		
Tôr	00	7	04	3	0	0	—	17.1	-0.4	11.7	22	-1	7	-3	47	0	0	5
Hurghâda	00	8	24	4	0	0	—	16.8	-0.8	14.6	21	-3	10	-2	65	0	0	2
Quseir	00	8	28	3	0	0	—	16.0	-1.4	15.6	21	-4	15	-1	60	0	0	4
Port Sûdân	01	8	30	4	1	4	6,4	14		26					62	0	138	70
NORTH SÛDÂN																		
Wâdi Halfa	01	8	02	1	1	5	2	16		11					58	0	dr	—
Kareima	02	8	00	0	1	8	2	14		16					20	0	dr	1
'Atbara	02	7	02	3	1	7	2	12		20					43	0	dr	2
Khartûm	01	7	32	3	0	4	2	12		21					20	0	2	4
Kassala	01	8	06	2	0	4	1	9		26					66	0	1	8
CENTRAL SÛDÂN																		
Wad Medani	00	8	02	4	0	3	1	10		23					50	0	15	12
Renk	00	8	04	3	0	0	—	10		22		—		—	31	—	—	49
Roseires	00	8	32	1	0	0	—	9		23					41	0	21	36
El Obeid	02	8	32	3	1	5	2	11		18					37	0	69	16
El Fâsher	02	8	00	0	0	5	2	—	—	14					34	0	4	6
Geneina	01	8	06	2	1	4	1	—	—	14		—		—	32	0	—	4
Kadugli	00	8	24	2	0	0	—	10		23		—		—	27	—	—	89
S. SÛDÂN																		
Malakâl	00	8	32	3	0	0	—	9		23					32	0	112	87
Wâu																0	159	142
Juba	01	7	14	2	0	4	8	9		23					69	0	212	135

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

UPPER WINDS ON 15th

Matrûh	Mariut (7h 15m)	Port Sa'îd	Helwân (9h 30m)	Minya	Asyût (7h)	Luxor (7h 15m)	Aswân (7h)	Wâdi Halfa (7h)	Abu Hamad (7h 15m)	Kareima (7h)	Khartûm (6h 30m)
	03 26 15		02 18 10		02 35 10	06 01 20	02 03 10	09 03 65	09 08 20	09 06 30	09 05 45
	06 29 20		05 28 10		05 04 20	09 04 10	05 05 30	15 04 60	15 23 05	15 03 10	15 03 35
			08 25 10		10 03 20	15 12 05	10 07 25	21 04 70	18 21 15	21 07 05	21 36 30
			10 25 10			21 22 15	15 06 15	27 04 40		27 25 15	27 03 15
			15 06 15			27 22 25	20 03 10	33 07 15			33 19 30
			17 06 20			30 29 25		39 04 30			39 22 20

Kassala (7h)	Port Sûdân (7h 15m)	El Obeid (7h 15m)	El Fâsher (7h)	Geneina (7h 15m)	Malakal (7h 15m)
09 05 15	09 04 25	09 05 45	09 33 10	09 06 20	09 04 35
15 05 25	15 10 20	15 07 40	15 06 30	15 13 15	15 34 30
21 05 25	21 14 25	21 07 25	21 12 30	21 15 05	21 28 35
27 02 25	27 15 15	27 10 10	27 14 35	27 11 05	27 26 40
	33 15 15	33 06 05			33 24 35
					39 28 30

UPPER AIR TEMP — ALMÂZA at G.M.T. on

Height Feet	P.P.P. mb.	
Surface	NONE	
500		
1000		
1500		
2000		
4000		
6000		
8000		
10000		
12000		
14000		
15000		

CYPRUS SYNOPTIC 8h. ON 15th

34770 02985 28365 17120 90306 11091
34872 02866 09216 19110 90407 97081

ANNUAL SUBSCRIPTION P.T. 150

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	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
	5
10	6
20	7
50	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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) is on Scale 01-32, e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

CAIRO Time of Sunrise h. 6 m. 44 — Sunset h. 16 m. 57

Month DECEMBER 1946 — شهر ديسمبر ١٩٤٦

At 14h. on SUNDAY 15th — الساعة ١٤ يوم ١٥ — At 20h. on 15th — الساعة ٢٠ يوم الأحد ١٥

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
Mediterranean																							
SALÛM																							130
MATRÛH	01	9	00	0	1	6	8	15.4	18.9	48	0	00	8	06	1	0	0	—	15.4	14.0	70	0	131
MARIUT	01	7	27	2	0	5	6,4	16	20	64	0	00	7	00	0	1	3	1	16	14	88	0	150
ALEXANDRIA	01	9	20	2	2	4	1	16.2	19.8	67	0	00	5	08	1	0	0	—	16.2	15.7	76	0	132
DAMIETTA	01	8	06	2	1	3	8	16.0	17.7	73	0	01	6	10	1	1	3	5	16.2	13.8	92	0	159
PORT SA'ÎD	01	8	30	3	1	3	3	16.2	18.1	68	0	00	8	06	2	0	3	1	16.3	15.1	90	0	134
EL 'ARÎSH	00	9	30	4	0	0	—	16.2	18.2	64	0	00	9	16	3	0	0	—	17.0	12.8	95	0	135
Lower Egypt																							
DAMANHÛR	01	7	20	3	1	4	8	15.8	21.4	54	0	00	7	24	2	1	0	—	16.4	15.0	76	0	136
MANSÛRA	01	8	02	2	1	4	8	16.0	21.6	57	0	00	6	02	1	1	0	—	16.6	14.4	81	0	137
TANTA	01	8	00	0	1	4	8	15.6	20.2	55	0	01	8	00	0	1	4	1	15.9	14.6	78	0	138
ZAGAZIG	01	6	24	2	1	4	8	16.8	20.6	54	0	00	6	32	2	0	0	—	17.6	15.4	77	0	139
SHEBÎN EL KÔM	00	8	22	3	0	2	8	16.4	22.8	48	0	00	7	22	2	0	0	—	16.8	14.4	75	0	—
Middle Egypt																							
CAIRO ALMÂZA	00	8	28	1	0	2	1	16.0	20.4	46	0	00	7	00	0	0	0	—	15.9	15.9	60	0	141
CAIRO EZBEKÎYA	01	7	26	1	0	3	3	15.9	20.6	50	0	00	6	02	1	0	0	—	16.6	15.9	58	0	—
CAIRO GÎZA	00	8	26	1	0	2	4	16.3	20.7	46	0	00	7	00	0	0	0	—	16.2	13.5	80	0	—
HELWÂN	00	8	24	1	0	1	1	15.8	18.0	46	0	00	7	32	4	0	0	—	15.9	16.2	58	0	143
SUEZ	00	9	00	0	0	0	—	16.2	20.2	50	0	00	9	30	1	0	0	—	16.7	16.5	59	0	144
Upper Egypt																							
FAIYÛM	01	8	22	1	1	3	1	15.9	21.7	43	0	01	6	00	0	1	3	1	15.9	12.7	82	0	153
MINYA	01	7	32	2	1	4	1	16.2	22.0	36	0	00	8	32	1	1	0	—	16.3	14.8	60	0	154
ASYÛT	00	8	30	1	0	0	—	15.1	19.2	47	0	00	6	20	1	0	0	—	16.4	13.1	65	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	14.6	22.0	49	0	00	8	00	0	0	0	—	15.6	11.4	83	0	164
QENA	01	8	24	1	0	4	1	14.3	19.4	42	0	01	6	24	1	1	4	1	14.7	13.2	64	0	156
LUXOR	01	7	30	2	1	4	1	16.0	21.5	42	0	00	6	30	2	0	0	—	15.1	15.0	49	0	157
ASWÂN	02	9	02	2	1	5	1	12.7	23.7	29	0	00	9	00	0	0	0	—	13.5	17.8	37	0	158
Western Desert																							
SÎWA	00	8	00	0	0	0	—	16.7	19.8	41	0	00	—	00	0	0	0	—	15.2	9.3	63	0	148
BAHARÎYA												00	—	00	0	0	0	—	17.5	15.0	68	0	149
KHÂRGA	01	9	08	1	1	5	5	14.3	20.5	47	0	02	9	30	1	2	5	5	15.5	14.0	49	0	151
DAKHLA	01	8	04	1	1	3	1	15.4	20.5	45	0	00	6	28	1	0	0	—	17.6	10.0	56	0	152
Red Sea																							
TÔR	00	7	26	3	0	0	—	14.8	22.2	41	0	00	7	28	2	0	0	—	15.0	15.2	61	0	145
HURGHÂDA	01	8	32	3	1	4	1	13.8	21.7	58	0	01	8	24	3	1	3	4	14.8	14.9	71	0	146
QUSEIR	00	8	32	2	1	3	1	14.8	21.4	67	0	00	8	02	2	1	3	2	14.2	19.2	61	0	147
PORT SUDAN	02	8	02	4	1	6	8,4	11	27	70													168
North Sûdân																							
WÂDI HALFA	02	8	32	3	1	6	2	12	23	19													165
KAREIMA	01	8	32	1	1	6	2	9	28	23													166
'ATBARA	02	7	02	3	1	7	2	6	32	26													167
KHARTÛM	02	7	02	3	1	5	2	6	33	21													169
KASSALA	01	8	02	3	1	5	2	4	34	29													170
Central Sûdân																							
WAD MEDANI	02	8	02	5	0	7	1	4	36	12													171
RENK																							182
ROSEIRES	00	8	24	1	0	0	—	2	36	31													172
EL OBEID	02	8	02	4	1	8	2		32	13													174
EL FÂSHER	01	8	00	0	1	4	1	—	32	20													175
GENEINA	01	8	04	2	1	3	2	—	32	13													179
KADUGLI	00	8	04	4	0	0	—	4	30	10													187
S. Sûdân																							
MALAKÂL	00	8	32	3	0	0	—	3	35	22													176
WÂU	00	8	04	4	0	1	1	3	34	16													177
JUBA	05	7	30	3	1	3	8	3	37	24													178

At 8h. on MONDAY 16th — الساعة ٨ يوم الاثنين ١٦

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C	Max. Diff. from norm. °C	Minimum Today °C	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total From Oct. 1 mms	Norm. From Oct. 1 mms
Mediterranean																		
SALÛM												—		—				31
MATRÛH	00	9	14	1	0	0	—	14.2	-4.1	11.2			8	-3	63	0	30	55
MARIUT	43	4	00	0	4	3	1	15		13	21	—	11	—	94	0	64	52
ALEXANDRIA	01	7	16	2	1	3	1	15.4	-3.2	15.4	21	0	11	-1	75	0	49	68
DAMIETTA	04	5	18	1	4	3	3	14.7	-3.3	11.6	22	—	10	—	100	0	3	31
PORT SA'ÎD	01	8	12	2	1	4	1	14.8	-2.7	15.7	20	-1	11	-1	87	0	4	22
EL 'ARÎSH	00	9	14	2	0	3	4	16.3	-2.5	12.3	22	+1	12	+3	82	0	10	25
Lower Egypt																		
DAMANHÛR	01	5	12	2	1	4	1	15.0	-3.7	9.8	23	+1	9	-1	89	0	44	26
MANSÛRA	01	8	12	1	1	4	0	14.8	-3.8	9.5	23	+1	8	-2	91	0	5	13
TANTA	01	8	02	1	1	4	1	15.2	-3.8	10.0	22	0	6	-3	96	0	dr.	10
ZAGAZIG	00	6	02	2	0	2	8	15.4	-3.8	9.2	23	+2	8	0	92	0	dr.	8
SHEBÎN EL KÔM	09	6	02	1	4	1	3	16.0	-3.1	9.9	24	—	8	—	89	0	dr.	—
Middle Egypt																		
CAIRO ALMAZA	45	6	00	0	1	4	1	14.6	-4.5	12.2	22	—	9	—	68	0	dr.	—
CAIRO EZBEKÎYA	05	5	00	0	0	0	—	15.5	-3.6	13.4	22	+1	9	-1	64	0	dr.	6
CAIRO GÎZA	09	5	00	0	2	8	2	15.2	-3.9	11.4	23	+2	6	-2	91	0	tr.	8
HELWÂN	01	7	00	0	1	4	1	15.0	-4.4	11.3	20	0	10	0	68	0	dr.	6
SUEZ	00	9	00	0	0	0	—	15.5	-2.6	12.5	22	0	10	-1	78	0	dr.	7
Upper Egypt																		
FAIYÛM	02	8	18	1	2	5	2	15.5	-3.9	12.8	22	0	8	0	55	0	dr.	1
MINYA	01	7	12	2	1	5	1	15.8	-3.8	12.0	22	+1	9	+1	67	0	dr.	—
ASYÛT	01	7	12	1	1	4	5	15.9	-3.8	10.0	24	+3	7	-1	62	0	0	2
NAG' HAMÂDI	00	8	00	0	0	0	—	16.2	-3.6	9.6	24	—	3	—	69	0	0	—
QENA	01	6	28	1	1	4	1	15.6	-3.1	11.4	21	-4	5	-4	64	0	0	—
LUXOR	01	7	02	2	1	4	1	17.0	-1.7	14.0	23	-3	5	-3	39	0	0	—
ASWÂN	02	9	32	2	1	5	1	14.6	-3.9	13.4	25	0	10	-2	52	0	0	—
Western Desert																		
SÎWA	00	7	00	0	0	0	—	14.6	-5.6	8.8	20	-2	4	-1	66	0	0	3
BAHARÎYA	00	7	00	0	0	0	—	—	—	14.0	21	+1	5	-1	78	0	0	3
KHÂRGA	02	9	30	1	2	5	5	16.0	-3.1	9.9	21	-3	6	-3	67	0	0	—
DÂKHLA	01	7	12	1	0	3	1	16.0	-4.0	8.0	22	-1	4	-3	68	0	0	—
Red Sea																		
TÔR	00	7	04	3	0	0	—	14.3	-3.3	10.4	22	-1	9	-3	69	0	0	5
HURGHÂDA	01	7	24	3	1	5	1	14.0	-3.6	14.6	22	-2	9	-3	57	0	0	2
QUSEIR	01	8	28	3	1	4	2	13.8	-3.6	16.0	22	-3	16	-1	69	0	0	4
PORT SÛDÂN	02	8	28	3	1	6	4,6	13		24					47	0	138	91
North Sûdân																		
WÂDI HALFA	02	8	04	1	1	7	2	15		11					47	0	dr.	—
KAREIMA	02	8	32	1	1	6	2	13		17					46	0	dr.	1
'ATBARA	02	7	04	3	1	6	2	11		20					49	0	dr.	2
KHARTÛM	00	8	32	3	0	2	1	10		21					35	0	2	4
KASSALA	00	8	02	3	0	0	—	9		25					70	0	1	8
Central Sûdân																		
WAD MEDANI	01	7	02	4	1	4	1	8		24					54	0	15	12
RENK	00	8	28	2	0	0	—	9		23		—		—	50	—	—	49
ROSEIRES	00	8	28	1	0	0	—	7		23					63	0	21	36
EL OBEID	02	9	02	3	1	5	1	7		21					17	0	69	16
EL FÂSHER	02	8	32	2	1	6	2	—	—	17					32	0	4	6
GENEINA								—	—			—		—		—	—	4
KADUGLI	01	8	04	2	1	4	1	9		23					29	—	—	29
S. Sûdân																		
MALAKÂL	00	8	02	4	0	0	—	6		26					32	0	112	87
WÂU	00	8	00	0	0	0	—	8		20					73	0	159	142
JUBA	00	8	14	2	0	2	1	9		23					69	0	212	136

UPPER WINDS ON 15th — الرياح العليا يوم ١٥

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	12h 45m	h. m.	12h 45m	12h 30m	h. m.	h. m.	h. m.	12h 45m	h. m.	13h m.	13h m.	13h 15m	13h 15m
	03 20 05		03 27 05	03 29 05				09 04 20		09 04 20	09 05 25	09 04 20	09 05 05
	06 26 05		06 27 05	06 03 05				15 36 02		15 03 30	15 05 25	15 04 20	15 07 20
	09 22 05		09 27 02	09 04 10				21 26 10		21 02 30	21 06 30	21 06 25	21 06 20
	15 20 05		15 08 05	15 21 05				27 24 20		27 03 50	27 09 15	27 08 25	27 06 15
	21 16 10		21 25 05	21 25 10				33 25 15		33 03 25	33 08 15	33 11 20	33 07 20
	30 23 15			27 26 20				39 27 30		39 10 10	39 07 05		
	33 19 20			30 25 20									
				33 23 10									
				39 26 40									

UPPER WINDS ON 16th — الرياح العليا يوم ١٦

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	6h 45m	9h m.	8h 30m	7h m.	8h 30m	h. m.	7h m.	7h 15m	7h m.	8h 30m
			02 23 05	03 15 05	02 09 05	03 04 05		09 02 20	09 07 15	09 06 30	09 05 45
		06 11 15	05 24 05	06 25 05	05 36 10	06 03 05		15 29 15	15 25 05	15 34 10	15 03 35
		09 12 15	10 24 05	09 28 15	10 24 10	09 21 05		21 26 40	21 03 40	21 30 05	21 35 30
		15 15 20	15 25 20	15 36 20		12 32 02		29 26 45	27 29 40	33 28 05	27 34 15
		21 21 15	20 25 25	21 30 20		15 27 02		30 27 65	33 28 50	39 25 05	33 01 20
		27 23 35	25 23 20	24 30 15					39 27 50		
		30 24 30	30 24 30								
		36 24 40	40 27 50								
		39 24 50	43 28 50								

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7h m.	7h m.	7h 30m	7h m.	h. m.	7h m.
09 06 10	09 36 20	09 05 45	09 24 15		09 04 80
15 05 40	15 02 15	15 05 35	15 04 20		15 04 75
21 04 35	21 06 10	27 05 20	21 10 15		21 04 40
27 02 50	27 11 10	23 02 10	27 10 15		27 04 30
33 03 35	33 14 15	36 05 05	33 12 25		33 16 40
39 04 25	39 26 15				

UPPER AIR TEMP. ALMÂZA AT 6h. G.M.T. ON 16th.

HEIGHT (Feet)	P.P.P (m.b.)	TT (°F)	.. (°F)
Surface	1025	48	47
500	988	60	53
1000	969	59	52
1500	952	58	52
2000	935	56	50
4000	868	50	41
6000	805	46	37
8000	747	42	31
10000	691	34	24
12000	640	28	24
14000	591	21	19
16000	544	16	16

CYPRUS SYNOPTIC 8h. ON 16th.

~~34713 01962 06514 17140 96403 00110~~

~~34887 03960 13325 19090 85303 00220~~

Remarks

Hours are Egyptian standard time, long 30° E. and are two hours fast on Greenwich mean time

Mean of day

Station	Humidity % on 15th	Diff. from normal	Wet Bulb Temp. °C on 15th	Diff. from normal
Alexandria	71	+6	14.1	+0.9
Ezbekiya	57	-12	13.2	+1.5
Giza	69	-5	11.9	+0.6
Helwân	57	0	11.0	+0.2

GÎZA — GRASS MINIMUM TEMP. ON 16th. 2.4° C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON 16th. 16.0° C

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser					
Malakâl				12.92	+0.83
J. Aulia Res					
J. Aulia D S					
Roseires	16th	12.56	+0.69	13.59	+0.70
Sennar Res.				20.69	—
Khartûm				11.86	+0.22
Kh. el Girba					
'Atbara				11.38	+0.32
Kajnarti				135.09	+0.51
Aswân Res.		119.40	—	119.39	—
Aswân D.S		86.78	+0.59	86.90	+0.71
Roda (Cairo)		16.81	+0.83	16.81	+0.80

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	16th	1938	1539
	15th	2026	1620

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 .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 AMOUNT (N)

- Clear 0
- Trace 1
- 1 Tenth 2
- 2, 3 Tenths 3
- 4, 5, 6 Tenths 4
- 7, 8 Tenths 5
- 9 Tenths 6
- Over 9 Tenths 7
- Overcast 8
- Fog or Dust 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, 1945 (45/306)

ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise h. m. 06 24
Sunset h. m. 16 58

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month DECEMBER 1946 — شهر ديسمبر ١٩٤٦

At 14h. on MONDAY 16th — الساعة ١٤ يوم الاثنين ١٦

STATION	Present Weather (WW)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 8-14 h. mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	9	16	3	0	0	—	10.6	21.0	28	0	131
MARIUT	00	8	23	1	0	3	6/1	12	21	47	0	150
ALEXANDRIA	01	9	08	1	2	3	8	12.4	21.0	49	0	132
DAMIETTA	01	8	14	2	1	4	3	12.8	20.6	51	0	159
PORT SA'ÎD	02	8	30	2	1	5	2	13.0	18.3	66	0	134
EL 'ARÎSH	01	9	28	4	2	5	4	12.7	18.3	58	0	135
LOWER EGYPT												
DAMANHÛR	01	7	04	2	1	3	8	12.6	22.2	48	0	136
MANSÛRA	01	8	14	2	1	4	8	12.8	22.0	47	0	137
TANTA	01	8	28	1	1	4	1	12.3	19.6	52	0	138
ZAGAZIG	01	6	32	2	1	4	8	12.7	20.4	51	0	139
SHEBÎN EL KÔM	00	8	22	2	0	2	3	13.4	21.9	59	0	—
MIDDLE EGYPT												
CAIRO (ALMAZA)	01	7	27	1	1	4	1	12	20	46	0	141
EZBEKÎYA	02	7	20	1	1	5	1	12.0	19.9	48	0	—
GÎZA	03	8	22	1	2	8	2	13.0	22.0	45	0	—
HELWÂN	02	7	00	0	1	6	2	12.6	20.1	42	0	143
SUEZ	01	9	00	0	1	5	5	13.2	20.8	47	0	144
UPPER EGYPT												
FAIYÛM	02	8	26	1	2	6	2	12.6	21.0	47	0	153
MINYA	02	7	32	2	1	5	5	13.1	21.4	48	0	154
ASYÛT	01	7	22	1	1	5	5	13.1	20.0	43	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	12.8	20.5	47	0	164
QENA	02	7	24	2	1	5	3	12.0	19.3	47	0	156
LUXOR	01	7	04	2	2	4	3	12.6	21.0	47	0	157
ASWÂN	02	9	28	1	1	5	1	10.8	23.6	28	0	158
WESTERN DESERT												
SÎWA	00	8	00	0	0	0	—	12.0	21.6	31	0	148
BAHARÎYA	00	9	32	1	0	0	—	—	18.0	53	0	149
KHÂRGA	03	9	02	2	2	8	5	12.0	21.7	33	0	151
DAKHLA	02	7	24	1	2	5	4	13.7	31.5	12	0	152
RED SEA												
TÔR	00	7	28	3	0	0	—	12.2	22.2	61	0	145
HURGHADA	02	7	32	2	2	6	1	12.4	22.7	52	0	146
QUSEIR	02	8	02	2	2	6	2	12.4	21.6	62	0	147
PORT SUDÂN	01	9	00	3	1	3	4/4	9	29	79		160
NORTH SUDAN												
WÂDI HALFA	02	6	32	2	1	6	1	11	23	26		165
KAREIMA	02	6	00	0	1	8	2	9	30	40		166
'ATBARA	02	7	02	3	1	8	2	6	31	21		167
KHARTÛM	01	8	08	3	1	5	1	5	36	13		169
KASSALA	16	6	32	5	1	3	1	3	37	31		170
CENTRAL SUDAN												
WAD MEDANI	02	6	02	5	1	5	1	3	37	07		171
RENK	00	8	04	3	0	0	—	3	38	11		182
ROSEIRES	00	8	24	1	0	0	—	2	36	31		172
EL OBEID	02	9	04	3	1	7	2	4	33	14		174
EL FÂSHER	02	8	04	1	1	5	2	—	33	15		175
GENEINA	01	8	18	1	1	4	1	—	33	14		179
KADUGLI	01	8	04	3	1	4	1	3	37	11		187
S. SUDAN												
MALAKÂL	00	8	04	3	0	0	—	2	37	14		176
WÂU	00	8	32	2	0	3	1	3	36	17		177
JUBA	00	8	28	3	1	3	8	3	36	31		178

At 20h. on 16th — الساعة ٢٠ يوم الاثنين ١٦

STATION	Present Weather (WW)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 14-20 h. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	8	18	2	0	0	—	10.7	14.0	39	0
MARIUT	00	7	08	2	0	0	—	12	13	95	0
ALEXANDRIA	00	5	12	2	0	0	—	12.6	14.6	78	0
DAMIETTA	08	4	14	1	1	0	—	12.7	12.0	97	0
PORT SA'ÎD	01	6	30	2	1	3	2	12.6	14.4	93	0
EL 'ARÎSH	00	9	16	2	0	0	—	13.0	12.6	95	0
LOWER EGYPT											
DAMANHÛR	00	6	04	2	1	0	—	12.6	15.0	75	0
MANSÛRA	00	6	04	1	1	0	—	12.0	13.8	73	0
TANTA	00	8	00	0	1	0	—	12.7	14.2	76	0
ZAGAZIG	00	6	32	2	0	0	—	12.7	15.4	77	0
SHEBÎN EL KÔM	00	7	22	2	0	0	—	13.9	14.1	75	0
MIDDLE EGYPT											
CAIRO (ALMAZA)	00	7	00	0	0	0	—	13.0	14.2	62	0
EZBEKÎYA	05	5	00	0	0	4	1	13.5	14.6	58	0
GÎZA	05	6	00	0	0	0	—	13.6	12.0	83?	0
HELWÂN	02	6	00	0	2	7	4	13.2	15.9	54	0
SUEZ	00	9	00	0	0	0	—	13.4	17.6	59	0
UPPER EGYPT											
FAIYÛM	02	8	26	1	2	6	2	13.2	14.1	69	0
MINYA	01	7	32	1	1	4	5	14.0	15.0	65	0
ASYÛT	00	6	22	1	1	0	—	14.3	13.8	59	0
NAG' HAMÂDI	00	8	00	0	0	0	—	13.5	13.8	71	0
QENA	02	6	34	1	1	5	3	13.8	15.4	67	0
LUXOR	02	6	10	2	2	5	3	12.6	14.0	67	0
ASWÂN	00	9	32	1	0	0	—	12.4	19.4	44	0
WESTERN DESERT											
SÎWA	00	—	00	0	0	0	—	12.6	14.6	53	0
BAHARÎYA	00	—	00	0	0	0	—	—	12.0	76	0
KHÂRGA	01	9	00	0	1	4	5	12.3?	12.9	60	0
DAKHLA	02	5	28	1	2	5	4	15.2	12.0	52	0
RED SEA											
TÔR	00	7	28	2	0	0	—	13.3	17.3	44	0
HURGHADA	02	7	22	1	2	6	1	12.2	17.5	56	0
QUSEIR	02	8	32	2	2	8	5	13.4	20.7	66	0
PORT SUDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
MALAKÂL											
WÂU											
JUBA											

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 16th — الرياح العليا يوم ١٦

MATRÛH	MARIUT	PORT SAÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	12h. 30m.	12h. 30m.	13h. m.	13h. m.	13h. 15m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
	03 17 10	03 11 10	03 24 15	03 23 05	03 02 05								
	06 20 10	06 11 10	06 25 15	06 23 05	06 21 05								
	09 10 05	09 09 10	09 26 15	09 22 15	09 — —								
	15 23 05	12 09 05	12 27 05	12 29 20	12 20 15								
	21 21 20	15 19 05	15 28 10	15 30 20	15 44 05								
	24 23 25	18 22 05	18 26 10	18 26 15	18 30 20								
	30 25 25	21 21 10		21 23 15									
	39 24 55	24 21 30		24 24 30									
	43 22 45	27 22 20		27 22 30									

At 8h. on TUESDAY 17th — الساعة ٨ يوم الثلاثاء ١٧

STATION	Present Weather (WW)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Temperature Dry Bulb °C (TTT)	Maximum Yesterday °C (MM)	Maximum Diff. from norm. °C	Minimum Today °C (mm)	Minimum Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs. mms	Total from Oct. 1 mms	Norm. from Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				32
MATRÛH	00	9	18	3	0	0	—	10.7	-7.6	8.4			7	-4	46	0	30	56
MARIUT	00	8	21	3	0	0	—	11		12	21	—	9	—	71	0	62	53
ALEXANDRIA	00	8	20	5	0	0	—	11.2	-7.4	16.0	22	+2	11	-1	45	0	49	69
DAMIETTA	04	5	18	3	4	0	—	11.1	-6.9	10.0	22	—	8	—	86	0	3	31
PORT SA'ÎD	00	8	20	3	0	0	—	11.8	-5.7	14.2	22	+2	12	0	69	0	4	23
EL 'ARÎSH	00	9	16	1	0	0	—	12.6	-6.2	14.9	22	+1	7	-2	60	0	10	26
LOWER EGYPT																		
DAMANHÛR	00	6	24	4	0	0	—	11.4	-7.3	9.0	23	+1	8	-2	61	0	44	26
MANSÛRA	00	8	16	1	0	0	—	11.6	-7.0	9.0	23	+1	7	-2	84	0	5	13
TANTA	00	8	16	2	0	0	—	11.5	-7.6	10.6	21	-1	8	0	65	0	dt.	11
ZAGAZIG	00	6	16	2	0	0	—	11.6	-7.6	10.8	23	+2	9	+1	75	0	dt.	8
SHEBÎN EL KÔM	00	8	22	2	0	0	—	13.0	-6.1	9.3	23	—	8	—	62	0	dt.	—
MIDDLE EGYPT																		
CAIRO (ALMAZA)	00	7	20	2	0	0	—	12.8	-6.8	12.9	22	—	10	—	55	0	dt.	—
EZBEKÎYA	05	5	16	2	0	0	—	13.2	-5.9	11.8	21	0	10	0	65	0	dt.	6
GÎZA	00	7	16	1	0	0	—	13.5	-5.6	11.3	23	+2	6	-2	68	0	dt.	8
HELWÂN	05	6	14	2	0	0	—	13.9	-5.5	11.0	21	+1	10	0	62	0	dt.	6
SUEZ	00	9	00	0	0	0	—	14.3	-4.1	16.2	22	0	13	+2	75	0	dt.	7
UPPER EGYPT																		
FAIYÛM	00	8	18	2	0	0	—	14.0	-5.4	10.5	21	-1	7	-1	59	0	dt.	1
MINYA	01	7	12	2	1	3	1	14.6	-5.1	13.6	21	0	9	+1	56	0	dt.	—
ASYÛT	01	7	12	1	1	4	5	14.6	-5.2	11.7	23	+2	9	-1	56	0	0	3
NAG' HAMÂDI	00	8	00	0	0	0	—	14.8	-4.1	10.0	21	—	6	—	69	0	0	—
QENA	02	7	24	2	1	5	3	14.0	-4.7	12.3	20	-4	8	-1	66	0	0	—
LUXOR												—		—			0	—
ASWÂN	02	9	00	0	1	5	1	13.8	-4.6	14.8	24	-1	11	-1	32	0	0	—
WESTERN DESERT																		
SÎWA	00	9	00	0	0	0	—	13.5	-6.8	6.8	23	+1	2	-3	66	0	0	3
BAHARÎYA	00	9	00	0	0	0	—			13.2	19	-2	9?	+3	75	0	0	3
KHÂRGA	01	9	28	1	1	4	5	11	-4.4	8.4	22	-2	7	-1	55	0	0	—
DÂKHLA	01	7	28	1	1	3	1	15.2	-4.9	8.5	22	-1	5	-2	66	0	0	—
RED SEA																		
TÔR	00	9	04	3	0	0	—	11.9	-5.7	10.6	—	—	7	-3	46	0	0	5
HURGHÂDA	08	6	24	2	1	7	1	12.4	-5.3	14.7	23	-1	12	0	69	0	0	3
QUSEIR	02	8	30	2	2	5	5	12.0	-5.5	17.3	23	-1	16	0	91	0	0	4
PORT SÛDÂN	01	9	28	3	1	4	6	11		26					79	0	138	72
NORTH SUDAN																		
WÂDI HALFA	01	8	30	2	1	4	4/1	14		13					28	0	dt.	—
KAREIMA	01	7	00	0	1	5	4/1	12		19					40	0	dt.	1
'ATBARA	02	7	32	3	1	5	2	11		21					47	0	dt.	2
KHARTÛM	02	8	32	3	0	5	2	10		22					41	0	2	4
KASSALA	—	—	—	—	—	—	—	—		—					—	0	1	8
CENTRAL SUDAN																		
WAD MEDANI	02	8	04	3	1	7	1	9		23					44	0	15	12
RENK	00	8	28	2	0	0	—	8		24		—		—	38	—	—	49
ROSEIRES	00	8	32	1	0	0	—	8		23					47	0	21	36
EL OBEID	00	9	02	2	0	2		0		23					30	0	69	16
EL FÂSHER	02	8	00	0	1	5	2	—	—	23					39	0	4	6
GENEINA	01	8	06	2	1	4	2	—	—	21		—		—	47	—	—	4
KADUGLI	00	8	28	3	0	1	1	9		24		—		—	29	—	—	89
S. SUDAN																		
MALAKÂL	00	6	32	3	0	1	4	8		24					32	0	112	88
WÂU	02	8	08	1	1	5	4	8		20					49	0	159	142
JUBA	02	8	04	4	1	5	1	7		24					38	0	212	136

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 17th — الرياح العليا يوم ١٧

MATRÛH	MARIUT	PORT SAÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	7h. m.	h. m.	7h. 45m.	h. m.	7h. m.	h. m.	7h. m.	7h. 15m.	7h. 15m.	7h. 15m.	7h. 30m.
	03 24 20		02 19 15		02 00 00		02 36 15	09 03 10	09 10 15	09 08 25	09 08 30
	06 26 35		05 33 15		05 28 10		05 01 20	15 33 24	15 36 15	15 06 45	15 09 34
	09 24 55		08 36 35		10 31 25		10 30 10	21 37 50	21 34 30	21 30 05	21 01 30
	12 22 50		10 35 40		15 29 15		15 30 34	27 36 65	27 29 44	27 25 45	24 34 35
	15 22 55		15 33 50		20 25 40		20 25 44	39 26 —	39 31 05	39 29 15	27 31 10
			16 33 50				25 33 40				

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	7h. m.	7h. m.	7h. m.	7h. 15m.	7h. m.
	09 26 15	09 00 35	09 05 50	09 06 20	09 02 40
	15 06 20	15 03 35	15 07 50	15 10 10	15 03 50
	21 08 35	21 03 35	21 09 40	21 13 10	21 00 50
	27 06 15	27 05 20	27 07 35	27 15 05	27 02 20
		27 07 30	27 02 20	27 14 20	33 35 20
		35 08 30			

UPPER AIR TEMP. ALMÂZA AT G.M.T. ON 17th

HEIGHT FEET	P.P.P. m.b.	T.T. °C	T.T. °C
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h. ON 17th.

[illegible]

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	17th	1853	1458
	16th	1938	1539

STATION	Mean of day Humidity % on 16th	Humidity Diff. from normal	Wet Bulb Temp. °C on 16th	Wet Bulb Temp. Diff. from normal
Alexandria	71	+6	13.5	+0.4
Ezbekiya	54	-15	11.6	0.0
Giza	50?	+6	12.1	+0.8
Helwân	56	-1	11.2	+0.5

GÎZA — GRASS MINIMUM TEMP. ON 17th 3.6° C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 17th 16.1° C

GAUGE	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	17th			13.06	-0.41
Nâsser				10.71	+1.62
Malakâl		12.92	+0.86	12.92	+0.85
J. Aulia Res.				377.05	—
J. Aulia D.S				372.61	+0.32
Roseires		13.53	+0.69	13.56	+0.69
Sennar Res.				20.69	—
Khartûm				11.86	+0.24
Kh. el Girba					
'Atbara		11.34	+0.31		
Kajnarti		135.06	+0.50		
Aswân Res.		119.43	—	119.40	—
Aswân D.S		86.68	+0.49	86.78	+0.59
Roda (Cairo)		16.81	+0.08	16.81	+0.03

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	27-36	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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

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ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise 6 h. 43 m.
Sunset 16 h. 58 m.

MINISTRY OF PUBLIC WORKS
PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month December 1946 — شهر ديسمبر ١٩٤٦

1417 F.C.

At 14h. on Tuesday 17th — الساعة ١٤ يوم الثلاثاء ١٧

STATION	PRESENT WEATHER (WW)	VISIBILITY (V)	WIND Dir. (DD)	WIND Force (F)	PAST WEATHER (W)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESS M.S.L. 1000+ mbs. (PPP)	TEMP. °C (TTT)	% HUMIDITY (UU)	RAIN 8-14 mms	STATION NUMBER
MEDITERRANEAN: SALÛM												130
MATRÛH	03	9	18	3	3	8	8	8.6	17.8	27	0	131
MARIUT	05	6	21	4	0	0	—	10	18	37	0	150
ALEXANDRIA	00	8	22	4	0	0	—	10.4	17.0	34	0	132
DAMIETTA	00	7	20	4	0	0	—	10.6	18.5	33	0	159
PORT SA'ÎD	00	7	20	4	0	0	—	11.1	17.7	38	0	134
EL 'ARÎSH	00	9	28	3	0	0	—	11.2	20.5	51	0	135
LOWER EGYPT: DAMANHÛR	00	7	30	5	0	0	—	11.0	18.3	35	0	136
MANSÛRA	00	8	30	2	0	0	—	11.2	19.0	36	0	137
TANTA	00	8	20	2	0	0	—	11.0	17.4	35	0	138
ZAGAZIG	00	6	24	3	0	0	—	11.4	18.0	36	0	139
SHEBÎN EL KÔM	00	7	22	4	0	0	—	11.9	19.8	27	0	—
MIDDLE EGYPT, CAIRO: ALMAZA	00	7	23	3	0	0	—	11.4	19.4	25	0	141
EZBEKÎYA	05	7	24	3	0	0	—	12.2	19.2	23	0	—
GÎZA	05	7	22	3	0	0	—	12.0	20.7	24	0	—
HELWÂN	00	7	20	2	0	0	—	12.2	18.8	23	0	143
SUEZ	00	9	30	1	0	0	—	11.9	24.4	32	0	144
UPPER EGYPT: FAIYÛM	00	8	18	2	0	0	—	12.6	20.0	24	0	153
MINYA	00	9	28	2	0	0	—	12.7	22.0	14	0	154
ASYÛT	00	7	30	1	0	0	—	13.6	20.0	24	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	13.2	22.0	37	0	164
QENA	01	8	24	1	1	4	1	12.2	20.6	39	0	156
LUXOR	01	7	26	2	1	3	3	13.4	22.0	26	0	157
ASWÂN	02	9	32	1	1	5	1	11.8	23.0	38	0	158
WESTERN DESERT: SÎWA	00	8	20	5	0	0	—	12.6	18.8	56	0	148
BAHARÎYA	00	9	31	1	0	0	—	13.8	16.0	50	0	149
KHÂRGA	00	9	04	2	0	2	5	12.4	22.2	23	0	151
DAKHLA	00	8	28	2	0	0	—	14.2	21.0	41	0	152
RED SEA: TÛR	00	7	28	3	0	0	—	11.8	[illegible]	53	0	145
HURGHADA	01	8	04	3	1	4	1	10.8	22.4	47	0	146
QUSEIR	03	8	30	2	2	8	5	11.2	25.0	40	0	147
PORT SÛDÂN	02	9	08	4	1	7	8,2	8	29	70		168
NORTH SÛDÂN: WÂDI HALFA	02	8	02	2	1	6	4,2	11	24	18		165
KAREIMA												166
'ATBARA	02	7	02	2	1	8	2	5	—	—		167
KHARTÛM	02	8	10	2	2	5	2	5	36	15		169
KASSALA	02	8	02	2	1	5	2	3	37	11		170
CENTRAL SÛDÂN: WAD MEDANI												171
RENK	00	8	28	3	0	0	—	3	37	20		182
ROSEIRES												172
EL OBEID	01	9	06	3	0	4	2	5	36	12		174
EL FASHER	02	8	10	3	1	6	2	—	33	17		175
GENEINA	02	8	12	1	1	7	1	—	34	22		179
KADUGLI	01	8	04	3	1	4	1	3	37	13		187
S. SÛDÂN: MALAKÂL	00	8	02	4	0	0	—	3	37	16		176
WÂU	01	8	32	3	1	4	2	3	36	13		177
JUBA	02	8	32	3	1	5	0,4	3	36	27		178

At 20h. on 17th — الساعة ٢٠ يوم الثلاثاء ١٧

STATION	PRESENT WEATHER (WW)	VISIBILITY (V)	WIND Dir. (DD)	WIND Force (F)	PAST WEATHER (W)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESS M.S.L. 1000+ mbs. (PPP)	TEMP. °C (TTT)	% HUMIDITY (UU)	RAIN 14-20 mms
MEDITERRANEAN: SALÛM											
MATRÛH	00	8	00	0	0	0	—	8.3	15.3	46	0
MARIUT	05	6	20	2	0	0	—	10	12	59	0
ALEXANDRIA	00	5	20	4	0	0	—	10.4	12.0	74	0
DAMIETTA	00	6	14	1	0	0	—	11.2	9.5	81	0
PORT SA'ÎD	00	8	20	2	0	0	—	11.9	13.4	59	0
EL 'ARÎSH	00	9	20	3	0	0	—	12.2	12.6	55	0
LOWER EGYPT: DAMANHÛR	00	6	24	3	0	0	—	11.4	13.8	52	0
MANSÛRA	00	6	04	1	0	0	—	11.8	16.0	64	0
TANTA	00	8	24	1	0	0	—	11.4	12.5	43	0
ZAGAZIG	00	6	24	2	0	0	—	11.1	13.0	55	0
SHEBÎN EL KÔM	00	7	22	2	0	0	—	12.6	11.8	55	0
MIDDLE EGYPT, CAIRO: ALMAZA	00	7	20	2	0	0	—	12.4	14.0	38	0
EZBEKÎYA	00	6	16	1	0	0	—	13.4	14.2	44	0
GÎZA	00	8	00	0	0	0	—	13.2	10.6	55	0
HELWÂN	00	6	14	4	0	0	—	13.0	13.8	29	0
SUEZ	00	9	—	—	0	0	—	14.0	19.7	37	0
UPPER EGYPT: FAIYÛM	00	8	00	0	0	0	—	13.1	12.8	39	0
MINYA	00	8	30	1	0	0	—	14.2	11.4	34	0
ASYÛT	00	6	22	1	0	0	—	14.7	11.6	69	0
NAG' HAMÂDI	00	8	00	0	0	0	—	13.5	11.7	74	0
QENA	01	6	12	2	1	4	1	13.8	14.4	57	0
LUXOR	00	6	22	2	0	0	—	13.9	13.5	57	0
ASWÂN	00	9	00	0	0	0	—	13.4	19.0	30	0
WESTERN DESERT: SÎWA	00	9	00	0	0	0	—	12.8	15.5	45	0
BAHARÎYA	00	9	00	0	0	0	—	15.5	12.0	76	0
KHÂRGA	00	9	00	0	0	3	2	13.6	12.4	61	0
DAKHLA	00	6	28	1	0	0	—	15.2	12.5	52	0
RED SEA: TÛR	00	7	28	3	0	0	—	11.1	17.5	37	0
HURGHADA	00	8	16	2	0	0	—	12.3	15.8	56	0
QUSEIR	00	8	30	2	2	3	5	12.0	24.2	31	0
PORT SÛDÂN											
NORTH SÛDÂN: WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN: WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FASHER											
GENEINA											
KADUGLI											
S. SÛDÂN: MALAKÂL											
WÂU											
JUBA											

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

UPPER WINDS ON 17th — الرياح العليا يوم

MATRÛH	MARIUT	PORT SA'ID	ALMAZA	MINYA	LUXOR	HURGHADA	WADI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
	12 45		13	12 30	12 30				13				
03 25 20			03 24 20	03 28 15	03 05 05				09 10 15				
06 25 30			06 25 35	06 28 20	06 32 10				15 07 20				
09 26 40			09 23 55	09 36 30	09 33 15				21 04 30				
			15 24 40	15 26 50	15 32 10				27 03 20				
			21 24 65	21 25 80					33 02 20				
				27 24 95									

UPPER WINDS ON 18th — الرياح العليا يوم

MATRÛH	MARIUT	PORT SA'ID	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WADI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	9 h. 15 m.	h. m.	7 h. m.	h. m.	7 h. m.	9 h. 15 m.	7 h. 15 m.	9 h. m.	6 h. 30 m.
			02 18 15		02 28 10		02 01 15	09 04 50	09 35 15	09 04 20	09 04 45
			05 23 15		05 30 35		05 35 35	15 34 35	15 30 10	15 04 30	15 03 20
			08 26 35		10 31 20		10 33 25	21 31 30	21 27 40	21 03 25	21 04 15
			10 26 25				15 30 15	27 28 40	24 26 30	27 03 25	27 01 15
							20 32 70	33 25 45			33 02 20
								39 22 50			39 36 20

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. 30 m.
09 41 30	09 15 20	09 04 30	09 32 05	09 05 25	09 04 65
15 34 30	15 15 35	15 05 30	15 05 30	15 08 30	15 07 60
21 29 40	21 28 10	21 09 30	21 11 15	21 09 25	18 01 30
27 27 60	27 30 20	27 08 30	27 10 10	27 10 20	21 07 30
	33 29 10	33 05 35	33 12 05	33 08 20	
		39 04 30	39 09 05	38 06 15	

UPPER AIR TEMP. ALMÁZA AT G.M.T. ON

HEIGHT FEET	P.P.P. m.b.	T.T. °F	T.T. °F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

Remarks

Hours are Egyptian standard time, long 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day: HUMIDITY % on 17th	HUMIDITY Diff from normal	WET BULB TEMP °C on 17th	WET BULB TEMP Diff from normal
Alexandria	34	-31	—	—
Ezbekiya	47	-22	9.3	-2.3
Giza	55	-19	9.0	-2.2
Helwân	41	-16	8.2	-2.4

GÎZA — GRASS MINIMUM TEMP. ON 18th 5.0° C

CAIRO — WATER TEMP AT 9h. RIVER NILE ON 18th 15.9 C

GAUGE	Date 1946	Reading	Diff from normal	Previous day Reading	Previous day Diff from normal
		m.	m.	m.	m.
Jûba	12			13.06	-0.41
Nâsser				10.70	+1.69
Malakâl		12.92	+0.87	12.92	+0.86
J. Aulia Res.				377.13	—
J. Aulia D.S.				272.60	+0.32
Roseires		13.49	+0.68	13.53	+0.69
Sennar Res.				20.70	—
Khartûm				11.84	+0.24
Kh. el Girba					
'Atbara	10	11.33	+0.31	11.34	+0.31
Kajnarti				135.06	+0.50
Aswân Res.		119.45	—	119.43	—
Aswân D.S.		86.58	+0.39	86.68	+0.49
Roda (Cairo)		16.76	+0.88	16.81	+0.88

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	18-12	1759	1447
	17-12	1855	1458

At 8h. on Wednesday 18th — الساعة ٨ يوم الأربعاء ١٨

STATION	PRESENT WEATHER (WW)	VISIBILITY (V)	WIND Dir. (DD)	WIND Force (F)	PAST WEATHER (W)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESSURE M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C (TTT)	MAXIMUM Yesterday °C (MM)	MAXIMUM Diff. from norm. °C	MINIMUM Today °C (mm)	MINIMUM Diff. from norm. °C	% HUMIDITY (UU)	RAINFALL Past 24 hrs mms	RAINFALL Total From Oct. 1 mms	RAINFALL Norm. From Oct. 1 mms
MEDITERRANEAN: SALÛM													—	—				32
MATRÛH	01	9	30	4	0	4	8	14.3	-4.1	17.4	—	—	8	-2	56	0	30	57
MARIUT	01	7	20	1	2	5	8	12	—	13	18	—	10	—	88	0	64	54
ALEXANDRIA	02	8	26	4	1	5	9	12.6	-6.0	16.9	17	-3	10	-2	68	0	49	71
DAMIETTA	03	6	20	3	2	7	7	12.2	-5.8	10.0	19	—	7	—	63	0	3	32
PORT SA'ÎD	00	8	18	3	0	3	2	12.7	-4.9	12.2	18	-2	11	-1	55	0	4	23
EL 'ARÎSH	00	9	16	3	0	0	—	13.1	-5.7	14.9	23	+2	7	-2	51	0	10	26
LOWER EGYPT: DAMANHÛR	01	6	24	3	1	3	8	12.4	-6.3	10.8	19	-2	8	-1	68	0	44	27
MANSÛRA	01	8	02	2	1	4	6	13.5	-5.1	9.5	20	-1	6	-3	67	0	5	13
TANTA	00	8	20	1	0	0	—	13.1	-6.0	9.8	19	-3	7	-1	70	0	tr	11
ZAGAZIG	02	6	20	3	2	6	8	13.8	-5.4	10.2	22	+1	9	+1	75	0	tr	8
SHEBÎN EL KÔM	00	7	22	1	0	0	—	13.9	-5.8	9.9	21	—	8	—	74	0	tr	—
MIDDLE EGYPT, CAIRO: ALMAZA	02	7	18	2	1	7	8	14.1	-5.1	10.5	20	—	9	—	50	0	tr	—
EZBEKÎYA	18	5	18	5	2	6	6	15.1	-4.1	10.8	20	-1	9	-1	52	0	tr	6
GÎZA	03	7	10	2	2	8	6	15.1	-4.1	8.9	21	0	9	+1	53	0	tr	8
HELWÂN	05	5	16	3	2	8	6	15.1	-4.3	8.7	19	-1	8	-2	45	0	tr	6
SUEZ	01	9	18	1	1	5	5	14.8	-3.7	15.6	25	+3	9	-2	40	0	tr	7
UPPER EGYPT: FAIYÛM	01	8	22	1	1	3	6	15.4	-4.0	10.2	20	-2	7	-1	54	0	tr	1
MINYA	00	8	16	2	0	0	—	17.0	-2.7	11.9	23	+2	8	0	30	0	tr	—
ASYÛT	00	6	00	0	0	0	—	17.2	-2.6	10.5	21	0	5	-2	57	0	0	3
NAG' HAMÂDI	00	8	00	0	0	0	—	17.4	-1.6	12.0	23	—	4	—	43	0	0	—
QENA	01	7	24	2	1	3	1	17.1	-1.6	15.4	21	-3	7	-2	60	0	0	—
LUXOR	00	7	20	1	0	0	—	18.0	-0.8	16.0	23	-2	5	-2	36	0	0	—
ASWÂN	00	9	00	0	0	0	—	17.1	-1.6	13.6	23	-2	9	-3	50	0	0	—
WESTERN DESERT: SÎWA	00	7	00	0	0	0	—	18.0	-2.3	10.0	19	-2	5	0	87	0	0	3
BAHARÎYA	00	9	00	0	0	0	—			13.3	18	-3	—	—	74	0	0	3
KHÂRGA	00	9	00	0	0	3	2	17.6	-1.4	9.0	22	-2	5	-3	47	0	0	—
DAKHLA	00	7	04	1	0	0	—	18.7	-1.5	7.0	21	-2	4	-2	62	0	0	—
RED SEA: TÛR	00	7	04	2	0	0	—	13.7	-3.8	9.7	23	0	7	-3	40	0	0	5
HURGHADA	01	7	26	3	1	4	1	14.4	-3.3	13.6	24	+1	11	-1	48	0	0	3
QUSEIR	02	8	28	4	2	6	5	13.8	-3.7	16.9	25	+1	16	0	49	0	0	4
PORT SÛDÂN	01	8	16	1	1	3	4	12		23					65	0	138	73
NORTH SÛDÂN: WÂDI HALFA	00	9	02	1	0	0	—	17		11					51	0	tr	—
KAREIMA	02	8	04	2	1	5	1	13		18					46	0	tr	1
'ATBARA	02	7	02	2	1	8	2	11		25					36	0	tr	2
KHARTÛM	02	8	32	2	1	7	2	12		22					31	0	2	4
KASSALA	02	7	00	0	0	5	2	9		22					69	0	1	8
CENTRAL SÛDÂN: WAD MEDANI																0	15	12
RENK													—	—		—	—	49
ROSEIRES	00	8	32	1	0	0	—	9		20					49	0	21	36
EL OBEID	02	9	30	1	1	8	2	11		20					30	0	69	16
EL FÂSHER	02	8	00	0	1	7	2	—	—	17					46	0	4	6
GENEINA	02	8	06	2	1	8	2	—	—	17	—	—	—	—	28	—	—	4
KADUGLI	02	8	28	3	1	5	2	10		24	—	—	—	—	26	—	—	89
S. SÛDÂN: MALAKÂL	02	8	32	3	0	5	2	8		22					36	0	112	88
WÂU	00	8	00	0	0	3	1	9		21					61	0	159	142
JUBA	05	7	14	3	0	2	1	8		24					61	0	212	137

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

UPPER WINDS ON 18th — الرياح العليا يوم

MATRÛH	MARIUT	PORT SA'ID	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WADI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	9 h. 15 m.	h. m.	7 h. m.	h. m.	7 h. m.	9 h. 15 m.	7 h. 15 m.	9 h. m.	6 h. 30 m.
			02 18 15		02 28 10		02 01 15	09 04 50	09 35 15	09 04 20	09 04 45
			05 23 15		05 30 35		05 35 35	15 34 35	15 30 10	15 04 30	15 03 20
			08 26 35		10 31 20		10 33 25	21 31 30	21 27 40	21 03 25	21 04 15
			10 26 25				15 30 15	27 28 40	24 26 30	27 03 25	27 01 15
							20 32 70	33 25 45			33 02 20
								39 22 50			39 36 20

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. 30 m.
09 41 30	09 15 20	09 04 30	09 32 05	09 05 25	09 04 65
15 34 30	15 15 35	15 05 30	15 05 30	15 08 30	15 07 60
21 29 40	21 28 10	21 09 30	21 11 15	21 09 25	18 01 30
27 27 60	27 30 20	27 08 30	27 10 10	27 10 20	21 07 30
	33 29 10	33 05 35	33 12 05	33 08 20	
		39 04 30	39 09 05	38 06 15	

CYPRUS SYNOPTIC 8h. ON 18th

34740	00862	28262	08100	70403	12081
34836	01863	24234	09100	83104	02081

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	
Very light	7-12	2
Light	18-18	3
Moderate	19-28	4
Fresh	29-36	5
Strong	36-44	6
Very strong	44-54	7
Gale	54-65	8
Strong gale	65-77	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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

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ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise 06 h. 45 m.
Sunset 16 h. 58 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month DECEMBER 1946 — شهر ديسمبر ١٩٤٦

At 14h. on WEDNESDAY 18th — الساعة ١٤ يوم ١٨ / At 20h. on 18th — الساعة ٢٠ يوم الأربعاء ١٨

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20 mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	30	4	0	3	8	15.2	18.0	55	0	01	8	30	3	0	4	8	17.2	17.3	58	0	131
MARIUT	20	8	28	4	5	4	6,8	13	18	68	dr.	00	7	28	4	0	2	6	16	16	68	0	150
ALEXANDRIA	01	8	28	6	5	4	9	13.8	18.0	65	2	01	5	28	7	2	3	4	16.6	16.0	59	0	132
DAMIETTA	01	8	26	4	2	4	9	11.8	18.6	59	0	01	7	24	4	1	4	9	13.9	15.0	66	0	159
PORT SA'ÎD	01	7	20	5	1	4	8	12.2	17.3	61	0	01	8	20	6	1	3	8	14.6	14.3	77	0	134
EL 'ARÎSH	18	6	20	6	1	4	4	12.3	18.8	62	0	50	7	20	8	5	5	9	10.0	14.7	94	dr.	135
LOWER EGYPT																							
DAMANHÛR	61	3	28	3	6	8	7	13.8	16.3	73	3	01	6	28	3	5	4	8	17.0	13.3	86	3	136
MANSÛRA	01	7	04	2	1	4	9	12.4	19.0	63	0	00	6	28	2	1	0	—	15.4	12.8	80	0	137
TANTA	01	8	20	1	6	4	9	13.5	17.7	73	dr.	00	8	00	0	5	0	—	15.0	12.0	93	3	138
ZAGAZIG	02	6	24	2	5	6	8	13.4	16.8	74	dr.	00	6	00	0	5	0	—	16.0	12.5	99	dr.	139
SHEBÎN EL KÔM	01	8	26	2	1	4	8	13.6	20.1	56	0	00	7	22	1	5	0	—	16.2	14.2	69	dr.	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	02	7	17	3	1	5	6	13.8	16.6	66	dr.	01	7	00	0	6	4	6	16.3	13.8	87	tr.	141
CAIRO EZBEKÎYA	52	6	14	2	5	8	9	14.7	15.2	69	dr.	01	6	00	0	5	4	8	17.4	13.8	78	dr.	—
CAIRO GÎZA	50	7	10	1	5	8	7	14.7	16.2	67	tr.	09	7	00	0	5	2	8	17.0	11.3	96	tr.	—
HELWÂN	13	6	18	1	2	8	7	14.2	16.0	56	0	09	5	00	0	6	4	9	16.6	13.0	86	tr.	143
SUEZ	01	9	00	0	1	5	5	14.2	20.5	25	0	00	9	30	1	0	0	—	16.3	17.3	42	dr.	144
UPPER EGYPT																							
FAIYÛM	02	8	22	1	2	6	2	14.3	19.7	52	0	00	6	00	0	0	0	—	16.4	14.0	77	0	153
MINYA	02	8	32	2	2	5	8	13.8?	20.7	36	0	00	8	32	1	1	0	—	16.3	13.9	58	0	154
ASYÛT	00	7	22	1	0	0	—	15.1	18.5	42	0	00	6	20	1	0	0	—	17.4	12.6	70	0	155
NAG HAMÂDI	00	8	00	0	0	0	—	15.1	19.4	42	0	00	8	00	0	0	0	—	17.2	12.0	71	0	164
QENA	00	8	22	2	1	0	—	13.8	19.0	41	0	00	6	22	2	0	0	—	15.0	13.6	56	0	156
LUXOR	00	7	22	3	0	0	—	16.9	20.5	38	0	00	6	26	2	0	0	—	16.3	14.0	57	0	157
ASWÂN	00	9	28	3	0	0	—	14.3	21.2	21	0	00	9	00	0	0	0	—	16.6	19.0	50	0	158
WESTERN DESERT																							
SÎWA	02	8	24	2	1	6	5	17.9	20.6	59	0	00	—	20	1	0	0	—	17.9	12.5	72	0	148
BAHARÎYA												00	8	00	0	0	0	—	19.4	12.0	76	0	149
KHÂRGA	00	9	28	2	0	0	—	14.2	20.0	36	0	00	9	22	1	0	0	—	17.0	10.8	62	0	151
DAKHLA	00	8	28	2	0	0	—	16.3	18.5	50	0	00	6	28	1	0	0	—	18.3	10.0	60	0	152
RED SEA																							
TÔR	00	7	28	3	0	0	—	13.5	20.1	40	0	00	7	28	3	0	0	—	15.0	18.8	41	0	145
HURGHÂDA	00	8	32	3	0	0	—	11.9?	21.5	44	0	00	8	28	5	0	0	—	14.6	16.9	61	0	146
QUSEIR	00	8	24	4	1	0	—	12.7	23.2	38	0	00	8	28	2	0	0	—	13.5	11.6	48	0	147
PORT SUDÂN	01	9	08	3	1	3	2,1	9	29	49													208
NORTH SÛDÂN																							
WÂDI HALFA	00	7	02	4	0	0	—	14	23	11													165
KAREIMA																							166
'ATBARA	02	7	04	4	1	8	2	8	30	22													167
KHARTÛM	01	8	32	4	2	4	1	7	33	23													209
KASSALA	02	8	30	2	1	8	2	4	36	22													170
CENTRAL SÛDÂN																							
WAD MEDANI																							171
RENK	01	8	28	3	0	4	1	4	36	19													182
ROSEIRES	00	8	32	1	1	0	—		37	17													172
EL OBEID	02	9	32	3	1	8	4,2	6	32	20													174
EL FASHER	02	8	32	1	1	5	2	—	33	23													175
GENEINA																							179
KADUGLI	02	8	04	4	1	6	2		37	10													187
S. SÛDÂN																							
MALAKAL	02	8	02	4	1	6	2	4	36	15													176
WAU	01	8	32	1	1	4	2	3	36	19													177
JUBA	02	8	32	2	1	8	2,2	2	37	20													178

UPPER WINDS ON 18th — الرياح العليا يوم ١٨

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA 13h.	KAREIMA	KHARTÛM 13h.	KASSALA 13h.	EL OBEID 13h.	MALAKAL 13h.	JUBA 13h.
							09 36 30		09 01 15	09 36 05	09 06 20	09 03 20	09 01 15
							15 30 30		15 35 05	15 03 15	15 09 20	15 03 25	15 03 15
							21 28 30		21 35 15	21 05 20	21 09 15	21 03 25	21 06 30
									27 35 25	27 05 20	27 07 10	27 03 20	27 08 20
									33 35 25	33 05 15	33 05 10	33 03 20	33 09 20
									39 02 10		39 25 10	39 06 20	39 05 35

Remarks

Hours are Egyptian standard time, long 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day Humidity % on 18th	Diff from normal	Wet bulb temp °C on 18th	Diff from normal
Alexandria	58	-7	13.4	+0.4
Ezbekiya	58	-11	10.3	-1.2
Gîza	67	-7	9.7	-1.4
Helwân	61	+4	9.3	-1.2

GÎZA — GRASS MINIMUM TEMP on 19th 5.4° C

CAIRO — WATER TEMP RIVER NILE AT 8h. on 19th 16.0° C

Discharges at Aswân measured by sluices m³ per sec. Date	1946	1945
19th	1678	1447
18th	1759	1447

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	19th	13.04	-0.43	13.05	-0.42
Nâsser		10.67	+1.84	10.68	+1.92
Malakâl		12.92	+0.90	12.92	+0.87
J. Aulia Res.		377.06	—	377.10	—
J. Aulia D.S		372.59	+0.32	372.59	+0.32
Roseires		13.46	+0.68	13.49	+0.68
Sennar Res.		20.69	—	20.69	—
Khartûm		11.76	+0.20	11.81	+0.23
Kh. el Girba					
'Atbara		11.30	+0.29	11.33	+0.31
Kajnarti		135.10	+0.57	135.10	+0.55
Aswân Res.		119.51	—	119.46	—
Aswân D.S		86.45	+0.26	86.50	+0.39
Roda (Cairo)		[illegible]	[illegible]	[illegible]	+0.88

Printed by the Survey of Egypt, 1945 (43/306)

At 8h. on THURSDAY 19th — الساعة ٨ يوم الخميس ١٩

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct 1 mms
MEDITERRANEAN																		
SALÛM												—		—				33
MATRÛH	03	9	18	1	0	8	5	17.9	-0.5	12.7	19	-1	11	+1	71	0	30	58
MARIUT	02	7	30	2	1	6	6,8	18		16	19	—	15	—	68	dr.	64	55
ALEXANDRIA	02	8	30	4	6	7	9	17.8	-0.9	15.9	20	0	14	+2	66	5	54	73
DAMIETTA	21	7	20	2	5	8	9	16.2	-1.8	12.7	20	—	10	—	81	dr.	3	32
PORT SA'ÎD	02	7	22	4	2	5	9	16.4	-1.2	12.9	19	-1	12	0	80	0	4	24
EL 'ARÎSH	01	9	20	5	6	5	4	16.0	-2.8	13.9	20	0	11	+2	76	3	13	29
LOWER EGYPT																		
DAMANHÛR	03	5	28	2	5	8	5	17.6	-1.1	12.2	20	-1	10	+1	90	6	50	27
MANSÛRA	02	8	20	1	2	5	6	17.4	-1.2	11.2	20	-1	9	0	92	0	5	14
TANTA	03	6	00	0	2	8	7	17.4	-1.7	12.3	20	-1	8	0	96	3	3	11
ZAGAZIG	02	6	20	2	2	6	8	18.0	-1.2	10.9	18	-3	10	+2	97	dr.	dr.	8
SHEBÎN EL KÔM	02	7	22	1	1	5	6	18.3	-0.9	12.2	21	—	9	—	86	dr.	dr.	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	18	1	0	5	6	18.3	-0.9	12.0	17	—	10	—	86	tr.	1	—
CAIRO EZBEKÎYA	09	5	16	1	4	7	6	18.7	-0.5	11.8	17	-4	10	0	91	dr.	dr.	7
CAIRO GÎZA	09	5	18	1	2	8	2	19.0	-0.2	12.2	19	-1	9	+2	87	1	1	8
HELWÂN	02	7	12	1	2	6	6	19.4	-0.1	10.4	18	-2	9	-1	92	tr.	1	6
SUEZ	01	9	02	1	1	5	5	19.1	+0.6	13.7	21	-1	11	0	80	dr.	dr.	7
UPPER EGYPT																		
FAIYÛM	01	8	00	0	1	3	6	19.5	+0.1	13.1	21	-1	8	0	74	0	dr.	1
MINYA	00	9	30	1	0	0	—	18.7	-1.0	12.6	21	0	7	-1	66	0	dr.	—
ASYÛT	00	7	20	1	0	0	—	19.2	-0.7	11.3	20	-1	8	+1	78	0	0	3
NAG HAMÂDI	00	8	00	0	0	0	—	19.1	0.0	12.0	20	—	5	—	65	0	0	—
QENA	09	7?	24	2	0	0	—	18.7	-0.1	11.4	20	-4	6	-2	76	0	0	—
LUXOR	00	7	24	1	0	0	—	18.8	-0.1	15.0	22	-3	5	-3	49	0	0	—
ASWÂN	00	9	32	1	0	0	—	17.9	-0.9	12.4	22	-3	9	-3	64	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	19.9	-0.5	8.0	21	0	4	-1	83	0	0	3
BAHARÎYA	01	9	00	0	1	3	—	20.7	+0.5	13.1?	18	-3	9	+3	96	0	0	3
KHÂRGA	00	9	00	0	0	0	—	18.8	-0.4	8.9	21	-3	5	-3	92	0	0	—
DÂKHLA	01	6	12	1	1	5	4	17.9	-0.3	8.5	20	-3	4	-2	90	0	0	—
RED SEA																		
TÔR	00	9	04	2	0	0	—	15.4	-2.3	14.2	22	0	7	-3	51	0	0	5
HURGHÂDA	01	8						16.7	-1.0	16.1	23	0	12	0	65	0	0	3
QUSEIR	00	8	26	3	1	3	6	15.8	-1.7	15.7	25	+1	14	-2	65	0	0	4
PORT SÛDÂN	02	7	32	5	1	7	6,4	12		25					61	0	138	73
NORTH SÛDÂN																		
WÂDI HALFA	00	8	30	1	0	2	1	17		9					50	0	dr.	—
KAREIMA	00	8	04	2	0	0	—	15		14					23	0	dr.	1
'ATBARA	02	7	32	4	1	8	2	13		17					22	0	dr.	2
KHARTÛM	01	8	02	3	1	5	2	12		19					24	0	2	4
KASSALA	02	7	00	0	1	8	5,2	11		17					72	0	1	8
CENTRAL SÛDÂN																		
WAD MEDANI	02	9	02	4	2	7		11		21					17	0	15	12
RENK	00	8	28	3	0	0	—	10		21		—		—	43	—	—	49
ROSEIRES	01	8	32	1	0	4	1	9		21					50	0	21	36
EL OBEID	02	9	30	3	1	7	2	12		20					15	0	69	16
EL FÂSHER								—	—							0	4	6
GENEINA								—	—			—		—		—	—	4
KADUGLI	01	8	04	4	1	4	1	9		24					15	—	—	89
S. SÛDÂN																		
MALAKÂL	00	8	04	2	1	2	2	9		23					29	0	112	88
WÂU	00	8	00	0	0	3	1	9		21					21	0	159	142
JUBA	05	6	14	2	0	1	4	2		24					61	0	212	137

UPPER WINDS ON 19th — الرياح العليا يوم ١٩

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT 7h.	LUXOR	ASWÂN 7h.	WÂDI HALFA 7h.	ABU HAMAD 7h. 15m.	KAREIMA 7h.	KHARTÛM 7h.
					02 19 05		02 36 15	09 01 40	09 02 20	09 04 35	09 03 55
					05 03 20		05 02 35	15 01 20	15 34 15	15 03 45	15 02 30
					10 01 25		10 03 30	21 34 15	21 31 15	21 30 30	21 35 15
							15 04 20	29 32 25	27 29 40	29 28 40	24 36 15
							20 36 20	33 29 40	33 29 30	33 28 30	29 34 15
							25 30 40	39 38 40	39 29 35	39 33 30	30 33 15
											39 29 25

KASSALA 7h.	PORT SÛDÂN 7h.	EL OBEID 7h.	EL FÂSHER	GENEINA	MALAKAL 7h.
09 02 30	09 36 35	09 01 30			09 03 60
15 02 30	15 02 40	15 02 30			15 03 50
21 01 30	21 05 30	21 05 25			21 04 40
27 02 10		27 07 30			27 03 55
33 32 02					33 04 40
39 30 15					39 04 30

UPPER AIR TEMP ALMÂZA AT 9h. G.M.T. ON 19th

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	1008	59	57
500	990	56	53
1000	972	56	53
1500	954	54	51
2000	937	52	49
4000	891	43	42
6000	808	39	29
8000	749	38	31
10000	693	33	26
12000	641	28	24
14000	592	19	17
16000	546	12	12

CYPRUS SYNOPTIC 8h. ON 19th.

34770 02989 00655 13100 70405 00081
34853 02964 20226 14080 59306 00061

ANNUAL SUBSCRIPTION P.T. 150

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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.

CAIRO
Time of Sunrise h. 06 m. 46
Sunset h. 16 m. 59

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month DECEMBER 1946 — شهر ديسمبر ١٩٤٦

1417 F.C.

At 14h. on THURSDAY 19th — الساعة ١٤ يوم الخميس ١٩

STATION	PRESENT WEATHER (WW)	VISIBILITY (V)	WIND Dir. (DD)	WIND Force (F)	PAST WEATHER (W)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESS M.S.L. 1000+ mbs. (PPP)	TEMP. °C (TTT)	% HUMIDITY (UU)	RAIN 8-14 mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	02	9	24	1	0	5	8	17.0	17.7	61	0	131
MARIUT	02	7	29	2	2	6	6	17	18	60	0	150
ALEXANDRIA	02	9	28	4	2	5	9	17.0	18.0	59	0	132
DAMIETTA	01	8	28	3	1	4	8	15.8	16.8	69	0	159
PORT SA'ID	01	7	22	3	1	4	4	15.8	18.0	58	0	134
EL 'ARÎSH	01	9	24	5	1	5	4	15.0	17.7	70	0	135
LOWER EGYPT												
DAMANHÛR	01	7	32	3	1	4	8	17.0	18.0	59	0	136
MANSÛRA	01	8	30	2	1	4	8	16.4	18.0	55	0	137
TANTA	02	8	28	2	2	5	7	16.4	17.4	64	0	138
ZAGAZIG	02	6	16	2	2	5	8	17.1	18.2	62	dr	139
SHEBÎN EL KÔM	02	8	22	3	2	5	9	17.4	19.8	54	0	
MIDDLE EGYPT — CAIRO												
ALMAZA	02	8	28	1	1	5	8	16.9	17.2	65	0	141
EZBEKÎYA	02	8	00	0	2	7	9	18.3	18.4	57	0	
GÎZA	02	7	00	0	1	6	9	18.2	18.8	63	0	
HELWÂN	03	7	00	0	2	8	9	17.2	16.7	63	0	143
SUEZ	01	9	30	2	1	4	3	16.8	20.8	41	0	144
UPPER EGYPT												
FAIYÛM	01	8	32	1	1	5	8	17.0	18.0	53	0	153
MINYA	01	8	32	2	1	4	8	16.3	19.8	34	0	154
ASYÛT	00	8	30	1	0	0	—	16.8	19.1	47	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	14.8	22.0	42	0	164
QENA	01	8	24	1	0	3	1	15.2	19.0	41	0	156
LUXOR	01	7	02	3	1	4	2	15.6	21.2	44	0	157
ASWÂN	02	9	32	3	1	5	1	14.2	21.8	26	0	158
WESTERN DESERT												
SÎWA	00	8	12	2	0	0	—	18.0	20.0	55	0	148
BAHARÎYA	00	9	00	0	0	0	—	17.5	18.0	44	0	149
KHÂRGA	01	9	02	3	1	4	2	15.9	20.3	36	0	151
DAKHLA	01	8	04	1	1	3	1	16.0	20.0	47	0	152
RED SEA												
TÛR	00	7	28	4	0	0	—	15.1	23.1	34	0	145
HURGHADA	01	8	30	4	1	3	1	14.6	20.7	58	0	146
QUSEIR	00	8	02	3	1	3	3	15.1	21.2	68	0	147
PORT SUDÂN	01	8	32	5	1	4	6	11	26	62		169
NORTH SÛDÂN												
WÂDI HALFA	00	8	32	2	1	1	1	14	23	19		165
KAREIMA	00	8	04	2	0	0	—	11	25	14		166
'ATBARA	01	7	32	4	1	5	1	8	29	08		167
KHARTÛM	01	7	32	3	2	4	1	8	29	11		168
KASSALA	02	8	32	2	1	8	5	4	33	36		170
CENTRAL SÛDÂN												
WAD MEDANI	02	8	32	4	1	7	1	6	31	16		171
RENK	01	9	28	3	0	4	1	5	33	26		182
ROSEIRES	00	8	08	1	0	2	1	2	37	20		172
EL OBEID	02	9	02	3	1	6	2	7	28	10		174
EL FÂSHER	02	8	06	1	1	5	2	—	30	21		175
GENEINA	01	8	06	1	0	3	1	—	33	12		179
KADUGLI	01	8	04	4	1	4	1	4	36	07		187
S. SÛDÂN												
MALAKÂL	02	8	32	4	1	5	2	3	35	15		176
WÂU	01	8	02	3	1	4	1	3	35	20		177
JUBA	05	7	30	3	0	5	8,4	2	36	27		178

At 20h. on 19th — الساعة ٢٠ يوم الخميس ١٩

STATION	PRESENT WEATHER (WW)	VISIBILITY (V)	WIND Dir. (DD)	WIND Force (F)	PAST WEATHER (W)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESS M.S.L. 1000+ mbs. (PPP)	TEMP. °C (TTT)	% HUMIDITY (UU)	RAIN 14-20 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	01	8	16	2	0	4	8	16.7	16.0	67	0
MARIUT	02	7	31	1	2	5	6	18	16	68	0
ALEXANDRIA	00	5	04	2	0	0	—	17.9	15.6	73	0
DAMIETTA	02	7	20	1	2	8	6	17.0	15.0	75	0
PORT SA'ID	00	7	22	3	0	0	—	17.4	14.6	77	0
EL 'ARÎSH	03	8	24	4	2	8	8	16.8	14.9	82	0
LOWER EGYPT											
DAMANHÛR	01	6	32	3	1	4	4	17.6	14.6	78	0
MANSÛRA	00	6	02	1	1	0	—	17.9	14.8	78	0
TANTA	00	8	00	0	1	0	—	18.2	12.1	89	0
ZAGAZIG	00	6	00	0	0	0	—	18.2	12.0	89	0
SHEBÎN EL KÔM	00	7	22	2	1	0	—	18.3	13.4	76	0
MIDDLE EGYPT — CAIRO											
ALMAZA	01	7	00	0	1	4	6	18.1	15.3	77	0
EZBEKÎYA	01	7	30	1	1	4	6	18.8	15.0	77	0
GÎZA	00	8	00	0	0	3	8	18.6	13.5	91	0
HELWÂN	01	6	24	2	1	4	4	18.6	13.7	69	0
SUEZ	00	9	00	0	0	0	—	18.0	18.7	43	0
UPPER EGYPT											
FAIYÛM	01	8	32	1	1	5	8	18.3	13.1	78	0
MINYA	00	8	30	1	0	0	—	19.1	13.8	69	0
ASYÛT	00	6	22	1	0	0	—	18.3	12.0	76	0
NAG' HAMÂDI	00	8	00	0	0	0	—	17.4	14.0	74	0
QENA	00	6	24	1	1	3	1	16.3	14.4	67	0
LUXOR	00	6	06	2	0	0	—	15.6	13.0	45	0
ASWÂN	00	9	00	0	0	0	—	13.2	16.2	40	0
WESTERN DESERT											
SÎWA	02		20	2	1	6	4	17.9	14.5	59	0
BAHARÎYA	00		00	0	0	0	—	19.4	12.0	76	0
KHÂRGA	00	9	00	0	1	0	—	16.2	13.8	46	0
DAKHLA	00	6	28	1	0	0	—	18.6	12.0	54	0
RED SEA											
TÛR	00	7	28	4	0	0	—	16.0	18.5	44	0
HURGHADA	00	8	28	4	0	0	—	16.3	15.2	70	0
QUSEIR	00	8	32	2	0	0	—	15.4	18.7	69	0
PORT SUDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 19th — الرياح العليا يوم ١٩

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ID	ALMAZA	MINYA	LUXOR	HURGHADA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	13 h. 15 m.	13 h. m.	h. m.	h. m.	h. m.	13 h. m.	13 h. m.	h. m.	13 h. m.	13 h. m.	13 h. m.	13 h. 15 m.
		03 29 35	03 30 05				09 05 20	09 02 30		09 03 20	09 03 30	09 03 35	09 04 10
		06 30 35	06 31 20				15 06 20	15 35 30		15 04 25	15 04 25	15 03 45	15 02 20
		09 30 35	09 31 15				21 36 15	21 31 30		21 05 15	21 05 15	21 33 05	18 02 10
		12 30 35	15 32 20				24 31 20	27 07 30		27 02 20	27 06 20	27 29 05	
		15 32 25						33 10 20		33 05 15	33 07 20	33 20 15	
		18 33 30						39 11 20		39 04 05	39 14 15	36 17 20	
		21 31 05											
		24 29 35											
		27 29 35											

At 8h. on FRIDAY 20th — الساعة ٨ يوم الجمعة ٢٠

STATION	PRESENT WEATHER (WW)	VISIBILITY (V)	WIND Dir. (DD)	WIND Force (F)	PAST WEATHER (W)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESSURE M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C (TTT)	MAXIMUM Yesterday °C (MM)	MAXIMUM Diff. from norm. °C	MINIMUM Today °C (mm)	MINIMUM Diff. from norm °C	% HUMIDITY (UU)	RAINFALL Past 24 hrs mms	RAINFALL Total From Oct. 1 mms	RAINFALL Norm. From Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				34
MATRÛH	02	9	16	2	0	5	8	17.0	−1.4	14.7	18	−1	10	0	70	0	30	59
MARIUT	01	7	00	0	1	4	1	18		13	19	—	18	—	86	0	64	56
ALEXANDRIA	02	8	16	2	1	5	6	18.2	−0.5	14.2	19	−1	11	−1	76	0	54	75
DAMIETTA	01	7	18	1	2	4	8	18.0	0.0	13.5	18	—	12	—	94	0	3	33
PORT SA'ID	01	7	18	3	1	4	6	18.4	+0.8	12.9	18	−2	13	+1	87	0	4	24
EL 'ARÎSH	01	9	20	3	1	4	8	18.6	−0.2	16.8	18	−2	11	+3	74	0	13	27
LOWER EGYPT																		
DAMANHÛR	01	6	32	2	1	5	1	17.9	−0.8	12.2	20	−1	10	+1	78	0	50	28
MANSÛRA	01	8	20	1	1	4	0	18.4	−0.2	10.0	20	−1	9	0	94	0	5	14
TANTA	01	8	20	1	1	4	6	18.7	−0.4	13.0	19	−2	8	0	90	0	3	11
ZAGAZIG	00	6	00	0	0	0	—	19.5	+0.3	12.3	20	−1	8	0	97	dr.	dr.	8
SHEBÎN EL KÔM	00	8	22	1	1	2	8	18.8	−0.4	9.9	20	—	8	—	89	0	dr.	—
MIDDLE EGYPT — CAIRO																		
ALMAZA	05	6	00	0	2	4	4,5	18.5	−0.8	12.7	19	—	9	—	70	0	1	—
EZBEKÎYA	02	5	00	0	2	5	6	19.8	+0.5	12.0	19	−2	9	0	76	0	dr.	7
GÎZA	40	3	20	1	4	5	2	19.1	−0.2	12.4	20	0	6	−1	87	0	1	8
HELWÂN	09	5	00	0	2	5	4	19.1	−0.4	11.0	18	−2	9	−1	80	0	1	6
SUEZ	01	9	00	0	1	4	8	19.6	+1.1	17.3	21	0	11	0	69	0	dr.	7
UPPER EGYPT																		
FAIYÛM	02	8	00	0	2	5	2	19.1	−0.3	11.9	19	−3	9	+1	76	0	dr.	1
MINYA	02	8	30	1	2	5	4	18.2	−1.5	11.9	20	−1	9	+1	63	0	dr.	—
ASYÛT	01	7	12	1	1	4	5	18.2	−1.7	12.1	21	0	8	+1	75	0	0	3
NAG' HAMÂDI	00	8	00	0	0	0	—	18.3	−0.8	9.2	23	—	5	—	84	0	0	—
QENA	01	7	32	2	1	4	1	17.6	−1.2	12.3	20	−4	6	−2	71	0	0	—
LUXOR	00	7	02	2	0	0	—	18.2	−0.7	15.8	22	−3	5	−2	42	0	0	—
ASWÂN	01	9	32	2	1	3	1	16.7	−2.1	12.6	22	−3	10	−1	57	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	16.7	−3.7	9.8	21	0	8	+3	76	0	0	3
BAHARÎYA	02	9	00	0	2	5	—	18.7	−1.5	12.0	18	−3	8	+2	76	0	0	3
KHÂRGA	01	9	32	2	1	4	3	17.2	−2.0	12.6	21	−3	7	−1	68	0	0	—
DAKHLA	01	7	28	1	1	3	1	17.8	−2.5	7.5	22	−1	5	−1	72	0	0	—
RED SEA																		
TÛR	00	7	04	3	0	0	—	16.2	−1.6	11.3	23	0	7	−3	55	0	0	6
HURGHÂDA	01	8	24	4	1	4	1	16.3	−1.4	16.2	21	−2	12	0	69	0	0	3
QUSEIR	01	8	26	3	1	3	1	16.6	−0.9	15.3	22	−2	15	−1	76	0	0	4
PORT SÛDÂN	02	9	30	3	1	6	6	14		24					61	0	138	74
NORTH SÛDÂN																		
WÂDI HALFA	00	8	08	1	0	2	2	15		11					58	0	dr.	—
KAREIMA	00	7	00	0	0	0	—	14		13					38	0	dr.	1
'ATBARA	01	8	32	3	0	3	1	13		18					37	0	dr.	2
KHARTÛM	00	7	02	3	0	0	—	13		18					18	0	2	4
KASSALA	00	8	00	0	1	0	—	10		21					74	0	1	8
CENTRAL SÛDÂN																		
WAD MEDANI	08	9	04	4	0	2	1	12		20					21	0	15	42
RENK	00	9	32	3	0	0	—			20		—		—	35	—	—	49
ROSEIRES	00	8	32	1	0	0	—	9		20					49	0	21	36
EL OBEID	00	9	30	2	0	1	1	13		18					19	0	69	16
EL FÂSHER	00	8	00	0	0	2	1	—	—	14					39	0	4	6
GENEINA	01	8	04	1	0	3	2	—	—	13	—			—	29	0	—	4
KADUGLI	01	8	28	2	0	3	1	11		23	—			—	20	—	—	89
S. SÛDÂN																		
MALAKÂL	01	8	02	4	0	4	4	9		22					44	0	112	88
WÂU	00	8	00	0	0	0	—	9		20					64	0	159	142
JUBA	05	7	10	1	0	3	2	9		23					69	0	212	138

UPPER WINDS ON 20th — الرياح العليا يوم ٢٠

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ID	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	7 h. m.	7 h. 15 m.	7 h. m.	6 h. 30 m.
								09 07 30	09 08 35	09 07 40	09 05 40
								15 33 25	15 06 15	15 08 30	15 01 10
								21 28 05	21 33 05	21 07 15	21 02 25
								27 27 10		27 04 15	24 01 30
								33 27 25		33 36 30	27 01 20
								39 28 35		39 35 10	

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. m.	7 h. m.	7 h. m.	7 h. 15 m.	7 h. m.	6 h. m.
09 01 05	09 05 15	09 04 35	09 02 20	09 05 15	09 03 50
15 04 25		15 06 35	15 05 25	15 09 10	15 04 50
21 03 30		21 05 15	21 03 05	21 10 10	21 03 20
27 34 10		27 03 15	27 07 10	27 13 15	27 10 05
		33 03 15	33 02 10	33 13 25	33 15 15
		39 10 15	39 01 15		

UPPER AIR TEMP. ALMAZA AT G.M.T. ON

HEIGHT FEET	P.P.P. m.b.	T.T. °C	T.T. °C
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h. ON 20th

34704 00812 28212 17090 70407 97080
30814 01961 04313 18110 80409 00070

Remarks

Hours are Egyptian standard time, long 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day HUMIDITY % on 19th	Diff from normal	WET BULB TEMP on 19th	Diff from normal
Alexandria	64	−1	13.1	−0.2
Ezbekiya	77	+8	12.6	+1.1
Giza	82	+8	12.9	+1.8
Helwân	75	+18	11.2	+0.7

GÎZA — GRASS MINIMUM TEMP ON 20th 3.8 °C

CAIRO — WATER TEMP AT 9h. ; RIVER NILE ON 20th 8.1 °C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	20-12-46	13.04	−0.42	13.04	−0.43
Nâsser		10.65	+1.87	10.67	+1.84
Malakâl		12.92	+0.93	12.92	+0.90
J. Aulia Res.				377.06	—
J. Aulia D.S.				372.59	+0.32
Roseires		13.44	+0.69	13.46	+0.66
Sennar Res.		20.68	—	20.69	—
Khartûm		11.75	+0.22	11.76	+0.20
Kh. el Girba					
'Atbara		11.32	+0.33	11.30	+0.29
Kajnarti		135.07	+0.57	135.10	+0.57
Aswân Res.		119.57	—	119.51	—
Aswân D.S.		86.34	+0.15	86.43	+0.26
Roda (Cairo)		16.76	+1.09	16.76	+0.96

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	20-12	1586	1563
	19-12	1678	1447

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

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ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise h. 02 m. 47
Sunset h. 16 m. 59

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month DECEMBER 1946 — شهر ديسمبر ١٩٤٦

At 14h. on FRIDAY 20th — الساعة ١٤ يوم الجمعة ٢٠

STATION	Present Weather (WW)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 8-14 h. mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	9	14	3	0	0	—	15.1	20.3	39	0	131
MARIUT	01	7	11	1	1	5	8	17	20	53	0	150
ALEXANDRIA	01	8	12	1	2	4	8	16.7	19.6	50	0	132
DAMIETTA	01	8	14	1	1	4	6	17.1	18.1	68	0	159
PORT SA'ÎD	01	8	30	2	1	4	8	17.5	17.2	76	0	134
EL 'ARÎSH	02	9	28	4	2	7	4	17.6	17.7	75	0	135
LOWER EGYPT												
DAMANHÛR	01	7	16	3	1	4	1	17.6	20.0	54	0	136
MANSÛRA	01	8	04	1	1	4	8	17.1	20.0	59	0	137
TANTA	01	8	20	1	1	4	8	16.7	19.6	58	0	138
ZAGAZIG	00	6	32	3	0	0	—	17.1	17.0	54	0	139
SHEBÎN EL KÔM	01	8	10	2	1	4	8	17.2	20.1	53	0	—
MIDDLE EGYPT												
CAIRO ALMAZA	01	8	05	2	1	4	8,4	16.0	19.8	49	0	141
CAIRO EZBEKÎYA	02	8	04	2	1	5	4	17.0	21.3	41	0	—
CAIRO GÎZA	02	8	04	2	1	5	4	17.1	20.3	46	0	—
HELWÂN	01	9	06	3	1	4	3	15.8	20.5	35	0	143
SUEZ	01	9	02	1	1	4	8	16.4	20.1	48	0	144
UPPER EGYPT												
FAIYÛM	01	8	02	2	1	3	8	15.8	20.3	45	0	153
MINYA	01	8	32	2	1	3	2	15.6	21.8	29	0	154
ASYÛT	00	8	30	1	1	0	—	15.4	20.0	47	0	155
NAG HAMÂDI	00	8	00	0	0	0	—	15.1	23.3	48	0	164
QENA	01	8	16	1	1	3	1	15.9	20.6	50	0	156
LUXOR	01	7	02	1	1	4	1	15.6	22.0	43		157
ASWÂN	00	9	32	1	0	0	—	13.4	22.4	27	0	158
WESTERN DESERT												
SÎWA	00	8	21	4	0	0	—	14.6	22.0	58	0	148
BAHARÎYA												149
KHÂRGA	00	9	02	1	1	2	2	15.0	22.2	41	0	151
DAKHLA	00	8	28	1	0	0	—	15.6	22.5	44	0	152
RED SEA												
TÔR	00	7	28	3	0	0	—	16.0	20.5	55	0	145
HURGHADA	01	8	02	3	1	4	1	15.1	20.8	58	0	146
QUSEIR	00	8	30	3	1	3	3	14.8	21.2	74	0	147
PORT SUDAN	00	7	04	4	1	2	8	12	27	52		208
NORTH SUDAN												
WÂDI HALFA	01	8	30	1	1	4	1	13	24	28		165
KAREIMA	00	8	04	1	0	0	—	11	29	25		166
'ATBARA	00	8	02	2	0	0	—	7	31	21		167
KHARTÛM	00	8	02	1	0	0	—	7	31	24		209
KASSALA	00	8	02	2	0	1	2	5	37	22		170
CENTRAL SUDAN												
WAD MEDANI	00	8	32	4	0	0	—	5	34	16		171
RENK	00	9	28	3	0	0	—	5	33	26		182
ROSEIRES	00	8	32	1	0	0	—	3	37	20		172
EL OBEID	00	9	04	2	0	1	1	6	32			174
EL FASHER	00	8	08	1	0	0	—	—	30	22		175
GENEINA	00	8	04	1	0	0	—	—	33	13		179
KADUGLI												187
S. SUDAN												
MALAKÂL	00	8	02	3	0	0	—	5	34	16		176
WÂU	00	8	04	3	0	2	1	5	34	14		177
JUBA	00	8	28	2	0	0	—	3	36	24		178

At 20h. on 20th — الساعة ٢٠ يوم الجمعة ٢٠

STATION	Present Weather (WW)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 14-20 h. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	8	14	2	0	0	—	16.3	14.5	49	0
MARIUT	00	7	08	2	0	0	—	18	12	82	0
ALEXANDRIA	00	5	12	2	0	0	—	19.1	14.4	81	0
DAMIETTA	00	7	14	1	1	0	—	17.8	19.7	96	0
PORT SA'ÎD	00	8	06	3	0	0	—	18.7	14.1	92	0
EL 'ARÎSH	00	9	28	3	0	0	—	17.5	13.4	86	0
LOWER EGYPT											
DAMANHÛR	01	6	12	2	1	3	8	18.0	13.2	82	0
MANSÛRA	00	6	04	1	1	0	—	19.0	13.8	80	0
TANTA	00	8	00	0	1	0	—	17.4	13.3	86	0
ZAGAZIG	00	6	24	2	1	0	—	18.2	15.0	87	0
SHEBÎN EL KÔM	00	7	22	2	1	0	—	18.6	14.3	79	0
MIDDLE EGYPT											
CAIRO ALMAZA	00	7	05	2	1	0	—	17.9	15.1	73	0
CAIRO EZBEKÎYA	00	7	04	1	1	0	—	18.7	16.3	57	0
CAIRO GÎZA	00	8	04	2	0	0	—	18.4	15.7	66	0
HELWÂN	00	7	06	5	0	0	—	17.8	15.8	59	0
SUEZ	00	9	00	0	1	4	8	17.0	18.4	53	0
UPPER EGYPT											
FAIYÛM	00	5	00	0	0	0	—	17.4	18.0	70	0
MINYA	00	8	02	1	1	0	—	17.4	15.0	58	0
ASYÛT	00	6	28	1	0	0	—	17.5	13.3	63	0
NAG HAMÂDI	00	8	00	0	0	0	—	17.2	12.0	89	0
QENA	01	6	24	1	1	3	1	16.4	15.2	62	0
LUXOR	00	6	06	2	0	0	—	16.7	14.0	65	0
ASWÂN	00	9	00	0	0	0	—	13.4	19.6	42	0
WESTERN DESERT											
SÎWA	00	9	00	0	0	0	—	15.2	14.0	73	0
BAHARÎYA	00	9	00	0	0	0	—	16.1	13.2	75	0
KHÂRGA	00	9	32	1	0	0	—	17.0	16.6	37	0
DAKHLA	00	6	28	1	0	0	—	17.3	16.0	58?	0
RED SEA											
TÔR	00	7	28	2	0	0	—	16.8	14.5	52	0
HURGHADA	00	8	26	3	0	0	—	16.3	14.4	67	0
QUSEIR	00	8	28	2	0	0	—	15.9	18.0	38	0
PORT SUDAN											
NORTH SUDAN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SUDAN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FASHER											
GENEINA											
KADUGLI											
S. SUDAN											
MALAKÂL											
WÂU											
JUBA											

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

UPPER WINDS ON 20th — الساعة ٢٠ يوم الجمعة ٢٠

MATRÛH	MARIUT	PORT SA'ÎD	ALMAZA	MINYA	LUXOR	HURGHADA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	12h. 30m.	h. m.	h. m.	18h. 45m.	h. m.	h. m.	h. m.	13h. m.	13h. m.	13h. m.	13h. m.	13h. m.	h. m.
	03 36 05			03 04 15				09 11 20	09 02 10	09 04 20	09 02 20	09 03 25	
	06 04 10			06 07 15				15 11 10	15 26 15	15 05 10	15 05 20	15 04 35	
				09 22 05				21 06 15	21 31 15	21 07 10	21 03 10	21 03 35	
				12 03 05				27 35 10	27 12 05		27 03 05	27 01 30	
				15 22 05				33 29 05	30 11 15		36 16 10		
				21 24 25				39 04 05	39 08 15				
				24 25 30									
				30 25 35									

At 8h. on SATURDAY 21st — الساعة ٨ يوم السبت ٢١

STATION	Present Weather (WW)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Temperature Dry Bulb °C (TTT)	Maximum Yesterday °C (MM)	Maximum Diff. from norm. °C	Minimum Today °C (mm)	Minimum Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms	Total From Oct. 1 mms.	Norm From Oct. 1 mms.
MEDITERRANEAN																		
SALÛM												—		—				25
MATRÛH	03	9	14	3	2	8	9	18.0	-0.5	13.3	21	+2	10	0	68	0	30	61
MARIUT	05	5	00	0	0	6	4,2	20	—	12		—	10	—	95	0	64	57
ALEXANDRIA	02	6	12	2	1	5	1			14.2	21	+1	12	0	87	0	54	77
DAMIETTA	08	4	14	1	4	7	5	19.5	+1.5	13.4	20	—	11	—	98	0	3	34
PORT SA'ÎD	02	7	10	2	2	5	1	19.9	+2.3	14.9	18	-2	12	0	90	0	4	25
EL 'ARÎSH	02	9	14	3	2	6	4	20.2	+1.4	16.2	21	+1	7	-1	87	0	13	28
LOWER EGYPT																		
DAMANHÛR	03	4	12	2	4	3	1	19.5	+0.8	16.8	21	0	9	0	95	0	50	29
MANSÛRA	01	8	08	1	1	4	6	19.6	+0.9	12.0	21	0	10	+1	95	0	5	14
TANTA	01	8	00	0	1	4	1	19.2	+0.1	10.0	21	0	7	-1	96	0	3	11
ZAGAZIG	04	6	12	2	1	3	8	19.5	+0.3	9.9	21	0	7	-1	98	0	tr	9
SHEBÎN EL KÔM	03	5	08	1	4	0	—	19.6	+0.4	9.1	21	—	8	—	96	0	tr	—
MIDDLE EGYPT																		
CAIRO ALMAZA	09	6	00	0	1	5	1	19.3	0.0	9.5	20	—	8	—	80	0	1	—
CAIRO EZBEKÎYA	08	4	00	0	4	4	1	19.8	+0.5	10.0	22	+1	7	-2	91	0	tr	7
CAIRO GÎZA	05	2	32	1	4	9	0	20.0	+0.7	7.3	21	+1	6	-1	98	0	1	8
HELWÂN	05	5	00	0	1	5	1	21.2	+1.7	11.6	22	+2	9	-1	73	0	1	7
SUEZ	00	9	30	1	0	0	—	20.3	+1.7	13.4	21	0	8	-3	75	0	tr	8
UPPER EGYPT																		
FAIYÛM	02	8	00	0	2	7	5	19.6	+0.2	8.4	22	0	6	-2	81	0	tr	2
MINYA	02	8	20	1	2	5	2	19.4	-0.3	9.7	22	+2	7	-1	65	0	tr	—
ASYÛT	01	7	28	1	1	3	1	19.9	-0.1	11.5	24	+3	7	0	76	0	0	3
NAG HAMÂDI	00	8	00	0	0	0	—	19.5	+0.3	11.2	23	—	5	—	67	0	0	—
QENA	01	7	04	1	1	3	1	19.4	+0.6	11.7	22	-2	6	-2	58	0	0	—
LUXOR	00	7	08	2	0	0	—	19.6	+0.6	13.3	23	-2	6	-2	63	0	0	—
ASWÂN	00	9	32	1	0	0	—	17.9	-0.9	14.0	23	-2	11	0	57	0	0	—
WESTERN DESERT																		
SÎWA	02	7	00	0	1	6	5	18.3	-2.2	9.0	23	+2	6	+1	80	0	0	3
BAHARÎYA	00	9	00	0	0	0	—	19.6	-0.6	11.0	22	+1	7	+1	75	0	0	3
KHÂRGA	01	9	00	0	1	4	1	19.1	-0.1	10.6	23	0	7	-1	62	0	0	—
DAKHLA	01	7	12	1	1	3	1	19.2	-1.1	8.5	24	+1	4	-2	60	0	0	—
RED SEA																		
TÔR	00	7	04	3	0	0	—	18.7	+0.9	13.2	24	+2	8	-2	42	0	0	6
HURGHÂDA	01	7	24	3	1	5	1	17.9	+0.2	16.3	22	-1	10	-1	67	0	0	3
QUSEIR	00	8	26	3	0	2	1	16.7	-0.8	15.8	22	-2	15	-1	80	0	0	4
PORT SÛDÂN	01	8	28	4	1	3	1	17		18					68	0	138	75
NORTH SUDAN																		
WÂDI HALFA	00	8	12	1	0	1	2	17		12					55	0	tr	—
KAREIMA	00	8	02	2	0	0	—	14		13					59	0	tr	1
'ATBARA	00	8	02	2	0	0	—	14		19					60	0	tr	2
KHARTÛM	00	8	32	3	0	0	—	14		18					73	0	2	4
KASSALA	00	8	00	0	0	0	—	12		23					69	0	1	8
CENTRAL SUDAN																		
WAD MEDANI	00	8	04	1	0	0	—	14		21					26'	0	15	12
RENK	00	8	28	3	0	0	—	13		21	—	—	—	—	35	—	—	49
ROSEIRES	00	8	20	1	0	0	—	12		21					47	0	21	36
EL OBEID	00	9	30	2	0	0	—	15		17					28	0	69	16
EL FÂSHER	00	9	32	1	0	0	—	—	—	14					39	0	4	6
GENEINA	00	8	04	1	0	0	—	—	—	14	—	—	—	—	32	0	—	4
KADUGLI	00	8	02	4	0	0	—	14		25	—	—	—	—	30	—	—	89
S. SUDAN																		
MALAKÂL	00	8	02	4	0	0	—	11		23					34	0	112	88
WÂU	00	8	00	0	0	0	—	11		19					43	0	159	142
JUBA	01	8	16	2	0	4	4	12		22					69	0	212	138

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

UPPER WINDS ON 21st — الساعة ٢١ يوم السبت ٢١

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	7h. m.	7h. 15m.	7h. 15m.	7h. m.	7h. 30m.
			02 28 05		02 30 05		02 02 05	03 09 10	09 04 35	09 04 35	09 04 40
			05 36 05		05 00 00		05 05 15	06 06 20	15 04 15	15 07 10	15 08 10
			08 07 05		10 30 05		10 08 10	09 05 15	21 36 05	21 12 05	21 27 15
			10 39 05				15 19 05	12 02 05	27 33 05	27 28 05	27 29 30
			15 29 10				20 28 10	15 05 05	39 27 15	39 30 10	33 06' 15
			20 35 15				35 39 20	21 36 05			39 12 25
			23 27 25				30 20 20	27 36 20			
			25 27 35				35 30 30	33 30 10			
			29 26 30								

UPPER WINDS ON 21st — الساعة ٢١ يوم السبت ٢١

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7h. 15m.	7h. m.	7h. m.	7h. m.	7h. m.	7h. 30m.
06 09 05	09 10 15	09 01 25	09 01 05	09 06 30	09 03 05
09 11 10	12 11 25	15 06 15	12 05 25	15 09 20	15 04 15
15 08 20		21 21 05	15 07 20	21 07 15	21 06 90
21 06 40		27 25 15	21 08 10	27 03 05	
		29 26 25	27 06 10	33 21 05	

UPPER AIR TEMP. ALMAZA AT 6h GMT ON 21st

HEIGHT FEET	P.P.P. mb.	T.T. °F	T.T. °F
Surface	1010	48	47
500	992	60	53
1000	974	60	52
1500	956	58	51
2000	939	56	49
4000	872	51	42
6000	806	49	36
8000	750	43	32
10000	695	38	27
12000	642	31	25
14000	593	26	22
16000	547	18	16

CYPRUS SYNOPTIC 6h. ON 21st

24770	02977	08417	22120	60407	97081
28857	12872	12165	23080	00205	01071

Remarks

Hours are Egyptian standard time, long 30° E and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	21st	1504	1563
	20th	1586	1563

STATION	Mean of day Humidity % on 20th	Diff. from normal	Wet Bulb Temp °C on 20th	Diff. from normal
Alexandria	73	+8	12.9	+0.1
Ezbekîya	59	-10	12.1	+0.7
Gîza	69	-5	12.6	+1.6
Helwân	65	+8	11.3	+0.9
GÎZA	Grass minimum temp. on 21st 3.0° C			
CAIRO	Water temp. River Nile on 21st 16.1° C at 9h.			

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	21st			13.04	-0.42
Nâsser				10.65	+1.87
Malakâl		12.92	+0.94	12.92	+0.93
J. Aulia Res.					
J. Aulia D.S					
Roseires		13.39	+0.66	13.44	+0.69
Sennar Res.				20.68	—
Khartûm				11.75	+0.22
Kh. el Girba					
Atbara				11.32	+0.33
Kajnarti				135.07	+0.57
Aswân Res.		119.68	—	119.57	—
Aswân D.S		86.20	+0.01	86.34	+0.15
Roda (Cairo)		16.78	+1.90	16.76	+1.09

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ANNUAL SUBSCRIPTION P.T. 150

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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	27-36	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.

CAIRO
Time of Sunrise h. m. 06 47
Sunset h. m. 17 00

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month DECEMBER 1946 — شهر ديسمبر ١٩٤٦

At 14h. on SATURDAY 21st — الساعة ١٤ يوم السبت ٢١ ; At 20h. on 21st — الساعة ٢٠ يوم السبت ٢١

STATION	14h Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 8-14h mms	20h Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	02	9	14	2	0	5	8	17.9	19.0	47	0	00	8	14	3	0	0	—	19.4	12.5	68	0	131
MARIUT	02	8	10	1	3	5	2,4	19	20	64	0	01	7	07	1	2	3	4,5	20	18	88	0	150
ALEXANDRIA	02	8	10	1	2	7	2	19.4	17.2	63	0	00	5	10	2	0	0	—	21.4	15.0	89	0	132
DAMIETTA	02	7	06	1	2	7	5	19.1	17.7	80	0	08	4	28	1	2	0	—	17.5	14.0	95	0	159
PORT SAʿÎD	02	7	06	3	2	6	5	19.0	17.3	75	0	00	7	04	3	0	3	1	19.9	16.8	79	0	134
EL ʿARÎSH	03	9	04	4	2	8	4			54	0	00	9	16	3	0	0	—	17.7	13.7	91	0	135
LOWER EGYPT																							
DAMANHÛR	02	7	12	3	1	5	5	18.8	19.8	59	0	01	6	04	3	1	4	5	19.8	12.2	84	0	136
MANSÛRA	01	8	02	2	1	4	0	19.0	20.2	61	0	00	6	04	2	1	0	—	20.4	15.6	83	0	137
TANTA	02	8	08	2	1	5	8	18.3	19.7	57	0	03	6	00	0	2	8	7	20.6	14.4	84	0	138
ZAGAZIG	01	6	08	2	1	4	8	17.9	19.2	55	0	01	6	32	2	1	4	8	20.0	15.5	88	0	139
SHEBÎN EL KÔM	01	8	04	2	1	4	4	18.7	18.9	58	0	00	7	04	1	1	0	—	19.9	15.4	78	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	05	6	28	1	1	8	4,5	18.2	18.2	69	0	00	7	06	2	2	0	—	17.4	16.8	65	0	141
CAIRO EZBEKÎYA	09	5	00	0	2	8	5	18.4	18.0	62	0	01	5	04	1	1	4	5	20.2	15.8	67	0	—
CAIRO GÎZA	03	7	02	1	2	8	2	18.6	18.2	61	0	05	6	00	0	1	0	—	19.6	14.3	79	0	—
HELWÂN	02	6	06	2	2	8	4	18.3	18.0	51	0	02	6	06	2	2	8	4	18.8	18.0	50	0	143
SUEZ	01	9	00	0	1	6	5	18.2	20.5	25	0	00	9	00	0	0	0	—	19.1	18.8	45	0	144
UPPER EGYPT																							
FAIYÛM	02	8	00	0	2	7	5	17.9	19.9	41	0	02	6	32	1	2	7	5	20.0	13.8	79	0	153
MINYA	01	8	30	2	1	3	2	18.2	19.6	37	0	00	8	32	1	0	0	—	19.0	15.8	51	0	154
ASYÛT	01	8	24	1	1	4	5	17.8	19.5	49	0	00	6	22	1	1	0	—	19.5	13.4	62	0	155
NAGʿ HAMÂDI	00	8	00	0	0	0	—	17.5	20.7	52	0	00	8	00	0	0	0	—	18.6	13.7	72	0	164
QENA	02	7	24	1	1	5	3	16.7	20.4	51	0	02	6	28	2	2	5	3	17.8	14.8	62	0	156
LUXOR	02	7	30	2	2	5	2	17.4	22.5	50	0	00	6	26	2	0	0	—	17.5	15.0	78	0	157
ASWÂN	02	9	32	2	1	5	1	15.0	25.6	27	0	00	9	00	0	0	0	—	17.0	19.8	41	0	158
WESTERN DESERT																							
SÎWA	03	8	00	0	2	8	6	17.9	18.0	62	0	00		00	0	0	0	—	17.8	12.5	63	0	148
BAHARÎYA	00	9	00	0	0	0	—	17.6	17.0	52	0												149
KHÂRGA	01	9	32	3	1	5	5	17.5	23.4	36	0	01	9	02	1	1	4	1	18.6	17.9	34	0	151
DAKHLA	01	7	24	1	1	5	1	17.1	23.5	50	0	00	6	16	1	0	0	—	18.7	17.5	40	0	152
RED SEA																							
TÔR	00	7	28	4	0	0	—	17.2	22.2	56	0	00	7	28	2	0	0	—	18.2	17.5	47	0	145
HURGHADA	02	7	32	3	2	5	—	16.4	21.7	60	0	00	8	28	3	0	0	—	17.6	15.1	69	0	146
QUSEIR	02	8	02	3	2	7	5	15.2	22.3	78	0	01	8	30	2	1	4	5	16.7	20.2	71	0	147
PORT SÛDÂN	02	9	04	4	1	7	6,4	13	26	70													208
NORTH SÛDÂN																							
WÂDI HALFA	01	8	02	1	1	5	2	15	25	26													165
KAREIMA	00	8	00	0	0	0	—	12	30	24													166
ʿATBARA	00	8	28	3	0	0	—	9	33	19													167
KHARTÛM	00	8	32	3	0	0	—	8	32	28													209
KASSALA	00	8	30	1	0	0	—	6	36	31													170
CENTRAL SÛDÂN																							
WAD MEDANI	00	8	04	2	0	0	—	7	34	25													171
RENK	00	8	28	3	0	0	—	6	33	28													182
ROSEIRES	00	8	04	1	0	0	—	6?	38	19													172
EL OBEID	01	9	32	3	1	4	2	7	32	16													174
EL FÂSHER	00	8	02	2	0	0	—	—	31	22													175
GENEINA	00	8	08	2	1	0	—	—	34	09													179
KADUGLI	00	8	04	3	0	0	—	6	36	10													187
S. SÛDÂN																							
MALAKÂL	00	8	32	4	0	0	—	6?	35	18													176
WÂU	00	8	08	2	0	2	4	4	36	15													177
JUBA	01	8	02	3	1	4	8	5	37	29													178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 21st — ٢١ السبت

MATRÛH	MARIUT	PORT SAʿÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	13h. m.	h. m.	13h. m.	13h.05m.	h. m.	12h.45m.	13h. m.	13h.30m.	h. m.	12h. m.	10h. m.	12h. m.
		03 09 30		03 29 10	03 26 05		09 03 10	09 03 05	09 03 15		09 02 15	09 02 20	09 01 05
		06 08 20		06 32 05	06 35 05		15 02 05	15 02 15	15 35 15		15 01 15	15 04 10	15 35 15
		09 08 20		09 01 10	09 26 45		21 30 10	21 26 05	21 35 10		21 30 15	21 06 25	
		12 07 20		13 31 10	12 29 20		27 26 20	27 02 05	24 34 10		27 28 15	27 02 15	
		15 08 15		15 31 10			33 27 15	33 03 25			33 32 10	33 10 10	
		18 27 05		18 26 15			39 27 10	39 08 10				39 11 40?	
		21 26 15		21 24 20									
		24 28 30		24 26 35									
		27 28 25		30 26 20									

Remarks

Hours are Egyptian standard time long 30°E and are two hours fast on Greenwich mean time

STATION	Mean of day: Humidity % on 21st	Diff from normal	Wet Bulb Temp °C on 21st	Diff from normal
Alexandria	83	+18	14.0	+1.2
Ezbekiya	72	+3	13.0	+0.7
Giza	81	+7	11.2	+0.3
Helwân	59	+2	11.4	+1.0

GÎZA — GRASS MINIMUM TEMP ON 22nd 4.8 °C

CAIRO — WATER TEMP AT 9h. RIVER NILE ON 22nd 16.2° °C

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	22nd	1504	1563
	21st	1504	1563

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	22nd			13.04	-0.42
Nâsser				10.63	+1.93
Malakâl		12.92	+0.96	12.92	+0.94
J. Aulia Res				377.07	—
J. Aulia D.S				372.55	+0.30
Roseires		13.36	+0.66	13.39	+0.66
Sennar Res.				20.70	—
Khartûm				11.75	+0.24
Kh. el Girba					
ʿAtbara				11.30	+0.32
Kajnarti				135.03	+0.53
Aswân Res.		119.78	—	119.68	—
Aswân D.S		86.20	+0.01	86.20	+0.01
Roda (Cairo)		16.74	+1.26	16.78	+1.20

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on SUNDAY 22nd — الساعة ٨ يوم الأحد ٢٢

STATION	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Temp. Dry Bulb °C (TTT)	Maximum Yesterday °C	Max Diff. from norm °C	Minimum Today °C	Min Diff. from norm °C	% Humidity (UU)	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm. from Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				35
MATRÛH	00	9	00	0	0	0	—	22.0	+3.5	10.5	20	+1	8	-2	79	0	30	62
MARIUT	07	2	00	0	4	0	—	23		11	20	—	8	—	100	0	64	58
ALEXANDRIA	01	8	12	1	1	3	8	22.9	+4.0	15.8	20	0	13	+1	81	0	54	79
DAMIETTA	00	8	08	1	0	0	—	21.4	+3.3	16.2	19	—	12	—	86	0	3	34
PORT SAʿÎD	05	8	06	3	0	0	—	21.6	+4.0	18.3	20	0	14	+2	77	0	4	25
EL ʿARÎSH	00	9	16	4	0	0	—	21.8	+3.0	10.9	21	+1	6	-2	81	0	13	28
LOWER EGYPT																		
DAMANHÛR	00	5	24	2	0	0	—	22.6	+3.9	10.0	21	0	10	+1	99	0	50	30
MANSÛRA	00	8	02	1	0	0	—	21.9	+3.2	14.0	22	+1	11	+2	92	0	5	14
TANTA	00	8	00	0	1	0	—	21.8	+2.7	10.0	21	0	7	-1	98	0	3	12
ZAGAZIG	04	5	12	2	4	0	—	22.6	+3.4	8.4	20	-1	7	-1	100	0	dr.	9
SHEBÎN EL KÔM	04	3	18	1	4	0	—	22.4	+3.2	9.4	21	—	7	—	96	0	dr.	—
MIDDLE EGYPT																		
CAIRO ALMAZA	09	5	00	0	4	0	—	22.3	+3.0	8.8	20	—	6	—	86	0	1	—
CAIRO EZBEKÎYA	08	4	04	1	4	0	—	22.3	+3.0	8.8	19	-1	7	-2	92	0	dr.	7
CAIRO GÎZA	08	4	32	1	0	0	—	22.2	+2.8	8.8	20	0	7	0	98	0	1	8
HELWÂN	09	4	04	1	4	0	—	21.9	+2.4	12.3	19	-1	7	-2	70	0	1	7
SUEZ	00	9	30	1	0	0	—	22.4	+2.8	14.8	21	0	9	-1	68	0	dr.	8
UPPER EGYPT																		
FAIYÛM	00	5	00	0	0	0	—	22.0	+2.6	9.0	20	-2	8	0	87	0	dr.	2
MINYA	00	8	32	1	1	2	1	21.0	+1.2	11.7	20	0	8	+1	64	0	dr.	—
ASYÛT	01	7	22	1	1	3	1	21.8	+1.8	10.1	22	+1	7	0	71	0	0	3
NAGʿ HAMÂDI	00	8	00	0	0	0	—	21.6	+2.3	10.7	22	—	6	—	77	0	0	—
QENA	02	7	24	2	2	5	3	20.6	+1.8	10.6	22	-2	7	-1	80	0	0	—
LUXOR	02	7	28	1	2	5	3	21.0	+2.0	12.2	23	-2	7	—	74	0	0	—
ASWÂN	02	9	00	0	1	5	1	19.8	+0.9	15.0	26	+1	12	+1	49	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	21.1	+0.6	6.3	19	-2	2	-3	69	0	0	3
BAHARÎYA																	0	3
KHÂRGA	01	9	00	0	1	5	2	21.4	+2.2	9.7	24	+1	9	+1	65	0	0	—
DÂKHLA	01	6	00	0	1	5	1	21.7	+1.6	10.0	25	+2	7	+1	54	0	0	—
RED SEA																		
TÔR	00	7	04	3	0	0	—	20.2	+2.4	15.2	22	0	9	-1	40	0	0	6
HURGHÂDA	01	8	26	4	1	3	1	19.0	+1.3	15.8	23	0	10	-1	42	0	0	3
QUSEIR	02	8	26	3	2	5	2	18.4	+0.9	16.9	23	-1	16	+1	65	0	0	4
PORT SÛDÂN	02	8	30	4	1	6	6	16		24					74	0	138	76
NORTH SÛDÂN																		
WÂDI HALFA	01	8	02	1	0	4	2	19		14					45	0	dr.	—
KAREIMA	00	8	04	1	0	0	—	17		17					46	0	dr.	1
ʿATBARA	00	8	28	3	0	0	—	16		18					64	0	dr.	2
KHARTÛM	00	8	32	3	0	0	—	14		22					38	0	2	4
KASSALA	00	7	00	0	0	0	—	13		22					74	0	1	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	02	3	0	3	1	13		22					41	0	15	12
RENK	00	8	28	2	0	0	—	13		23		—		—	41	—	—	49
ROSEIRES	00	8	32	1	0	0	—	14		23					50	0	21	36
EL OBEID	00	9	32	3	0	0	—	14		20					26	0	69	16
EL FÂSHER	00	8	00	0	0	0	—	—	—	15					42	0	4	6
GENEINA	00	8	02	3	0	0	—	—	—	19		—		—	19	—	—	4
KADUGLI	00	8	04	3	0	0	—			27		—		—	19	—	—	89
S. SÛDÂN																		
MALAKÂL	00	8	02	3	0	0	—	12		24					34	0	112	88
WÂU	00	8	00	0	0	2	4,5	12		21					57	0	159	143
JUBA	01	8	18	2	1	4	4	12		26					58	0	212	139

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 22nd — ٢٢ الأحد

MATRÛH	MARIUT	PORT SAʿÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	9h.15m.	h. m.	7h. m.	h. m.	7h. m.	7h.30m.	7h. m.	7h. m.	7h. m.
			02 07 15		02 30 10		02 02 15	09 03 20	09 05 20	09 05 70	09 06 40
			05 07 30		05 32 10		05 03 20	15 01 20	15 03 30	15 07 55	15 06 20
			08 06 25		10 02 10		10 03 15	21 33 15	21 01 15	21 20 20	21 36 10
			10 03 35				15 03 10	27 32 20	29 31 10	27 31 15	24 36 25
			15 02 35				20 33 15	33 31 20		33 29 20	27 36 25
			20 32 30				25 33 20	39 30 30			30 04 20
			23 32 20								39 18 10
			25 32 30								

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7h. m.	9h. m.	7h.30m.	7h.15m.	h. m.	7h. m.
09 11 10	09 05 15	09 04 05	09 05 20		09 36 20
15 10 20		15 04 25	15 03 25		15 36 20
21 12 05		21 30 15	21 35 20		21 01 25
27 28 05		27 34 20	24 34 15		27 01 15
33 29 05		33 31 20			
39 24 15		39 09 10			

UPPER AIR TEMP ALMÂZA AT G M T ON 22nd.

HEIGHT (feet)	PPP (mb)	TT	tt
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h. ON 22nd

34700 00990 32200 23070 40503 00061
34844 01971 14213 25080 30303 00055

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.

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 .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 AMOUNT (N)
- Clear 0
- Trace 1
- 1 Tenth 2
- 2, 3 Tenths 3
- 4, 5, 6 Tenths 4
- 7, 8 Tenths 5
- 9 Tenths 6
- Over 9 Tenths 7
- Overcast 8
- Fog or Dust 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

ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise h. 06 m. 28
Sunset h. 17 m. 00

MINISTRY OF PUBLIC WORKS
PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month December 1946

At 14h. on Sunday 22nd (الساعة ١٤ يوم ١٢/٢٢)

	STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 8-14 h. mms	STATION NUMBER
MEDITERRANEAN	SALÛM												130
	MATRÛH	00	9	10	2	0	0	—	21.0	22.2	35	0	131
	MARIUT	00	8	07	2	0	2	8	21	22	57	0	150
	ALEXANDRIA	01	9	04	3	2	3	4	21.8	19.8	67	0	132
	DAMIETTA	00	8	30	3	0	0	—	21.1	19.0	66	0	159
	PORT SA'ÎD	00	8	02	3	0	0	—	21.0	20.6	67	0	134
	EL 'ARÎSH	00	9	04	3	0	0	—	20.7	19.8	68	0	135
LOWER EGYPT	DAMANHÛR	00	6	08	3	0	0	—	21.2	21.8	59	0	136
	MANSÛRA	00	8	02	2	0	0	—	21.2	22.0	54	0	137
	TANTA	00	8	32	1	0	0	—	20.7	21.3	58	0	138
	ZAGAZIG												139
	SHEBÎN EL KÔM	00	8	02	2	0	2	8	21.1	21.2	65	0	—
MIDDLE EGYPT	CAIRO ALMÂZA	00	8	02	2	0	0	—	19.9	21.9	73	0	141
	CAIRO EZBEKÎYA	00	8	04	3	0	0	—	20.2	22.6	50	0	—
	CAIRO GÎZA	00	8	02	1	0	0	—	20.6	22.0	59	0	
	HELWÂN	00	8	04	3	0	0	—	19.5	23.0	27	0	143
	SUEZ	00	9	30	1	0	0	—	20.3	22.5	34	0	144
UPPER EGYPT	FAIYÛM	00	8	02	1	0	0	—	19.5	22.4	37	0	153
	MINYA	00	9	02	2	0	0	—	18.8	22.9	29	0	154
	ASYÛT	00	7	22	1	1	0	—	19.1	22.5	40	0	155
	NAG' HAMÂDI	00	8	00	0	0	0	—	18.3	21.0	47	0	164
	QENA	01	8	22	2	2	4	1	17.8	20.8	44	0	156
	LUXOR	01	7	02	3	1	5	1	18.2	25.0	39	0	157
	ASWÂN	02	9	32	1	1	5	1	16.4	25.5	26	0	158
WESTERN DESERT	SÎWA	00	8	00	0	0	0	—	21.1	21.8	32	0	148
	BAHARÎYA	00	9	00	0	0	0	—	18.7	18.0	44	0	149
	KHÂRGA	01	9	02	2	1	4	1	18.8	22.6	25	0	151
	DAKHLA	01	9	28	1	1	4	2	18.7	22.8	31	0	152
RED SEA	TÔR	00	7	28	3	0	0	—	18.3	22.2	57	0	145
	HURGHÂDA	01	8	32	4	1	3	1	17.6	23.7	46	0	146
	QUSEIR	01	8	32	3	1	4	2	18.0	24.2	62	0	147
	PORT SÛDÂN	02	9	04	4	8	5	6	15	28	74	tr	166
NORTH SÛDÂN	WÂDI HALFA	00	8	32	2	0	0	—	15	27	23		165
	KAREIMA	00	8	32	2	0	0	—	13	30	24		168
	'ATBARA	00	8	32	3	0	0	—	10	32	36		167
	KHARTÛM	00	8	32	3	0	0	—	10	32	39		168
	KASSALA	00	8	30	2	0	0	—	7	36	29		170
CENTRAL SÛDÂN	WAD MEDANI	00	7	04	4	0	0	—	8	35	22		171
	RENK	00	8	32	3	0	0	—	8	34	25		182
	ROSEIRES	00	8	04	1	0	0	—	8?	39	20		172
	EL OBEID	00	9	32	3	0	0	—	9	32	13		174
	EL FÂSHER	00	9	32	3	0	3	1	—	30	22		175
	GENEINA	00	8	02	3	0	0	—	—	33	10		179
	KADUGLI												187
S. SÛDÂN	MALAKÂL	01	8	32	3	1	4	4	7	34	25		176
	WÂU	02	8	08	3	1	6	4	8	33	23		177
	JUBA	01	8	32	3	1	4	8,4,1	7	35	25		178

At 20h. on 22nd (الساعة ٢٠ يوم الأحد ٢٢)

	STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 14-20 h. mms
MEDITERRANEAN	SALÛM											
	MATRÛH	00	8	10	1	0	0	—	20.4	15.5	74	0
	MARIUT	00	7	02	2	0	0	—	22	14	95	0
	ALEXANDRIA	00	5	04	2	0	0	—	22.3	17.0	80	0
	DAMIETTA	00	8	02	1	0	0	—	21.4	16.1	87	0
	PORT SA'ÎD	00	8	02	3	0	0	—	21.9	16.5	84	0
	EL 'ARÎSH	00	9	28	2	0	0	—	19.9	13.8	80	0
LOWER EGYPT	DAMANHÛR	00	6	32	2	0	0	—	22.3	14.0	92	0
	MANSÛRA	00	6	02	2	0	0	—	22.2	14.8	87	0
	TANTA	00	8	00	0	0	0	—	21.9	12.6	98	0
	ZAGAZIG	00	6	32	2	0	0	—	22.2	14.8	93	0
	SHEBÎN EL KÔM	00	7	02	2	0	0	—	22.0	15.0	81	0
MIDDLE EGYPT	CAIRO ALMÂZA	00	7	06	1	0	0	—	21.4	15.7	70	0
	CAIRO EZBEKÎYA	00	7	32	1	0	0	—	21.2	16.3	73	0
	CAIRO GÎZA	00	8	00	0	0	0	—	21.6	15.1	81	0
	HELWÂN	00	7	02	4	0	0	—	20.8	16.8	57	0
	SUEZ	00	9	30	1	0	0	—	21.0	17.4	53	0
UPPER EGYPT	FAIYÛM	00	8	02	1	0	0	—	20.2	16.9	68	0
	MINYA	00	8	32	1	0	0	—	19.8	15.0	57	0
	ASYÛT	00	6	20	1	0	0	—	19.9	14.5	62	0
	NAG' HAMÂDI	00	8	00	0	0	0	—	19.0	11.7	91	0
	QENA	01	6	24	2	1	4	1	18.3	15.2	56	0
	LUXOR	00	6	24	1	0	0	—	17.5	15.0	58	0
	ASWÂN	00	9	32	1	0	0	—	17.9	21.0	20	0
WESTERN DESERT	SÎWA	00	9	00	0	0	0	—	20.6	13.2	48	0
	BAHARÎYA	00	9	00	0	0	0	—	19.4	13.3	74	0
	KHÂRGA	00	9	32	1	0	3	1	18.8	18.7	28	0
	DAKHLA	00	9	24	2	1	0	—	19.8	15.5	38	0
RED SEA	TÔR	00	7	28	2	0	0	—	18.6	17.5	47	0
	HURGHÂDA	00	8	28	5	0	0	—	18.6	19.4	58	0
	QUSEIR	00	8	32	2	0	0	—	17.5	21.0	67	0
	PORT SÛDÂN											
NORTH SÛDÂN	WÂDI HALFA											
	KAREIMA											
	'ATBARA											
	KHARTÛM											
	KASSALA											
CENTRAL SÛDÂN	WAD MEDANI											
	RENK											
	ROSEIRES											
	EL OBEID											
	EL FÂSHER											
	GENEINA											
	KADUGLI											
S. SÛDÂN	MALAKÂL											
	WÂU											
	JUBA											

UPPER WINDS ON 22nd (الرياح العليا يوم ٢٢)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ID	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
	12 h. 30 m.	12 h. 30 m.	13 h. m.				13 h. 15 m.	13 h. mm	13 h. m.	13 h. m.	13 h. m.	13 h. m.	12 h. 45 m.
	03 03 05	03 05 15	03 04 35				09 02 35	09 01 25	09 02 20	09 34 10	09 02 20	09 04 20	09 35 10
	06 07 30	06 03 15	06 06 25				15 01 20	15 05 30	15 05 25	15 36 05	15 01 10	15 04 20	15 36 10
	09 08 15	09 04 35	09 04 30				21 34 15	21 04 30	18 05 45	21 05 05	21 03 05	21 04 30	21 36 05
	12 06 15	15 01 20	15 04 25				27 34 15	27 03 20	27 04 05		27 15 05	27 04 35	27 09 10
	15 33 05	21 34 30	21 04 20				33 33 20	33 01 15	33 36 10		33 12 05	33 04 30	33 09 30
	18 30 35	24 31 30					36 31 30	39 35 20					
	24 27 30	30 39 50											
	33 27 55												
	39 26 55												

Remarks

Hours are Egyptian standard time long 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day: Humidity % on 22nd	Humidity Diff from normal	Wet bulb temp °C on 22nd	Wet bulb temp Diff from normal
Alexandria	75	+10	15.0	+2.3
Ezbekîya	75	+6	12.8	+1.6
Gîza	83	+9	13.0	+2.1
Helwân	59	+2	11.8	+1.5

GÎZA	GRASS MINIMUM TEMP °C
ON 23rd	5.3

CAIRO	WATER TEMP RIVER NILE AT 9h. °C
ON 23rd	16.0

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	12				
Nâsser				10.61	+2.01
Malakâl		12.92	+0.96	12.92	+0.96
J. Aulia Res					
J. Aulia D.S					
Roseires		13.34	+0.66	13.36	+0.66
Sennar Res.				20.73	
Khartûm				11.73	+0.24
Kh. el Girba					
'Atbara		11.27	+0.31	11.27	+0.30
Kajnarti				135.01	+0.52
Aswân Res.		119.88	—	119.78	—
Aswân D.S		86.20	+0.01	86.20	+0.01
Roda (Cairo)	23	16.72	+1.52	16.72	+1.25

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	23-12	1504	1563
	22-12	1504	1563

Printed by the Survey of Egypt, 1948 (48/306)

At 8h. on Monday 23rd (الساعة ٨ يوم الاثنين ٢٣) — 1946 شهر ديسمبر

	STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	Yesterday °C MM	MAXIMUM Diff. from norm. °C	Today °C mm	MINIMUM Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
MEDITERRANEAN	SALÛM												—		—				26
	MATRÛH	00	9	16	1	0	0	—	21.5	+3.0	14.4	23	+4	10	0	73	0	30	13
	MARIUT	00	7	05	1	0	1	6	22		14	22	—	11	—	88	0	64	60
	ALEXANDRIA	01	8	12	2	1	3	8	22.3	+3.6	16.8	22	+2	15	+3	81	0	54	88
	DAMIETTA	00	7	06	2	4	0	—	21.5	+3.4	15.1	21	—	12	—	96	0	3	35
	PORT SA'ID	00	8	06	2	0	0	—	22.2	+4.6	16.7	23	+3	12	0	88	0	4	26
	EL 'ARÎSH	00	9	16	3	0	0	—	21.8	+3.0	10.9	23	+3	5	-3	81	0	13	29
LOWER EGYPT	DAMANHÛR	00	7	08	2	0	0	—	22.6	+3.9	12.0	23	+2	10	+1	98	0	50	31
	MANSÛRA	40	3	02	1	4	0	—	21.9	+3.2	10.0	24	+3	9	0	94	0	5	14
	TANTA	40	2	00	0	4	0	—	21.6	+2.5	8.6	22	+1	7	-1	99	0	3	12
	ZAGAZIG	00	6	04	2	0	0	—	21.8	+2.6	10.4	22	+1	6	-2	98	0	tr	9
	SHEBÎN EL KÔM	00	7	02	1	0	0	—	22.0	+2.8	10.1	23	—	7	—	96	0	tr	—
MIDDLE EGYPT	CAIRO ALMAZA	05	6	06	2	0	0	—	21.1	+1.7	12.0	22	—	7	—	65	0	1	—
	CAIRO EZBEKÎYA	08	4	02	2	4	0	—	21.1	+1.7	11.0	24	+4	7	-2	81	0	tr	7
	CAIRO GÎZA	09	5	30	1	0	0	—	21.5	+2.1	8.4	23	+3	7	0	96	0	1	8
	HELWÂN	05	5	32	1	0	0	—	20.4	+0.8	11.8	24	+4	7	-2	58	0	1	7
	SUEZ	00	9	00	0	0	0	—	21.5	+2.9	15.1	24	+3	9	-1	56	0	tr	8
UPPER EGYPT	FAIYÛM	09	6	00	0	4	0	—	21.0	+1.6	12.2	23	+1	7	-1	74	0	tr	2
	MINYA	00	8	12	1	0	0	—	19.6?	-0.2	13.3	24	+4	8	+1	55	0	tr	—
	ASYÛT	00	7	22	1	0	0	—	20.2	+0.2	11.8	24	+3	9	+2	71	0	0	3
	NAG' HAMÂDI	00	8	00	0	0	0	—	20.4	+1.0	12.0	23	—	5	—	52	0	0	—
	QENA	01	7	32	2	1	3	1	18.7	-0.1	11.7	22	-2	7	-1	48	0	0	—
	LUXOR	00	7	10	2	0	0	—	20.0	+0.9	11.2	25	-0	5	-2	61	0	0	—
	ASWÂN	00	9	00	0	0	0	—	19.2	+0.3	15.0	26	+1	12	+1	49	0	0	—
WESTERN DESERT	SÎWA	00	7	00	0	0	0	—	21.4	+0.8	6.8	23	+2	2	-3	60	0	0	4
	BAHARÎYA	00	9	00	0	0	0	—	20.2	0.0	11.4	19	-2	7	+2	71	0	0	3
	KHÂRGA	00	9	32	1	0	3	1	20.2	+1.0	10.8	23	0	5	-2	50	0	0	—
	DAKHLA	01	8	00	0	1	3	3	20.7	+0.3	8.9	26	+4	6	0	52	0	0	—
RED SEA	TÔR	00	7	04	3	0	0	—	19.9	+2.0	13.3	22	0	8	-2	44	0	0	6
	HURGHÂDA	00	8	26	3	0	0	—	18.7	+1.0	15.2	24	+1	10	-1	32	0	0	3
	QUSEIR	00	8	28	3	0	0	—	18.0	+0.5	17.6	25	+1	16	+1	58	0	0	4
	PORT SÛDÂN	01	9	30	4	1	4	6	16		24					84	tr	138	77
NORTH SÛDÂN	WÂDI HALFA	00	8	00	0	0	0	—	18		13					51	0	tr	—
	KAREIMA																0	tr	1
	'ATBARA	00	7	32	3	0	0	—	15		22					65	0	tr	2
	KHARTÛM	00	8	32	3	0	0	—	14		21					50	tr	2	4
	KASSALA	00	8	02	3	0	0	—	11		25					65	0	1	8
CENTRAL SÛDÂN	WAD MEDANI	00	9	02	3	0	0	—	12		21					57	0	15	12
	RENK	00	8	28	2	0	0	—	10?		22		—		—	53	—	—	49
	ROSEIRES	00	8	24	1	0	0	—	11		23					53	0	21	36
	EL OBEID	00	9	32	3	0	0	—	14		21					23	0	69	16
	EL FÂSHER	00	9	30	1	0	0	—	—	—	12					44	0	4	6
	GENEINA								—	—			—		—		—	—	4
	KADUGLI	00	8	04	4	0	0	—	22		31		—		—	11	—	—	89
S. SÛDÂN	MALAKÂL	00	8	02	3	0	0	—	11		25					36	0	112	88
	WÂU	02	8	00	0	1	5	2	11		19					64	0	159	143
	JUBA	01	8	05	1	1	4	4	11		25					70	0	212	139

UPPER WINDS ON 23rd (الرياح العليا يوم ٢٣)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ID	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	7 h. 15 m.	7 h. 15 m.	h. m.	6 h. m.
					03 31 05			09 03 25	09 06 40		09 05 50
					05 07 15			15 04 20	15 03 30		15 05 25
					10 00 00			21 36 25	21 01 30		21 03 20
					15 18 05			27 34 10	27 02 20		27 02 15
					20 19 05			33 01 20	33 13 25		33 02 20
								39 32 10	39 23 25		36 30 05

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	7 h. m.	7 h. m.	7 h. m.	h. m.	7 h. m.
	09 07 15	09 03 45	09 01 20		09 03 45
		15 05 45	15 06 15		15 04 45
		21 08 30	21 05 20		21 04 45
		27 07 15	27 06 20		27 03 30
		33 29 05			33 04 30
		39 05 30			39 04 45

UPPER AIR TEMP ALMÂZA AT 66 GMT ON 23rd HEIGHT feet	PPP m.b.	TT °C	tt °C
Surface	1012	48	47
500	994	57	51
1000	976	59	51
1500	958	61	49
2000	941	66	49
4000	874	59	44
6000	812	51	39
8000	752	41	32
10000	696	34	30
12000	644	31	26
14000	595	28	21
16000	54[illegible]	16	14

CYPRUS SYNOPTIC 9h. ON 23rd
36854 01951 10104 25080 62305 97061.

ANNUAL SUBSCRIPTION P.T. 150

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

CAIRO
Time of Sunrise h. 06 m. 48
Sunset h. 17 m. 01

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month DECEMBER 1946 — شهر ديسمبر ١٩٤٦

At 14h. on MONDAY 23rd — الساعة ١٤ يوم الاثنين ٢٣

STATION	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	Temp. °C (ttt)	% Humidity (uu)	Rain 8-14 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	01	9	22	3	0	3	8	18.8	20.2	49	0
MARIUT	00	8	04	3	0	2	8,1	19	21	65	0
ALEXANDRIA	01	9	06	4	2	3	1	19.2	21.9	59	0
DAMIETTA	00	8	08	3	1	2	8	19.4	19.5	76	0
PORT SA'ÎD	00	8	04	3	0	0	—	19.6	19.0	67	0
EL 'ARÎSH	00	9	04	3	0	0	—	19.9	19.9	47	0
LOWER EGYPT											
DAMANHÛR	00	7	12	3	0	0	—	18.3	21.8	20	0
MANSÛRA	01	8	02	2	1	3	8	19.4	22.0	61	0
TANTA	00	8	04	2	0	0	—	18.8	21.0	64	0
ZAGAZIG	00	6	32	6	0	0	—	18.0	21.0	41	0
SHEBÎN EL KÔM	00	8	04	2	0	0	—	18.7	22.1	54	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	8	02	3	0	0	—	17.1	23.6	39	0
CAIRO EZBEKÎYA	00	8	04	3	0	0	—	18.0	23.9	28	0
CAIRO GÎZA	00	8	02	3	0	0	—	17.9	23.8	41	0
HELWÂN	00	8	06	4	0	0	—	16.6	25.7	13	0
SUEZ	00	9	30	1	0	0	—	18.2	22.3	38	0
UPPER EGYPT											
FAIYÛM	00	8	00	0	0	2	1	17.1	23.8	33	0
MINYA	00	9	32	2	1	2	1	16.7	23.4	24	0
ASYÛT	00	7	22	1	0	0	—	17.0	21.8	45	0
NAG' HAMÂDI	00	8	00	0	0	0	—	16.6	22.7	41	0
QENA	01	8	24	2	1	3	1	15.9	22.0	44	0
LUXOR	01	7	30	2	1	3	3	17.0	25.6	38	0
ASWÂN	01	9	28	1	1	3	1	14.3	27.0	12	0
WESTERN DESERT											
SÎWA	00	8	12	3	0	0	—	18.6	20.8	43	0
BAHARÎYA	00	9	00	0	0	0	—	17.4	18.5	46	0
KHÂRGA	01	9	02	1	1	3	1	16.0	25.0	22	0
DAKHLA	01	9	28	2	1	3	3	16.3	24.2	13	0
RED SEA											
TÔR	00	7	28	3	0	0	—	17.0	23.5	62	0
HURGHADA	00	8	02	3	0	0	—	15.9	24.1	45	0
QUSEIR	00	8	32	3	0	0	—	15.5	23.6	74	0
PORT SÛDÂN	01	9	04	4	8	4	8	13	27	84	dr
NORTH SÛDÂN											
WÂDI HALFA	00	8	02	3	0	0	—	13	28	23	
KAREIMA	00	8	04	1	0	0	—	10	30	22	
'ATBARA	00	8	30	2	0	0	—	9	32	29	
KHARTÛM	00	8	02	4	0	0	—	8	33	26	
KASSALA	00	8	02	3	0	0	—	6	35	35	
CENTRAL SÛDÂN											
WAD MEDANI	00	8	32	3	0	0	—	6	34	20	
RENK	00	8	28	2	0	0	—	6	33	26	
ROSEIRES	00	8	34	1	0	0	—	6	38	21	
EL OBEID	00	9	02	3	0	0	—	8	33	14	
EL FÂSHER	00	9	04	3	0	0	—	—	31	26	
GENEINA	00	8	04	3	0	0	—	—	32	22	
KADUGLI	01	8	04	1	0	3	1	6	36	15	
S. SÛDÂN											
MALAKÂL	01	8	02	3	0	4	1	6	35	23	
WÂU	01	8	06	3	1	4	2	6	34	23	
JUBA	01	8	26	2	1	3	8,4	6	35	30	

At 20h. on 23rd — الساعة ٢٠ يوم الاثنين ٢٣

STATION	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	Temp. °C (ttt)	% Humidity (uu)	Rain 14-20 mms	Station Number
SALÛM												130
MATRÛH	00	8	18	1	0	0	—	18.7	15.2	69	0	131
MARIUT	00	7	06	2	0	0	—	18	15	94	0	150
ALEXANDRIA	00	5	10	3	0	0	—	18.8	15.5	93	0	132
DAMIETTA	00	8	06	3	1	0	—	19.0	16.5	84	0	159
PORT SA'ÎD	00	8	04	2	0	0	—	19.1	16.3	89	0	134
EL 'ARÎSH	00	9	02	3	0	0	—	19.1	12.1	84	0	135
DAMANHÛR	00	7	32	2	0	0	—	19.6	13.7	91	0	136
MANSÛRA	00	6	02	2	1	0	—	19.0	14.6	83	0	137
TANTA	00	8	00	0	0	0	—	18.8	12.2	96	0	138
ZAGAZIG	00	6	32	2	0	0	—	18.7	14.0	80	0	139
SHEBÎN EL KÔM	00	7	04	1	0	0	—	18.7	14.1	79	0	—
ALMÂZA	00	7	06	2	0	0	—	17.7	16.2	53	0	141
EZBEKÎYA	00	6	02	2	0	0	—	18.2	16.4	47	0	—
GÎZA	00	8	30	1	0	0	—	17.9	12.0	79	0	—
HELWÂN	00	7	06	5	0	0	—	17.1	18.1	30	0	143
SUEZ	00	9	30	1	0	0	—	17.5	19.3	39	0	144
FAIYÛM	00	8	32	1	0	0	—	17.2	13.4	72	0	153
MINYA	00	8	30	1	0	0	—	16.8	14.7	58	0	154
ASYÛT	00	6	32	1	0	0	—	17.0	15.7	53	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	16.7	15.0	81	0	164
QENA	00	6	24	2	1	0	—	16.2	16.0	73	0	156
LUXOR	00	6	08	2	0	0	—	16.8	15.0	49	0	157
ASWÂN	00	9	00	0	0	0	—	15.8	21.6	15	0	158
SÎWA	—	—	00	0	0	0	—	16.7	11.0	68	0	148
BAHARÎYA	00	—	00	0	0	0	—	18.2	12.0	76	0	149
KHÂRGA	00	9	32	1	0	0	—	17.5	13.0	55	0	151
DAKHLA	01	8	16	2	1	4	3	17.0	17.3	19	0	152
TÔR	00	7	28	2	0	0	—	16.7	16.2	65	0	145
HURGHADA	00	8	30	3	0	0	—	16.4	15.7	89	0	146
QUSEIR	00	8	32	2	0	0	—	16.0	20.7	69	0	147
PORT SÛDÂN												[illegible]
WÂDI HALFA												165
KAREIMA												166
'ATBARA												167
KHARTÛM												[illegible]
KASSALA												170
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FÂSHER												175
GENEINA												179
KADUGLI												187
MALAKÂL												176
WÂU												177
JUBA												178

UPPER WINDS ON 23rd — الرياح العليا يوم ٢٣

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ID	ALMÂZA	MINYA	LUXOR	HURGHADA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	18h. 15m.	13h. m.	13h. m.	13h. m.	13h. m.	13h. m.	13h. m.
12 30													
	03 07 30						09 05 20	09 03 20	09 04 45	09 02 15	09 13 15	09 36 25	09 24 20
	06 08 35						15 02 20	15 02 45	15 05 50	15 01 10	15 03 30	15 03 35	15 26 35
	09 10 30						21 35 20	21 36 10	21 03 55	21 04 05	21 06 35	21 34 35	21 27 20
	12 12 15						27 36 15	27 32 10	24 35 20	27 06 15	27 36 10	27 05 10	
	15 17 10						33 35 20		27 36 45	33 07 20	33 36 15	33 15 20	
	18 20 40										39 01 30	39 08 40	
	21 27 20												
	24 20 15												

Remarks

Hours are Egyptian standard time, long 30° E and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	24th	1504	1563
	23rd	1504	1563

STATION	Mean of day Humidity % on 23rd	Humidity Diff from normal	Wet Bulb Temp °C on 23rd	Wet Bulb Temp Diff from normal
Alexandria	82	+17	15.6	+2.9
Ezbekîya	57	-12	11.6	+0.4
Gîza	81	+7	11.5	+0.7
Helwân	39	-18	10.5	+0.2

GÎZA — GRASS MINIMUM TEMP. ON 24th 2.9° C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 24th 16.0° C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	24th			13.01	-0.44
Nâsser				10.60	+2.07
Malakâl		12.92	+0.99	12.92	+0.96
J. Aulia Res.				377.09	—
J. Aulia D.S				372.56	+0.33
Roseires		13.32	+0.67	13.34	+0.66
Sennar Res.				—	
Khartûm				11.70	+0.22
Kh. el Girba				—	
'Atbara		11.26	+0.31	11.27	+0.31
Kajnarti		134.93	+0.48	134.98	+0.50
Aswân Res.		119.96	—	119.88	—
Aswân D.S		86.20	+0.01	86.20	+0.01
Roda (Cairo)		16.74	+1.44	16.77	+1.39

Printed by the Survey of Egypt, 1946 (49/306)

At 8h. on TUESDAY 24th — الساعة ٨ يوم الثلاثاء ٢٤

STATION	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Pressure M.S.L. 1000+ mbs. (ppp)	Diff. from normal mbs.	Temp. Dry Bulb °C (ttt)	Maximum Yesterday °C (mm)	Maximum Diff. from norm. °C	Minimum Today °C (mm)	Minimum Diff. from norm. °C	% Humidity (uu)	Rainfall Past 24 hrs mms.	Total From Oct. 1 mms.	Norm. From Oct. 1 mms.
MEDITERRANEAN																		
SALÛM												—		—				37
MATRÛH	02	8	14	1	2	6	8	13.4	-5.1	15.0	21	+2	11	+1	52	0	30	64
MARIUT	02	7	08	1	0	6	4,4	17		12	22	—	10	—	88	0	64	61
ALEXANDRIA	02	8	16	2	1	6	9	17.0	-1.8	12.9	23	+3	12	0	83	0	54	82
DAMIETTA	03	7	10	3	2	8	9	16.4	-1.7	16.0	21	—	15	—	84	0	3	35
PORT SA'ÎD	03	7	10	3	2	8	6	17.0	-0.6	15.7	20	0	15	+4	84	0	4	27
EL 'ARÎSH	13	9	10	3	2	8	5	17.9	-0.9	11.3	22	+2	6?	-2	67	0	13	29
LOWER EGYPT																		
DAMANHÛR	02	4	12	2	2	6	5			12.0	22	+1	10	+1	83	0	50	32
MANSÛRA	03	4	12	2	2	8	6	16.0	-2.7	11.8	23	+2	11	+2	78	0	5	14
TANTA	03	7	08	1	2	8	7	16.3	-2.8	11.6	21	0	8	0	79	0	3	12
ZAGAZIG	13	6	08	2	3	7	7	16.4	-2.8	11.2	22	+1	10	+2	71	0	dr.	9
SHEBÎN EL KÔM	02	7	14	1	2	5	9	16.8	-2.4	11.2	23	—	11	—	78	0	dr.	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	00	0	1	5	4,1	16.1	-3.3	12.1	24	—	9	—	63	0	1	—
CAIRO EZBEKÎYA	08	4	00	0	4	5	4	16.6	-2.8	12.2	26	+6	9	0	84	0	dr.	7
CAIRO GÎZA	09	6	00	0	2	5	4	16.4	-3.0	9.2	24	+4	6	-1	93	0	1	8
HELWÂN	05	5	00	0	2	6	1	16.2	-3.4	14.2	26	+7	10	+1	44	0	1	7
SUEZ	02	9	00	0	2	5	9	17.8	-0.9	14.9	24	+3	9	-1	63	0	dr.	8
UPPER EGYPT																		
FAIYÛM	02	8	00	0	2	6	6	16.7	-2.7	12.0	26	+4	8	+1	65	0	dr.	2
MINYA	02	8	30	1	2	6	4	17.5	-2.3	10.6	24	+4	8	+1	68	0	dr.	—
ASYÛT	01	7	12	1	1	4	4	18.0	-2.1	13.1	25	+4	8	+1	34	0	0	3
NAG' HAMÂDI	00	8	00	0	0	0	—	17.9	-1.5	13.7	23	—	5	—	62	0	0	—
QENA	00	7	32	2	0	0	—	17.8	-1.0	12.8	23	-1	8	0	49	0	0	—
LUXOR	00	7	06	2	0	0	—	18.6	-0.5	15.0	27	+2	6	-1	58	0	0	—
ASWÂN	00	9	00	0	0	0	—	16.0	-2.9	17.3	28	+3	13	+2	41	0	0	—
WESTERN DESERT																		
SÎWA	03	7	00	0	2	8	4	14.8	-5.8	12.0	21	0	4	-1	65	0	0	4
BAHARÎYA	00	9	32	1	0	0	—	19	-3.0	11.5	19	-1	8	+3	70	0	0	4
KHÂRGA	00	9	34	1	0	0	—	17.1	-2.1	12.0	27	+4	5	-2	45	0	0	—
DAKHLA	01	8	14	2	1	4	3	18.3	-2.1	9.9	26	+4	5	-1	38	0	0	—
RED SEA																		
TÔR	00	7	04	3	0	0	—	18.0	+0.1	15.5	27	+5	8	-2	38	0	0	6
HURGHADA	00	8	28	1	0	0	—	17.4	-0.4	15.1	25	+2	8	-3	43	0	0	3
QUSEIR	01	8	30	2	1	3	4	16.1	-0.9	18.8	25	+1	16	+1	52	0	0	4
PORT SÛDÂN																		
NORTH SÛDÂN																		
WÂDI HALFA	00	8	12	1	0	1	1	16		13					38	0	dr.	—
KAREIMA	00	8	08	1	0	0	—	14		19					37	0	dr.	1
'ATBARA	00	8	02	3	0	0	—	14		22					69	0	dr.	2
KHARTÛM																0	2	4
KASSALA	00	8	00	0	0	0	—	10		25					54	0	1	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	8	02	3	0	0	—	11		22					61	0	15	12
RENK	00	8	29	4	0	0	—	13		23		—		—	53	—	—	49
ROSEIRES	00	8	28	1	0	0	—	12		22					53	0	21	36
EL OBEID	00	8	30	3	0	2	1	13		19					40	0	69	16
EL FÂSHER	00	9	32	1	0	1	1	—	—	13					47	0	4	6
GENEINA	00	8	03	2	0	0	—	—	—	14		—		—	32	—	—	4
KADUGLI	00	8	28	3	0	0	—	10		28		—		—	15	—	—	89
S. SÛDÂN																		
MALAKÂL	00	8	30	2	0	0	—	11		24					38	0	112	88
WÂU	00	8	00	0	0	0	—	11		21					74	0	159	143
JUBA	05	7	12	1	1	5	8,4	11		25					70	0	212	140

UPPER WINDS ON 24th — الرياح العليا يوم ٢٤

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ID	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	h. m.	h. m.	7h. m.	h. m.	7h. m.	h. m.	h. m.	h. m.	h. m.
					02 09 10		02 02 05				
					05 14 10		05 09 15				
					10 15 15		10 09 15				
					15 16 05		15 05 10				
							20 02 15				
							25 34 25				
							30 34 70				
							40 35 60				
							45 31 60				

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	h. m.	h. m.	7h. 15m.	7h. m.	h. m.
			09 02 15	09 06 25	
			15 07 20	15 08 45	
			21 10 20	21 09 40	
			27 10 15	27 08 40	
			33 09 25		
			36 11 35		

CYPRUS SYNOPTIC 8h. ON 24th

34 03 01690 08005 20130 96300 00060
34853 01994 10214 22100 79001

UPPER AIR TEMP. ALMÂZA AT GMT ON 24th

HEIGHT FEET	PPP m.b.	TT °C	t °C
Surface	1007	57	48
500	990	70	54
1000	971	72	55
1500	953	72	54
2000	936	70	53
4000	870	63	47
6000	807	57	43
8000	748	50	38
10000	692	40	34
12000	640	31	28
14000	592	24	24
16000	[illegible]		

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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	27-38	5
Strong	39-44	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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Time of Sunrise h. m. 06 49
Sunset h. m. 17 01

Month DECEMBER 1946 — شهر ديسمبر ١٩٤٦

At 14h. on TUESDAY 24th (الساعة ١٤ يوم الثلاثاء ٢٤) — At 20h. on 24th (الساعة ٢٠ يوم الثلاثاء ٢٤)

Station	14h Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 mms	20h Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20 mms	Station number
Mediterranean																							
Salûm																							130
Matrûh	01	9	24	2	0	4	8	12.0	22.8	20	0	00	8	24	2	0	0	—	15.2	14.6	39	0	131
Mariut	00	8	04	3	0	2	8,1	19	21	65	0	00	7	06	2	0	0	—	18	15	94	0	150
Alexandria	02	9	20	3	2	5	9	13.1	23.0	34	dr.	00	5	22	2	0	0	—	13.6	19.4	40	0	132
Damietta	02	8	12	3	2	5	9	13.9	20.0	52	0	00	7	12	2	1	2	6	13.9	14.8	83	0	159
Port Sa'îd	02	8	12	3	2	6	5	14.2	19.8	54	0	00	8	14	2	0	0	—	14.2	16.6	66	0	134
El 'Arîsh	13	9	16	3	2	8	4	15.2	18.2	45	0	01	9	12	4	1	4	4	14.4	13.8	79	0	135
Lower Egypt																							
Damanhûr	01	7	12	2	5	4	5	13.1	20.8	68	dr.	00	6	16	4	1	0	—	13.4	14.0	73	0	136
Manṣûra	01	8	08	2	1	4	6	14.0	19.2	57	0	00	6	28	1	1	0	—	14.3	15.6	62	0	137
Ṭanṭa	01	8	24	1	1	4	8	13.4	21.0	65	0	01	8	24	4	1	3	8	13.4	12.4	87	0	138
Zagazig	02	6	16	2	2	6	8	14.0	22.5	51	0	00	6	32	2	1	0	—	14.8	16.6	61	0	139
Shebîn el Kôm	01	8	14	2	2	5	8	13.9	22.9	43	0	00	7	14	1	0	0	—		17.1	46	0	—
Middle Egypt																							
Cairo: Almâza	01	8	20	2	1	4	4,5	13.9	26.2	13	0	00	7	20	2	1	2	1	14.6	19.6	27	0	141
Cairo: Ezbekîya	02	7	14	2	1	5	8	14.8	25.0	28	0	00	6	00	0	0	2	4	16.2	18.0	48	0	—
Cairo: Gîza	01	7	14	2	1	5	8	14.6	25.2	42	0	00	8	00	0	0	0	—	15.6	15.0	60	0	—
Helwân	01	7	16	2	1	5	4	14.8	23.8	26	0	01	7	14	2	1	5	4	15.1	20.3	29	0	143
Suez	00	9	00	0	0	0	—	15.4	22.2	49	0	00	9	30	1	0	0	—	16.0	19.4	53	0	144
Upper Egypt																							
Faiyûm	01	8	22	1	2	4	6	15.5	24.0	34	0	01	8	02	1	2	4	6	15.1	15.8	61	0	153
Minya	01	8	12	2	1	4	4	14.8	25.3	38	0	00	6	08	1	1	0	—	15.4	18.2	42	0	154
Asyûṭ	01	8	12	1	1	4	5	15.2	24.3	45	0	00	6	08	1	1	0	—	16.6	14.8	72	0	155
Nag' Hamâdi	00	8	00	0	0	0	—	15.2	25.0	39	0	00	8	00	0	0	0	—	16.3	16.0	89	0	164
Qena	00	8	24	1	0	0	—	14.7	24.8	29	0	00	6	24	1	0	0	—	15.5	17.6	51	0	156
Luxor	00	7	02	2	0	0	—	15.0	27.5	30	0	00	6	06	2	0	0	—	16.0	17.0	61	0	157
Aswân	00	9	28	1	0	0	—	13.5	28.7	25	0	00	9	32	1	0	0	—	15.5	23.4	31	0	158
Western Desert																							
Sîwa	02	8	28	4	1	5	3	15.5	20.8	37	0	00		00	0	0	0	—	17.9	15.0	39	0	148
Baharîya	00	9	32	1	0	0	—	16.3	17.0?	52	0	01	—	00	0	1	4	—		12.0	76	0	149
Khârga	01	9	10	1	1	5	1	13.8?	27.0	29	0	00	9	00	0	0	0	—	16.3	12.0	44	0	151
Dakhla	01	9	32	2	1	3	3	14.8	28.4	16	0	01	8	30	2	1	3	3	16.2	21.3	18	0	152
Red Sea																							
Tôr	00	7	28	2	0	0	—	16.4	24.9	63	0	00	7	28	2	0	0	—	16.4	17.5	50	0	145
Hurghâda	00	8	04	1	0	0	—	15.1	26.2	56	0	00	8	00	0	0	0	—	16.0	17.2	79	0	146
Quṣeir	00	8	32	2	0	0	—	15.4	25.2	74	0	00	8	02	2	0	0	—	16.0	22.2	79	0	147
Port Sûdân	01	9	06	3	1	4	8	12	28	79													188
North Sûdân																							
Wâdi Halfa	00	8	32	2	0	1	—	12	29	25													165
Kareima	00	8	04	1	0	0	—	9	31	31													166
'Atbara	00	8	04	4	0	0	—	8	33	23													167
Khartûm	00	8	04	4	0	0	—	7	34	29													169
Kassala	00	8	30	2	0	0	—	4	37	25													170
Central Sûdân																							
Wad Medani	00	8	32	4	0	0	—	6	34	20													171
Renk	00	8	28	3	0	0	—	6	35	25													182
Roseires	00	8	28	1	0	0	—	6	38	21													172
El Obeid																							174
El Fâsher	00	9	04	3	0	0	—	—	31	26													175
Geneina	00	8	04	2	0	0	—	—	35	07													179
Kadugli	00	8	12	1	0	0	—	7	36	27													187
S. Sûdân																							
Malakal	00	8	08	2	0	0	—	5	37	17													176
Wâu	00	8	08	4	0	2	8	6	36	19													177
Juba	05	7	09	3	1	4	4,5	4	37	24													178

Upper Winds on 24th (الرياح العليا يوم ٢٤)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh	Mariut (12h. 30m.)	Port Sa'îd (11h. 45m.)	Almâza	Minya	Luxor	Hurghâda	Wâdi Halfa (13h. 45m.)	Kareima (13h.)	Khartûm	Kassala (13h.)	El Obeid	Malakal (13h. 45m.)	Juba (12h. 45m.)
	03 17 45	03 17 30					09 05 15	09 04 30		09 36 10		09 04 20	09 01 05
	06 18 75	06 16 30					15 03 20	15 05 45		15 36 10		15 07 30	15 05 20
	09 20 75	09 15 15						27 03 20		21 29 05		21 06 20	21 06 25
		12 15 15						33 02 30					
		15 15 15											
		18 01 30											
		21 07 40											

Remarks

Hours are Egyptian standard time, long 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 24th	Diff from normal	Wet bulb temp °C on 24th	Diff from normal
Alexandria	56	-9	12.8	+0.2
Ezbekîya	59	-10	12.7	+1.6
Gîza	70	-4	12.4	+1.6
Helwân	31	-26	10.9	+0.6

GÎZA — Grass minimum temp on 25th 3.9 °C

CAIRO — Water temp. River Nile at 8h. on 25th 16.1 °C

Discharges at Aswân measured by sluices m³ per sec. Date	1946	1945
25th	1504	1630
24th	1504	1563

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	25th				
Nâṣser				10.58	+2.18
Malakâl		12.92	+1.01	12.92	+0.99
J. Aulia Res.				377.02	—
J. Aulia D.S.				372.54	+0.32
Roseires		13.28	+0.66	13.32	+0.67
Sennar Res.				20.73	—
Khartûm				11.66	+0.20
Kh. el Girba					
'Atbara				11.26	+0.31
Kajnarti				134.93	+0.48
Aswân Res.		120.04	—	119.96	—
Aswân D.S.		86.19	0.00	86.20	+0.01
Roda (Cairo)		16.51	+1.31	16.74	+1.44

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on WEDNESDAY 25th (الساعة ٨ يوم الأربعاء ٢٥)

Station	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C	Max. Diff. from norm. °C	Minimum Today °C	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Norm from Oct. 1 mms.
Mediterranean																		
Salûm												—		—				37
Matrûh	00	9	22	2	0	0	—	19.1	+0.5	12.8	23	+4	11	+1	72	0	30	65
Mariut	02	8	21	2	1	6	6,2	18		13	22	—	13	—	82	0	64	62
Alexandria	01	8	14	1	1	4	8	18.0	-0.8	15.1	24	+4	13	+1	75	dr.	54	84
Damietta	01	5	20	3	1	4	4	17.9	-0.2	12.2	21	—	10	—	89	0	3	36
Port Sa'îd	14	7	18	5	3	3	4	18.4	+0.8	14.8	21	+1	14	+3	83	0	4	27
El 'Arîsh	02	9	20	4	1	6	4	18.3	-0.5	16.1	—	—	11	+3	77	0	13	30
Lower Egypt																		
Damanhûr	01	6	24	3	1	5	5	18.6	-0.1	10.8	24	+3	10	+1	75	dr.	50	32
Manṣûra	01	8	12	1	1	4	0	18.6	-0.1	11.0	21	0	9	0	87	0	5	15
Ṭanṭa	01	8	20	1	1	5	8	18.6	-0.5	11.4	23	+2	9	+1	73	0	3	12
Zagazig	01	6	20	2	2	4	8	19.0	-0.2	10.9	23	+3	9	+2	89	0	dr.	9
Shebîn el Kôm	01	8	22	1	0	3	4	19.5	+0.3	11.1	25	—	8	—	72	0	dr.	
Middle Egypt																		
Cairo: Almaza	01	7	00	0	0	4	1	19.6	+0.2	12.8	27	—	10	—	60	0	1	—
Cairo: Ezbekîya	05	7	00	0	0	0	—	20.2	+0.8	13.4	27	+7	11	+2	70	0	dr.	8
Cairo: Gîza	09	7	14	1	1	8	2	19.8	+0.3	13.0	26	+6	7	0	80	0	1	9
Ḥelwân	05	5	00	0	1	4	1	20.3	+0.7	12.5	24	+5	11	+2	77	0	1	7
Suez	00	9	02	1	0	0	—	20.4	+1.7	14.8	26	+5	9	+1	78	0	dr.	8
Upper Egypt																		
Faiyûm	08	4	00	0	4	4	2	19.9	+0.5	13.2	24	+2	9	+2	67	0	dr.	2
Minya	02	8	28	1	2	5	2	19.9	+0.1	11.8	26	+6	9	+2	48	0	dr.	—
Asyûṭ	01	7	22	1	1	4	5	20.4	+0.3	11.8	27	+6	10	+3	45	0	0	3
Nag' Hamâdi	00	8	00	0	0	0	—	19.4	-0.1	13.7	28	—	8	—	81	0	0	—
Qena	01	7	24	1	0	4	3	18.8	0.0	13.4	26	+3	9	+1	59	0	0	—
Luxor	01	7	30	2	1	4	2	19.2	+0.1	17.6	28	[illegible]	9	[illegible]	65	0	0	—
Aswân	01	9	04	1	1	4	1	18.4	-0.5	17.4	30	+6	15	+4	45	0	0	—
Western Desert																		
Sîwa	02	7	00	0	1	6	5	21.0	+0.4	7.7	21	0	4	-1	60	0	0	4
Baharîya	00	9	24	1	0	0	—	19.5	-0.7	11.5	18?	-2	7	+2	70	0	0	4
Khârga	01	9	08	1	1	4	1	19.4	+0.2	14.2	28	+5	9	+2	53	0	0	—
Dâkhla	02	8	24	2	2	6	1	20.8	+0.4	13.6	29	+7	10	+4	38	0	0	—
Red Sea																		
Tôr	00	7	04	3	0	0	—	18.3	+0.4	17.8	28	+6	11	+1	49	0	0	6
Hurghâda	01	8	26	1	1	3	1	16.8	-1.0	16.7	28	+5	11	0	49	0	0	3
Quseir	00	8	28	2	1	3	1	16.7	-0.8	18.7	26	+2	17	+2	57	0	0	4
Port Sûdân	02	8	14	4	1	5	6	16		27					74	0	138	78
North Sûdân																		
Wâdi Ḥalfa	00	8	32	1	0	0	—	17		17					52	0	dr.	—
Kareima	00	8	08	2	0	0	—	15		21					47	0	dr.	1
'Aṭbara	00	8	32	3	0	0	—	13		22					69	0	dr.	2
Khartûm																0	2	4
Kassala	00	8	00	0	0	0	—	11		23					69	0	1	8
Central Sûdân																		
Wad Medani	00	8	04	4	0	0	—	12		23					53	0	15	12
Renk	00	8	02	4	0	0	—	12		22		—		—	44	—	—	49
Roseires	00	8	32	1	0	0	—	12		21					57	0	21	36
El Obeid	00	9	30	2	0	0	—	12		21					44	0	69	16
El Fâsher	01	9	30	1	0	4	2	—	—	15					42	0	4	6
Geneina								—	—			—		—		—	—	4
Kadugli	00	8	28	3	0	0	—	9		28		—		—	29	—	—	89
S. Sûdân																		
Malakâl	00	8	02	2	0	3	—	11		26					45	0	112	88
Wâu	01	8	32	2	1	4	4	12		21					69	0	159	143
Juba	00	8	16	3	0	0	—	11		24					61	0	212	140

Upper Winds on 25th (الرياح العليا يوم ٢٥)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Maṭrûḥ	Mariuṭ	Port Sa'îd	Helwân (8h. 30m.)	Minya	Asyûṭ (7h.)	Luxor	Aswân (7h.)	Wâdi Halfa (7h. 30m.)	Abu Hamad (7h.)	Kareima (7h.)	Khartûm (6h.)
			02 11 02		02 33 20		02 02 10	09 05 25	09 05 35	09 07 50	09 03 30
			05 36 10		05 36 20		05 03 05	15 05 40	15 03 40	15 03 20	15 04 30
			08 35 20		10 29 15		10 04 05	21 04 35	21 03 40	21 35 15	21 02 25
			10 27 30		15 26 20			27 01 30	27 35 25	27 30 10	27 02 15
			15 29 65					33 03 30		33 34 15	30 32 10
			19 26 65					39 03 15			39 30 10
											45 34 20

Kassala (7h. 15m.)	Port Sûdân (7h.)	El Obeid (7h.)	El Fâsher (7h.)	Geneina	Malakal (7h. 15m.)
09 33 15	09 07 25	09 03 50	09 27 10		09 05 30
15 26 02	15 11 25	15 06 40	15 04 40		15 03 75
21 21 20	21 11 20	21 05 20	21 07 20		21 03 60
27 21 15	27 11 20	27 35 10	24 08 15		
39 03 10					

CYPRUS SYNOPTIC 8h. ON 25th

34744 02878 28128 14170 90500 00090
34850 02875 14217 17110 71305 00071

Upper Air Temp. Almâza at 6h. G.M.T. on 25th

Height feet	P.P.P. m.b.	TT °F	td °F
Surface	1009	53	51
500	991	57	51
1000	973	56	53
1500	955	56	52
2000	938	53	51
4000	871	60	44
6000	808	55	43
8000	750	56	37
10000	694	45	33
12000	641	36	30
14000	592	26	14
16000	546	18	17

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.

ANNUAL SUBSCRIPTION P.T. 150

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 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 Amount (N)

- Clear 0
- Trace 1
- 1 Tenth 2
- 2, 3 Tenths 3
- 4, 5, 6 Tenths 4
- 7, 8 Tenths 5
- 9 Tenths 6
- Over 9 Tenths 7
- Overcast 8
- Fog or Dust 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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

CAIRO
Time of Sunrise 06 h. 49 m.
Sunset 17 h. 02 m.

Month December 1946 — شهر ديسمبر ١٩٤٦

At 14h. on Wednesday 25th (الساعة ١٤ يوم الأربعاء ٢٥) — At 20h. on 25th (الساعة ٢٠ يوم الأربعاء ٢٥)

STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
Mediterranean																							
Salûm																							130
Matrûh	02	9	34	2	2	7	8	18.4	19.2	63	0	01	8	00	0	0	3	8	19.5	16.4	75	0	131
Mariut	02	7	22	3	2	5	8,4	18	19	73	0	00	7	00	0	2	1	6	19	14	88	0	150
Alexandria	02	8	24	3	2	6	9	18.8	18.0	80	0	01	5	00	0	2	3	8	19.6	17.0	80	0	132
Damietta	02	8	20	3	1	5	6	17.5	20.4	60	0	01	7	20	2	1	3	6	18.7	17.0	82	0	159
Port Sa'îd	01	7	20	3	1	4	1	18.3	20.4	59	0	01	7	30	2	1	4	5	19.4	17.2	83	0	134
El 'Arîsh	01	9	28	4	1	4	4	18.0	20.3	63	0	00	9	22	2	0	0	—	19.0	15.2	89	0	135
Lower Egypt																							
Damanhûr	02	7	24	3	1	5	4	18.6	20.8	60	0	00	7	24	3	1	0	—	19.5	13.3	78	0	136
Mansûra	01	6	12	1	1	4	8	18.7	21.5	57	0	00	6	04	1	1	0	—	20.4	15.6	91	0	137
Tanta	01	8	00	0	1	5	8	18.6	20.3	67	0	03	8	00	0	2	8	7	18.7	13.3	87	0	138
Zagazig	01	6	08	2	2	4	8	18.7	20.6	63	0	00	6	16	2	0	0	—	18.2	15.0	87	0	139
Shebîn el Kôm	00	6	22	2	0	1	3	19.2	22.3	54	0	00	7	22	1	1	2	6	19.9	16.3	70	0	—
Middle Egypt																							
Cairo Almaza	01	7	28	2	1	4	4	18.8	19.1	54	0	01	7	00	0	2	4	4,5	19.8	16.0	69	0	141
Cairo Ezbekîya	05	7	32	1	0	5	3	18.8	20.7	47	0	00	6	00	0	0	0	—	20.2	16.5	72	0	—
Cairo Gîza	02	8	30	2	2	6	2	19.5	21.3	41	0	05	7	00	0	1	0	—	20.3	12.9	86	0	—
Helwân	02	6	26	2	1	6	4	18.7	19.2	47	0	05	6	32	3	0	0	—	20.0	16.0	60	0	143
Suez	01	9	02	2	1	4	3	18.6	20.0	53	0	00	9	00	0	0	0	—	20.3	17.2	63	0	144
Upper Egypt																							
Faiyûm	02	8	30	1	2	6	2	19.4	19.2	51	0	08	4	00	0	2	6	2	20.0	14.0	86	0	153
Minya	02	8	32	2	2	5	2	18.3	21.2	38	0	00	8	32	1	1	0	—	19.2	15.3	49	0	154
Asyût	01	8	26	1	1	4	5	18.0	23.1	29	0	00	6	22	1	1	0	—	19.5	13.5	72	0	155
Nag Hamâdi	00	8	00	0	0	0	—	17.0	23.7	39	0	00	8	00	0	0	0	—	18.4	15.7	64	0	164
Qena	01	7	28	1	1	4	3	16.0	24.4	39	0	01	6	28	1	1	4	3	17.5	16.4	59	0	156
Luxor	02	7	22	2	2	5	1	16.4	27.0	37	0	01	6	26	2	1	4	1	17.1	17.0	61	0	157
Aswân	01	9	30	2	1	4	1	14.8	28.9	24	0	00	9	32	1	0	0	—	16.4	24.4	25	0	158
Western Desert																							
Sîwa	02	8	00	0	1	6	2	20.6	18.3	58	0	00		00	0	0	0	—	20.2	12.5	71	0	148
Baharîya												00		00	0	0	0	—	18.7			0	149
Khârga	01	9	02	2	1	5	1	16.2	24.4	22	0	00	9	32	1	0	0	—	17.6	21.0	21	0	151
Dakhla	01	8	04	2	1	5	1	16.7	26.5	22	0	01	6	28	1	1	4	1	19.4	20.0	25	0	152
Red Sea																							
Tôr	00	7	28	4	0	0	—	15.9	23.9	67	0	00	7	28	2	0	0	—	17.2	20.5	31	0	145
Hurghada	01	8	32	4	1	5	1	15.4	24.1	59	0	00	8	28	3	0	0	—	17.1	18.4	55	0	146
Quseir	01	8	02	1	2	5	1	15.6	25.2	74	0	00	8	32	1	1	3	1	16.3	22.6	80	0	147
Port Sûdân																							208
North Sûdân																							
Wâdi Halfa																							165
Kareima																							166
'Atbara																							167
Khartûm																							209
Kassala																							170
Central Sûdân																							
Wad Medani																							171
Renk																							182
Roseires																							172
El Obeid																							174
El Fasher																							175
Geneina																							179
Kadugli																							187
S. Sûdân																							
Malakal																							176
Wâu																							177
Juba																							178

At 8h. on Thursday 26th (الساعة ٨ يوم الخميس ٢٦)

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Mediterranean																		
Salûm												—		—				38
Matrûh	03	8	00	0	2	8	9	17.6	-1.0	14.6	20	+1	12	+2	61	0	30	66
Mariut	03	7	00	0	2	8	4,5	18		14	21	—	13	—	94	0	64	63
Alexandria	02	7	16	2	2	7	6	18.4	-0.4	14.6	19	-1	14	+3	93	0	54	86
Damietta	03	4	22	1	2	8	6	18.8	+0.7	13.8	22	—	12	—	94	0	3	36
Port Sa'îd	03	6	12	3	2	8	5	17.8	+0.2	14.9	21	+1	14	+3	91	0	4	28
El 'Arîsh	01	9	16	2	1	4	4	19.2	+0.4	13.2	21	+2	10	+2	85	0	13	31
Lower Egypt																		
Damanhûr	03	5	16	2	2	8	5	18.8	+0.1	13.3	22	+1	10	+1	97	0	50	33
Mansûra	03	6	04	1	2	8	6	18.3	-0.4	13.0	23	+2	12	+4	98	0	5	15
Tanta	03	6	12	1	2	8	7	18.6	-0.5	12.4	22	+1	10	+3	95	0	3	12
Zagazig	02	6	08	2	2	5	8	18.3	-0.9	13.2	23	+3	11	+4	82	0	dr	9
Shebîn el Kôm	09	6	06	1	2	6	0	18.8	-0.4	12.9	24	—	10	—	93	0	dr	—
Middle Egypt																		
Cairo Almaza	01	7	10	2	0	5	1	18.3	-1.1	14.6	24?	—	11	—	76	0	1	—
Cairo Ezbekîya	09	6	00	0	1	8	1	18.3	-1.1	16.2	21	+1	12	+4	77	0	dr	8
Cairo Gîza	09	6	30	1	2	8	2	18.3	-1.2	13.0	23	+3	9	+2	87	0	1	9
Helwân	05	5	06	1	2	6	1	18.0	-1.6	14.9	20	+1	13	+4	74	0	1	7
Suez	01	9	32	1	1	5	2	19.5	+0.8	15.0	21	0	13	+3	74	0	dr	8
Upper Egypt																		
Faiyûm	01	7	00	0	2	4	6	18.3	-1.1	13.0	22	0	9	+2	77	0	dr	2
Minya	02	8	22	1	2	5	2	17.9	-1.9	11.1	22	+2	8	+1	63	0	dr	—
Asyût	00	7	30	1	0	0	—	18.7	-1.4	12.0	24	+3	8	+1	74	0	0	3
Nag Hamâdi	00	8	00	0	0	0	—	18.4	-1.1	13.6	24	—	6	—	64	0	0	—
Qena	01	7	28	1	1	4	1	17.9	-0.9	12.6	25	+2	9	+1	68	0	0	—
Luxor	01	7	02	2	1	3	1	16.6	-0.6	15.0	27	+3	8	+1	58	0	0	—
Aswân	01	9	02	1	1	4	1	17.4	-1.5	16.4	30	+6	14	+3	34	0	0	—
Western Desert																		
Sîwa	03	7	08	1	2	8	5	17.0	-3.6	10.0	21	0	7	+2	74	0	0	4
Baharîya	00	9	00	0	0	0	—	18.3	-1.9	11.0			8	+3	75	0	0	4
Khârga	01	9	32	1	1	4	1	18.8	-0.4	13.5	26	+3	9	+2	41	0	0	—
Dâkhla	01	8	28	1	1	5	3	17.8	-2.7	11.5	27	+5	7	+1	36	0	0	—
Red Sea																		
Tôr	00	7	04	3	0	0	—	17.8	-0.1	15.1	27	+5	10	+1	52	0	0	6
Hurghâda	01	8	26	3	1	4	1	17.6	-0.2	16.4	25	+2	12	+1	64	0	0	3
Quseir	00	8	28	2	1	3	1	16.8	-0.7	17.4	28	+4	17	+2	79	0	0	4
Port Sûdân	02	8	32	3	1	5	6	15		25					84	1	139	79
North Sûdân																		
Wâdi Halfa	00	8	02	1	0	1	1	16		14					52	0	dr	—
Kareima	00	8														0	dr	1
'Atbara	00	8	02	3	0	0	—	9		23					61	0	dr	2
Khartûm	00	8	32	3	0	0	—	11		23					53	0	2	4
Kassala	00	8	00	0	0	0	—	9		26					58	0	1	8
Central Sûdân																		
Wad Medani	00	8	04	3	0	0	—	11		22					53	0	15	12
Renk	00	8	04	2	0	0	—	11		24		—		—	30	—	—	49
Roseires	00	8	32	1	0	0	—	11		22					47	0	21	36
El Obeid	00	8	32	2	1	2	1	12		22					36	0	69	16
El Fâsher	00	8	32	2	0	2	2	—	—	15					48	0	4	6
Geneina								—	—			—		—		—	—	4
Kadugli	00	8	28	1	0	0	—	10		26		—		—	27	—	—	89
S. Sûdân																		
Malakâl	00	8	01	2	0	0	—	10		24					34	0	112	88
Wâu	00	8	00	0	0	0	—	11		22					69	0	159	143
Juba	00	8	14	1	0	2	4,1	10		26					66	0	212	141

Upper Winds on 25th (الرياح العليا يوم ٢٥)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh	Mariut	Port Sa'îd	Almaza (13 h.)	Minya	Luxor	Hurghâda	Wâdi Halfa	Kareima	Khartûm	Kassala	El Obeid	Malakal	Juba
			03 33 05										
			06 36 05										
			09 32 15										
			15 27 40										

Upper Winds on 26th (الرياح العليا يوم ٢٦)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh	Mariut (7 h. 15 m.)	Port Sa'îd	Helwân (9 h.)	Minya	Asyût (7 h.)	Luxor	Aswân (7 h.)	Wâdi Halfa (7 h. 15 m.)	Abu Hamad (7 h. 15 m.)	Kareima	Khartûm (7 h.)
	03 12 15		02 14 10		02 03 05		02 01 15	09 07 25	09 06 55		04 03 40
	06 12 15		05 12 25		05 24 05		05 08 15	15 06 35	15 07 45		15 04 15
	09 14 10		08 08 10		10 02 05		10 06 35	21 07 30	21 05 55		21 05 15
	15 27 15		10 04 10		15 31 10		15 08 10		24 05 50		24 05 20
	21 29 40		15 30 35								27 05 25
			20 32 35								30 07 20
			23 32 40								39 10 30
			25 32 40								
			30 29 35								

Kassala (7 h.)	Port Sûdân (7 h.)	El Obeid (7 h.)	El Fâsher (7 h.)	Geneina	Malakal (7 h. 15 m.)
09 10 15	09 11 25	09 12 35	09 05 20		09 02 80
15 11 25	15 11 40	15 05 40			15 03 70
21 09 20	18 11 45	21 07 20			21 09 10
27 22 05		27 05 15			27 16 10
33 24 20		33 02 20			33 12 10
		39 34 05			39 12 30

Remarks

Hours are Egyptian standard time, long 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day Humidity % on 25th	Diff from normal	Mean of day Wet Bulb Temp °C on 25th	Diff from normal
Alexandria	75	+8	14.6	+2.0
Ezbekiya	64	-5	13.0	+2.0
Giza	76	+2	12.3	+1.6
Helwân	63	+6	12.0	+1.7

GÎZA — Grass minimum temp on 26th 6.0° c

CAIRO — Water temp at 8h. River Nile on 26th 16.5° c

Discharges at Aswân measured by sluices m³ per sec.	1946	1945
26-12	1504	1620
25-12	1504	1620

Gauge	Date 946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	26—12				
Nâsser				10.56	+2.26
Malakâl		12.92	+1.02	12.92	+1.01
J. Aulia Res					
J. Aulia D.S					
Roseires		13.26	+0.66	13.28	+0.66
Sennar Res				20.73	—
Khartûm				11.63	+0.20
Kh. el Girba					
'Atbara		11.23	+0.30	11.24	+0.30
Kajnarti				134.39	+0.47
Aswân Res.		120.11	—	120.04	—
Aswân D.S		86.19	0.00	86.19	0.00
Roda (Cairo)		16.29	+1.17	16.51	+1.31

Upper Air Temp Almâza at G.M.T. on

Height feet	PPP mb.	TT °c	
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

Cyprus synoptic 8h. on 26th
34704 02990 28365 18120 76402 03101
34850 02862 22126 19080 77205 96081

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.

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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

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ANNUAL SUBSCRIPTION P.T. 150

CAIRO — Time of Sunrise h. 06 m. 49 — Sunset h. 17 m. 03

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month December 1946 — شهر ديسمبر ١٩٤٦

At 14h. on Thursday 26th (الساعة ١٤ يوم ٢٦/١٢) and At 20h. on 26th (الساعة ٢٠ يوم الخميس ٢٦)

Station	14h Present Weather (ww)	14h Visibility (V)	14h Wind Dir. (DD)	14h Wind Force (F)	14h Past Weather (W)	14h Cloud Amount (N)	14h Cloud Form (C)	14h Bar Press M.S.L. 1000+ mbs. (PPP)	14h Temp. °C (TTT)	14h % Humidity (UU)	14h Rain 8–14h mms	20h Present Weather	20h Visibility	20h Wind Dir.	20h Wind Force	20h Past Weather	20h Cloud Amount	20h Cloud Form	20h Bar Press M.S.L. 1000+ mbs.	20h Temp. °C	20h % Humidity	20h Rain 14–20h mms	Station Number
Mediterranean																							
SALÛM																							130
MATRÛH	03	6	14	2	2	8	9	13.2	20.0	38	0	03	7	10	2	2	8	9	10.6	18.8	56	0	131
MARIUT	03	7	16	3	1	8	4,5,7	15	19	73	0	02	7	06	2	2	6	2	14	16	77	0	150
ALEXANDRIA	02	8	14	4	2	7	6	14.7	18.6	61	0	00	5	12	4	0	0	—	14.0	15.6	81	0	132
DAMIETTA	02	7	12	1	2	7	5	16.4	18.7	74	0	01	7	08	2	1	4	5	15.4	16.2	87	0	159
PORT SAÏD	03	6	16	—	2	8	5	16.8	18.2	75	0	00	7	16	3	0	2	4	15.6	17.2	81	0	134
EL ARÎSH												00	9	12	2	0	0	—	15.9	14.2	97	0	135
Lower Egypt																							
DAMANHÛR	02	6	12	4	2	8	5	15.6	19.0	70	0	02	6	12	3	2	8	5	14.6	14	78	0	136
MANSÛRA	03	8	02	1	2	8	6	16.7	19.7	70	0	00	6	04	1	1	0	—	15.5	15.0	87	0	137
TANTA	03	7	08	1	2	8	7	15.9	19.9	70	0	03	7	08	1	2	8	7	14.4	14.3	95	0	138
ZAGAZIG	01	6	32	3	2	4	8	15.9	20.2	66	0	00	6	32	2	0	0	—	—	15.0	78	0	139
SHEBÎN EL KÔM	01	8	02	2	1	4	6	16.3	19.9	65	0	01	7	02	2	1	4	6	15.1	15.4	78	0	—
Middle Egypt																							
Cairo ALMAZA	02	7	06	3	2	7	4,5,1	14.6	24.1	38	0	01	7	12	1	2	4	4,5,1	14.6	18.5	42	0	141
Cairo EZBEKÎYA	02	7	06	2	1	5	3	14.8	25.2	38	0	00	6	00	0	0	0	—	13.9	18.3	59	0	—
Cairo GÎZA	03	7	02	2	2	8	2	15.1	25.6	44	0	00	7	00	0	0	0	—	14.0	14.3	84	0	—
HELWÂN	02	6	00	0	2	5	1	14.3	23.0	45	0	02	6	14	3	2	7	2	14.0	20.0	32	0	143
SUEZ	02	9	32	1	2	7	2	16.2	21.6	44	0	00	9	00	0	0	0	—	15.2	16.0	69	0	144
Upper Egypt																							
FAIYÛM	02	8	00	0	2	6	2	15.1	22.0	50	0	02	5	32	1	2	6	2	13.8	16.2	76	0	153
MINYA	02	8	30	1	2	6	2	14.4	22.7	38	0	03	8	32	1	2	8	2	13.6	16.7	67	0	154
ASYÛT	00	7	00	0	0	0	—	14.7	22.0	37	0	00	6	00	0	0	0		14.8	14.0	78	0	155
NAG HAMÂDI	00	8	00	0	0	0	—	13.9	26.0	42	0	00	8	00	0	0	0	—	13.9	15.6	91	0	164
QENA	01	8	24	1	1	4	1	13.8	23.6	36	0	01	6	24	1	1	3	1	13.8	15.4	70	0	156
LUXOR	00	7	06	2	0	0	—	13.8	26.2	41	0	00	6	06	2	0	0	—	13.8	16.0	77	0	157
ASWÂN	00	9	32	2	0	0	—	11.8	31.0	24	0	00	9	00	0	0	0	—	13.0	25.0	30	0	158
Western Desert																							
SÎWA	03	8	10	3	2	8	5	12.7	22.2	24	0	00		00	0	0	0	—	11.0	15.3	56	0	148
BAHARÎYA																							149
KHÂRGA	00	9	00	0	0	0	—	13.6	29.4	20	0	00	9	00	0	0	0	—	13.6	20.0	21	0	151
DAKHLA	02	8	12	1	2	5	1	13.9	27.3	18	0	00	8	16	1	0	0	—	13.3	20.3	25	0	152
Red Sea																							
TÔR	00	7	28	3	0	0	—	15.2	22.9	51	0	00	7	28	2	0	0	—	15.1	18.5	69	0	145
HURGHÂDA	01	8	02	2	1	3	1	14.4	23.1	50	0	00	8	30	1	0	0	—	14.3	15.9?	81	0	146
QUSEIR	00	8	32	2	0	0	—	15.1	23.4	77	0	00	8	32	2	0	0	—	14.7	20.6	80	0	147
PORT SÛDÂN	01	8	06	3	8	4	8	12	28	88													208
North Sûdân																							
WÂDI HALFA	00	8	02	3	0	0	—	11	31	16													165
KAREIMA	00	8	08	2	0	0	—	9	32	28													166
ATBARA	00	7	08	4	0	0	—	6	34	25													167
KHARTÛM	00	8	24	1	0	0	—	7	33	23													209
KASSALA	00	8	08	2	0	0	—	3	38	06													170
Central Sûdân																							
WAD MEDANI	00	8	02	2	0	0	—	5	34	25													171
RENK																							182
ROSEIRES	00	8	28	1	0	0	—	6	37	24													172
EL OBEID	00	9	02	2	1	2	1	5	33	19													174
EL FASHER	00	8	26	3	0	2	1	—	32	26													175
GENEINA																							179
KADUGLI	00	8	28	2	0	0	—	6	36	15													187
S. Sûdân																							
MALAKAL	00	7	04	2	0	0	—	5	35	22													176
WAU	00	8	32	2	0	1	4	4	36	17													177
JUBA	01	7	30	2	1	4	8	3	37	24													178

Upper Winds on 26th (الرياح العليا ٢٦)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour

Matrûh h. m.	Mariut h. m.	Port Saïd h. m.	Almâza 12h 30m	Minya h. m.	Luxor h. m.	Hurghâda h. m.	Wâdi Halfa 13h 15m	Kareima 13h	Khartûm 13h	Kassala 13h	El Obeid 13h	Malakal 13h	Juba 13h
			03 11 20				09 09 25	09 08 40	09 23 05	09 05 05	09 05 25	09 06 15	09 09 05
			06 07 20				15 09 40	15 09 35	15 17 05	15 09 10	15 05 25	15 03 15	15 04 10
			09 27 15				21 09 30	21 09 50	21 18 05	21 11 10	21 09 05	21 06 05	21 08 10
			15 26 35				27 05 25	27 11 20	27 17 05	27 12 15	27 16 10	27 14 15	27 10 20
			21 08 05				33 31 05	33 09 20	30 13 10	33 13 15	33 12 10	33 17 10	33 09 25
							39 18 15	39 11 10	33 12 15	39 17 35	39 15 15	39 16 40	39 10 25
									39 09 15				

Remarks

Hours are Egyptian standard time, long 30°E and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 26th	Diff from normal	Wet bulb temp °C on 26th	Diff from normal
Alexandria	82	+17	14.2	+1.6
Ezbekiya	61	-8	14.9	+3.9
Giza	79	+5	14.2	+3.5
Helwân	48	-9	13.5	+3.3

GÎZA — Grass minimum temp on 27th 7.8°C

CAIRO — Water temp River Nile at 8h on 27th 16.4°C

Discharges at Aswân measured by sluices m³ per sec. — Date	1946	1945
27 – 12	1504	1563
26 – 12	1504	1620

Gauge	Date 1946	Reading m	Diff from normal m	Previous day Reading m	Previous day Diff from normal m
Jûba	27–12	13.01	-0.42	13.02	-0.42
Nâsser		10.53	+2.42	10.55	+2.33
Malakâl		12.93	+1.04	12.92	+1.02
J. Aulia Res				377.12	—
J. Aulia D S				372.51	+0.31
Roseires		13.23	+0.65	13.26	+0.66
Sennar Res		20.72	—	20.73	—
Khartûm		11.61	+0.23	11.61	+0.20
Kh. el Girba					
Atbara		11.21	+0.29	11.23	+0.30
Kajnarti		134.84	+0.47	134.85	+0.45
Aswân Res.		120.20	—	120.11	—
Aswân D.S		86.19	0.00	86.19	0.09
Roda (Cairo)		16.00	+0.93	16.29	+1.17

Printed by the Survey of Egypt, 1946 (46/306)

At 8h. on Friday 27th (الساعة ٨ يوم الجمعة ٢٧)

Station	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Dry Bulb °C (TTT)	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Mediterranean																		
SALÛM												—		—				39
MATRÛH	03	8	26	3	2	8	9	8.6	-10.0	17.2	21	+2	14	+4	49	0	30	67
MARIUT	02	7	16	3	2	7	4,5	6		16	19	—	14	—	52	0	64	64
ALEXANDRIA	02	8	20	4	1	7	7	6.6	-12.2	17.6	19	0	14	+3	36	0	54	68
DAMIETTA	02	8	12	3	2	7	6	7.6	-10.5	15.3	19	—	14	—	76	0	3	37
PORT SAÏD	14	6	10	5	3	8	7	8.2	-9.4	17.3	19	0	15	+4	52	0	4	28
EL ARÎSH	03	9	14	2	2	8	5	9.8	-9.0	13.6	20	+1	9	+1	70	0	13	31
Lower Egypt																		
DAMANHÛR	03	6	08	3	2	8	5	7.3	-11.4	13.2	22	+1	10	+1	82	0	50	33
MANSÛRA	03	7	14	2	2	8	6	7.6	-11.1	13.0	20	-1	11	+3	72	0	5	15
TANTA	03	7	16	2	2	8	7	7.4	-11.7	14.3	20	-1	12	+5	56	0	3	13
ZAGAZIG	02	6	16	2	0	7	8	8.7	-10.5	14.9	20	0	12	+5	62	0	dr	9
SHEBÎN EL KÔM	01	7	14	3	1	4	5	8.2	-11.0	16.8	21	—	11	—	43	0	dr	—
Middle Egypt																		
Cairo ALMAZA	03	7	16	4	1	8	4,5,1	7.9	-11.5	19.9	24	—	14	—	29	0	1	—
Cairo EZBEKÎYA	05	6	14	4	2	8	4	9.0	-10.4	16.7	26	+6	14	+6	36	0	dr	8
Cairo GÎZA	03	7	14	4	2	8	2	9.9	-9.6	17.1	27	+7	11	+5	51	0	1	9
ḤELWÂN	02	7	12	3	2	8	2	9.6	-10.0	16.9	25	+6	15	+6	30	0	1	8
SUEZ	02	8	16	1	2	7	2	11.2	-7.6	18.0	24	+3	14	+4	80?	0	dr	8
Upper Egypt																		
FAIYÛM	02	8	22	2	2	6	2	9.8	-9.6	13.6	23	+2	11	+4	37	0	dr	2
MINYA	02	8	16	2	2	5	2	10.2	-9.6	17.5	24	+4	10	+3	37	0	dr	—
ASYÛT	00	7	12	3	0	0	—	12.7	-7.4	13.7	26	+5	9	+2	59	0	0	3
NAG HAMÂDI	00	8	00	0	0	0	—	13.5	-6.1	12.0	27	—	7	—	79	0	0	—
QENA	00	7	08	1	0	0	—	13.6	-5.2	17.0	25	+2	10	+2	45	0	0	—
LUXOR	00	7	08	2	0	0	—	14.2	-5.0	11.0	27	+3	8	+2	58	0	0	—
ASWÂN	00	9	00	0	0	0	—	12.8	-6.2	18.0	32	+8	9	-2	47	0	0	—
Western Desert																		
SÎWA	03	7	24	3	2	8	5	11.4	-8.8	14.3	24	+3	10	+6	75	0	0	4
BAHARÎYA																	0	4
KHÂRGA	00	9	00	0	0	0	—	13.2	-6.0	15.1	31	+8	9	+2	39	0	0	—
DÂKHLA	00	8	08	1	0	0	—	13.2	-7.3	12.8	29	+7	7	+1	38	0	0	—
Red Sea																		
TÔR	00	7	04	3	0	0	—	14.2	-3.7	18.2	24	+2	16	+7	54	0	0	6
HURGHÂDA	01	8	16	1	1	3	1	13.1	-4.7	20.1	24	+1	12	+1	74	0	0	3
QUSEIR	00	8	30	2	0	0	—	14.0	-3.6	17.7	24	0	16	+1	82	0	0	4
PORT SÛDÂN	01	9	30	1	1	4	6	13		28					74	0	139	80
North Sûdân																		
WÂDI HALFA	01	8	00	0	1	5	1	12		17					42	0	dr	—
KAREIMA	00	8	00	0	0	0	—	11		22					61	0	dr	1
ATBARA	00	7	06	2	0	0	—	10		23					53	0	dr	2
KHARTÛM	00	7	30	2	0	0	—	12		22					50	0	2	4
KASSALA	00	8	08	4	0	0	—	7		30					33	0	1	8
Central Sûdân																		
WAD MEDANI	00	7	02	2	0	0	—	10		23					61	0	15	12
RENK	00	8	28	2	0	0	—	—		22		—		—	61	—	—	49
ROSEIRES	00	8	07	1	0	0	—	9		22					61	0	21	36
EL OBEID	00	9	30	2	0	0	—	11		21					35	0	69	16
EL FÂSHER	00	8	09	2	0	2	1	—	—	14					48	0	4	6
GENEINA								—	—			—		—			—	4
KADUGLI	00	8	28	3	0	0	—	10		22		—		—	74	—	—	89
S. Sûdân																		
MALAKÂL	00	8	32	2	0	2	4	9		24					50	0	112	88
WÂU	00	8	00	0	0	2	1	9		21					69	0	159	143
JUBA	05	7	12	1	0	0	—	10		23					69	0	212	141

Upper Winds on 27th (الرياح العليا ٢٧)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour

Matrûh h. m.	Mariut h. m.	Port Saïd h. m.	Helwân h. m.	Minya h. m.	Asyût h. m.	Luxor h. m.	Aswân h. m.	Wâdi Halfa 7h	Abu Hamad 7h	Kareima 7h	Khartûm 7h
								09 13 15	09 11 25	09 12 30	09 04 20
								15 08 15	15 11 15	15 13 25	15 06 15
								21 02 05	21 13 45	21 13 15	21 21 25
								27 21 15	27 18 15	27 14 20	24 23 35
								33 19 30	33 19 15	33 17 15	30 23 35
								39 21 25	39 21 20	39 20 10	39 22 30

Kassala 7h 15m	Port Sûdân 7h	El Obeid 7h	El Fâsher 7h	Geneina h. m.	Malakal 7h
09 09 25	09 13 30	09 01 30	09 36 15		09 03 20
15 30 05		15 35 10	15 05 40		15 03 20
21 26 05		21 22 30	21 28 15		21 04 20
27 24 10		27 21 15	27 29 10		27 05 15
33 21 20		33 21 15	33 28 20		33 07 10
— — —			39 27 24		39 14 05

Upper Air Temp Almâza at 6 GMT on 27th

Height feet	P mb.	TT °F	°F
Surface	998	72	53
500	980	80	55
1000	962	78	56
1500	945	76	64
2000	928	76	66
4000	862	67	60
6000	800	58	52
8000	741	50	46
10000	686	40	36
12000	635	32	30
14000	586	24	23
16000	541	16	16

Cyprus synoptic 8h. on 27th

30705 03990 02428 10171 30807 00118
34868 03748 12428 11121 23707 00080

Annual Subscription P.T. 150

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 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 Amount (N)

- Clear 0
- Trace 1
- 1 Tenth 2
- 2, 3 Tenths 3
- 4, 5, 6 Tenths 4
- 7, 8 Tenths 5
- 9 Tenths 6
- Over 9 Tenths 7
- Overcast 8
- Fog or Dust 9

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.

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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

CAIRO
Time of Sunrise h. 06 m. 50
Sunset h. 17 m. 03

Month DECEMBER 1946 — شهر ديسمبر ١٩٤٦

At 14h. on FRIDAY 27th (الساعة ١٤ يوم ٢٧) and At 20h. on 27th (الساعة ٢٠ يوم الجمعة ٢٧)

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs PPP	Temp °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs PPP	Temp °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	18	7	26	4	3	8	9	9.4	18.1	36	0	00	8	22	2	0	0	—	12.3	14.0	47	0	131
MARIUT	05	6	23	4	2	8	4,5	9	19	52	0	05	6	23	3	1	3	1	12	16	52	0	150
ALEXANDRIA	03	8	22	6	2	8	7	10.2	18.0	55	0	02	6	24	5	2	5	8	12.8	17.0	52	0	132
DAMIETTA	02	7	22	3	2	5	5	8.7	21.2	52	0	01	6	20	3	1	3	5	10.7	14.8	74	0	159
PORT SA'ÎD	14	6	18	4	3	5	4	9.1	20.3	42	0	14	7	22	4	3	4	4	11.5	16.6	68	0	134
EL 'ARÎSH	30	4	16	6	3	7	4	7.4?	19.6	23	0	03	5	24	4	3	8	5	11.5	19.2	59	0	135
LOWER EGYPT																							
DAMANHÛR	03	7	28	3	2	8	5	9.6	19.4	66	0	01	6	28	3	1	4	5	12.8	13.0	72	0	136
MANSÛRA	02	7	24	1	2	5	6	9.4	21.2	50	0	00	6	28	2	1	0	—	12.3	15.0	60	0	137
TANTA	03	6	20	1	2	8	7	9.5	20.1	64	0	03	6	16	3	2	8	7	11.9	13.7	94	0	138
ZAGAZIG	02	6	16	1	0	7	8	10.6	21.0	57	0	01	6	16	2	2	3	8	12.7	16.0	74	0	139
SHEBÎN EL KÔM	01	8	22	2	1	5	5	10.3	21.9	52	0	01	7	22	2	2	5	5	13.6	15.0	51	0	—
MIDDLE EGYPT																							
CAIRO ALMAZA	05	5	24	1	2	8	4,5	10.2	22.8	35	0	02	7	29	1	2	5	4	13.4	16.8	52	0	141
CAIRO EZBEKIYA	06	6	24	1	2	8	5	10.7	22.2	35	0	03	7	28	2	2	8	5	13.6	16.7	52	0	—
CAIRO GÎZA	03	7	24	1	2	8	5	11.5	22.8	47	0	03	8	00	0	2	8	5	13.8	16.0	57	0	—
HELWÂN	05	6	26	2	2	8	4	10.6	21.9	21	0	05	6	28	3	2	8	4	13.0	16.8	43	0	143
SUEZ	02	8	18	1	2	7	2	9.9	23.6	67	0	03	8	32	1	2	8	5	11.0	19.0	54	0	144
UPPER EGYPT																							
FAIYÛM	02	8	30	2	2	6	2	10.7	22.8	31	0	02	8	30	2	2	6	2	14.2	15.7	61	0	153
MINYA	02	8	24	3	2	6	2	10.8	26.3	19	0	00	8	30	1	1	0	—	13.6	16.3	53	0	154
ASYÛT	00	8	12	2	0	0	—	10.0	27.2	30	0	00	6	30	1	0	0	—	13.0	17.1	42	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	9.9	25.7	—	0	00	8	00	0	0	0	—	11.8	18.8	52	0	164
QENA	00	8	22	2	0	0	—	11.5	28.0	38	0	00	6	22	2	0	0	—	11.5	17.4	76	0	156
LUXOR	00	7	20	2	0	0	—	10.6	28.3	40	0	00	6	22	2	0	0	—	10.7	19.8	65	0	157
ASWÂN	00	9	18	1	0	0	—	9.6	30.0	36	0	00	9	00	0	0	0	—	10.8	25.0	47	0	158
WESTERN DESERT																							
SÎWA	00	8	20	4	0	0	—	14.2	18.4	42	0	00		00	0	0	0	—	15.2	9.5	47	0	148
BAHARÎYA	01	9	08	1	1	4	—	10.3	19.0	46	0	00	—	00	0	0	0	—	13.0	11.0?	75?	0	149
KHÂRGA	00	9	24	1	0	0	—	10.6	29.5	27	0	00	9	32	1	0	0	—	12.3	20.0	18	0	151
DÂKHLA	00	8	28	3	0	0	—	10.8	26.5	20	0	00	8	28	2	0	0	—	12.8	19.0	30	0	152
RED SEA																							
TÔR	00	6	12	4	0	0	—	11.5	25.5	62	0	00	6	12	4	0	0	—	12.6	24.5	49	0	145
HURGHÂDA	01	8	12	4	1	4	1	10.6	24.6	68	0	01	7	12	4	1	4	4	10.4	23.7	81	0	146
QUSEIR	00	8	10	3	0	0	—	12.0	24.2	87	0	00	8	12	2	0	0	—	11.4	23.4	86	0	147
PORT SÛDÂN	01	8	12	4	1	3	8,1	10	29	70													308
NORTH SÛDÂN																							
WÂDI HALFA	01	8	00	0	1	3	1	8	33	21													165
KAREIMA	00	8	00	0	0	0	—	8	34	25													166
'ATBARA	00	8	08	2	0	2	1	3	34	25													167
KHARTÛM	00	8	32	1	0	3	2	6	34	20													309
KASSALA	00	8	32	1	0	0	—	3	38	17													170
CENTRAL SÛDÂN																							
WAD MEDANI	00	8	32	4	0	0	—	6	34	25													171
RENK	00	8	32	1	0	0	—	4	36	19													182
ROSEIRES	00	7	26	1	0	0	—	5	37	24													172
EL OBEID	00	7	28	1	1	0	—	5	34	20													174
EL FÂSHER	00	8	04	2	0	2	1	—	32	26													175
GENEINA	00	8	00	0	0	3	1	—	32	17													179
KADUGLI	00	8	28	1	0	0	—	5	37	20													187
S. SÛDÂN																							
MALAKÂL																							176
WÂU	01	8	00	0	1	4	8,1	3	37	13													177
JUBA	05	7	32	2	0	2	8	3	38	21													178

UPPER WINDS ON 27th (٢٧)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMAZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	12 h. 30 m.	h. m.	12 h. 30 m.	h. m.	h. m.	h. m.	13 h. 15 m.	13 h. m.	13 h. m.	13 h. m.	13 h. m.	h. m.	12 h. 30 m.
	03 27 50		03 24 30				09 31 10	09 18 10	09 23 05	09 01 10	09 36 15		09 07 05
	06 27 55		06 25 55				15 30 10	15 15 10	15 18 05	15 02 10	15 36 15		15 13 05
	09 27 75		09 22 70				21 31 10	21 15 15	21 16 05	21 06 05	21 33 05		21 12 05
	12 25 100						27 29 15	27 19 20	27 12 15	27 15 05	24 18 05		24 14 10
	15 24 75						33 27 20	33 18 15					33 12 35
								39 19 20					39 11 30

Remarks

Hours are Egyptian standard time, long 30° E and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 27th	Diff from normal	Wet bulb temp °C on 27th	Diff from normal
Alexandria				
Ezbekiya	37	-32	11.9	+1.0
Giza	47	-27	13.3	+2.6
Helwân	33	-24	10.7	+0.6

GIZA — GRASS MINIMUM TEMP ON 28th 6.4 °C

CAIRO — WATER TEMP RIVER NILE AT 8h. ON 28th 16.3 °C

Discharges at Aswân measured by sluices m³ per sec.	1946	1945
DATE 28th	1504	1562
DATE 27th	1504	1563

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	28th			13.01	-0.42
Nâsser				10.53	+2.42
Malakâl		12.92	+1.06	12.92	+1.04
J. Aulia Res					
J. Aulia D.S					
Roseires		13.20	+0.64	13.23	+0.65
Sennar Res				20.72	
Khartûm				11.61	+0.23
Kh. el Girba					
'Atbara		11.20	+0.29	11.21	+0.29
Kajnarti				134.84	+0.47
Aswân Res.		120.27		120.20	
Aswân D.S		86.19	0.00	86.19	0.00
Roda (Cairo)		15.25	+0.74	16.00	+0.93

Printed by the Survey of Egypt, 1945 (48/306)

At 8h. on SATURDAY 28th (الساعة ٨ يوم السبت ٢٨)

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				39
MATRÛH	00	9	22	2	0	0	—	13.4	-5.2	10.0	18	-1	9	-1	70	0	30	68
MARIUT	00	8	20	2	0	2	8,4	15		11	20	—	9	—	76	0	64	65
ALEXANDRIA																	54	90
DAMIETTA	01	7	20	2	1	3	4	14.7	-3.4	10.0	22	—	9	—	79	0	3	38
PORT SA'ÎD	01	6	22	3	1	3	4	15.4	-2.2	13.5	23	+4	12	+1	74	0	4	29
EL 'ARÎSH	13	6	24	4	2	7	4	15.4	-3.3	14.7	20	+1	13	+5	62	0	13	32
LOWER EGYPT																		
DAMANHÛR	00	6	24	3	0	3	4	15.1	-3.5	8.4	20	-1	7	-1	81	0	50	34
MANSÛRA	02	7	24	2	2	5	0	15.5	-3.1	10.0	23	+3	8	0	74	0	5	15
TANTA	01	8	20	1	1	5	8	15.6	-3.5	9.2	22	+1	7	0	84	0	3	13
ZAGAZIG	01	6	18	2	1	4	8	15.2	-4.0	9.9	24	+4	9	+2	80	0	dr.	9
SHEBÎN EL KÔM	00	7	22	1	1	2	8	16.3	-2.9	9.9	22	—	8	—	76	0	dr.	—
MIDDLE EGYPT																		
CAIRO ALMAZA	05	6	00	0	1	8	5	15.8	-3.6	11.9	24	—	11	—	66	0	1	—
CAIRO EZBEKÎYA	09	5	00	0	2	8	5	16.4	-3.0	12.7	23	+3	11	+3	58	0	dr.	8
CAIRO GÎZA	03	7	00	0	2	8	5	16.6	-2.9	11.2	24	+4	9	+3	75	0	1	9
HELWÂN	03	6	00	0	2	8	[illegible]	16.3	-3.3	12.0	24	+5	11	+2	63	0	1	8
SUEZ	03	8	32	1	2	8	5	16.3	-2.5	18.6	26	+5	13	+3	68	0	dr.	8
UPPER EGYPT																		
FAIYÛM	03	8	00	0	2	8	5	16.2	-3.2	12.3	23	+2	12	+5	65	0	dr.	2
MINYA	02	8	32	2	2	7	5	16.7	-3.1	12.7	27	+7	12	+5	59	0	dr.	—
ASYÛT	02	6	22	1	1	5	5	16.2	-3.9	11.5	27	+7	10	+3	70	0	0	3
NAG' HAMÂDI	00	8	00	0	0	0	—	13.6	-6.0	13.7	28	—	10	—	69	0	0	—
QENA	02	7	22	2	0	5	4	14.0	-4.9	15.0	28	+5	11	+3	55	0	0	—
LUXOR	01	7	30	2	1	4	1	15.0	-4.2	15.7	30	[illegible]	9	[illegible]	46	0	0	—
ASWÂN	02	9	32	2	1	5	1	13.0	-6.0	19.0	32	+8	17	+6	32	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	18.0	-2.7	4.0	18	-3	1	-3	67	0	0	4
BAHARÎYA	03	9	00	0	2	8	—	—	—	10.2	20	0	6	+1	72	0	0	4
KHÂRGA	02	9	32	1	2	5	6	15.6	-3.6	14.0	30	+7	12	+5	62	0	0	—
DÂKHLA	12	7	28	2	2	6	6	16.7	-3.8	13.0	28	+6	10	+4	40	0	0	—
RED SEA																		
TÔR	00	6	28	4	0	0	—	13.6	-4.4	20.5	29?	+7	18?	+9	54	0	0	6
HURGHÂDA	02	6	28	4	2	7	4	13.1	-4.7	19.6	25	+2	15	+4	74	0	0	3
Q'USEIR	01	8	26	1	1	4	1	13.5	-4.1	20.0	26	+2	16	+1	81	0	0	4
PORT SÛDÂN	01	8	30	1	8	4	6	13		27					79	tr	139	81
NORTH SÛDÂN																		
WÂDI HALFA	01	8	30	2	1	3	1	13		18					30	0	dr.	—
KAREIMA	00	8	00	0	0	0	—	11		22					44	0	dr.	1
'ATBARA	00	8	32	1	0	0	—	11		23					57	0	dr.	2
KHARTÛM	00	7	32	3	0	0	—	10		22					41	0	2	4
KASSALA	00	8	04	2	0	0	—	7		30					33	0	1	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	7	00	0	0	0	—	9		24					34	0	16	12
RENK												—		—		—	—	49
ROSEIRES	01	8	32	1	1	4	4	10		22					61	0	21	36
EL OBEID	00	9	28	2	0	0	—	9		22					29	0	69	16
EL FÂSHER	00	8	32	3	0	0	—	—	—	13					72	0	4	6
GENEINA	00	9	00	0	0	2	1	—	—			—		—		—	—	4
KADUGLI	02	8	12	2	1	5	2	11		22		—		—	38	—	—	89
S. SÛDÂN																		
MALAKÂL	01	8	02	1	1	5	4	9		26					48	0	112	88
WÂU	01	8	00	0	0	3	4	9		21					74	0	159	143
JUBA		7	12	1	0	2	4	10		22					57	0	212	142

UPPER WINDS ON 28th (الرياح العليا يوم ٢٨)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	h. m.	h. m.	7 h. m.	h. m.	7 h. m.	7 h. 15 m.	7 h. 15 m.	7 h. 15 m.	7 h. m.
					02 34 30		02 35 15	09 09 10	09 03 35	09 08 05	09 05 15
					05 35 35		05 17 15	15 11 05	15 04 10	15 15 10	15 11 10
					10 32 25		10 11 05	21 21 20	21 20 10	21 21 30	21 24 20
					15 20 30		15 07 05	27 30 15	27 12 05	27 26 15	24 24 25
							20 20 25	33 23 10	30 17 05	31 11 25	30 24 25
							25 28 10				39 35 20

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6 h. 30 m.	7 h. m.	7 h. 30 m.	7 h. m.	h. m.	7 h. m.
09 08 20	09 14 30	09 02 10	09 25 10		09 04 35
15 05 25	15 14 05	15 20 05	15 06 15		15 03 25
21 02 20	21 12 20	21 31 05	21 06 00		21 04 05
27 25 20	27 06 15	27 29 10	24 01 05		27 04 20
33 03 20		29 21 10			33 06 40
39 31 15					

CYPRUS SYNOPTIC 8h. ON 28th

34724 01972 28213 1211z xxxxx 97xxx
34880 00862 14212 1316z 60104 00xxx

UPPER AIR TEMP ALMÂZA AT 6h. G.M.T. ON 28th

HEIGHT feet	PPP mb.	TT °C	Td °C
Surface	1006	53	47
500	989	51.5	46
1000	970	54.5	46
1500	952	51	46
2000	935	50	46
4000	869	46	36
6000	806	44.5	35.5
8000	747	42.5	32.5
10000	692	35	29.5
12000	640	31	26
14000	591	21	21
16000	545	14	14

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.

PRESENT WEATHER (ww)

	ww
Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist	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)

	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	V
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 AMOUNT (N)

	N
Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

	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

DAILY WEATHER REPORT

CAIRO
Time of Sunrise 06 h. 50 m.
Sunset 17 h. 04 m.

Month December 1946 شهر ديسمبر ١٩٤٦

At 14h. on Saturday 28th — الساعة ١٤ يوم السبت ٢٨/١٢ ; At 20h. on 28th — الساعة ٢٠ يوم السبت ٢٨

Station	Present Weather ww (14h)	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	Present Weather ww (20h)	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	24	2	0	0	—	13.9	18.5	34	0	00	9	16	1	0	0	—	15.5	11.8	39	0	131
MARIUT	00	8	23	3	0	3	8,4	14	19	46	0	00	7	00	0	0	0	—	16	11	88	0	150
ALEXANDRIA	01	9	24	5	2	3	8	14.3	17.4	55	0	01	6	12	1	2	3	4	17.1	14.6	61	0	132
DAMIETTA	01	8	20	2	1	3	8	14.4	19.9	48	0	00	7	16	1	1	0	—	15.9	11.7	79	0	159
PORT SA'ÎD	01	7	26	3	1	3	3	14.7	18.7	53	0	00	7	20	3	0	0	—	16.4	14.5	76	0	134
EL 'ARÎSH	13	6	24	3	2	7	3	14.4	16.9	60	0												135
LOWER EGYPT																							
DAMANHÛR	00	7	20	3	0	0	—	14.6	19.3	46	0	00	6	20	3	0	0	—	15.5	13.3	82	0	136
MANSÛRA	01	8	24	2	1	4	0	15.0	18.8	51	0	00	6	28	1	1	0	—	16.7	10.8	77	0	137
TANTA	00	8	28	2	0	0	—	15.1	17.8	55	0	00	8	00	0	0	0	—	16.2	10.8	77	0	138
ZAGAZIG	01	6	24	2	1	4	8	15.5	17.4	61	0	00	6	24	2	0	0	—	17.0	11.0	81	0	139
SHEBÎN EL KÔM	00	8	26	2	1	1	8	15.4	19.8	43	0	00	7	30	1	0	0	—	16.6	12.6	58	0	—
MIDDLE EGYPT																							
CAIRO ALMAZA	01	8	28	1	2	5	4,5	16.2	15.3	52	0	00	7	00	0	0	0	—	16.9	10.9	53	0	141
CAIRO EZBEKÎYA	05	7	30	1	2	5	4	15.2	16.0	52	0	00	6	00	0	0	0	—	17.0	12.6	61	0	—
CAIRO GÎZA	01	8	28	2	1	5	5	15.5	16.6	49	0	05	7	00	0	0	0	—	16.8	9.1	81	0	—
HELWÂN	02	6	30	2	2	5	4	15.4	15.1	47	0	00	7	04	2	0	0	—	17.0	12.6	51	0	143
SUEZ	13	8	32	1	2	8	5	15.5	16.4	52	0	00	9	32	1	0	0	—	17.6	14.0	57	0	144
UPPER EGYPT																							
FAIYÛM	02	8	00	0	2	7	5	15.4	16.2	56	0	00	8	32	1	0	0	—	17.0	10.9	81	0	153
MINYA	02	8	30	2	2	7	5	15.6	15.0	49	0	02	8	32	1	2	7	4	16.7	12.4	70	0	154
ASYÛT	02	7	26	1	2	6	5	15.2	16.0	49	0	02	6	28	1	2	5	5	16.2	12.0	76	0	155
NAG' HAMADI	00	8	00	0	0	0	—	14.0	17.5	57	0	00	8	00	0	0	0	—	15.2	14.6	56	0	164
QENA	09	6	02	3	9	5	4		22	80	0	02	5	24	2	2	6	4	13.5	16.0	61	0	156
LUXOR	02	7	10	2	2	5	5	12.4	26.6	39	0	03	6	14	2	2	8	3	13.9	17.0	61	0	157
ASWÂN	02	9	30	2	1	5	1	10.0	29.0	29	0	00	9	32	2	0	0	—	12.0	24.0	33	0	158
WESTERN DESERT																							
SÎWA																							148
BAHARÎYA												00	—	00	0	0	0	—		10.5	74	0	149
KHÂRGA	02	9	24	2	2	5	6	14.8	19.8	33	0	00	9	32	1	0	0	—	14.6	16.3	34	0	151
DAKHLA	03	7	28	2	2	8	9	15.4	16.7	32	0	01	7	28	1	1	5	6	18.2	10.5	40	0	152
RED SEA																							
TÔR												00	6	12	4	0	0	—	14.7	20.4	47	0	145
HURGHADA	03	6	30	4	2	8	4	11.8	21.6	71	0	03	6	28	5	2	8	4	13.6	19.3	68	0	146
QUSEIR	01	8	02	2	1	3	4	11.5	24.2	93	0	03	8	32	2	2	8	5	13.2	23.3	87	0	147
PORT SÛDÂN	01	9	08	3	1	4	8	11	29	70	0												208
NORTH SÛDÂN																							
WÂDI HALFA	01	8	32	2	1	3	2	9	31	22													165
KAREIMA	00	8	00	0	0	0	—	8	34	20													166
'ATBARA	00	8	04	1	0	0	—	6	35	22													167
KHARTÛM	00	8	32	2	0	0	—	6	36	17													209
KASSALA	00	8	02	2	0	0	—	3	38	13													170
CENTRAL SÛDÂN																							
WAD MEDANI	00	8	28	3	0	0	—	4	37	17													171
RENK	00	8	32	3	0	0	—	3	37	24													182
ROSEIRES	00	8	04	1	0	0	—	5	39	38													172
EL OBEID																							174
EL FASHER	00	9	00	0	0	1	1	—	33	23													175
GENEINA	00	8	08	1	0	0	—	—	34	09													179
KADUGLI	01	8	20	1	1	4	1	4	37	33													187
S. SÛDÂN																							
MALAKAL	00	8	12	2	0	1	4	5	36	22													176
WÂU	01	8	32	2	1	4	8,4	3	36	22													177
JUBA	01	8	06	2	0	3	8	3	37	20													178

UPPER WINDS ON 28th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	12 h. 30 m.	13 h. 15 m.	13 h. m.	12 h. 45 m.	13 h. m.	h. m.	13 h. 15 m.	h. m.	13 h. m.	13 h. m.	h. m.	13 h. 25 m.	12 h. 45 m.
	03 25 35		03 33 20	03 01 15	03 28 05		09 12 05		09 04 15	09 34 15		09 04 05	09 13 05
	06 27 20	06 25 15	06 30 15	06 33 15	06 27 05		15 29 05		15 04 15	15 34 20		15 07 10	15 10 15
	09 24 20	09 22 25	09 25 20	09 30 05	09 18 20		27 24 15		21 01 20	21 02 15		21 04 20	21 08 15
	15 25 30	15 27 05	15 23 40	15 25 30			33 22 20		24 01 20	27 02 10		27 04 30	27 11 15
	21 26 35			21 24 60			39 23 30					33 04 25	33 10 25
												39 02 25	39 09 25

Remarks

Hours are Egyptian standard time, long 30 E. and are two hours fast on Greenwich mean time

Mean of day

Station	Humidity % on 28th	Diff from normal	Wet bulb temp °C on 28th	Diff from normal
Alexandria	64	-1	11.3	-1.2
Ezbekiya	53	-16	9.5	-1.4
Giza	71	-3	9.4	-1.2
Helwân	52	-5	9.0	-1.0

GÎZA — GRASS MINIMUM TEMP. ON 29th -1.2 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 29th 15.9 °C

Discharges at Aswân measured by sluices m³ per sec.	Date	1946	1945
	29-12	1504	1505
	28-12	1504	1563

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	29—12			13.00	-0.42
Nâsser				10.51	+2.55
Malakâl		12.92	+1.10	12.92	+1.06
J. Aulia Res.				377.19	—
J. Aulia D.S				372.49	+0.31
Roseires		13.18	+0.65	13.20	+0.64
Sennar Res.				20.72	—
Khartûm				11.61	+0.25
Kh. el Girba					
'Atbara		11.19	+0.29	11.20	+0.29
Kajnarti		134.81	+0.51		
Aswân Res.		120.30	—	120.27	—
Aswân D.S		86.19	0.00	86.19	0.00
Roda (Cairo)		15.40	+0.42	15.75	+0.74

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on Sunday 29th — الساعة ٨ يوم الأحد ٢٩

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C	Max Diff. from norm. °C	Minimum Today °C	Min Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Norm. from Oct. 1 mms.
MEDITERRANEAN																		
SALÛM												—		—				40
MATRÛH	00	9	18	2	0	3	8	15.4	-3.2	7.8	19	0	6	-4	53	0	30	69
MARIUT	02	7	00	0	1	6	4,2	16		8	19	—	8	—	88	0	64	67
ALEXANDRIA	02	8	00	0	2	5	4	16.2	-2.7	11.4	19	0	10	-1	71	0	54	92
DAMIETTA	08	4	16	1	4	5	5	15.6	-2.4	9.8	20	—	7	—	95	0	3	38
PORT SA'ÎD	03	5	18	3	2	8	3	15.6	-2.1	12.7	19	0	10	-1	92	0	4	30
EL 'ARÎSH	13	6	00	0	2	7	3	17.5	-1.2	9.3	19	0	7	-1	87	0	13	32
LOWER EGYPT																		
DAMANHÛR	08	4	20	2	1	4	1	15.6	-3.0	8.2	20	0	6	-2	87	0	50	34
MANSÛRA	01	7	12	1	1	4	6	15.6	-3.0	8.0	20	0	5	-3	86	0	5	15
TANTA	02	8	00	0	1	5	8	16.0	-3.1	6.4	19	-2	4	-3	93	0	3	13
ZAGAZIG	02	6	08	1	2	5	8	15.5	-3.7	5.8	19	-1	4	-3	91	0	dr.	9
SHEBÎN EL KÔM	01	7	02	1	1	4	4	16.3	-2.9	7.3	21	—	5	—	86	0	dr.	—
MIDDLE EGYPT																		
CAIRO ALMAZA	05	6	05	2	1	6	2	14.9	-4.5	9.6	19	—	8	—	74	0	1	—
CAIRO EZBEKÎYA	08	4	02	1	4	6	1	15.4	-4.0	9.8	17	-3	6	-2	76	0	dr.	8
CAIRO GÎZA	03	7	30	1	2	8	2	15.8	-3.7	6.3	17	-3	2	-4	84	0	1	9
HELWÂN	02	6	04	4	2	7	2	14.6	-5.0	11.9	16	-3	9	0	67	0	1	8
SUEZ	02	8	32	1	2	7	2	15.9	-2.9	12.0	17	-4	8	-2	76	0	dr.	8
UPPER EGYPT																		
FAIYÛM	02	6	00	0	2	7	5	15.0	-4.4	8.0	17	-4	6	-1	79	0	dr.	2
MINYA	02	8	30	1	2	7	4	15.1	-4.7	8.6	15	-5	7	0	73	0	dr.	—
ASYÛT	02	7	20	1	2	6	6	15.1	-5.1	10.0	20	0	10	+4	72	0	0	3
NAG' HAMÂDI												—		—			0	—
QENA	13	7	24	2	2	7	4	14.3	-4.6	13.6	22	-1	11	+4	68	0	0	—
LUXOR	03	7	10	3	2	8	5	14.7	-4.5	15.0	28	[illegible]	12	[illegible]	68	0	0	—
ASWÂN	02	9	00	0	1	5	4	13.6	-5.4	18.2	30	+6	16	+5	43	0	0	—
WESTERN DESERT																		
SÎWA																	0	4
BAHARÎYA	01	9	00	0	1	4	—			9.0	17	-3	6	+1	73	0	0	4
KHÂRGA	02	9	32	1	2	5	6	13.9	-5.4	15.5	20	-3	13	+6	39	0	0	—
DÂKHLA	03	7	28	1	2	8	6	15.0	-5.6	11.8	17	-5	11	+6	39	0	0	—
RED SEA																		
TÔR	00	6	04	3	0	0	—	15.4	-2.6	17.2	20	-2	14	+5	43	0	0	6
HURGHÂDA	03	6	26	3	2	8	4	14.2	-3.6	16.7	22	-1	15	+4	60	0	0	3
QUSEIR	03	8	30	2	2	8	7	13.5	-4.1	21.0	25	+2	20	+5	70	0	0	4
PORT SÛDÂN	01	9	30	2	0	3	6	13		27					79	0	139	82
NORTH SÛDÂN																		
WÂDI HALFA	00	8	00	0	0	2	2	13		17					42	0	dr.	—
KAREIMA	00	8	00	0	0	0	—	11		22					65	0	dr.	1
'ATBARA	00	8	04	3	0	0	—	11		22					57	0	dr.	2
KHARTÛM	00	7	30	3	0	2	1	9		23					34	0	2	4
KASSALA	00	8	00	0	0	0	—	9		27					45	0	1	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	7	06	3	0	2	1	8		24					47	0	15	12
RENK	00	8	32	2	0	0	—	9		25		—		—	36	—	—	49
ROSEIRES	00	8	04	1	0	0	—	7		21					65	0	21	36
EL OBEID	01	8	30	2	1	4	2	10		22					27	0	69	16
EL FÂSHER	00	8	02	1	0	0	—	—	—	14					41	0	4	6
GENEINA	00	8	04	2	0	0	—	—	—	13		—		—	38	—	—	4
KADUGLI	00	8	28	3	0	0	—	9		26		—		—	28	—	—	89
S. SÛDÂN																		
MALAKÂL	00	8	00	0	0	1	4	8		25					48	0	112	88
WÂU	02	8	00	0	1	6	4,5	8		21					74	0	159	143
JUBA	05	7	16	1	1	8	4,2	9		23					69	0	212	142

UPPER WINDS ON 29th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	h. m.	h. m.	7 h. m.	h. m.	h. m.	7 h. 15 m.	7 h. 15 m.	h. m.	h. m.
					02 29 10			09 07 20	09 06 20		
					05 24 05			15 15 15	15 11 30		
					10 22 10			21 07 15	21 12 10		
					Ent. St.			27 27 15	27 28 10		
								33 26 35	33 27 05		

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. 15 m.	7 h. 45 m.	7 h. m.	h. m.	7 h. 15 m.	h. m.
09 10 20	09 12 40	09 01 35		09 06 20	
15 04 20	15 15 40	15 04 40		15 14 15	
21 05 15	21 14 20	21 05 30		21 15 15	
27 09 05	27 30 05	27 05 15		27 19 30	
		33 29 05		33 20 25	
		39 25 15		39 17 15	

UPPER AIR TEMP. ALMÂZA AT G.M.T. ON

HEIGHT feet	P.P.P m.b.	TT °F	
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h. ON 29th

34704 00990 30362 16100 60404 05091
34824 00961 16101 17080 64405 00061

ANNUAL SUBSCRIPTION P.T. 150

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	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 AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	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.

CAIRO
Time of Sunrise h. 06 m. 50
Sunset h. 17 m. 04

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month DECEMBER 1946 — شهر ديسمبر ١٩٤٦

At 14h. on SUNDAY 29th (الساعة ١٤ يوم ٢٩) — At 20h. on 29th (الساعة ٢٠ يوم الأحد ٢٩)

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN: SALÛM																							130
MATRÛH	00	9	18	3	0	0	—	13.2	17.5	29	0	00	9	00	0	0	0	—	14.7	9.9	45	0	131
MARIUT	01	8	11	1	1	3	2	14	20	41	0	01	7	20	1	1	4	1	15	10	62	0	150
ALEXANDRIA	01	9	16	2	2	3	5	13.9	18.4	44	0	00	6	20	2	0	0	—	15.2	14.0	57	0	132
DAMIETTA	01	8	06	3	1	4	5	13.5	17.8	62	0	40	2	14	1	4	3	3	13.6	12.2	96	0	159
PORT SA'ÎD	03	7	06	2	2	8	5	13.8	18.1	67	0	01	7	06	2	1	4	2	14.0	15.2	85	0	134
EL 'ARÎSH	02	6	32	1	0	6	3	13.4	17.1	90	0	02	6	00	0	0	5	—	15.5	13.8	81	0	135
LOWER EGYPT: DAMANHÛR	01	7	12	3	1	4	1	14.0	18	58	0	01	6	20	3	1	4	1	14.2	13.0	84	0	136
MANSÛRA	01	8	12	1	1	4	0	13.8	19.4	58	0	00	6	08	1	1	0	—	14.4	13.6	78	0	137
TANTA	01	8	24	2	1	5	8	13.8	18.1	63	0	00	8	00	0	1	0	—	14.6	11.4	96	0	138
ZAGAZIG	02	6	04	2	2	7	8	14.2	16.8	69	0	09	6	24	1	0	0	—	15.5	13.0	89	0	139
SHEBÎN EL KÔM	01	8	04	2	1	4	4	14.2	17.8	61	0	01	7	02	1	1	4	5	14.8	13.4	85	0	—
MIDDLE EGYPT: CAIRO ALMÂZA	05	6	30	2	2	8	5	13.2	16.5	49	0	03	7	00	0	2	8	2	14.6	11.9	76	0	141
CAIRO EZBEKÎYA	05	7	28	1	1	8	5	13.5	17.0	63	0	09	5	00	0	1	5	4	15.6	13.8	80	0	—
CAIRO GÎZA	03	7	30	2	2	8	5	13.8	16.7	94	0	05	6	00	0	1	4	2	15.4	10.2	94	0	—
HELWÂN	02	5	00	0	2	8	5	13.5	16.8	53	0	05	4	00	0	2	8	2	14.8	12.9	78	0	143
SUEZ	13	8	16	1	2	8	5	13.6	19.0	57	0	01	9	32	1	1	5	2	15.2	14.8	83	0	144
UPPER EGYPT: FAIYÛM	02	8	00	0	2	7	5	13.5	15.5	60	0	02	6	00	0	2	7	5	15.0	12.9	83	0	153
MINYA	03	8	12	2	2	8	2	13.2	17.1	50	0	02	8	30	1	2	6	5	14.6	16.0	55	0	154
ASYÛT	01	7	30	1	1	5	6	13.2	17.6	49	0	01	6	28	1	1	5	6	14.7	14.0	67	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	12.3	19.7	47	0	00	8	00	0	0	0	—	14.0	17.0	73	0	164
QENA	02	7	24	2	2	7	4	11.8	21.6	55	0	02	6	24	1	2	6	4	12.8	18.2	72	0	156
LUXOR	03	7	06	3	2	8	5	11.4	26.0	57	0	03	6	06	2	2	8	5	11.2	20.0	81	0	157
ASWÂN	02	9	00	0	1	5	1	10.0	29.4	34	0	00	9	00	0	0	0	—	12.0	25.6	38	0	158
WESTERN DESERT: SÎWA	00	8	00	0	0	0	—	15.9	17.0	43	0	00		00	0	0	0		15.4	6.3	61	0	148
BAHARÎYA	01	9	00	0	1	4	—		18.0	44	0												149
KHÂRGA	02	9	32	1	2	6	6	11.8	23.3	30	0	02	9	32	2	2	6	6	13.6	21.5	29	0	151
DAKHLA	01	8	24	1	1	5	3	12.4	23.3	27	0	03	6	28	1	2	8	6	13.5	21.0	23	0	152
RED SEA: TÔR	00	6	28	3	0	0	—	13.8	20.5	62	0	00	6	28	3	0	0	—	13.9	22.4	59	0	145
HURGHÂDA	02	6	02	1	2	6	4	12.4	22.4	72	0	03	6	28	1	2	8	4	13.6	19.6	77	0	146
QUSEIR	03	8	32	2	2	8	7	13.4	23.4	77	0	03	8	32	1	2	8	7	13.2	23.3	87	0	147
PORT SÛDÂN	01	8	10	3	1	4	8	11	29	66													[illegible]
NORTH SÛDÂN: WÂDI HALFA	00	8	32	1	0	3	1	9	31	26													165
KAREIMA	00	8	00	0	0	0	—	8	35	18													166
'ATBARA	00	8	08	1	0	0	—	5	36	20													167
KHARTÛM	00	8	02	4	1	1	1	5	37	10													[illegible]
KASSALA	00	8	02	3	0	0	—	3	38	13													170
CENTRAL SÛDÂN: WAD MEDANI	00	8	30	3	0	2	1	3	38	09													171
RENK																							182
ROSEIRES	00	8	04	1	0	0	—		38	17													172
EL OBEID	02	8	04	2	1	5	2	4	35	13													174
EL FÂSHER	00	8	24	2	0	0	—	—	33	26													175
GENEINA	00	8	00	0	0	0	—	—	35	12													179
KADUGLI	00	8	04	2	0	0	—	5	37	13													187
S. SÛDÂN: MALAKÂL	00	8	04	2	0	0	—	3	38	13													176
WÂU	01	8	02	3	1	3	2,4	2	37	17													177
JUBA	05	7	12	2	1	3	8,1	3	38	15													178

UPPER WINDS ON 29th (الرياح العليا يوم ٢٩)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	12h 45m.	h. m.	h. m.	h. m.	13h. 15m.	13h. m.	h. m.	13h. m.	13h. m.	13h. m.	13h. 15m.
			03 36 15				09 15 15	09 10 05		09 06 15	09 03 20	09 05 35	09 07 05
			06 15 05				15 17 30	15 15 10		15 04 10	15 02 20	21 05 30	15 09 10
			09 22 25				21 24 05	21 23 10		21 03 10	21 02 20	27 05 25	21 16 20
			12 19 35				27 26 25	27 27 10		27 36 10	27 02 30	33 05 30	27 20 40
			15 19 45				33 27 25	39 27 10		33 02 30	33 02 30	39 05 30	33 11 35
			18 02 40									45 05 20	39 08 45
			21 08 40										
			24 09 20										

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 29th	Diff from normal	Wet bulb temp °C on 29th	Diff from normal
Alexandria	59	-6	10.4	-2.1
Ezbekîya	71	+2	11.1	+0.3
Gîza	82	+8	9.2	-1.4
Helwân	67	+9	10.7	+0.8

GÎZA — GRASS MINIMUM TEMP on 30th 2.1 °C

CAIRO — WATER TEMP RIVER NILE AT 8h. on 30th 15.7 °C

Discharges at Aswân measured by sluices m³ per sec.	1946	1945
30th	1504	1505
29th	1504	1505

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	30th				
Nâsser					
Malakâl				12.92	+1.10
J. Aulia Res.					
J. Aulia D.S					
Roseires				13.18	+0.65
Sennar Res.				20.71	—
Khartûm					
Kh. el Girba					
'Atbara				11.19	+0.29
Kajnarti		134.78	+0.50	134.81	+0.51
Aswân Res.		120.40	—	120.30	—
Aswân D.S		86.18	-0.01	86.19	0.00
Roda (Cairo)		15.09	+0.13	15.00	+0.12

At 8h. on MONDAY 30th (الساعة ٨ يوم الاثنين ٣٠)

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Norm. from Oct 1 mms.
MEDITERRANEAN: SALÛM												—		—				41
MATRÛH	00	9	18	1	0	0	—	18.4	-0.2	7.3	18	-1	6	-3	47	0	30	70
MARIUT	01	7	19	2	0	3	1	17		10	20	—	8	—	67	0	64	68
ALEXANDRIA	01	9	20	1	1	4	8	16.8	-2.1	12.7	19	0	9	-2	71	0	54	94
DAMIETTA	01	8	20	1	1	4	1	16.4	-1.6	9.4	19	—	8	—	76	0	3	39
PORT SA'ÎD	01	6	22	4	1	4	1	17.4	-0.3	13.8	19	0	12	+1	72	0	4	31
EL 'ARÎSH	02	7	20	1	0	6	3	16.7	-2.0	12.2	18	-1	11	+3	87	0	13	33
LOWER EGYPT: DAMANHÛR	01	6	24	2	1	4	1	17.0	-1.6	8.0	19	-1	6	-2	69	0	50	35
MANSÛRA	01	8	18	2	1	4	0	17.1	-1.5	8.2	21	+1	7	-1	77	0	5	15
TANTA	01	8	20	1	1	4	1	17.6	-1.5	7.4	18	-3	5	-2	82	0	3	13
ZAGAZIG	01	6	20	3	1	4	8	17.8	-1.4	8.6	17	-3	5	-2	87	0	dt.	9
SHEBÎN EL KÔM	00	8	18	1	0	2	1	18.2	-1.0	8.2	19	—	6	—	74	0	dt.	—
MIDDLE EGYPT: CAIRO ALMAZA	01	7	00	0	1	5	4,1	18.2	-1.2	8.9	18	—	8	—	72	0	1	—
CAIRO EZBEKÎYA	09	5	00	0	0	5	1	18.4	-1.0	11.1	17	-3	9	+1	74	0	dt.	8
CAIRO GÎZA	09	5	22	1	2	6	1	18.6	-0.9	6.9	17	-3	6	0	93	0	1	9
HELWÂN	05	5	00	0	2	8	1	18.3	-1.3	10.0	18	-1	9	0	73	0	1	8
SUEZ	13	8	32	1	2	8	5	19.0	+0.2	11.8	20	-1	11	+1	81	0	dt.	8
UPPER EGYPT: FAIYÛM	02	7	00	0	4	7	5	18.3	-1.1	9.5	17	-4	8	+1	84	0	dt.	2
MINYA	02	8	32	1	2	7	5	17.8	-2.0	11.3	18	-2	8	+1	68	0	dt.	—
ASYÛT	03	6	22	1	1	8	5	17.0	-3.2	12.0	20	0	11	+5	65	0	0	3
NAG' HAMÂDI	00	8	00	0	0	0	—	16.7	-2.9	14.3	20	—	12	—	60	0	0	—
QENA	05	6	28	3	2	4	4	15.5	-3.4	15.0	22	-1	12	+5	61	0	0	—
LUXOR	01	7	08	1	1	4	1	16.0	-3.2	20.0	27	+3	13	+7	55	0	0	—
ASWÂN	01	9	32	1	1	3	1	14.2	-4.8	19.8	32	+8	17	+6	70	0	0	—
WESTERN DESERT: SÎWA	00	7	00	0	0	0	—	19.5	-1.2	1.3	18	-2	-1	-5	94	0	0	4
BAHARÎYA																	0	4
KHÂRGA	02	9	32	2	2	5	9	17.1	-2.2	18.5	25	+2	14	+7	27	0	0	—
DÂKHLA	03	7	28	2	2	8	6	17.2	-3.4	15.3	24	+2	11	+6	37	0	0	—
RED SEA: TÔR	00	6	04	3	0	0	—	15.6	-2.4	20.1	22	+1	18	+9	67	0	0	6
HURGHÂDA	03	6	28	2	2	8	4	14.4	-3.5	20.6	23	0	16	+5	79	0	0	3
QUSEIR	03	8	28	1	2	8	7	13.8	-3.8	22.2	25	+2	20	+5	89	0	0	4
PORT SÛDÂN	01	8	30	2	0	4	6	14		27					79	0	139	83
NORTH SÛDÂN: WÂDI HALFA																0	dt.	—
KAREIMA																0	dt.	1
'ATBARA	00	8	04	3	0	0	—	11		22					61	0	dt.	2
KHARTÛM	00	7	32	2	0	0	—	10		22					29	0	2	4
KASSALA	00	8	00	0	0	0	—	9		22					61	0	1	8
CENTRAL SÛDÂN: WAD MEDANI	00	7	06	2	0	0	—	9		23					41	0	15	12
RENK	00	9	04	2	0	0	—	9		28		—		—	19	—	—	49
ROSEIRES	00	8	32	1	0	0	—	10		21					50	0	21	36
EL OBEID	00	8	30	1	0	0	—	10		23					22	0	69	16
EL FÂSHER	00	8	32	2	0	0	—	—	—	17					52	0	4	6
GENEINA	00	8	04	2	0	0	—	—	—	15		—		—	42	—	—	4
KADUGLI												—		—		—	—	89
S. SÛDÂN: MALAKÂL	00	8	08	2	0	0	—	8		23					65	0	112	88
WÂU	00	8	30	1	0	0	—	8		22					61	0	159	143
JUBA	05	7	28	1	0	1	1	9		18					73	0	212	143

UPPER WINDS ON 30th (الرياح العليا يوم ٣٠)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	9h. 21m.	h. m.	7h. m.	7h. m.	h. m.	h. m.	9h. m.	h. m.	6h. 30m.
			00 00 0		02 33 25	03 03 05			09 11 30		09 05 35
			02 33 10		05 35 25	06 03 05			15 13 40		15 06 30
			05 33 25		10 02 05	09 03 05			21 13 40		21 03 15
			08 31 10		15 21 40	12 02 10			27 08 20		24 03 15
			10 24 10						33 08 20		
			15 22 20						39 22 15		
			20 26 45								
			25 23 65								
			28 23 69								

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7h. m.	7h. 15m.	7h. m.	h. m.	7h. 15m.	7h. m.
09 10 30	09 10 10	09 05 40		09 13 10	09 04 50
15 06 20	15 12 30	15 05 35		15 14 20	
21 04 20	18 13 30	21 02 25		21 14 15	21 05 55
27 34 10		27 31 10		24 14 20	24 05 65
33 26 15		33 25 10		33 18 10	
39 23 20		39 23 10			

CYPRUS SYNOPTIC 8h. ON 30th

34730 01964 28214 14120 90406 00080
34253 10853 12213 14121 00401 00070

UPPER AIR TEMP. ALMÂZA AT 6h. G.M.T ON 30th

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	1008	48	45
500	990	52	47
1000	972	52	46
1500	954	51	44
2000	937	49	42
4000	871	50	38
6000	808	50	36
8000	749	46	32
10000	693	39	27
12000	641	33	27
14000	592	23	20
16000	546	16	15

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.

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 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 AMOUNT (N)

- Clear 0
- Trace 1
- 1 Tenth 2
- 2, 3 Tenths 3
- 4, 5, 6 Tenths 4
- 7, 8 Tenths 5
- 9 Tenths 6
- Over 9 Tenths 7
- Overcast 8
- Fog or Dust 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

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CAIRO

Time of Sunrise h. 06 m. 51
Sunset h. 17 m. 05

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month DECEMBER 1946 — شهر ديسمبر ١٩٤٦

At 14h. on MONDAY 30th — الاثنين ٣٠ — الساعة ١٤ يوم

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force f	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 8-14 mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	9	26	2	0	3	8	16.6	16.8	32	0	131
MARIUT	01	8	26	3	2	5	2	17	18	52	0	150
ALEXANDRIA	02	9	24	3	2	5	4	16.8	18.0	44	0	132
DAMIETTA	01	8	26	3	1	5	5	16.2	16.1	62	0	159
PORT SA'ÎD	03	7	26	3	2	8	3	16.4	17.9	57	0	134
EL 'ARÎSH	02	9	24	4	2	8	4	16.3	17.7	65	0	135
LOWER EGYPT												
DAMANHÛR	01	7	28	3	1	4	3	17.0	18.3	46	0	136
MANSÛRA	01	8	20	1	1	4	6	17.0	18.5	48	0	137
TANTA	01	8	24	1	1	5	1	17.0	17.4	51	0	138
ZAGAZIG	01	6	24	2	1	4	8	17.6	17.4	56	0	139
SHEBÎN EL KÔM	01	8	02	2	1	4	5	17.4	18.9	39	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	02	7	28	2	2	6	4,5	17.3	16.1	42	0	141
CAIRO EZBEKÎYA	02	7	32	1	2	8	2	17.5	16.6	39	0	—
CAIRO GÎZA	02	6	30	1	2	6	5	17.5	17.1	35	0	—
HELWÂN	02	8	28	3	2	7	2	17.4	16.2	33	0	143
SUEZ	13	8	32	1	2	8	5	17.6	16.6	48	0	144
UPPER EGYPT												
FAIYÛM	02	8	00	0	2	7	5	17.6	16.5	42	0	153
MINYA	02	8	02	2	2	7	5	17.0	17.2	35	0	154
ASYÛT	03	7	20	1	3	8	5	16.3	15.3	68	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	13.9	21.7	47	0	164
QENA	01	7	24	2	2	4	3	12.8	22.3	59	0	156
LUXOR	02	7	04	1	2	5	1	13.1	23.0	57	0	157
ASWÂN	01	9	00	0	1	3	1	10.7	30.6	44	0	158
WESTERN DESERT												
SÎWA												148
BAHARÎYA	01	9	32	1	1	4	—	18.7	18.0	53	0	149
KHÂRGA	02	9	32	2	2	5	6	13.0	22.8	19	0	151
DAKHLA	02	8	32	2	2	5	6	15.0	22.0	25	0	152
RED SEA												
TÔR												145
HURGHÂDA	03	6	30	4	2	8	4	13.2	21.9	69	0	146
QUSEIR	02	8	04	2	2	5	5	13.1	24.8		0	147
PORT SÛDÂN	01	8	12	3	1	3	8	11	29	35		289
NORTH SÛDÂN												
WÂDI HALFA												165
KAREIMA												166
'ATBARA	00	8	32	2	0	0	—	5	34	16		167
KHARTÛM	00	8	04	3	0	0	—	5	36	15		289
KASSALA	00	8	04	1	0	0	—	2	38	15		170
CENTRAL SÛDÂN												
WAD MEDANI	00	8	28	3	0	0	—	3	37	13		171
RENK	00	8	32	3	0	0	—	3	37	17		182
ROSEIRES	00	8	28	1	0	0	—	4?	38	21		172
EL OBEID	00	9	32	2	0	0	—	4	36	06		174
EL FÂSHER	00	8	04	1	0	0	—	—	34	11		175
GENEINA	02	8	08	2	1	5	2	—	36	09		179
KADUGLI	00	8	12	2	0	0	—	4	38	11		187
S. SÛDÂN												
MALAKÂL	00	8	06	3	0	0	—	3	37	18		176
WÂU	00	8	04	3	0	2	8	2	37	16		177
JUBA	01	8	04	3	1	4	8,4	2	38	15		178

At 20h. on 30th — الاثنين ٣٠ — الساعة ٢٠ يوم

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force f	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 14-20 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	9	20	1	0	3	8	17.9	11.4	37	0
MARIUT	00	7	22	2	2	3	1	19	12	63	0
ALEXANDRIA	01	6	20	2	2	4	4	18.8	14.0	47	0
DAMIETTA	02	7	20	1	1	5	5	17.5	12.4	73	0
PORT SA'ÎD	03	7	18	3	2	8	2	18.4	14.2	80	0
EL 'ARÎSH	00	9	20	3	1	0	—	17.1	11.9	86	0
LOWER EGYPT											
DAMANHÛR	02	6	28	2	1	5	1	18.0	11.3	82	0
MANSÛRA	01	6	28	1	1	4	6	18.2	13.3	72	0
TANTA	01	8	00	0	1	4	1	18.4	11.0	82	0
ZAGAZIG	01	6	00	0	0	3	8	19.0	13.0	77	0
SHEBÎN EL KÔM	01	7	02	1	1	4	5	18.7	12.4	60	0
MIDDLE EGYPT											
CAIRO ALMÂZA	03	7	00	0	2	8	2	18.7	13.7	58	0
CAIRO EZBEKÎYA	03	7	00	0	2	8	4	18.7	13.2	55	0
CAIRO GÎZA	03	7	00	0	2	8	5	18.4	12.3	73	0
HELWÂN	03	7	02	2	2	8	5	18.6	14.0	47	0
SUEZ	01	9	00	0	1	5	5	19.0	14.4	49	0
UPPER EGYPT											
FAIYÛM											
MINYA	21	8	32	1	5	7	7	18.0	13.5	59	ds
ASYÛT	03	6	22	1	2	8	5	18.0	12.4	72	0
NAG' HAMÂDI	00	8	00	0	0	0	—	14.0	17.0	73	0
QENA	01	6	26	3	2	4	3	14.4	17.4	51	0
LUXOR	00	6	06	2	0	0	—	14.8	18.5	67	0
ASWÂN	00	9	32	3	0	0	—	12.3	26.0	46	0
WESTERN DESERT											
SÎWA											
BAHARÎYA	03	4	00	0	2	8	—	20.0	10.0	74	0
KHÂRGA	01	9	32	2	2	4	1	16.2	17.2	31	0
DAKHLA	02	7	28	2	2	5	6	16.3	17.7	36	0
RED SEA											
TÔR	02	6	28	5	1	6	8	15.0	21.0	56	0
HURGHÂDA	03	6	28	5	2	8	4	15.9	19.8	57	0
QUSEIR	01	8	32	3	2	4	5	14.4	23.6	86	0
PORT SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 30th — الرياح العليا يوم ٣٠

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA 12 h. m.	EL OBEID h. m.	MALAKAL 12 h. 45 m.	JUBA 12 h. m.
										09 45 05		09 09 15	09 06 30
										15 01 10		15 07 30	15 10 15
										21 24 05		39 05 30	21 10 05
										39 30 05		33 06 30	24 12 15
										33 17 05		39 10 15	

Remarks

Hours are Egyptian standard time, long 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day: HUMIDITY % on 30th	HUMIDITY Diff from normal	WET BULB TEMP °C on 30th	WET BULB TEMP Diff from normal
Alexandria	54	-12	10.4	-2.1
Ezbekîya	57	-12	9.5	-1.3
Gîza	76	+2	8.9	-1.7
Helwân	55	-3	8.7	-1.2

GÎZA — GRASS MINIMUM TEMP. ON 31st 6.0 °C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 31st 15.6 °C

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	31st	1504	1505
	30th	1504	1505

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	31st				
Nâsser				10.49	+2.70
Malakâl		12.92	+1.15	12.92	+1.12
J. Aulia Res.					
J. Aulia D.S					
Roseires		13.16	+0.67	13.16	+0.66
Sennar Res.				20.70	—
Khartûm				11.61	+0.29
Kh. el Girba					
'Atbara		11.18	+0.30	11.19	+0.30
Kajnarti				134.78	+0.50
Aswân Res.		120.41	—	120.40	—
Aswân D.S		86.18	-0.01	86.18	-0.01
Roda (Cairo)		15.13	+0.18	15.09	+0.13

Printed by the Survey of Egypt, 1946.(48/306)

At 8h. on TUESDAY 31st — الثلاثاء ٣١ — الساعة ٨ يوم

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force f	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	MAXIMUM Diff. from norm °C	MINIMUM Today °C mm	MINIMUM Diff. from norm °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms.	RAINFALL Total From Oct. 1 mms.	RAINFALL Norm. From Oct. 1 mms.
MEDITERRANEAN																		
SALÛM											—		—					41
MATRÛH	03	8	00	0	2	8	6	19.0	+0.4	9.7	17	-2	7	-2	42	0	30	71
MARIUT	03	7	21	1	0	8	4,5	18		10	18	—	9	—	67	0	64	69
ALEXANDRIA	02	8	00	0	2	7	5	18.7	-0.2	12.0	19	0	10	-1	62	0	54	96
DAMIETTA	03	6	12	2	2	8	6	18.0	0.0	10.5	19	—	9	—	68	0	3	39
PORT SA'ÎD	03	5	22	3	2	8	6	18.4	+0.7	12.3	19	0	12	+1	76	0	4	31
EL 'ARÎSH	13	9	18	2	2	8	5	18.6	0.0	13.1	19	0	10	+2	66	0	13	33
LOWER EGYPT																		
DAMANHÛR	03	6	22	2	2	8	5	18.8	+0.2	10.2	20	0	8	0	58	0	50	36
MANSÛRA	03	6	08	1	2	8	6	18.7	+0.1	10.0	20	0	9	+1	74	0	5	15
TANTA	03	7	24	1	2	8	7	19.1	0.0	9.4	18	-3	7	0	75	0	3	13
ZAGAZIG	13	6	16	2	2	7	8	19.4	+0.2	10.8	20	0	8	+1	76	0	ds	9
SHEBÎN EL KÔM	02	7	22	1	1	6	0	19.8	+0.6	10.2	20	—	7	—	71	0	ds	—
MIDDLE EGYPT																		
CAIRO ALMAZA	05	6	28	1	2	8	6	20.0	+0.6	13.0	17	—	10	—	54	0	1	—
CAIRO EZBEKÎYA	57	4	02	1	5	8	7	19.4	0.0	12.8	17	-3	11	+3	65	ds	ds	8
CAIRO GÎZA	50	6	30	1	2	8	7	19.1	-0.4	10.8	17	-2	8	+2	73	ds	1	9
HELWÂN	50	6	06	3	5	8	7	19.5	-0.1	12.0	17	-2	11	+2	65	ts	1	8
SUEZ	13	8	30	1	5	8	5	19.6	+0.8	13.0	18	-3	11	+1	70	ds	ds	8
UPPER EGYPT																		
FAIYÛM	03	8	00	0	5	8	7	19.4	0.0	11.5	17	-4	9	+2	64	ds	ds	2
MINYA	02	8	02	1	2	7	5	18.2	-1.6	11.9	18	-2	11	+4	58	ds	ds	—
ASYÛT	01	6	22	1	1	4	2	18.4	-1.8	12.0	18	-2	10	+4	65	0	0	3
NAG' HAMÂDI	00	8	00	0	0	0	—	17.6	-2.1	12.0	23	—	10	—	65	0	0	—
QENA	05	7	26	3	1	3	1	17.5	-1.5	14.0	24	+1	10	+3	59	0	0	—
LUXOR	01	7	08	2	1	4	1	17.2	-2.0	17.2	28	+8	13	+7	67	0	0	—
ASWÂN	02	9	32	3	1	5	1	15.0	-4.0	19.3	33	+8	18	+7	44	0	0	—
WESTERN DESERT																		
SÎWA																0	4	
BAHARÎYA	03	9	00	0	2	8	—	21.6	+1.4	8.0	19	-1	4	-1	72	ds	ds	4
KHÂRGA	02	9	32	2	2	5	5	17.6	-1.7	15.6	33	0	14	+7	31	0	0	—
DAKHLA	03	7	28	2	2	8	4	17.8	-2.8	13.0	23	+1	9	+4	33	0	0	—
RED SEA																		
TÔR	01	7	26	4	1	4	1	17.5	-0.5	15.9			13	+4	49	0	0	6
HURGHÂDA	01	7	26	4	1	4	1	17.5	-0.4	17.7	23	+1	15	+4	53	0	0	3
QUSEIR	02	8	26	4	2	5	6	15.9	-1.7	20.7	27	+4	20	+5	66	0	0	4
PORT SÛDÂN	01	8	28	2	1	4	8,4	13		26					79	0	139	84
NORTH SÛDÂN																		
WÂDI HALFA	02	8	04	2	1	6	1	14		18					37	0	ds	—
KAREIMA																0	ds	1
'ATBARA	00	8	32	3	0	0	—	11		22					53	0	ds	2
KHARTÛM	00	8	32	3	0	1	2	10		21					35	0	2	4
KASSALA	00	7	00	0	0	0	—	9		24					61	0	1	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	7	08	3	0	0	—	9		23					47	0	15	12
RENK	00	8	32	3	0	0	—	10?		23	—			—	34	—	—	49
ROSEIRES	00	8	30	1	0	0	—	9		21					57	0	21	36
EL OBEID	00	9	28	1	0	1	2	10		21					23	0	49	16
EL FÂSHER	01	9	32	2	0	3	1	—	—	15					32	0	4	6
GENEINA	01	8	04	2	1	3	1	—	—	15	—			—	42	—	—	4
KADUGLI	00	8	28	3	0	1	1	9		25	—			—	14	—	—	89
S. SÛDÂN																		
MALAKÂL	00	8	00	0	0	0	—	9		26					34	0	112	88
WÂU	00	8	32	1	0	0	—	8		22					15	0	159	143
JUBA	05	7	12	2	0	0	—	10		23					53	0	212	143

UPPER WINDS ON 31st — الرياح العليا يوم ٣١

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 10 h. 30 m.	MINYA h. m.	ASYÛT 7 h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI HALFA 7 h. m.	ABU HAMAD h. m.	KAREIMA h. m.	KHARTÛM h. m.
			03 34 10		03 30 00			09 08 40			
			05 33 05		05 35 05			15 06 30			
			08 36 25		10 31 05			21 04 15			
			10 34 40		15 30 15			27 01 25			
			15 33 60					33 05 15			
			30 33 65								
			33 34 50								

KASSALA 7 h. 30 m.	PORT SÛDÂN 7 h. m.	EL OBEID 7 h. m.	EL FÂSHER h. m.	GENEINA 7 h. 15 m.	MALAKAL 7 h. m.
09 08 30	09 12 30	09 05 35		09 09 30	09 03 30
15 02 30	15 13 40	15 04 30		15 10 30	15 03 55
21 06 10	21 13 45	21 35 30		21 13 30	21 03 40
39 08 05	27 16 30	27 32 30		27 15 30	27 03 30
33 16 15	33 05 10	33 13 05		33 07 05	33 05 30
39 14 35				39 05 05	39 07 10

UPPER AIR TEMP. ALMÂZA AT G.M.T ON 31st

HEIGHT PRESS	PPP m.b.	TT °C	tt °C
Surface	1008	52	47
500	990	57	45
1000	972	53	45
1500	954	51	43
2000	937	49	44
4000	871	48	36
6000	808	50	44
8000	749	43	38
10000	693	38	29
12000	641	33	23
14000			
16000			

CYPRUS SYNOPTIC 8h. ON 31st

34750 03907 28267 17110 80407 03101
34850 01852 30225 18070 50405 00070

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.

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 ... 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 AMOUNT (N)

Clear ... 0
Trace ... 1
1 Tenth ... 2
2, 3 Tenths ... 3
4, 5, 6 Tenths ... 4
7, 8 Tenths ... 5
9 Tenths ... 6
Over 9 Tenths ... 7
Overcast ... 8
Fog or Dust ... 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

ANNUAL SUBSCRIPTION P.T. 150

CAIRO

Time of Sunrise h. 6 m. 51

Sunset h. 17 m. 06

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month January 1947 — شهر يناير ١٩٤٧

1417 F.C.

At 14h. on Tuesday 31-12-1946 — الساعة ١٤ يوم ١٤٦٧/١٢/٣١

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force f	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. ppp	TEMP. °C ttt	% HUMIDITY uu	RAIN 8-14 mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	01	0	22	2	0	4	6	17.2	17.4	23	0	131
MARIUT	03	7	22	2	2	8	4,5	18	15	48	0	150
ALEXANDRIA	02	8	24	2	2	7	2	18.3	15.4	47	0	132
DAMIETTA	03	7	16	1	2	8	6	16.7	16.0	61	0	159
PORT SA'ÎD	03	6	20	3	2	8	6	17.2	15.0	71	0	134
EL 'ARÎSH	13	9	18	3	2	8	5	17.6	16.7	57	0	135
LOWER EGYPT												
DAMANHÛR	03	7	22	2	2	8	6	17.9	15.2	58	0	136
MANSÛRA	03	6	02	1	2	8	6	17.0	13.8	63	0	137
TANTA	03	7	24	1	2	8	7	17.4	13.3	76	0	138
ZAGAZIG	50	6	18	2	5	—	9	17.4	12.2	73	dr	139
SHEBÎN EL KÔM	50	7	20	2	5	8	9	18.4	12.6	69	dr	—
MIDDLE EGYPT — CAIRO												
ALMÂZA	61	5	32	1	6	8	4,5	17.8	11.7	70	dr	141
EZBEKÎYA	57	4	00	0	5	8	7	18.7	12.3	62	dr	—
GÎZA	62	7	00	0	6	8	7	17.8	11.6	73	tr	—
HELWÂN	04	3	28	3	5	8	5	17.5	12.5	70	dr	143
SUEZ	18	8	32	1	2	8	6	18.2	10.2	69	0	144
UPPER EGYPT												
FAIYÛM	03	8	00	0	2	8	7	17.8	14.0	65	0	153
MINYA	02	8	32	2	2	7	4	15.1	19.3	30	0	154
ASYÛT	01	7	26	1	1	5	6	15.5	19.7	50	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	14.4	22.0	46	0	164
QENA	01	8	24	2	1	3	1	14.2	22.0	53	0	156
LUXOR	01	7	02	2	1	4	2	14.3	26.0	56	0	157
ASWÂN	02	9	08	1	1	5	1	9.1	31.0	33	0	158
WESTERN DESERT												
SÎWA	02	8	00	0	1	8	4	20.0	17.0	43	0	148
BAHARÎYA	03	9	32	1	2	8	1	18.2			c	149
KHÂRGA	02	9	22	2	2	5	5	14.0	25.0	22	0	151
DAKHLA	01	8	04	1	1	5	4	14.4	23.7	18	0	152
RED SEA												
TÔR	03	7	28	3	0	0	—	15.6	22.8	49	0	145
HURGHÂDA	02	7	32	4	2	6	1	14.8	22.8	53	0	146
QUSEIR	03	8	32	4	2	8	5	14.8	24.4	69	0	147
PORT SÛDÂN	11	9	14	3	1	4	8,1	11	28	70		208
NORTH SÛDÂN												
WÂDI HALFA	01	8	32	3	1	4	2	10	31	33		165
KAREIMA												166
'ATBARA	00	8	32	2	0	0	—	5	33	32		167
KHARTÛM	00	7	20	1	0	0	—	5	34	29		209
KASSALA	00	8	02	2	0	0	—	3	38	15		170
CENTRAL SÛDÂN												
WAD MEDANI	00	8	16	2	0	0	—	3	38	15		171
RENK	00	8	32	3	0	0	—	3	36	22		182
ROSEIRES	00	8	01	2	0	0	—	4?	38	21		172
EL OBEID	00	9	04	3	0	2	2	3	35	27		174
EL FÂSHER	01	9	32	1	1	5	2	—	33	10		175
GENEINA	01	8	04	1	1	4	1	—	36	11		179
KADUGLI	00	8	04	3	0	0	—	3	38	11		187
S. SÛDÂN												
MALAKÂL	00	8	06	3	0	0	—	3	37	12		176
WÂU	00	8	32	3	0	0	—	2	37	13		177
JUBA	05	7	32	3	0	2	8	1	38	13		178

At 20h. on 31-12-1946 — الساعة ٢٠ يوم ١٤٦٧-١٢-٣١

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force f	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. ppp	TEMP. °C ttt	% HUMIDITY uu	RAIN 14-20 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	8	20	2	0	0	—	18.3	16.4	32	0
MARIUT	02	7	21	2	2	7	4,5	18	11	54	0
ALEXANDRIA	01	6	24	2	2	4	4	18.7	15.0	37	0
DAMIETTA	03	6	14	1	2	8	5	18.0	11.0	90	0
PORT SA'ÎD	02	6	22	3	2	5	4	19.0	13.3	77	0
EL 'ARÎSH	13	8	20	3	5	8	4	17.5	12.7	78	dr
LOWER EGYPT											
DAMANHÛR	02	6	24	2	2	7	5	18.4	12.6	70	0
MANSÛRA	01	6	08	1	1	4	6	19.0	11.8	76	0
TANTA	02	7	20	1	2	6	7	18.6	11.2	84	0
ZAGAZIG	02	6	00	0	2	6	8	19.1	13.0	89	dr
SHEBÎN EL KÔM	02	7	30	1	5	7	6	19.1	11.4	73	dr
MIDDLE EGYPT — CAIRO											
ALMAZA	51	6	00	0	5	8	5,4	19.2	10.7	79	tr
EZBEKÎYA	08	4	00	0	5	8	5	19.4	11.7	93	tr
GÎZA	03	7	00	0	5	8	7	19.5	10.1	86	dr
HELWÂN	50	3	30	2	5	8	7	20.2	10.8	57	dr
SUEZ	50	8	32	2	5	8	7	19.5	12.8	66	dr
UPPER EGYPT											
FAIYÛM	50	8	00	0	5	8	7	19.6	10.6	72	1
MINYA	02	8	30	3	2	6	4	18.2	13.0	52	0
ASYÛT	01	6	22	1	1	5	2	17.6	12.4	72	0
NAG' HAMÂDI	00	8	00	0	0	0	—	15.4	14.6	78	0
QENA	01	6	26	2	1	3	1	14.8	19.2	66	0
LUXOR	01	6	10	2	1	4	1	14.8	18.0	82	0
ASWÂN	00	9	32	1	0	0	—	12.6	26.0	42	0
WESTERN DESERT											
SÎWA	03		24	2	2	8	4	20.0	10.5	72	0
BAHARÎYA	03		00	0	2	8	1		8.2	77	0
KHÂRGA	01	9	32	2	1	4	1	14.8	20.0	18	0
DAKHLA	01	7	28	2	1	5	4	16.8	17.5	35	0
RED SEA											
TÔR	01	6	28	4			—	15.5	21.2	60	0
HURGHÂDA	03	7	28	1	2	8	2	15.0	18.3	71	0
QUSEIR	01	8	32	3	2	4	5	15.0	22.3	83	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 31/12 — الرياح العليا يوم ٣١

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.
					18 h. m.		13 h. 15 m.		13 h. m.	13 h. m.	13 h. m.	13 h. m.	13 h. m.
					08 33 20		09 08 20		09 33 15	09 36 05	09 05 10	09 05 20	09 05 15
					03 17 40		15 06 15		15 02 15	15 36 15	15 27 05	15 04 15	15 09 15
					06 17 05		21 06 20		18 09 05	21 02 15	21 23 20	21 06 20	21 09
					09 17 40		24 04 20			27 03 30	27 23 30	27 03 10	27 07 20
					12 18 35		27 03 20				33 23 25	33 12 05	33 06 15
					18 19 35		33 01 05				36 22 20	39 12 10	
					24 18 35								
					30 24 30								
					39 09 35								

At 8h. on Wednesday 1st — الساعة ٨ يوم الأربعاء ١ أول

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force f	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	CAR PRESSURE M.S.L. 1000+ mbs. ppp	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C ttt	MAXIMUM Yesterday °C MM	MAXIMUM Diff. from norm. °C	MINIMUM Today °C mm	MINIMUM Diff. from norm. °C	% HUMIDITY uu	RAINFALL Past 24 hrs mms	RAINFALL Total From Oct. 1 mms	RAINFALL Norm. From Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				42
MATRÛH	00	9	22	3	0	3	8	19.0	+0.4	8.7	18	0	7	-2	69	0	30	73
MARIUT	02	7	20	3	2	5	4,5	19		12	16	—	11	—	55	0	64	70
ALEXANDRIA	01	9	20	3	2	4	8	18.8	-0.2	14.8	20	+1	11	0	51	0	54	97
DAMIETTA	02	7	20	1	2	7	9	18.2	+0.2	11.2	16	—	10	—	71	0	3	40
PORT SA'ÎD	03	6	22	3	2	8	6	18.7	+1.0	12.8	16	-3	12	+1	76	0	4	32
EL 'ARÎSH	03	8	20	3	2	8	4	18.0	-0.6	13.9	17	-2	11	+3	66	dr	13	34
LOWER EGYPT																		
DAMANHÛR	01	6	28	3	1	5	8	18.3	-0.3	16.3	15	-5	9	+1	66	0	50	27
MANSÛRA	50	6	08	2	5	5	9	19.0	+0.4	11.0	16	-4	9	+1	58	dr	5	16
TANTA	02	7	24	1	2	5	7	19.6	+0.5	9.8	14	-6	7	0	69	0	3	14
ZAGAZIG	02	6	20	2	2	7	8	20.2	+1.0	10.2	13	-7	9	+2	74	dr	dr	10
SHEBÎN EL KÔM	01	8	22	1	1	5	8	20.0	+0.8	10.6	14	—	9	—	58	dr	dr	—
MIDDLE EGYPT — CAIRO																		
ALMAZA	05	6	00	0	1	6	6	20.0	+0.6	9.9	13	—	9	—	74	tr	1	—
EZBEKÎYA	09	4	00	0	2	7	4	20.3	+0.9	10.2	13	-7	9	+1	72	tr	tr	9
GÎZA	02	7	00	0	2	6	4	20.3	+0.8	10.0	14	-5	8	+2	76	1	2	10
HELWÂN	02	7	32	3	2	6	4	20.2	+0.6	11.4	14	-5	10	+1	36	dr	1	9
SUEZ	13	8	32	1	2	8	6	20.3	+1.5	11.8	15	-5	11	+1	63	dr	dr	9
UPPER EGYPT																		
FAIYÛM	03	8	00	0	2	8	7	20.2	+0.8	9.9	15	-6	9	+2	76	1	1	3
MINYA	03	6	32	2	2	8	4	20.4	+0.6	10.8	20	0	10	+3	54	0	dr	—
ASYÛT	03	6	22	2	2	8	6	19.2	-1.0	10.5	22	+2	10	+4	68	0	0	3
NAG' HAMÂDI	00?	8	26	1	0	0	—	17.9	-1.8	15.7	22	—	11	—	66	0	0	—
QENA	01	7	22	4	1	4	3	16.0	-3.0	15.2	23	0	11	+4	56	0	0	—
LUXOR	01	7	30	1	1	4	1	17.9	-1.3	16.0	26	+2	12	+6	69	0	0	—
ASWÂN	02	9	02	2	1	5	1	14.6	-4.4	19.4	32	+8	18	+7	60	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	22.0	+1.3	4.2	18	-2	-1	-5	68	0	0	5
BAHARÎYA	03	9	00	0	2	8		22.2	+2.0	6.0					70	0	dr	4
KHÂRGA	02	9	32	2	2	5	5	17.8	-1.6	14.3	25	+2	12	+5	35	0	0	—
DAKHLA	01	9	32	2	1	5	4	19.5	-1.1	14.0	25	+3	12	+7	35	0	0	—
RED SEA																		
TÔR	02	6	04	3	1	6	8	15.9	-2.1	17.2	25	+4	15	+6	44	0	0	7
HURGHÂDA	02	7	28	5	2	7	4	16.7	-1.2	17.9	24	+2	15	+4	71	0	0	3
QUSEIR	02	8	28	3	2	4	6	15.1	-2.5	20.3	25	+2	18	+3	70	0	0	4
PORT SÛDÂN	00	8	30	1	0	0	—	14		27						0	129	84
NORTH SÛDÂN																		
WÂDI HALFA	02	8	32	2	1	8	2	14		17					52	0	tr	—
KAREIMA	00	8	00	0	0	2	2	10		19					46	0	dr	1
'ATBARA	00	8	32	2	0	0	—	11		23					44	0	dr	2
KHARTÛM	00	8	32	2	0	0	—	11		23					36	0	2	4
KASSALA	00	8	04	2	0	0	—	9		24					54	0	1	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	7	02	3	0	0	—	10		23					47	0	15	12
RENK	00	9	32	2	0	0	—	10?		23	—		—		57	—	—	09
ROSEIRES	00	8	32	1	0	0	—			20					56	0	21	36
EL OBEID	02	7	00	0	1	7	2	11		21					31	0	49	16
EL FÂSHER	00	8	00	0	0	0	—	—	—	14					48	0	4	6
GENEINA	00	8			0	2	1	—	—	19	—		—		19	—	—	4
KADUGLI	00	8	28	2	0	1	1	10		22	—		—		44	—	—	89
S. SÛDÂN																		
MALAKÂL	00	8	32	2	0	0	—	9		25					42	0	112	88
WÂU	00	8	00	0	0	0	—	9		21					53	0	159	143
JUBA	05	7	30	1	0	0	—	9		24					50	0	212	144

UPPER WINDS ON 1/6 — الرياح العليا يوم أول

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT h. m.	LUXOR h. m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h. 15 m.	ABU HAMAD 7 h. 15 m.	KAREIMA 7 h. m.	KHARTÛM 7 h. m.
			9 h. 45 m.		7 h. m.		7 h. m.	7 h. 15 m.	7 h. 15 m.	7 h. m.	7 h. m.
			02 33 15		02 34 30		02 03 15	09 10 25	09 09 30	09 14 30	06 02 25
			05 33 30		05 35 40		05 10 20	15 15 15	15 11 25	15 10 15	09 05 30
			08 01 15		10 35 45		10 14 20		21 14 15	21 05 05	12 05 20
			10 03 15				15 11 15			27 15 25	15 05 30
			15 31 25				20 23 05			33 19 45	21 30 10
			20 24 55				25 02 02			39 21 30	27 34 30
			23 21 65								33 21 25
			25 30 70								39 32 10
			30 33 85								

KASSALA 6 h. 45 m.	PORT SÛDÂN h. m.	EL OBEID 7 h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL 7 h. m.
06 09 15		09 01 20			09 03 30
09 09 15		15 02 30			15 05 45
12 06 20		21 01 15			21 09 15
21 04 25		27 33 10			27 09 15
27 03 30		33 29 05			33 15 15
33 02 20		39 22 10			39 14 30
39 01 15					

CYPRUS SYNOPTIC 81 ON 1st

30710 01973 28265 16110 86402 01101.

30883 01853 18294 17130 50801 97060.

UPPER AIR TEMP. ALMÂZA AT 6h GMT ON 1st

HEIGHT FEET	PPP mb.	TT °c	TT °c
Surface	1009	08	44
500	991	51	42
1000	973	51	41
1500	955	50	41
2000	938	48	42
4000	872	48	36
6000	808	45	40
8000	750	41	38
10000	694	36	36
12000	642	28	28
14000	592	19	18
16000	549	16	12

Remarks

Hours are Egyptian standard time, long 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day Humidity % on 31st	Humidity Diff. from normal	Wet Bulb Temp °c on 31st	Wet Bulb Temp Diff. from normal
Alexandria	45	-21	9.2	-3.3
Ezbekiya	72	+3	9.9	-0.9
Giza	73	-1	9.0	-1.5
Helwân	56	-2	8.7	-1.2

GÎZA — GRASS MINIMUM TEMP ON 1-1-1947 5.8° c

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON 1-1-1947 15.0° c

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nasser				10.47	+ 2.77
Malakâl		12.92	+ 1.18	12.92	+ 1.15
J. Aulia Res.				377.20	—
J. Aulia D.S				372.46	+ 0.31
Roseires		13.12	+ 0.69	13.14	+ 0.67
Sennar Res.				20.70	—
Khartûm				11.60	+ 0.31
Kh. el Girba					
Atbara		11.17	+ 0.30	11.18	+ 0.30
Kajnarti				134.75	+ 0.49
Aswân Res.		120.49	—	120.41	—
Aswân D.S		86.18	- 0.01	86.18	- 0.01
Roda (Cairo)		15.17	+ 0.22	15.13	+ 0.18

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	1-1	1504	1505
	31-12-1946	1504	1505

Printed by the Survey of Egypt, 1945 (45/306)

ANNUAL SUBSCRIPTION P.T. 150

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 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 AMOUNT (N)

- Clear 0
- Trace 1
- 1 Tenth 2
- 2, 3 Tenths 3
- 4, 5, 6 Tenths 4
- 7, 8 Tenths 5
- 9 Tenths 6
- Over 9 Tenths 7
- Overcast 8
- Fog or Dust 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.